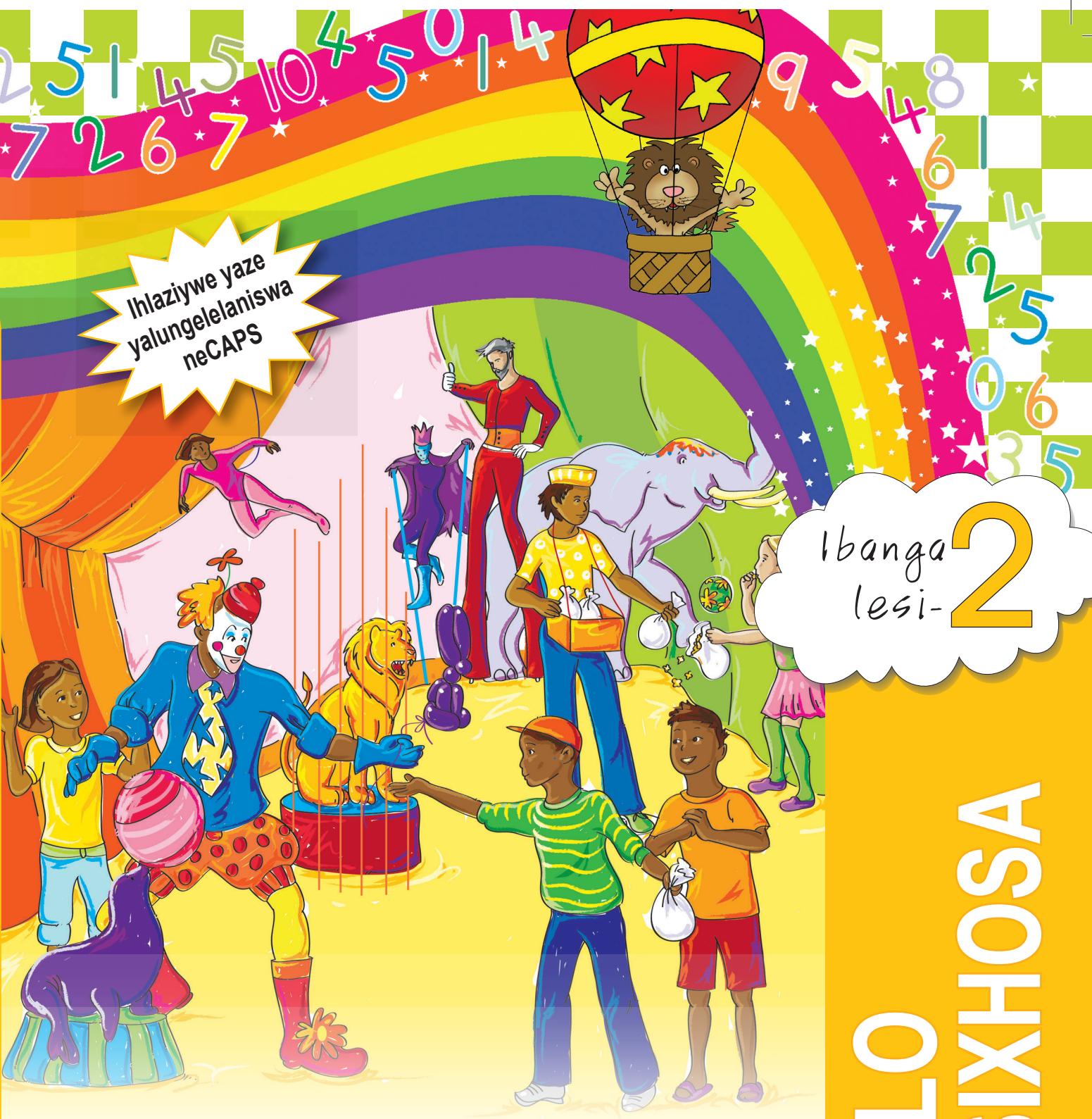


# IZIBALO NGESIXHOSA

Incwadi yoku-2  
Ikota 3 & 4



IZIBALO NGESIXHOSA – Ibanga lesi-2 Incwadi yoku-2

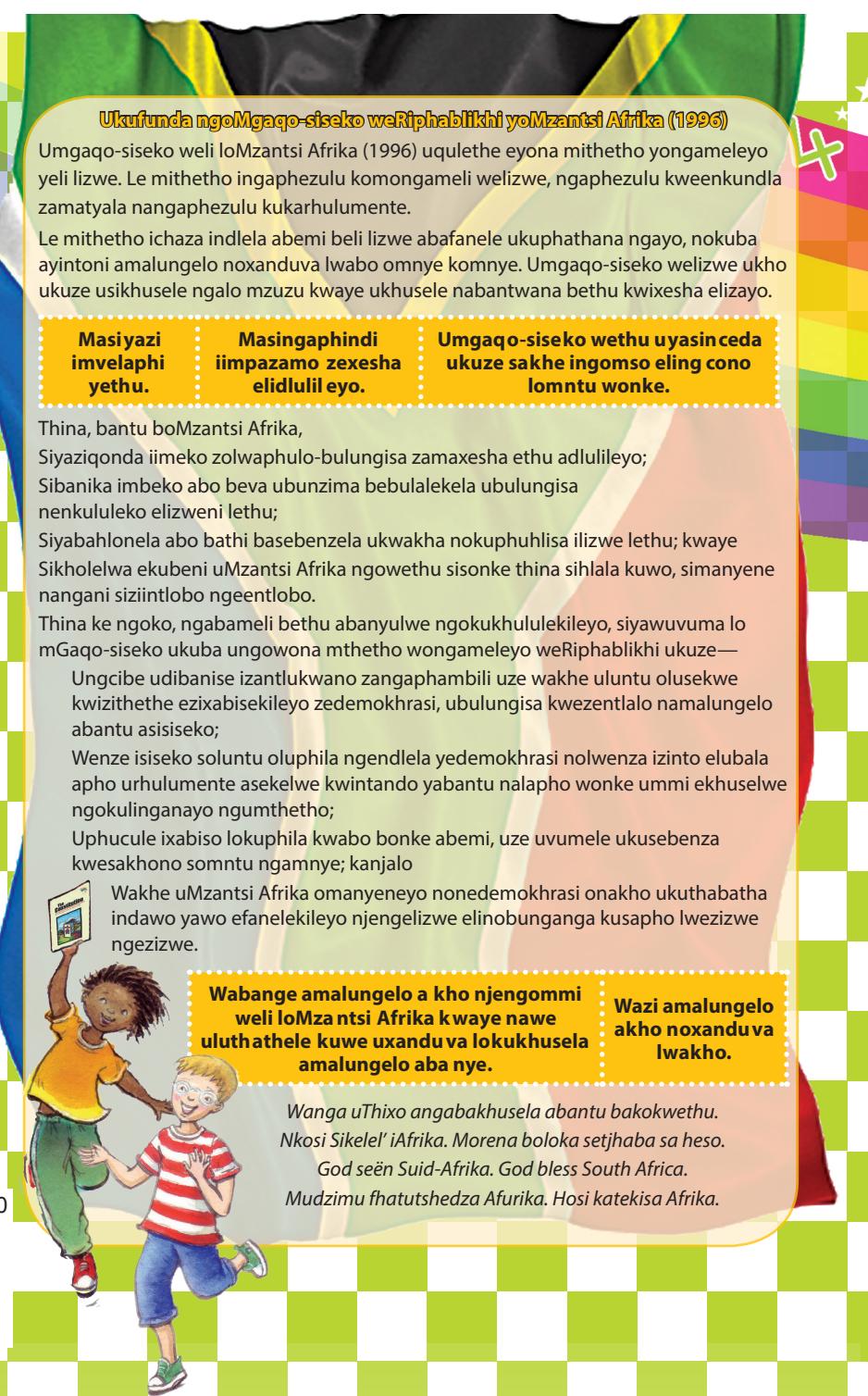
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**basic education**  
Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

Igama:

Ikasi:



## Ukufunda ngoMgaqo-siseko weRiphablikhi yoMzantsi Afrika (1996)

Umgao-siseko weli loMzantsi Afrika (1996) uqulethe eyona mithetho yongameleyo yeli lizwe. Le mithetho ingaphezulu komongameli welizwe, ngaphezulu kweenekundla zamatyala nangaphezulu kukarhulumeta.

Le mithetho ichaza indlela abemi beli lizwe abafanele ukupathhana ngayo, nokuba ayintoni amalungelo noxanduva lwabo omnye komnye. Umgao-siseko welizwe ukho ukuze usikhusele ngalo mzuzu kwaye ukhusele nabantwana bethu kwixesha elizayo.

Masiyazi  
imvelaphi  
yethu.

Masingaphindi  
iimpazamo zexesha  
elidlilil eyo.

Umgao-siseko wethu uyasinceda  
ukeze sakhe ingomso eling cono  
lomntu wonke.

Thina, bantu boMzantsi Afrika,  
Siyaziqonda iimeko zolwaphulo-bulungisa zamaxesha ethu adlulileyo;  
Sibanika imbeko abo beva ubunzima bebulalekela ubulungisa  
nenkululeko elizweni lethu;

Siyabahlonela abo bathi basebenzela ukwakha nokupuhlisa ilizwe lethu; kwaye  
Sikholelw ekubeni uMzantsi Afrika ngowethu sisonke thina sihlala kuwo, simanyene  
nanganisiiintlobo ngeentlobo.

Thina ke ngoko, ngabameli bethu abanyulwe ngokukhululekileyo, siyawuvuma lo  
mGaqo-siseko ukuba ungowona mhetho wongameleyo weRiphablikhi ukuze—  
Ungcibe udibanise izantlukwano zangaphambili uez wakhe uluntu olusekwe  
kwizithethe ezixabisekileyo zedemokhrasi, ubulungisa kwezentlalo namalungelo  
abantu asisiseko;

Wenze isiseko soluntu oluphila ngendlela yedemokhrasi nolwenza izinto elubala  
apho urhulumele asekewa kwintando yabantu nalapho wonke ummi ekhuselwe  
ngokulunganayo ngumthetho;

Uphucule ixabiso lokuphila kwabo bonke abemi, uze uvumele ukusebenza  
kwasakhono somntu ngamnye; karjalo

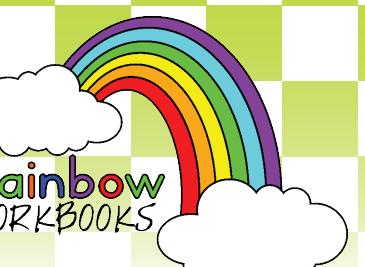
Wakhe uMzantsi Afrika omayeneyo nonedemokhrasi onakho ukuthabatha  
indawo yayo efanelekileyo njengelizwe elinobunganga kusapho lweziwe  
ngezizwe.

**Wabange amalungelo a kho njengommi**  
weli loMza ntsi Afrika kwaye nawe  
uluthathele kuwe uxanduva lokukhusela  
amalungelo aba nye.

**Wazi amalungelo**  
akho noxanduva  
lwakho.

Wanga uThixo angabakhuela abantu bakokwethu.  
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.  
God seën Suid-Afrika. God bless South Africa.  
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

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MATHEMATICS IN ISIXHOSA  
GRADE 2 – BOOK 2  
TERMS 3 & 4

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2 3 4

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UNksk. Angie Motshekga,  
uMphathiswa wemfundo  
esisiSeko



UMnu. Enver Surty  
uSekela Mphathiswa  
wemfundo esisiSeko

Ezi ncwadi zilungiselelwe abantwana baseMzantsi Afrika phantsi kweephiko loMphathiswa weMfundu esisiSeko uNksk. Angie Motshekga kanye noSekela Mphathiswa weMfundu esisiSeko uMnu. Enver Surty.

Ezi ncwadi zokusebenzela, iRainbow Workbooks, lelinye lamalinge ongenelelo eSebe leMfundu esisiSeko ajolise ekuphuculeni umgangatho wabafundi beloMzantsi Afrika abakumabanga amathandathu okuqala. Njengomnye wemiba ephambili yoMkhomba-ndlela kaRhulumente, eli phulo libe nempumelelo ngenxa yenxaso-mali evela kuVimba weSizwe. Oku kuye kwenza ukuba iSebe likwazi ukavelisa ezi ncwadi, zifumanekе ngazo zonke iilwimi ezisemthethweni ngexabiso elephantsi.

Sinethemba lokuba ootitshala baya kuzifumana ezi ncwadi zokusebenzela ziluncedo kakhulu kwimfundu yemihla ngemihla, nasekuqinisekiseni ukuba abafundi bayifikelwa yonke ikharityhulam. Ukuqinisekisa ukuba utitshala uyakhokelwa kuyo yonke imisetyenzana, sisebenzise izalathisi ezibonisa oko kufanele ukwenziwa ngumfundu.

Sinethemba lokwenene lokuba abantwana baya kukonwabela ukusebenza kwezi ncwadi ekukhuleni nasekufundeni kwabo, kwanokuba nawe titshala uya kwabelana nabo kolu yolo.

Sinqwenela ukuba nibe nempumelelo ekusebenziseni ezi ncwadi.



Published by the Department of Basic Education  
222 Struben Street  
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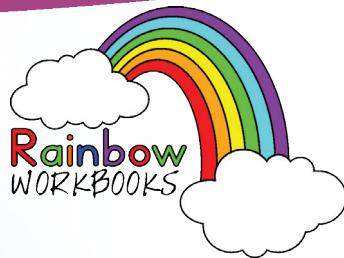
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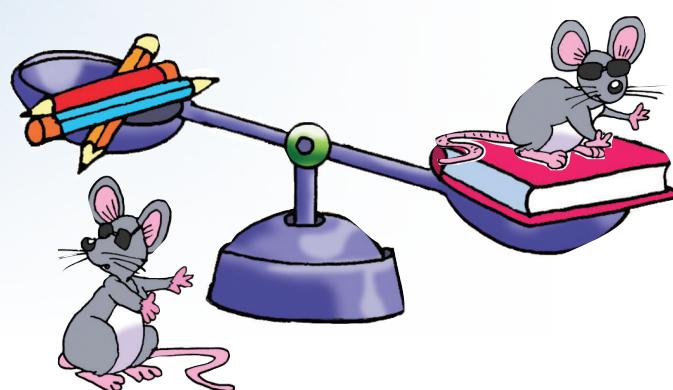
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Ibanga lesi-**2**



Imathematika

Le ncwadi yeka-

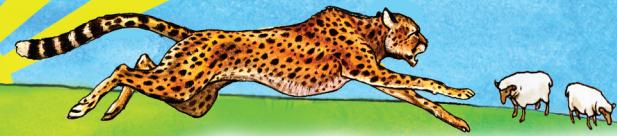


ISIXHOUSA

Incwadi  
yesi-

**2**

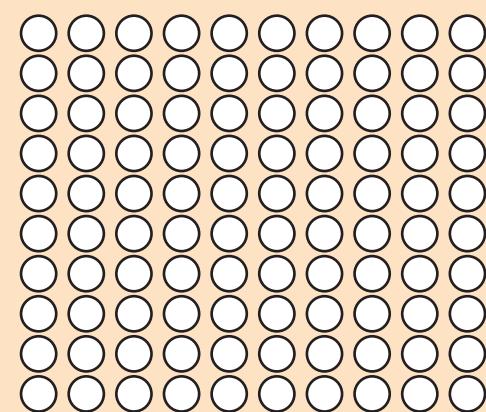
65



## Amanani 50–qq

Ikota yesi-3

Fakela imibala kwizangqa ezingama-58.



Bhala impendulo. Umzekelo wokuqala uza kukukhokela.

$$60 + 8 \\ = 68$$

6 0 8



=

8 0 6

8 0 6

5 0 3

5 0 3

=

7 0 1

=

9 0 5

9 0 5

6 0 q

6 0 q

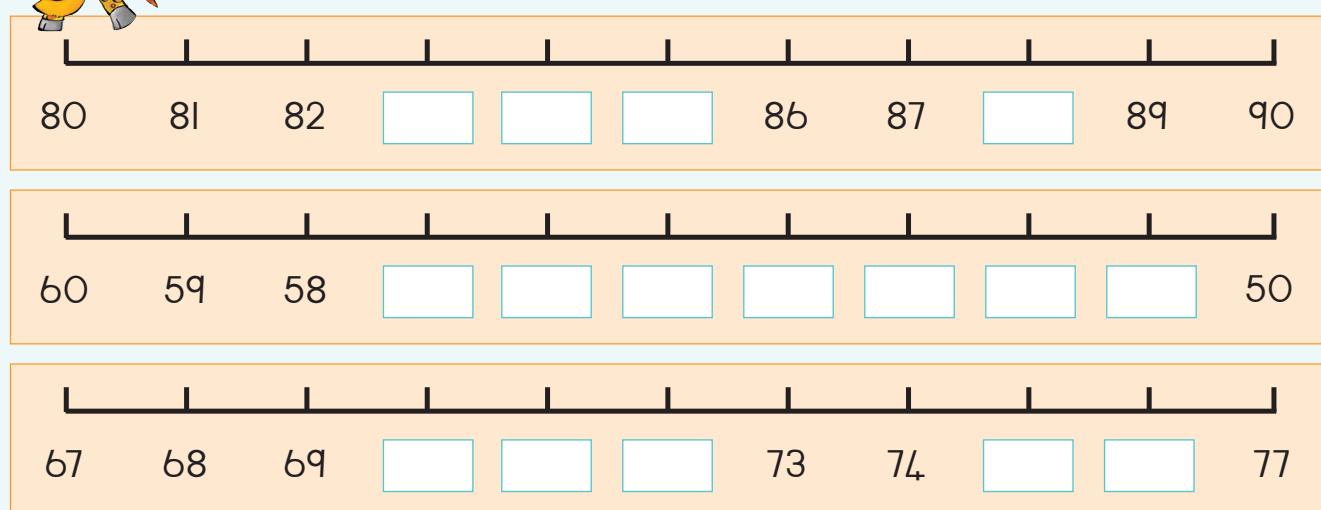


Bhala iimpendulo zakho ngamagama:

Amashumi amathandathu anesibhozo

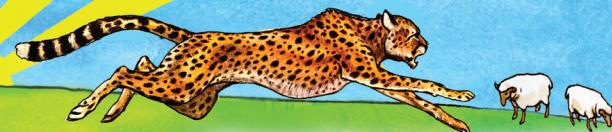


Ncinane	Inani	Khulu
	55	
	63	
	88	
	95	
	71	



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

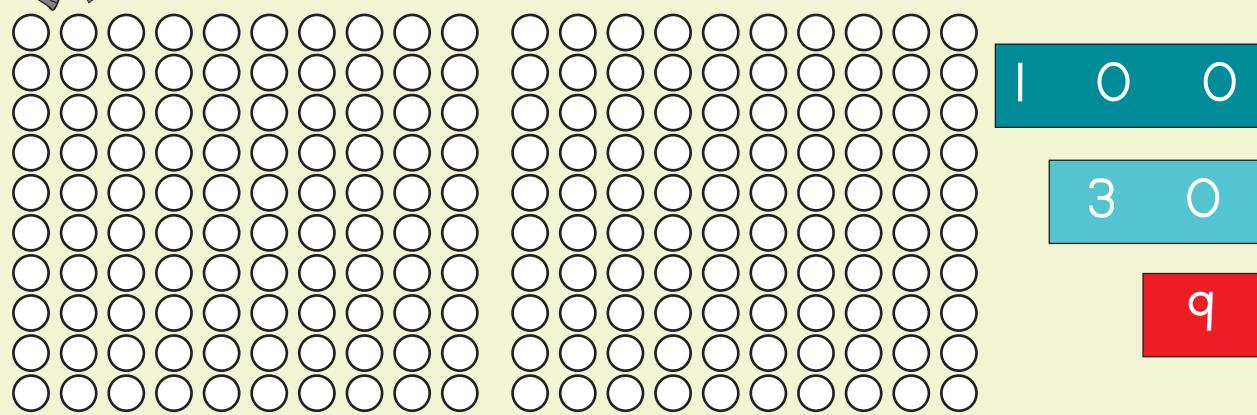
bb



Ikota yesi-3

## Amanani 100–150

Faka umbala kwizangqa ezili-139.



Bhala inani:

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 2 \ 0 \\ \hline 1 \ 2 \ 8 \end{array}$$

$$100 + 20 + 8 = 128$$



$$\begin{array}{r} 1 \ 0 \ 0 \\ + 4 \ 0 \\ \hline 1 \ 4 \ q \end{array}$$

=

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 4 \ 0 \\ \hline 1 \ 4 \ 2 \end{array}$$

=

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 5 \ 0 \\ \hline \end{array}$$



Ngawaphi amanani aphakathi:

kwe-103 ne-105? \_\_\_\_\_

kwe-139 ne-141? \_\_\_\_\_

kwe-120 ne-122? \_\_\_\_\_

kwe-150 ne-148? \_\_\_\_\_

kwe-146 ne-148? \_\_\_\_\_

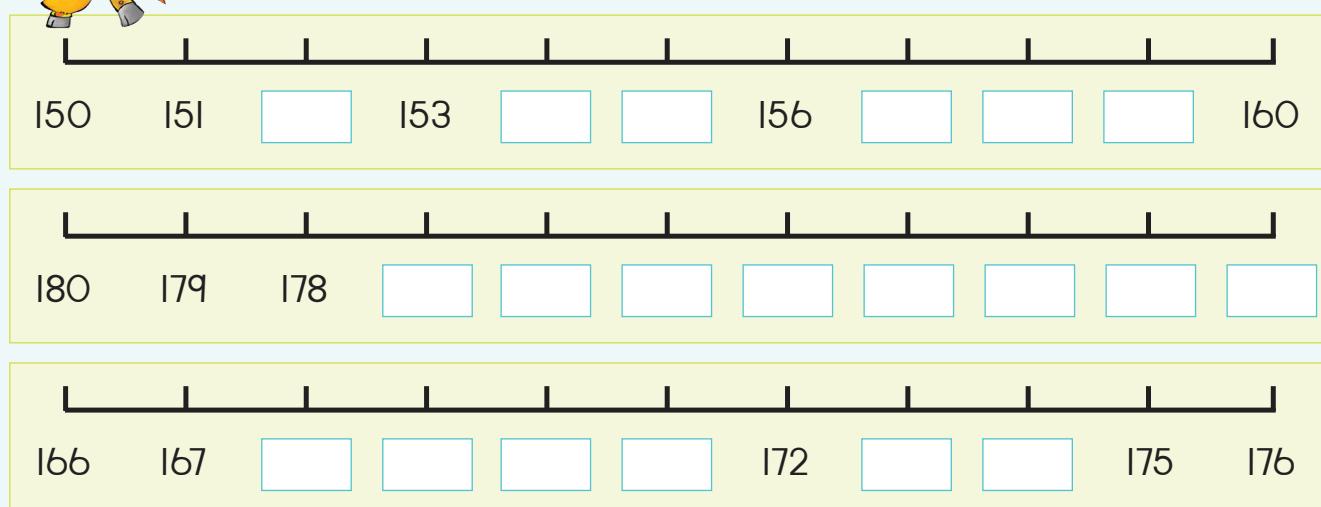


Bhala amanani abe mabini amancinane kanye namanani abe  
mabini amakhulu kunenani olinikiwego.

Ncinane	Inani	Khulu
	123	
	145	
	108	
	141	
	134	



Gqibezela le migca-manani.



Sika amanani amathathu aphakathi kwe-100 ne-150 kwimagazini okanye  
kwiphephandaba. Ukuba akufumanu nelinye kula, sika imivo uze wakhe amanani amathathu.  
Wancamatelise apha alandelanelane uqale ngelona lincinane uye kwelona likhulu.



Teacher:
Sign:
Date:

67

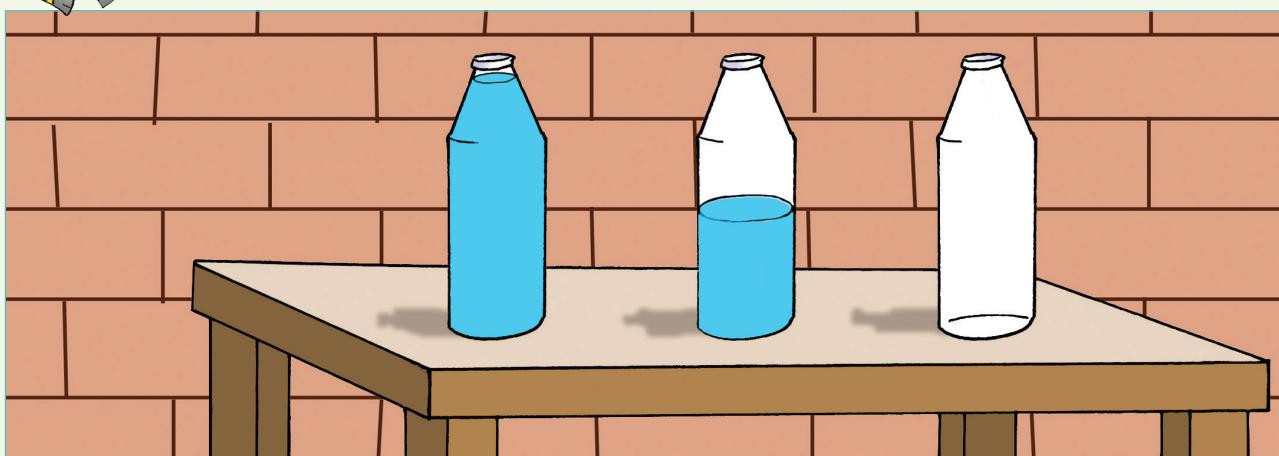


## Izele, isehafini, ayinanto

Ncokola ngeebhotile ezisetafileni katitshala.

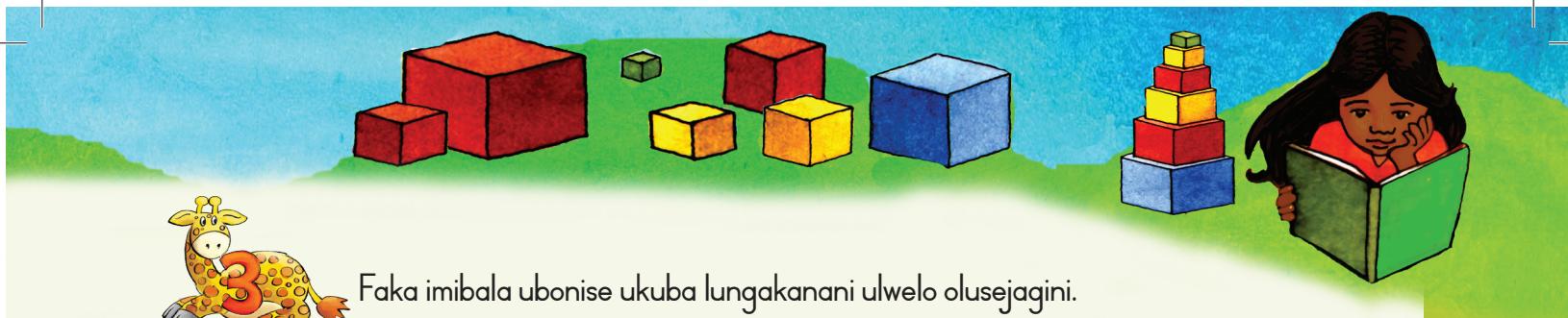
Umhla:

Ikota yesi-3



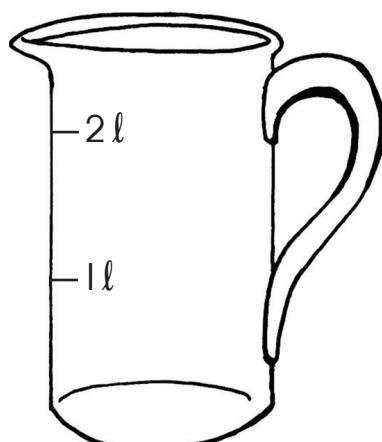
Xela ukuba isikhongozeli sizele, sisehafini okanye asinanto na.



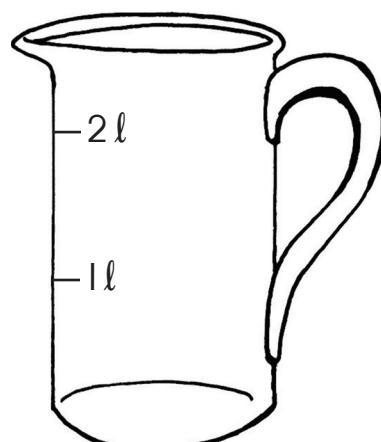


Faka imibala ubonise ukuba lungakanani ulwelo olusejagini.

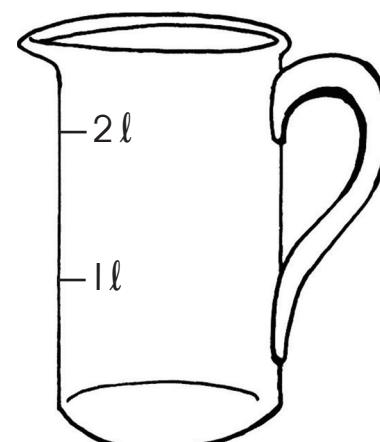
Izele



Isehafini



Akukho nto



Zoba ezakho ijagi. Zoba ijagi ezifanayo ezi-3. Ijagi nganye ithatha umthamo ongangeelitha ezi-4. Zifake umbala ubonise ukuba isikhongozeli:

Izele

Isehafini

Ayinanto



Yeyiphi ibhotile enomthamo omninzi?



Teacher:
Sign:
Date:

11

12

13

14

15

16

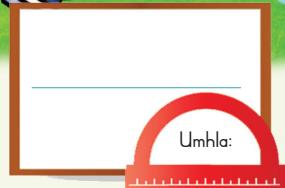
17

18

19

20

68



## Umthamo

Jonga emifanekisweni. Benza ntoni abantwana?

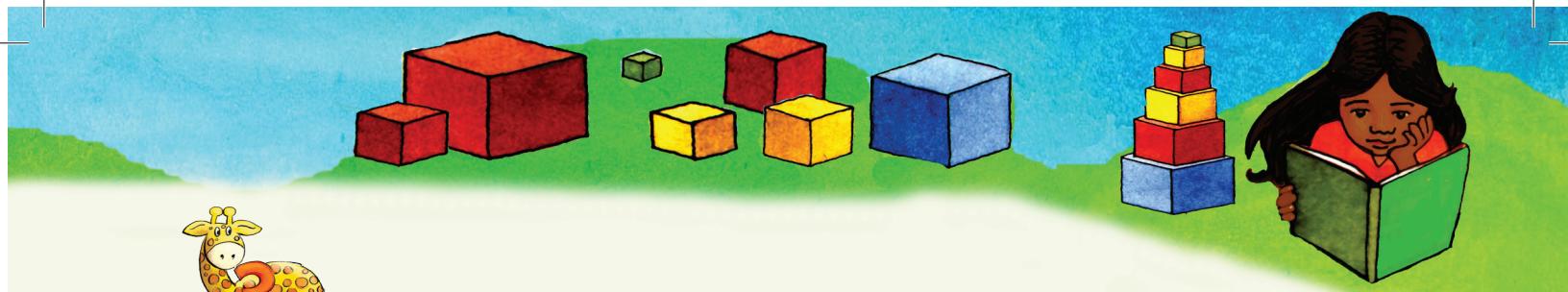
Ikota yesi-3



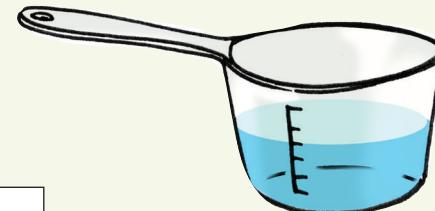
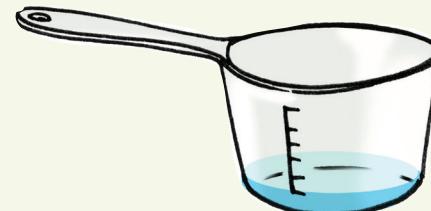
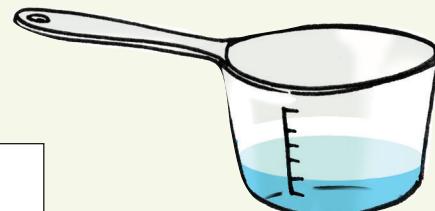
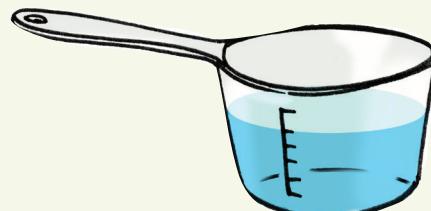
Mangaphi amacephe afunekayo ukuze azalise ikomityi? Fakela umbala.

Icephe elinye  
liyizalisa kangaka  
ikomityi.





Mangaphi amacephe angaphezulu afunekayo ukuzalisa ikomityi?

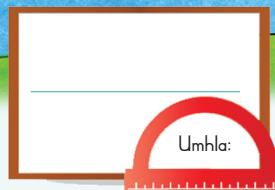
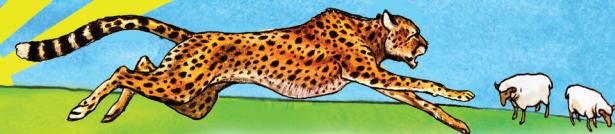


UMakhulu usebenzisa iikomityi ezi-2 zobisi xa esenza ipudini. Ukuba iresiphi yakhe ujiphinda kabini, uza kusebenzisa ubisi olungakanani?

\_\_\_\_\_  
\_\_\_\_\_



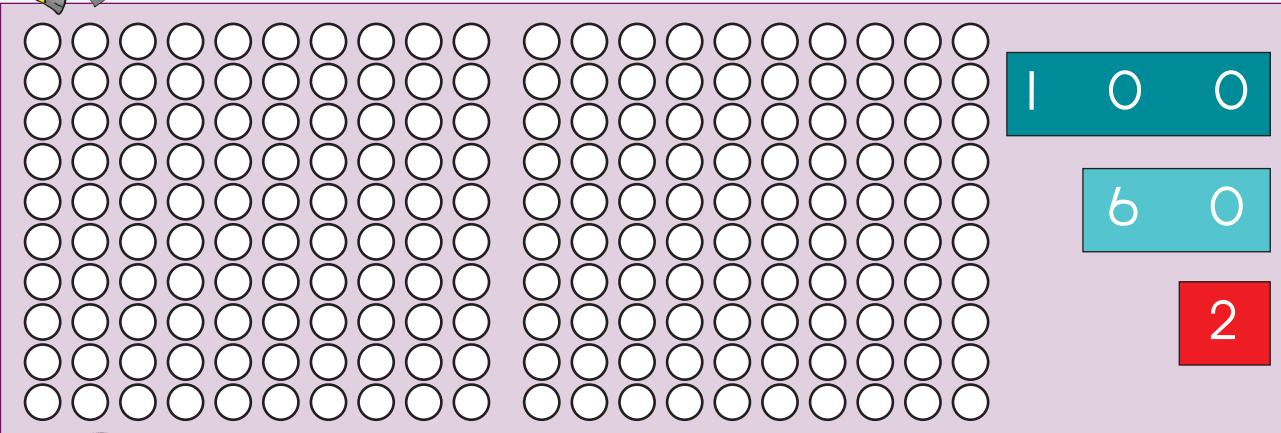
69



Ikota yesi-3

## Amanani 150–170

Faka umbala kwizangqa ezili-162.



Bhala inani:

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 5 \ 0 \\ \hline 100 + 50 + 2 \\ = 152 \end{array}$$

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 6 \ 0 \\ \hline 100 + 60 \\ = 160 \end{array}$$

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 7 \ 0 \\ \hline 100 + 70 \\ = 170 \end{array}$$



Ngawaphi amanani aphakathi:

kwe-150 ne-155

\_\_\_\_\_

kwe-158 ne-162

\_\_\_\_\_

kwe-170 ne-165

\_\_\_\_\_

kwe-163 ne-167

\_\_\_\_\_

kwe-172 ne-166

\_\_\_\_\_

10

1 2 3 4 5 6 7 8 9 10

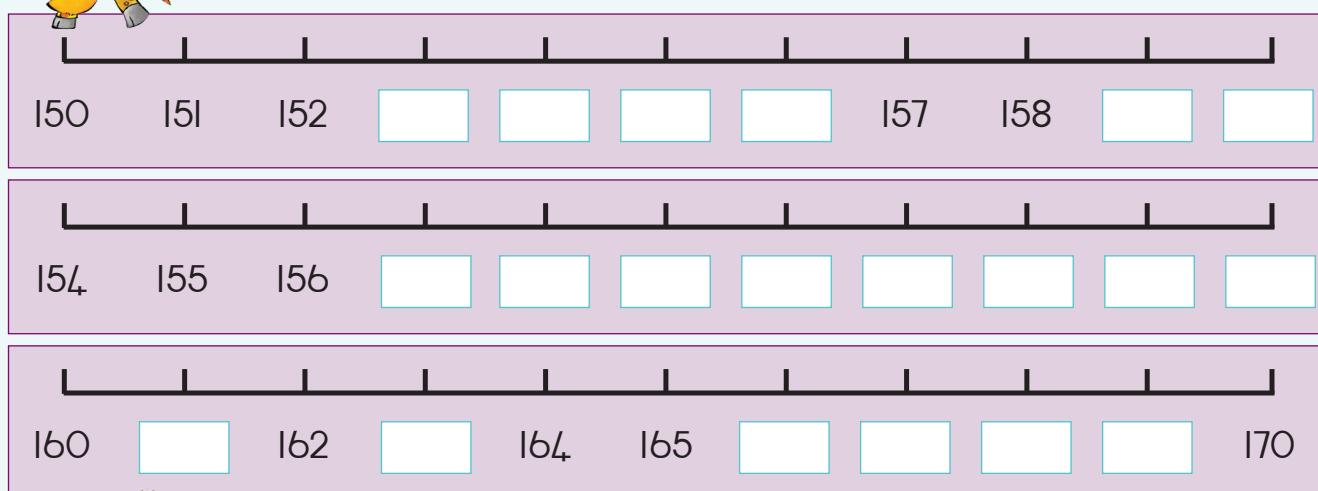


Bhala amanani abe mabini amancinane kune namanani abe mabini amakhulu kunenani olinikiwewo.

Ncinane	Inani	Khulu
	155	
	168	
	151	
	162	
	160	



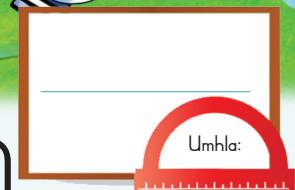
Gqibezela le migca-manani.



Sika amanani amathathu aphakathi kwe-150 ne-170 kwimagazini okanye kwiphephandaba. Wancamatheleise apha uqale ngelona likhulu uye kwelona lincinane.



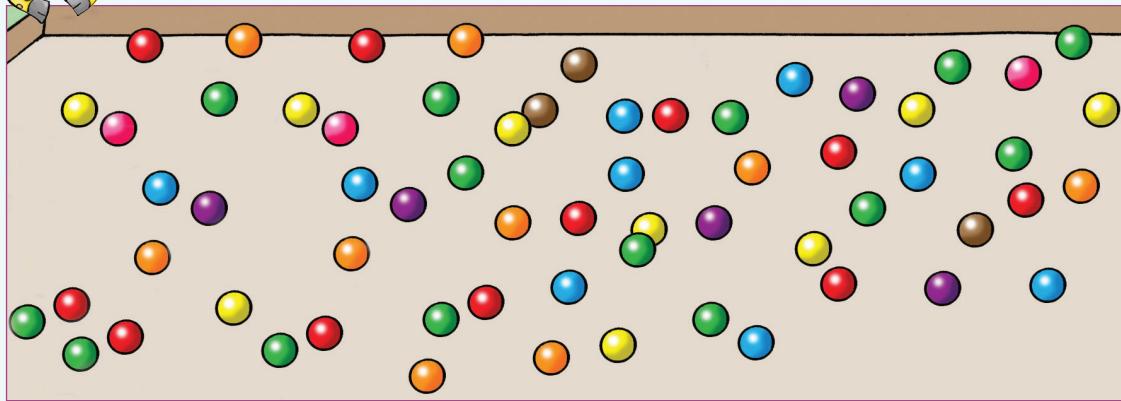
70



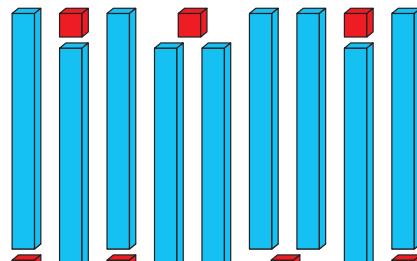
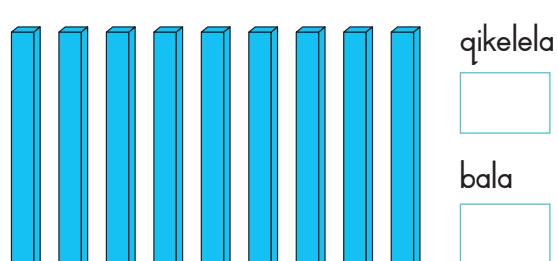
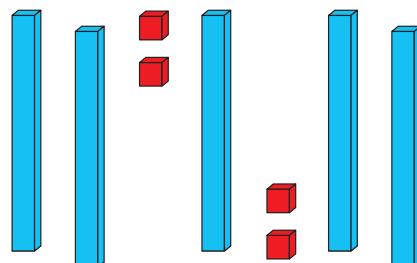
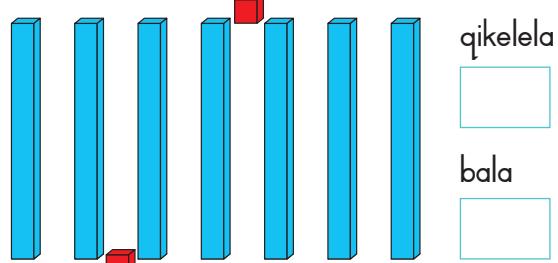
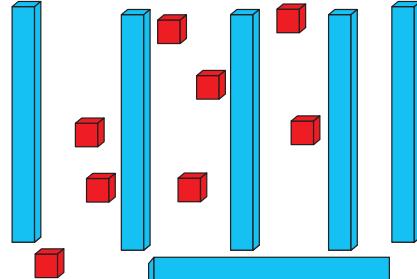
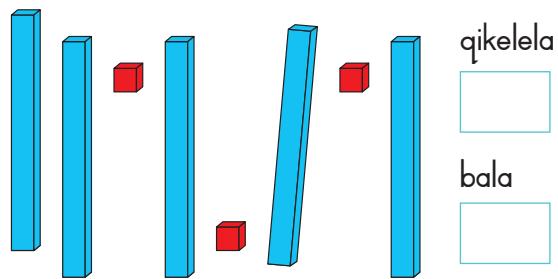
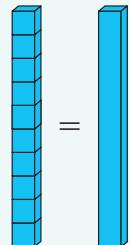
## Ukubala kune nokuqikelela (0–100)

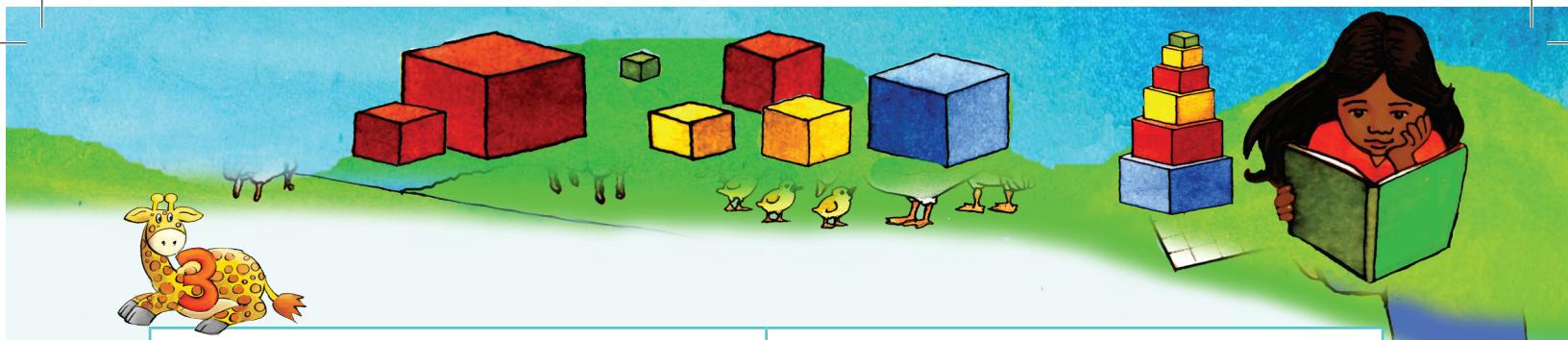
Ikota yesi-4

Qikelela uze ubale amaso.



Kukho iibloko ezili-10 kwisikhongozeli.  
Qikelela uze ubale.

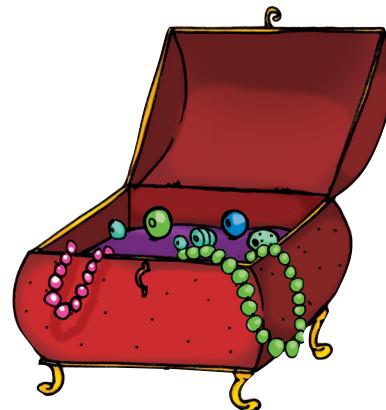




Kukho iilekese ezingama-42 ebhokisini.  
Zingaphi ezifihlakeleyo?



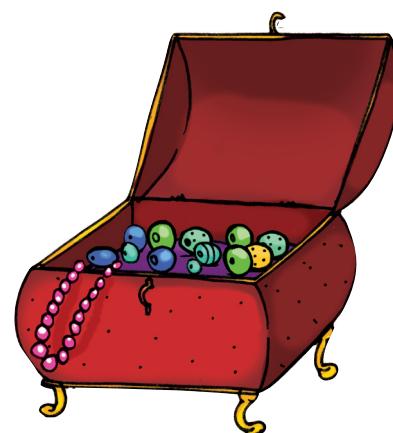
Kukho amaso angama-50 ebhokisini.  
Mangaphi afihlakeleyo?



Kukho iilekese ezingama-78 ebhokisini.  
Zingaphi ezifihlakeleyo?

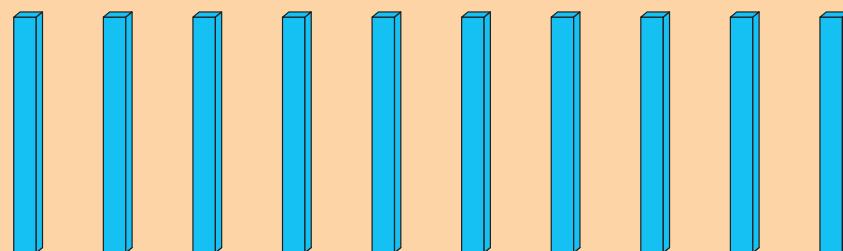


Kukho amaso ali-100 ebhokisini.  
Mangaphi afihlakeleyo?

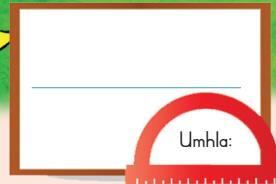
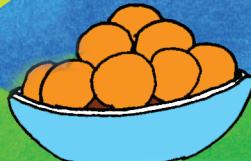


Ukhawuleza kangakanani ukwenza oku?

Isikhongozeli ngasinye sineebloko ezili-10. Zingaphi iibloko ezikhoyo?



71



## Ezinye iinkcukacha

Ikota yesi-3



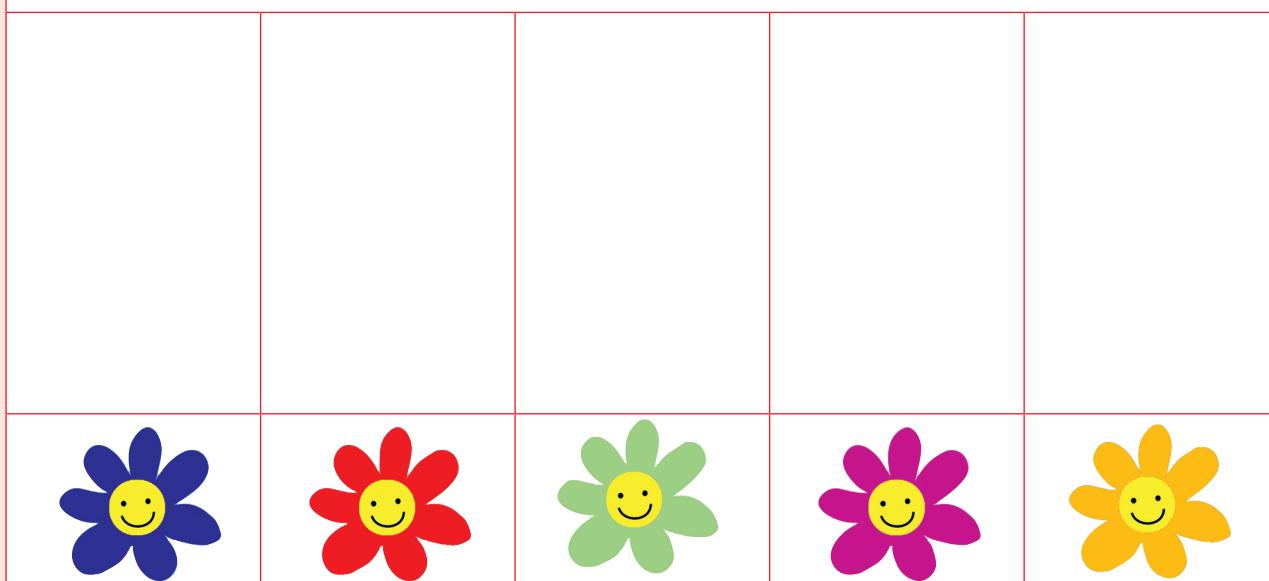
Hlela iintyatyambo. Zenzele owakho umfanekiso. Bhala isiphumo ebhokisini.





Zoba umfanekiso obonisa iintyatyambo zakho  
ezihleliwego. Siza kuthini isihloko sakho?

Isikhokelo:



Phendula le mibuzo ilandelayo:

Zingaphi iintyatyambo ezimsobo ezikhoyo?

Zingaphi iintyatyambo ezibomvu ezikhoyo?

Zingaphi iintyatyambo eziluhlaza ezikhoyo?

Zingaphi iintyatyambo ezipinki ezikhoyo?

Zingaphi iintyatyambo ezimthubi ezikhoyo?

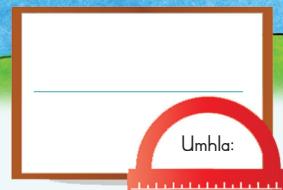
Ngowuphi umbala wentyatyambo othandwa kakhulu?

Ngowuphi umbala wentyatyambo ongathandwa kakhulu?

Wena uthanda owuphi umbala wentyatyambo?

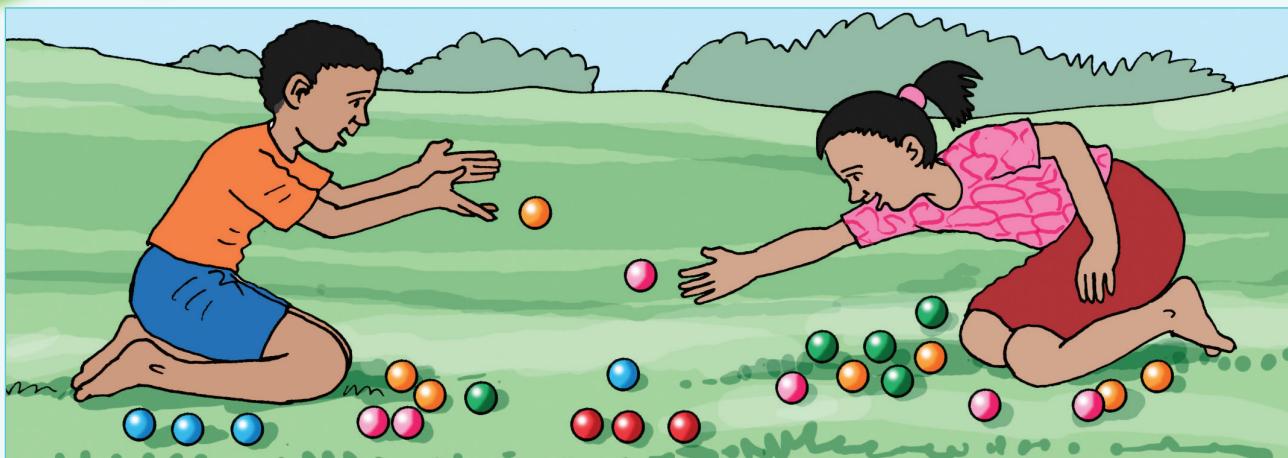


72



## Ukudibanisa 0–50

Ikota yesi-3



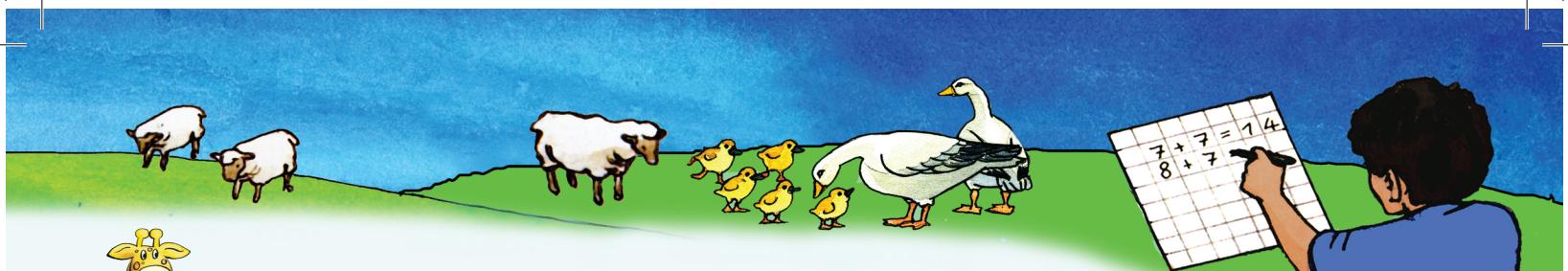
Jonga umfanekiso uze udibanise amapetyu.

<b>bomvu</b>	+	<b>zuba</b>	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<b>luhlaza</b>	+	<b>zuba</b>	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<b>pinki</b>	+	<b>zuba</b>	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<b>luhlaza</b>	+	<b>orenji</b>	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<b>bomvu</b>	+	<b>luhlaza</b>	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>



Tshatisa amakhadi nezibalo ezichanekileyo. Krwela umgca osuka kwisibalo uye kwikhadi elichanekileyo.

<b>2</b>	<b>5</b>	<b>3</b>	<b>7</b>
<b>1 0</b>	<b>2 0</b>	<b>3 0</b>	<b>4 0</b>
$7 + 40 = 47$	$10 + 2 = 12$	$20 + 5 = 25$	$3 + 30 = 33$



Dibana.

$1 \text{ } 0$	$+ \text{ } 3$	$= \boxed{\phantom{00}}$	$3 \text{ } 0$	$+ \text{ } 2$	$= \boxed{\phantom{00}}$
$2 \text{ } 0$	$+ \text{ } 5$	$= \boxed{\phantom{00}}$	$3 \text{ } 0$	$+ \text{ } 7$	$= \boxed{\phantom{00}}$
$4 \text{ } 0$	$+ \text{ } 1$	$= \boxed{\phantom{00}}$	$2 \text{ } 0$	$+ \text{ } 6$	$= \boxed{\phantom{00}}$
$1 \text{ } 0$	$+ \text{ } 4$	$= \boxed{\phantom{00}}$	$4 \text{ } 0$	$+ \text{ } 8$	$= \boxed{\phantom{00}}$
$3 \text{ } 0$	$+ \text{ } 9$	$= \boxed{\phantom{00}}$			



Dibana.

$16 + 13$

$6$	$3$	$= \boxed{q}$
$1 \text{ } 0$	$1 \text{ } 0$	$= \boxed{2 \text{ } 0}$
$1 \text{ } 6$	$1 \text{ } 3$	$= \boxed{2 \text{ } 9}$

$24 + 12$

$4$	$2$	$= \boxed{\phantom{00}}$
$2 \text{ } 0$	$1 \text{ } 0$	$= \boxed{\phantom{00}}$
$\boxed{\phantom{00}}$	$\boxed{\phantom{00}}$	$= \boxed{\phantom{00}}$

$37 + 11$

$7$	$1$	$= \boxed{\phantom{00}}$
$3 \text{ } 0$	$1 \text{ } 0$	$= \boxed{\phantom{00}}$
$\boxed{\phantom{00}}$	$\boxed{\phantom{00}}$	$= \boxed{\phantom{00}}$

$25 + 23$

$5$	$3$	$= \boxed{\phantom{00}}$
$2 \text{ } 0$	$2 \text{ } 0$	$= \boxed{\phantom{00}}$
$\boxed{\phantom{00}}$	$\boxed{\phantom{00}}$	$= \boxed{\phantom{00}}$

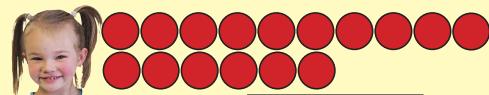
$36 + 12$

$6$	$2$	$= \boxed{\phantom{00}}$
$3 \text{ } 0$	$1 \text{ } 0$	$= \boxed{\phantom{00}}$
$\boxed{\phantom{00}}$	$\boxed{\phantom{00}}$	$= \boxed{\phantom{00}}$

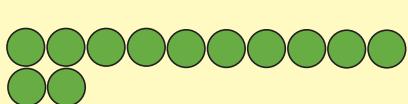
$28 + 21$

$8$	$1$	$= \boxed{\phantom{00}}$
$2 \text{ } 0$	$2 \text{ } 0$	$= \boxed{\phantom{00}}$
$\boxed{\phantom{00}}$	$\boxed{\phantom{00}}$	$= \boxed{\phantom{00}}$

Ulista unezibalisi ezili -16 aze uAakar abe nezili -12.



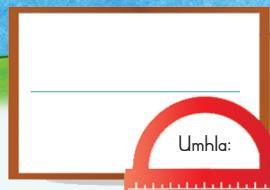
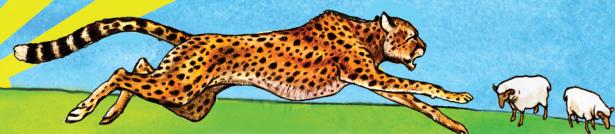
Zingaphi zizonke?



Teacher:  
Sign:  
Date:

11    12    13    14    15    16    17    18    19    20

73



## Ukudibanisa 0–75

Ikota yesi-3

Nika isiphumo sebloko nganye. Gqibezela.

1  
5

10  
10

6  
2

20  
10

3  
5

20  
30

4  
4

40  
30



Dibanisa.

$12 + 11$

$$\begin{array}{c} \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\ = \boxed{\phantom{0}} \quad + \boxed{\phantom{0}} \end{array} + \begin{array}{c} \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\ = \boxed{\phantom{0}} \quad + \boxed{\phantom{0}} \end{array} + \begin{array}{c} \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\ = \boxed{\phantom{0}} \quad + \boxed{\phantom{0}} \end{array}$$

$23 + 41$

$$\begin{array}{c} \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\ = \boxed{\phantom{0}} \quad + \boxed{\phantom{0}} \end{array} + \begin{array}{c} \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\ = \boxed{\phantom{0}} \quad + \boxed{\phantom{0}} \end{array} + \begin{array}{c} \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\ = \boxed{\phantom{0}} \quad + \boxed{\phantom{0}} \end{array}$$



Gqibezela.

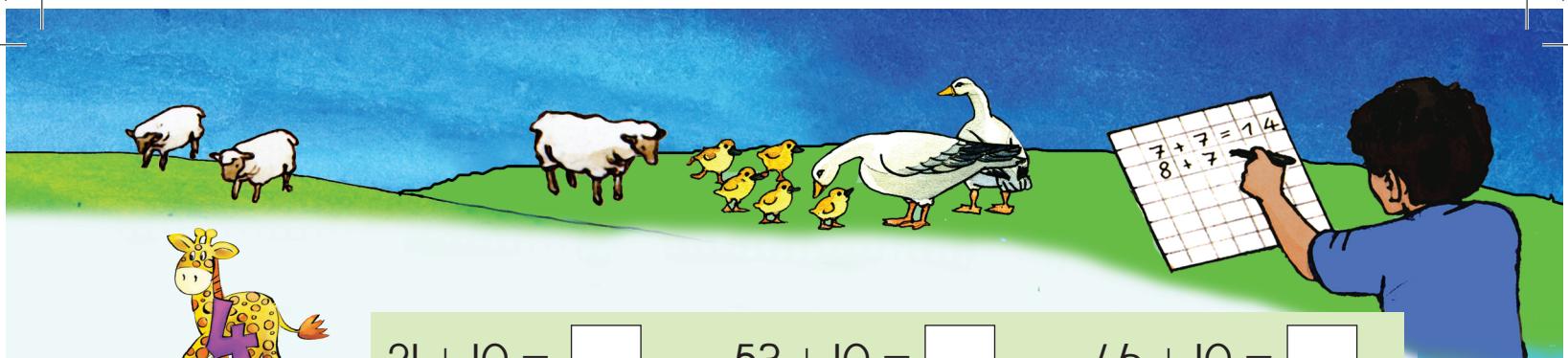
$$28 + \boxed{11} = \boxed{2} \boxed{8} + \boxed{1} \boxed{0} + \boxed{1} = 38 + \boxed{1} = 39$$

$$34 + \boxed{12} = \boxed{3} \boxed{4} + \boxed{1} \boxed{0} + \boxed{2} = \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$43 + \boxed{23} = \boxed{4} \boxed{3} + \boxed{2} \boxed{0} + \boxed{3} = \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$45 + \boxed{23} = \boxed{4} \boxed{5} + \boxed{2} \boxed{0} + \boxed{3} = \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$56 + \boxed{11} = \boxed{5} \boxed{6} + \boxed{1} \boxed{0} + \boxed{1} = \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Dibanisa.

$21 + 10 = \boxed{\phantom{00}}$

$53 + 10 = \boxed{\phantom{00}}$

$46 + 10 = \boxed{\phantom{00}}$

$68 + 10 = \boxed{\phantom{00}}$

$37 + 10 = \boxed{\phantom{00}}$

$42 + 10 = \boxed{\phantom{00}}$

$74 + 10 = \boxed{\phantom{00}}$

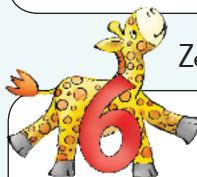
$19 + 10 = \boxed{\phantom{00}}$

$55 + 10 = \boxed{\phantom{00}}$

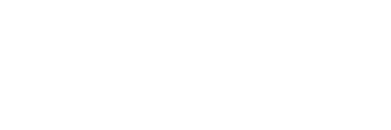


Nika isiphumo xa udibanise ama-47 nesi-6.

Bonisa impendulo yakho ngomfanekiso.



Zenzele esakho isibalo samagama usebenzise imifanekiso.



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

11

12

13

14

15

16

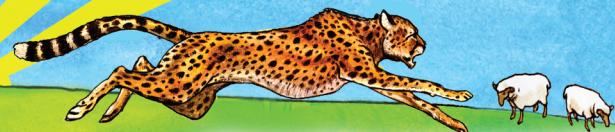
17

18

19

20

74



Umhla:

Ikota yesi-3

## Ukudibanisa nokuthabatha: 0–75

Tshatisa amakhadi. Krwela umgca osuka kwisibalo uye emakhadini achanekileyo.

q

6 0

5

5 0

4

7 0

7

4 0

$$7 + 40 = 47$$

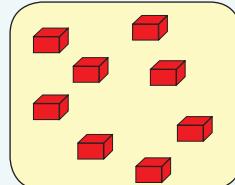
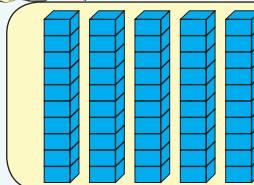
$$60 + 9 = 69$$

$$50 + 5 = 55$$

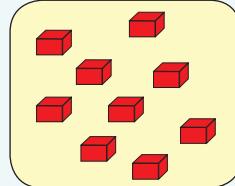
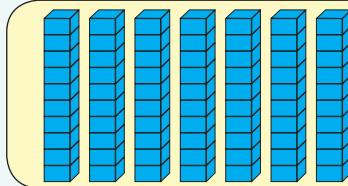
$$4 + 70 = 74$$



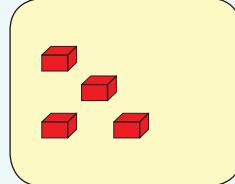
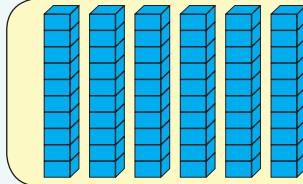
Bhala isibalo sokulandelayo uze ubhale iimpendulo.



$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



Dibanisa.

$$\boxed{6\ 0} + \boxed{4} = \boxed{\quad}$$

$$\boxed{3\ 0} + \boxed{2} = \boxed{\quad}$$

$$\boxed{4\ 0} + \boxed{9} = \boxed{\quad}$$

$$\boxed{5\ 0} + \boxed{4} = \boxed{\quad}$$

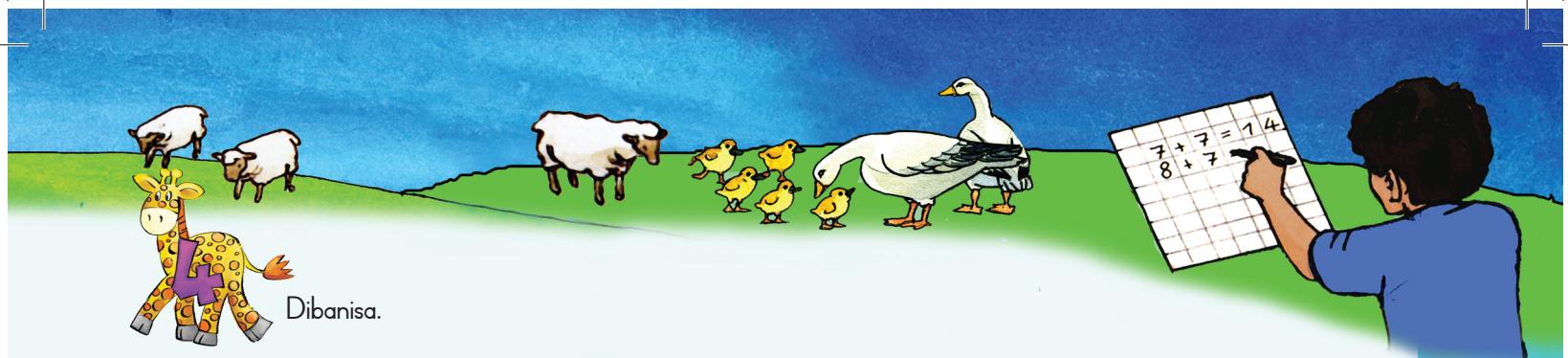
$$\boxed{2\ 0} + \boxed{8} = \boxed{\quad}$$

$$\boxed{1\ 0} + \boxed{7} = \boxed{\quad}$$

$$\boxed{7\ 0} + \boxed{5} = \boxed{\quad}$$

$$\boxed{7\ 0} + \boxed{8} = \boxed{\quad}$$

$$\boxed{5\ 0} + \boxed{6} = \boxed{\quad}$$



Dibanisa.

$56 + 15$



$56 + 15 = 71$

$34 + 17$

$48 + 13$

$\square + \square = \square$

$63 - 41$

$75 - 51$

$\square - \square = \square$

$72 - 49$



Yenza umfanekiso ubonise ukuba uMbalu uneebloko ezingama-52 aze uZander abe nezingama-36.



Zingaphi zizonke? \_\_\_\_\_



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

75



Umhla:

## Iibhola, iibhokisi neesilinda

Ikota yesi-3

La magama angakunceda:

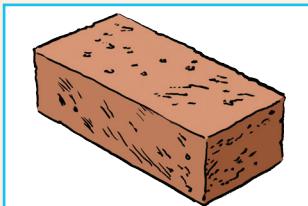
iibhokisi

iibhola

iisilinda

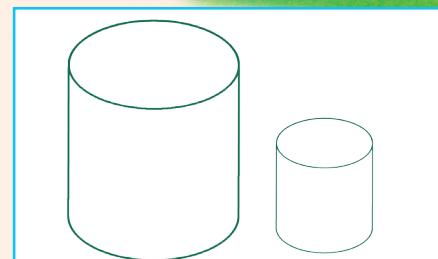
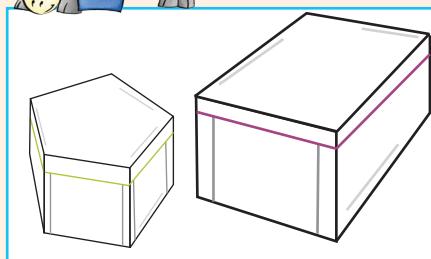


Chaza ukuba zeziphi iibhola, iibhokisi neesilinda ngokubhala igama ngezantsi kwento nganye.





Fakela umbala ozuba kwezincinci.



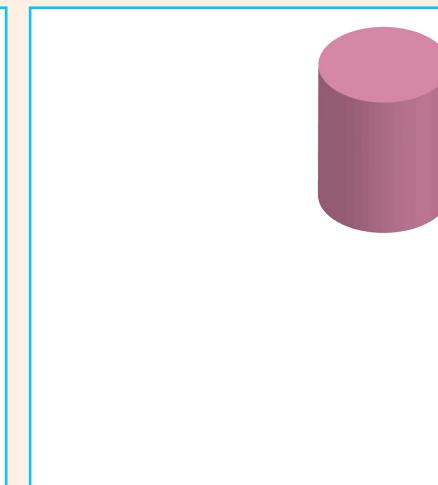
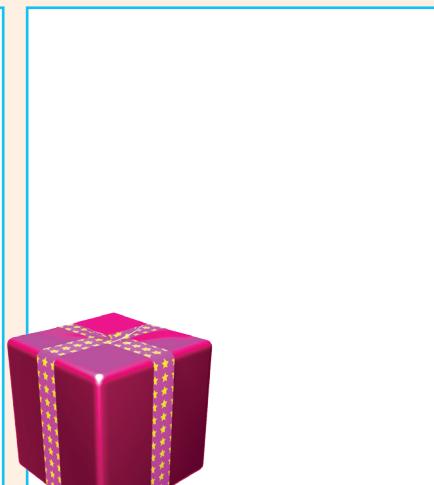
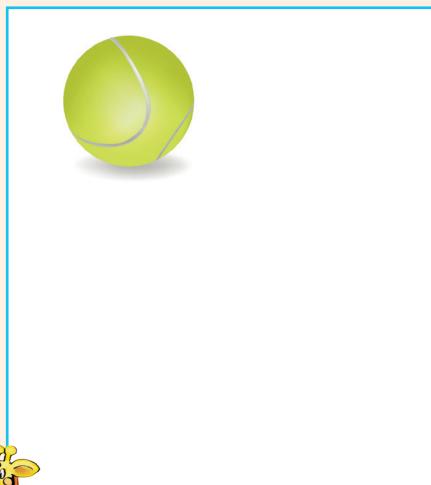
iibhokisi

iibhola

iisilinda



Zoba enkulu.



Ufuna ukufaka isipho sikamama wakho somhla wokuzalwa kwesi sikhongozelo. Kufuneka uchazele unovenkile ukuba ufuna ntoni. Ungayichaza njani?

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# Tyibiliika, qengqeleka uze wakhe ngeemilo ezingu-3D

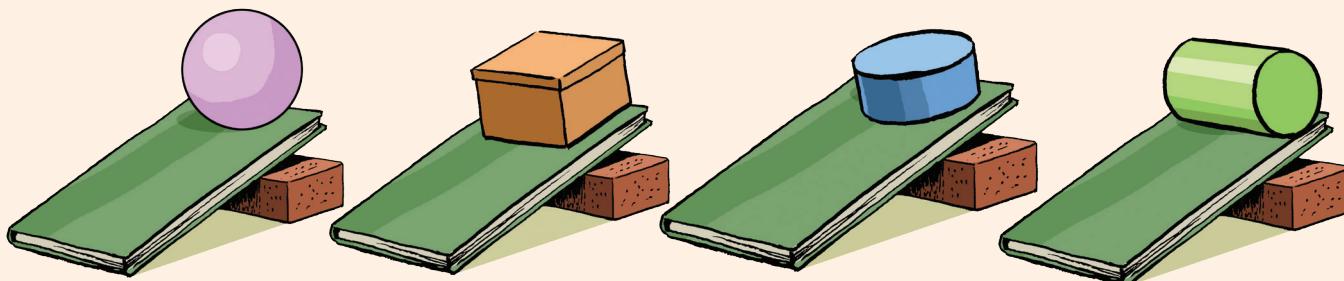


Utitshala uza kuwenza kanye nani lo msetyenzana ukuze abone ukuba ezi zinto ziylala na:

- Ibhokisi phezu kwebhokisi.
- Ibholo phezu kwebhokisi.
- Ibholo phezu kwebhola.
- Ibhokisi ezimbini phezu kwebhokisi enye.



Ibhokisi, iibholo neesilinda zingaqengqeleka okanye zityibilike. Utitshala wakho uza kukunika ezi zinto zilandelayo ukuze ubone ukuba ziyaqengqeleka okanye ziyatyibilika na. Nakugqiba ukwenza lo msetyenzana xela ukuba into nganye iyaqengqeleka okanye iyatyibilika na.



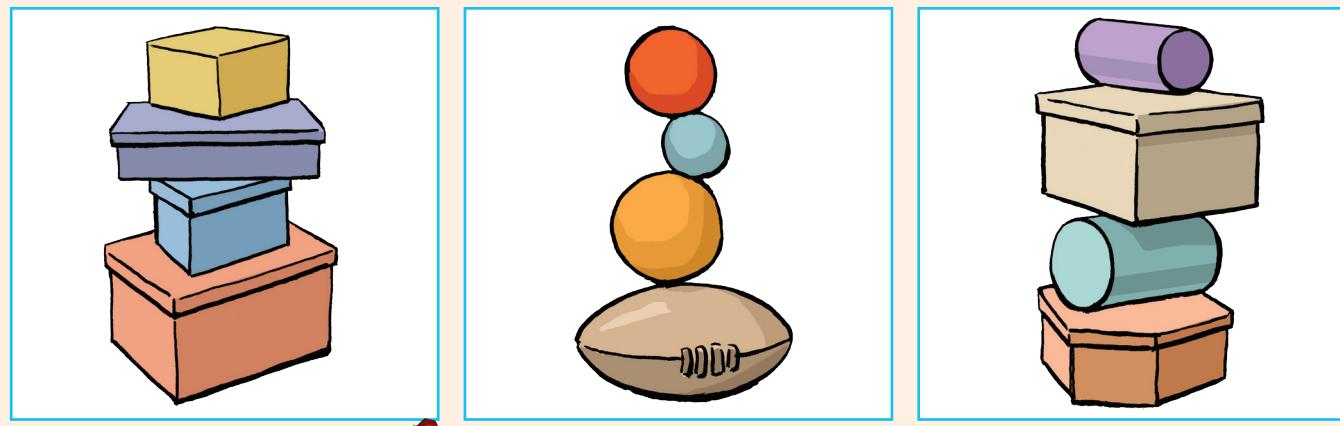
Khangela kwimagazini imifanekiso yezinto eziqengqelekayo okanye ezityibilikayo uze uzincamathele apha.

iyaqengqeleka

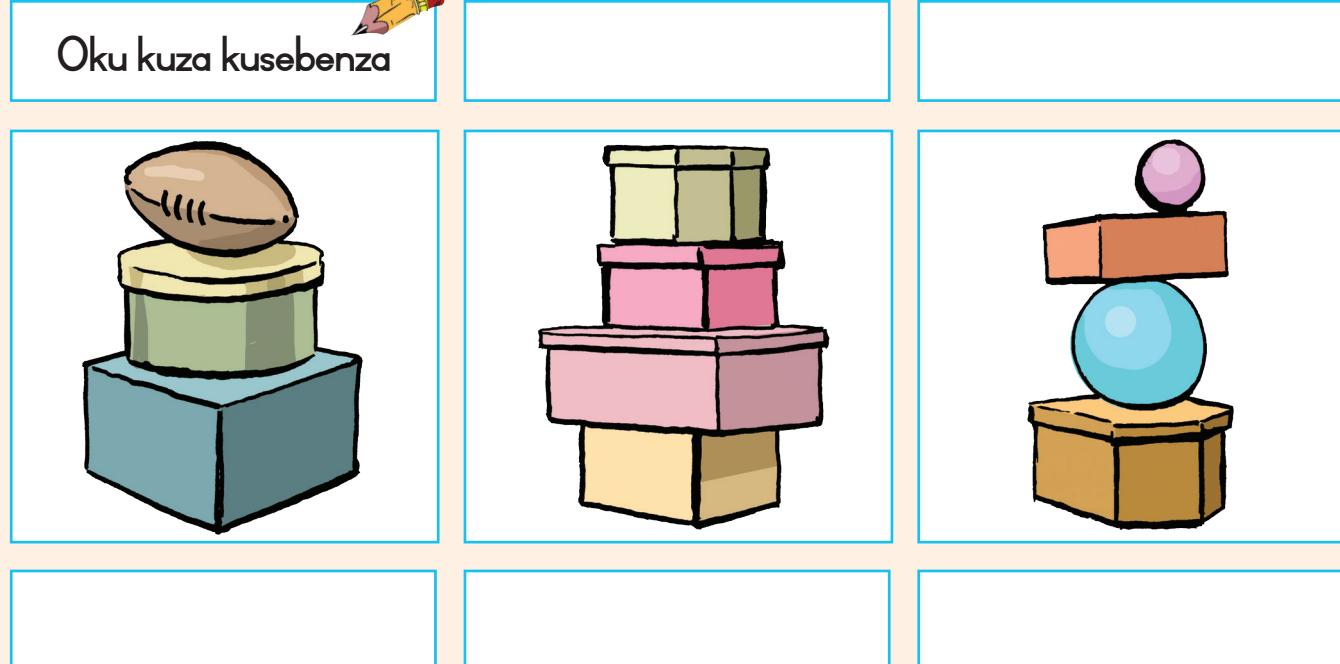
iyatyibilika



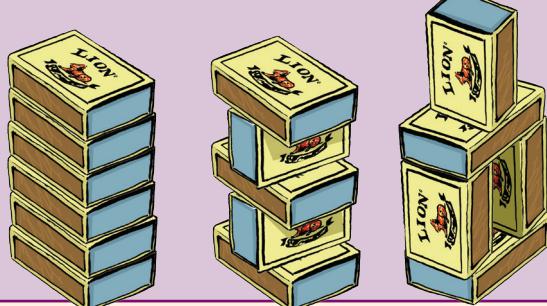
Utitshala wakho ukunike iibloko ukuze uzakhele incochoyi.  
Wena nomhlobo wakho nigqibe ekubeni nakhe eyenu  
incochoyi ngeebhokisi, ngeebhola nangeesilinda. Nantsi into  
eniyakhileyo okanye ebenizama ukuyakha. Xela ukuba nikwazile na okanye anikwazanga.



Oku kuza kusebenza



Nazi iincochoyi zeebhokisi zematshisi



Uza kufuna oku:  
Iibhokisi zematshisi.

Uza kwenza oku:  
Zama ukuba wakhe isakhiwo seebhokisi  
zematshisi siphakame kangangoko  
kunokwenzeka kodwa ungayisebenzisi iglu.



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## Okunye ukudibana nokuthabatha 0–75

Dibanisa amanani akwibloko nganye uze ubhale impendulo.

Ikota yesi-3

	5 0	5 0	4 0	3 0
	2	7	4	8
	2 0	1 0	1 0	2 0
	3	2	3	1



Dibanisa usebenzise eyakho indlela.

$52 + 21$

$43 + 28$



Gqibeza.

$28 + 31 = 2\boxed{8} + 30 + \boxed{1} = 58 + \boxed{1} = 59$

$45 + 32 = 4\boxed{5} + 30 + \boxed{2} = \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

$52 + 14 = 5\boxed{2} + 10 + \boxed{4} = \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$



Ukudibana.

$41 + 10 = \boxed{\phantom{0}}$

$44 + 10 = \boxed{\phantom{0}}$

$71 + 10 = \boxed{\phantom{0}}$



Ama-36 adibene nama-24 enza \_\_\_\_\_.

Zoba umfanekiso obonisa impendulo yakho.

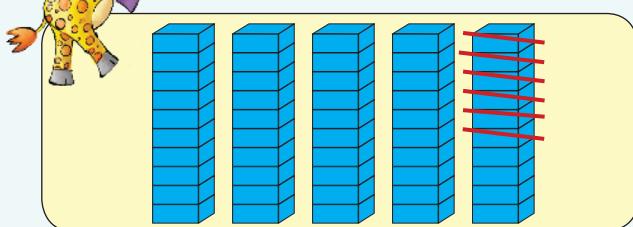
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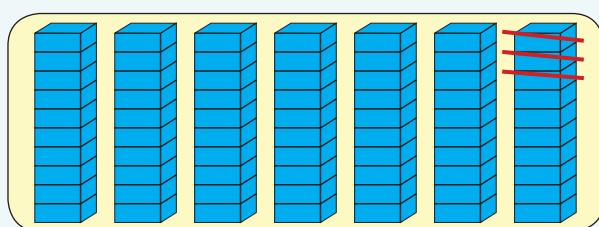
<b>5</b>	7 0	2	6 0	7	5 0	9	3 0
3	4 0	1	2 0	6	1 0	5	1 0



Bhala isibalo soku:



$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Thabatha:

$$65 - 23$$

$$72 - 29$$



Thabatha.

$$61 - 10 = \boxed{\phantom{0}}$$

$$42 - 10 = \boxed{\phantom{0}}$$

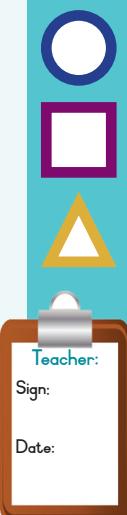
$$37 - 10 = \boxed{\phantom{0}}$$



Zoba umfanekiso ubonise ukuba uPalesa ebenamapetyu angama-62 waze walahlekelwa ngama-21.



Mangaphi amapetyu ashiyekileyo? \_\_\_\_\_



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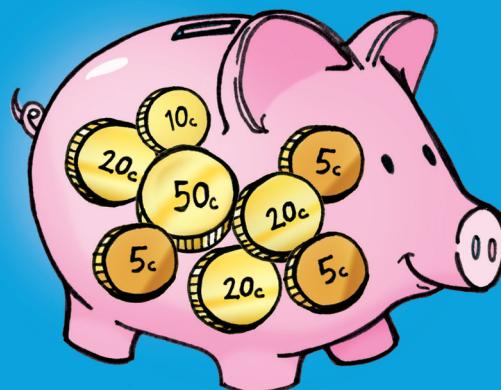


## Imali

Umhla:

Kukho ntoni ebhankini yam yehagu?

Ikota yesi-3

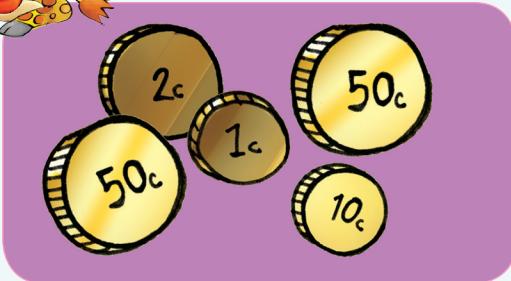


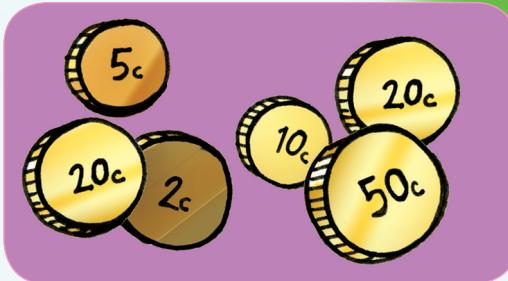
Sebenzisa imali eziinkozo ekumsiko 3 uze uncamathelese izixa ezichanekileyo apha.





Zingaphi iisenti?



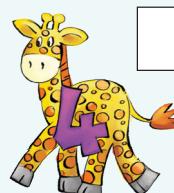












Izibalo zamagama:

Ndine-100c. Utata undiphe ama-50c ngaphezulu. Ndinamalini ngoku? Zoba umfanekiso ubonise impendulo yakho.

Ndine-170c. Ndithenge iilekese ezixabisa i-100c. Ndinamalini eshiyekileyo? Zoba umfanekiso ubonise impendulo yakho.



Teacher:

Sign:

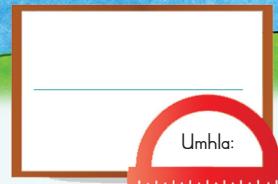
Date:

79

## Imali engamaphepha

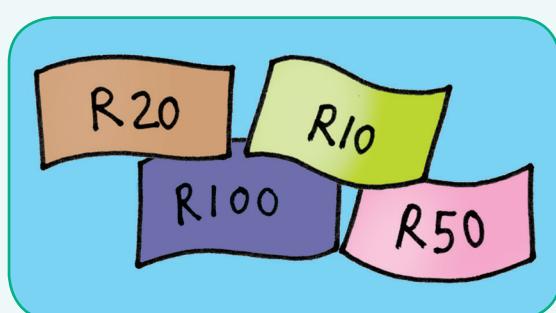
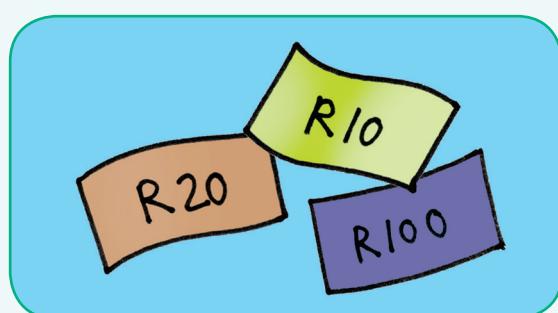
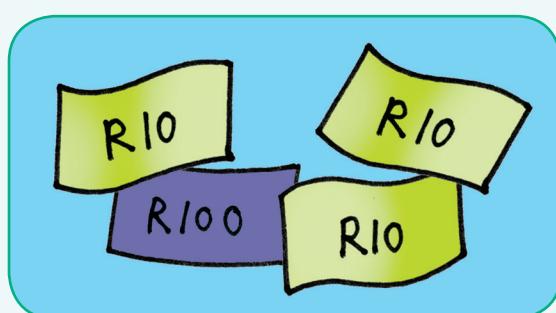
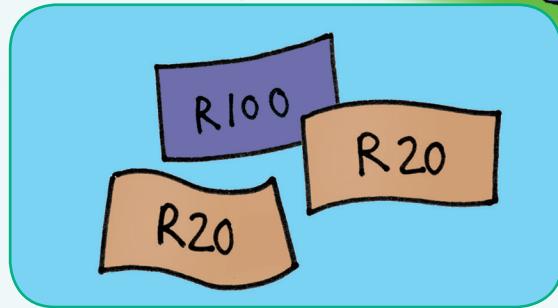
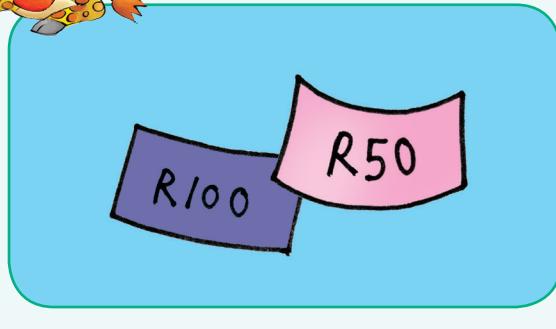
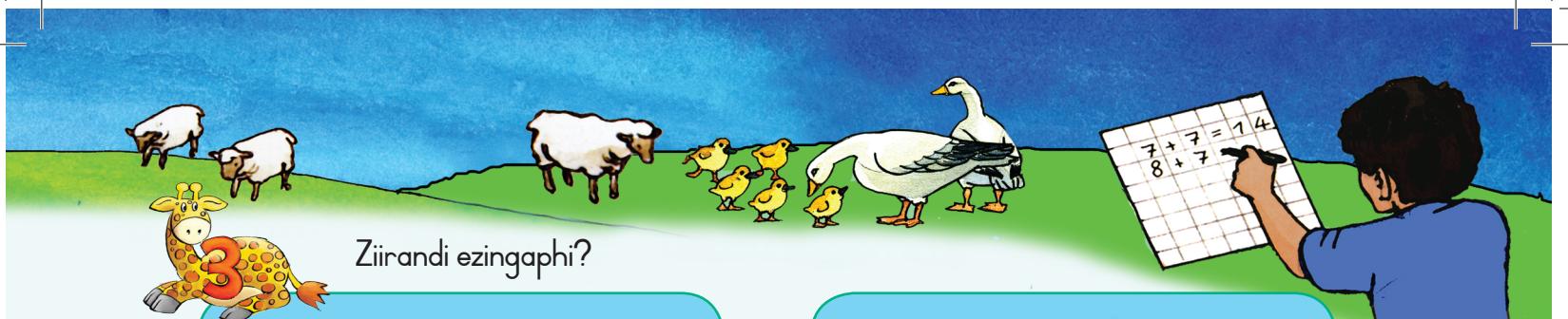
Ndinamalini esipajini sam?

Ikota yesi-3



Sebenzisa imali engamaphepha ekumsiko 3 uze uncamatelise izixa ezichanekileyo apha.





Izibalo zamagama:

Ubbuti wam une-R100. Mna ndinama-R50 aze udade wethu omncinci abe nama-R20. Sinamalini iyonke? \_\_\_\_\_

Bendine-160 leerandi. Ndaze ndathenga incwadi exabise ama-50 eerandi. Ndishiyelelwe yimalini?

\_\_\_\_\_



Teacher:
Sign:
Date:

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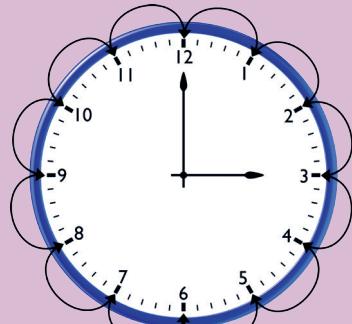


Ncokola ngewotshi.



Ikota yesi-3

## Iipatheni zexesha



Iwotshi isibonisa ixesha.

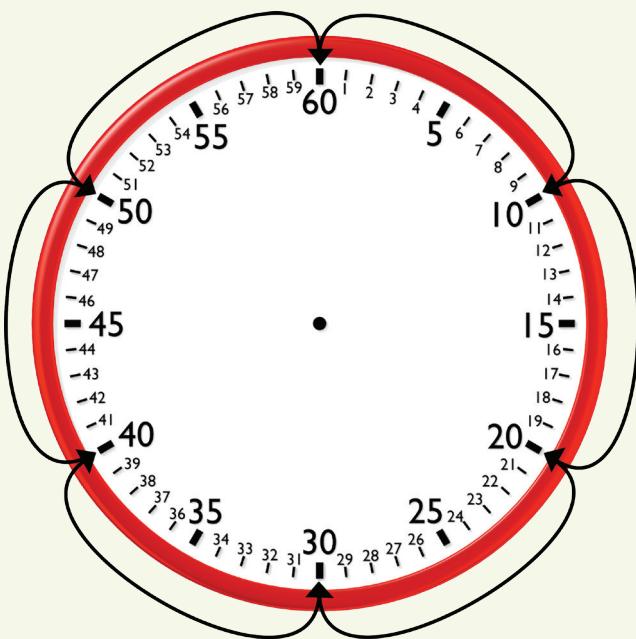
Usiba olude lusibonisa iiyure.

Usiba olufutshane lusibonisa imizuzu.

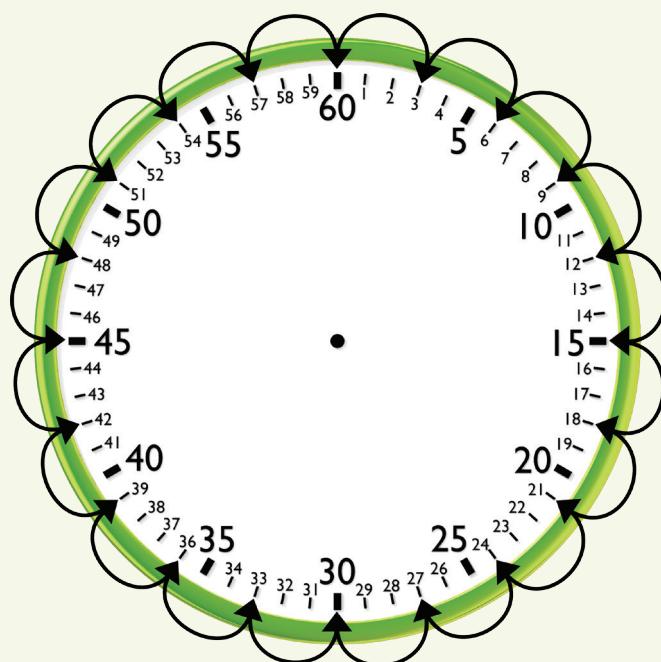
Apha sibala imizuzu ngezihlanu.



Ithini ipatheni? Jonga iintolo kwixesha ngalinye uze ubhale ipatheni.



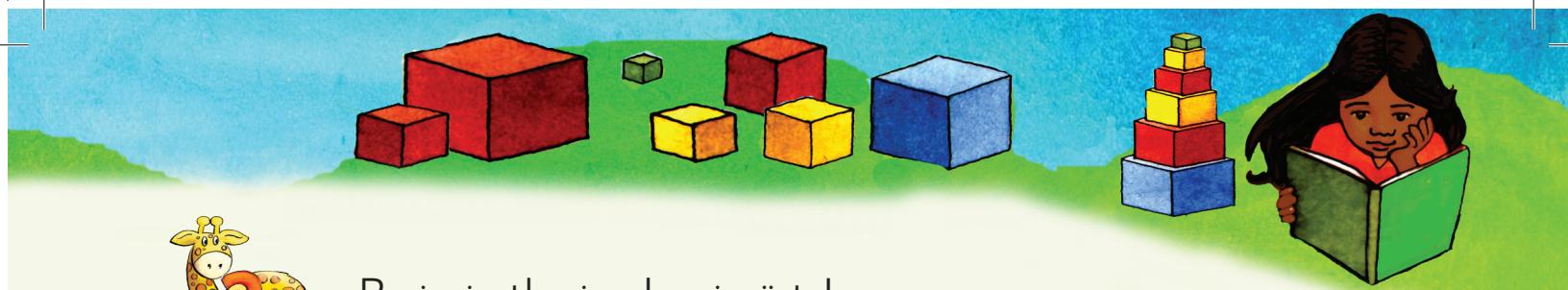
10 \_\_, \_\_, \_\_, \_\_, \_\_,



\_\_3 \_\_, \_\_, \_\_, \_\_, \_\_, \_\_,

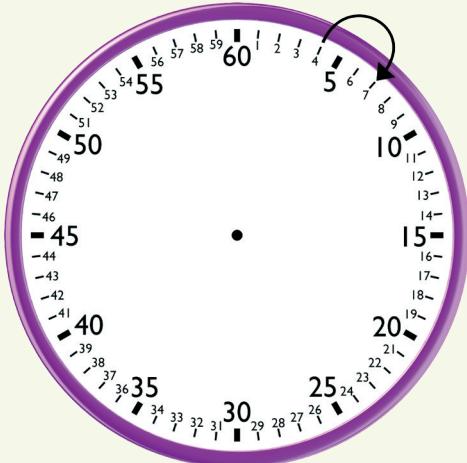
\_\_, \_\_, \_\_, \_\_, \_\_, \_\_, \_\_,

\_\_, \_\_, \_\_, \_\_,

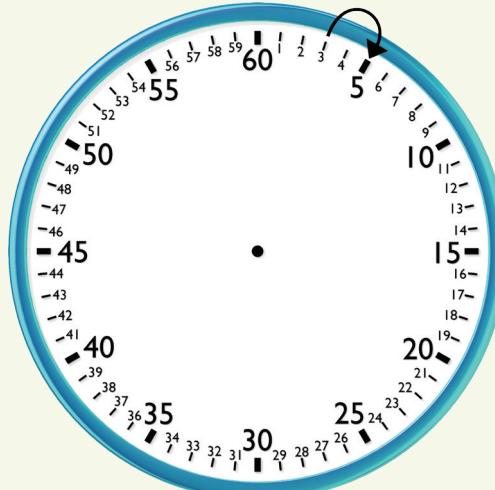


Bonisa ipatheni usebenzise iintolo.

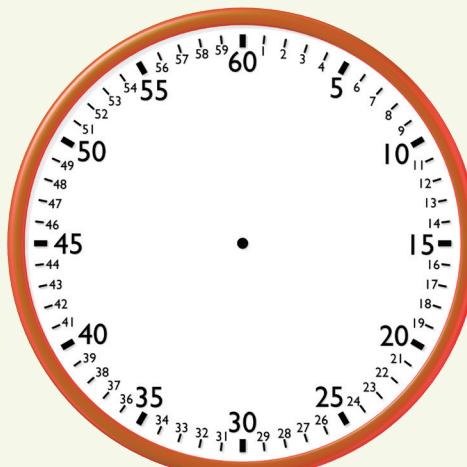
Bala ngezi-3 uqale kwisi-4.



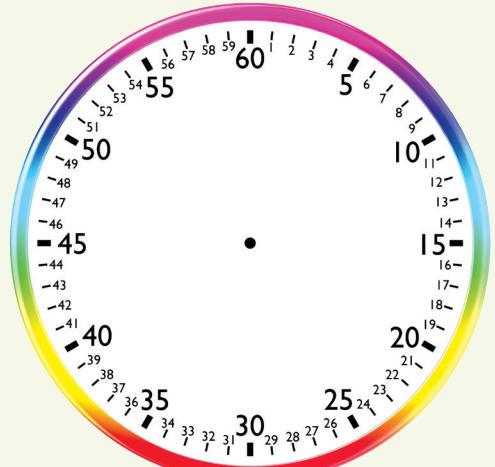
Bala ngezi-2 uqale kwisi-3.



Bala ngama-10 uqale ku-1.



Bala ngezi-5 uqale kwisi-2.



Uya xesha liphi  
esikolweni?



Ugoduka xesha  
liphii?



Isidlo sangokuhlwia  
usitya ngabani ixesha?



Teacher:  
Sign:  
Date:

18a

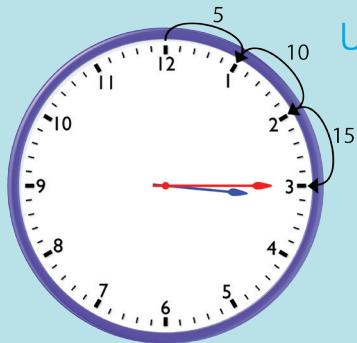


## Iiyure nemizuzu



Ikota yesi-3

Ncokola ngewotshi.



Usiba olufutshane lusibonisa ukuba kusandula kubetha intsimbi yesithathu

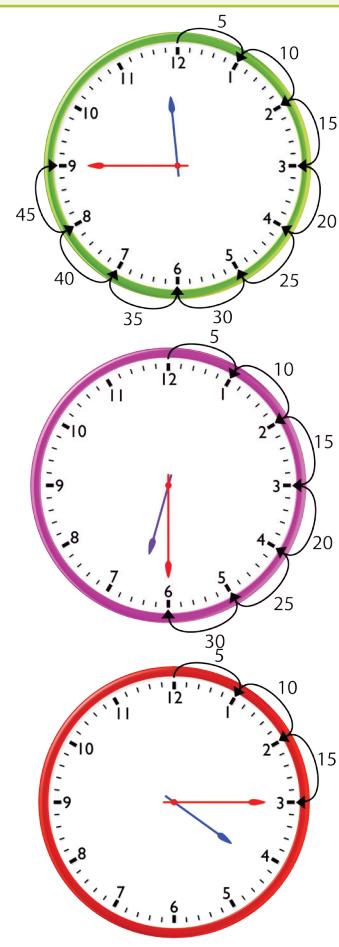
Usiba olude lusibonisa ukuba yimizuzu eli-15.

Sithi ngumkhono emva kwentsimbi yesithathu.

Sithi yimizuzu elishumi elinesihlanu emva kweyure yesithathu.  
Imizuzu elishumi elinesihlanu ilingana nekota yemizuzu engamashumi  
amathandathu (iyure enye).



Ngubani ixesha?



Usiba olufutshane lusibonisa \_\_\_\_\_.

Usiba olude lusibonisa ukuba \_\_\_\_\_.

Sithi ixesha \_\_\_\_\_.

Usiba olufutshane lusibonisa \_\_\_\_\_.

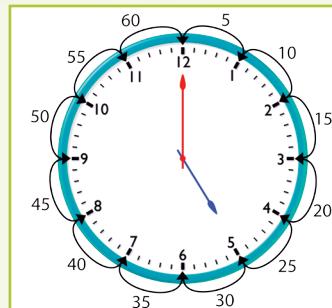
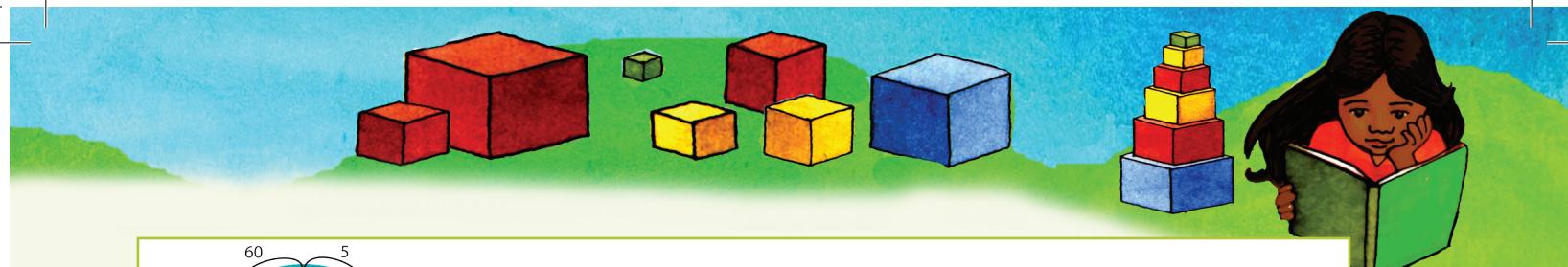
Usiba olude lusibonisa ukuba \_\_\_\_\_.

Sithi ixesha \_\_\_\_\_.

Usiba olufutshane lusibonisa \_\_\_\_\_.

Usiba olude lusibonisa ukuba \_\_\_\_\_.

Sithi ixesha \_\_\_\_\_.



Usiba olufutshane lusibonisa \_\_\_\_\_.

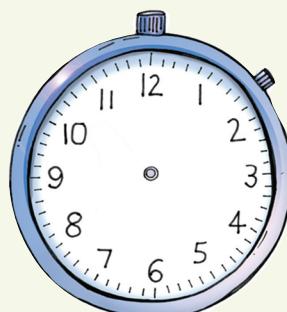
Usiba olude lusibonisa ukuba \_\_\_\_\_.

Sithi ixesha \_\_\_\_\_.



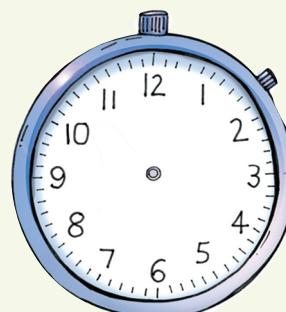
Zoba usiba olude nosiba olufutshane.

**Ngumkhono emva kweyesibini.**

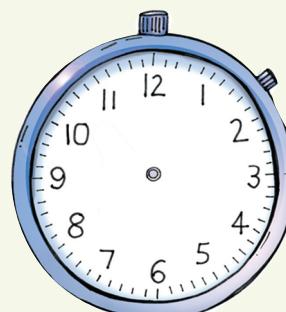
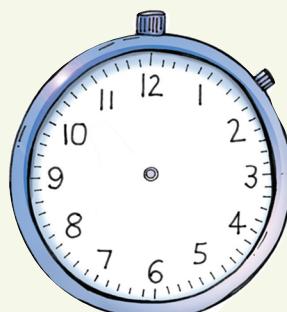


**Yintsimbi yeshumi.**

**Licala emva kweyethoba.**



**Ngumkhono phambi kweyesithandathu.**



Wenza ntoni ngeli xesha phakathi evekini? Zoba umfanekiso.

**Ngumkhono emva kweyesibhozo kusasa.**

**Ngumkhono emva kweyesibhozo ebusuku.**



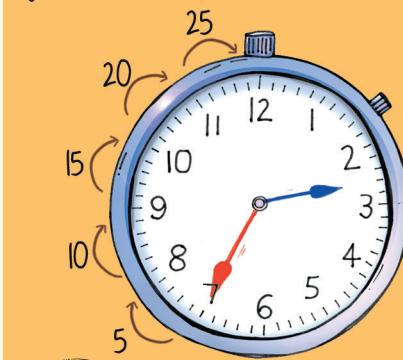

8lb



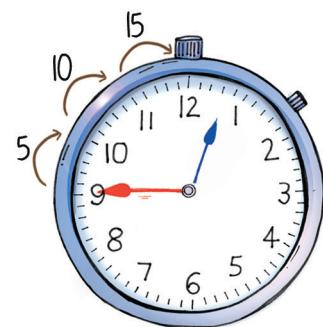
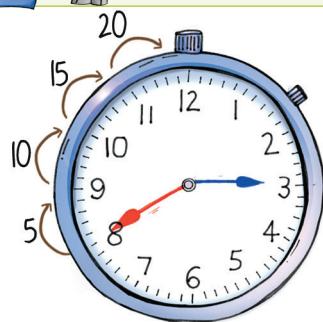
Ikota yesi-3

## Yimizuzu neeyure

Ncokola ngewotshi.



Ngubani ixesha?



Usiba olufutshane lumphambi kwesithathu.

Usiba olude lumi kwimizuzu engama-35.

Yimizuzu engama-25 phambi kokuba usiba olude lube kwi-12.

Sithi ngamashumi amabini anesihlanu phambi kweyesithathu.

Sithetha ukuba yimizuzu engama-25 phambi kweyure yesi-3.

Usiba olufutshane lumi \_\_\_\_\_.

Usiba olude lumi \_\_\_\_\_.

\_\_\_\_\_ phambi kokuba usiba olude lube kwi-12.

Sithi yi \_\_\_\_\_ phambi \_\_\_\_\_.

Usiba olufutshane lumi \_\_\_\_\_.

Usiba olude lumi \_\_\_\_\_.

\_\_\_\_\_ phambi kokuba usiba olude lube kwi-12.

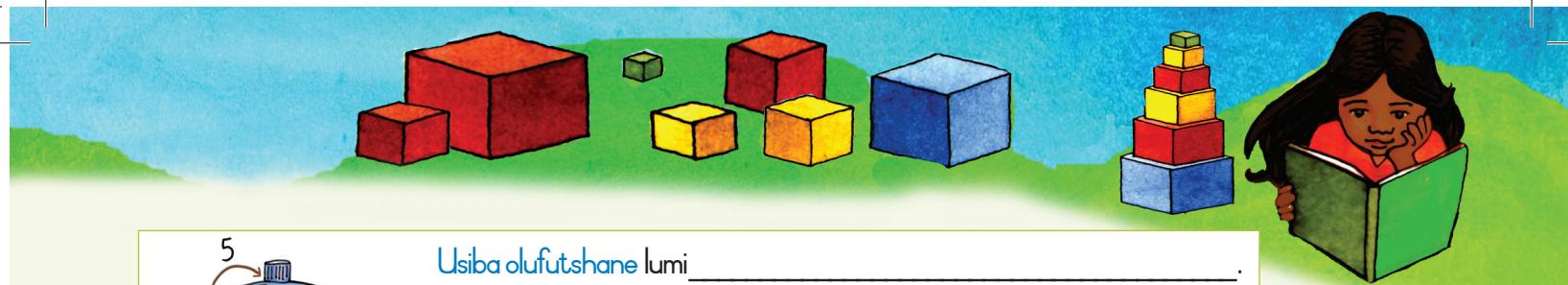
Sithi yi \_\_\_\_\_ phambi \_\_\_\_\_.

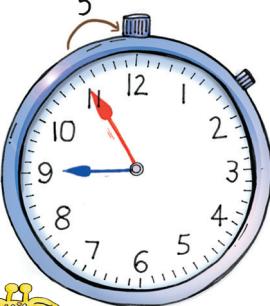
Usiba olufutshane lumi \_\_\_\_\_.

Usiba olude lumi \_\_\_\_\_.

\_\_\_\_\_ phambi kokuba usiba olude lube kwi-12.

Sithi yi \_\_\_\_\_ phambi \_\_\_\_\_.



 Usiba olufutshane lumi \_\_\_\_\_.

Usiba olude lumi \_\_\_\_\_.

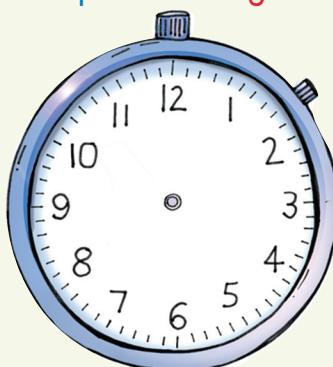
\_\_\_\_\_ phambi kokuba usiba olude lube kwi-12.

Sithi yi \_\_\_\_\_ phambi \_\_\_\_\_.

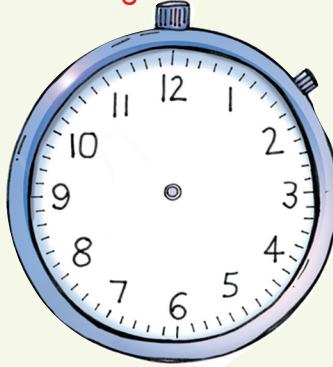


Zoba usiba olude nolufutshane ubonise oku:

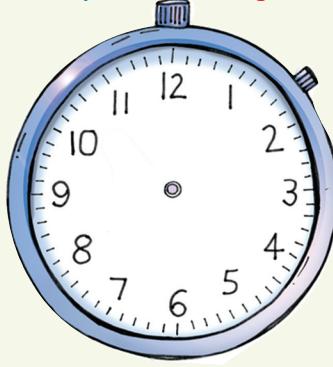
Mihlanu phambi kweyesibhozo.



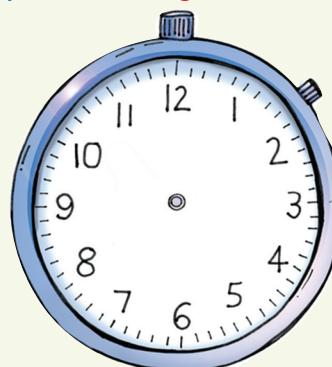
Lishumi elinesithathu phambi kweyesixhenxe.



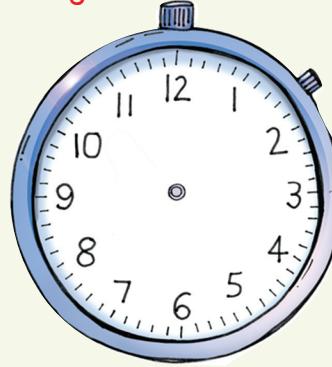
Mihlanu phambi kweyokuqala.



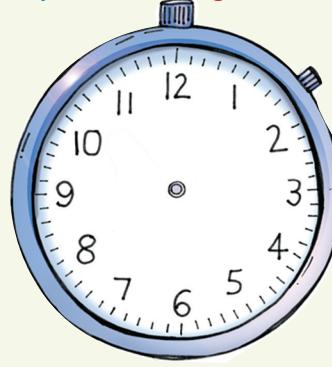
Ngamashumi amabini phambi kweyesithathu.



Lishumi elinesibini phambi kweyeshumi elinesibini.



Ilishumi phambi kweyesithandathu.



Teacher:
Sign:
Date:



Umhla:

## Ukudibanisa okuphindiweyo

Ndineengxowa ezi-3 ezineelekese ezi-2 inye.

Oku ndingakubhala ngolu hlolo  
 $2 + 2 + 2 = 6$  okanye  
 $3 \times 2 = 6$

Ndineengxowa ezi-3 ezineelekese ezi-5 kuzo.

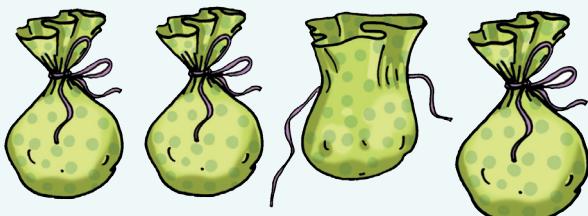
Oku ndingakubhala ngolu hlolo  
 $5 + 5 + 5 = 15$   
okanye  $3 \times 5 = 15$



Jonga iingxowa ezineelekese:

- Bhala isivakalisi sesibalo ngasinye.
- Bhala isibalo sokudibanisa.
- Bhala isibalo sokuphinda-phinda

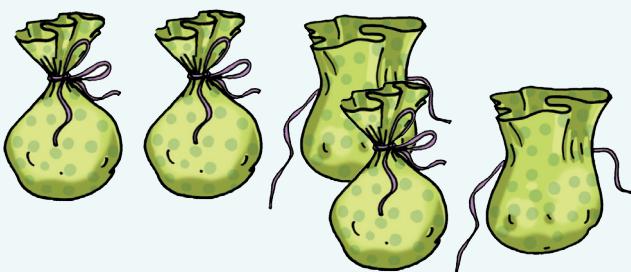
Ingxowa nganye ineelekese ezi-2.



Isivakalisi: amaqela ama-4 ezibini

Isibalo sokudibanisa:  $2 + 2 + 2 + 2 =$  \_\_\_\_\_Isibalo sokuphinda-phinda:  $4 \times 2 =$  \_\_\_\_\_

Ingxowa nganye ineelekese ezi-5.

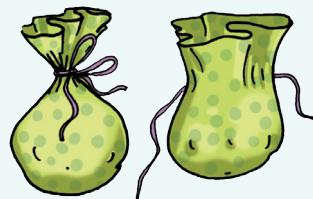


Isivakalisi: \_\_\_\_\_

Isibalo sokudibanisa: \_\_\_\_\_

Isibalo sokuphinda-phinda: \_\_\_\_\_

Ingxowa nganye ineelekese ezi-2.

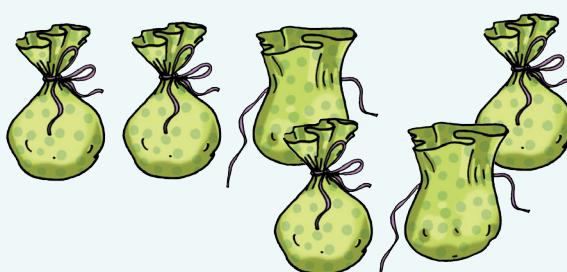


Isivakalisi: \_\_\_\_\_

Isibalo sokudibanisa: \_\_\_\_\_

Isibalo sokuphinda-phinda: \_\_\_\_\_

Ingxowa nganye ineelekese ezi-2.

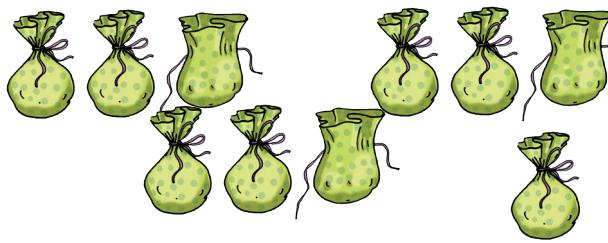
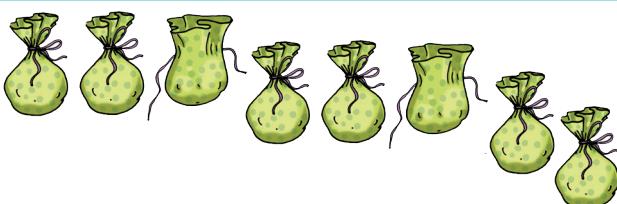


Isivakalisi: \_\_\_\_\_

Isibalo sokudibanisa: \_\_\_\_\_

Isibalo sokuphinda-phinda: \_\_\_\_\_



 <p>Isivakalisi: amaqela asi-7 ezi-4 Isibalo sokudibanisa: <math>4 + 4 + 4 + 4 + 4 + 4 + 4 = 28</math> Isibalo sokuphinda-phinda: <math>7 \times 4 = 28</math></p>	 <p>Isivakalisi: Isibalo sokudibanisa: Isibalo sokuphinda-phinda:</p>
 <p>Isivakalisi: Isibalo sokudibanisa: Isibalo sokuphinda-phinda:</p>	 <p>Isivakalisi: Isibalo sokudibanisa: Isibalo sokuphinda-phinda:</p>



Gqibezela le theyibhile yokuphinda-phinda.

$\times$	1	2	3	4	5	6	7	8	9	10
2				6						
4						20				
5										50

<p>Ndineebhokisi ezintlanu ezineemafini ezimbini inye. Zingaphi iimafini endinazo zizonke?</p> 	<p>Ndineebhokisi ezine ezineekeyikana ezintlanu inye. Zingaphi iickeyikana endinazo zizonke?</p> 	<p>Ndineebhokisi ezintathu ezinamafetshu amane inye. Mangaphi amafetshu endinawo ewonke?</p> 
--	--	--





Umhla:

## Phinda-phinda ngesi-5

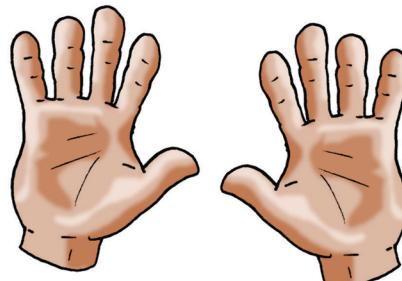
Ikota yesi-3

Unyawo olunye luneenzwane ezi-5.



Zingaphi iinzwane zizonke?

Isandla esinye sineminwe emi-5.



Mingaphi iminwe iyonke?



Gqibezela:

Iinzwane  
kunyawo olunye

×

= 

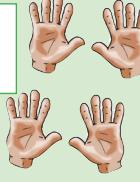

×

= Iminwe  
kwisandla esinyeIinzwane  
kunyawo olunye

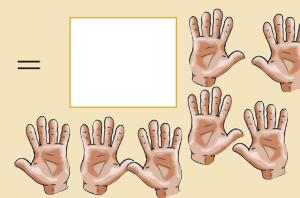
×

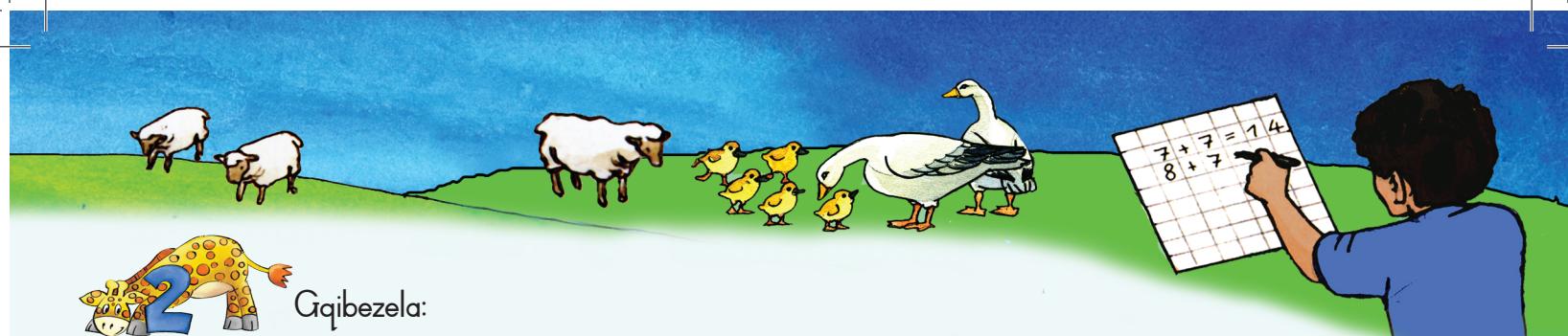
= Iminwe  
kwisandla esinye
= Iinzwane  
kunyawo olunye

×

= Iminwe  
kwisandla esinye
= Iinzwane  
kunyawo olunye

×

= Iminwe  
kwisandla esinye
=



Gqibezela:

5	10	15						
50	45	40						



Gqibezela:

$5 \times$ = <input type="text"/> ama-apile	$4 \times$ = <input type="text"/> iibhanana
$6 \times$ = <input type="text"/> iibhanana	$7 \times$ = <input type="text"/> ama-apile



Gqibezela:

$15 \times 5 =$ <input type="text"/>	$12 \times 5 =$ <input type="text"/>
$1 \quad 0$ $5 \times 5$ = $1 \quad 0 + 5 \times 5$ = $1 \quad 0 \times 5 + 5 \times 5$ = $50 + 25$ = $75$	$1 \quad 0$ $2 \times 5$ = <input type="text"/> + <input type="text"/> $\times$ <input type="text"/> = <input type="text"/> $\times$ <input type="text"/> + <input type="text"/> $\times$ <input type="text"/> = <input type="text"/> + <input type="text"/> = <input type="text"/>
$14 \times 5 =$ <input type="text"/>	$13 \times 5 =$ <input type="text"/>
$1 \quad 0$ $4 \times 5$ = <input type="text"/> + <input type="text"/> $\times$ <input type="text"/> = <input type="text"/> $\times$ <input type="text"/> + <input type="text"/> $\times$ <input type="text"/> = <input type="text"/> + <input type="text"/> = <input type="text"/>	$1 \quad 0$ $3 \times 5$ = <input type="text"/> + <input type="text"/> $\times$ <input type="text"/> = <input type="text"/> $\times$ <input type="text"/> + <input type="text"/> $\times$ <input type="text"/> = <input type="text"/> + <input type="text"/> = <input type="text"/>

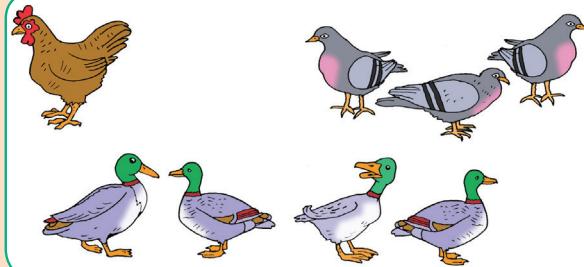




Umhla:

## Phinda-phinda ka-2

Zonke iintaka zinamanqina ama-2.



Mangaphi amanqina akulo mfaneleko ewonke?

Mangaphi amaphiko akulo mfaneleko ewonke?

Zonke iintaka zinamaphiko ama-2.



Jonga emfanekisweni uze ugqibezele oku kulantelayo.

amahobe



$$\boxed{\phantom{0}} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Inani lamahobe Amanqina entaka nganye

$$\boxed{\phantom{0}} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Inani lamahobe Amaphiko entaka nganye

amadada



$$\boxed{\phantom{0}} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Inani lamadada Amanqina entaka nganye

$$\boxed{\phantom{0}} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Inani lamadada Amaphiko entaka nganye



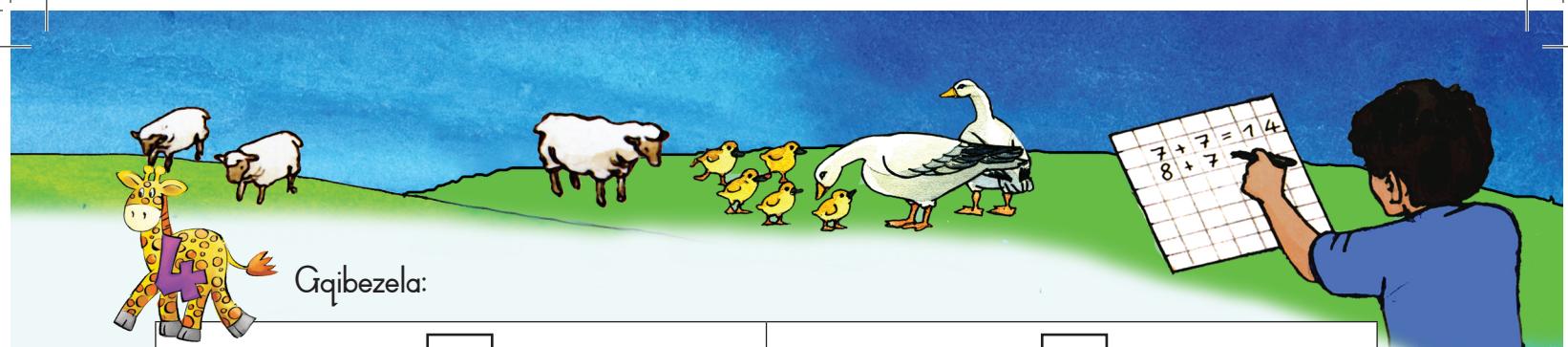
Gqibezela:

2	4	6							
---	---	---	--	--	--	--	--	--	--



Gqibezela:

$5 \times$ = <input type="text"/> ama-apile	$4 \times$ = <input type="text"/> iibhana
$6 \times$ = <input type="text"/> iibhana	$7 \times$ = <input type="text"/> ama-apile



Gqibeza:

$$12 \times 2 = \boxed{\phantom{00}}$$

$$\begin{array}{r} 1 \quad 0 \\ \textcolor{red}{2} \end{array} \times 2$$

$$= \begin{array}{r} 1 \quad 0 \\ \textcolor{red}{2} \end{array} \times 2$$

$$= \begin{array}{r} 1 \quad 0 \\ \textcolor{red}{2} \end{array} \times 2 + \begin{array}{r} 1 \quad 0 \\ \textcolor{red}{2} \end{array} \times 2$$

$$= 20 + 4$$

$$= 24$$



$$15 \times 2 = \boxed{\phantom{00}}$$

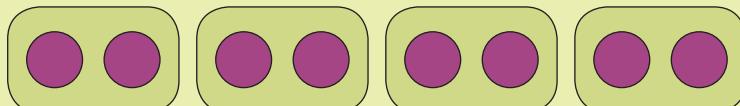
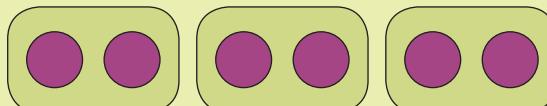
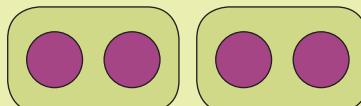
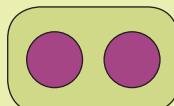
$$\begin{array}{r} 1 \quad 0 \\ \textcolor{red}{5} \end{array} \times 2$$

$$= \boxed{\phantom{00}} + \boxed{\phantom{00}} \times \boxed{\phantom{0}}$$

$$= \boxed{\phantom{00}} \times \boxed{\phantom{0}} + \boxed{\phantom{00}} \times \boxed{\phantom{0}}$$

$$= \boxed{\phantom{00}} + \boxed{\phantom{0}}$$

$$= \boxed{\phantom{00}}$$



$$2 + 2 + 2 + 2 = 8$$

okanye

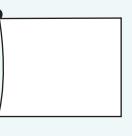
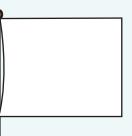
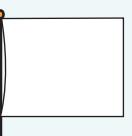
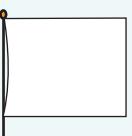
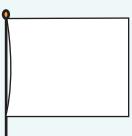
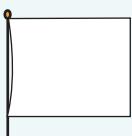
$$4 \times 2 = 8$$

okanye

$$8 \div 2 = 4$$

Olu phawu  
lolokwahlula.

Zoba iinkwenkwezi ezi-2 kwiflegi nganye.



$$2 + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



Zingaphi iibloko ezikhoyo kwezi zixwexwe zetshokolethi?

$$\underline{\quad} \times \underline{\quad} =$$

$$\underline{\quad} \times \underline{\quad} =$$



11

12

13

14

15

16

17

18

19

20

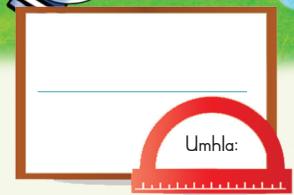
85a



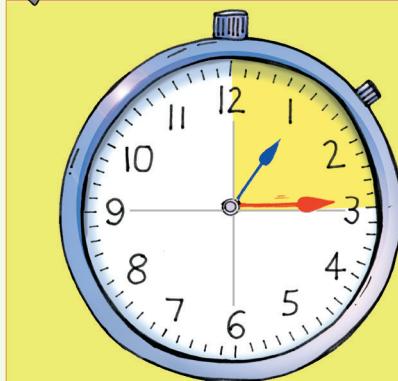
Ncokola ngewotshi.



## Ngumkhono emva



Ikota yesi-3



Usiba olufutshane ludlule nje kancinci ku-l.

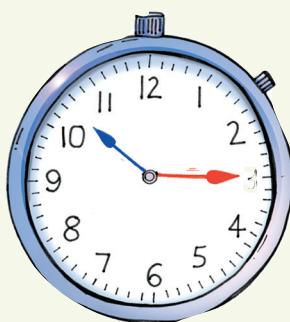
Usiba olude lumi kwimizuzu elishumi elinesihlanu.

Sithi ngumkhono emva kweyokuqala.

Sithetha ukuba yikota yeyure (imizuzu eli-15)  
emva kweyure yokuqala.



Ngubani ixesha?



Usiba olufutshane ludlule nje \_\_\_\_\_.

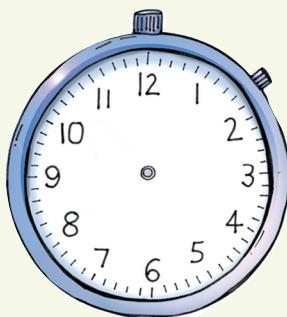
Usiba olude lumi kwimizuzu e \_\_\_\_\_.

Sithi \_\_\_\_\_ emva \_\_\_\_\_.

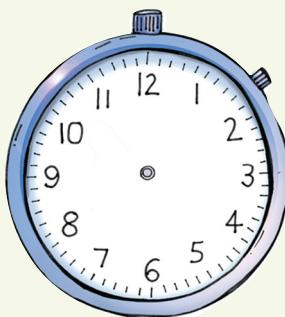


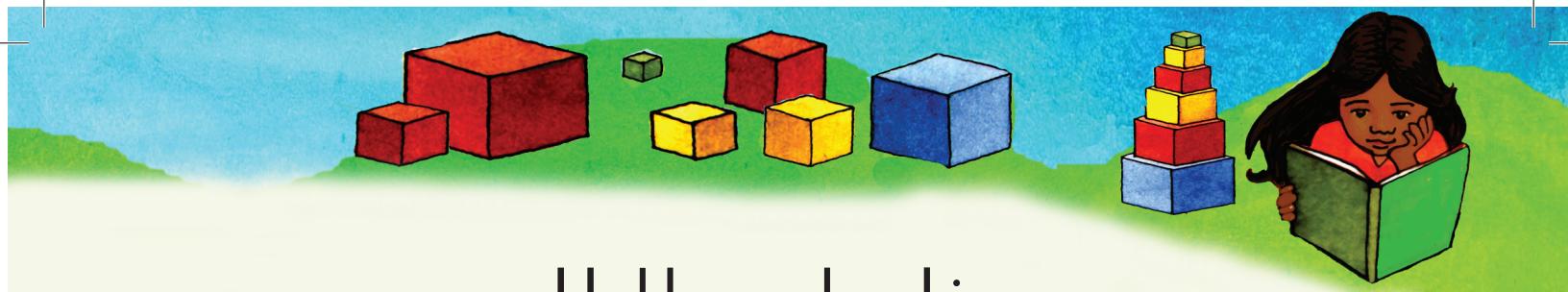
Zoba usiba olude kune nosiba olufutshane.

Ngumkhono emva kweye-8.



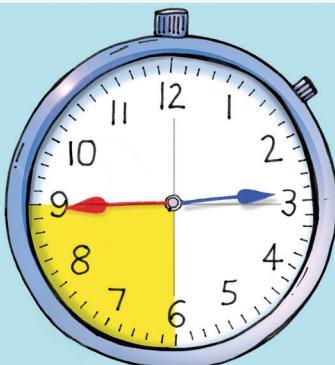
Ngumkhono emva kweye-3.





## Umkhono phambi

Ncokola ngewotshi.



Usiba olufutshane lumphambi kwestithathu.

Usiba olude lumi kwimizuzu engamashumi amane anesihlanu.

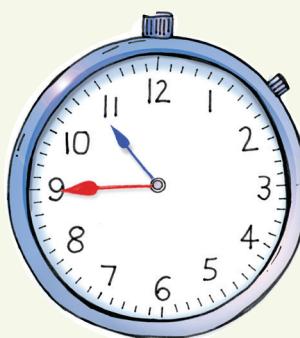
Sithi ngumkhono phambi kweyesithathu.

Sithetha ukuba yikota yeyure (imizuzu eli-15)

phambi kweyure yesithathu.



Ngubani ixesha?



Usiba olufutshane lumphambi \_\_\_\_\_.

Usiba olude lumi kwimizuzu e\_\_\_\_\_.

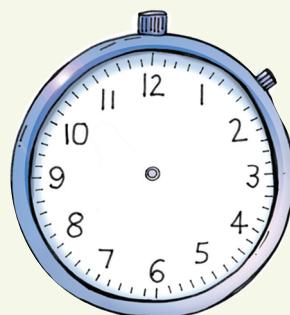
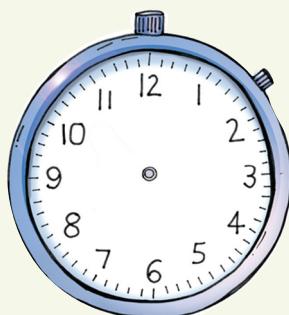
Sithi ngu \_\_\_\_\_ phambi \_\_\_\_\_.



Zoba usiba olude kunye nosiba olufutshane.

Ngumkhono phambi kweyesi-4.

Ngumkhono phambi kweyesi-8.



85b



## Ixesha liyahamba

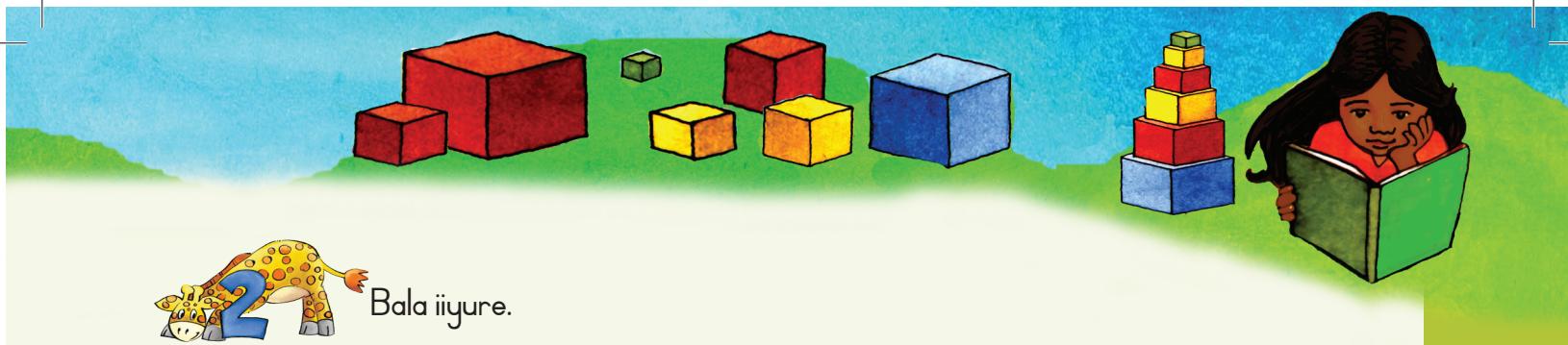
Umhla:

Ikota yesi-3

Iiyure ezi-2	Iiyure ezi-2	Iyure e-1

Kuthathe ixesha elingakanani ukwenza oku?



Bala iiyure.

Zingaphi iiyure ukusuka kwintsimbi yesi-4 ukuya kwintsimbi yesi-7? \_\_\_\_\_

Zingaphi iiyure ukusuka kwintsimbi yesi-8 ukuya kwintsimbi ye-12? \_\_\_\_\_

Zingaphi iiyure ukusuka kwintsimbi yoku-1 ukuya kwintsimbi yesi-8? \_\_\_\_\_

Zingaphi iiyure ukusuka kwintsimbi yesi-5 ukuya kwintsimbi ye-10? \_\_\_\_\_

Zingaphi iiyure ukusuka kwintsimbi yesi-2 ukuya kwintsimbi ye-11? \_\_\_\_\_



Zoba umfanekiso.

UBongi uye kwikhaya lomhlobo wakhe ngentsimbi ye-10 ngentsasa yango Mgqibelo.  
Wagoduka ngentsimbi yesi-3 emva kwemini. Ziiyure ezingaphi engekho?



ULizo waya kuloba kanye notata wakhe. Bahamba ngentsimbi yesi-4 kusasa  
baze bafika ekhaya ngentsimbi ye-10 ebusuku. Bebengekho iiyure ezingaphi?

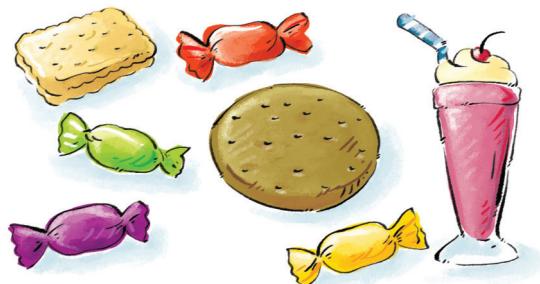




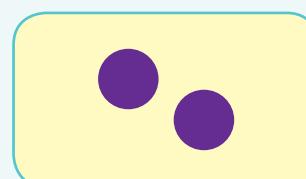
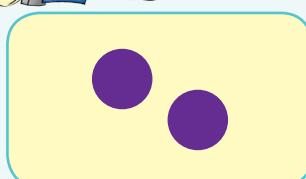
## Phinda-phinda kabini

Umhla:

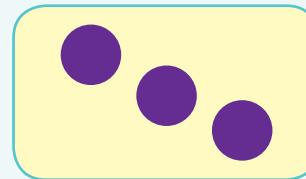
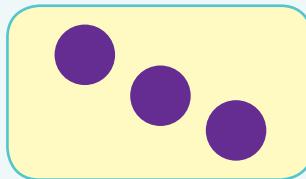
Jonga kumfanekiso wokuqala nowesibini. Kwenzeke ntoni?



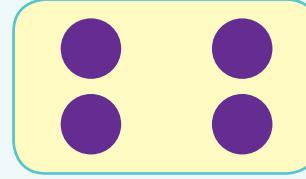
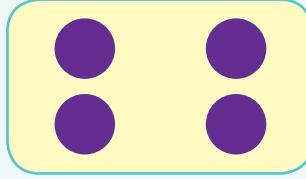
Dibanisa amachokoza, uze ubhale isibalo ngasinye.



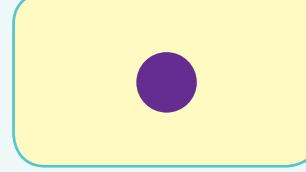
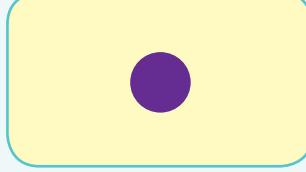
$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



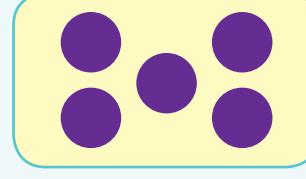
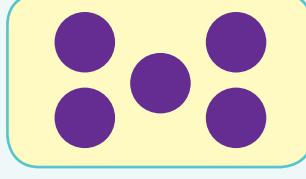
$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



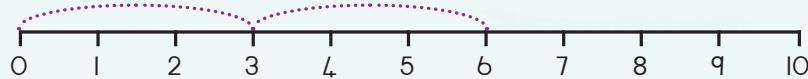
$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



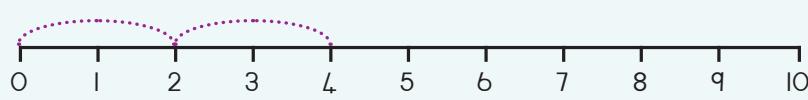
$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



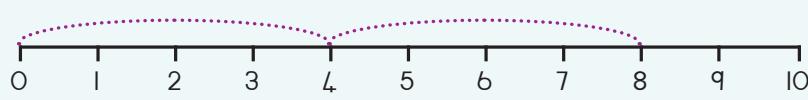
Sebenzisa imigca-manani ubhale isibalo.



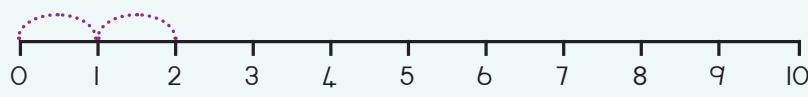
$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



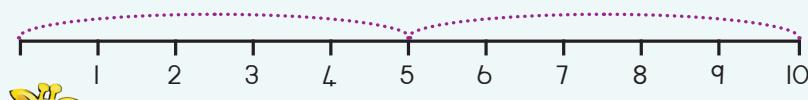
$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Phinda-phinda kabini oku kulandelayo:

Phinda-phinda  
u-1 kabini

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$2 \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Phinda-phinda ezi-2  
kabini

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$2 \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Phinda-phinda ezi-3  
kabini

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$2 \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Phinda-phinda ezi-4  
kabini

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$2 \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Phinda-phinda ezi-5  
kabini

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$2 \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

**24 68 10 12 14**



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

11 12 13 14 15 16 17 18 19 20

87

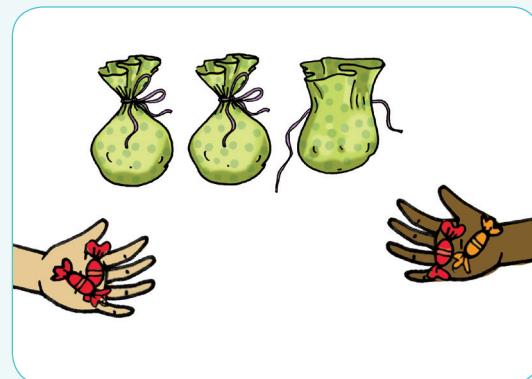


Ikota yesi-3

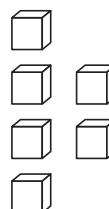


## Ukuphinda kabini nokwahlula kubini

Jonga le mifanekiso mibini. Zenzele elakho ibali.

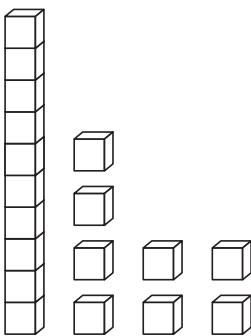


Bala izinto ezikhoyo uze ufakele umbala kwisiqingatha sazo.



Bala

Isiqingatha



Bala

Isiqingatha



Gqibeza oku uze uzobe umfanekiso.

I-12 eliphindwe kabini likunika

 + 


Gqibeza:

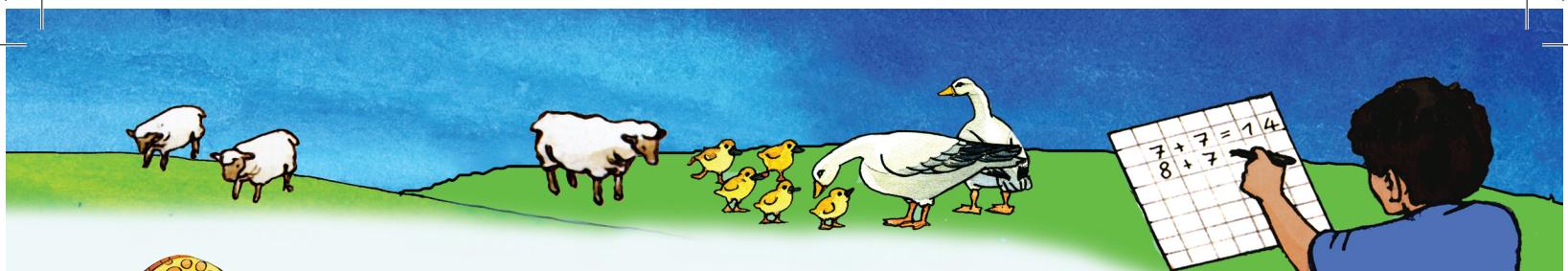
14	

8	

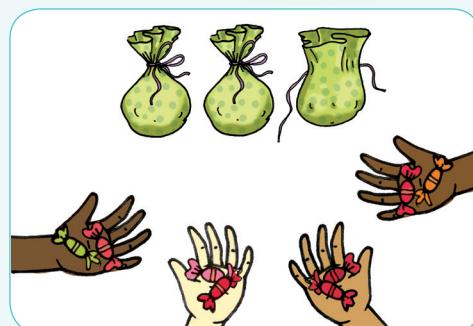
2	

16	

	9



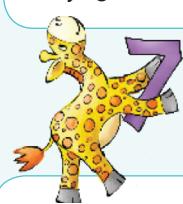
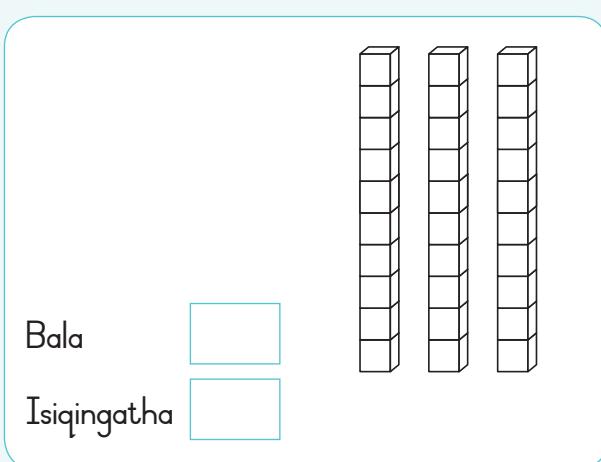
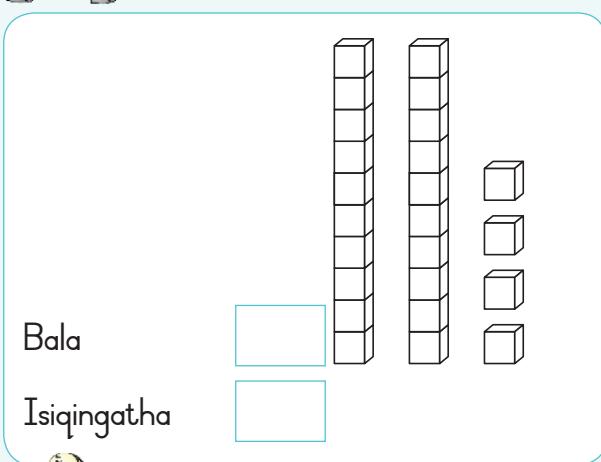
Jonga le mifanekiso mibini. Zenzele ibali lakho.



Kukho iilekese ezili-10 engxoweni.



Bala izinto ezikhoyo uze ufakele umbala kwisiqingatha sazo.



Gqibeza oku uze uzobe umfanekiso.

$$I-16 \text{ eliphindwe} \\ \text{kabini likunika}$$

<input type="text"/>	<input type="text"/>
----------------------	----------------------

$$\boxed{\phantom{0}} + \boxed{\phantom{0}}$$



<b>34</b>			<b>36</b>	<b>40</b>
<input type="text"/>	<input type="text"/>	<b>22</b>	<input type="text"/>	<input type="text"/>



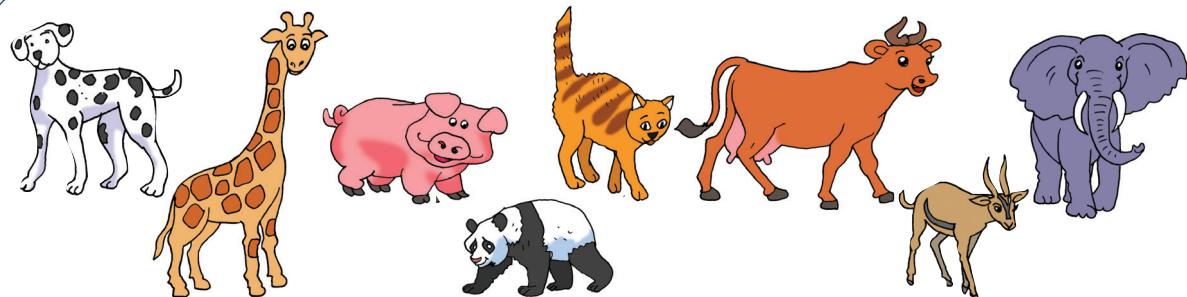


Umhla:

## Okunye ukuphinda-phinda

Zonke ezi zilwanyana zinemilenze emi-4.

Zonke ezi zilwanyana zinamehlo ama-2.

Mangaphi amanqina akulo  
mfanekiso ewonke?Zingaphi iindlebe ezikulo  
mfanekiso zizonke?

Jonga emfanekisweni uze ugqibezele oku kulandelayo:

<input type="text"/>	$\times$	<input type="text"/>	$=$	<input type="text"/>
Inani lezinja		Amanqina esilwanyana ngasinye		

<input type="text"/>	$\times$	<input type="text"/>	$=$	<input type="text"/>
Inani lezinja		Amehlo esilwanyana ngasinye		

Izilwanyana  
zasendle

<input type="text"/>	$\times$	<input type="text"/>	$=$	<input type="text"/>
Inani lezilwanyana		Imilenze yesilwanyana ngasinye		

<input type="text"/>	$\times$	<input type="text"/>	$=$	<input type="text"/>
Inani lezilwanyana		Iindlebe zesilwanyana ngasinye		



Gqibezela:

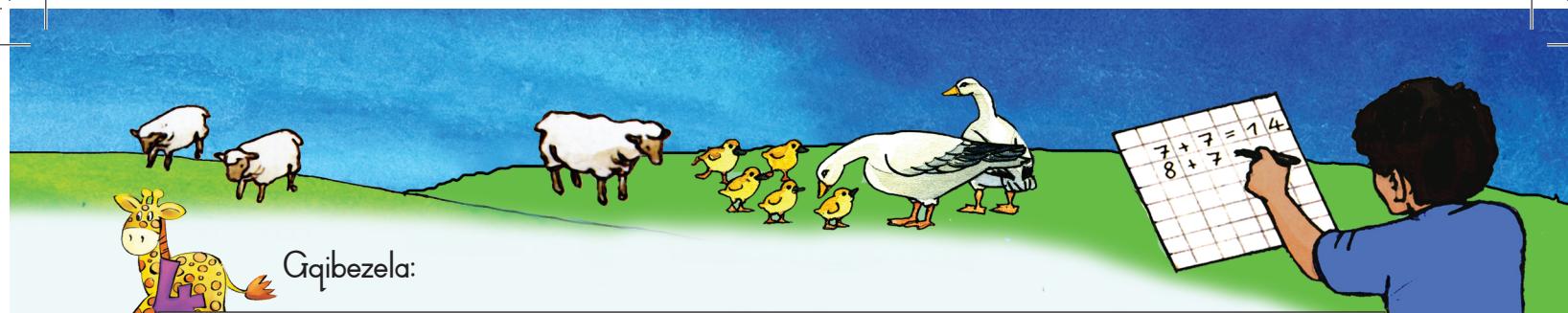
4	8	12	<input type="text"/>					
---	---	----	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

40	36	32	<input type="text"/>					
----	----	----	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------



Gqibezela:

$5 \times$ = <input type="text"/> ama-apile	$4 \times$ = <input type="text"/> iibbanana
$6 \times$ = <input type="text"/> iibbanana	$7 \times$ = <input type="text"/> ama-apile



Gqibezela:

$$14 \times 4 = \boxed{\phantom{00}}$$

$$\begin{array}{r} 1 \quad 0 \\ \times 4 \\ \hline \end{array}$$

$$= \begin{array}{r} 1 \quad 0 \\ + 4 \\ \hline \end{array} \times 4$$

$$= \begin{array}{r} 1 \quad 0 \\ \times 4 \\ \hline \end{array} + \begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$$

$$= 40 + 16$$



$$= 56$$

$$15 \times 4 = \boxed{\phantom{00}}$$

$$\begin{array}{r} 1 \quad 0 \\ \times 5 \\ \hline \end{array}$$

$$= \begin{array}{r} \boxed{\phantom{00}} \\ + \boxed{\phantom{00}} \\ \times \boxed{\phantom{00}} \end{array}$$

$$= \begin{array}{r} \boxed{\phantom{00}} \\ \times \boxed{\phantom{00}} \\ + \boxed{\phantom{00}} \times \boxed{\phantom{00}} \end{array}$$

$$= \begin{array}{r} \boxed{\phantom{00}} \\ + \boxed{\phantom{00}} \end{array}$$

$$= \boxed{\phantom{00}}$$



Abahlolo ababini badlala ngeeseti zeti ezimbini. Emva koko bayazihlela. Kufuneka bathini ukuze bafumane ngokulinganayo into nganye?



Gqibezela.



Yaba amapetyu ali-19 phakathi kwabantwana aba-4 ngokulinganayo.

Yaba iipenisile ezingama-22 phakathi kwabantwana aba-4 ngokulinganayo.

Emnye ufumana

Kushiyeka

Emnye ufumana

Kushiyeka



Zoba imifanekiso ubonise impendulo yakho.

Yaba iibhisikithi ezingama-23 phakathi kwabantwana aba-4 ngokulinganayo.

Yaba oobhompi abali-15 phakathi kwabantwana aba-4 ngokulinganayo.

Emnye ufumana

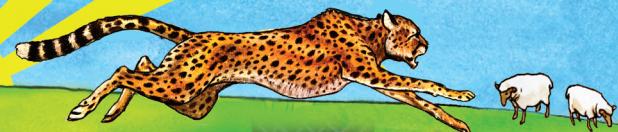
Kushiyeka

Emnye ufumana

Kushiyeka



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## Iipatheni zamanani

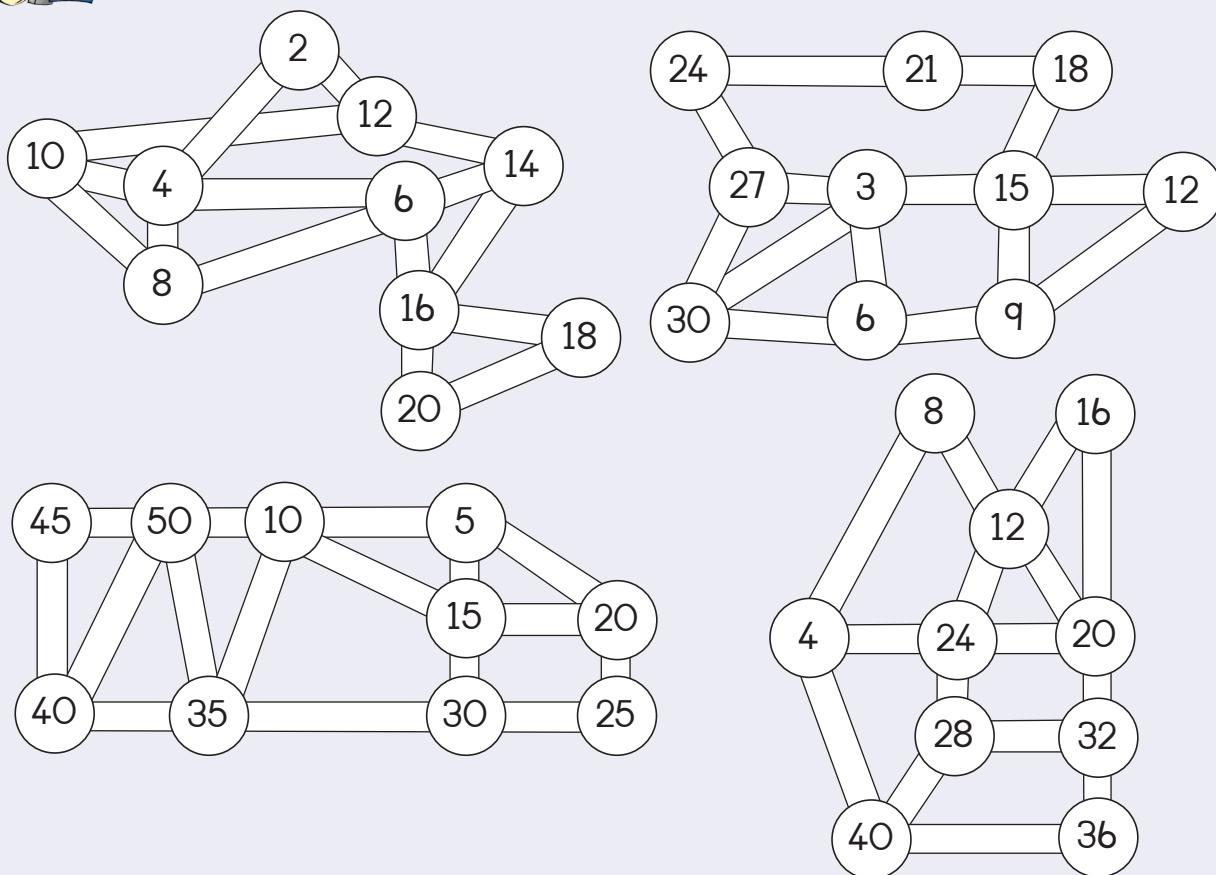
Ikota yesi-3



Iza kuba leliphi inani kwigqabi elilandelayo?



Chonga ipatheni. Zoba indlela, qala ngelona nani lincinci.





Zoba amasiba kwezi wotshi uze ugqibezele ipatheni yamaxesha.

4:20	4:25	_____ : _____	_____ : _____	_____ : _____
11:10	11:20	11:30	_____ : _____	_____ : _____
9:25	9:40	9:55	_____ : _____	_____ : _____
10:30	10:35	10:40	_____ : _____	_____ : _____
5:10	5:20	5:30	_____ : _____	_____ : _____



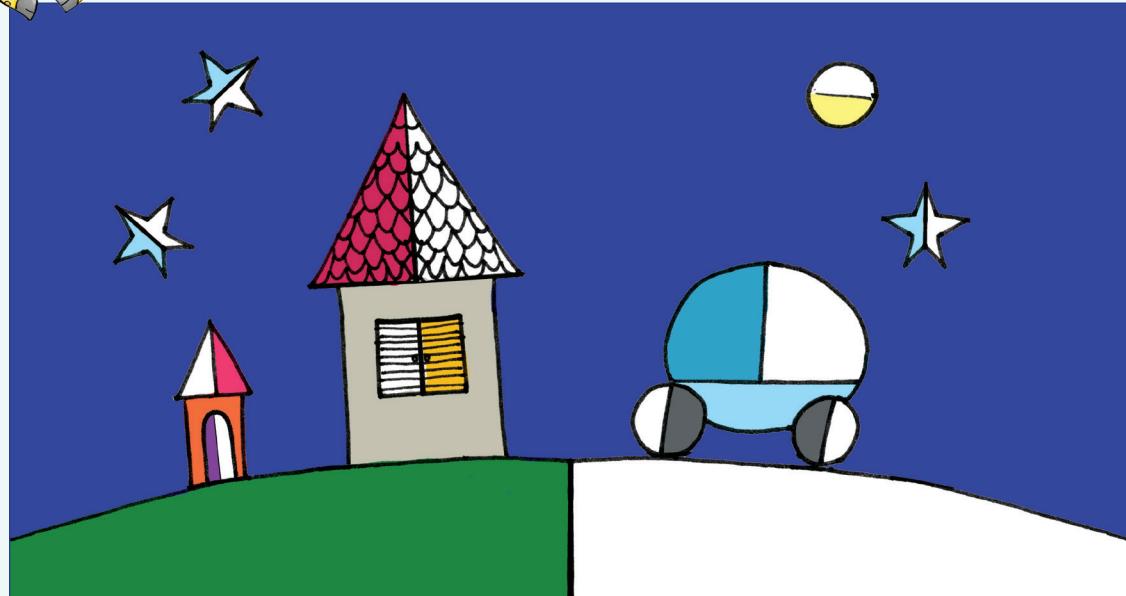
Teacher:  
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Date:

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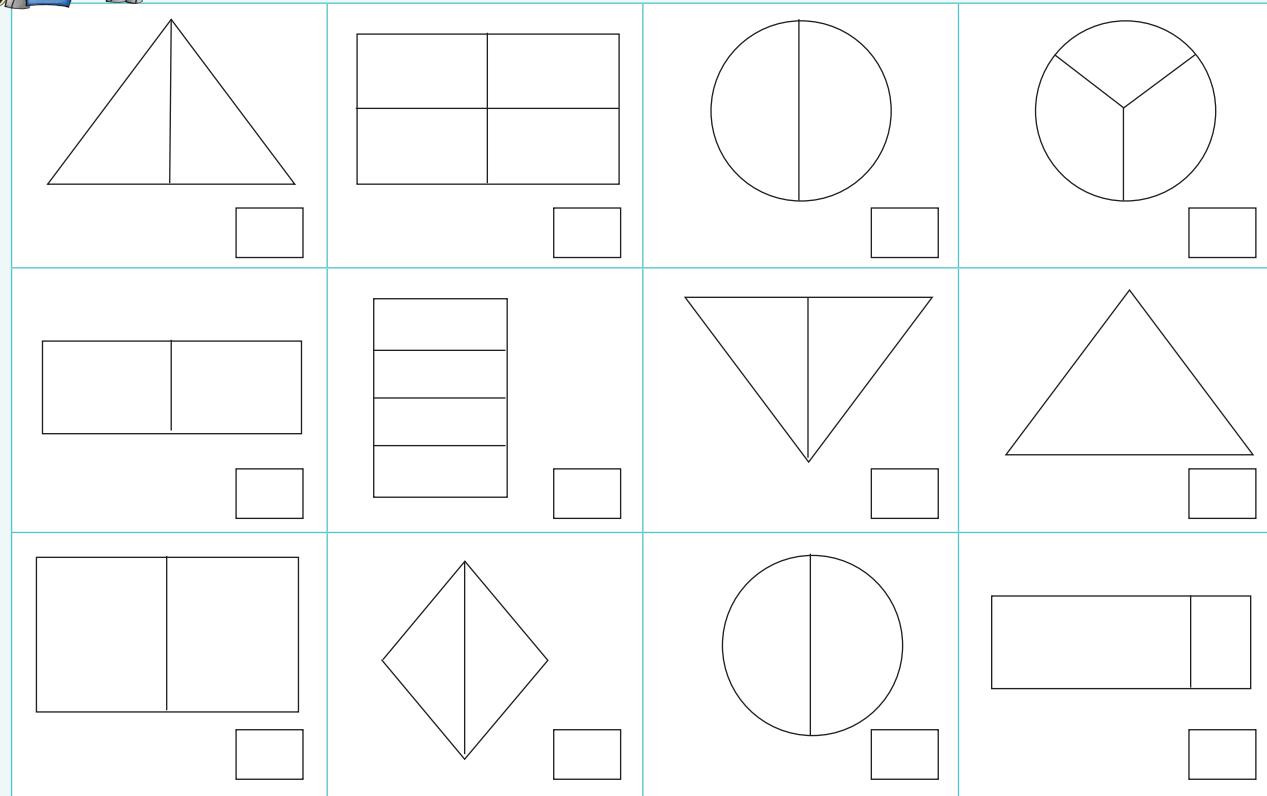


## Amaqhezu – iziqingatha (iihafu)

Jonga umfanekiso. Faka umbala ofanayo kwezinye iziqingatha.

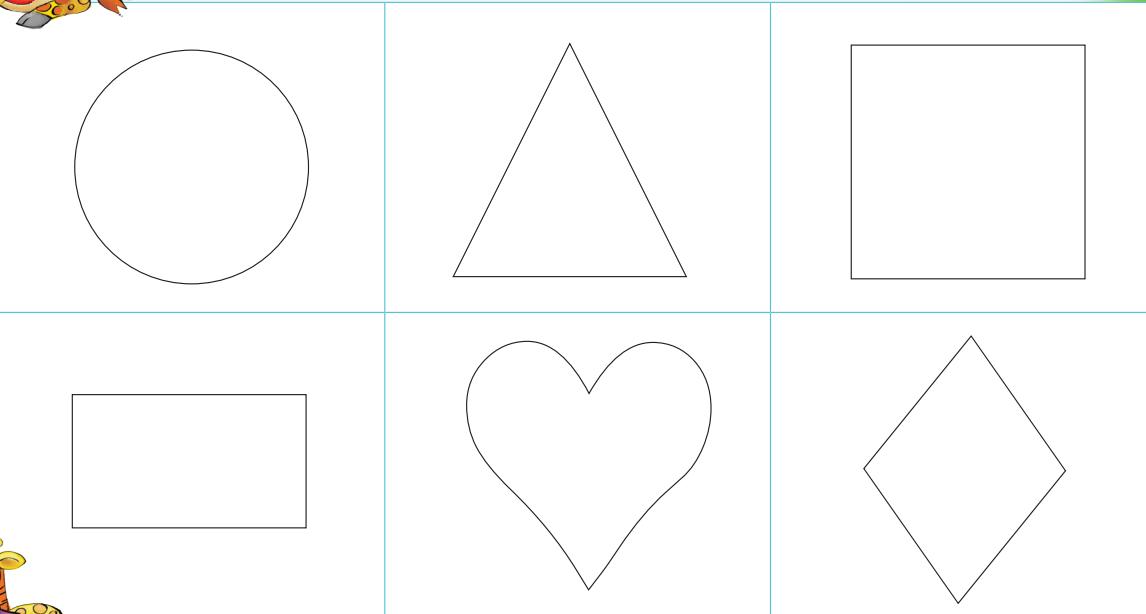


Jonga emfanekisweni. Phawula iimilo ezibonisa iziqingatha.  
Fakela umbala kwisiqingatha semilo nganye eyahlulwe yaziziqingatha.

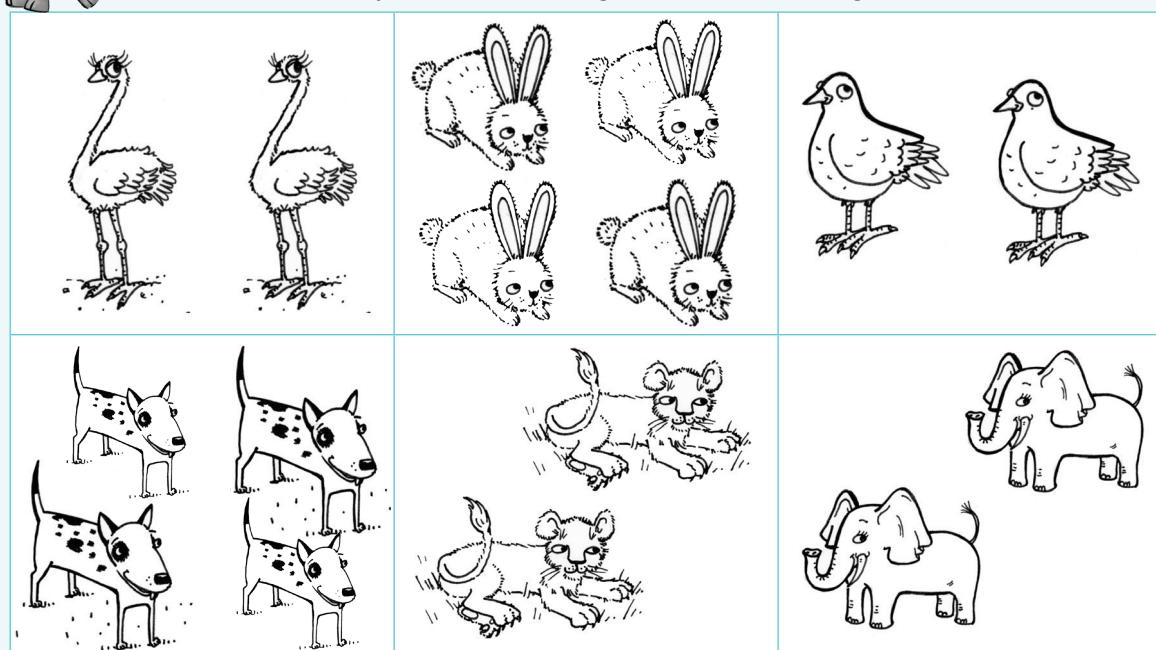




Fakela umbala kwisiqingatha semilo nganye.



Faka umbala kwisiqingatha sezilwanyana kwibloko nganye.



isiqingatha isiqingatha

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Date:

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## Amaqhezu – ezinye iziqingatha

Jonga emfanekisweni. Limele ntoni eli nani?

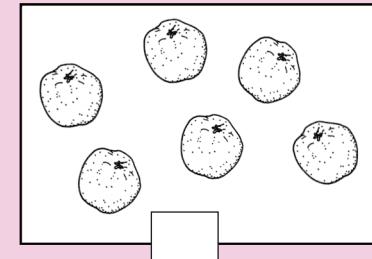
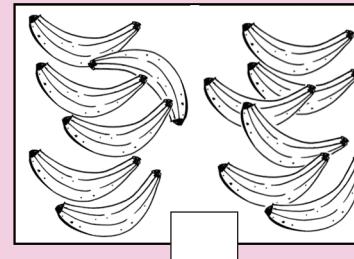
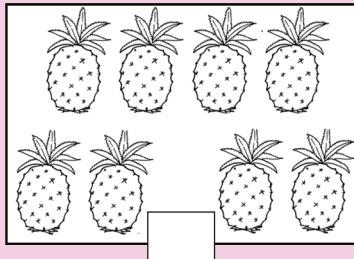
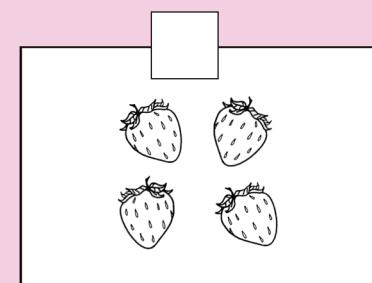
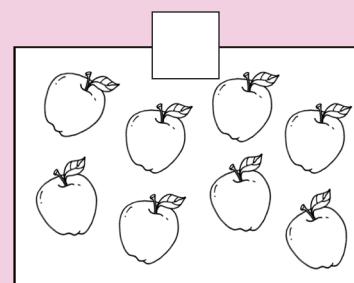
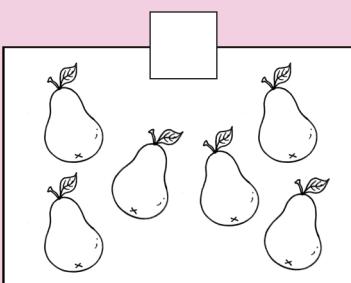
Ikota yesi-3

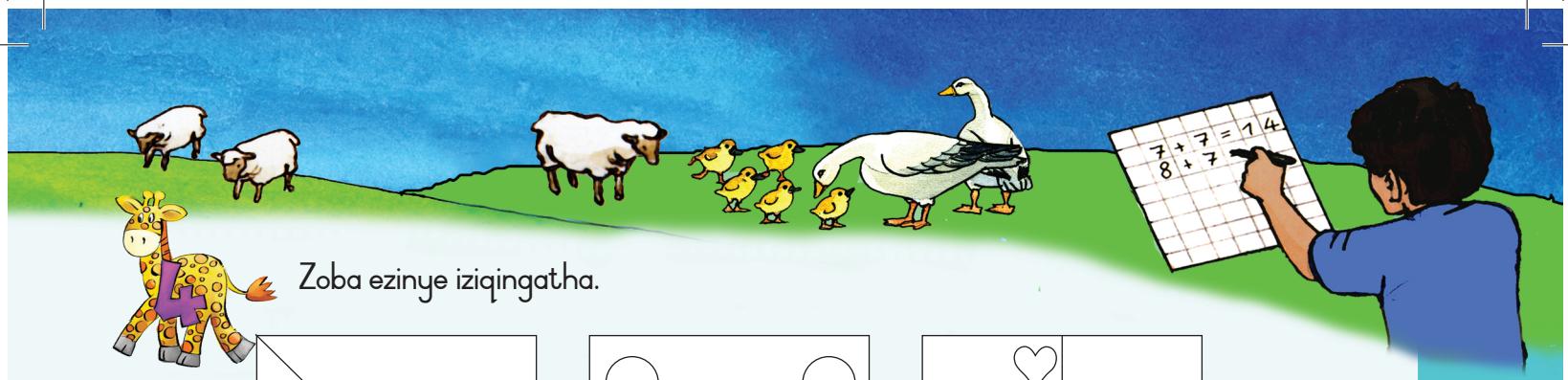


Isiqingatha sama-apile asemthini .

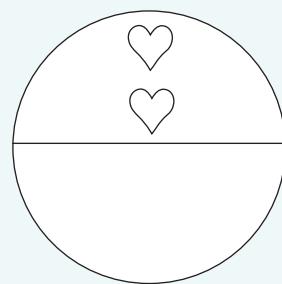
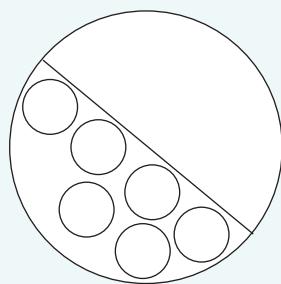
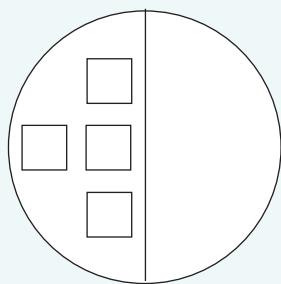
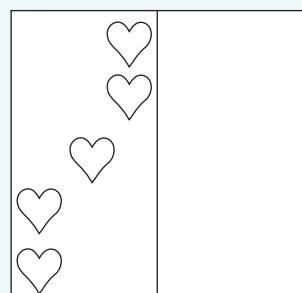
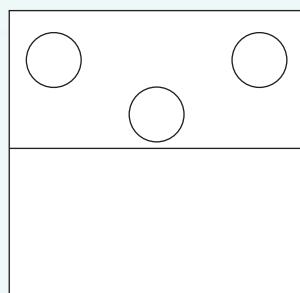
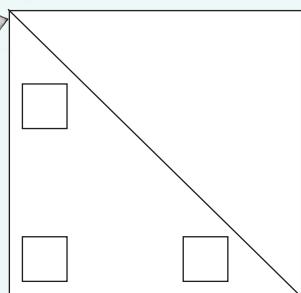


Fakela umbala kwisiqingatha seziqhamo kwiqela ngalinye. Ngubani isiqingatha senani leziqhamo kwiqela ngalinye?

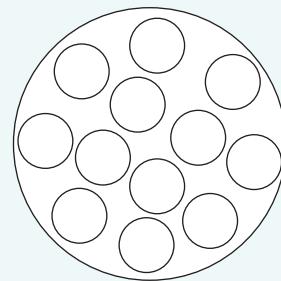
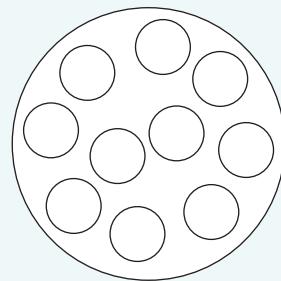
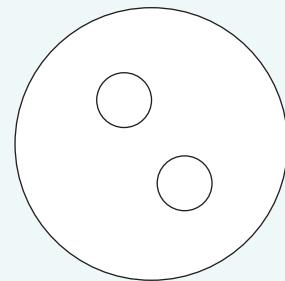
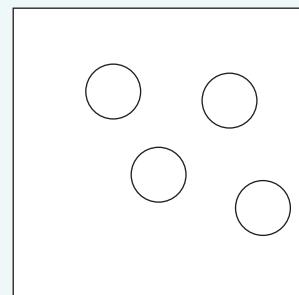
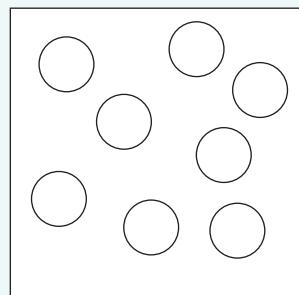
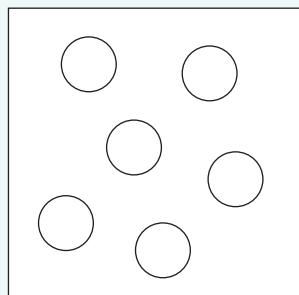




Zoba ezinye iziqingatha.



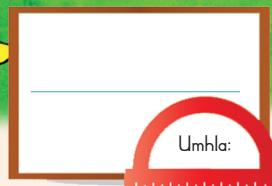
Faka umbala kwisiqingatha sezi milo.



isiqingatha iziqingatha



q2



## Indawo nembonakalo

Ikota yesi-3

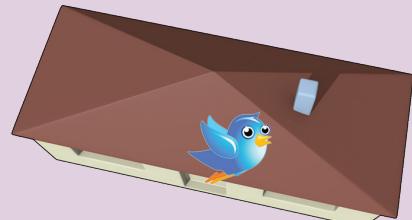
Ime phi le ntaka? La magama aza kukunceda.



Imbonakalo yangaphambili yesakhwiwo.



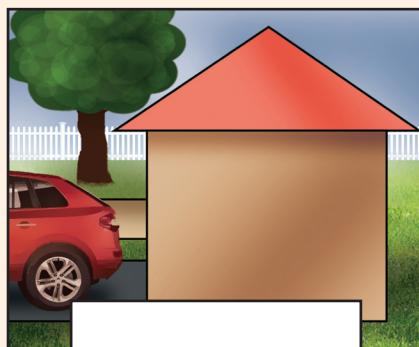
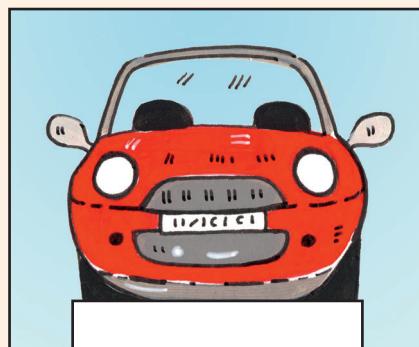
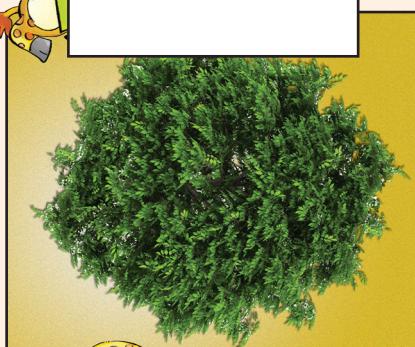
Imbonakalo yasecaleni yesakhwiwo.



Imbonakalo yangaphezulu yesakhwiwo.



Ebeme phi lo mntu xa ebebona oku?

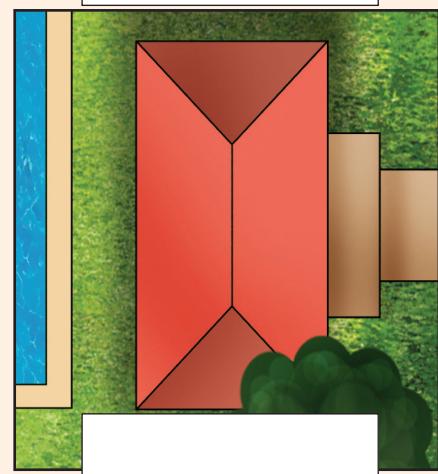
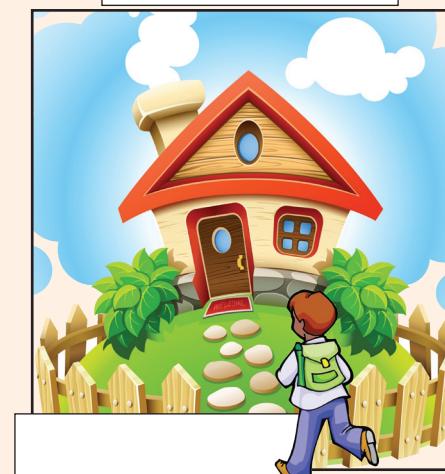
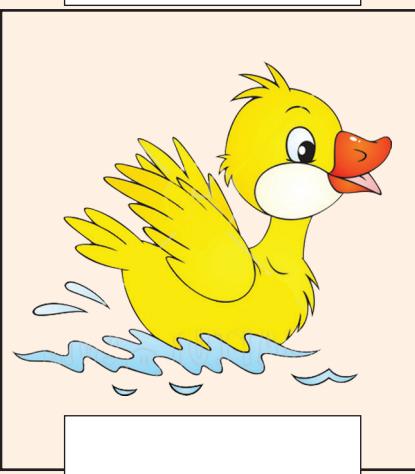


Bhala la magama emfanekisweni. Ubona ntoni lo mntu?

Imbonakalo yangaphambili

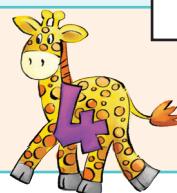
Imbonakalo yangaphezulu

Imbonakalo yasecaleni





Xela ukuba imoto ikufuphi okanye ikude na kule nkwenkwe.



Zoba umthi ube kufutshane omnye ube kude kule ntombazana.



**ukufutshane**



**ukude**



Yenza lo msebenzi:

- Jonga izinto ezimbini ngamehlo omabini. Ubona ntoni?
- Vala elinye iliso ngesandla sakho, ubona ntoni ke ngoku?

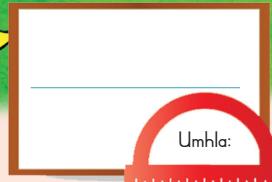
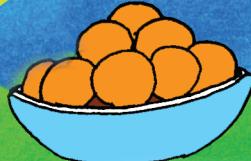


Teacher:

Sign:

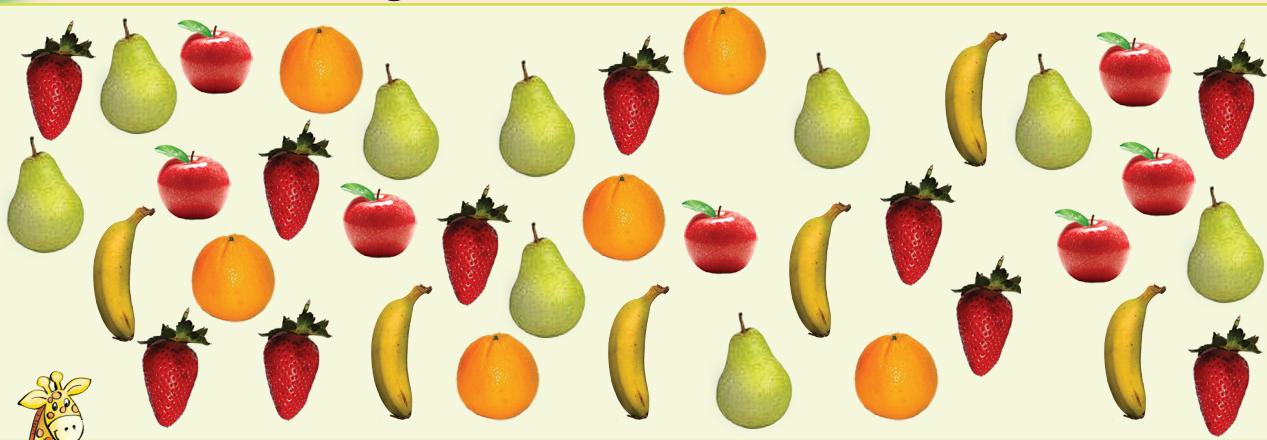
Date:

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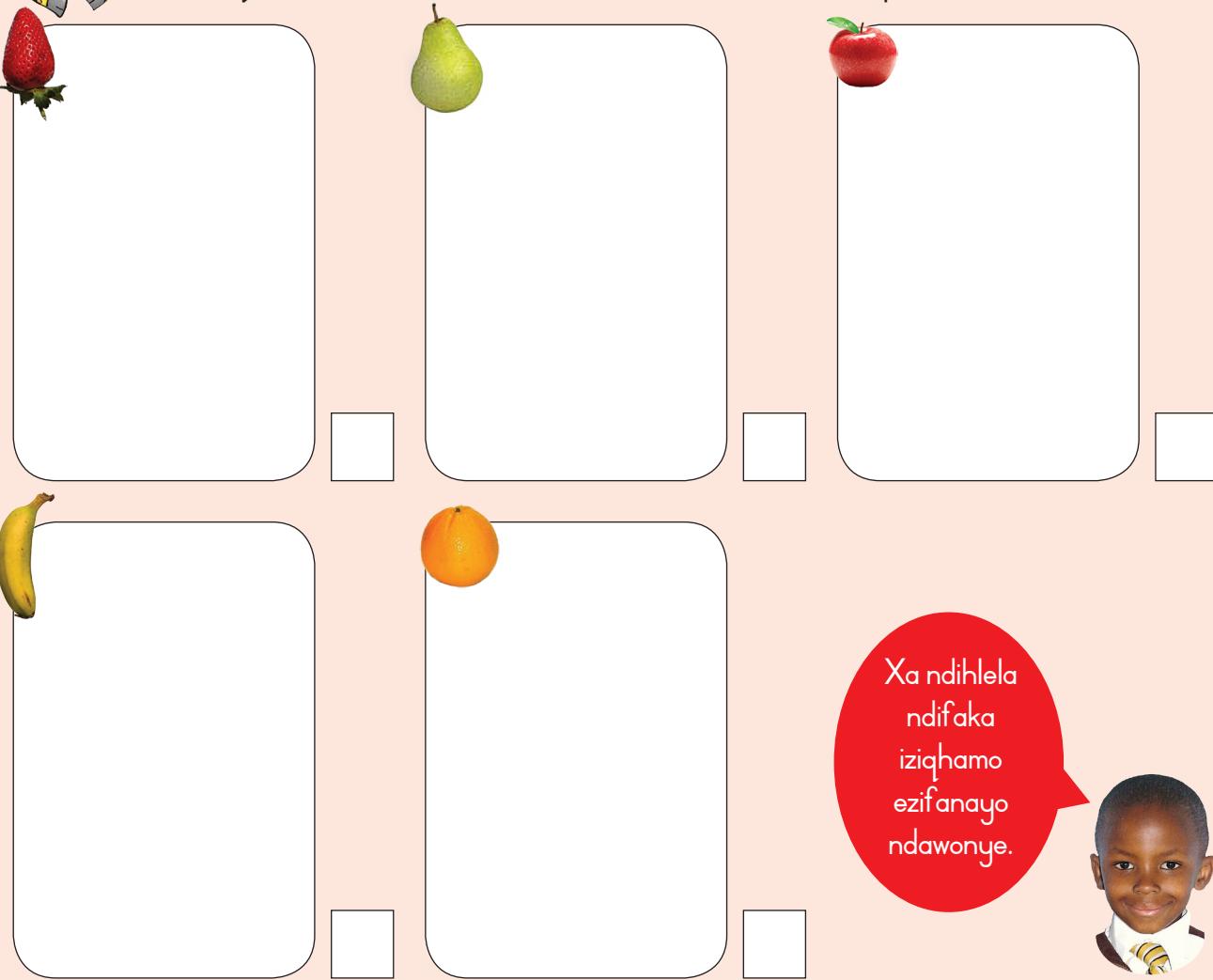


Ikota yesi-3

## Ezinye iinkukacha kwakhona



Hlela iziqhamo. Zizobele owakho umfanekiso ubonise. Bhala isiphumo ebhokisini.





Zoba umfanekiso obonisa iziqhamo zakho ezhleliweyo.

Isikhokelo:






Sebenzisa ulwazi olukumfanekiso ongentla uze  
ugqibezele le bhagrafu.


Phendula le mibuzo:

Sesiphi isiqhamo esisifumana  
kakhulu?

Sesiphi esona siqhamo sisifumana  
kancinci?



Teacher:

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Date:

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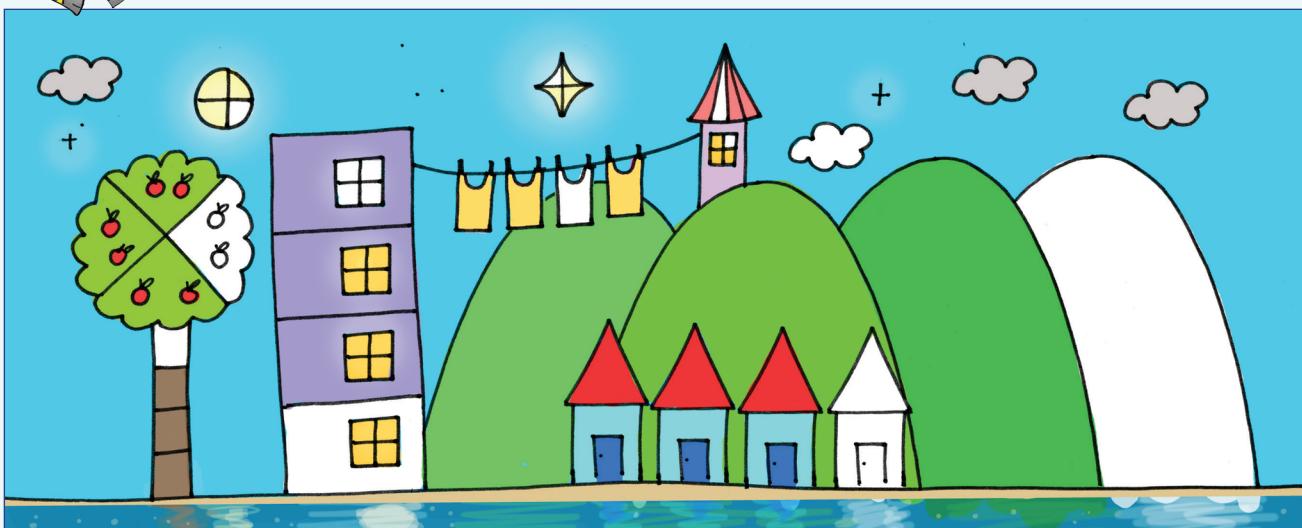


## Amaqhezu – iikota



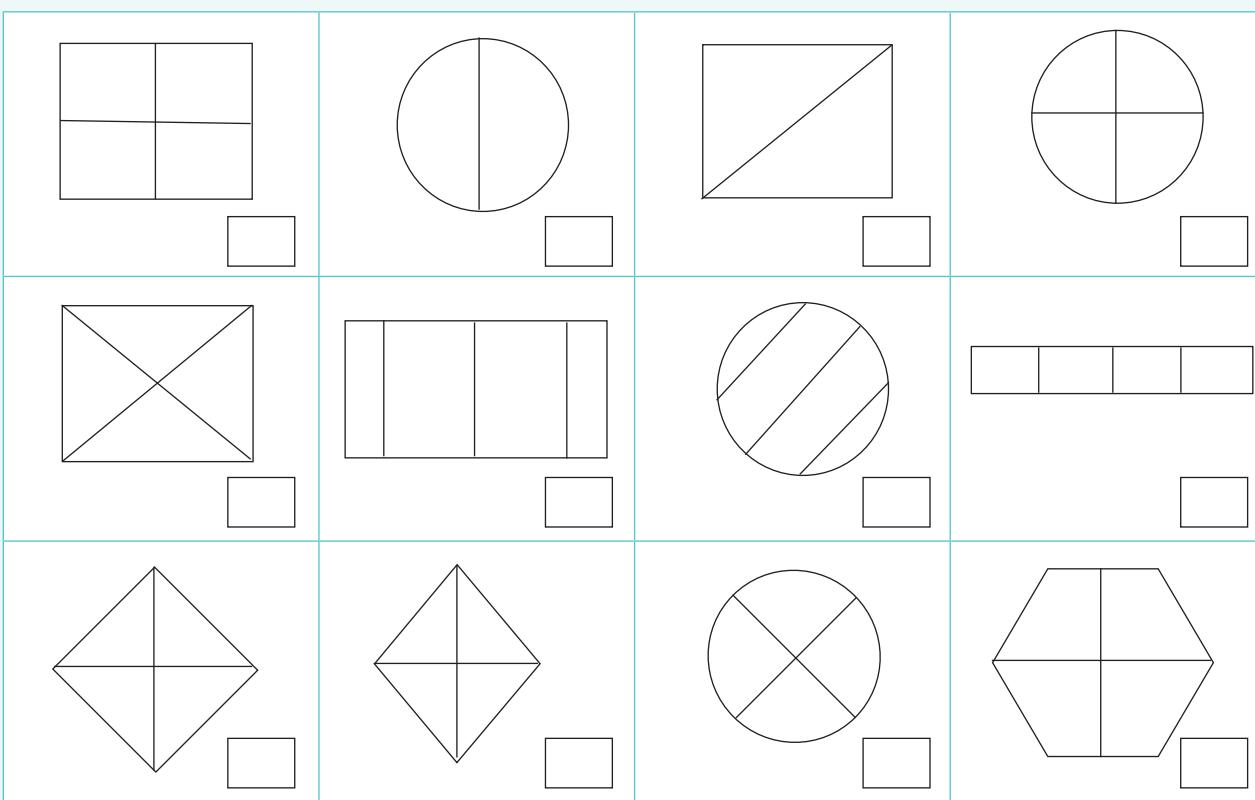
Fakela umbala ofanayo kwikota yokuggibela.

Iikota yesi-3



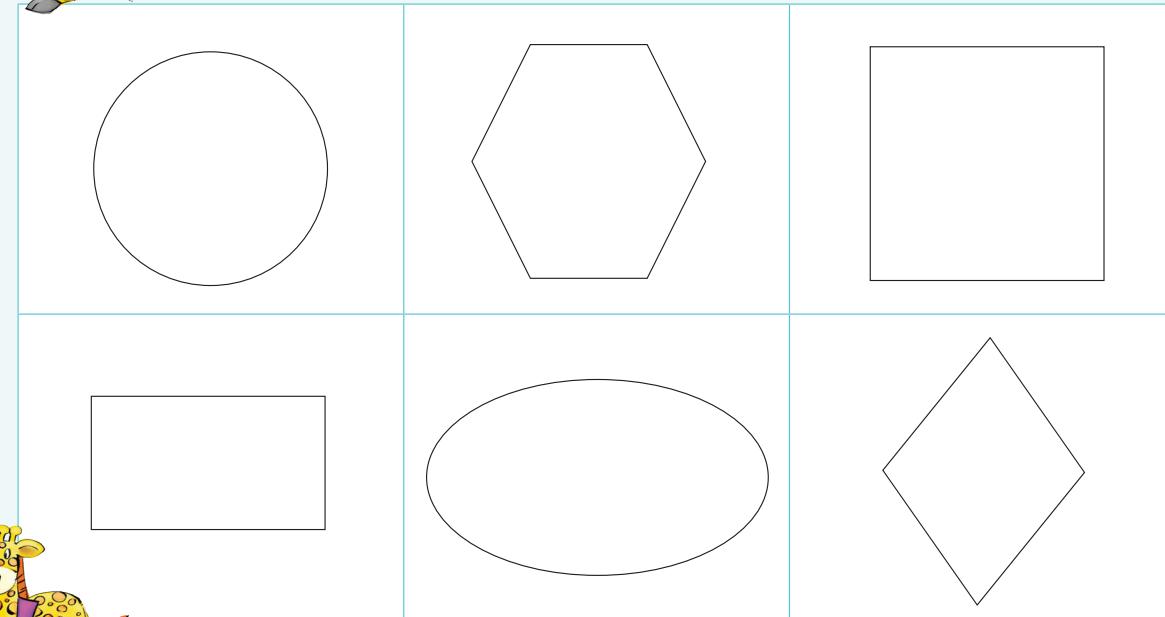
Phawula iimilo ezibonisa iikota.

Fakela umbala kwikota yemilo nganye eyahlulwe yazikota.

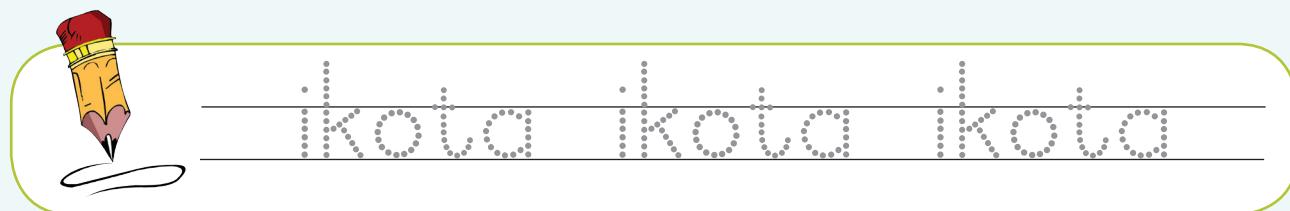
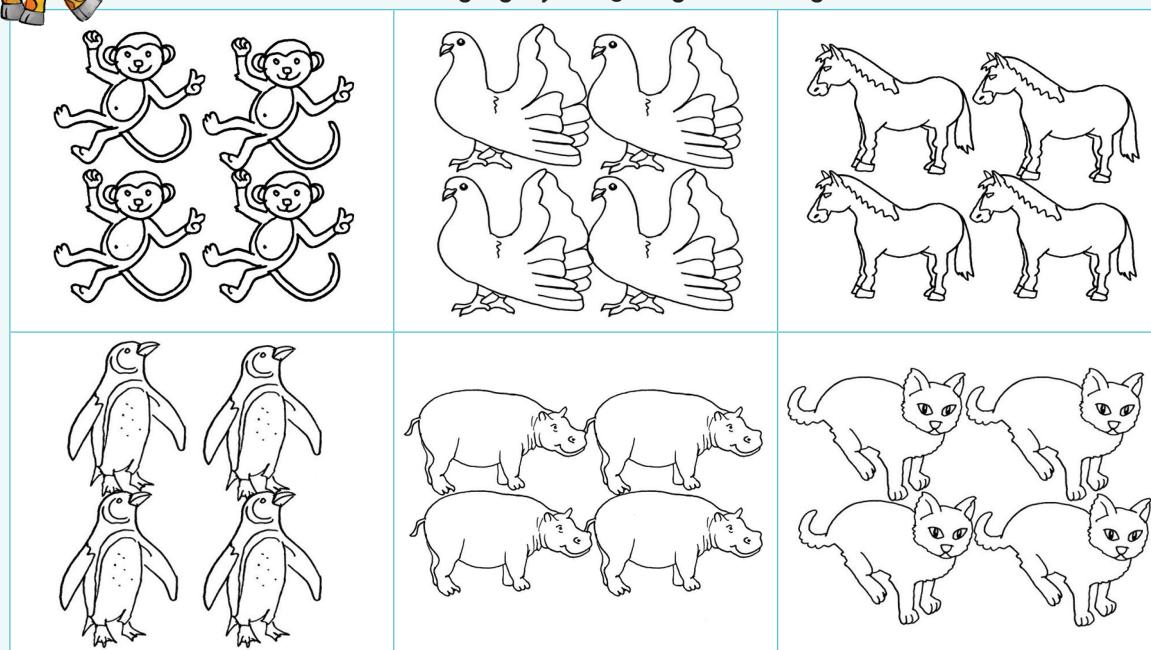




Fakela umbala kwikota yemilo.

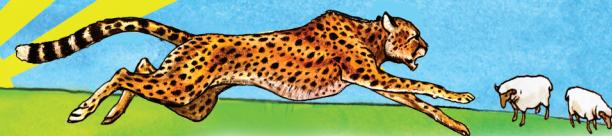


Fakela umbala kwikota enye yeqela ngalinye lezilwanyana.



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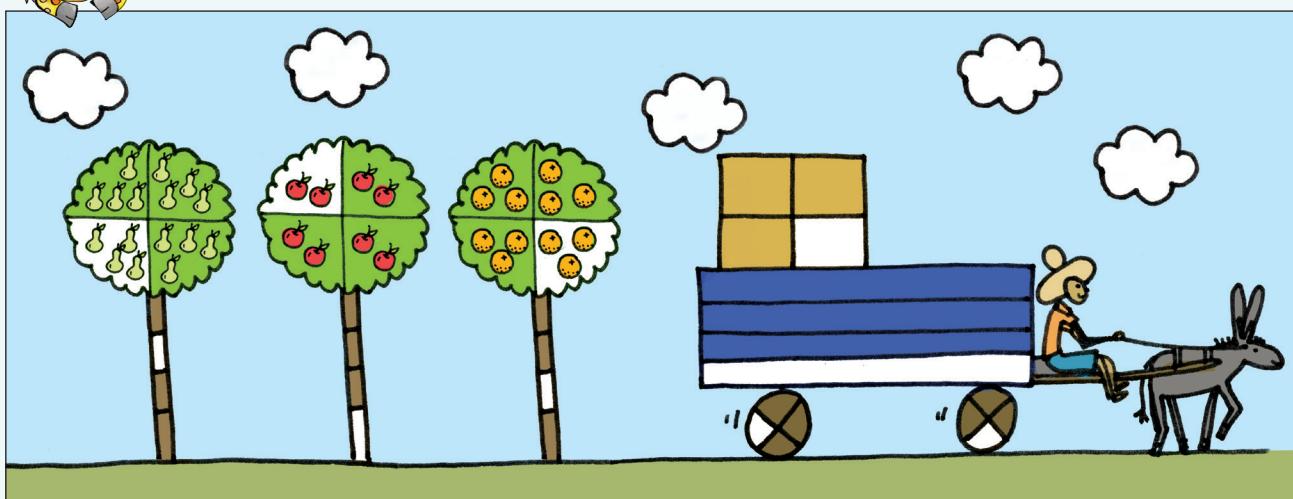
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## Amaqhezu – ezinye iikota

Fakela umbala ofanayo kwikota yokugqibela.

Ikota yesi-3



Phendula:

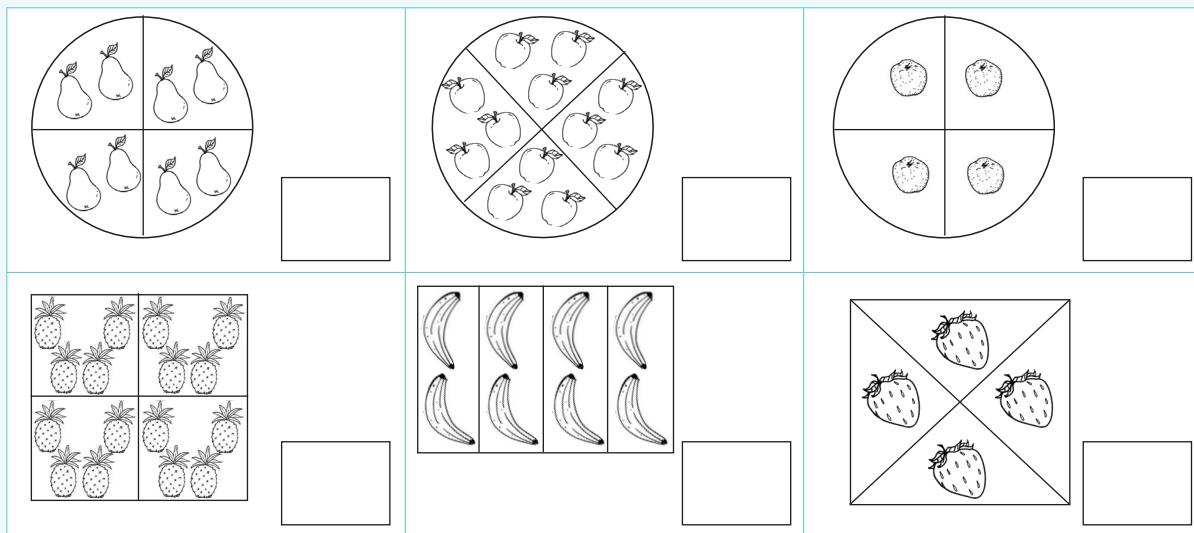
Ikota yamapere asemthini \_\_\_\_\_.

Ikota yama-apile asemthini \_\_\_\_\_.

Ikota yeeorenji ezesemthini \_\_\_\_\_.

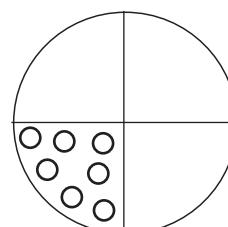
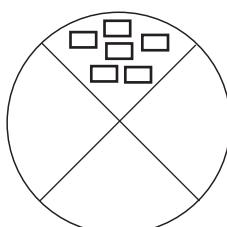
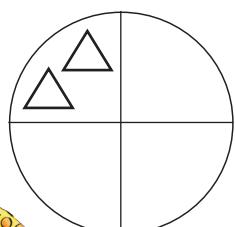
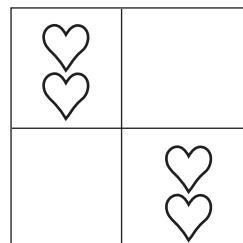
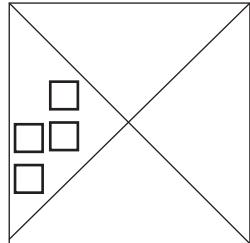
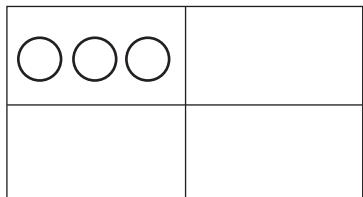


Faka umbala kwi- $\frac{1}{4}$  yeziqhamo kwiqela ngalinye. Xela ikota yenani  
leziqhamo kwiqela ngalinye.

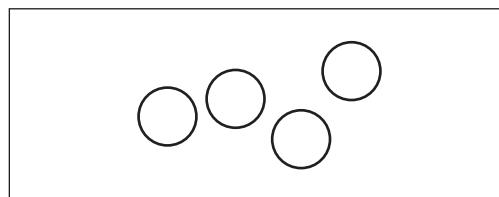
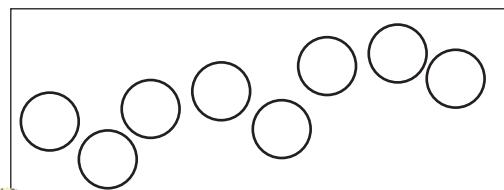




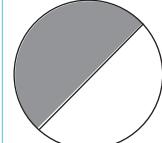
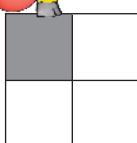
Zoba ezinye iimilo ukwenza ikota nganye ilingane nenyé.



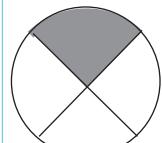
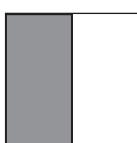
Bonisa ikota enye yeemilo.



Yeyiphi enkulu. Phawula impendulo echanekileyo.



isiqingatha



ikota



ikota ikota

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

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## Tshatisa iipatheni.



# Iipatheni zejometri

Ikota yesi-3

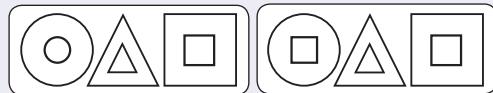


Khuphela le patheni ilandelayo.





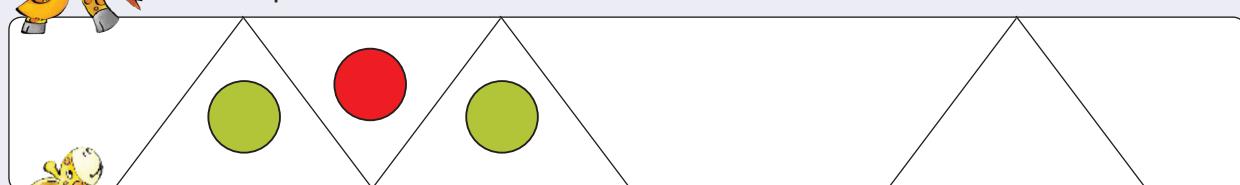
**3** Fakela umbala kwipatheni elandelayo.



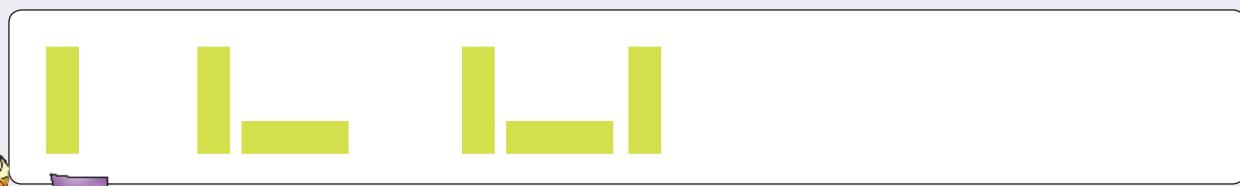
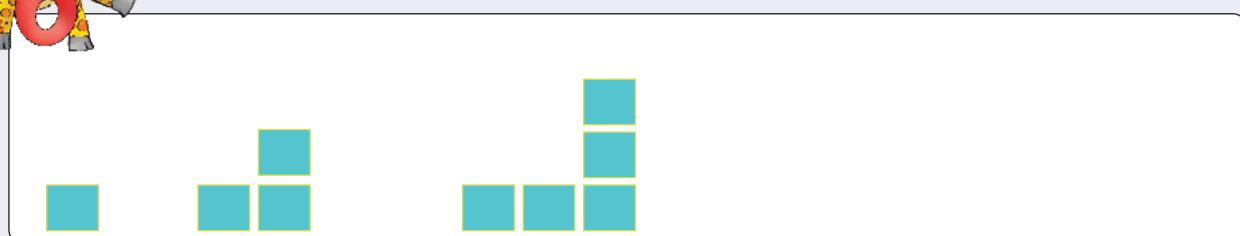
Zoba ipatheni elandelayo.



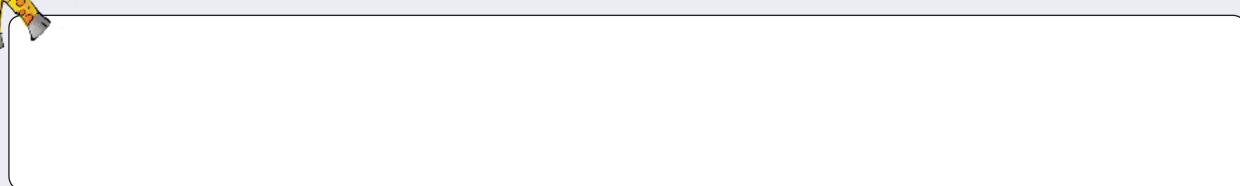
**5** Yandisa ipatheni.



**6** Zoba ipatheni elandelayo.

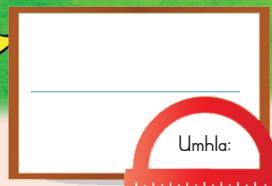
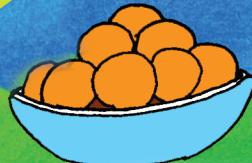


**7** Zoba eyakho ipatheni.



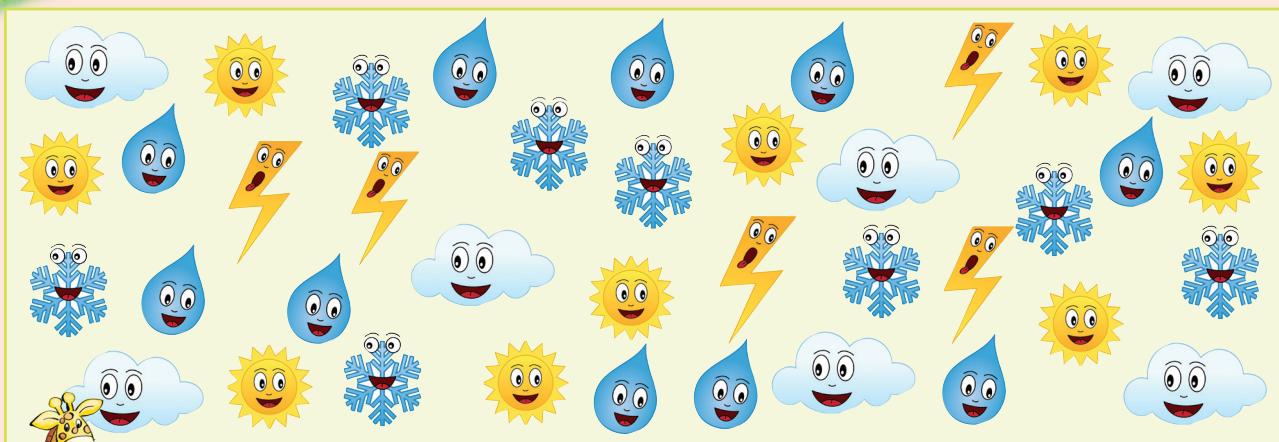
Teacher:
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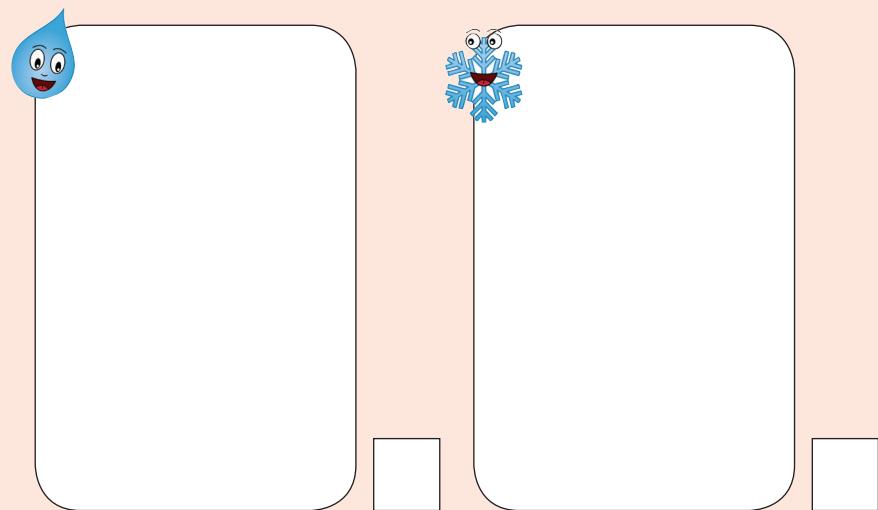
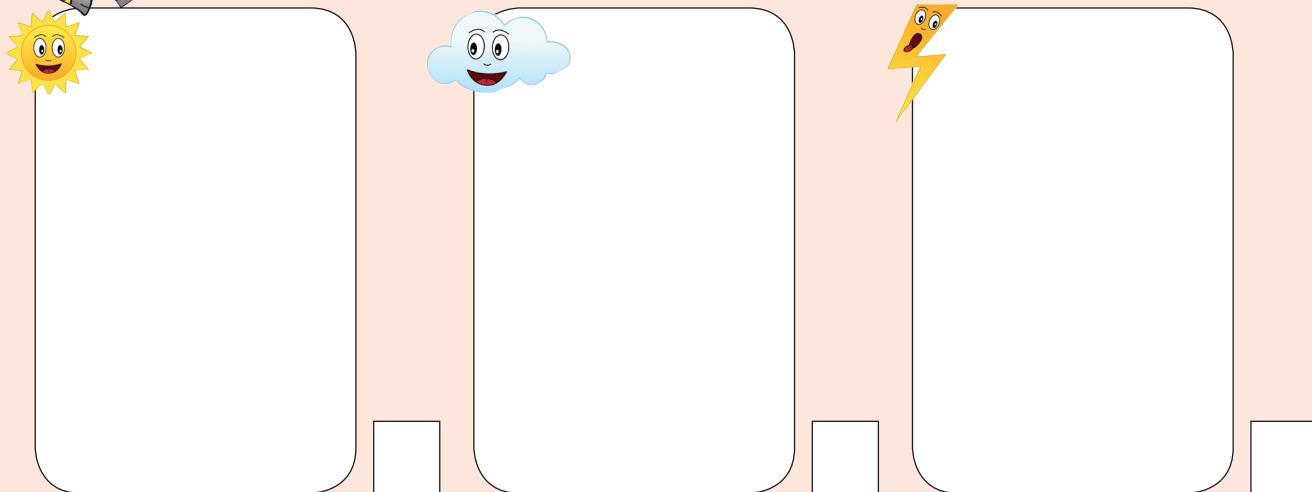


Ikota yesi-3

## Ukuhlela iinkcukacha



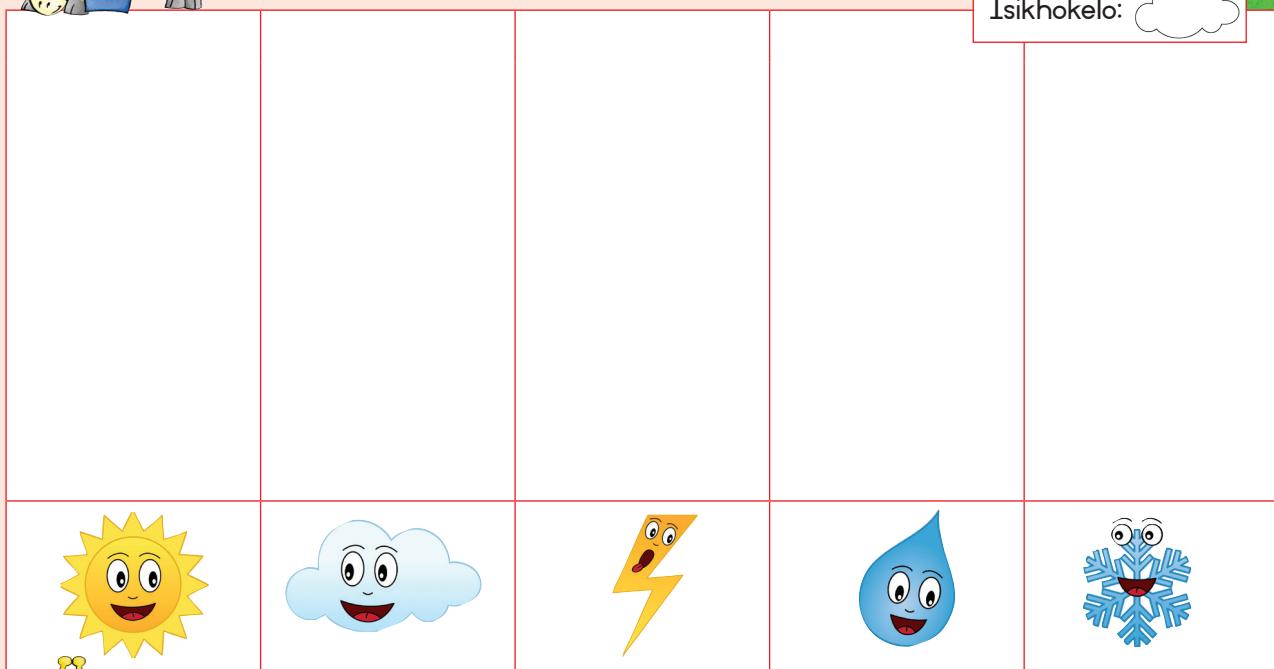
Hlela ezi mbuso zemozulu. Zenzele owakho umfanekiso. Bhala isiphumo ebhokisini.





Zoba umfanekiso weemeko zemozulu ezihleliwego.

Isikhokelo:



Jonga imifanekiso engasentla ukuze ugqibezele itheyibhile.

Phendula le mibuzo ilandelayo:



Ingaba besinentsuku ezininzi  
ezinelanga okanye iintsuku  
ezininzi ezinamafu?

Ucinga ukuba leliphi ixesha  
lonyaka?

Ngoba kutheni?

Ingaba oku kuya kufana  
kuwo onke amaphondo?



11

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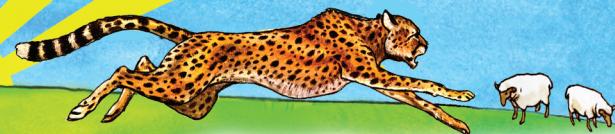
17

18

19

20

q7

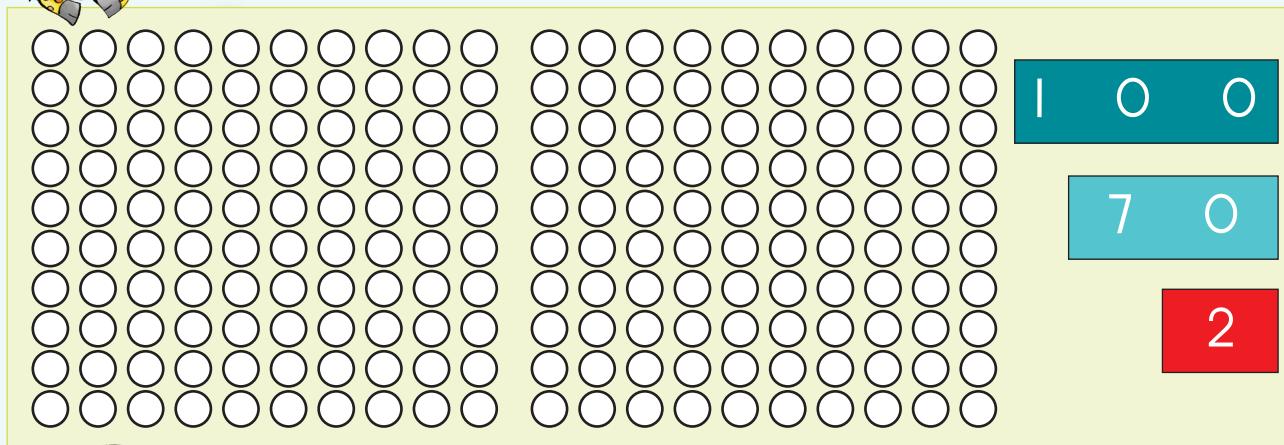


## Amanani | 50–180

Ikota yesi-4



Faka umbala kwizangqa ezili-172.



Bhala isivakalisi-manani souk:

$$\begin{array}{r} \textcolor{teal}{1} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{5} \textcolor{white}{0} \\ \hline \textcolor{red}{8} \end{array}$$

$100 + 50 + 8$

$$= 158$$

$$\begin{array}{r} \textcolor{teal}{1} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{5} \textcolor{white}{0} \\ \hline \textcolor{red}{q} \end{array}$$

=

$$\begin{array}{r} \textcolor{teal}{1} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{7} \textcolor{white}{0} \\ \hline \textcolor{red}{2} \end{array}$$

=

$$\begin{array}{r} \textcolor{teal}{1} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{5} \textcolor{white}{0} \\ \hline \end{array}$$

=

$$\begin{array}{r} \textcolor{teal}{1} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{6} \textcolor{white}{0} \\ \hline \textcolor{red}{7} \end{array}$$

=

$$\begin{array}{r} \textcolor{teal}{1} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{5} \textcolor{white}{0} \\ \hline \end{array}$$

=



Ngawaphi amanani aphakathi:

kwe-150 ne-158

\_\_\_\_\_

kwe-172 ne-177

\_\_\_\_\_

kwe-180 ne-175

\_\_\_\_\_

kwe-160 ne-155

\_\_\_\_\_

kwe-165 ne-160

\_\_\_\_\_

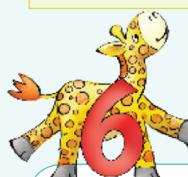
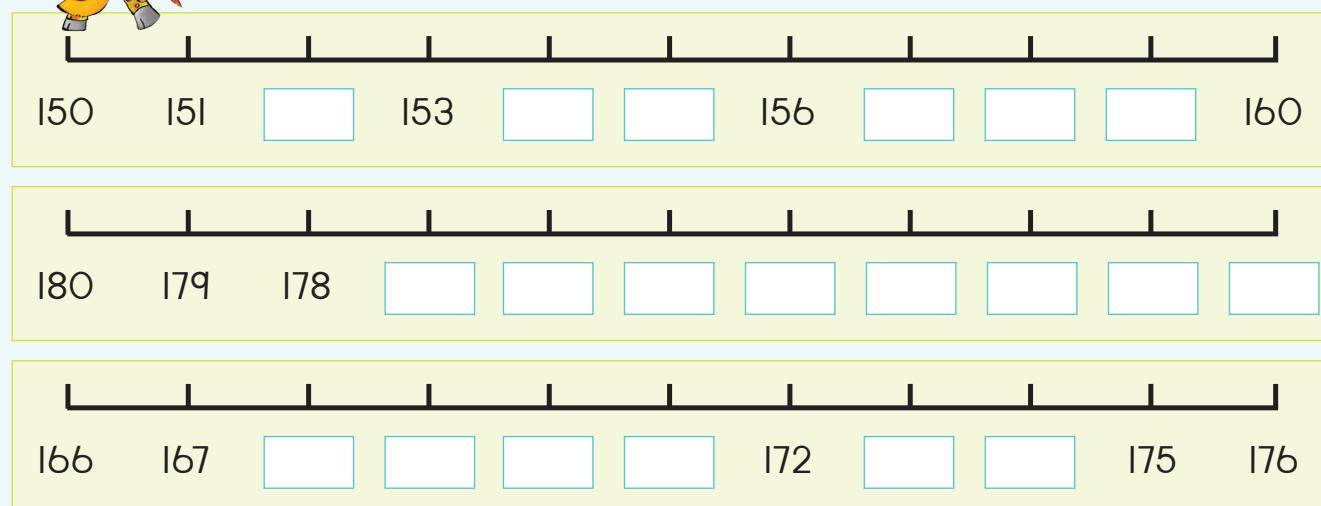


Bhala amanani abe mabini amancinci kunge namanani abe  
mabini amakhulu kunenani olinikiwewo.

Ncinane	Inani	Khulu
	157	
	165	
	178	
	161	
	174	



Gqibezela le migca manani.

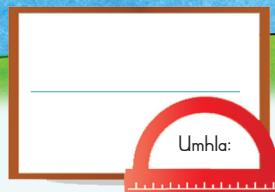


Sika amanani amathathu aphakathi kwe-150 ne-180 kwimagazini okanye  
kwiphephandaba. Wancamatelise alandeletlane uqale ngelona likhulu uye kwelona  
lincinane.



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

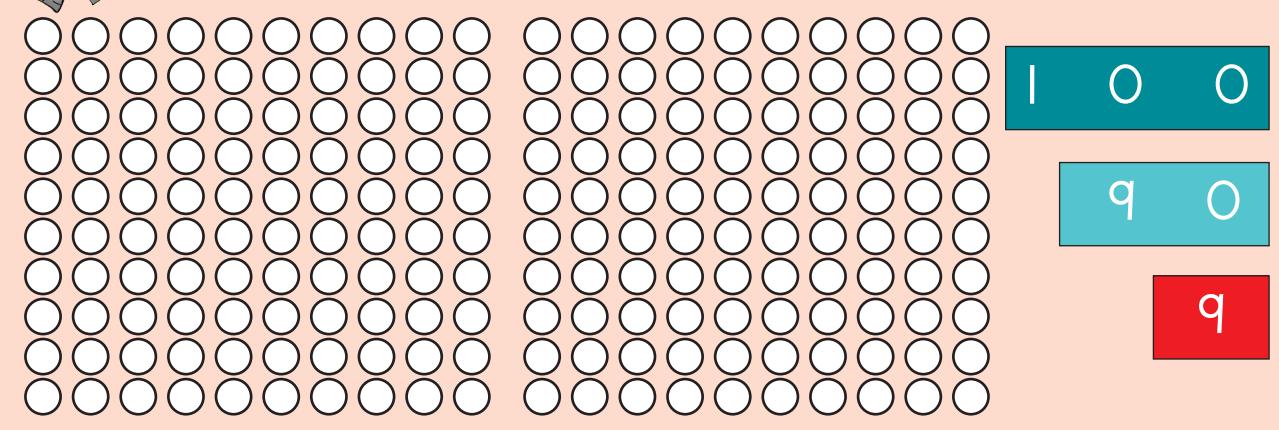
q8



Ikota yesi-4

## Amanani l70–l200

Faka umbala kwizangqa ezili-lqq.



Bhala inani:

$$\begin{array}{r} \textcolor{teal}{l} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{7} \textcolor{white}{0} \\ \hline \textcolor{red}{7} \end{array}$$

$100 + 70 + 7 = 177$

$$\begin{array}{r} \textcolor{teal}{l} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{q} \textcolor{white}{0} \\ \hline \textcolor{red}{3} \end{array}$$

$$\begin{array}{r} \textcolor{teal}{l} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{8} \textcolor{white}{0} \\ \hline \textcolor{red}{1} \end{array}$$

$$\begin{array}{r} \textcolor{teal}{l} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{q} \textcolor{white}{0} \\ \hline \textcolor{red}{5} \end{array}$$

$$\begin{array}{r} \textcolor{teal}{l} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{q} \textcolor{white}{0} \\ \hline \textcolor{red}{q} \end{array}$$

$$\begin{array}{r} \textcolor{teal}{l} \textcolor{white}{0} \textcolor{white}{0} \\ + \textcolor{teal}{7} \textcolor{white}{0} \\ \hline \textcolor{red}{q} \end{array}$$



Ngawaphi amanani aphakathi:

kwe-l70 ne-l75

\_\_\_\_\_

kwe-l98 ne-l95

\_\_\_\_\_

kwe-l80 ne-l75

\_\_\_\_\_

kwe-l68 ne-l73

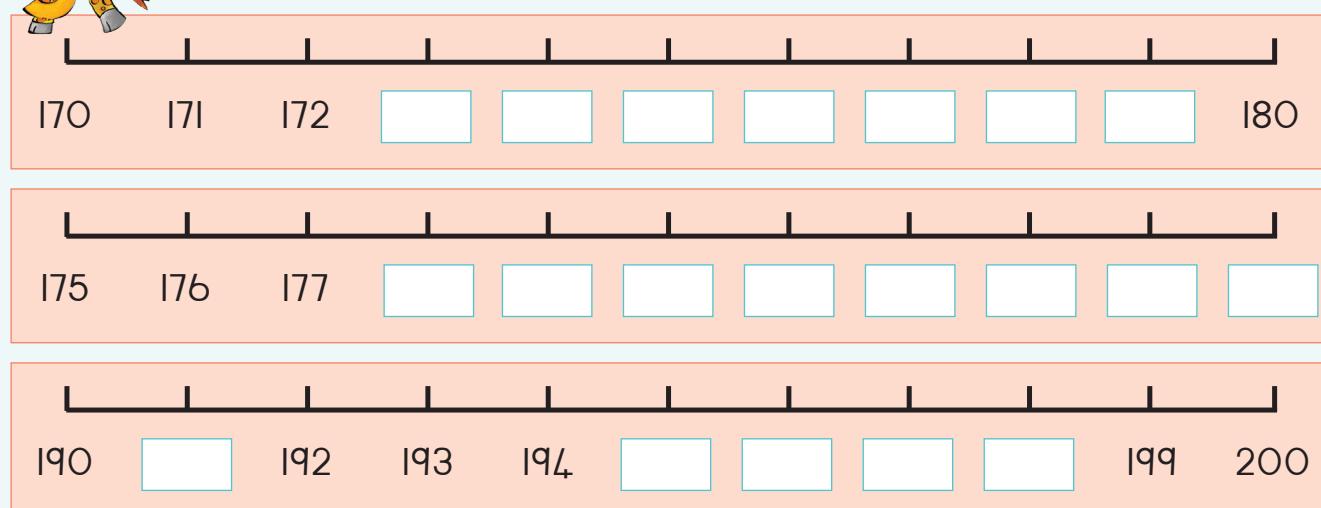
\_\_\_\_\_

kwama-200 ne-l96

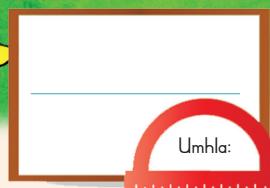
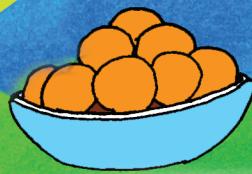
\_\_\_\_\_



Ncinane	Inani	Khulu
	170	
	198	
	185	
	174	
	181	



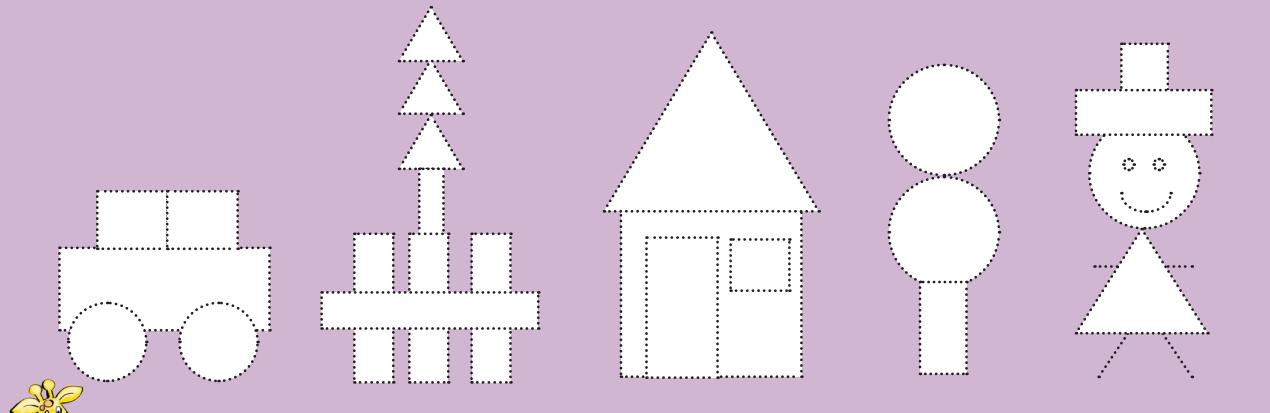
qq



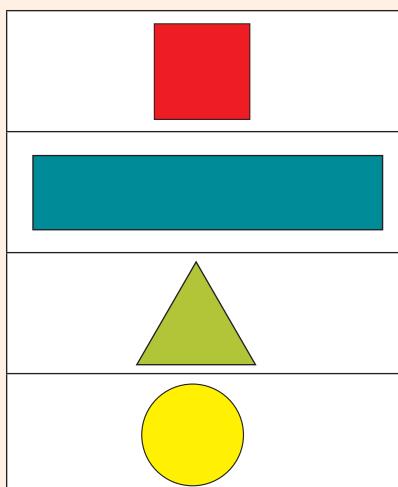
## Iimilo ezingu-2-D

Ikota yesi-4

Khuphela zonke iimilo. Fakela umbala obomvu kuzo zonke izangqa, oluhlaza koonxantathu, omthubi kwizikwere nozuba kwiingxande.

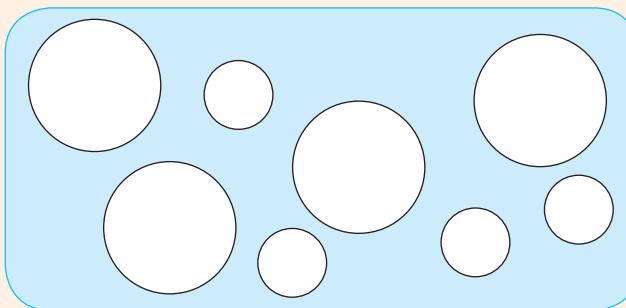


Beka igama kwimilo echanekileyo.



Fakela umbala:

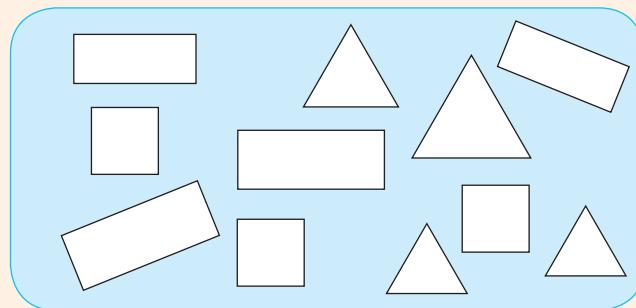
- Obomvu kwizangqa ezikhulu
- Omthubi kwizangqa ezincinci



unxantathu
isangqa
isikwere
uxande

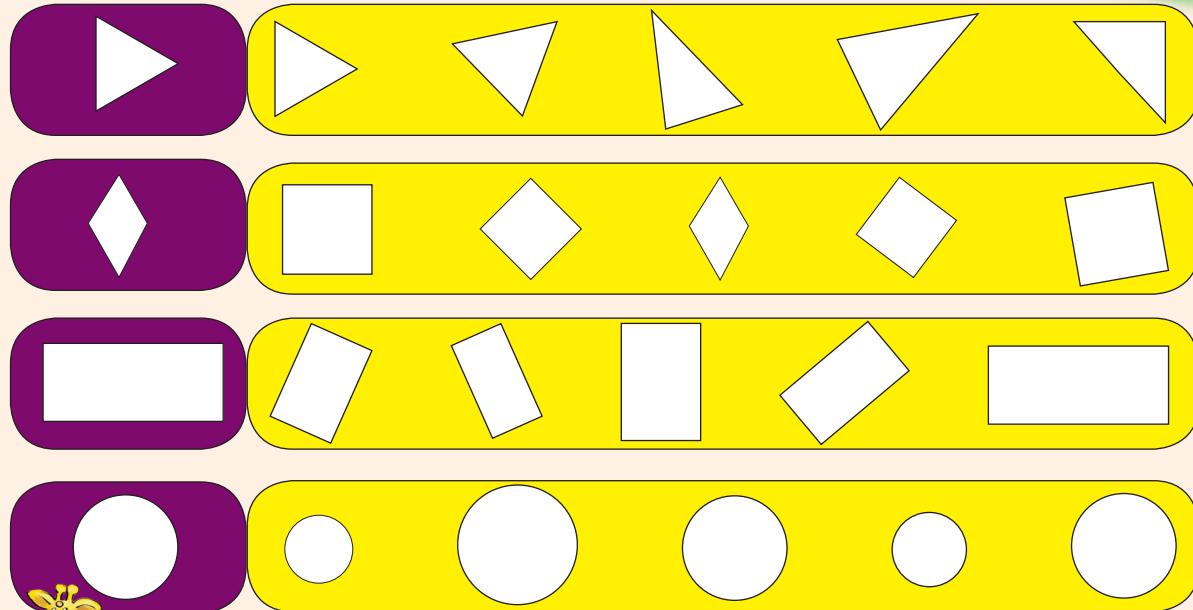
Fakela umbala:

- Obomvu kwiingxande ezinkulu
- Omthubi kwiingxande ezincinci





Fakela umbala kwimilo efana nemilo esekuqaleni.



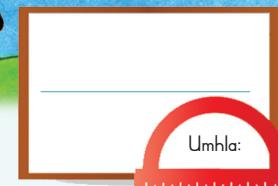
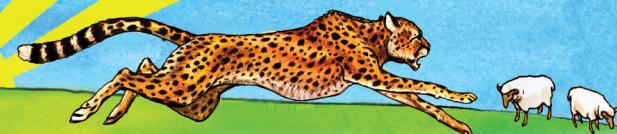
Zoba owakho umfanekiso usebenzise izikwere, iingxande, oonxantathu nezangqa.



Sika iphepha elidala uzenzele umfanekiso usebenzise izikwere, iingxande, izangqa noonxantathu.



100



Ikota yesi-4

## Amanani 0–200

Mangaphi amanani ahlukeneyo onokuwenza?

100	40	2
q	50	100
20	1	70
	8	



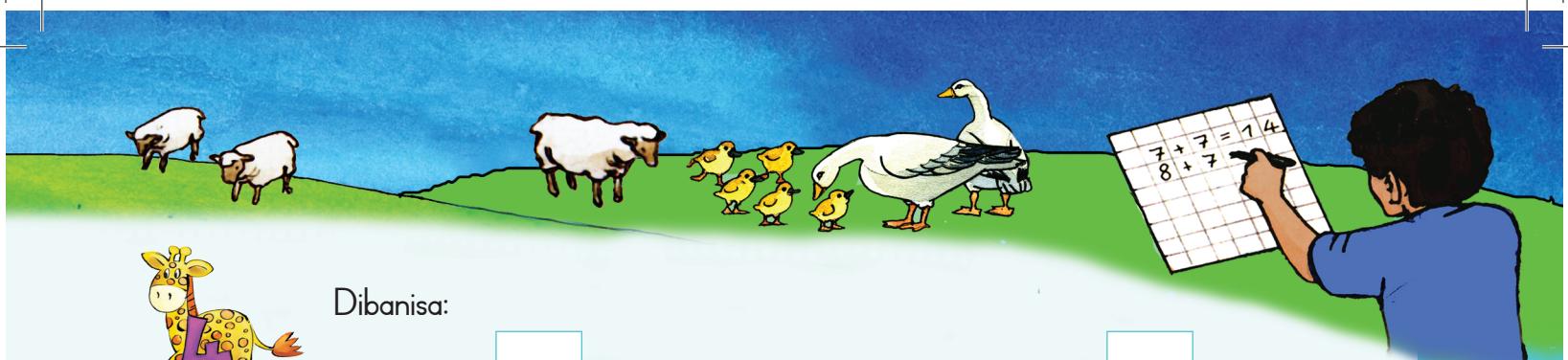
Gqibezela:

$100 + 40 + q =$ <input type="text"/>	$100 + 70 + 3 =$ <input type="text"/>	$100 + 20 + 8 =$ <input type="text"/>
$100 + 10 + 7 =$ <input type="text"/>	$100 + 90 + 2 =$ <input type="text"/>	



Zalisa iibhokisi ezingenanto usebenzise amakhulu, amashumi kanye nemivo ukuze ugqibezele ezi zibalo.

$$\begin{array}{r}
 181 = \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{0}} \\
 144 = \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{0}} \\
 135 = \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{0}} \\
 156 = \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{0}} \\
 169 = \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{0}}
 \end{array}$$



Dibana:



$60 + 4 = \boxed{\phantom{00}}$

$100 + 20 + 3 = \boxed{\phantom{00}}$

$90 + 8 = \boxed{\phantom{00}}$

$100 + 40 + 9 = \boxed{\phantom{00}}$

$40 + 7 = \boxed{\phantom{00}}$

$100 + 70 + 8 = \boxed{\phantom{00}}$

$30 + 6 = \boxed{\phantom{00}}$

$100 + 60 + 1 = \boxed{\phantom{00}}$

$50 + 2 = \boxed{\phantom{00}}$

$100 + 50 + 5 = \boxed{\phantom{00}}$

Fakela inani elingekhoyo:

$70 + \boxed{\phantom{00}} = 71$

$100 + \boxed{\phantom{00}} + 3 = 153$

$30 + \boxed{\phantom{00}} = 38$

$100 + \boxed{\phantom{00}} + 9 = 169$

$60 + \boxed{\phantom{00}} = 69$

$\boxed{\phantom{00}} + 70 + 8 = 178$

$20 + \boxed{\phantom{00}} = 24$

$100 + \boxed{\phantom{00}} + 1 = 191$

$80 + \boxed{\phantom{00}} = 85$

$100 + 50 + \boxed{\phantom{00}} = 157$



Yenza ezakho izibalo usebenzise amakhulu, amashumi kanye nemivo.

$\boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$

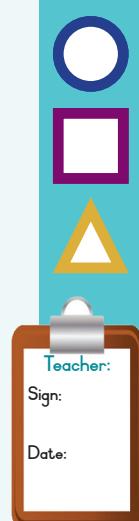


Leliphi elona nani likhulu? (KH) Leliphi elona nani lincinane? (NC)

5	0	9
1	0	0

1	0	0
9	4	0

4	5	0
1	0	0



101



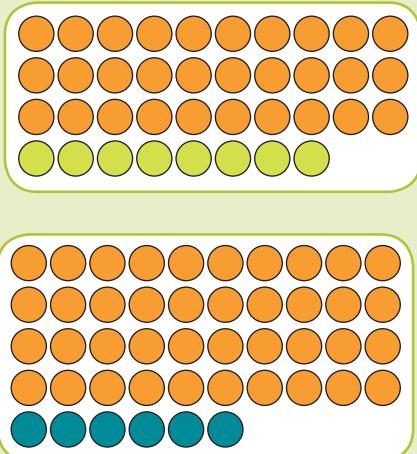
## Ukudibanisa kunye nokuthabatha

Umhla:

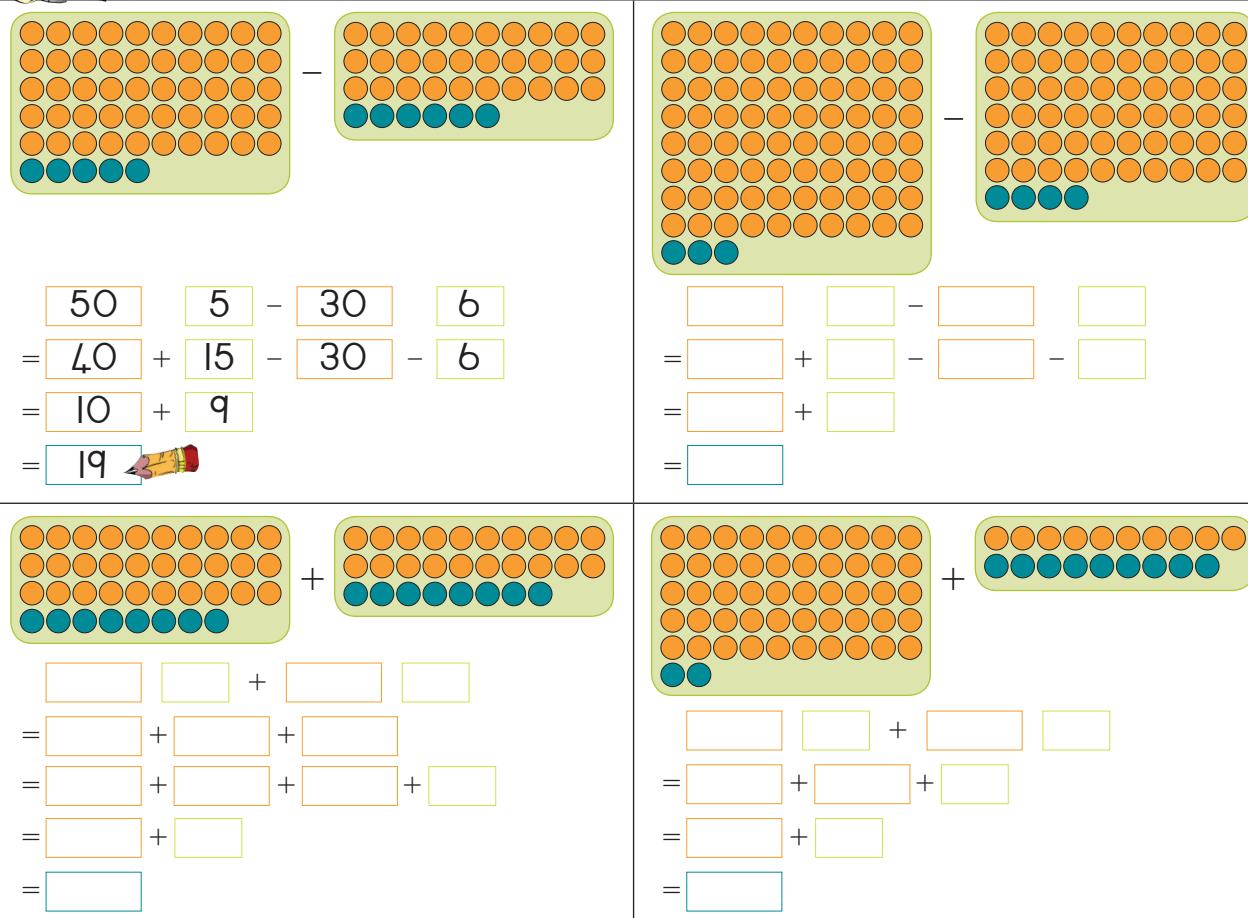
Jonga ibhodi yamanani kunye namaso. Ncokola ngayo.

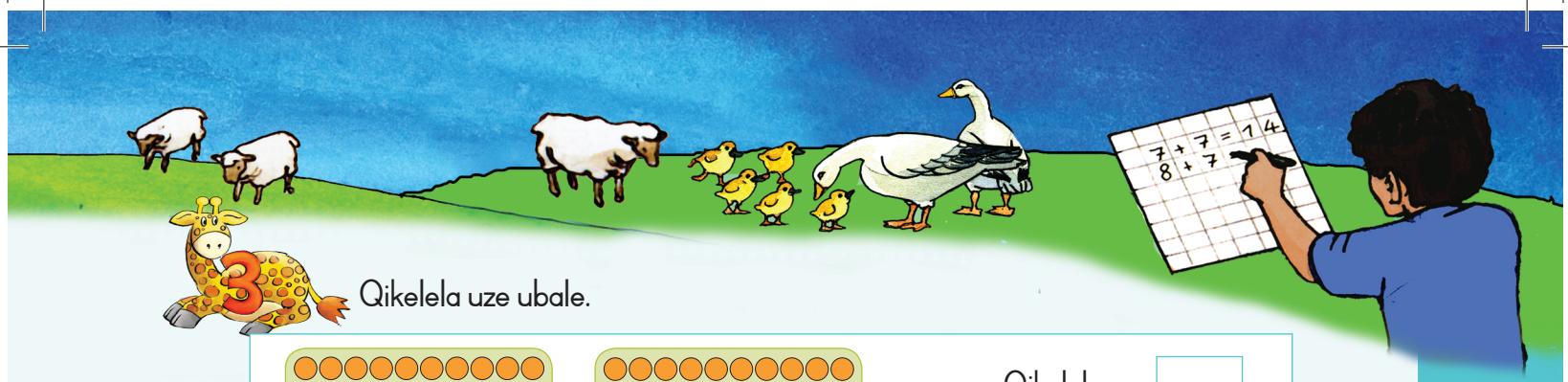
Ikota yesi-4

I	2	3	4	5	6	7	8	9	10
II	12	13	14	15	16	17	18	19	20
2I	22	23	24	25	26	27	28	29	30
3I	32	33	34	35	36	37	38	39	40
4I	42	43	44	45	46	47	48	49	50
5I	52	53	54	55	56	57	58	59	60
6I	62	63	64	65	66	67	68	69	70
7I	72	73	74	75	76	77	78	79	80
8I	82	83	84	85	86	87	88	89	90
9I	92	93	94	95	96	97	98	99	100

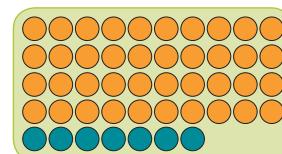


Dibanisa okanye thabatha amaso.

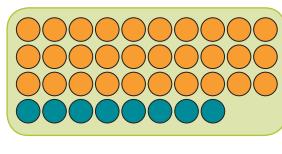




Qikelela uze ubale.

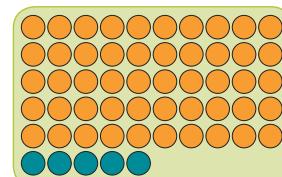


+

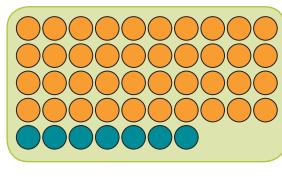


Qikelela

Bala



+



Qikelela

Bala



Bala usebenzise eyakho indlela yokubala.

$53 + 39$

$92 - 48$



Dibanisa ama-39 kune nama-29.

Leliphi inani elingaphantsi nge-19 kunama-43?

Thabatha ama-45 kuma-74.

Kushiyeka ntoni xa uthabathe ama-69 kuma-82?



Teacher:  
Sign:  
Date:

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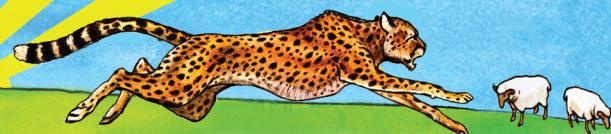
17

18

19

20

102



## Ukudibanisa nokwahlula kwakhona

Ikota yesi-4

Jonga iabkhaksi engasekhohlo nengasekunene. Ubona ntoni?

$$\begin{array}{r} 2 \quad 0 \\ + 3 \quad 0 \\ \hline 5 \quad 0 \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$$

=

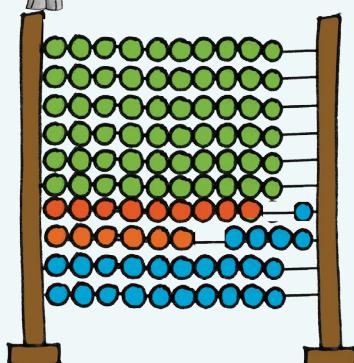
$$\begin{array}{r} 6 \quad 0 \\ - 5 \\ \hline 1 \end{array}$$

Dibanisa amanani  
amabini.

Zenza ntoni?

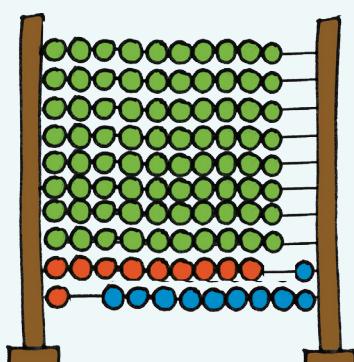


Bhala isibalo esidibarisayo nesithabathayo. Sibale.



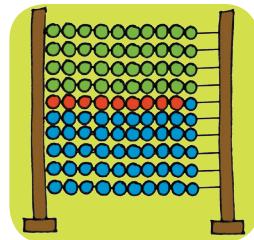
Isibalo esidibarisayo

Isibalo esithabathayo

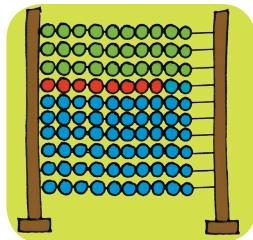


Isibalo esidibarisayo

Isibalo esithabathayo

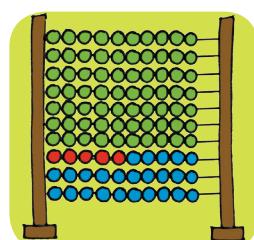


+

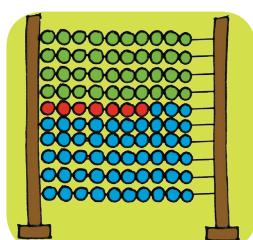


Qikelela

Bala



-



Qikelela

Bala



Bala usebenzise eyakho indlela yokubala.

$58 + 35$

$34 - 26$



Yintoni isiphumo sama-74 kanye ne-19?

Thabatha ama-34 kuma-72.

Isiphumo sama-46 kanye nama-27.

Umahluko phakathi kwama-81 kanye nama-36.



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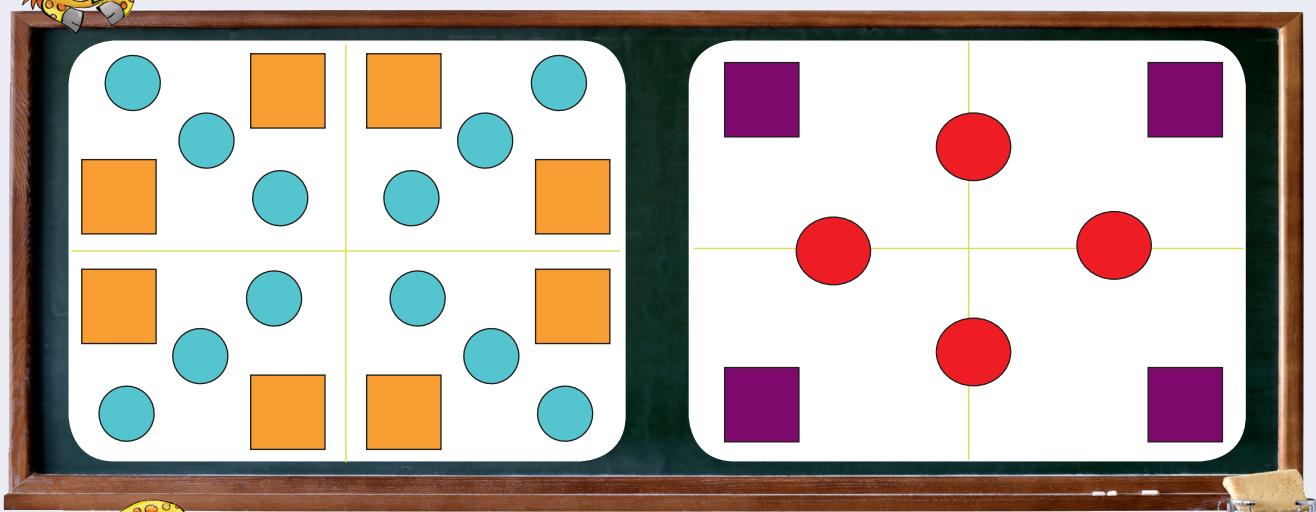
103



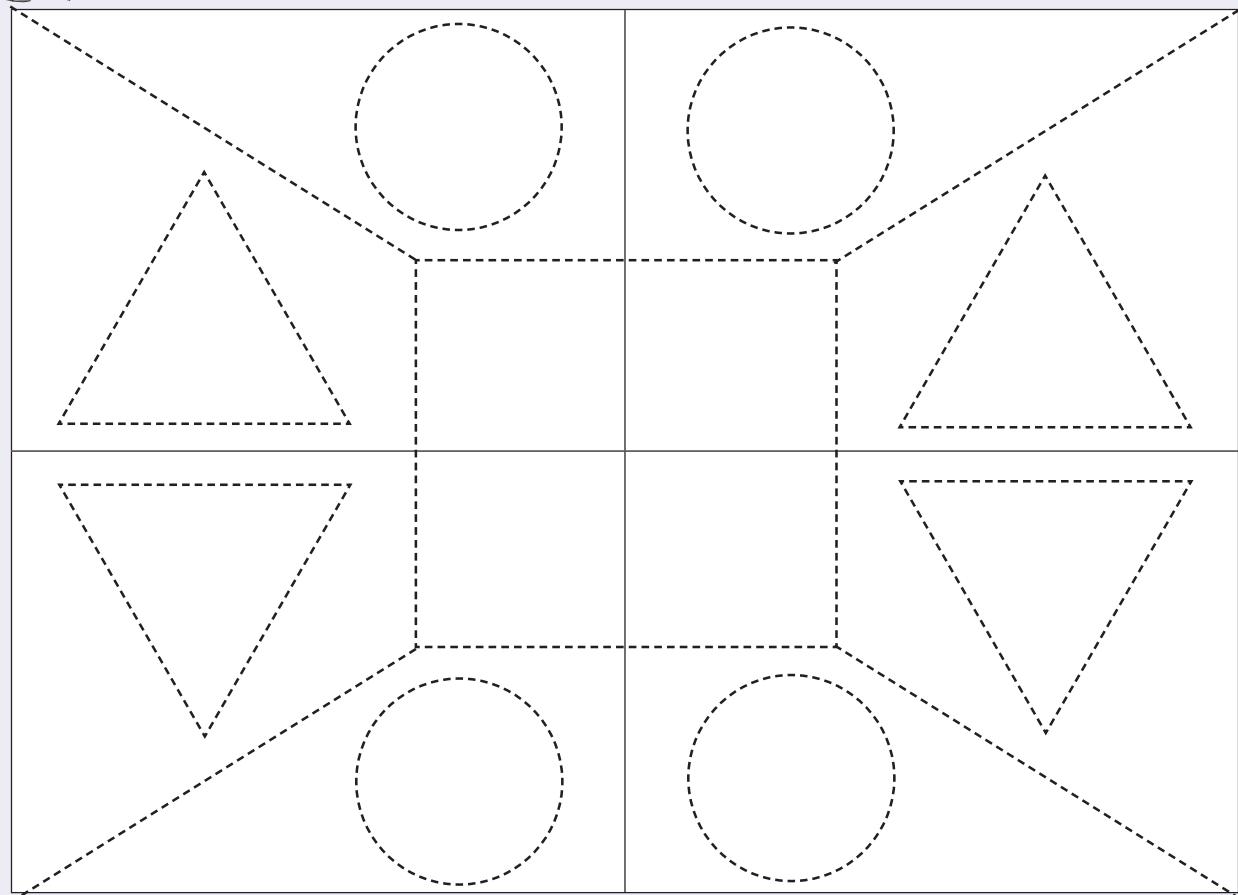
Ikota yesi-4

Chaza ipatheni.

## Iipatheni zeemilo

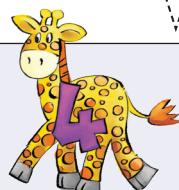
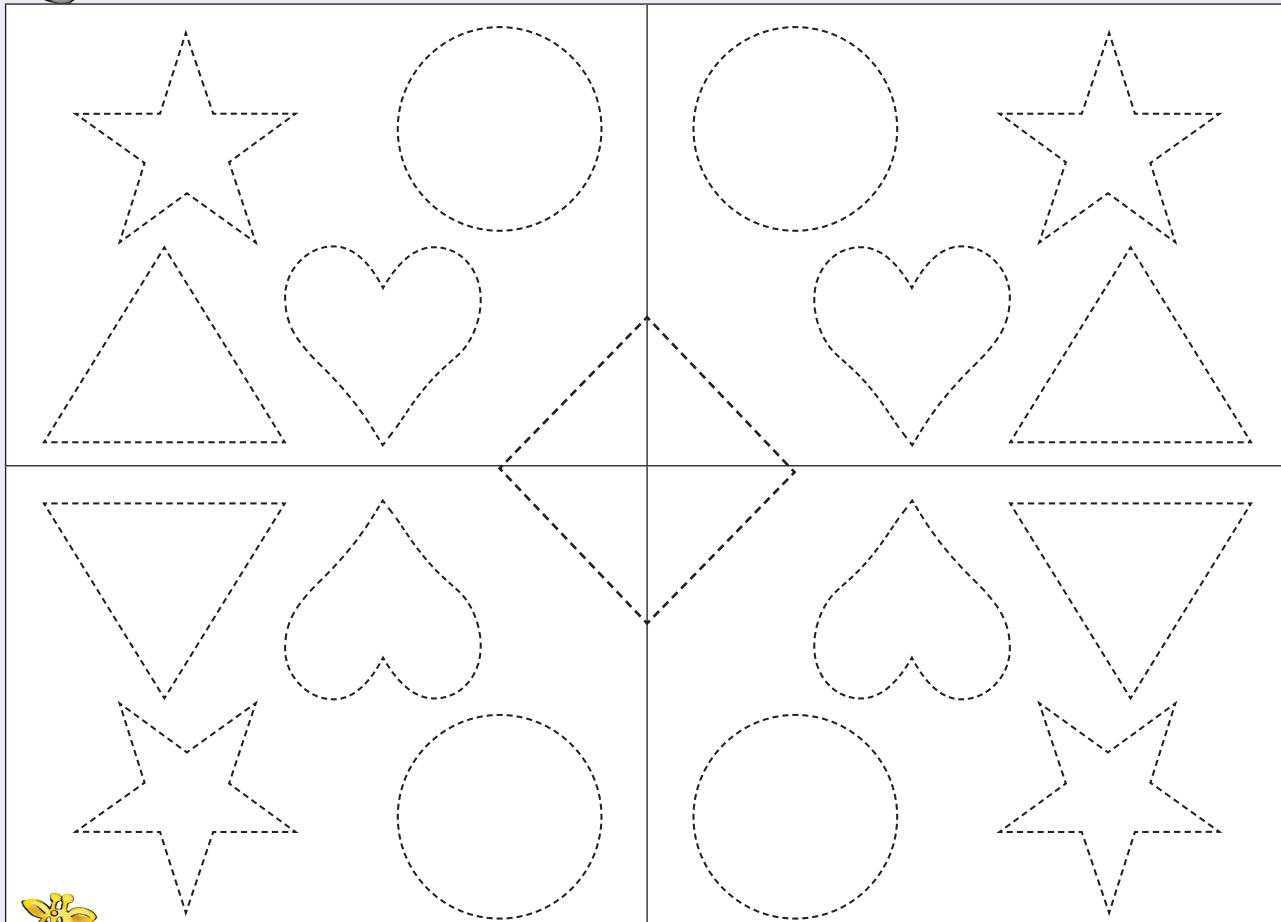


Khuphela ipatheni uze uyifakele umbala.





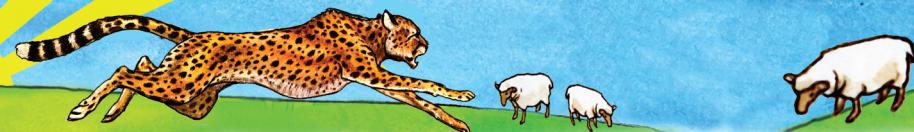
Khuphela ipatheni uze uyifakele umbala.



Yila eyakho ipatheni usebenzise iimilo.



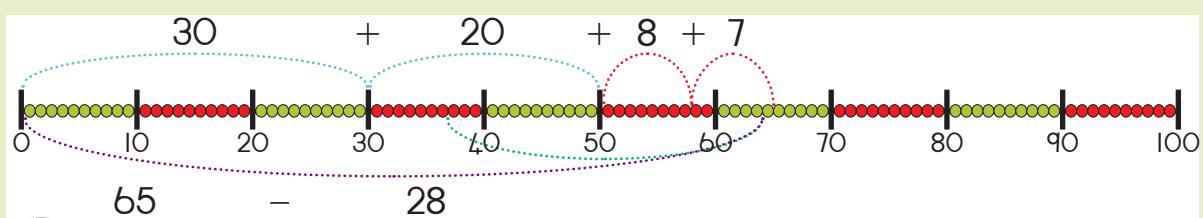
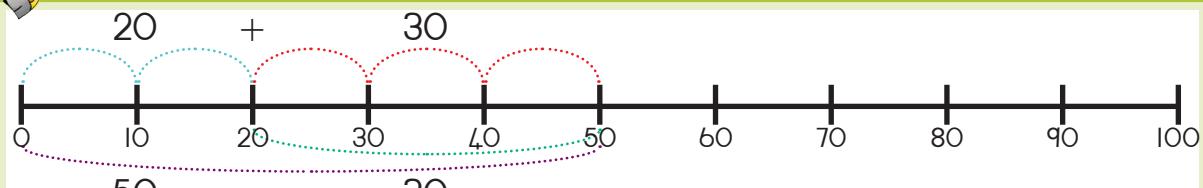
104



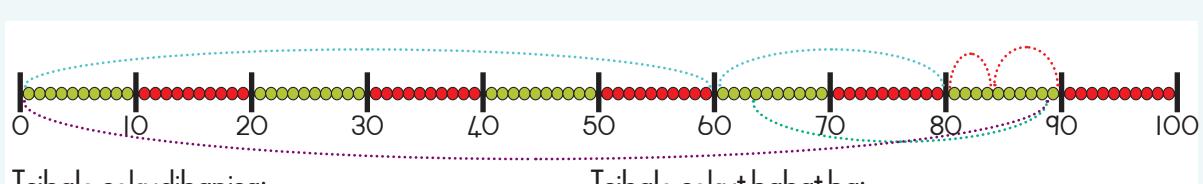
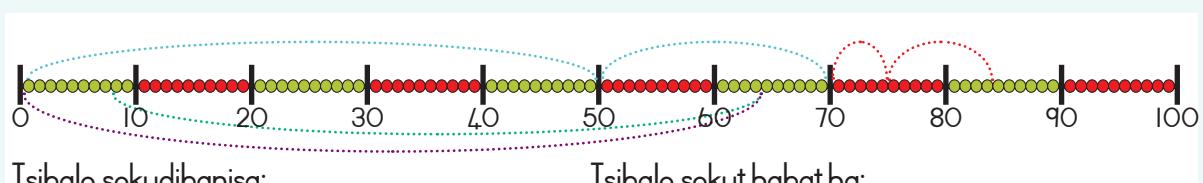
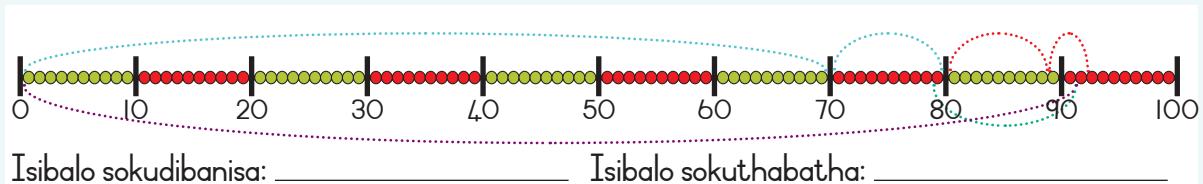
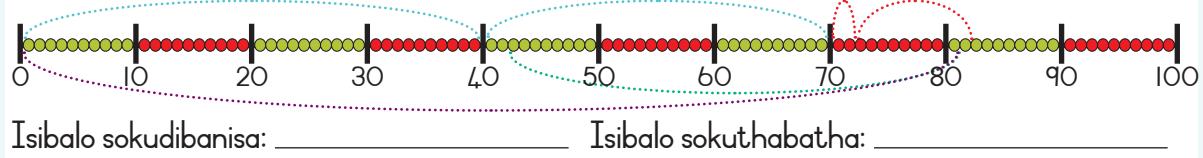
Ikota yesi-4

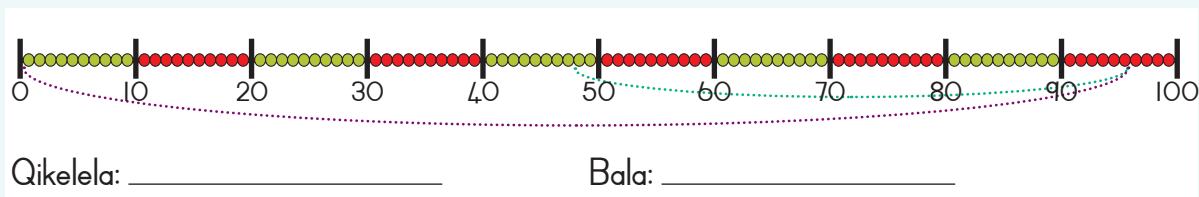
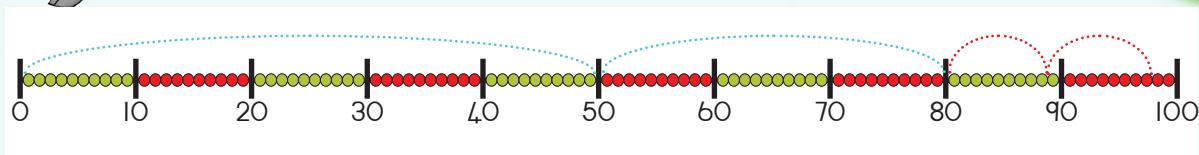
## Ukudibanisa kunye nokuthabatha

Jonga imigca-manani. Ncokola ngayo.



Bhala isibalo sokudibanisa nokuthabatha usebenzise umgca-manani.





$74 + 18$

$72 - 43$



Yintoni isiphumo sama-82 kanye ne-9?

Isiphumo sama-79 kanye ne-13.

Thabatha ama-44 kuma-52.

Umahluko phakathi kwama-98 kanye nama-59.



105



## Okunye ukudibanisa nokuthabatha

Ikota yesi-4

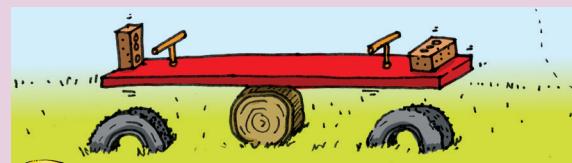


Yenza amacala alingane.

Umhla:

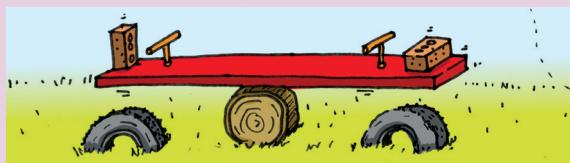
$10 + 4 + 5$

$9 + \boxed{\quad} + \boxed{\quad}$



$90 - 50$

$\boxed{\quad} - 20$



Gqibezela:

1 ngaphezulu

6	7
5	
3	
9	
2	
7	
4	
8	

1 ngaphantsi

4	3
8	
10	
9	
2	
7	
6	
3	

10 ngaphezulu

40	50
10	
60	
70	
20	
80	
30	
100	

10 ngaphantsi

40	30
150	
20	
110	
200	
60	
180	
70	



Gqibezela le mifanekiso.

25

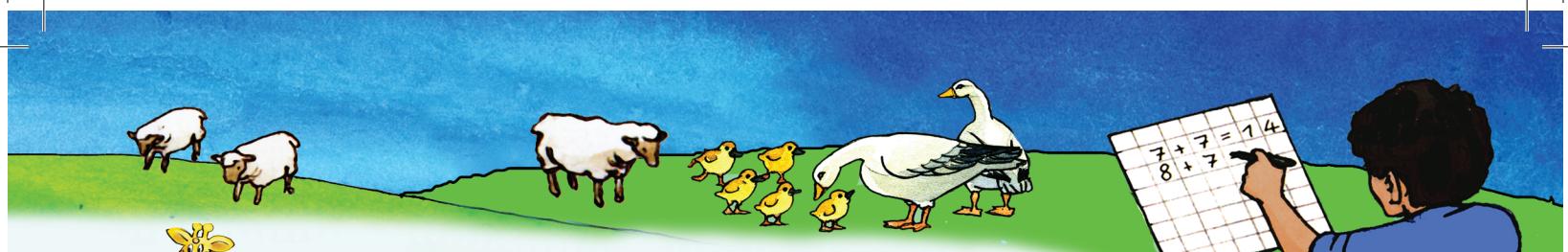
37

89

199

175

163



Yenza izibalo ezi-5 usebenzise la manani nezi mpawu.  
Ungalisebenzisa kabini inani.

$$\begin{array}{r} q \quad 0 \\ - \\ \hline \end{array}$$

$$\begin{array}{r} \phantom{q} \\ - \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 0 \\ + \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + \\ \hline \end{array}$$

$$\begin{array}{r} 1 \quad 0 \quad 0 \\ - \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ - \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 0 \\ + \\ \hline \end{array}$$



Jonga inani uze wenze izibalo ezidibanisayo okanye ezithabathayo  
zibe ninzi kangangoko undko zinike isiphumo esibhalwe ebhodini, umz.  $3 + 4 = 7$ .



Kukuthini  
ukudibana?

$$\begin{array}{ccccc} 2 & 6 & 5 & 7 \\ & & & \\ 4 & 7 & 3 & 8 \\ & & & q \end{array}$$



Kukuthini  
ukuthabatha?

$$\begin{array}{ccccc} 4 & & & 7 & \\ & 5 & q & & \\ 6 & 2 & 8 & 10 & \\ & & & & 3 \end{array}$$



Bala ezi zibalo usebenzise eyakho indlela.  
Kubonise konke ukubala kwakho.

$$48 + 36$$

$$85 - 59$$



Bala isibalo samagama. Zoba umfanekiso ubonise impendulo yakho.

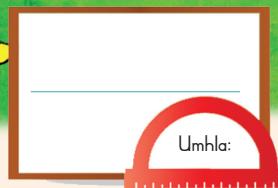
Ndinemali engama-R4.2 endiyigcinileyo waze  
utata wandipha ama-R29.  
Ndinamalini iyonke?

Bendinama-R78 ndaze ndathenga izinto  
zokubhala nge-R34. Ndishiyelelwe yimalini?



11 12 13 14 15 16 17 18 19 20

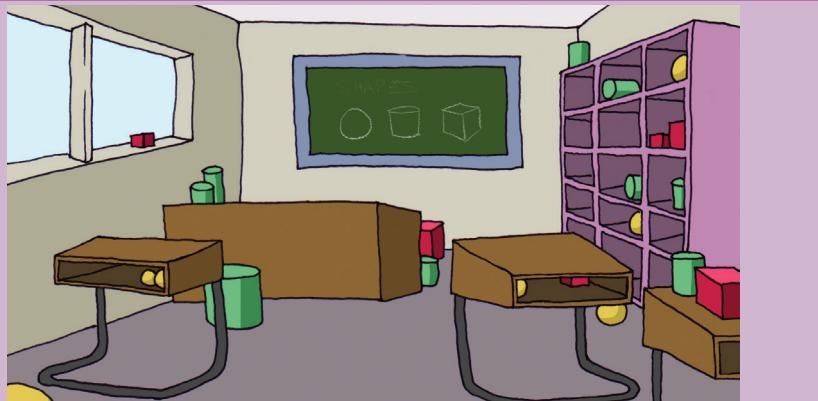
106



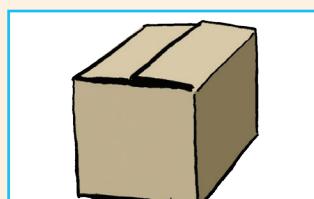
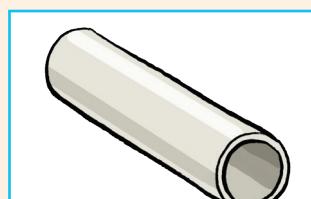
## Iimilo ezingu-3-D

Ikota yesi-4

Ziphi iibhokisi, iibhola neesilinda?



Chaza ukuba yibhokisi okanye yibhola okanye yisilinda.



Funa imifanekiso yezi zinto uze ujincamathelese apha.

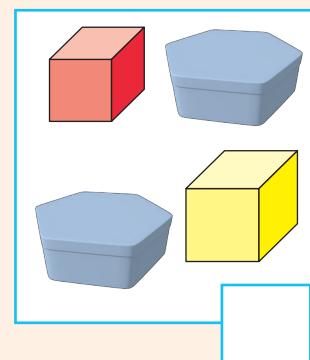
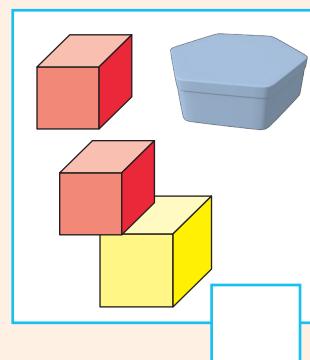
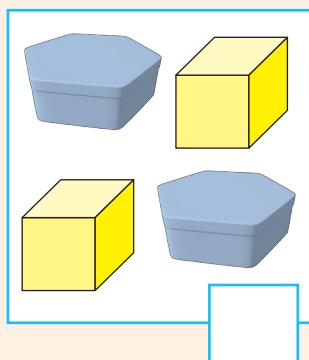
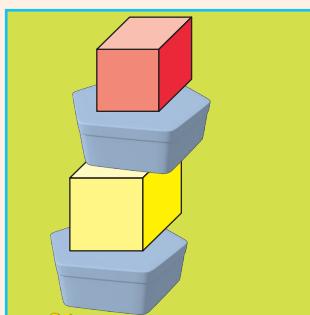
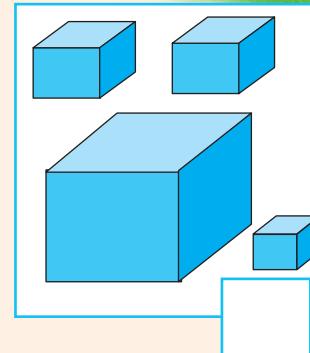
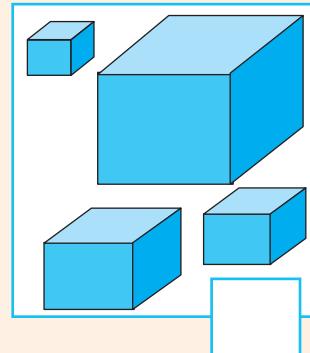
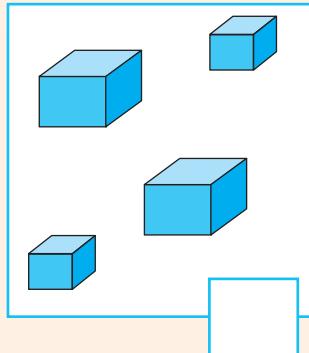
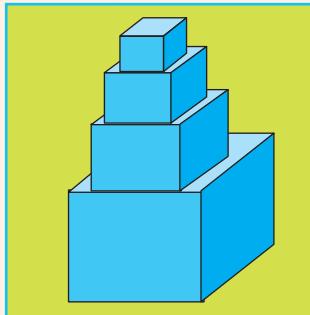
Ibhola

Ibhokisi

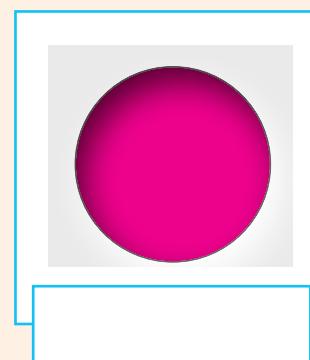
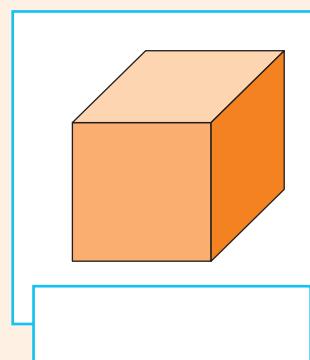
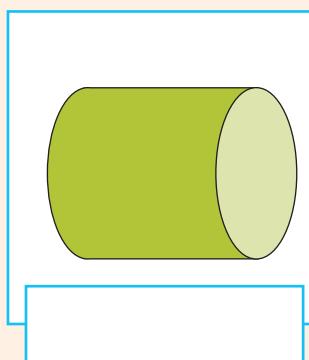
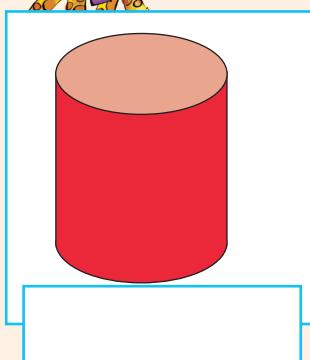
Isilinda



Phawula izinto ezichanekileyo ozisebenzisileyo  
ekwakheni incochoyi engasekhhohlo.



Xela ukuba le nto iza kuqengqeleka na okanye iza kutyibilika.



Yintoni efana nale nto kowenu okanye kwindawo ekufuphi nakowenu?

- Isilinda
- Ibhola
- Ibhokisi

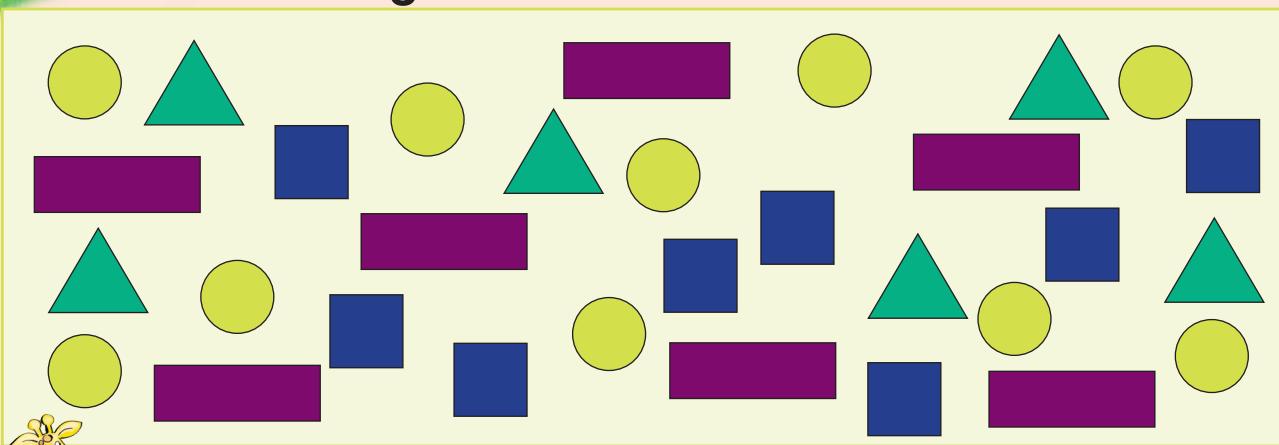


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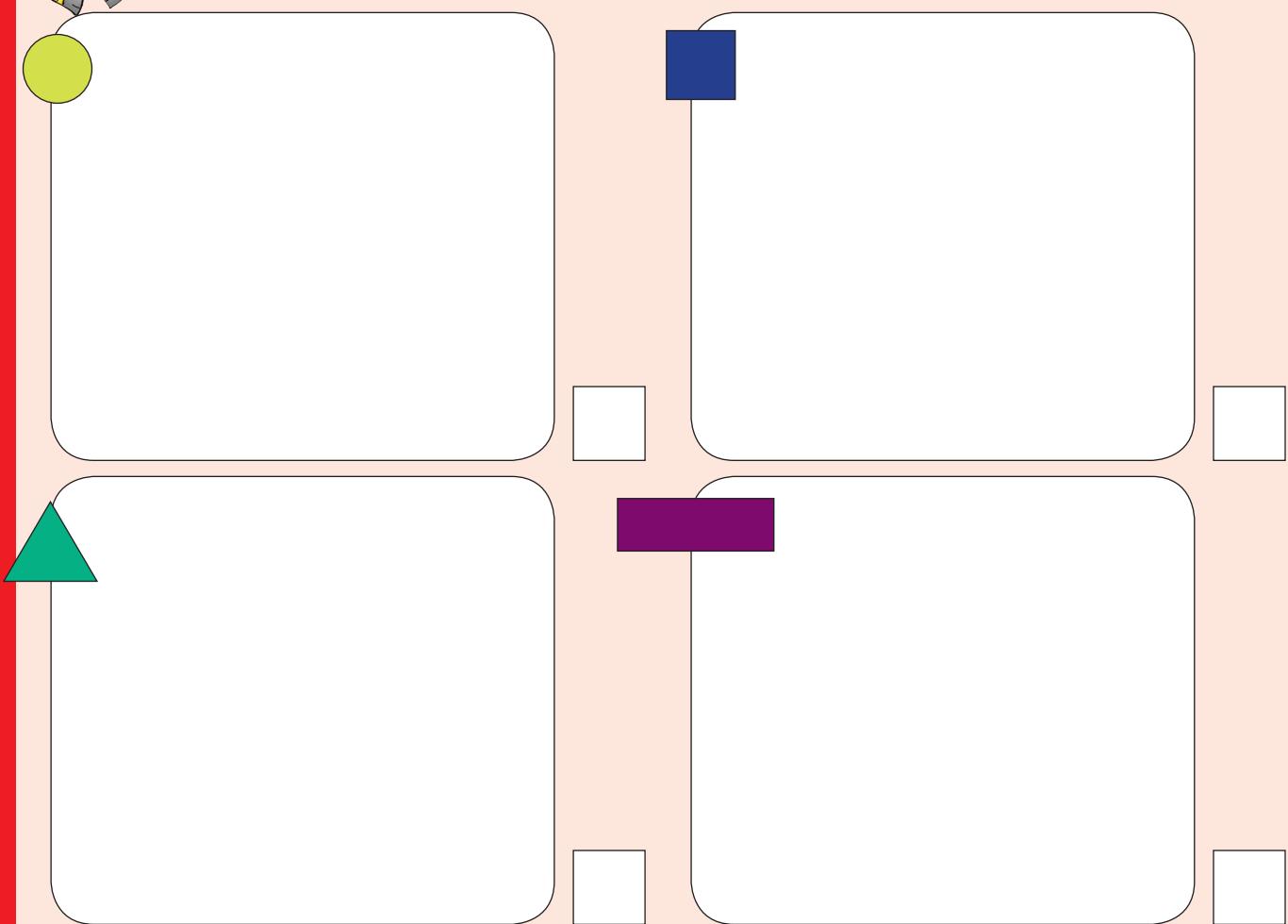


Ikota yesi-4

## Ezinye iinkukacha kwakhona



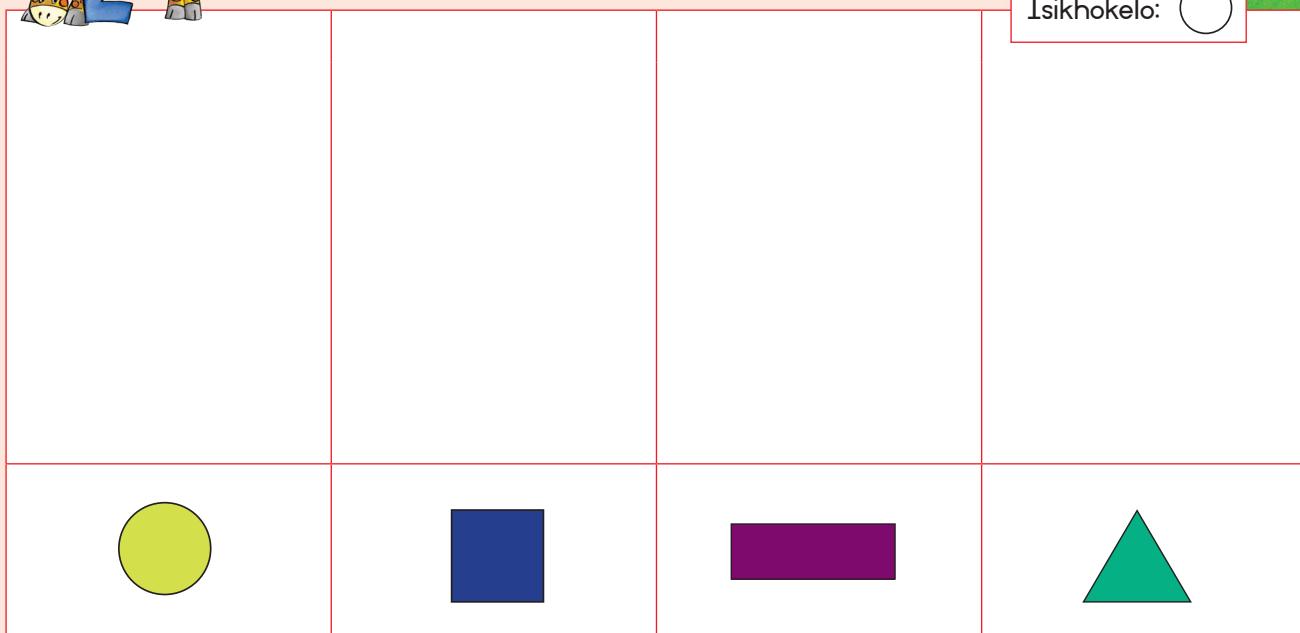
Hlela iimilo. Zenzele owakho umfanekiso. Bhala isiphumo ebbokisini.



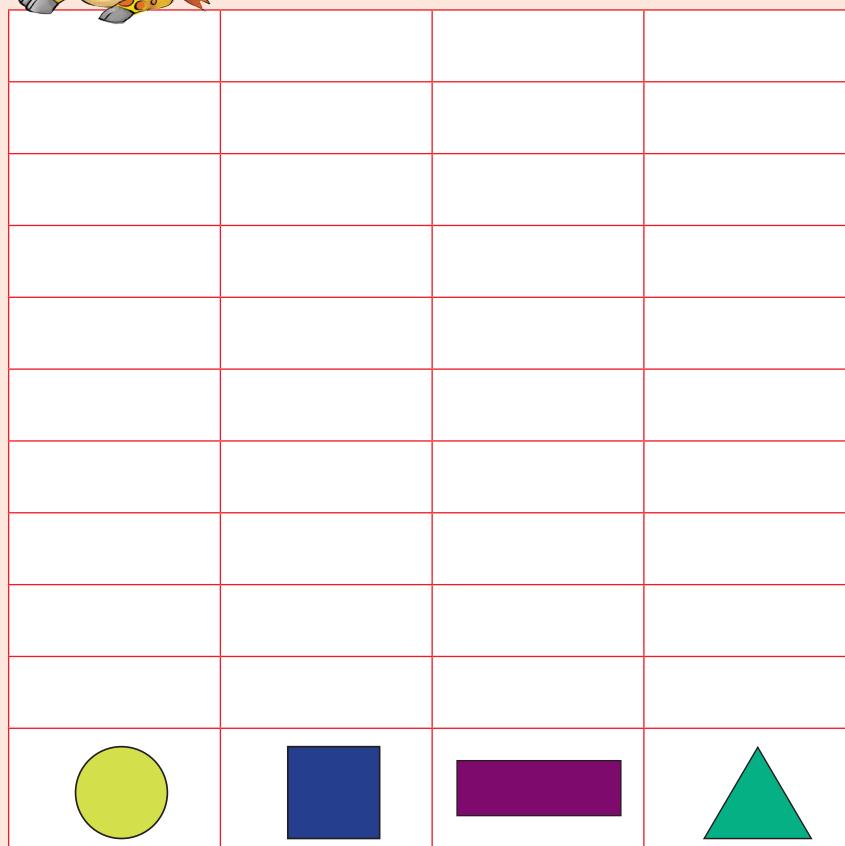


Zoba umfanekiso obonisa iziqhamo zakho ezihleliwego.

Isikhokelo:



Fakela umbala kwezi bloko ugqibezele ibhagrafu yakho.



Zingaphi izangqa  
ezikhoyo?



Zingaphi izikwere  
ezikhoyo?



Zingaphi iingxande  
ezikhoyo?



Bangaphi  
oonxantathu  
abakhoyo?



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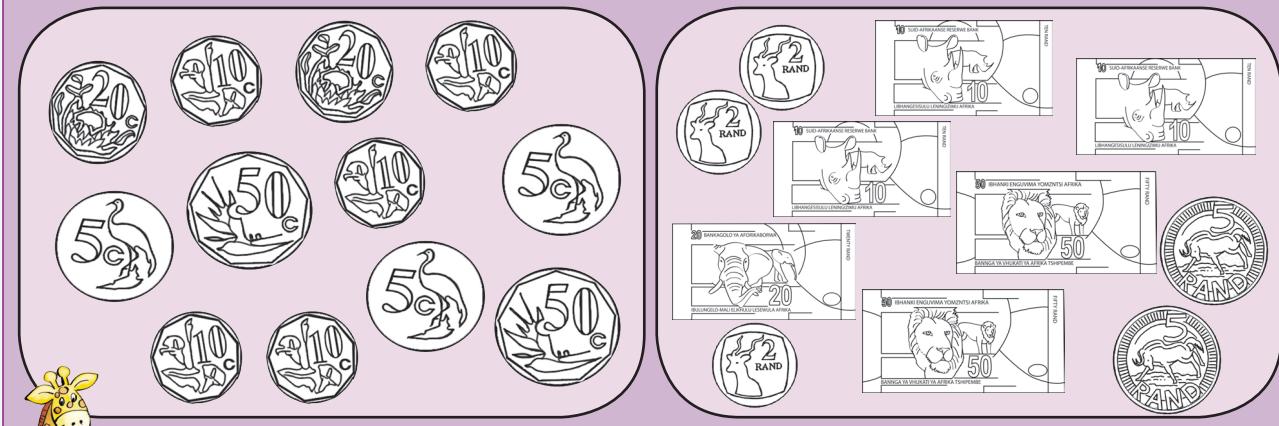


Umhla:

## Ukubala imali

Ikota yesi-4

Fakela umbala kwiinkozo eziya kwenza ama-95c. Fakela umbala kwimali eya kwenza ama-R99.



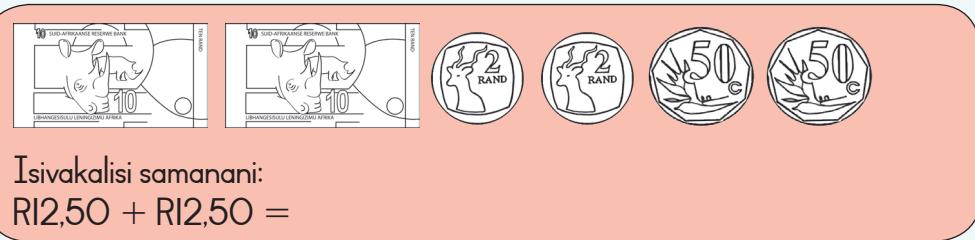
Fakela umbala kwiinkozo zemali eziya kunika isixa esisekuqaleni kumqolo ngamnye. Ingaba kuphela komdibaniso lo?

	Ewe	Hayi
75c		
85c		
90c		

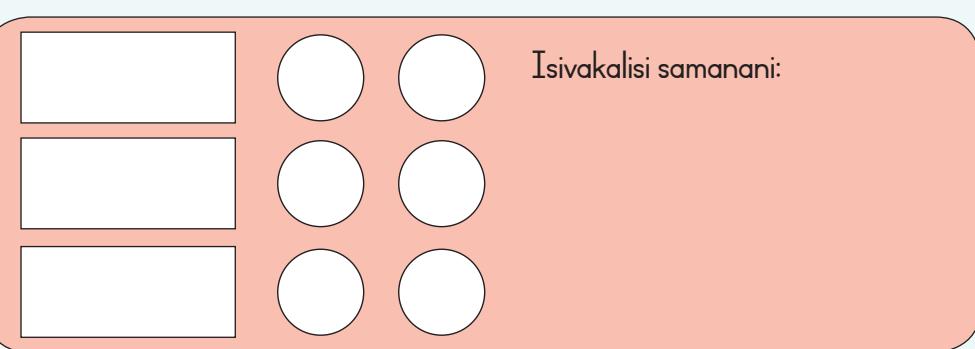


Faka umbala kwimali eziinkozo nengamaphepha eza kukunika esi sixa:  
Ingaba kuphela komdibaniso lo?

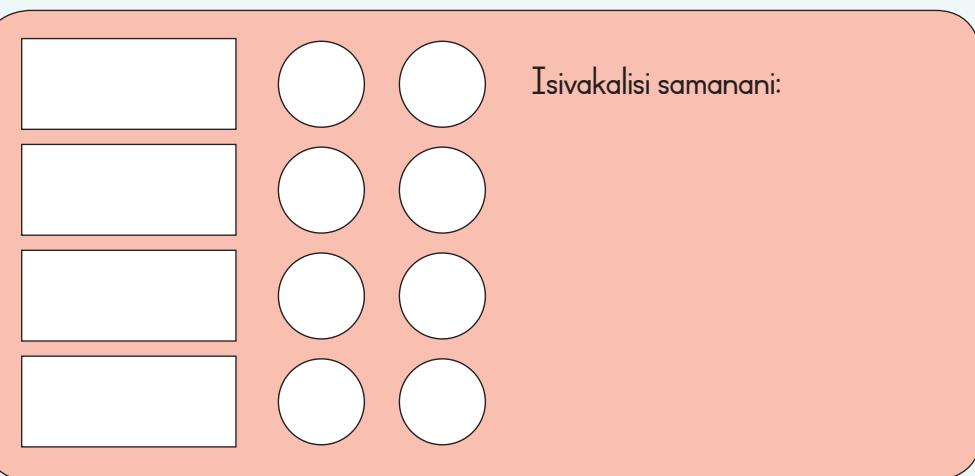
	Ewe	Hayi
R87		
R75		
R94		



Ukuba uSipho uthenga iihambhega ezintathu?



Ukuba uSipho uthenga iihambhega ezine?



Zingaphi iihambega anokuzithenga uSipho ngama-R87,50. Yenza umfanekiso ofana nale ingasentla ukuze ukuncede ekusombululeneli qhina lezibalo. Sebenzisa elinye iphepha elilodwa.



10q



## Sombulula amaqhina emali

Ikota yesi-4

Ndiza kufumana malini xa ndithengise iitshokolethi ezili-10? Jonga le mifanekiso uze uqhubi nepatheni.

Iitshokolethi ezi-1



Iitshokolethi ezi-2



Iitshokolethi ezi-3



Iitshokolethi ezi-4



USheila uthengisa imidundu ngee-R4 umnye. Gqibezela le theyibhile ukuze imncede afumane isixa seeodolo ezinkulu.

Inani lemidundu	1	2	3	4	5	6	7	8	9	10
Imali eziinkozo										
Ixabiso ngeerandi	R4									



Ukuba uSheila ubiza ii-R5 ngomdundu omnye?

Inani lemidundu	1	2	3	4	5	6	7	8	9	10
Imali eziinkozo										
Ixabiso ngeerandi	R5									



USello ujonga abantwana abancinci. Ubiza ii-R5 ngeyure enye.  
Gqibezela le theyibhile.

Inani leeyure	1	2	3	4	5	6	7	8	9	10
Ixabiso ngeerandi										



USello ugqibe kwelokuba ayiphinde kabini imali ayihlawulisayo ngeyure.  
Bonisa oku kwitheyibhile.

Inani leeyure	1	2	3	4	5	6	7	8	9	10
Ixabiso ngeerandi	25	30								



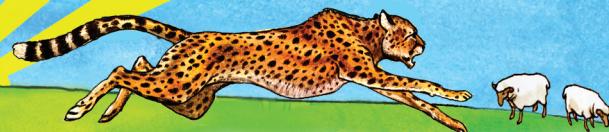
Zoba umfanekiso ubonise ixabiso likaSello lokujonga iintsana iiyure ezisi-8, xa ebiza i-R5 ngeyure.



Ufuna ukuthenga iimafini ezili-10. Imafini nganye ixabisa ii-R10. Uza kuhlawula malini ngemafini e-1 okanye ngeemafini ezi-2, 3, 4, 5, 6, 7, 8, 9 okanye ezili-10. Bonisa oku kwitheyibhile kwiphepha elisecaleni.

Teacher:
Sign:
Date:

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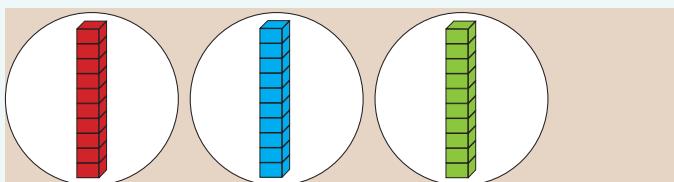


## Ukwenza amaqela nokwahlulelana

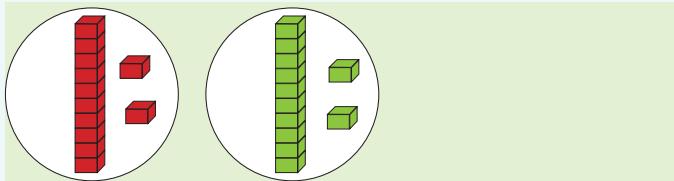
Ikota yesi-4

Zingaphi iibloko ezikwisangqa ngasinye? Zabele abantwana.

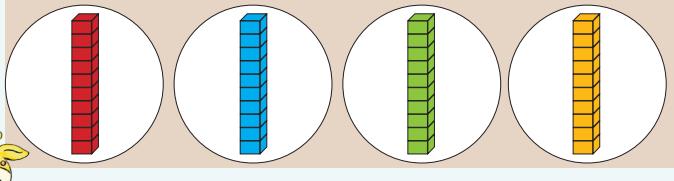
Zingaphi iibloko ezikwisangqa ngasinye? Bhala inani lazo zonke kwisangqa esizuba.  
Bhala isibalo sophinda-phindo sebloko nganye.



$$\square \times \square = \square$$



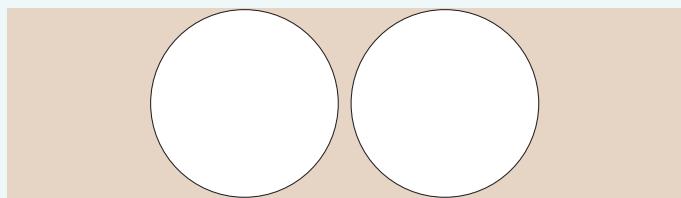
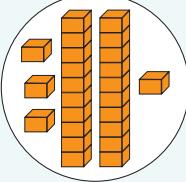
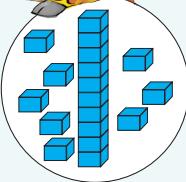
$$\square \times \square = \square$$



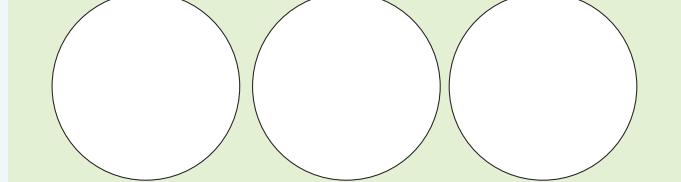
$$\square \times \square = \square$$



Yahlula iibloko ngokwezangqa. Bhala isibalo sokwahlula.



$$\square \div \square = \square$$



$$\square \div \square = \square$$



Zoba oku kulandelayo. Bhala isibalo ngasinye .

Amaqela ama-3 ezi-2



Isibalo sokudibanisa:



Isibalo sokuphinda-phinda:

Yahlula izibalisi ezili-12 ka-4



Isibalo sokuthabatha:



Isibalo sokwahlula:

Amaqela ama-4 ama-10



Isibalo sokudibanisa:



Isibalo sokuphinda-phinda:

Yahlula izibalisi ezingama-36 ka-3



Isibalo sokuthabatha:



Isibalo sokwahlula:



Bala.

Amaqela ama-2 ezi-7 \_\_\_\_\_

Amaqela ama-4 ezi-5 \_\_\_\_\_

Yahlula i-18 ka-2 \_\_\_\_\_

Yahlula ama-35 ka-5 \_\_\_\_\_

Amaqela ama-3 ezi-8 \_\_\_\_\_

Amaqela ama-2 e-15 \_\_\_\_\_

Yahlula ama-24 ka-3 \_\_\_\_\_

Yahlula ama-50 nge-10 \_\_\_\_\_



ukuphinda-phinda kabini

11

12

13

14

15

16

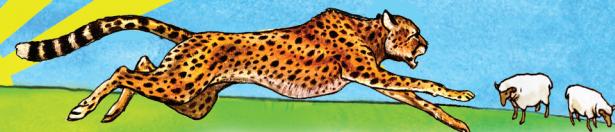
17

18

19

20

qq



## Okunye ngomthamo

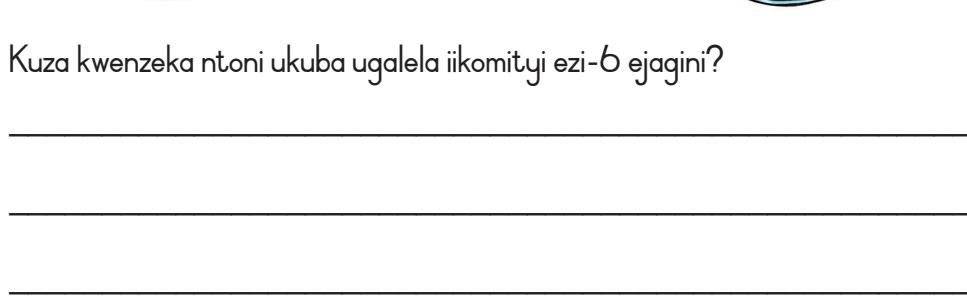
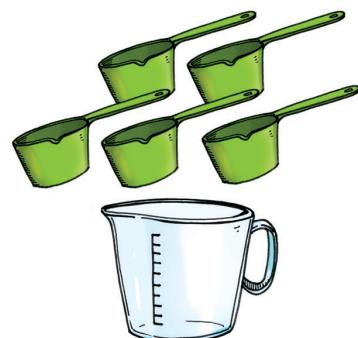
Ikota yesi-4



Jonga emifanekisweni. Benza ntoni abantwana?



Ingaba ezi komityi ziza kuyizalisa kangakanani ijagi? Fakela umbala.



Kuza kwenzeka ntoni ukuba ugalela iikomityi ezi-6 ejagini?



Zingaphi iikomityi zamanzi ezifunekayo ukuze uzalise ezi jagi zilandelayo?

Ijagi ezi-2 \_\_\_\_\_

Ijagi ezi-3 \_\_\_\_\_

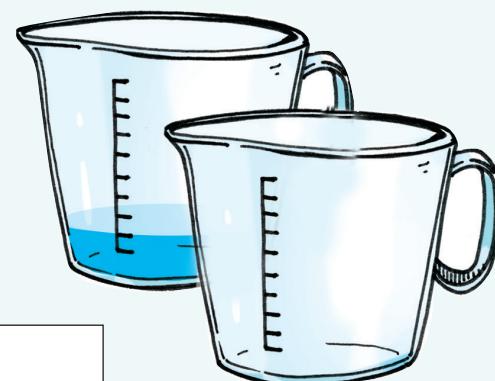
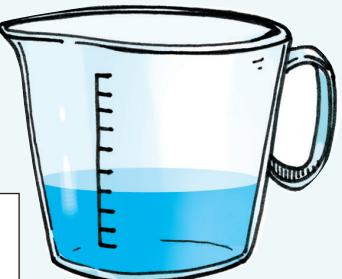
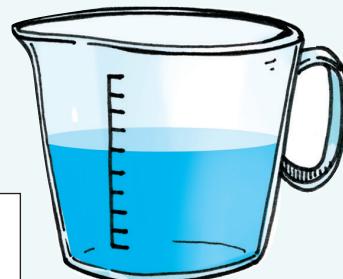
Ijagi ezi-4 \_\_\_\_\_

Ijagi ezi-5 \_\_\_\_\_



Zingaphi iikomityi ezingaphezulu ozifunayo ukuzalisa ijagi okanye iijagi?

2

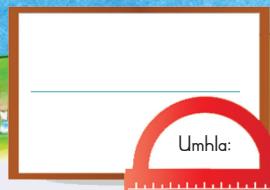
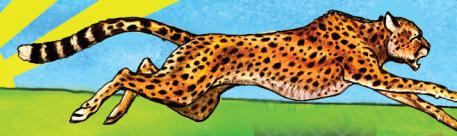


Funa umfanekiso wezikhongozelo ezinomthamo ongangelitha e-1, ezi-2 nezi-5. Yincamatelise apha okanye kwincwadi yemisebenzi. Yincamatelise uqale ngesikhongozelo esithatha kakhulu uye kwesona sithatha kancinci.



Teacher:
Sign:
Date:

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## Lipatheni zamanani

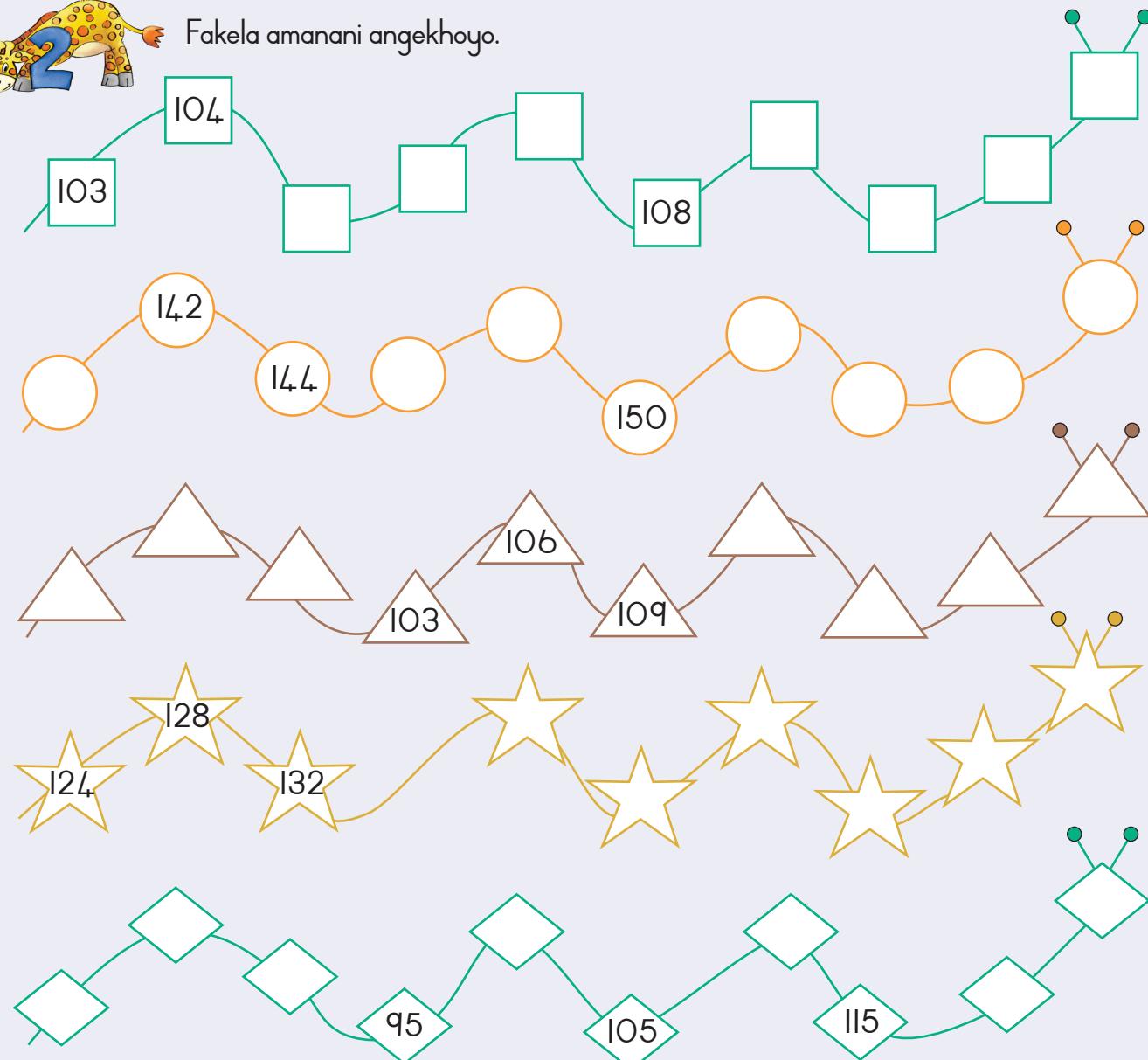
Beka amakhadi ngokulandelelana. Qala ngelikhulu uye kwelincinci, uze uqale ngelincinci uye kwelikhulu.

Ikota yesi-4

5	3	8	1	9	7	6	2	4
61	66	64	69	62	68	67	63	65
I36	I32	I40	I38	I31	I35	I33	I37	I34



Fakela amanani angekhoyo.





Gqibezela ngokubala ubuya umva.

128	126	124			118				
160	157	154							
200	195	190							



Gqibezela ngokwandisa le patheni:

100, 102, 104, \_\_\_, \_\_\_, \_\_\_, \_\_\_, \_\_\_

160, 155, 150, \_\_\_, \_\_\_, \_\_\_, \_\_\_, \_\_\_

115, 118, 121, \_\_\_, \_\_\_, \_\_\_, \_\_\_, \_\_\_

200, 190, 180, \_\_\_, \_\_\_, \_\_\_, \_\_\_, \_\_\_



Gqibezela umgca-manani.

$$2 + 2 + 2$$

0    2    4    6

$$3 + 3 + 3$$

0    3    6    9

$$4 + 4 + 4$$

0    4    8    12



4      20  
8      12  
16

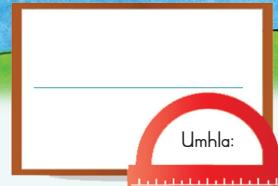
2      14  
8      12  
10     4     6

5      15  
25     20  
30     10

3      21  
15     6  
18     9     12



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## Phinda-phinda ka-3

Ikota yesi-3

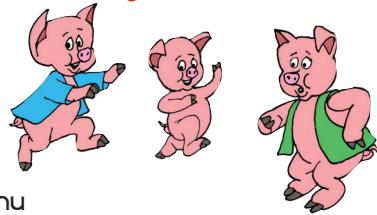
Zonke izilwanyana zinamanqina ama-4.



iimpuku eziziumfama ezi-3



iihagu ezincinci ezi-3



iibhere ezincinci ezintathu

Mangaphi amanqina akulo  
mfanekiso ewonke?Zingaphi iindlebe ezikulo  
mfanekiso zizonke?

Jonga emfanekisweni uze ugqibezele oku kulandelayo:



<input type="text"/>	$\times$	<input type="text"/>	$=$	<input type="text"/>
Inani leempuku	Amanqina esilwanyana ngasinye			

<input type="text"/>	$\times$	<input type="text"/>	$=$	<input type="text"/>
Inani leempuku	Amanqina esilwanyana ngasinye			



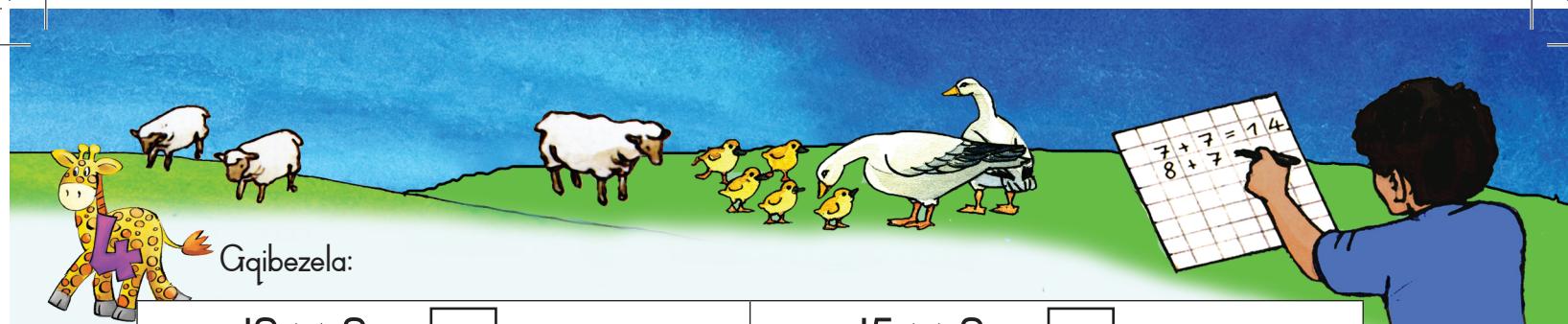
Gqibeza:

3	6	9							
30	27	24							



Gqibeza:

$5 \times$ = <input type="text"/> ama-apile	$4 \times$ = <input type="text"/> iibhanana
$6 \times$ = <input type="text"/> iibhanana	$7 \times$ = <input type="text"/> ama-apile



Gqibezela:

$$13 \times 3 = \boxed{\phantom{00}}$$

$$\begin{array}{r} 1 \ 0 \\ \ 3 \\ \hline \end{array} \times 3$$

$$= \begin{array}{r} 1 \ 0 \\ \ 3 \\ \hline \end{array} + \begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$= \begin{array}{r} 1 \ 0 \\ \times 3 \\ \hline \end{array} + \begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$= 30 + 9$$



$$15 \times 3 = \boxed{\phantom{00}}$$

$$\begin{array}{r} 1 \ 0 \\ \ 5 \\ \hline \end{array} \times 3$$

$$= \boxed{\phantom{00}} + \boxed{\phantom{00}} \times \boxed{\phantom{0}}$$

$$= \boxed{\phantom{00}} \times \boxed{\phantom{0}} + \boxed{\phantom{00}} \times \boxed{\phantom{0}}$$

$$= \boxed{\phantom{00}} + \boxed{\phantom{0}}$$

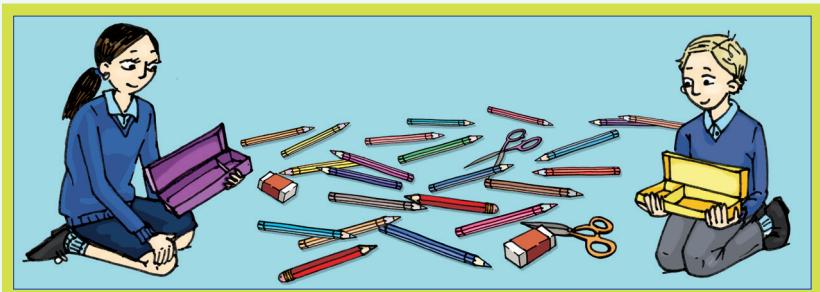
$$= \boxed{\phantom{00}}$$



Abahlobo ababini bawise  
izingxobo zeepenisile  
zabo. Bebenezinto  
zokubhala ezifana twatse.  
Bancedise babuyisele ezi  
zinto kwizingxobo zabo.



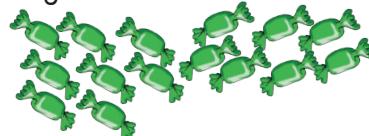
Gqibezela:



Yaba itshokolethi phakathi  
kwabantwana aba-2 ngokulinganayo.

Emnye ufumana

Yaba iilekese ezili-15 phakathi kwabantwana  
aba-3 ngokulinganayo.



Emnye ufumana



Zoba imifanekiso ubonise impendulo yakho.

Zoba umfanekiso ukuze ubale oku:  
Yabela abantwana aba-3 iipenisile  
ezili-9.

Emnye ufumana

Yabela abantwana aba-3 iikhrayoni ezili-16.  
Zikhona iikhrayoni ezishiyekileyo?

Emnye ufumana



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## Uphinda-phindo oluxutyiweyo

Ikota yesi-4

Jonga oku kulandelayo, uqaphela ntoni?

$$5 + 5 + 5 = 15$$



Amaqela ama-3  
ezi-5 = 15



Amaqela ama-3 ezi-5  
enza i-15



Isi-3 esiphindwe ka-5 = 15

$$3 \times 5 = 15$$

$$5 \times 3 = 15$$



Gqibezela le theyibhile ingezantsi. Lo mzekelo uza kunikhokela.

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindiweyo	Izintlu	Iinyani
3, 6, 9, 12		$3 + 3 + 3 + 3$	<p>Imigca emi-3 yezi-4</p> <p></p>	$3 \times 4 = 12$ $4 \times 3 = 12$
		$4 + 4 + 4$		$6 \times 5 = 30$ $5 \times 6 = 30$
2, 4, 6, 8, 10, 12				



$1 \times 2 =$	<input type="text"/>
$2 \times 2 =$	<input type="text"/>
$3 \times 2 =$	<input type="text"/>
$4 \times 2 =$	<input type="text"/>
$5 \times 2 =$	<input type="text"/>
$6 \times 2 =$	<input type="text"/>
$7 \times 2 =$	<input type="text"/>
$8 \times 2 =$	<input type="text"/>
$9 \times 2 =$	<input type="text"/>
$10 \times 2 =$	<input type="text"/>

$1 \times 5 =$	<input type="text"/>
$2 \times 5 =$	<input type="text"/>
$3 \times 5 =$	<input type="text"/>
$4 \times 5 =$	<input type="text"/>
$5 \times 5 =$	<input type="text"/>
$6 \times 5 =$	<input type="text"/>
$7 \times 5 =$	<input type="text"/>
$8 \times 5 =$	<input type="text"/>
$9 \times 5 =$	<input type="text"/>
$10 \times 5 =$	<input type="text"/>



Phendula le mibuzo ilandelayo.  
Nika impendulo:

izihlanu ezine	<input type="text"/>
phinda kabini isi-6	<input type="text"/>
phinda ka-5 isi-6	<input type="text"/>
isi-2 esiphindwe ka-4	<input type="text"/>
isi-8 esiphindwe ka-2	<input type="text"/>



Nika inani endaweni  
yebhokisi.

Amaqela ama-3 ezi-2 alingana nesi-6 okanye isi-3 esiphindwe ka-2 senza ezi-6 okanye $3 \times 2 =$ <input type="text"/>	<input type="text"/>
Amaqela ama-4 ezi-3 enza i-12 okanye isi-4 esiphindwe ka-3 senza i-12 okanye $4 \times 3 =$ <input type="text"/>	<input type="text"/>
Amaqela ama-6 ezi-3 enza i-18 okanye isi-6 esiphindwe ka-3 senza i-18 okanye $6 \times$ <input type="text"/> = 18	<input type="text"/>

Isibalo: Kukho izibalisi ezithathu emgceni. Kukho imigca emi-4. Zingaphi izibalisi ezikhoyo zizonke? Zoba umfanekiso ubonise impendulo yakho.



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## Okunye ukuphinda-phinda

Jonga imizekelo.

Ikota yesi-4



Yintoni  
uphinda-phindo?

25 - 10 - 2013	
$4 \times 2 =$	8
$3 \times 4 =$	12
$4 \times 5 =$	20
$2 \times 6 =$	12
Ufumana ntoni xa uphinda-phinde isi-2 kasi-7.	

$$\begin{aligned}1 \times 5 &= 5 \\2 \times 5 &= 10 \\3 \times 5 &= 15 \\4 \times 5 &= 20 \\5 \times 5 &= 25 \\6 \times 5 &= 30 \\7 \times 5 &= 35 \\8 \times 5 &= 40 \\9 \times 5 &= 45 \\10 \times 5 &= 50\end{aligned}$$

Gqibezela:

	1	2	3	4	5	6	7	8	9	10
$\times 2$	2	4	6							

Sebenzisa eyakho indlela yokubala ukuze ufumane impendulo.

$12 \times 2$

$16 \times 2$

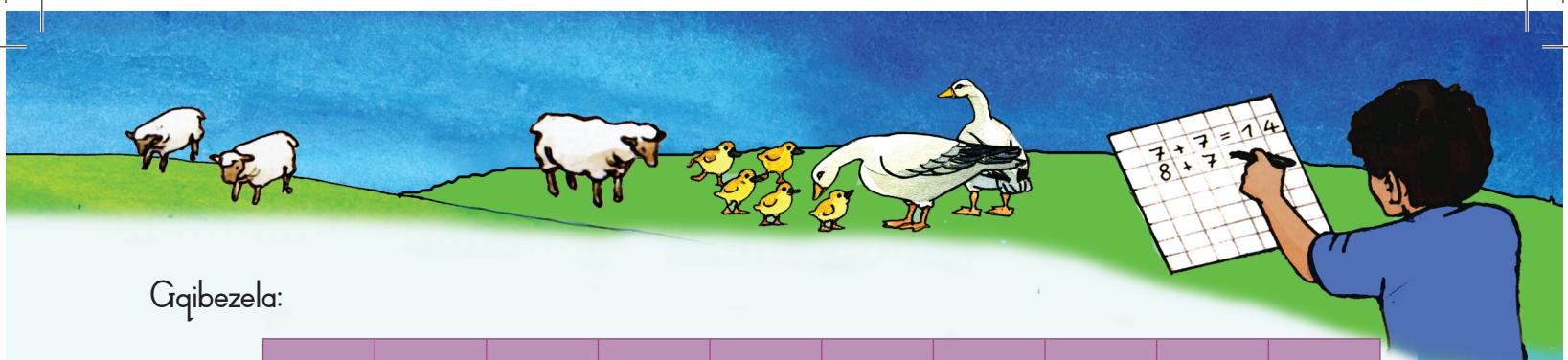
Gqibezela:

	1	2	3	4	5	6	7	8	9	10
$\times 3$	3	6	9							

Sebenzisa eyakho indlela yokubala ufumane impendulo.

$13 \times 3$

$15 \times 3$



Gqibezela:

	1	2	3	4	5	6	7	8	9	10
$\times 4$	4	8	12							

Sebenzisa eyakho indlela yokubala ufumane impendulo.

$$11 \times 4$$

$$14 \times 4$$

Gqibezela:

	1	2	3	4	5	6	7	8	9	10
$\times 5$	5	10	15							

Sebenzisa eyakho indlela yokubala ufumane impendulo.

$$12 \times 5$$

$$16 \times 5$$



Kukho iierenji ezili-12 engxoweni. Zingaphi iierenji:

Kwiingxowa ezi-4?

Kwiingxowa ezi-5?

Kwiingxowa ezi-3?

Kwiingxowa ezi-2?






llba



Ikota yesi-4



## Iintsuku zeveki

Umhla:

Lungisa oonobumba beentsuku zeveki.

LWINISBE

BELIMGOQ

LOMVU

LWATHUESTHA

SEELWIN

NULWEHLASI

ACWE



Fakela iintsuku ezingekhoyo.

Mvulo		Lwesithathu	
Cawe		Lwesibini	



Bhala iintsuku zeveki.

Cawe						
------	--	--	--	--	--	--



Zingaphi iintsuku ukusuka:

kuMvulo ukuya kuLwesine? \_\_\_\_\_

kuLwesibini ukuya kuLwesihlanu? \_\_\_\_\_

kuLwesine ukuya kuMgqibelo? \_\_\_\_\_



Zingaphi iintsuku eziphakathi:

koLwesibini noMgqibelo? \_\_\_\_\_

koLwesithathu noLwesihlanu? \_\_\_\_\_

koLwesine neCawe \_\_\_\_\_

# Iinyanga zonyaka



Lungisa oonobumba beenyanga zonyaka.



EYUMNGOQU

AMBEDYUMO

ELAYEKHA

EDAWYEHRA

NKAEYENGA

MSIEYONTSI

ETHUYEPPA

ECIKABENAZI

ELISIMEYELA

KWEYONIDLÀ

EZIKATSHANZIMPU

NGAMEYO



Zingaphi iintsuku kwinyanga nganye?

EyoMqungu 31	EyoMdumba	EyoKwindla	EkaTshazimpuzi
EkaCanzibe	EyeSilimela	EyeKhala	EyeThupha
EyoMsintsi	EyeDwarha	EyeNkanga	EyoMnga



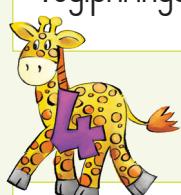
Phendula oku:

Khumbula ukuba ligama  
lenyanga ngoko ke kufuneka  
liqale ngonobumba omkhulu.



Yeyiphi inyanga ephambi kwegoKwindla? \_\_\_\_\_

Yeyiphi inyanga elandela eyeSilimela? \_\_\_\_\_



Ukuba kungeyeKhala, zingaphi iinyanga phambi kokuba ibe:

YeyoMsintsi? \_\_\_\_\_

Lusuku lwakho lokuzalwa? \_\_\_\_\_



11

12

13

14

15

16

17

18

19

20

llbb

# Iintsuku, iiveki kanye neenyanga

Ikota yesi-4



Umhla:

EyoMnga 2015

Cawa	Mvulo	Lwesibini	Lwesithathu	Lwesine	Lwesihlanu	Mgqibelo
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



Jonga ikhalenda uze uphendule oku:

Umhla woku-1 kweyoMnga ungeluphi usuku? \_\_\_\_\_

Umhla we-15 kweyoMnga ungeluphi usuku? \_\_\_\_\_

Umhla wama-24 kweyoMnga ungeluphi usuku? \_\_\_\_\_

Umhla we-12 kweyoMnga ungeluphi usuku? \_\_\_\_\_



Phendula le mibuzo:

Zingaphi iintsuku kwinyanga yoMnga? \_\_\_\_\_

Zingaphi iiveki kweyoMnga? \_\_\_\_\_

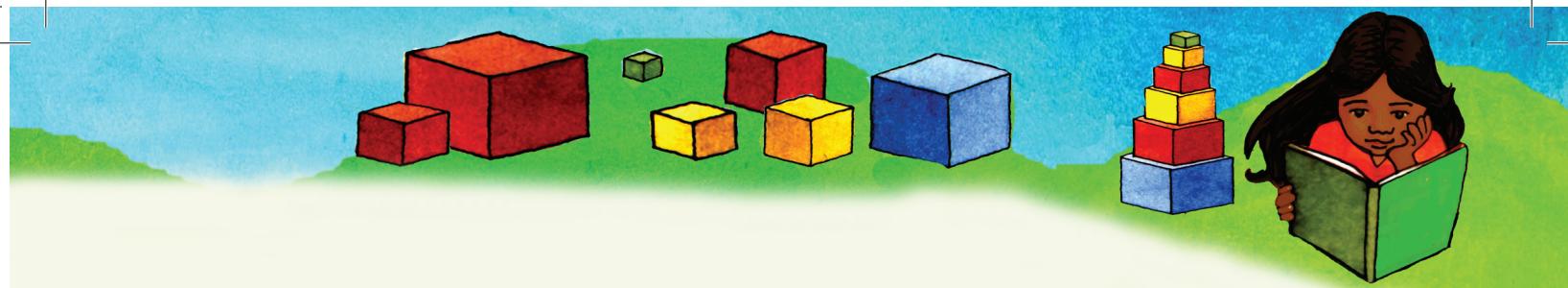
Zingaphi iintsuku evekini? \_\_\_\_\_

Zivalwa nini izikolo kweyoMnga? \_\_\_\_\_

Kwenzeka ntoni ngomhla wama-25 kweyoMnga? \_\_\_\_\_

Kwenzeka ntoni ngomhla wama-31 kweyoMnga? \_\_\_\_\_

Loluphi usuku olulandela umhla wama-31 kweyoMnga? \_\_\_\_\_



Fakela umbala omthubi kuwo onke amanani angumnaqakathi kwikalenda?

Uqaphela ntoni? \_\_\_\_\_

Fakela umbala obomvu kuwo onke amanani angoonombini kwikalenda.

Uqaphela ntoni? \_\_\_\_\_



Gqibezela le khalenda. Fakela unyaka kanye nemihla.

EkaTshazimpuzi \_\_\_\_\_

Cawa	Mvulo	Lwesibini	Lwesithathu	Lwesine	Lwesihlanu	Mgqibelo



Uthini umhla kwaye loluphi usuku?

Umhla	Usuku



Zingaphi iintsuku ukusuka:

	ukuya		



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Umhla:

Ikota yesi-4

I01	I02	I03	I04	I05	I06	I07	I08	I09	I10
II1	II2	II3	II4	II5	II6	II7	II8	II9	I20
I21	I22	I23	I24	I25	I26	I27	I28	I29	I30
I31	I32	I33	I34	I35	I36	I37	I38	I39	I40
I41	I42	I43	I44	I45	I46	I47	I48	I49	I50

I51	I52	I53	I54	I55	I56	I57	I58	I59	I60
I61	I62	I63	I64	I65	I66	I67	I68	I69	I70
I71	I72	I73	I74	I75	I76	I77	I78	I79	I80
I81	I82	I83	I84	I85	I86	I87	I88	I89	I90
I91	I92	I93	I94	I95	I96	I97	I98	I99	200



Gqibezela ipatheni.

I	2	3	4	5	6	7	8	9	10
II	12	I3	I4	I5	I6	I7	I8	I9	I20
I21	22	23	24	25	26	27	28	29	30
I31	32	33	34	35	36	37	38	39	40
I41	42	43	44	45	46	47	48	49	50
I51	52	53	54	55	56	57	58	59	60
I61	62	63	64	65	66	67	68	69	70
I71	72	73	74	75	76	77	78	79	80
I81	82	83	84	85	86	87	88	89	90
I91	92	93	94	95	96	97	98	99	I00
I01	I02	I03	I04	I05	I06	I07	I08	I09	I10
III	II2	II3	II4	II5	II6	II7	II8	II9	I20
I21	I22	I23	I24	I25	I26	I27	I28	I29	I30
I31	I32	I33	I34	I35	I36	I37	I38	I39	I40
I41	I42	I43	I44	I45	I46	I47	I48	I49	I50
I51	I52	I53	I54	I55	I56	I57	I58	I59	I60
I61	I62	I63	I64	I65	I66	I67	I68	I69	I70
I71	I72	I73	I74	I75	I76	I77	I78	I79	I80
I81	I82	I83	I84	I85	I86	I87	I88	I89	I90
I91	I92	I93	I94	I95	I96	I97	I98	I99	200



Ingaba inani **lingumnqakathi** okanye **lingunombini**?  
Yenza isangqa kwigama elithi **mnqakathi** okanye **nombini**.

4 <b>mnqakathi nombini</b>	19 <b>mnqakathi nombini</b>	21 <b>mnqakathi nombini</b>
26 <b>mnqakathi nombini</b>	20 <b>mnqakathi nombini</b>	18 <b>mnqakathi nombini</b>



Fakela inani elingekhoyo ugqibezele ipatheni ephindiweyo.

33, 39, 33, , 33, 39, 33, 39

96, 74, 96, 74, 96, 74, 96,

38, 45, 38, 45, , 45

49, 5, 46, 20, 49, 5, , 20, 49, 5, 46, 20, 49, 5, 46

, 78, 21, II, 78, 21, II, 78, 21, II

Dwelisa amanani anombala  
akuncede wenze  
izibalo.



Fakela inani elingekhoyo ugqibezele ipatheni ephindiweyo.

55, 21, 19, 63, 55, 21, 19, 63, 55, 21, 19, 63, 55, 21, 19,

18, 28, 36, 18, 28, 36, 18, 28, 36, 18, 28, 36, 18,

II, 76, II, 76, II, 76, II, 76,

60, 91, 94, 60, 91, 94, 60, 91, 94, 60,

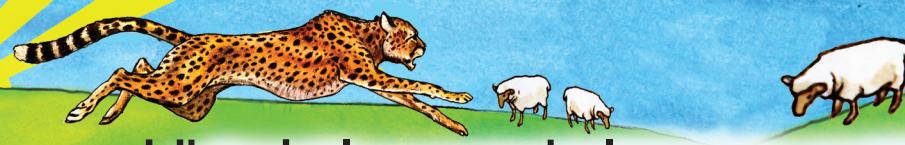
28, 47, 78, 28, 47, 78, 28, 47, 78, 28, 47, 78, 28,



Teacher:

Sign:

Date:

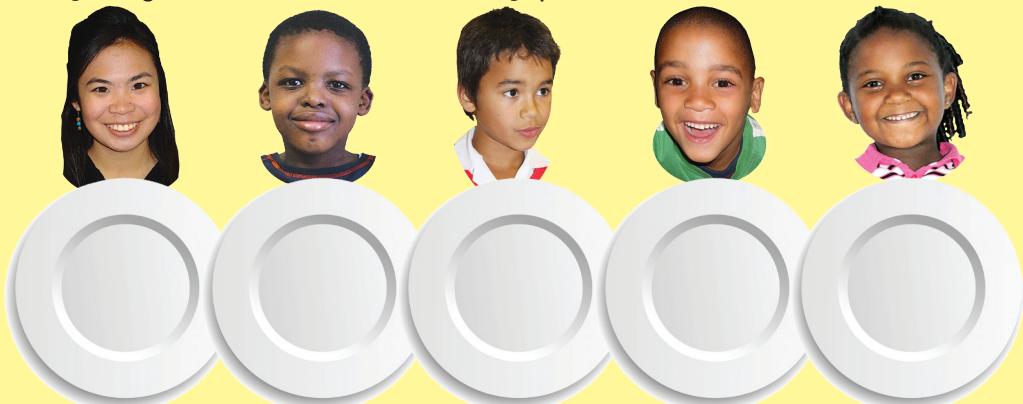


## Ukwabelana ngokulinganayo kukhokelela kumaqhezu

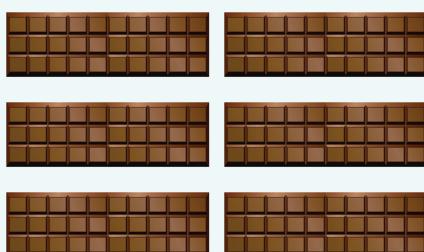
Ikota yesi-4



Yabela abantwana isixwexwe setshokolethi uxele ukuba umntwana ngamnye uza kufumana iibloko ezingaphi.



Yabela abantwana aba-3  
iitshokolethi ezi-6.



Unekeyiki ezi-3.  
Yabela abahlolo aba-4  
ngokulinganayo.



Bonisa impendulo yakho ngokwenza umfanekiso.

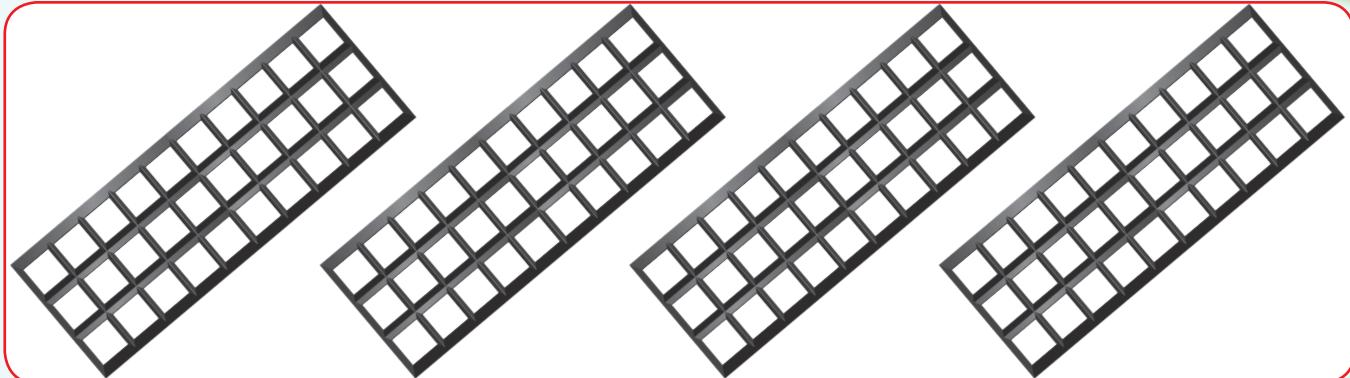


Bonisa impendulo yakho ngomfanekiso.

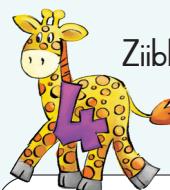
Umntwana ngamnye ufumana \_\_\_\_\_ zeekeyiki.



Fakela umbala kwikota yazo zonke iitshokolethi  
ezikwezi zixwexwe zine.



Zingaphi iibloko zetshokolethi ezenza ikota enye? \_\_\_\_\_



Ziibloko ezingaphi zetshokolethi ezenza isinye kwisihlanu? \_\_\_\_\_

Bonisa isiqingatha soku:



Bonisa isinye esithathwini  
seelekese.



Bonisa isinye kwisithandathu  
seelekese.



Yabela abahlobo abane iitshokolethi ezili-II ukuze bonke bafumane ngokulinganayo kungabikho  
nto ishiyekayo.

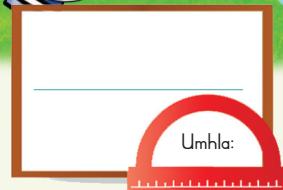


11q

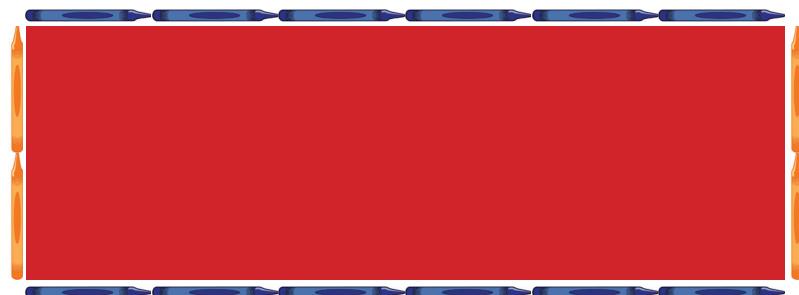


Ngawaphi amacala amafutshane ingawaphi amade?

Ubude



Ikota yesi-4

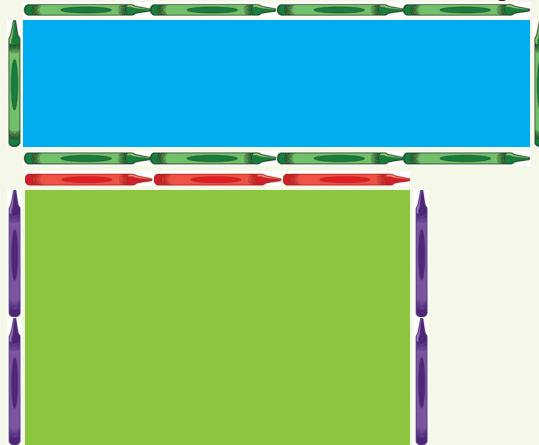


Ical a elide lineekhrayoni ezi-\_\_\_\_\_.

Ical a elifutshane lineekhrayoni ezi-\_\_\_\_\_.

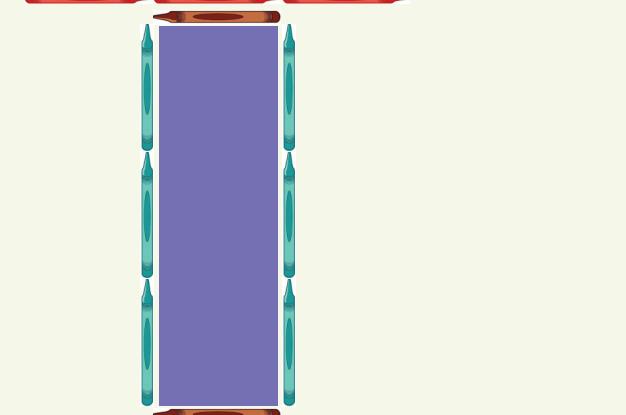


Phendula oku kulandelayo.



Ical a elide lineekhrayoni ezi-\_\_\_\_\_.

Ical a elifutshane lineekhrayoni ezi-\_\_\_\_\_.



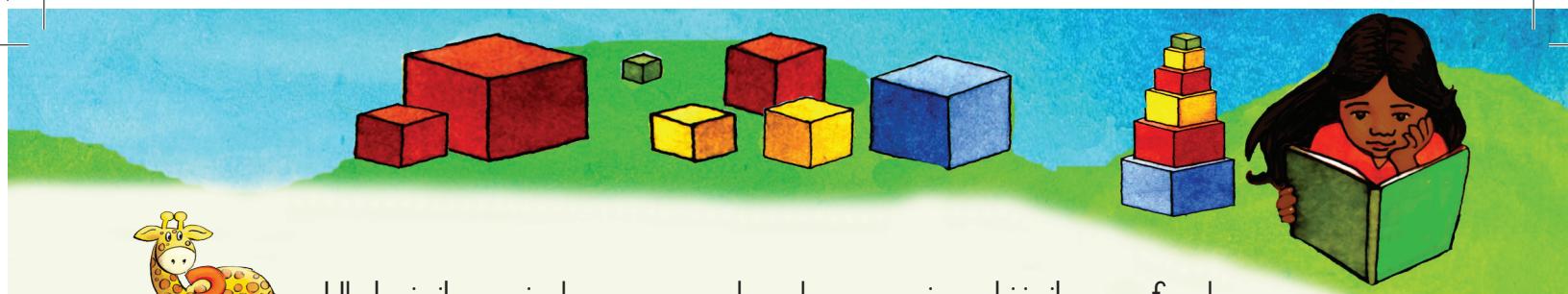
Ical a elide lineekhrayoni ezi-\_\_\_\_\_.

Ical a elifutshane lineekhrayoni ezi-\_\_\_\_\_.

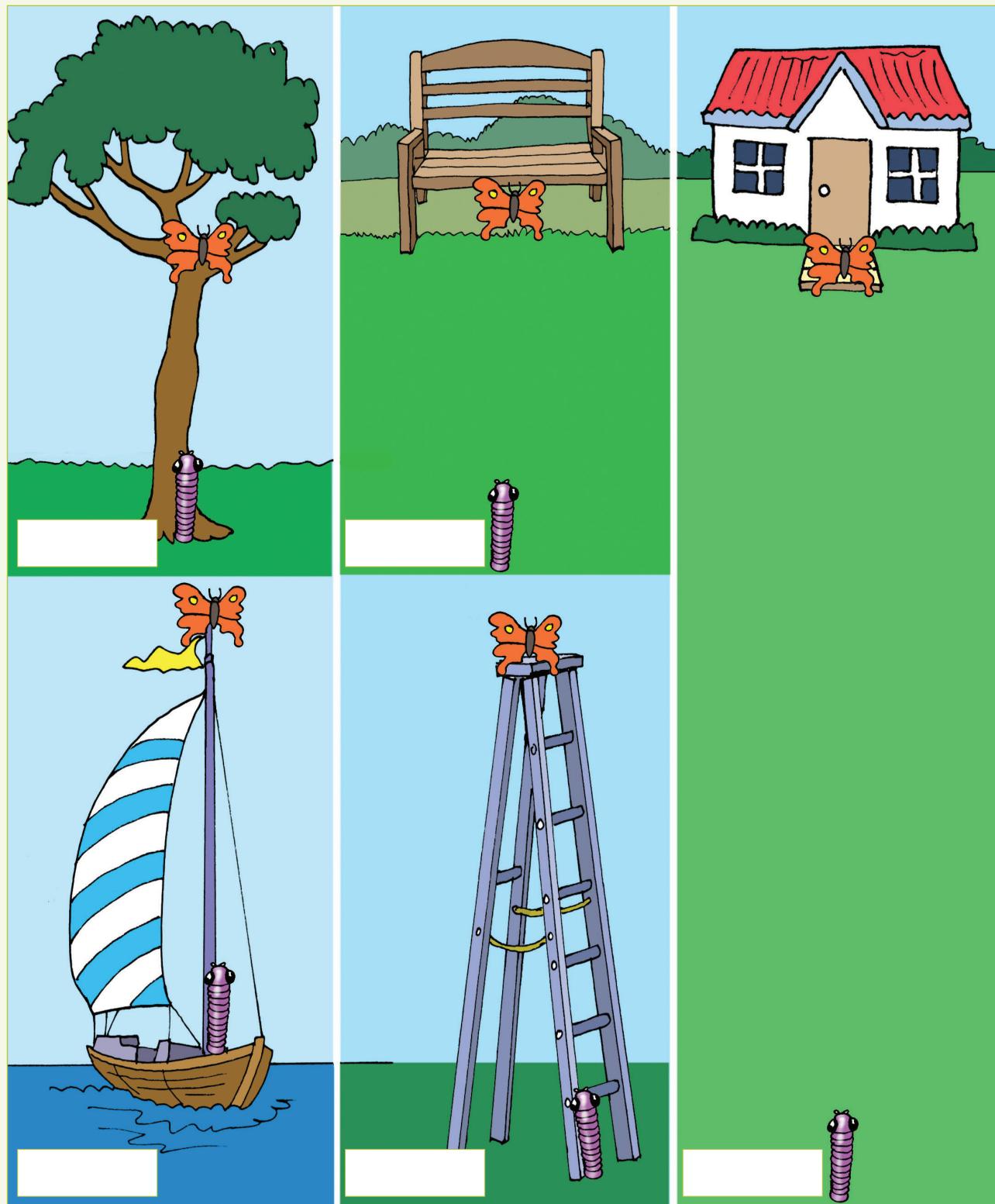


Ical a elide lineekhrayoni ezi-\_\_\_\_\_.

Ical a elifutshane lineekhrayoni ezi-\_\_\_\_\_.

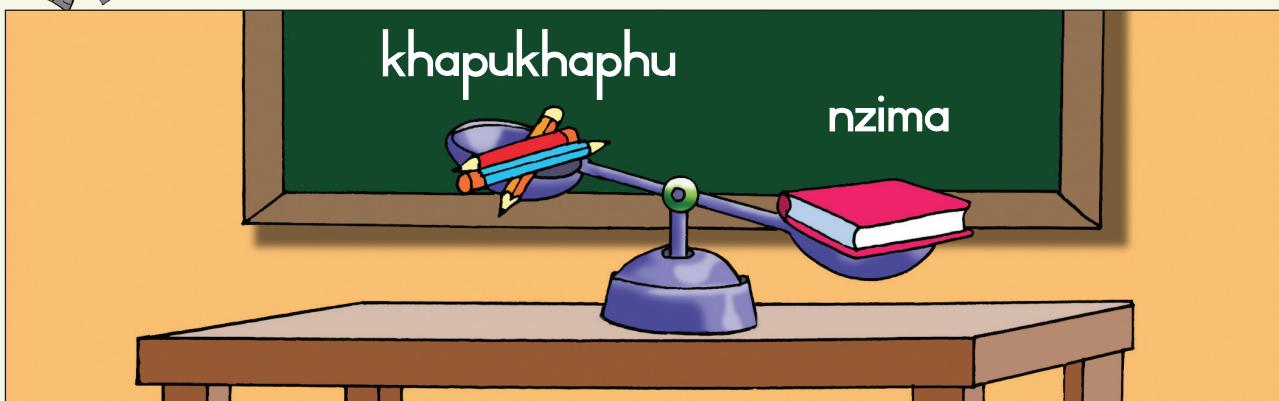


Ukuba imibungu inokuma omnye phezu komnye, mingaphi imibungu efunekayo  
ukuze ifike kwibhabhathane?

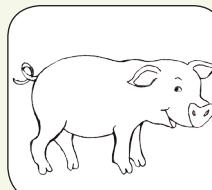
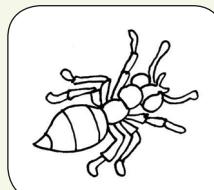
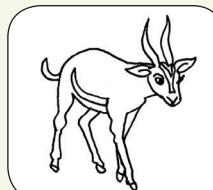
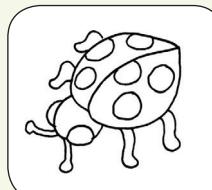
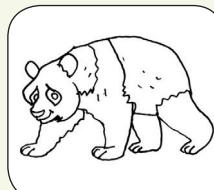
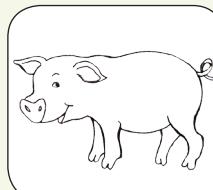
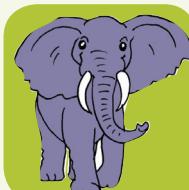


# Enzima kanye nekhaphu-khaphu

Kuthetha ntoni ukuba nzima nokuba khaphu-khaphu?



Fakela umbala kumfanekiso okanye kwimif'anekiso ebonisa izinto ezinzima kunale ikwibloko eluhlaza.



Jonga emfanekisweni. Khangela imifanekiso emi-2 yezinto ezinzima.  
Yincamatelise apha.

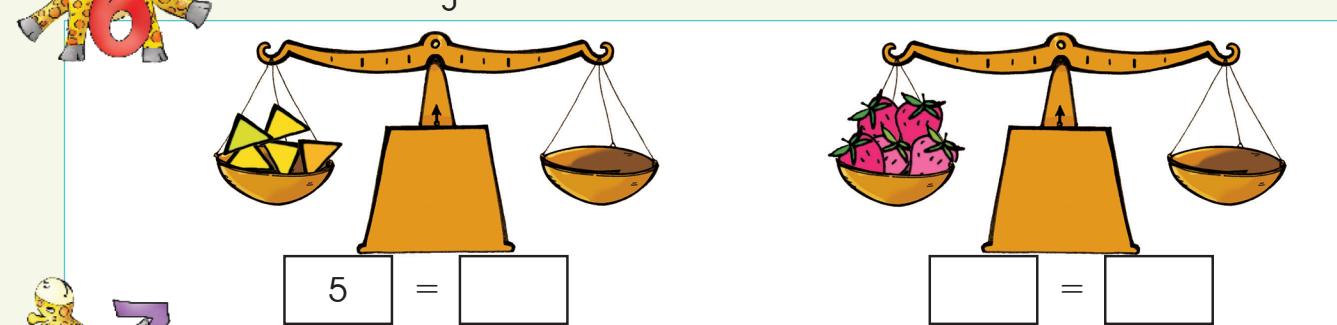


Jonga emfanekisweni. Khangela imifanekiso emi-2 yezinto ezikhaphu-khaphu.  
Yincamatelise apha.

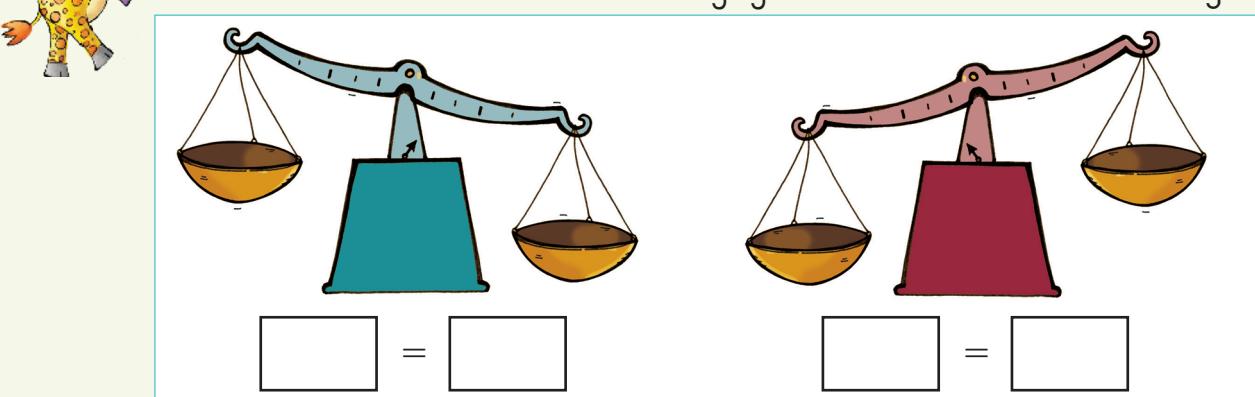




Yenza izikali zilingane. Zoba umfanekiso.

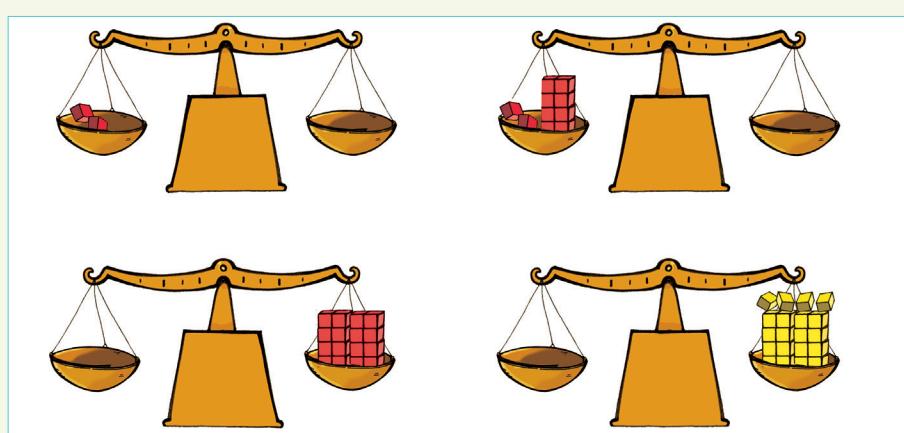


Zoba imifanekiso eza kwenza izikali zibe yinyani. Zoba umfanekiso kwizikali ezingenanto.



Yongeza iibloko ukuze izikali zilingane.

$$\textcolor{red}{\blacksquare} = \textcolor{yellow}{\blacksquare} \textcolor{yellow}{\blacksquare}$$

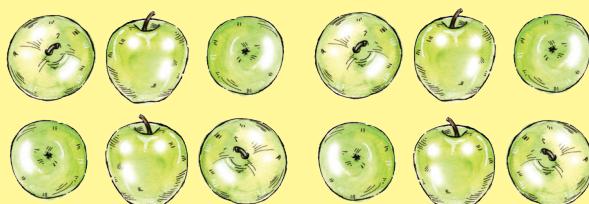




## Okunye ukwabelana okukhokelela kumaqhezu

Umhla:

Yabela abahlolo abathathu la ma-apile.



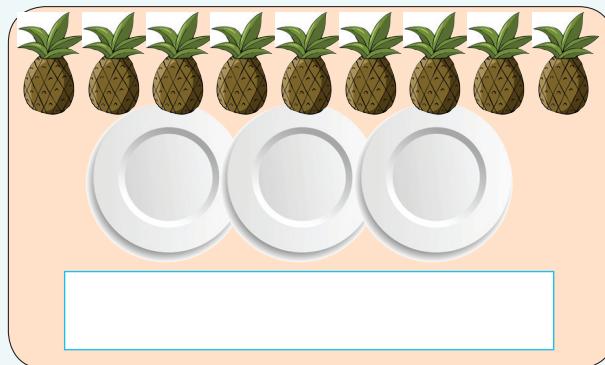
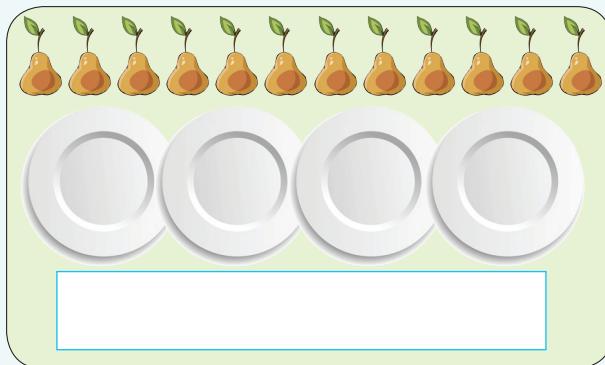
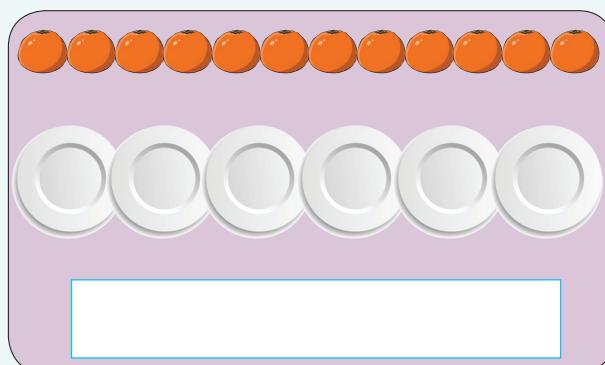
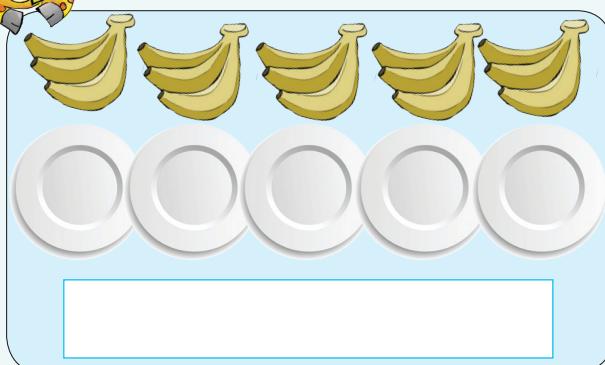
Ufumene ama-apile amangaphi emnye?  
Amane.

Qhezu lini lama-apile elifunyenwe ngumntu  
ngamnye? Isinye esithathwini.



Jonga umzekelo ongentla uze ugqibezele.

- Yabela abahlolo abalinani elahlukileyo ezi ziqhamo.
- Xela ukuba umhlobo ngamnye ufumana eliphi iqhezu.



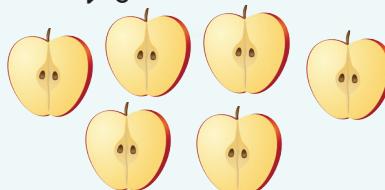
Umakhulu unika uKiki iiorenji ezili-12. UKiki wenza ijusi  
ngesinye kwisithathu seeorenji. Usebenzise iiorenji ezingaphi?



Ama-apile amathathu



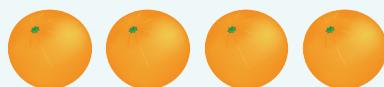
asikwe aziziqingatha.



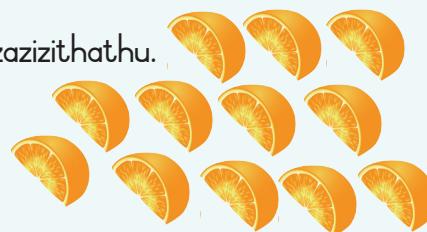
Bangaphi abantwana abanokufumana isiqingatha esinye emnye? \_\_\_\_\_



Iorenji ezine



zisikwe zazizithathu.



Bangaphi abantwana abanokufumana isithathu esinye emnye? \_\_\_\_\_



Iivatala ezimbini



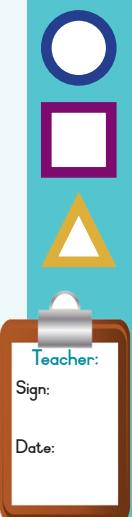
zisikwe zazizithandathu.



Bangaphi abantwana abanokufumana isithandathu esinye emnye? \_\_\_\_\_



Umqequeshi webhola yomnyazi unika umdlali ngamnye iorenji.  
Kukho abadlali abali-14. Kufuneka abe neorenji ezingaphi?

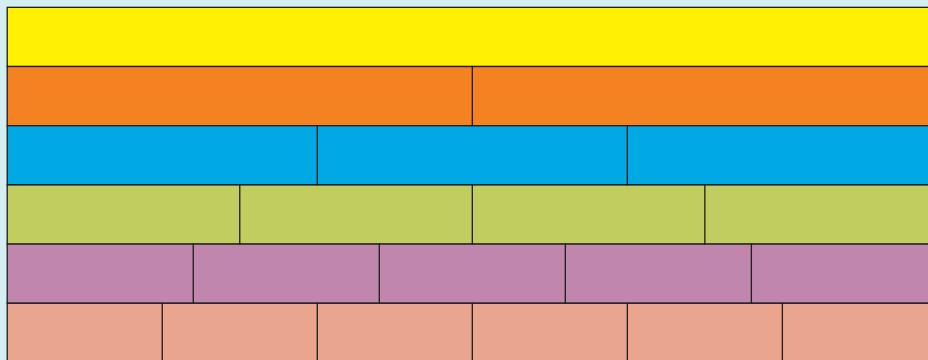


## Amaqhezu

Umhla:

Ikota yesi-4

Umcu ngamnye umele ntoni? Amagama amabini angasekunene angakunceda. Tshatisa umcu negama okanye namagama.



isinye esithathwini

isinye kwisihlanu

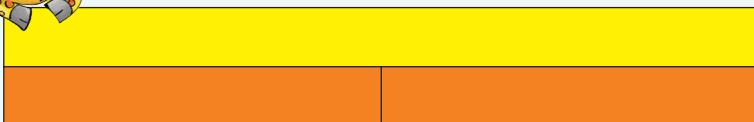
isiqingatha

isinye kwisithandathu

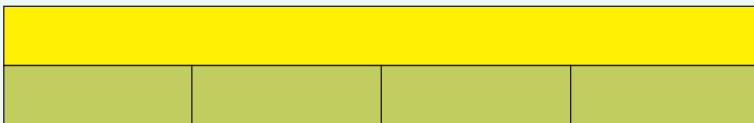
ikota



Gqibezela.



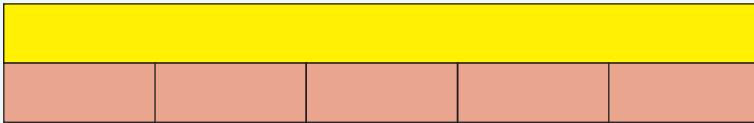
Iziqingatha ezi-2 ziyafana nento e \_\_\_\_\_ epheleleyo.



Ikota ezi-4 ziyafana nento e \_\_\_\_\_ epheleleyo.



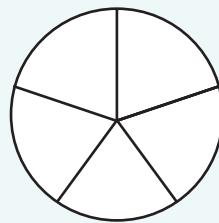
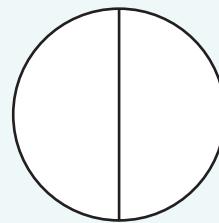
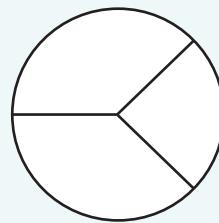
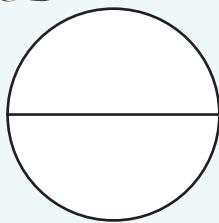
Izithathu ezi-3 ziyafana nento e \_\_\_\_\_ epheleleyo.

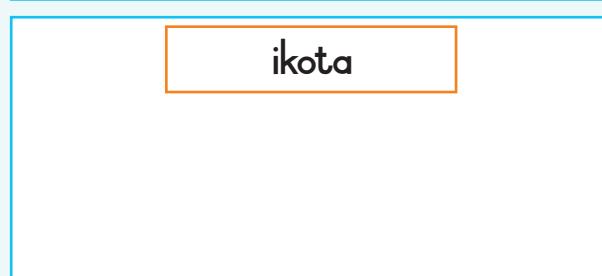
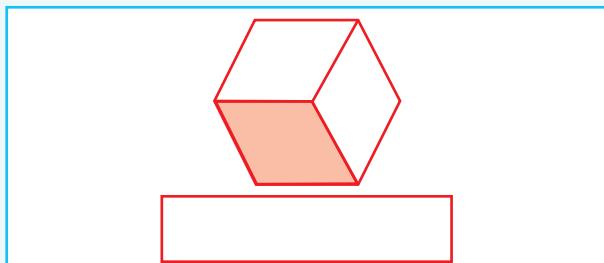
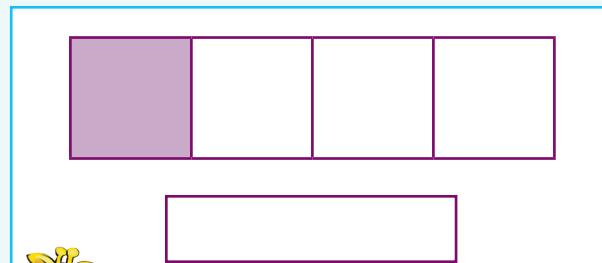
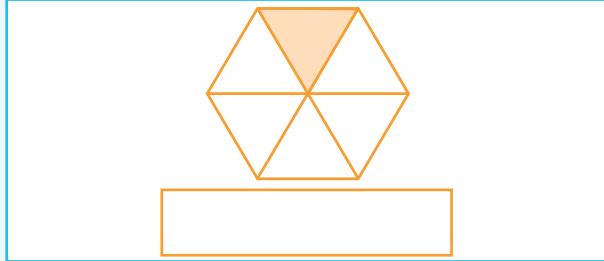
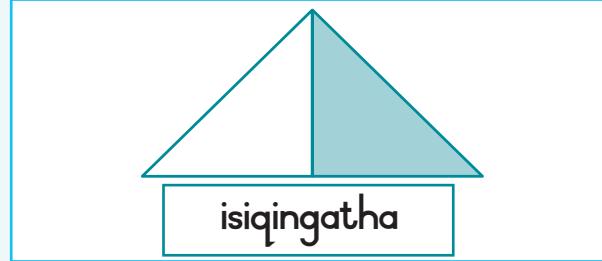


Izihlanu ezi-5 ziyafana nento e \_\_\_\_\_ epheleleyo.



Fakela umbala kwezi zinto zilandelayo. Uqaphela ntoni?





Buza umama wakho okanye umntu ohlala naye ukuba uza kuthenga ntoni:

- Isiqingatha se- \_\_\_\_\_
- Isithathu se- \_\_\_\_\_
- Ikota ye- \_\_\_\_\_
- Isithandathu se- \_\_\_\_\_



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## Okunye ngamaqhezu

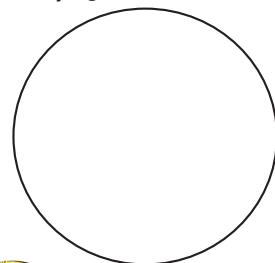


Ikota yesi-4

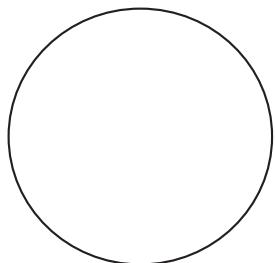
Ungathanda ukufumana iqhekeza lejiphi ikeyiki? Ngoba kutheni?



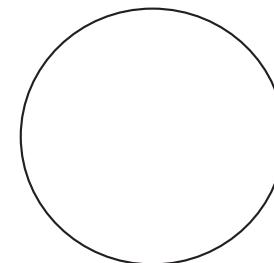
Iziqingatha



Izithathu



Ikota



Phawula impendulo echanekileyo.

Wena nomhlobo wakho nitye iziqingatha ezibini zepitsa. Nitye kangakanani?

- Isiqingatha esinye sepitsa okanye
- Ipirsa epheleleyo?


UThabo noSipho noJohn batye izithathu ezithathu zepitsa. Batye kangakanani?

- Isithathu sepitsa okanye
- Ipirsa epheleleyo?

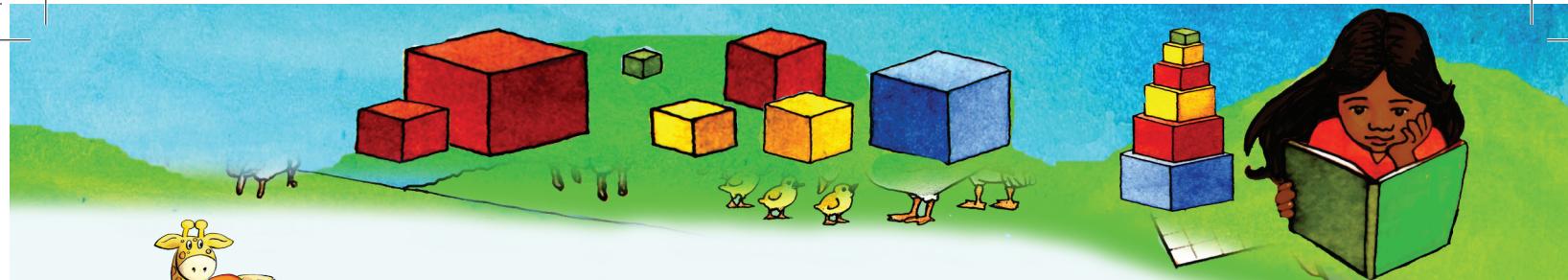

ULindy noSusan noLerato noPalesa batye ipitsa epheleleyo. Batye kangakanani?

- Ikota okanye
- Ikota ezine?


Phendula le mibuzo ilandelayo:

- Ukuba ndahlula ipitsa ibe zizihlanu, kufuneka sitye izihlanu ezingaphi ukuze sibe sitye ipitsa epheleleyo? \_\_\_\_\_
- Ukuba ndahlula ikeyiki ibe zizithandathu, zingaphi izithandathu ekufuneka sizitye ukuze sibe sitye ikeyiki epheleleyo? \_\_\_\_\_



Iqela ngalinye labahlobo lifumana ipakethe encinci yoojuphujuphu.



Iqela	1	2	3
Abantwana abaseqeleni	2	3	4
Bangaphi oojuphujuphu abaza kufunyanwa ngumntwana ngamnye ukuba bahlulelwwe ngokulinganayo?			
Phawula iqela ofuna ukuba kulo. Kutheni?			
Ziza kuba ngaphi iilekese? Uqaphela ntoni?	Iziqingatha ezibini	Izithathu ezithathu	Iikota ezine



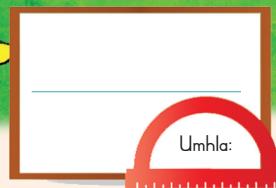
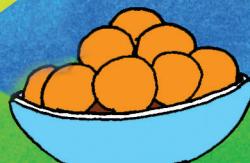
Fakela umbala kwiqhezu elilingana nento epheleleyo.



Ukhetha ntoni phakathi kweekota ezine zetshokolethi netshokolethi enye epheleleyo?  
Ngoba kutheni?



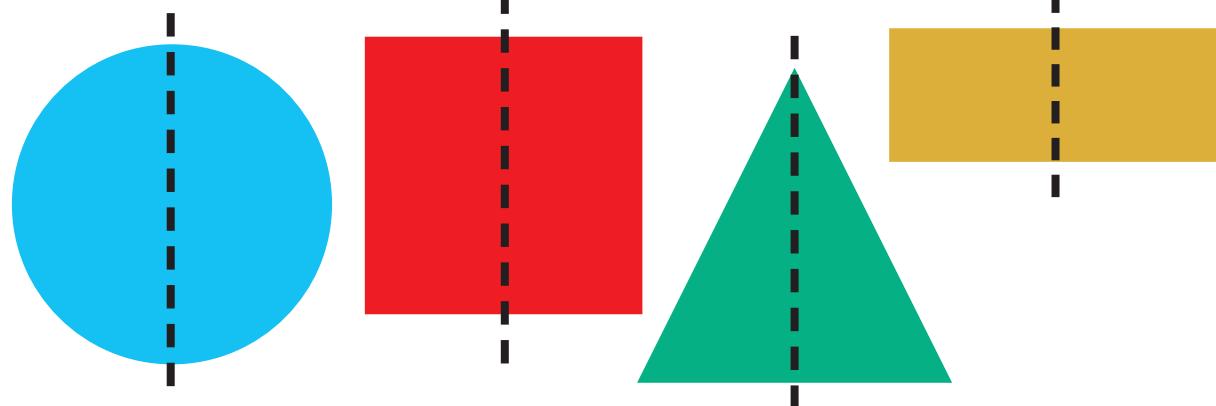

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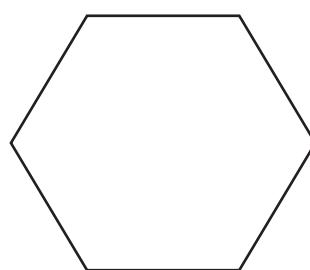
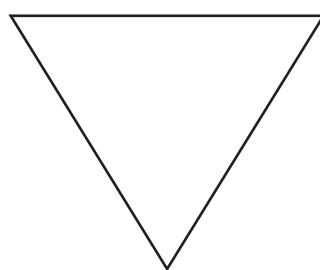
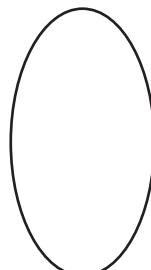
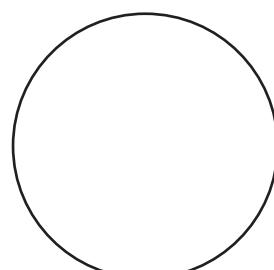
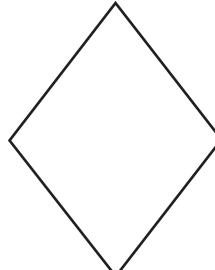
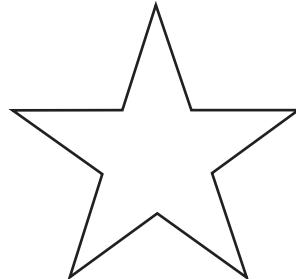
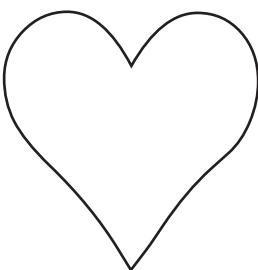
## Umatwa-totse neemilo

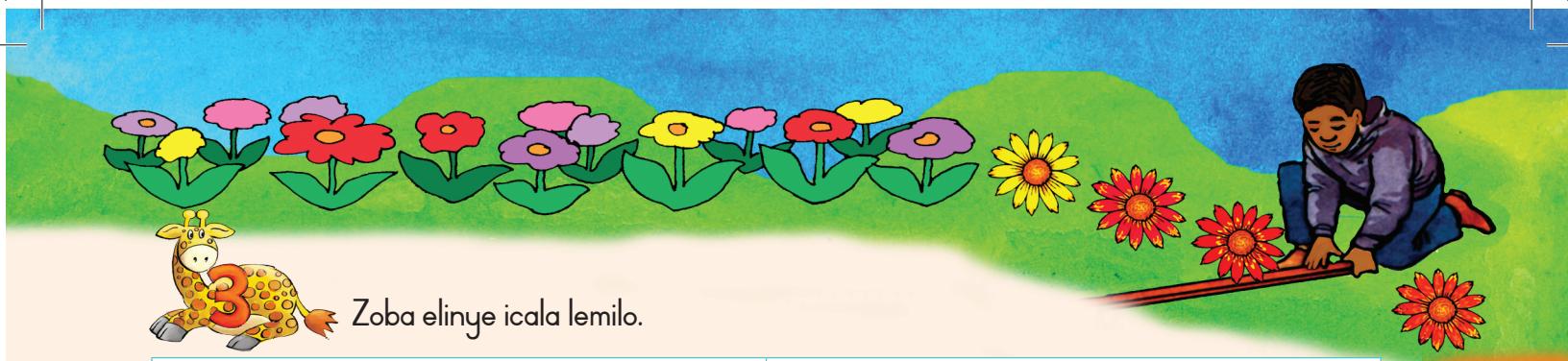
Ikota yesi-4

Jonga imifanekiso yeemilo. Ingaba icala elinye lemilo likhangeleka njengelinye icala?  
Ingaba afana twatse?



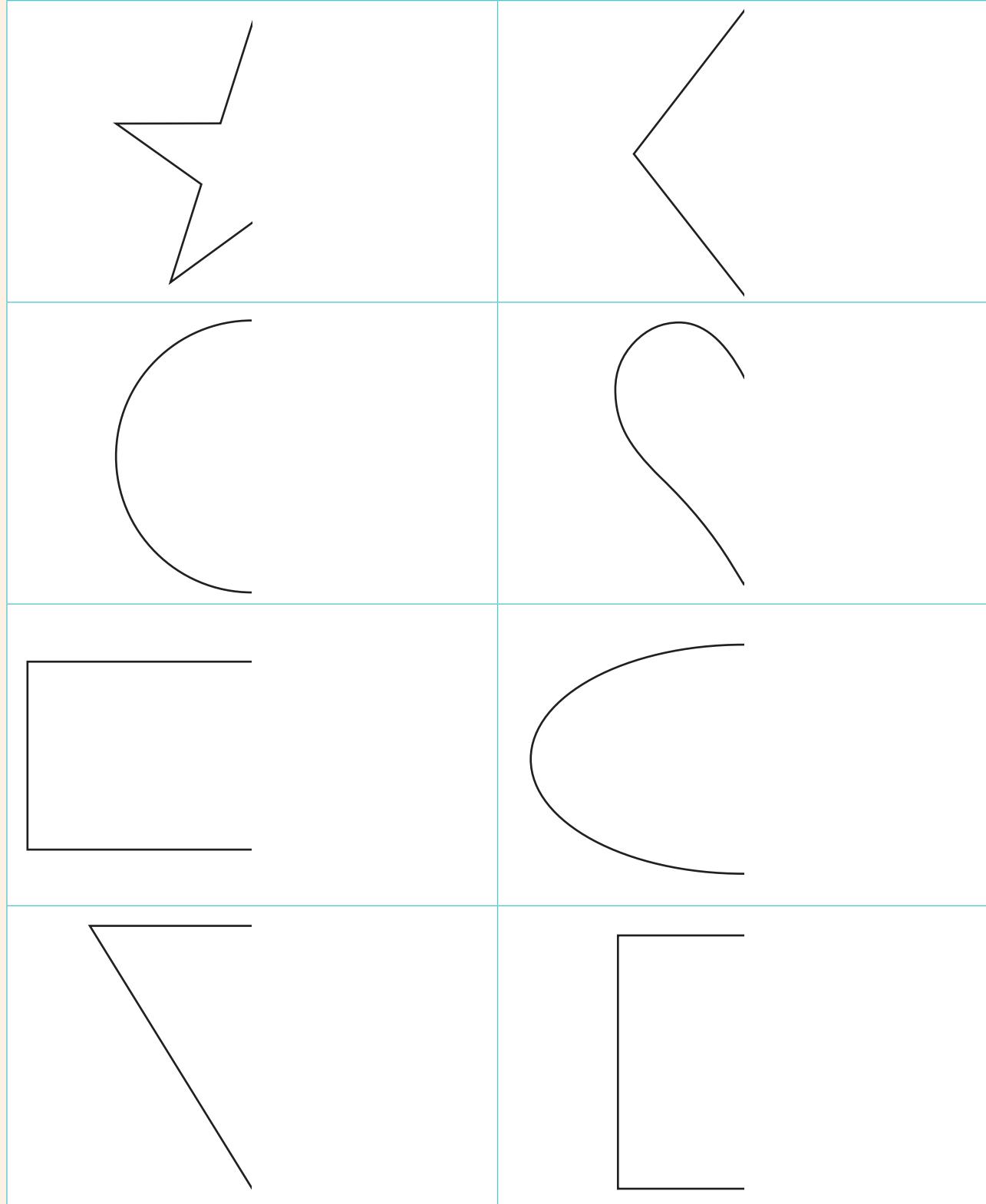
Krwela umgca ukuze icala elinye lemilo lifane nelinye icala.





3

Zoba elinye icala lemilo.



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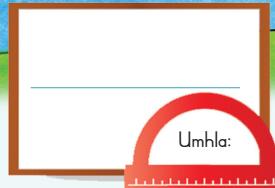
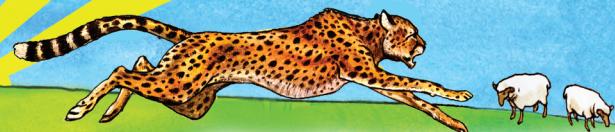
18

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129

125

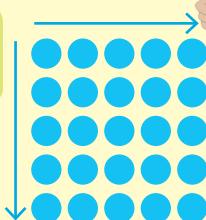


## Izintlu namaqhezu

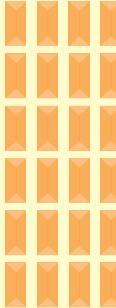
Ikota yesi-4

Jonga le mifanekiso. Ungakhawuleza kangakanani ukubala ezi zinto.

Le yikholamu.



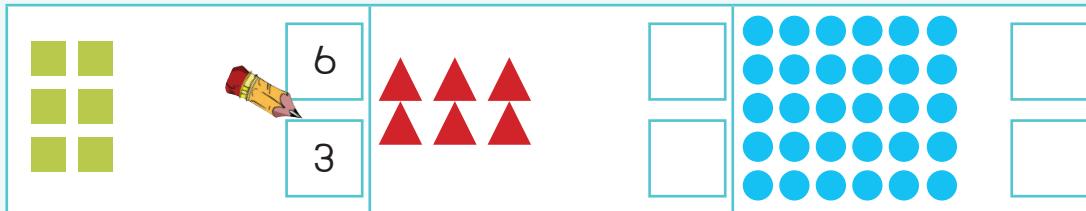
Lo ngumqolo.



Uzisebenzise njani iikholamu nemiqolo ukuze zikuncede?



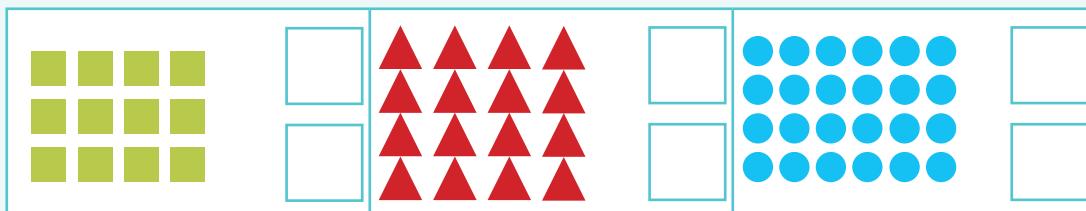
Zingaphi iimilo ezikhoyo? Nika isiqingatha seemilo.



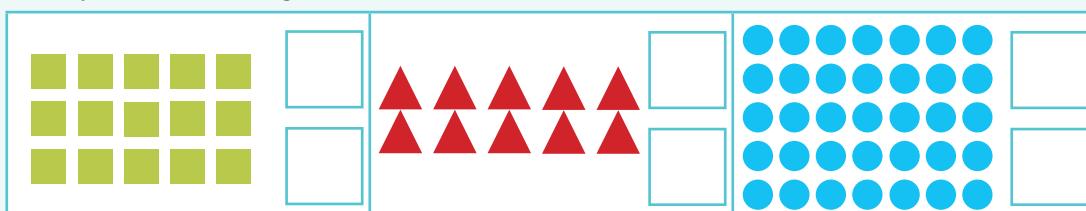
Zingaphi iimilo ezikhoyo. Nika isithathu seemilo.



Zingaphi iimilo ezikhoyo? Nika ikota yeemilo.



Zingaphi iimilo ezikhoyo? Nika isihlanu seemilo.





Gqibezela itheyibhile engezantsi.



**5**



Isivakalisi samanani  
sophinda-phindo

$$2 \times 3 = 6$$

okanye

$$3 \times 2 = 6$$

Isivakalisi  
samanani  
sokwahlula

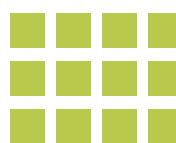
$$6 \div 2 = 3$$

okanye

$$6 \div 3 = 2$$

Yintoni

Yintoni

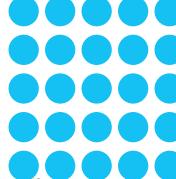


Isiqingatha sezi  
zinto?

3

Isithathu sezi  
zinto?

2



Isithathu sezi  
zinto?

Ikota yezi  
zinto?

Ikota yezi  
zinto?

Ishlanu sezi  
zinto?



Sebenzisa izintlu ubonise:

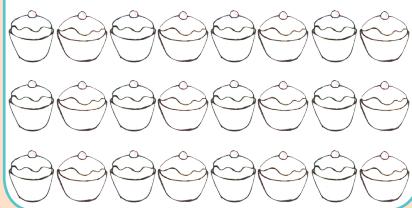
**6**  
Ikota yeelekese ezili-12.

Isithathu seelekese ezili-12

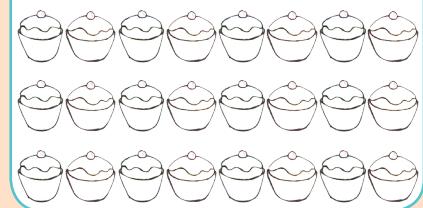
Isiqingatha seelekese ezili-12.

Umama ubhake amaqbengwana angama-24 esenzela amashishini asemakhaya. La mashishini aodole oku: Sebenzisa imifanekiso yamaqbengwana ikuncede.

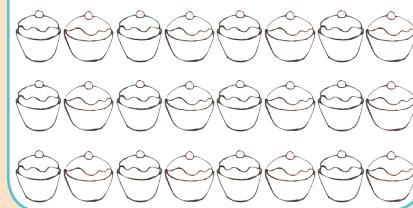
Isiqingatha mayibe ngamaqbengwana  
amaqunube ukuze amanye abe ngawevanila.



Ikota mayibe ngamaqbengwana  
etshokolethi ukuze amanye abe ngawevanila.



Isithathu mayibe ngamaqbengwana  
ekharameli ukuze amanye abe ngawevanila.



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## Iqhezu lengqokelela yezinto

Ikota yesi-4

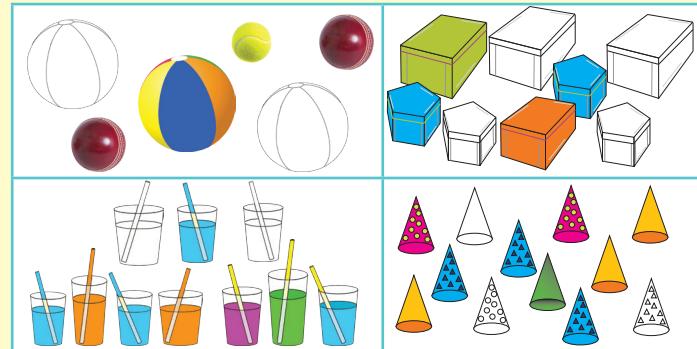
Jonga ezi nkcazel uze uztshatise nemifanekiso ubonise ukuba leliphi iqhezu elifakelwe umbala. Thetha ngoku.

Isiqingatha esi-l sengqokelela yezinto

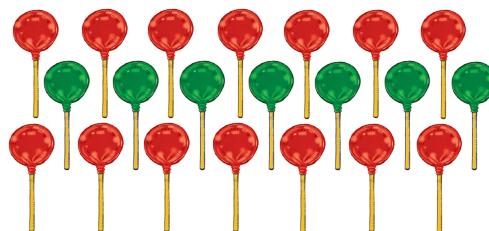
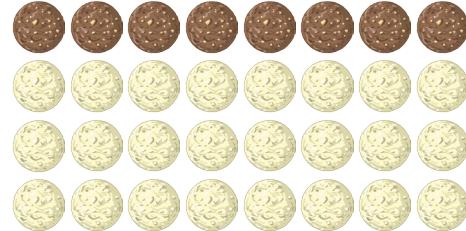
Isithathu esi-l sengqokelela yezinto

Ikota e-l yengqokelela yezinto

Isihlanu esi-l sengqokelela yezinto



Zakhele esakho isivakalisi ngemifanekiso engezantsi. Kufuneka usebenzise amagama ama qhezu kwizivakalisi zakho.





Bala ezi zibalo zamagama. Umama ebethengisa iimpahla ezindala ...

Ebenezikipa ezili-15. Uthengise za-5.

Uthengise eliphi iqhezu?

Krwela umgca ngaphantsi kombuzo.

Ngawaphi amanani abalulekileyo? \_\_\_\_\_

Zoba umfanekiso ubonise impendulo yakho.

Ebeneejezi ezili-18. Uthengise zali-9.

Leliphi iqhezu alithengisileyo?

Krwela umgca ngaphantsi kombuzo.

Ngawaphi amanani abalulekileyo? \_\_\_\_\_

Zoba umfanekiso ubonise impendulo yakho.

Ebeneziketi ezili-12. Uthengise ezi-3.

Leliphi iqhezu alithengisileyo?

Krwela umgca ngaphantsi kombuzo.

Ngawaphi amanani abalulekileyo? \_\_\_\_\_

Zoba umfanekiso ubonise impendulo yakho.

Ebeneebhatyi ezingama-20. Uthengise za-4.

Leliphi iqhezu alithengisileyo?

Krwela umgca ngaphantsi kombuzo.

Ngawaphi amanani abalulekileyo? \_\_\_\_\_

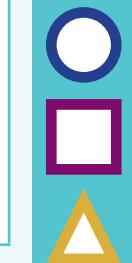
Zoba umfanekiso ubonise impendulo yakho.



Qhezu lini lamaqebengwana elihonjiswe ngombala omthubi?

Ngombala opinki?

Ngombala ozuba?



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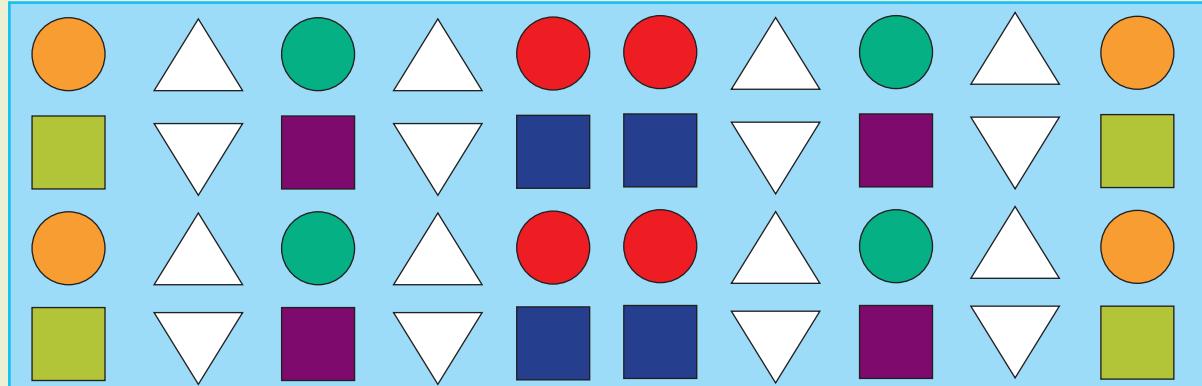


## Ukufana twatse kwiipatheni

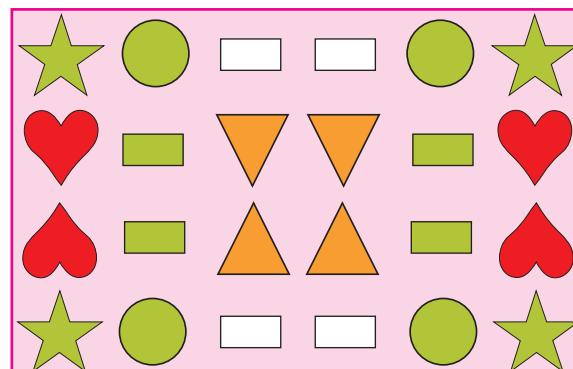
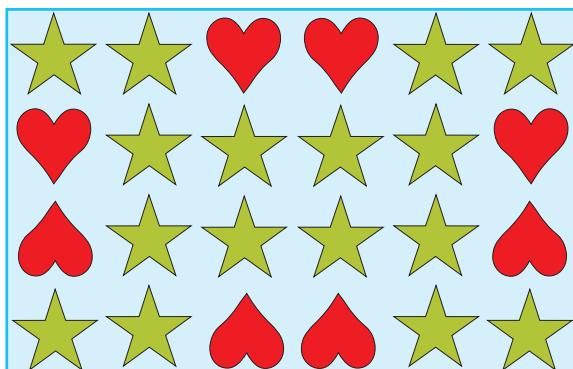
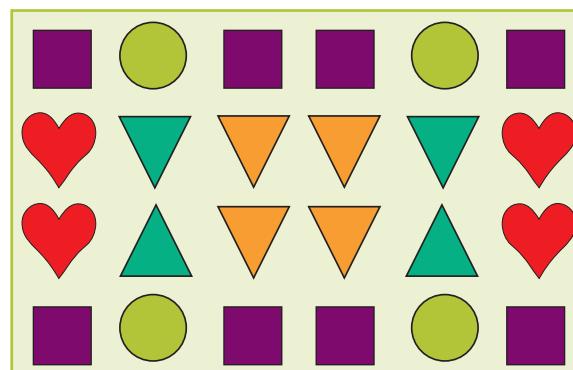
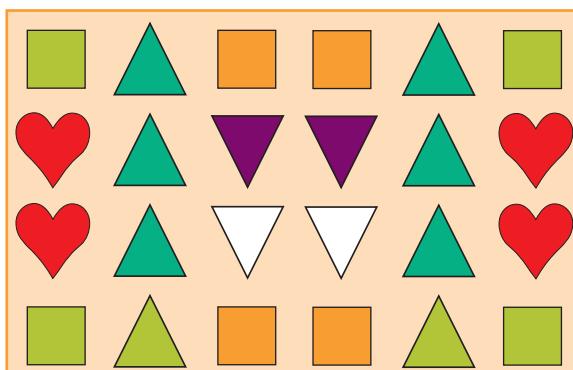
Ikota yesi-4

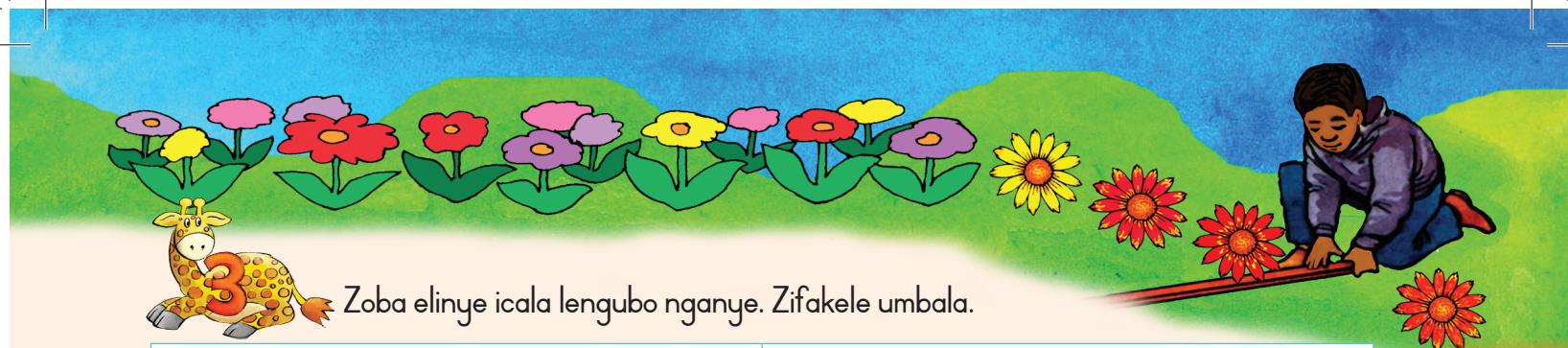
Jonga imifanekiso yengubo. Uqaphela ntoni?

Umhla:

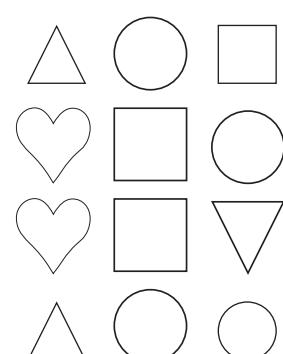
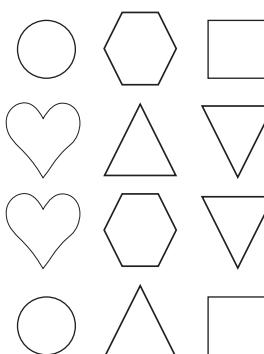
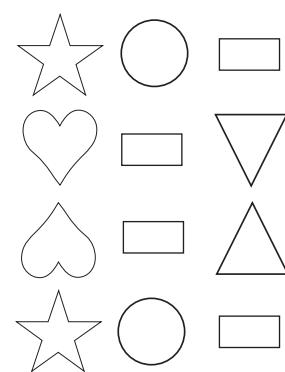
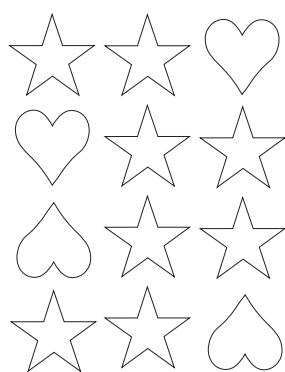
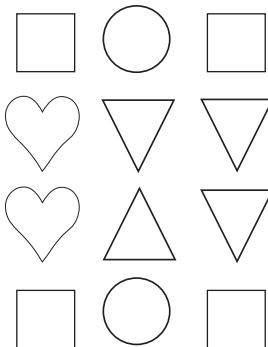
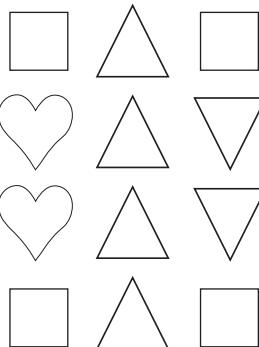


Krwela imigca ukuze icala ngalinye lezi ngubo lifane twatse nelinye icala.





Zoba elinye icala lengubo nganye. Zifakele umbala.



Teacher:
Sign:
Date:

20 19 18 17 16 15 14 13 12

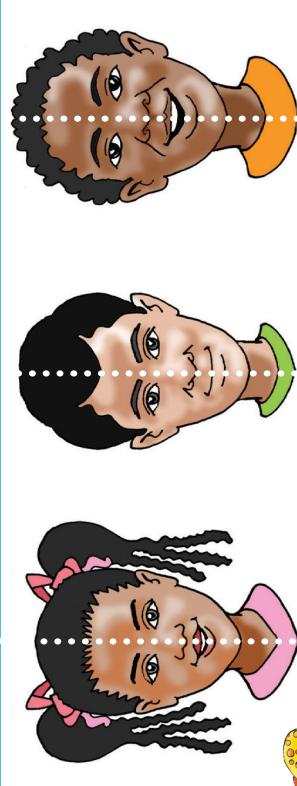
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136

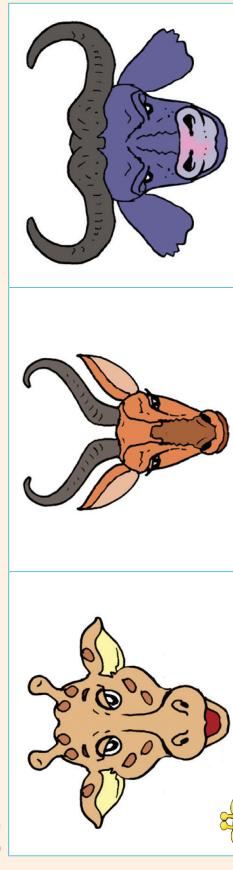
Teacher:  
Sign:  
Date:

## Okunye ngoomatwa-totse

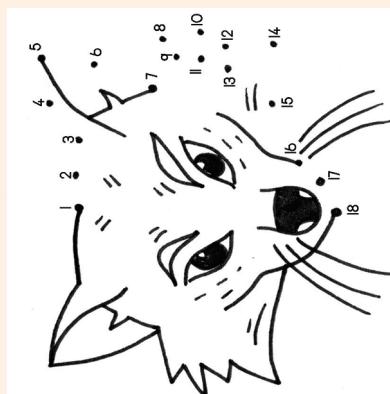
Jonga imfane kiso yemilo.  
Ingabia elinye icala lobuso liyafana nelinye icala?



Krwela umgca ukuze icala elinye lobuso llifane twatse nelinye icala.



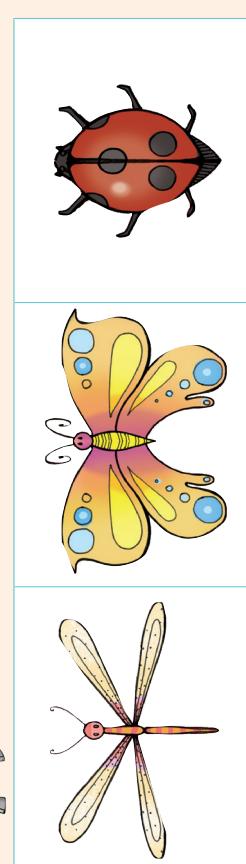
Zoba elinye icala lobuso.  
Tipatheni zamani ziza kukunceda.



Jonga imfane kiso yemilo. Ingabia icala elinye lesinambuzane  
liyafana nelinye?



Krwela umgca ukuze icala elinye lesinambuzane llifane nelinye icala.



Zoba elinye icala lesinambuzane.

