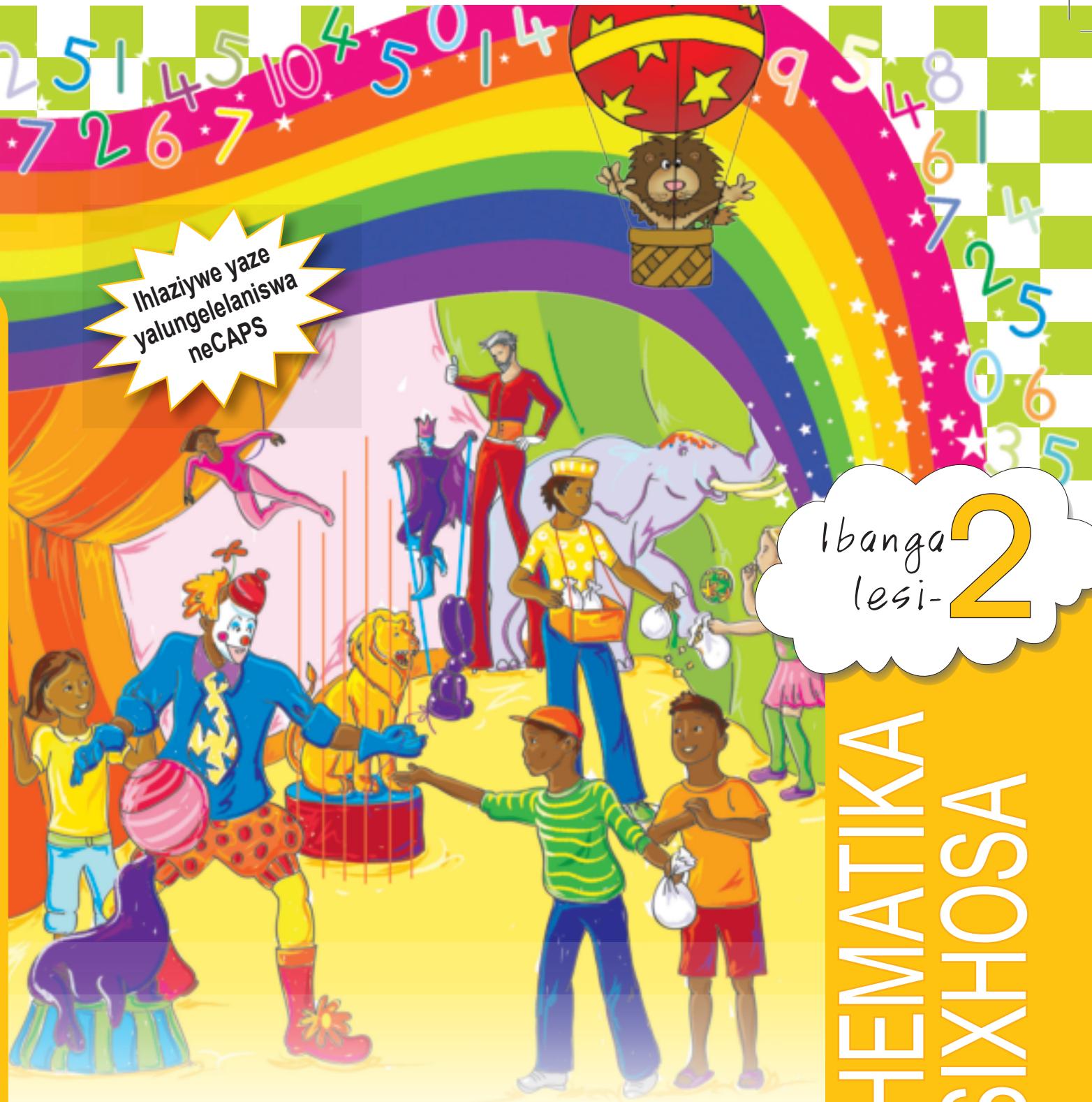


Ibanga
lesi-
2

MATHEMATICS IN ISIXHOSA

Incwadi
yoku-2
Ikota 3 & 4



IMATHESIKA NGESIXHOSA – Ibanga lesi-2 Incwadi yesi-2

ISBN 978-1-4315-0138-0



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MATHEMATICS IN ISIXHOSA
GRADE 2 – BOOK 2

TERMS 3 & 4

ISBN 978-1-4315-0138-0

THIS BOOK MAY NOT BE SOLD.

7th Edition

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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.

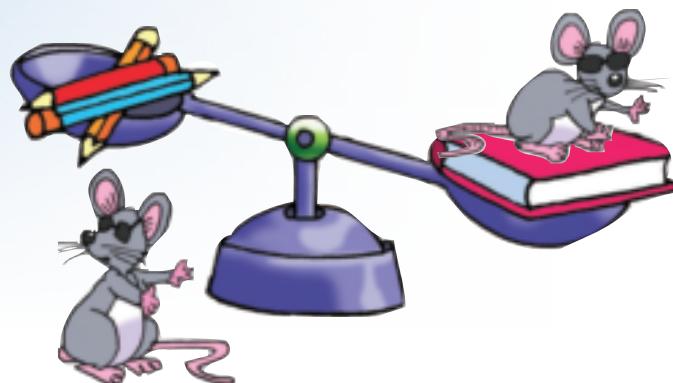


Ibanga lesi-**2**



Imathematika

Le ncwadi yeka-

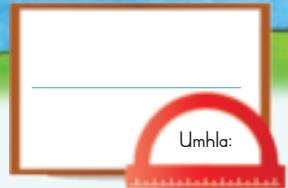


ISIXHOUSA

Incwadi
yesi-

2

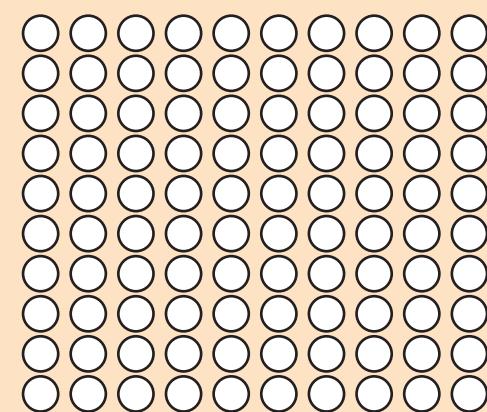
65



Amanani 50–qq

Ikota yesi-3

Fakela imibala kwizangqa ezingama-58.



5 0

8



Bhala impendulo. Umzekelo wokuqala uza kukukhokela.

$$60 + 8 = 68$$

6 0 8



=

8 0 6

5 0 3

=

7 0 1

6 0 q

=

9 0 5

=



Bhala iimpendulo zakho ngamagama:

Amashumi amathandathu anesibhozo

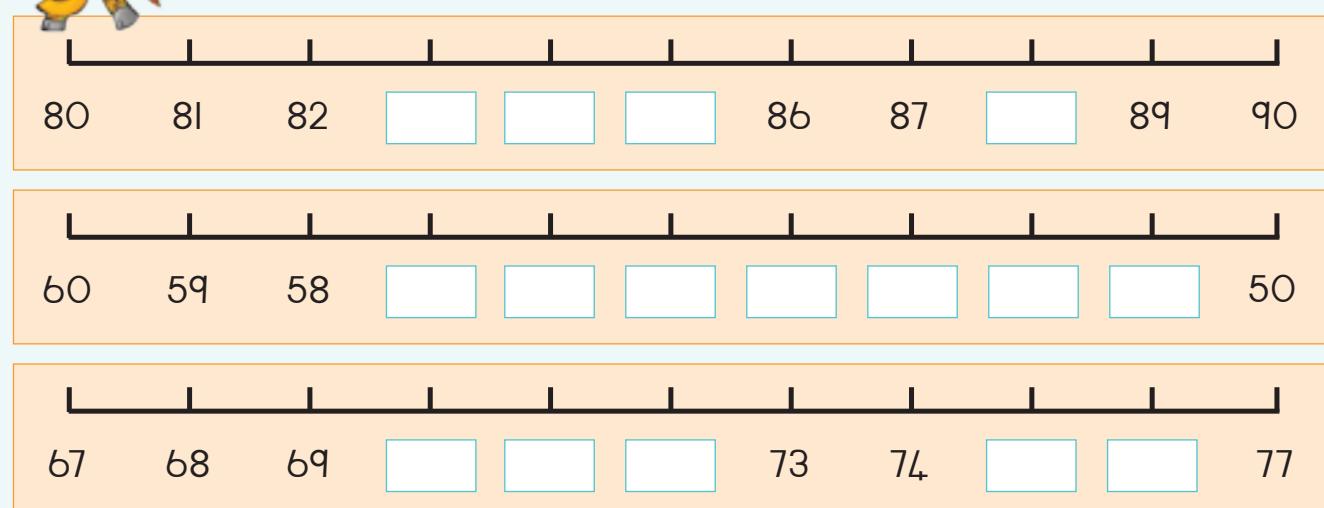


Bhala amanani abe mabini amancinci kunye namanani abe
mabini amakhulu kudenani olinikiwego.

Ncinane	Inani	Khulu
	55	
	63	
	88	
	95	
	71	



Gqibezela le migca-manani.

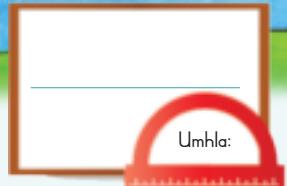


Sika amanani abe mathathu aphakathi kwama-50 kunye nama-99 kwimagazini okanye
kwiphephandaba. Wancamatelise apha.



Teacher: _____
Sign: _____
Date: _____

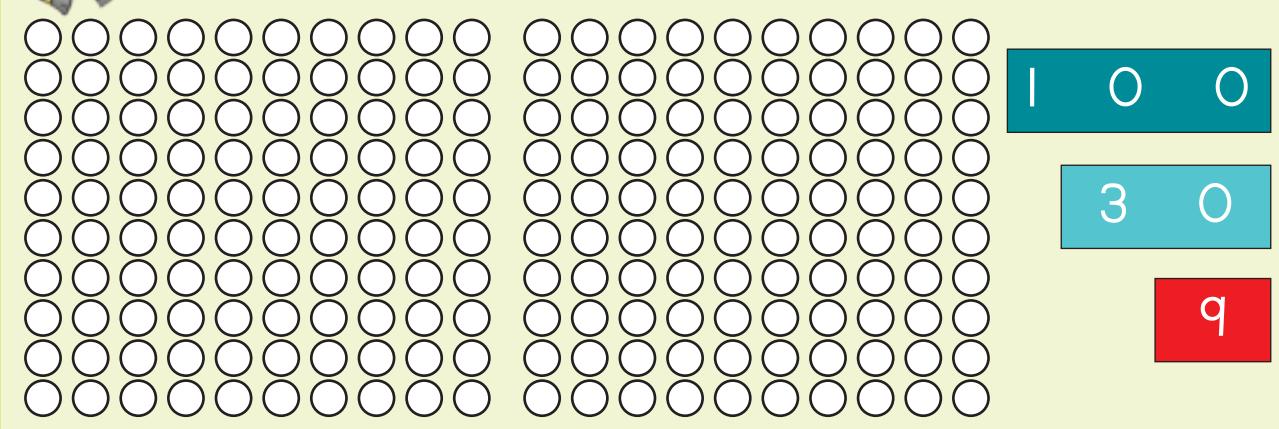
66



Amanani 100–150

Faka umbala kwizangqa ezili-139.

Ikota yesi-3



Bhala inani:

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

100 + 20 + 8 = 128

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

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

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

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

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



Ngawaphi amanani aphakathi:

kwe-103 ne-105? _____

kwe-139 ne-141? _____

kwe-120 ne-122? _____

kwe-150 ne-148? _____

kwe-146 ne-148? _____

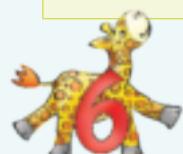
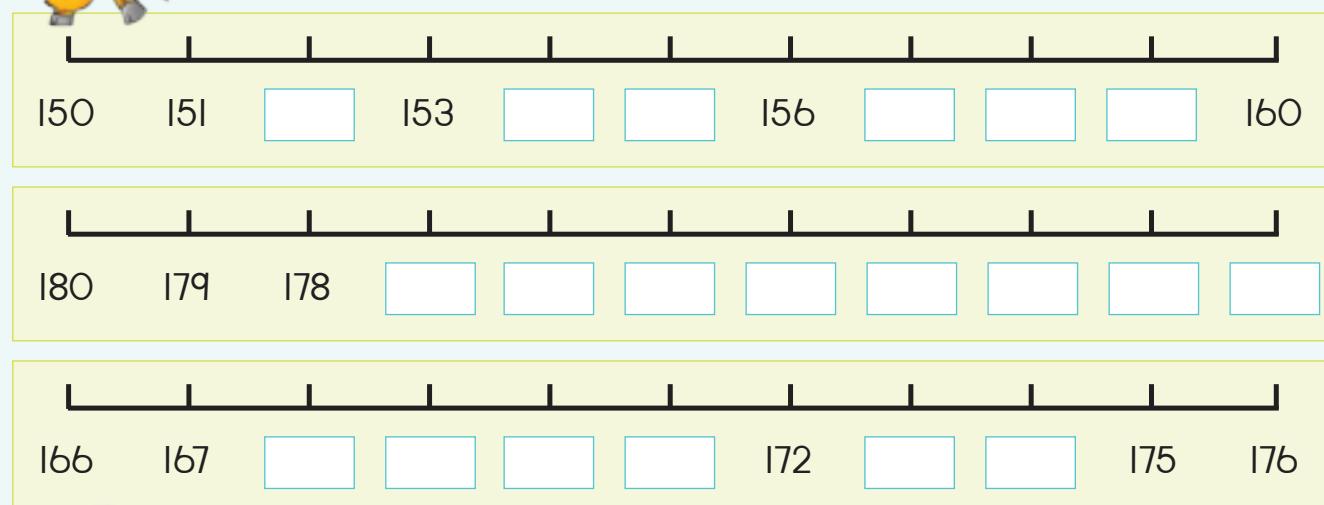


Bhala amanani abe mabini amancinane kanye namanani abe
mabini amakhulu kunenani olinikiwego.

Ncinane	Inani	Khulu
	I23	
	I45	
	I08	
	I41	
	I34	



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.
Wancamathelese apha alandelanelane uqale ngelona lincinane uye kwelona likhulu.



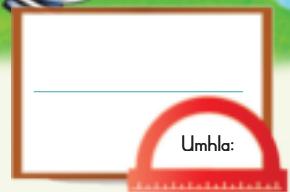
Teacher: _____
Sign: _____
Date: _____

67



Izele, isehafini, ayinanto

Ncokola ngeebhotile ezisetafileni katitshala.



Ikota yesi-3

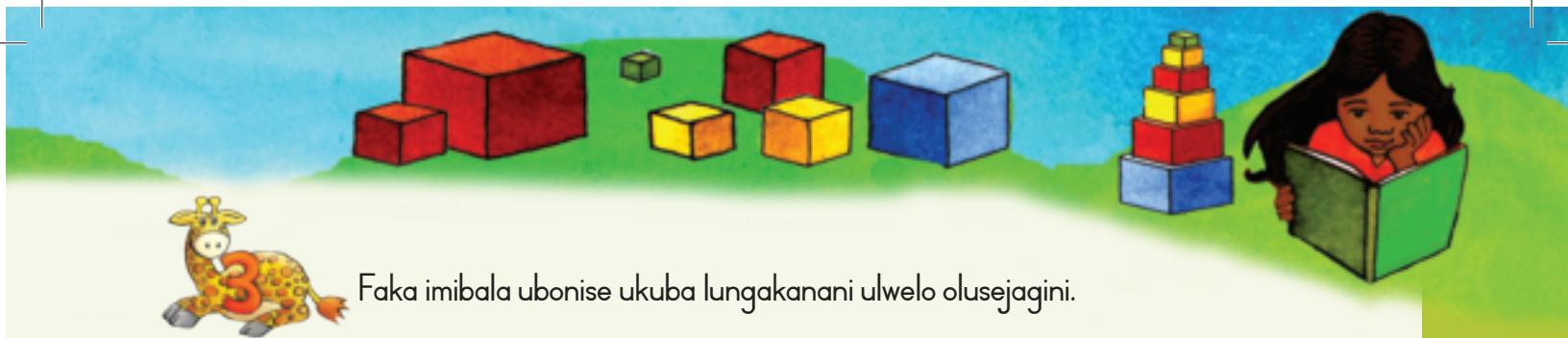


Xela ukuba isikhongozeli sizele, sisehafini okanye asinanto na.



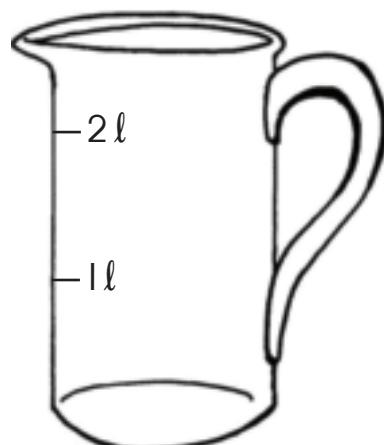
6

1 2 3 4 5 6 7 8 9 10

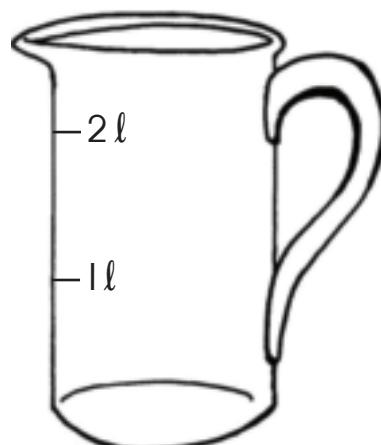


Faka imibala ubonise ukuba lungakanani ulwelo olusejagini.

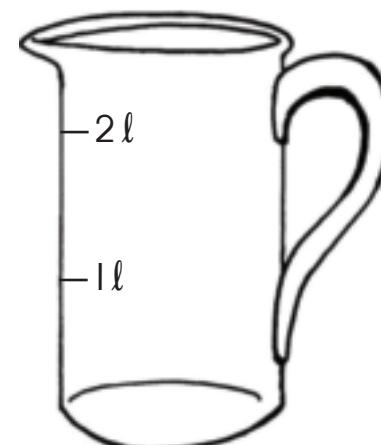
Izele



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?



11

12

13

14

15

16

17

18

19

20

68

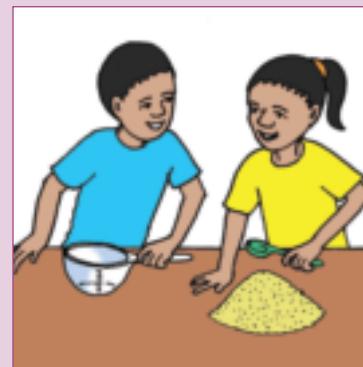


Jonga emifanekisweni. Benza ntoni abantwana?

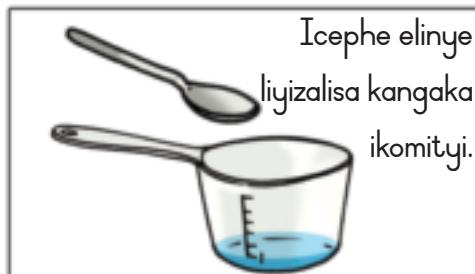
Ikota yesi-3

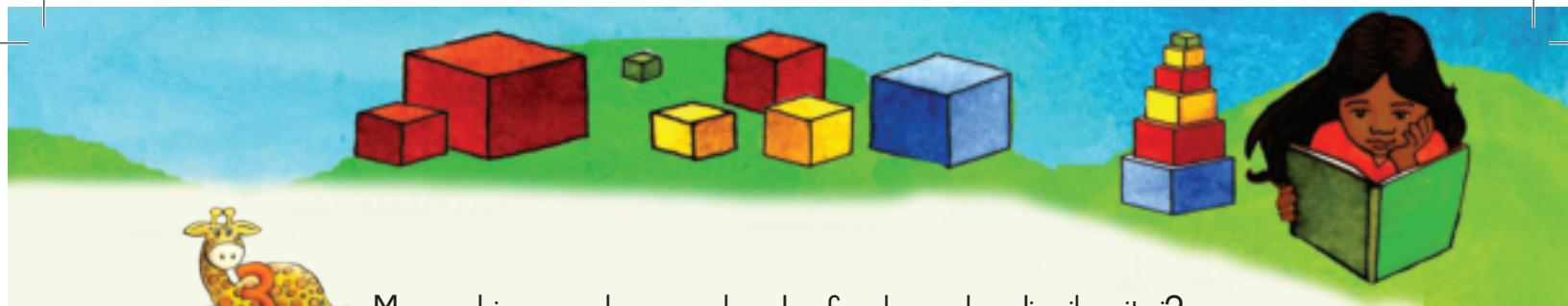
Umthamo

Umhla:

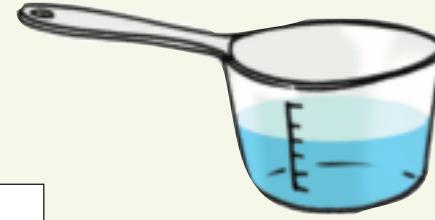
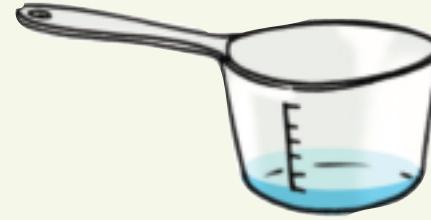
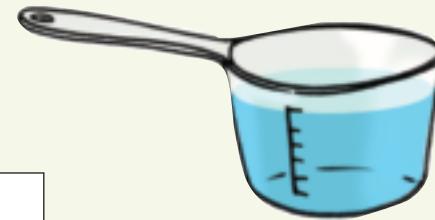
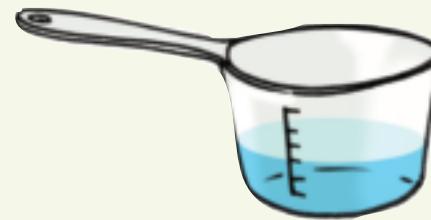
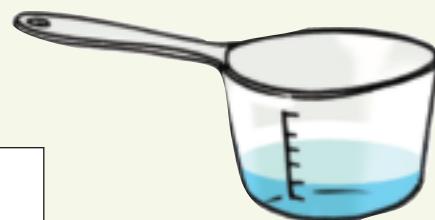
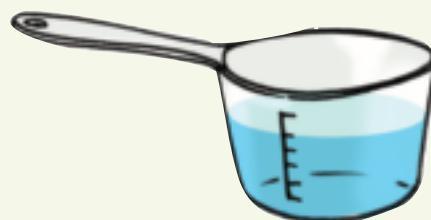


Mangaphi amacephe afunekayo ukuze azalise ikomityi? Fakela umbala.





Mangaphi amacephe angaphezulu afunekayo ukuzalisa ikomityi?

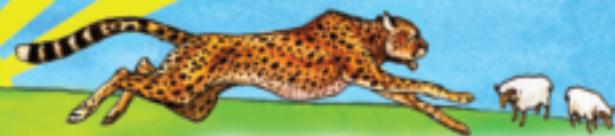


UMakhulu usebenzisa iikomityi ezi-2 zobisi xa esenza ipudini. Ukuba iresiphi yakhe ujiphinda kabini, uza kusebenzisa ubisi olungakanani?



Teacher: _____
Sign: _____
Date: _____

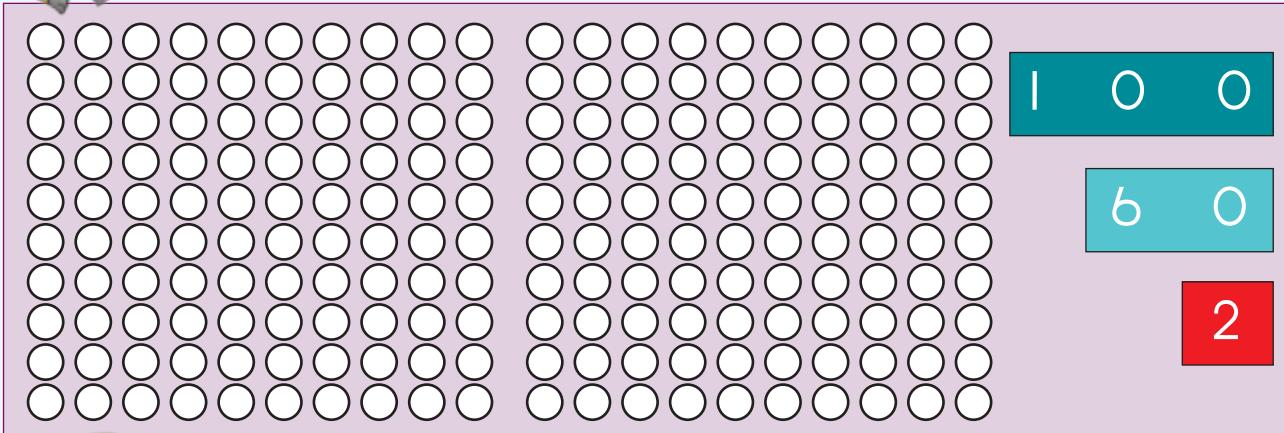
69



Amanani 150–170

Faka umbala kwizangqa ezili-162.

Ikota yesi-3



Bhala inani:

$100 + 50 + 2$ $= 152$	$100 + 60 + 7$ $=$	$100 + 70$ $=$
$100 + 60 + 9$ $=$	$100 + 50 + 4$ $=$	$100 + 60 + 1$ $=$



Ngawaphi amanani aphakathi:

10

1 2 3 4 5 6 7 8 9 10

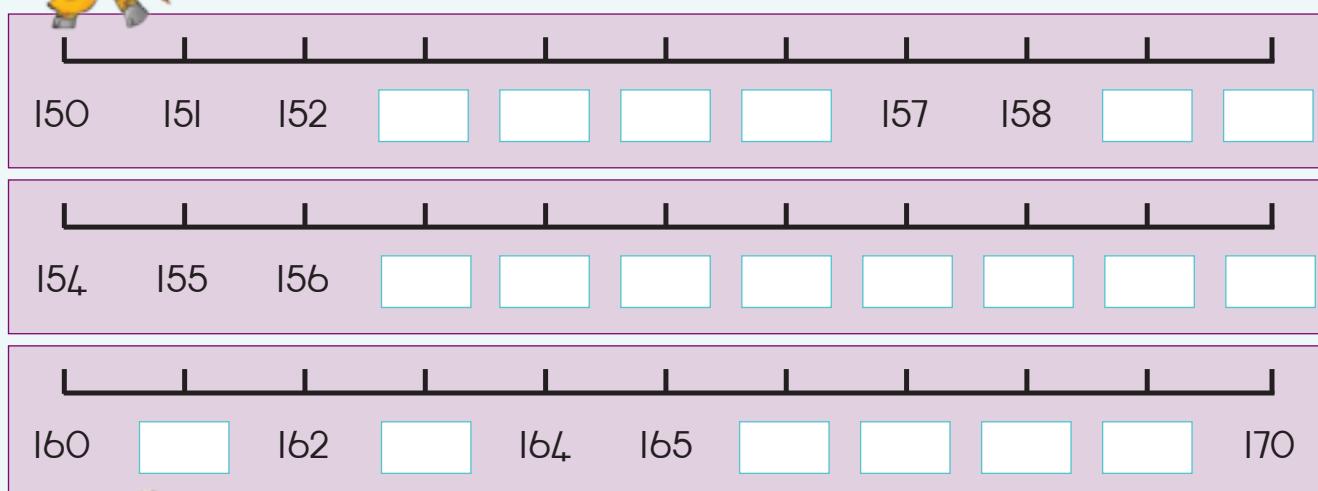


Bhala amanani abe mabini amancinane kune namanani abe
mabini amakhulu kunenani olinikiwego.

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.



Teacher: _____
Sign: _____
Date: _____

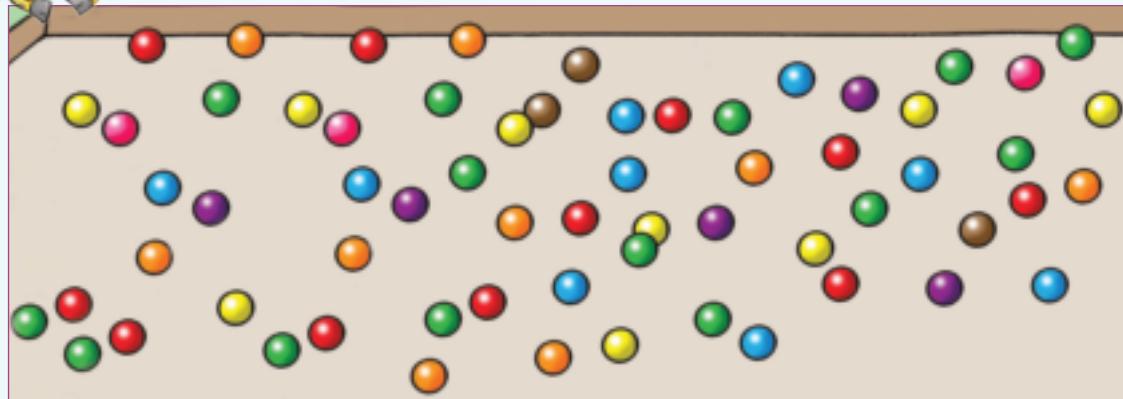
70

Ukubala kune nokuqikelela (0–100)

Ikota yesi-4



Qikelela uze ubale amaso.

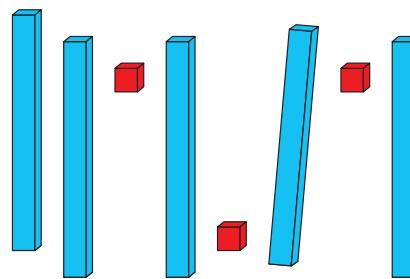
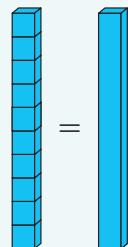


qikelela

bala

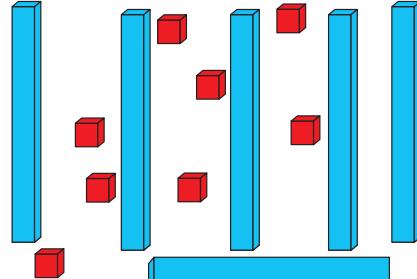


Kukho iibloko ezili-10 kwisikhongozeli.
Qikelela uze ubale.



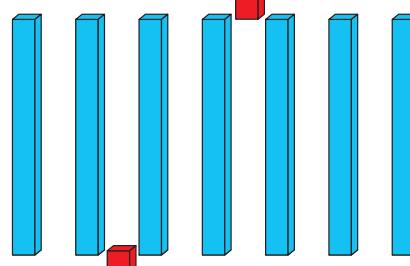
qikelela

bala



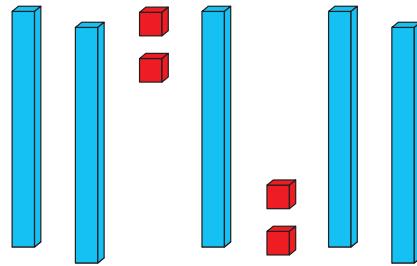
qikelela

bala



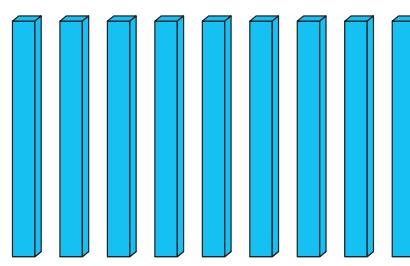
qikelela

bala



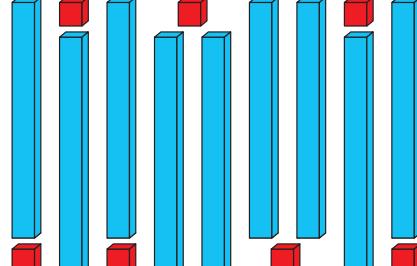
qikelela

bala



qikelela

bala



qikelela

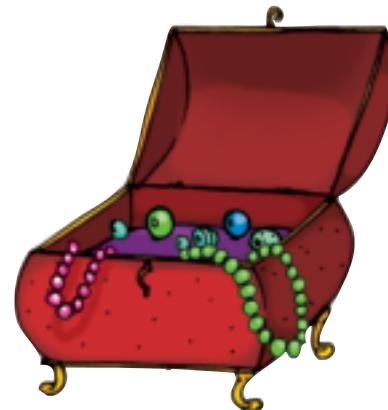
bala



Kukho iilekese ezingama-42 ebhokisini.
Zingaphi ezifihlakeleyo?



Kukho amaso angama-50 ebhokisini.
Mangaphi afihlakeleyo?



Kukho iilekese ezingama-78 ebhokisini.
Zingaphi ezifihlakeleyo?

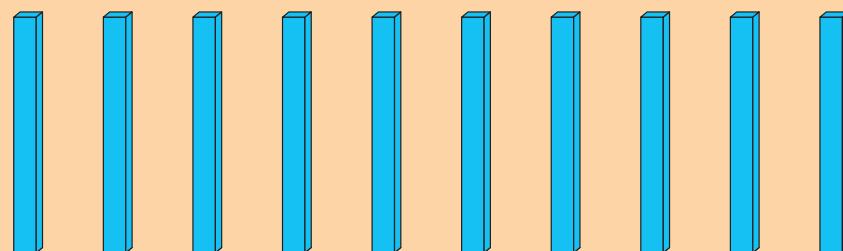


Kukho amaso ali-100 ebhokisini.
Mangaphi afihlakeleyo?



Ukhawuleza kangakanani ukwenza oku?

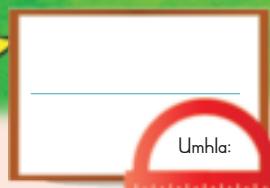
Isikhongozeli ngasinye sineebloko ezili-10. Zingaphi iibloko ezikhoyo?





Teacher:
Sign:
Date:

71

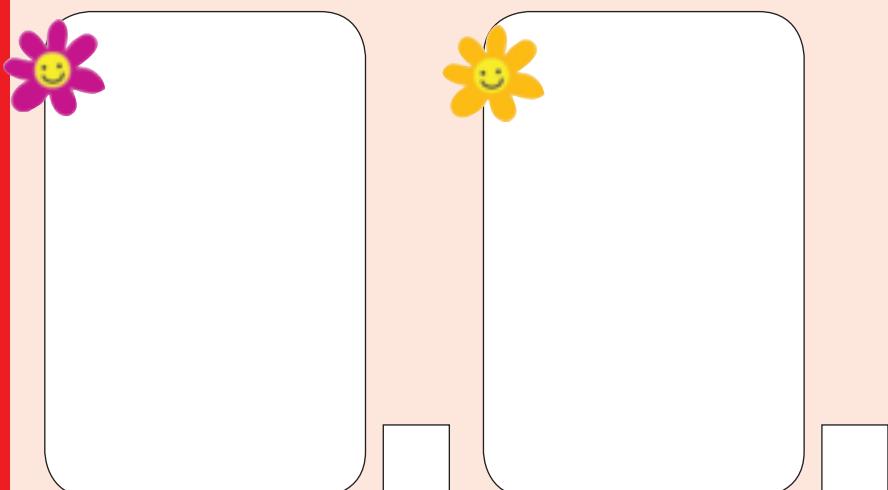
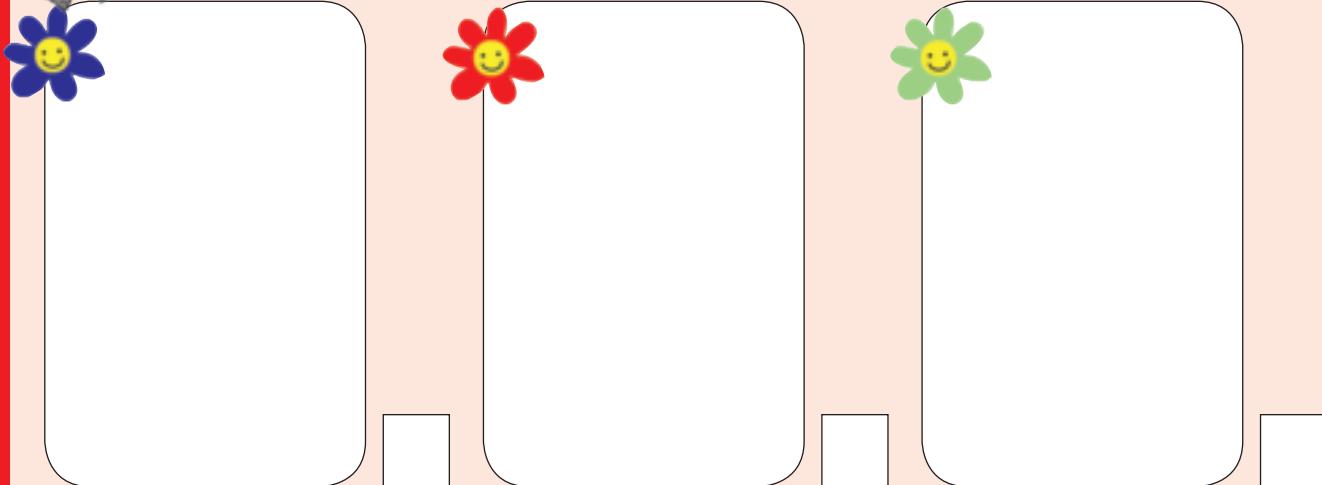


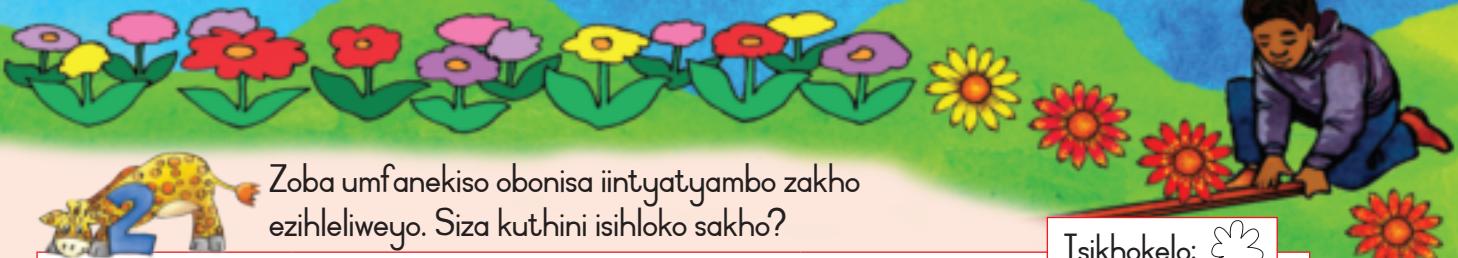
Ezinye iinkcukacha

Ikota yesi-3



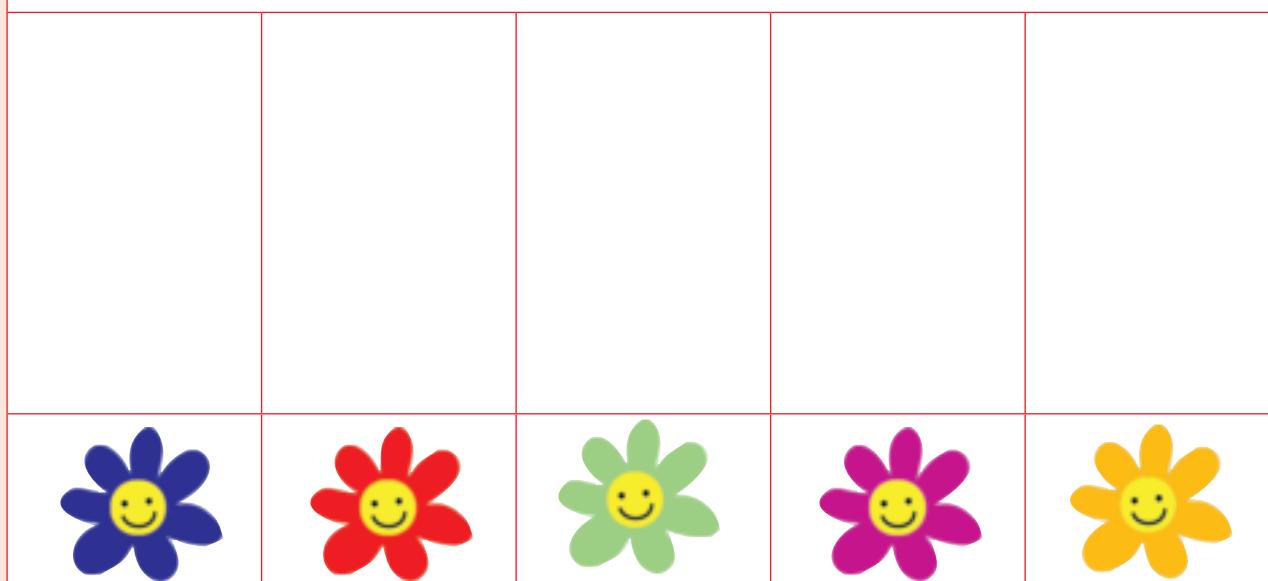
Hlela iintyatyambo. Zenzele owakho umfanekiso. Bhala isiphumo ebhokisini.





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?

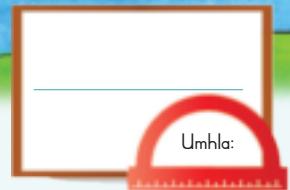
Zingaphi iintyatyambo ezimthubi ezikhoyo?

Ngowuphi umbala wentyatyambo othandwa kakhulu?

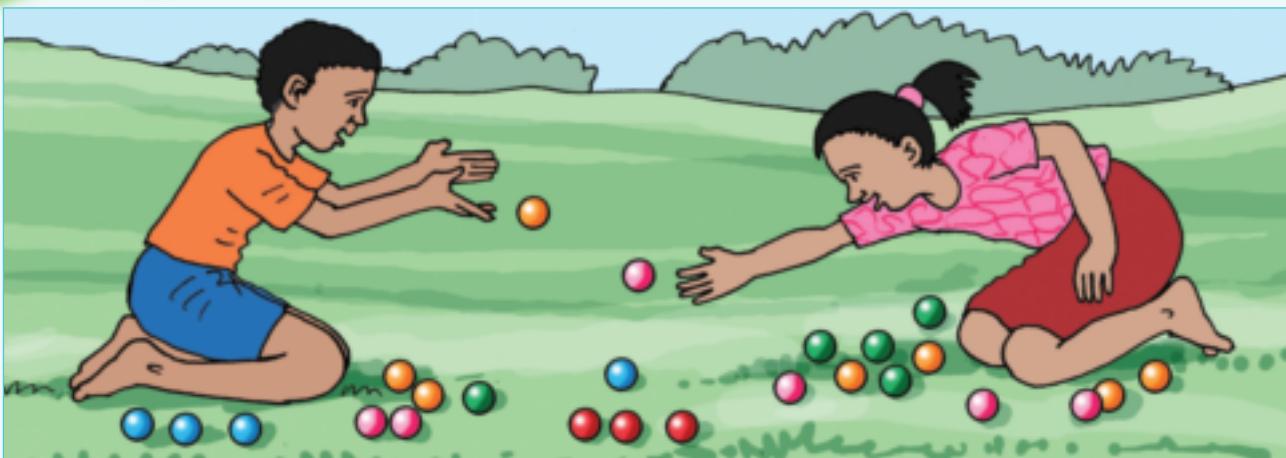
Ngowuphi umbala wentyatyambo ongathandwa kakhulu?

Wena uthanda owuphi umbala wentyatyambo?





Ukudibanisa 0–50



Jonga umfanekiso uze udibanise amapetyu.

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



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

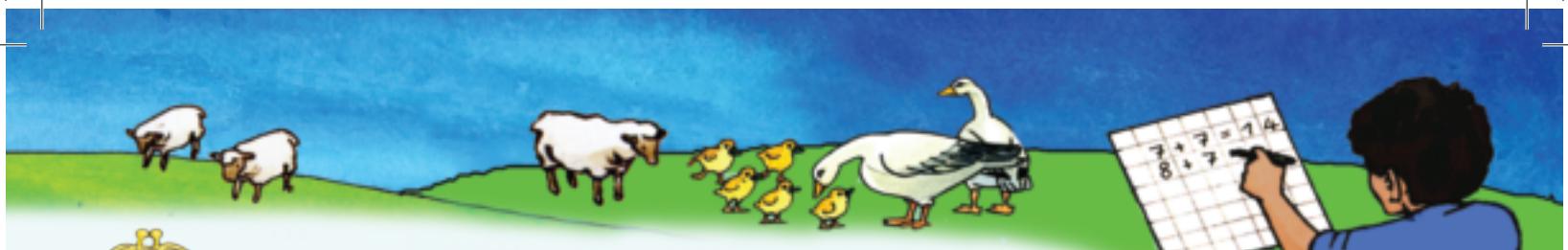
2	5	3	7
1 0	2 0	3 0	4 0

$$7 + 40 = 47$$

$$10 + 2 = 12$$

$$20 + 5 = 25$$

$$3 + 30 = 33$$



Dibana.

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



Dibana.

$$16 + 13$$

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

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

$$24 + 12$$

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

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

$$37 + 11$$

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

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

$$25 + 23$$

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

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

$$36 + 12$$

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

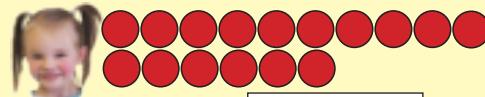
$$\boxed{} + \boxed{} = \boxed{}$$

$$28 + 21$$

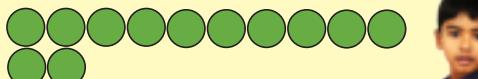
8	1	$= \boxed{}$
$2 \text{ } 0$	$2 \text{ } 0$	$= \boxed{}$

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

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

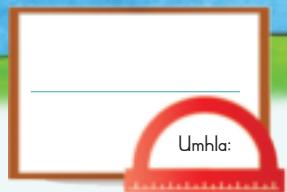


Zingaphi zizonke?



Teacher:
Sign:
Date:

73



Ukudibanisa 0–75

Ikota yesi-3

Nika isiphumo sebloko nganye. Gqibezela.

1	10	6	20	3	20	4	40
5	10	2	10	5	30	4	30



Dibanisa.

$12 + 11$

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

$23 + 41$

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



Gqibezela.

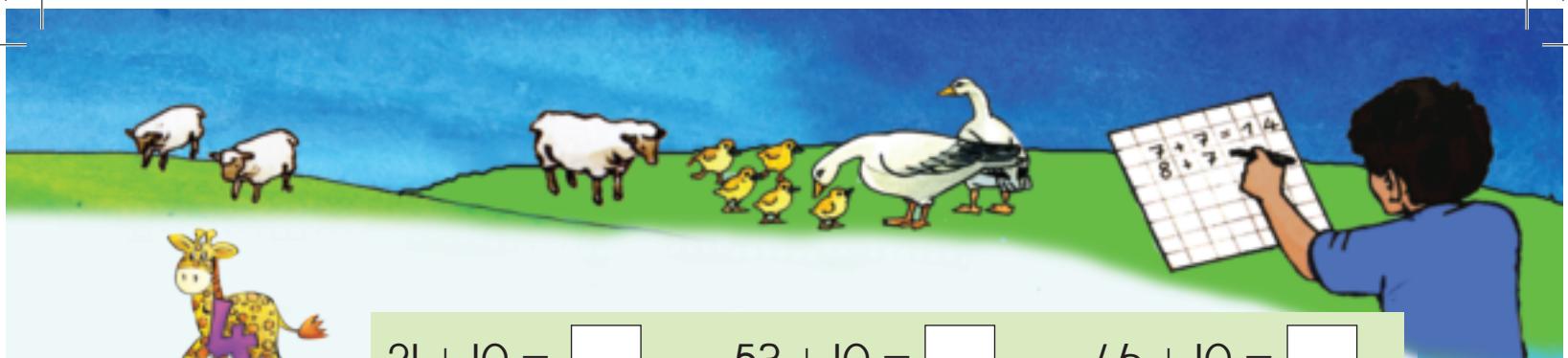
$$28 + \boxed{11} = \boxed{2} \boxed{8} + \boxed{1} \boxed{0} + \boxed{1} = 38 + \boxed{1} = 39$$

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

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

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

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



Dibanisa.

$21 + 10 = \boxed{}$
 $53 + 10 = \boxed{}$
 $46 + 10 = \boxed{}$

$68 + 10 = \boxed{}$
 $37 + 10 = \boxed{}$
 $42 + 10 = \boxed{}$

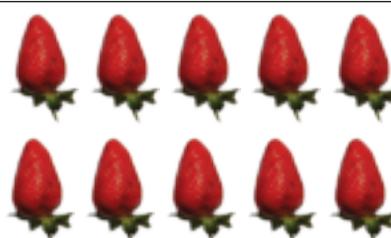
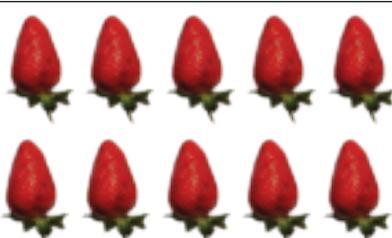
$74 + 10 = \boxed{}$
 $19 + 10 = \boxed{}$
 $55 + 10 = \boxed{}$



Nika isiphumo xa udibanise ama-47 nesi-6.
Bonisa impendulo yakho ngomfanekiso.



Zenzele esakho isibalo samagama usebenzise imifanekiso.



Teacher: _____
Sign: _____
Date: _____

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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

$7 + 40 = 47$

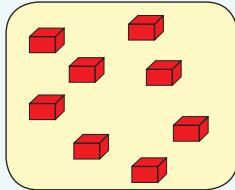
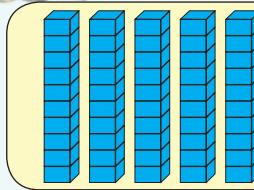
$60 + 9 = 69$

$50 + 5 = 55$

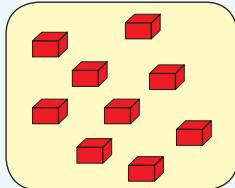
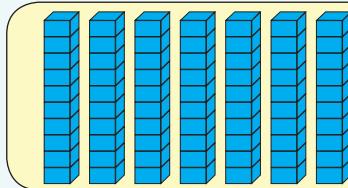
$4 + 70 = 74$



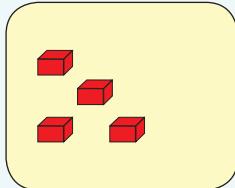
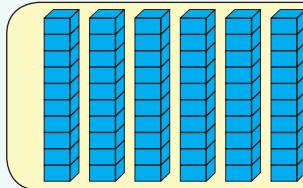
Bhala isibalo sokulandelayo uze ubhale iimpendulo.



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



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



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



Dibanisa.

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

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

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

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

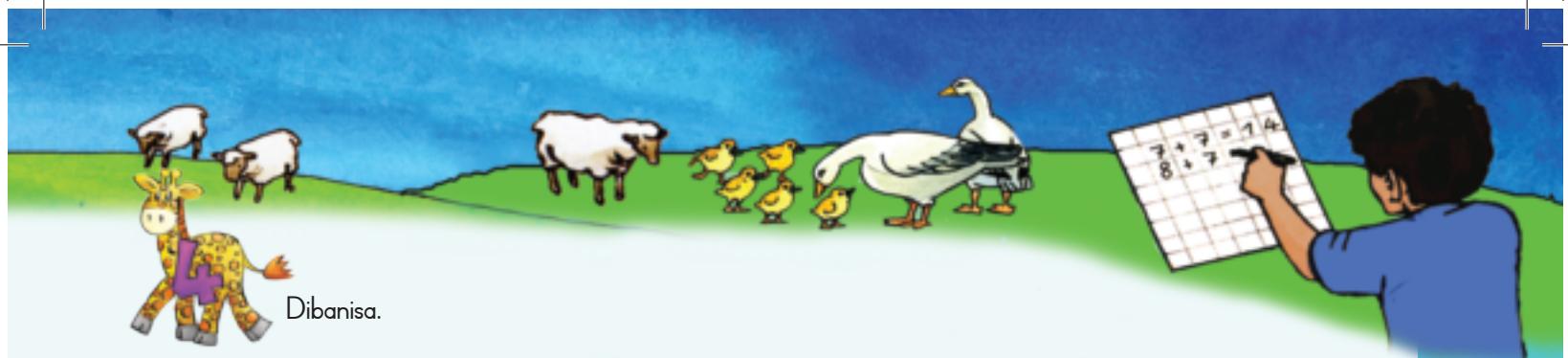
$\boxed{2} \ 0 + \boxed{8} = \boxed{}$

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

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

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

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



Dibanisa.

$56 + 15$



$56 + 15 = 71$

$34 + 17$

$48 + 13$

$\square + \square = \square$

$63 - 41$

$75 - 51$

$\square - \square = \square$

$72 - 49$

$\square - \square = \square$



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



Zingaphi zizonke? _____



Teacher: _____
Sign: _____
Date: _____

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Ikota yesi-3



Iibhola, iibhokisi neesilinda

La magama angakunceda:

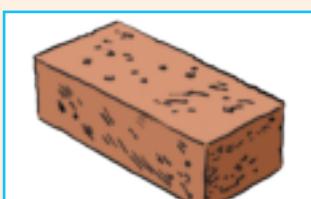
iibhokisi

iibhola

iisilinda

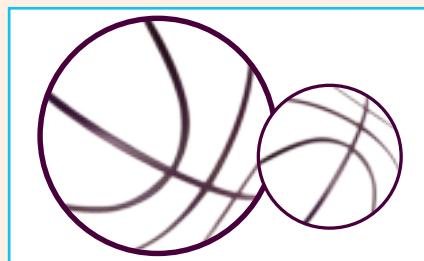
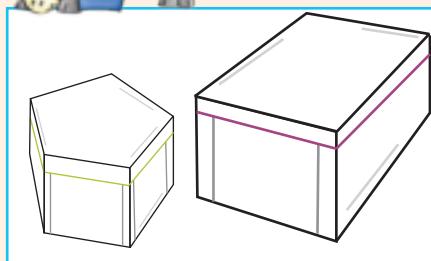


Chaza ukuba zeziphi iibhola, iibhokisi neesilinda ngokubhala igama ngezantsi kwento nganye.





Fakela umbala ozuba kwezincinci.

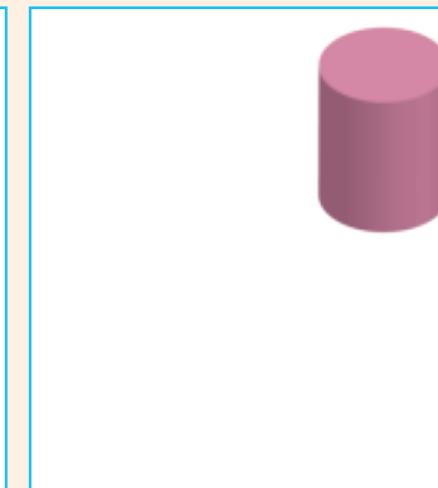
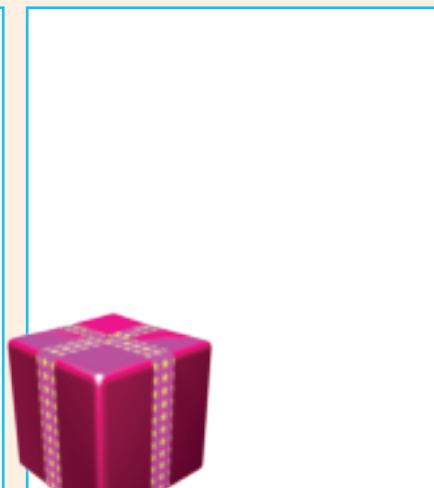
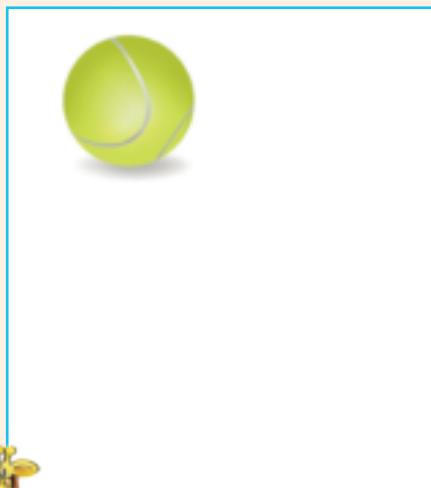


iibhokisi

iibhola

iisilinda

Zoba enkulu.



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



Tyibilika, qengqeleka uze wakhe ngeemilo ezingu-3D

Umhla:

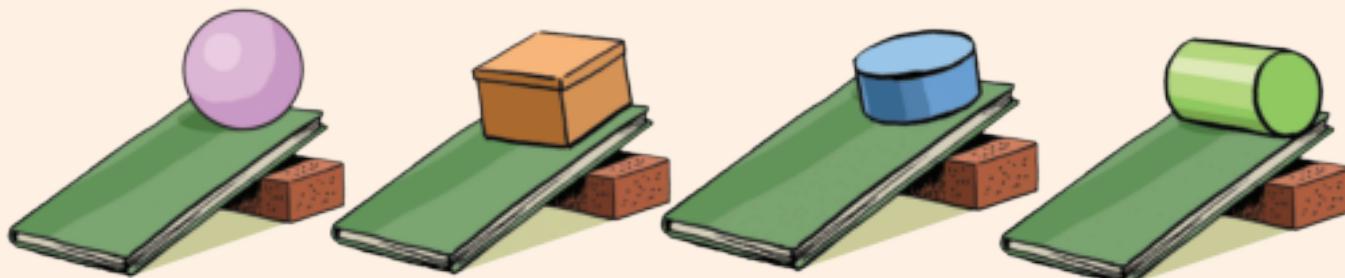


Utitshala uza kuwenza kanye nani lo msetyenzana ukuze abone ukuba ezi zinto ziylala na:

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



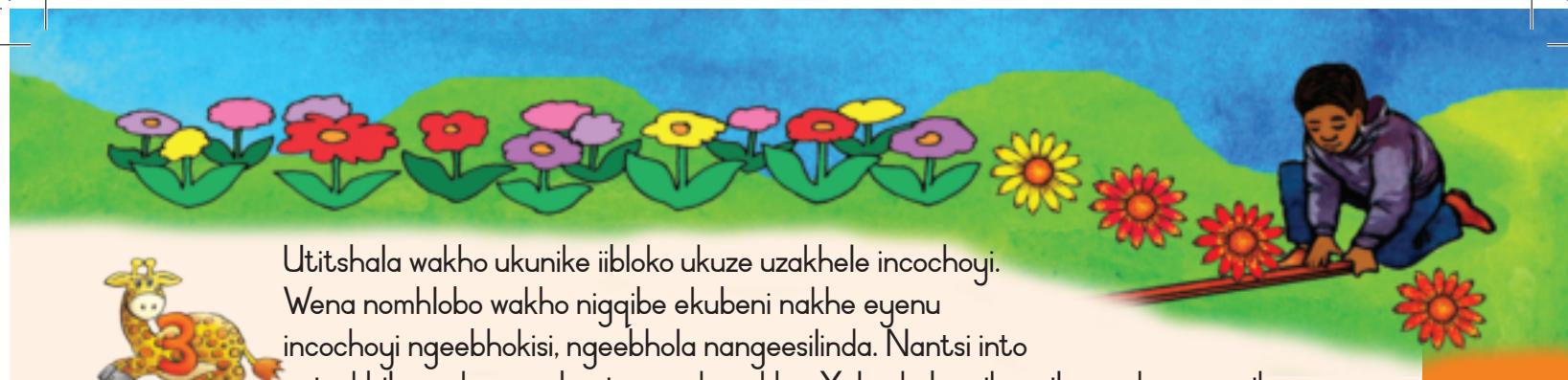
Ibhokisi, iibholo neesilinda zingaqengqeleka okanye zityibili. Utitshala wakho uza kukunika ezi zinto zilandelayo ukuze ubone ukuba ziyaqengqeleka okanye ziyatyibili na. Nakugqiba ukwenza lo msetyenzana xela ukuba into nganye iyaqengqeleka okanye iyatyibili na.



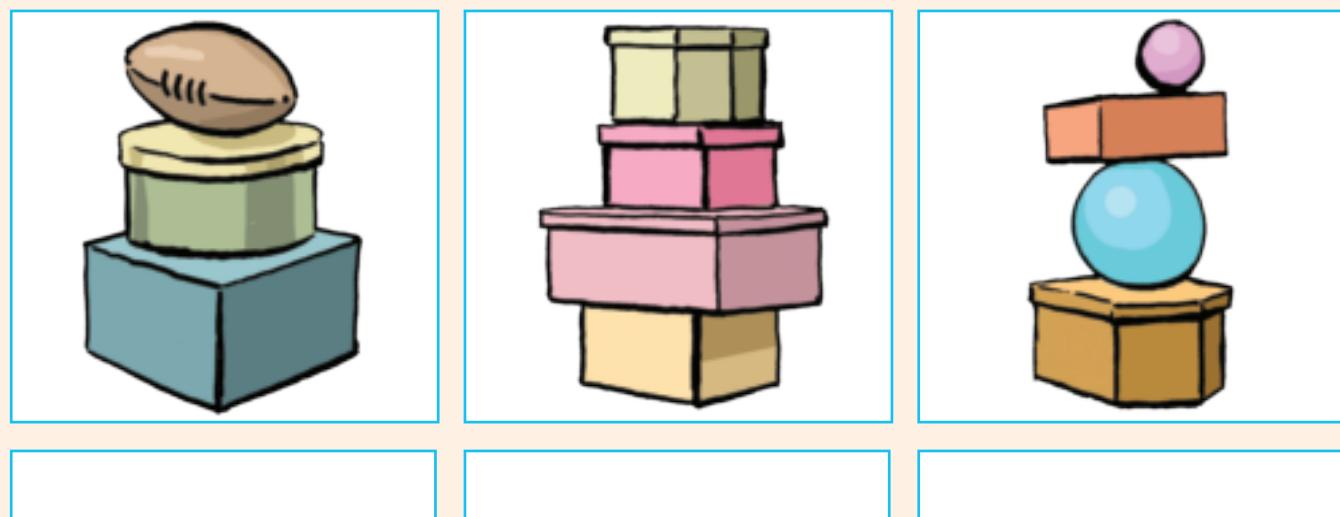
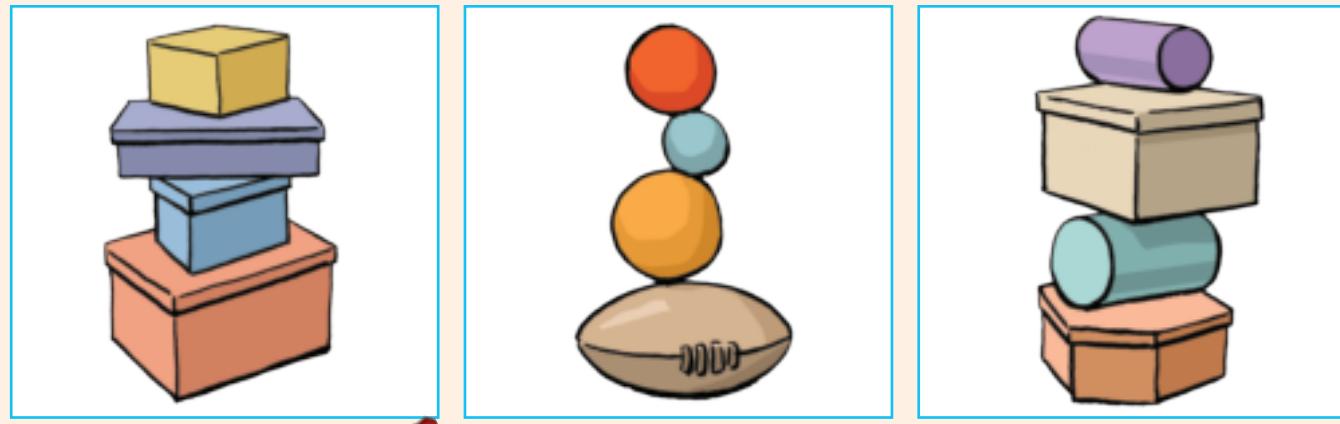
Khangela kwimagazini imifanekiso yezinto eziqengqelekayo okanye ezityibilikayo uze uzincamathele apha.

iyaqengqeleka

iyatyibili



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.



Nazi iincochoyi zeebhokisi zematshisi

Uza kufuna oku:
Iibhokisi zematshisi.

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



77



Okunye ukudibana nokuthabatha 0–75

Dibanisa amanani akwibloko nganye uze ubhale impendulo.

Ikota yesi-3

	5	0	
2		2	0
3			

	5	0	
7		1	0
2			

	4	0	
4		1	0
3			

	3	0	
8		2	0
1			



Dibanisa usebenzise eyakho indlela.

$52 + 21$

$43 + 28$



Gqibeza.

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

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

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



Ukudibana.

$41 + 10 = \boxed{}$

$44 + 10 = \boxed{}$

$71 + 10 = \boxed{}$



Ama-36 adibene nama-24 enza _____.

Zoba umfanekiso obonisa impendulo yakho.

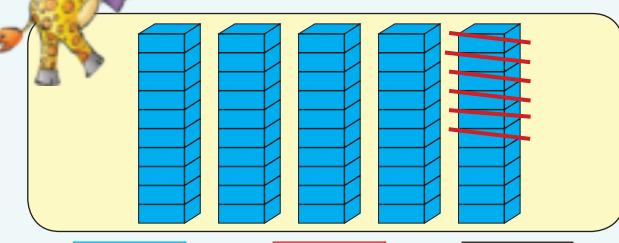


Thabatha amanani akwibhokisi esezantsi kumanani akwibhokisi engasentla.

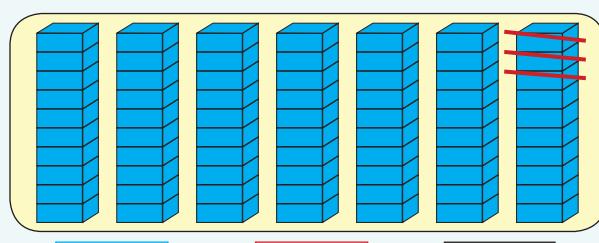
5	7 0	2	6 0	7	5 0	9	3 0
3	4 0	1	2 0	6	1 0	5	1 0



Bhala isibalo soku:



$$\boxed{} - \boxed{} = \boxed{}$$



$$\boxed{} - \boxed{} = \boxed{}$$



Thabatha:

$$65 - 23$$

$$72 - 29$$



Thabatha.

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

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

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



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

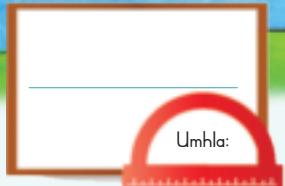


Mangaphi amapetyu ashiyekileyo? _____



Teacher: _____
Sign: _____
Date: _____

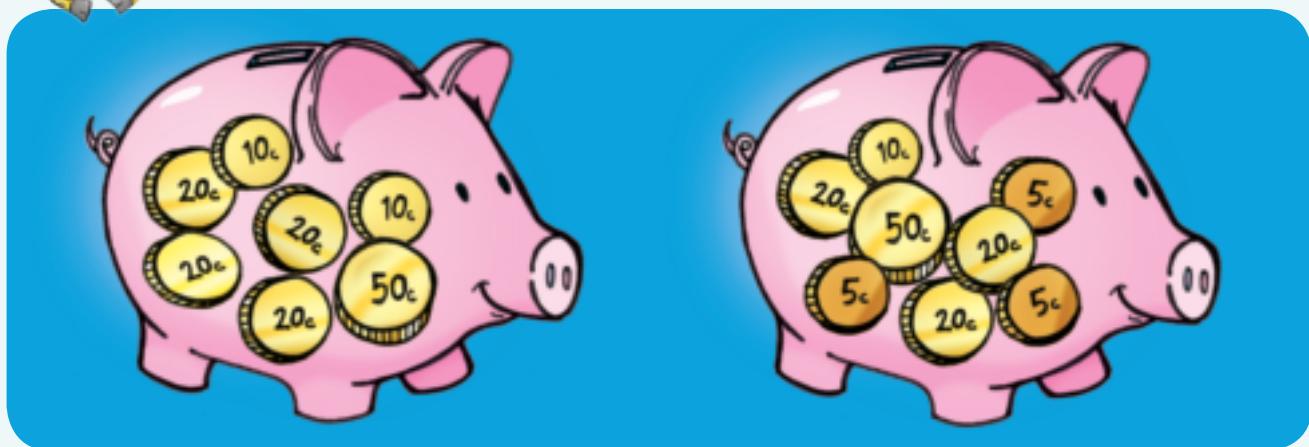
78



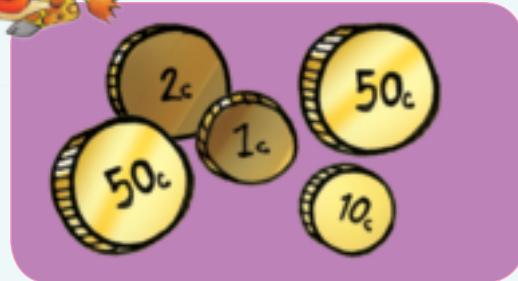
Imali

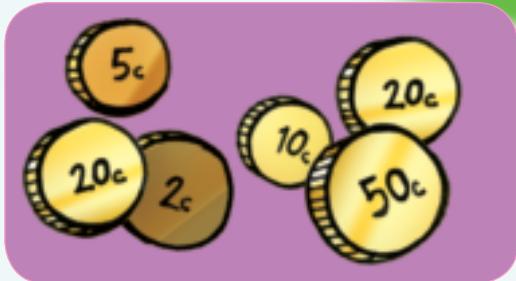
Kukho ntoni ebhankini yam yehagu?

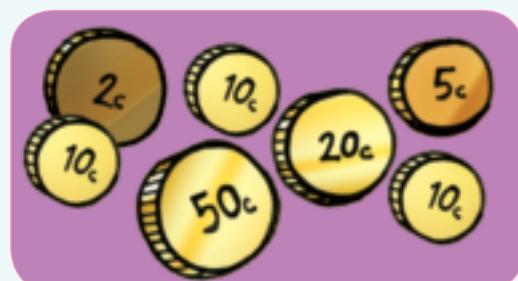
Ikota yesi-3

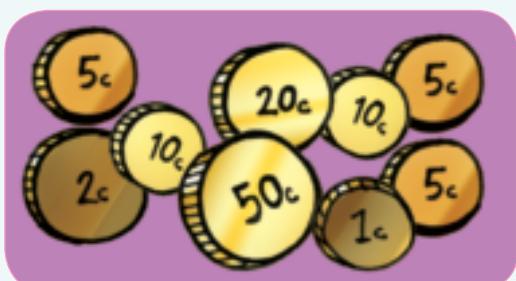


Sebenzisa imali eziinkozo ekumsiko 3 uze uncamathelese izixa ezichanekileyo apha.















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.

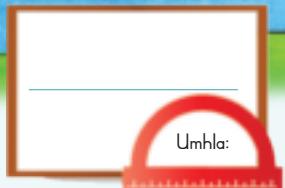
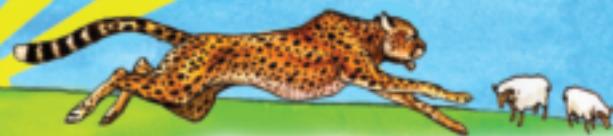


79

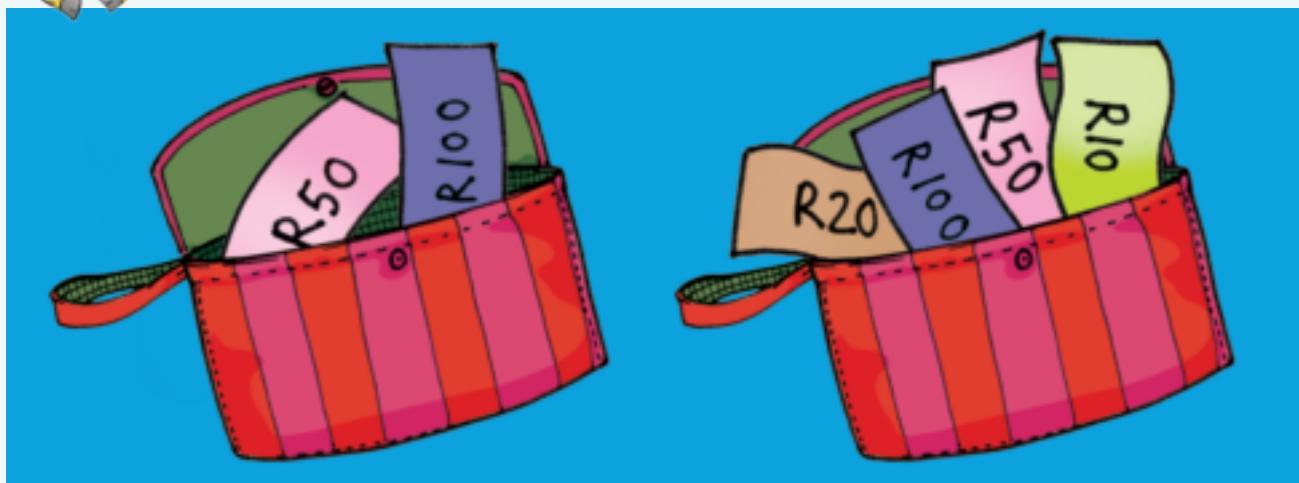


Ndinamalini esipajini sam?

Ikota yesi-3

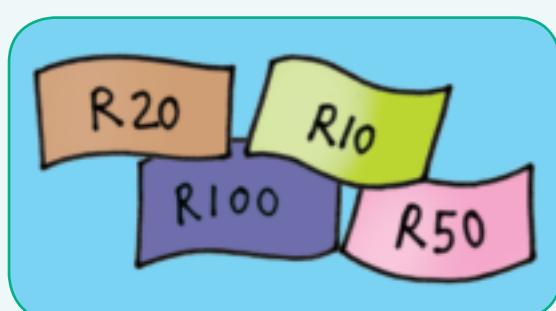
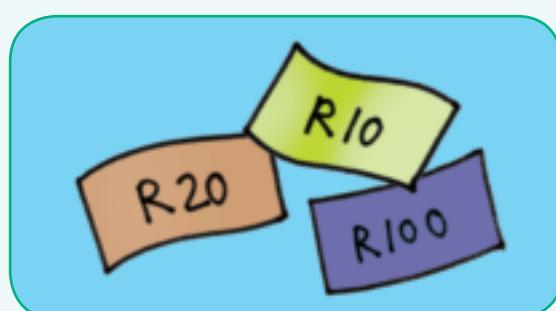
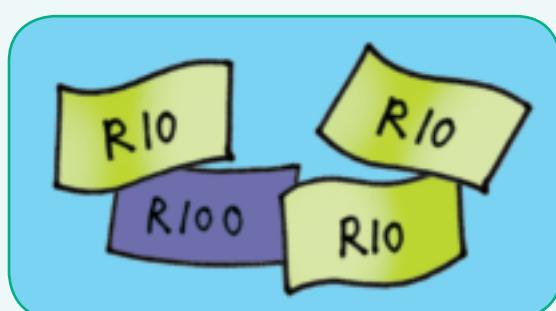
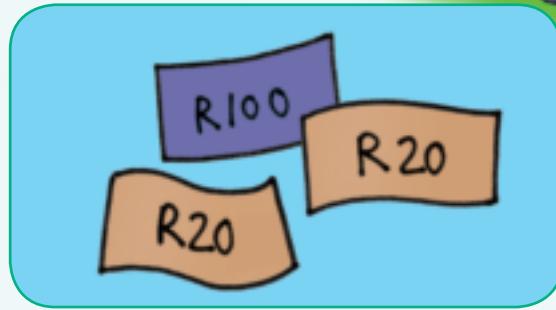


Imali engamaphepha



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?



80

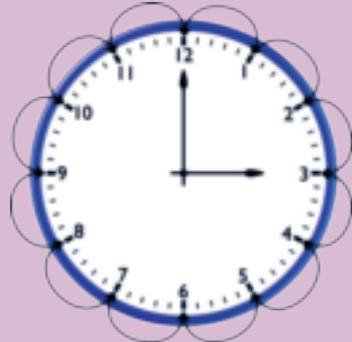


Ncokola ngewotshi.

Iipatheni zexesha

Umhla:

Ikota yesi-3



Iwotshi isibonisa ixesha.

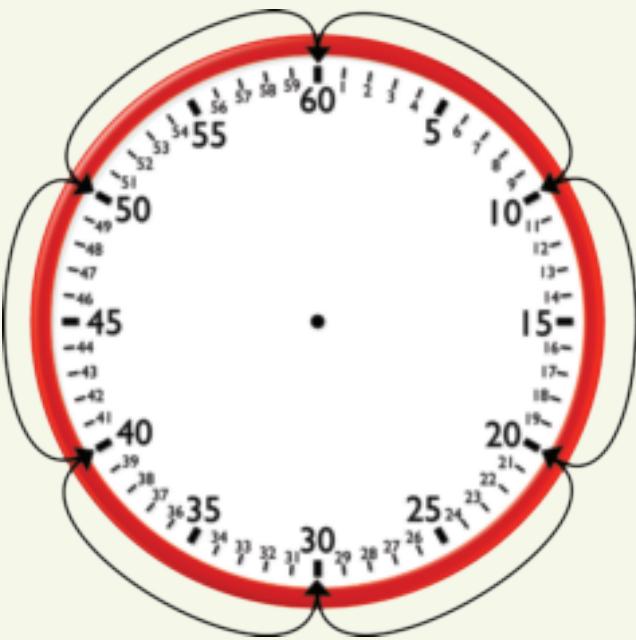
Usiba olude lusibonisa iiyure.

Usiba olufutshane lusibonisa imizuzu.

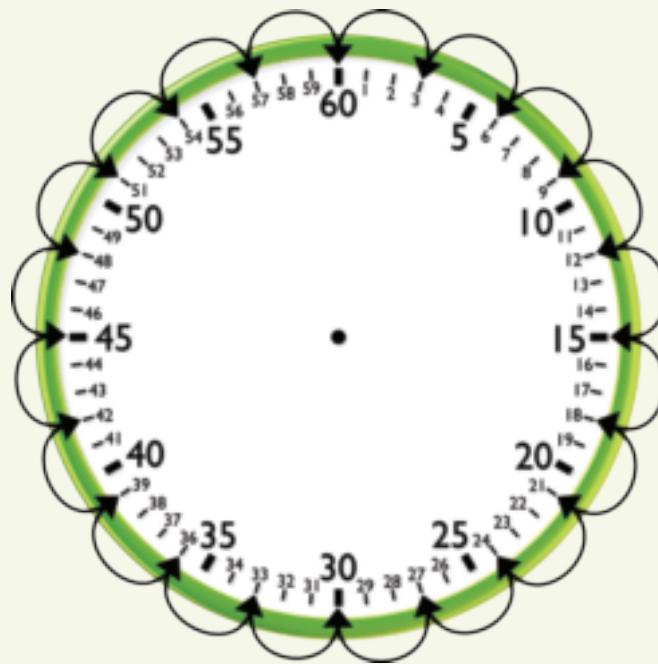
Apha sibala imizuzu ngezihlanu.



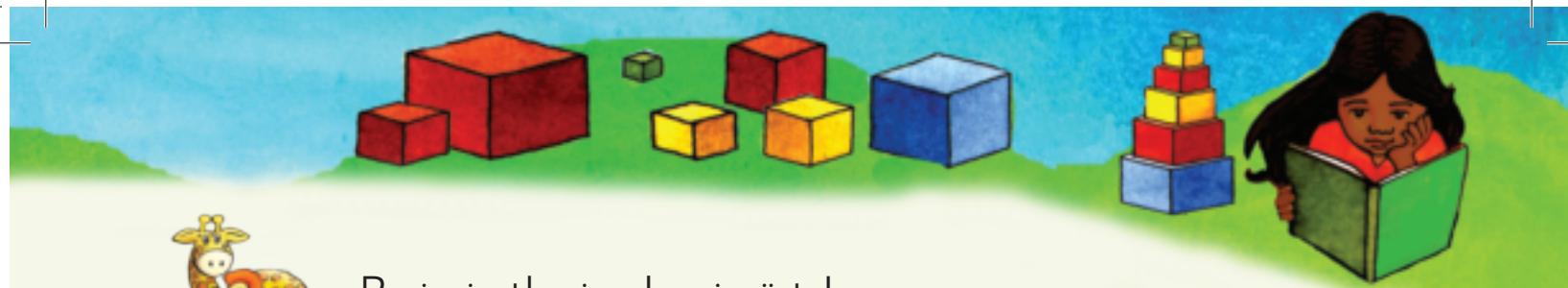
Ithini ipatheni? Jonga iintolo kwixesha ngalinye uze ubhale ipatheni.



10 __, __, __, __, __,

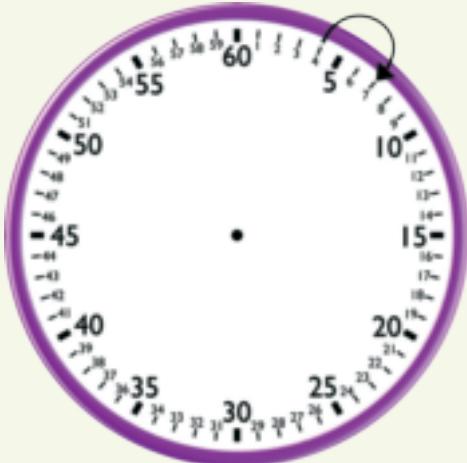


—3 __, __, __, __, __, __,
—, —, —, —, —, —,
—, —, —, —,

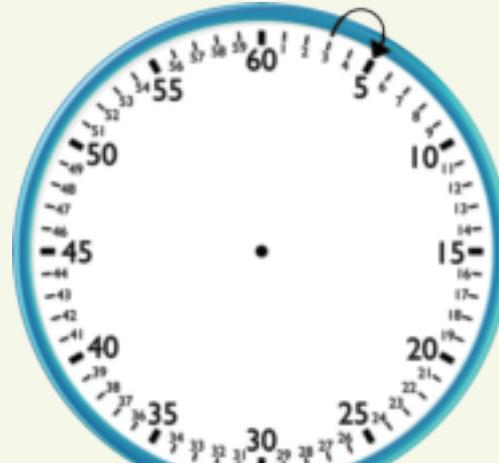


Bonisa ipatheni usebenzise iintolo.

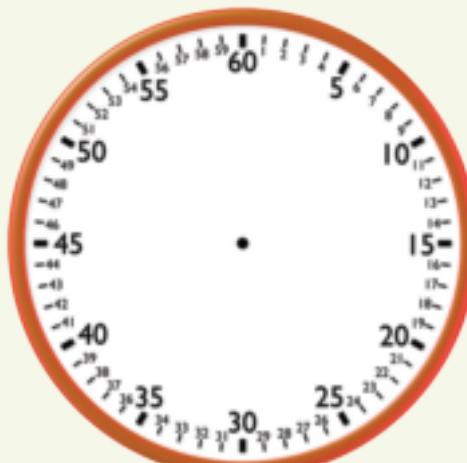
Bala ngezi-3 uqale kwisi-4.



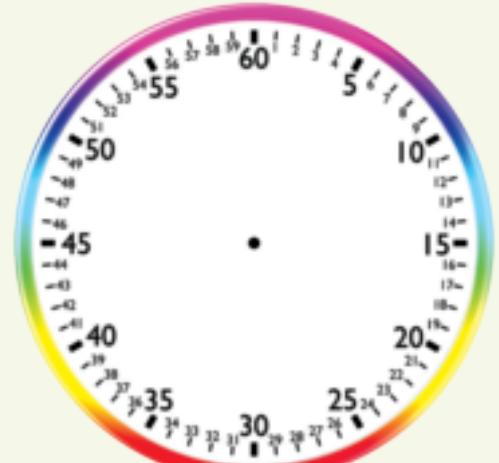
Bala ngezi-2 uqale kwisi-3.



Bala ngama-10 uqale ku-l.



Bala ngezi-5 uqale kwisi-2.



Uya xesha liphi
esikolweni?



Ugoduka xesha
liph?



Isidlo sangokuhlwia
usitya ngabani ixesha?



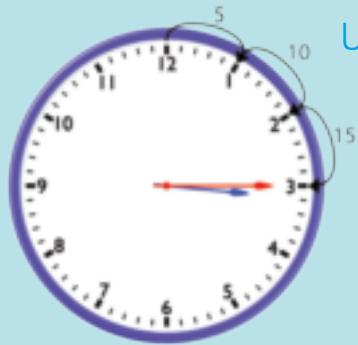
Teacher:
Sign:
Date:

8la



Ncokola ngewotshi.

Ikota yesi-3



Usiba olufutshane lusibonisa ukuba kusandula kubetha intsimbi yesithathu

Usiba olude lusibonisa ukuba yimizuzu eli-15.

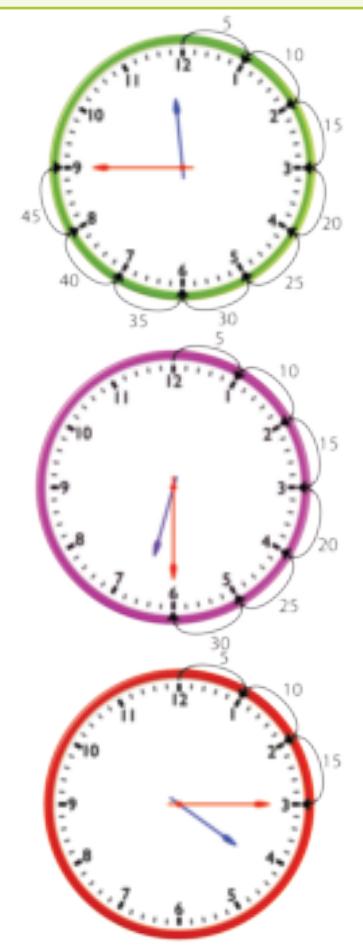
Sithi ngumkhono emva kwentsimbi yesithathu.

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 _____.

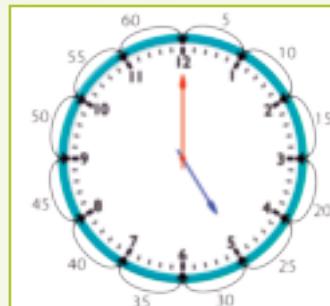
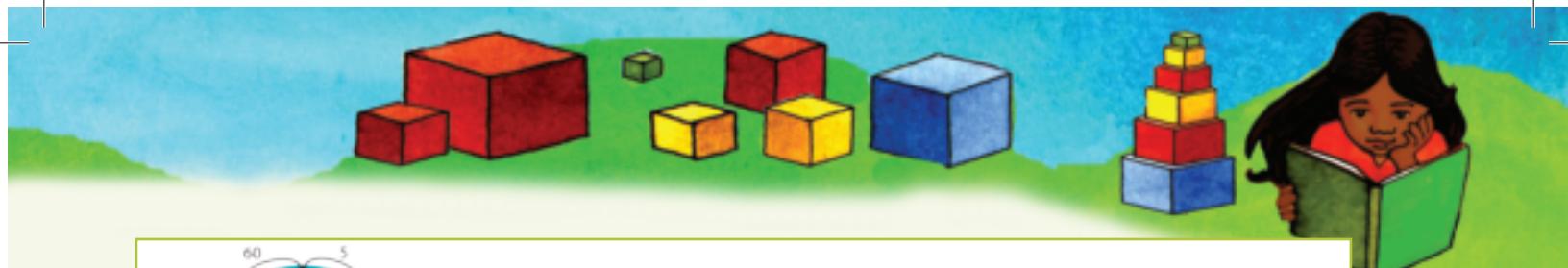
Usiba olude lusibonisa ukuba _____.

Sithi ixesha _____.

Usiba olufutshane lusibonisa _____.

Usiba olude lusibonisa ukuba _____.

Sithi ixesha _____.



Usiba olufutshane lusibonisa _____.

Usiba olude lusibonisa ukuba _____.

Sithi ixesha _____.



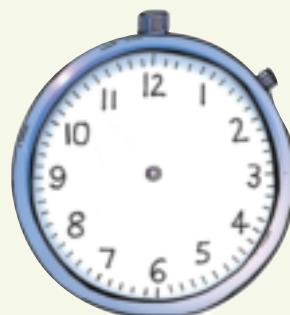
Zoba usiba olude nosiba olufutshane.

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

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.

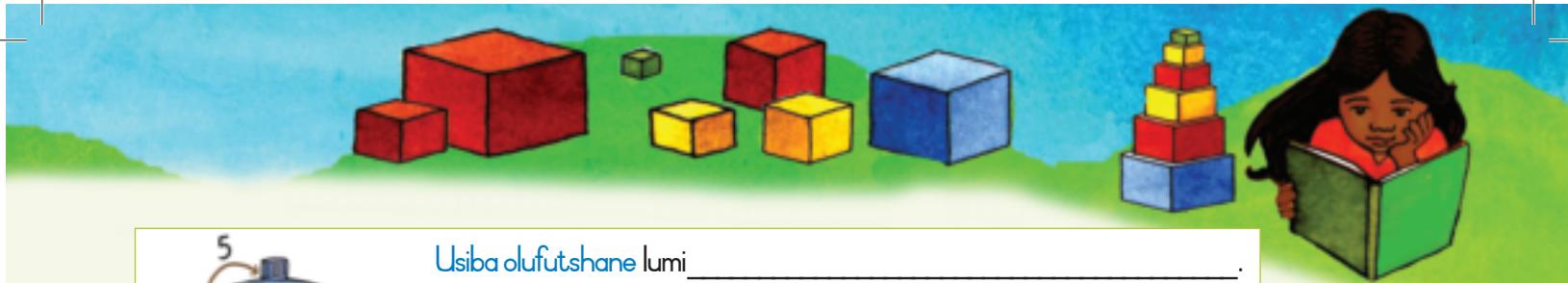
Sithi yi _____ phambi _____.

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.

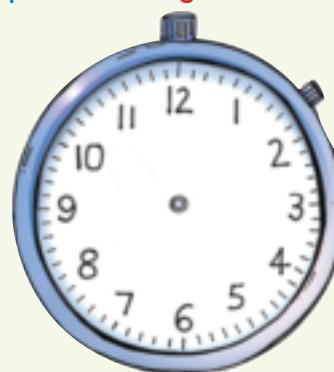
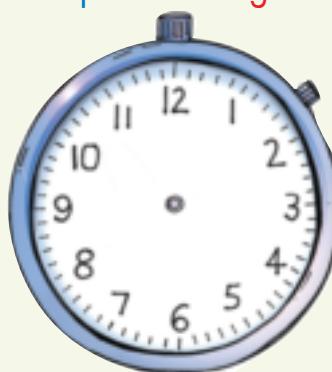
Sithi yi _____ phambi _____.



Zoba usiba olude nolufutshane ubonise oku:

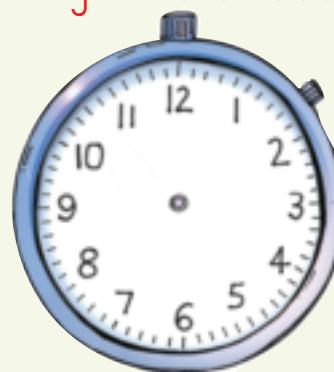
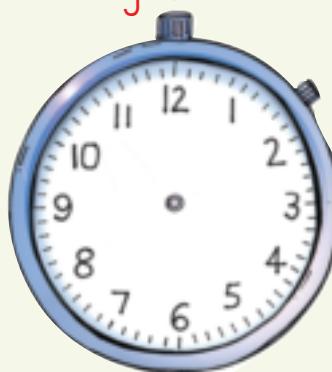
Mihlanu phambi kweyesibhozo.

Ngamashumi amabini
phambi kweyesithathu.



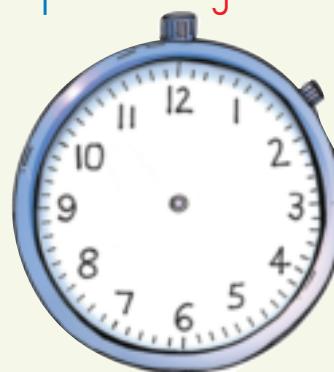
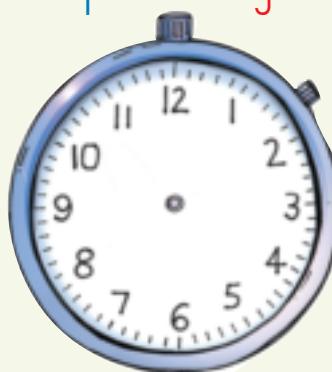
Lishumi elinesithathu phambi
kweyesixhenxe.

Lishumi elinesibini phambi
kweyeshumi elinesibini.

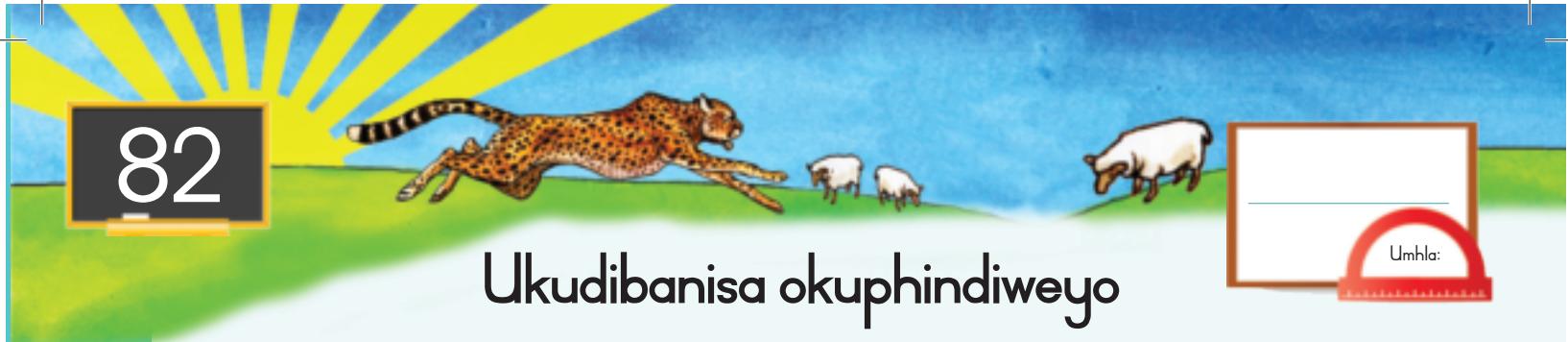


Mihlanu phambi kweyokuqala.

Ilishumi phambi kweyesithandathu.



Teacher:
Sign:
Date:



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.

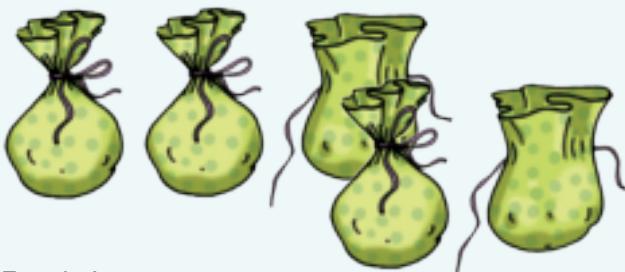


Isivakalisi: amaqela ama-4 ezibini

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: _____

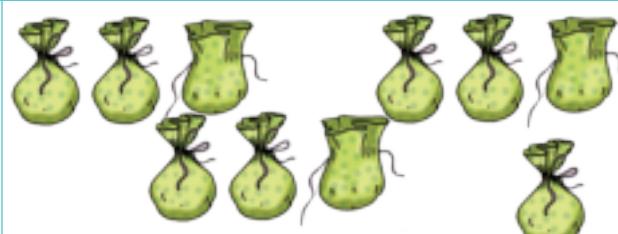


Isivakalisi: amaqela asi-7 ezi-4

Isibalo sokudibanisa:

$$4 + 4 + 4 + 4 + 4 + 4 + 4 = 28$$

$$\text{Isibalo sokuphinda-phinda: } 7 \times 4 = 28$$



Isivakalisi: _____

Isibalo sokudibanisa: _____

Isibalo sokuphinda-phinda: _____



Isivakalisi: _____

Isibalo sokudibanisa: _____

Isibalo sokuphinda-phinda: _____



Isivakalisi: _____

Isibalo sokudibanisa: _____

Isibalo sokuphinda-phinda: _____



Gqibezela le theyibhile yokuphinda-phinda.

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

Ndineebhokisi ezintlanu
ezineemafini ezimbini inye.
Zingaphi iimafini endinazo
zizonke?



Ndineebhokisi ezine
ezineekeyikana ezintlanu inye.
Zingaphi ikeyikana endinazo
zizonke?



Ndineebhokisi ezintathu
ezinamafetshu amane inye.
Mangaphi amafetshu
endinawo ewonke?



Teacher: _____
Sign: _____
Date: _____



Phinda-phinda ngesi-5

Ikota yesi-3

Unyawo olunye luneenzwane ezi-5.

Isandla esinye sineminwe emi-5.



Zingaphi iinzwane zizonke?

Mingaphi iminwe iyonke?



Gqibezela:





Iinzwane
kunyawo olunye

Iminwe
kwisandla esinye





Iinzwane
kunyawo olunye

Iminwe
kwisandla esinye





Iinzwane
kunyawo olunye

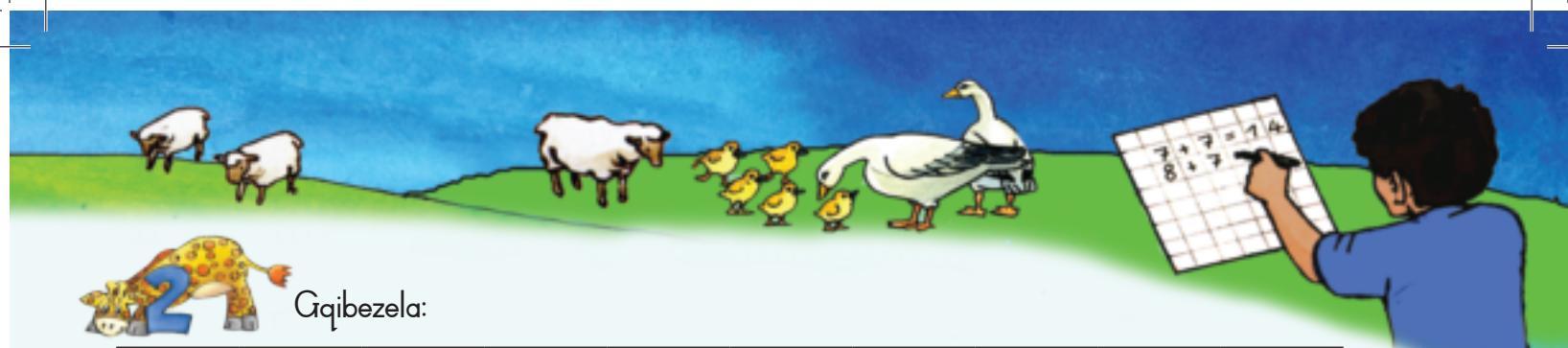
Iminwe
kwisandla esinye





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:

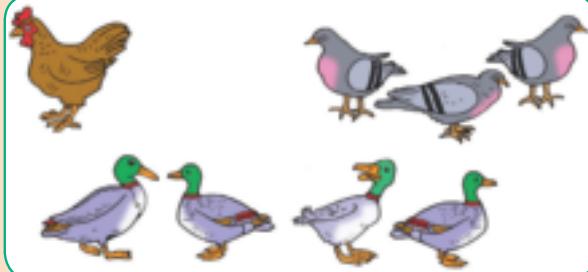
$15 \times 5 =$ <input type="text"/>	$12 \times 5 =$ <input type="text"/>
$1 \quad 0$ $\times 5$ = $1 \quad 0 + 5$ $\times 5$ = $1 \quad 0 \times 5 + 5 \times 5$ = $50 + 25$ = 75	$1 \quad 0$ $\times 5$ = <input type="text"/> + <input type="text"/> \times <input type="text"/> = <input type="text"/> \times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



Phinda-phinda ka-2

Umhla:

Zonke iintaka
zinamanqina ama-2.



Mangaphi amanqina akulo
mfanekiso ewonke?

Mangaphi amaphiko akulo
mfanekiso ewonke?



Jonga emfanekisweni uze ugqibezele oku kulandelayo.

amahobe



$$\boxed{} \times \boxed{} = \boxed{}$$

Inani lamahobe Amanqina entaka nganye

$$\boxed{} \times \boxed{} = \boxed{}$$

Inani lamahobe Amaphiko entaka nganye

amadada



$$\boxed{} \times \boxed{} = \boxed{}$$

Inani lamadada Amanqina entaka nganye

$$\boxed{} \times \boxed{} = \boxed{}$$

Inani lamadada Amaphiko entaka nganye



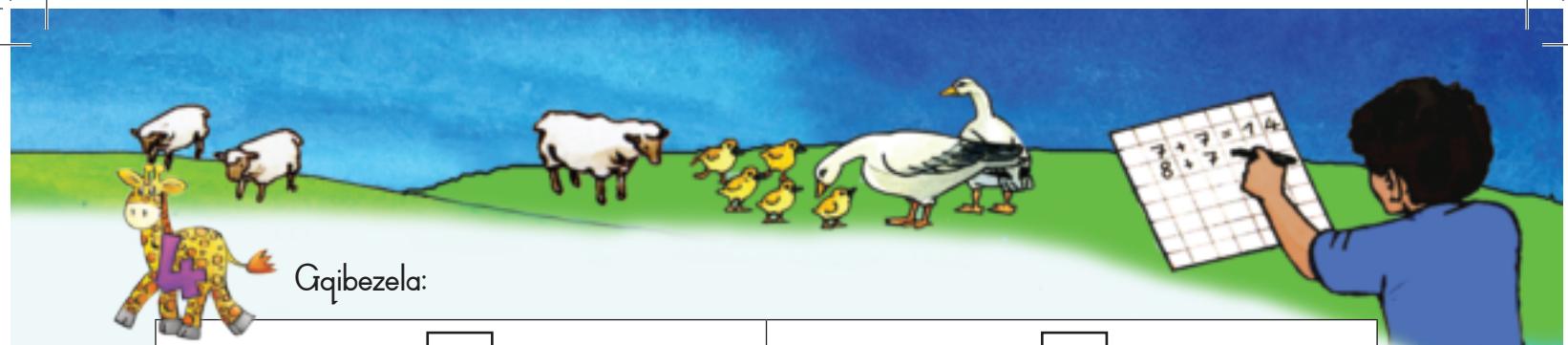
Gqibezela:

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



Gqibezela:

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



Gqibezela:

$$12 \times 2 = \boxed{\quad}$$

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

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

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

$$= 20 + 4$$

$$= 24$$



$$15 \times 2 = \boxed{\quad}$$

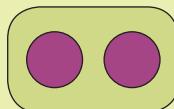
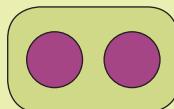
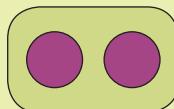
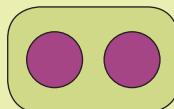
$$\begin{array}{r} 1 \ 0 \\ \textcolor{red}{5} \end{array} \times 2$$

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

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

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

$$= \boxed{\quad}$$



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

okanye

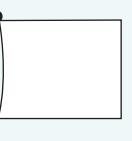
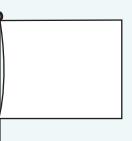
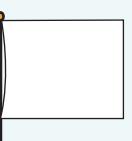
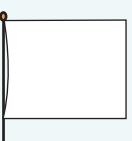
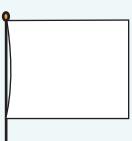
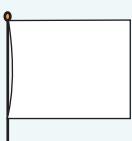
$$4 \times 2 = 8$$

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?

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

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



Teacher: Sign: Date:

11

12

13

14

15

16

17

18

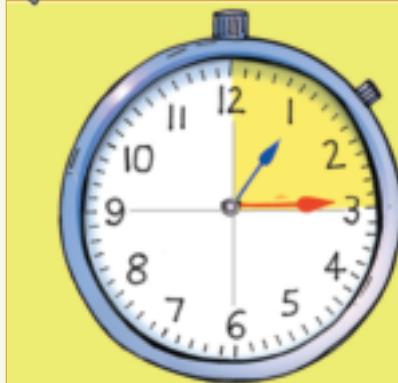
19

20

85a



Ncokola ngewotshi.



Ngumkhono emva

Umhla:

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 _____.

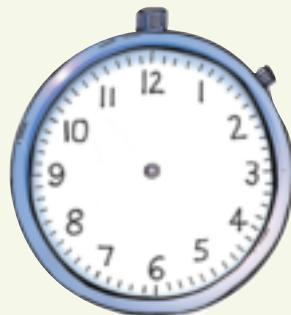
Usiba olude lumi kwimizuzu e _____.

Sithi _____ emva _____.

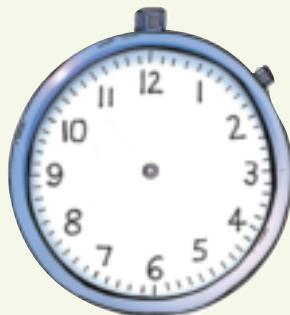


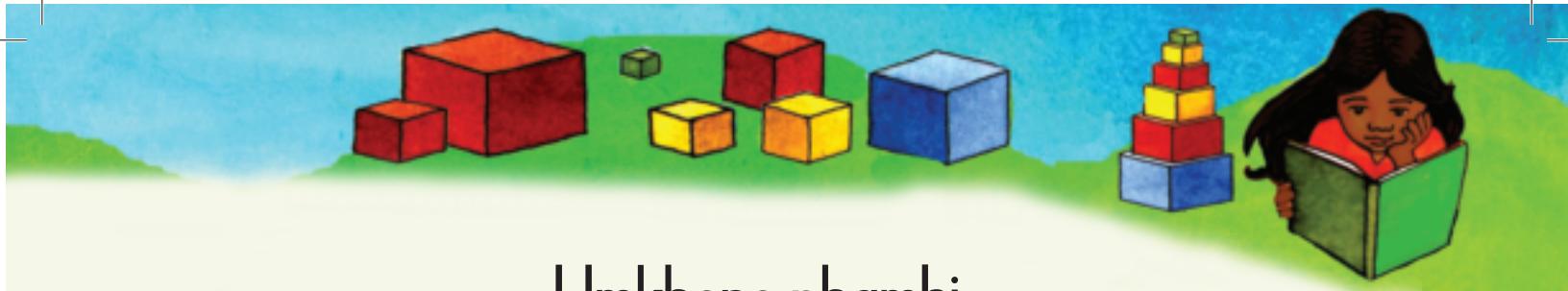
Zoba usiba olude kune nosiba olufutshane.

Ngumkhono emva kweye-8.



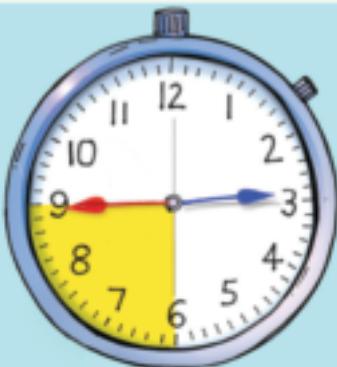
Ngumkhono emva kweye-3.





Umkhono phambi

Ncokola ngewotshi.



Usiba olufutshane lumphambi kwesithathu.

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_____.

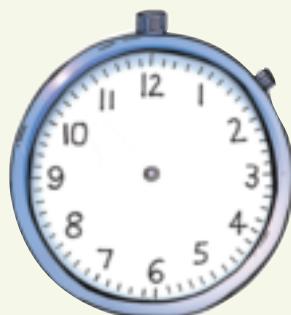
Sithi ngu _____ phambi _____.



Zoba usiba olude kunye nosiba olufutshane.

Ngumkhono phambi kweyesi-4.

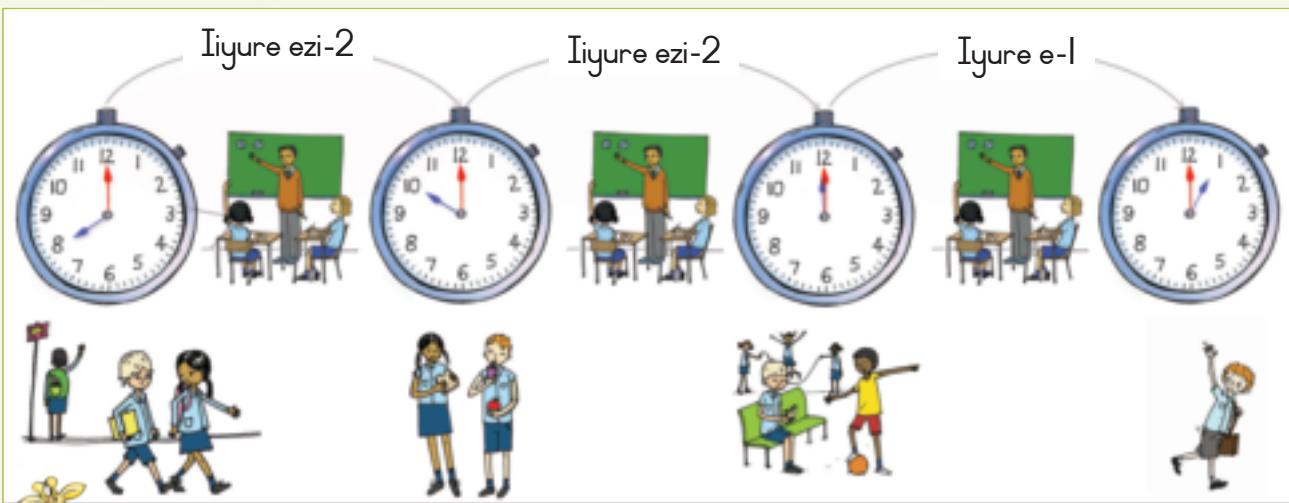
Ngumkhono phambi kweyesi-8.



85b

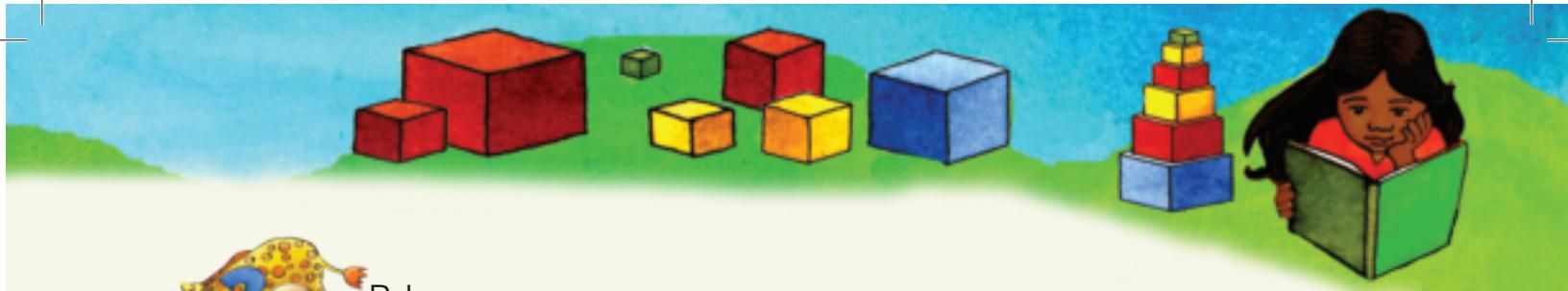
Ixesha liyahamba

Ikota yesi-3



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? _____



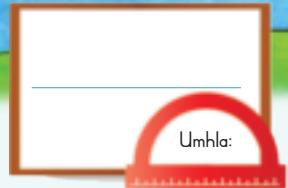
Zoba umfanekiso.

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?

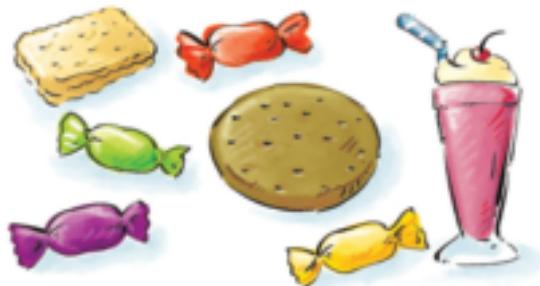




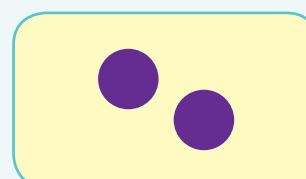
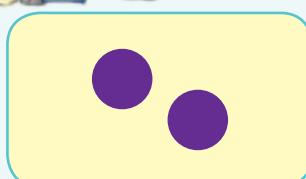
Phinda-phinda kabini

Jonga kumfanekiso wokuqala nowesibini. Kwenzeke ntoni?

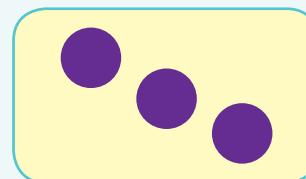
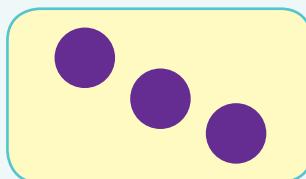
Ikota yesi-3



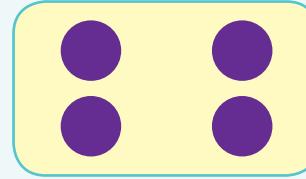
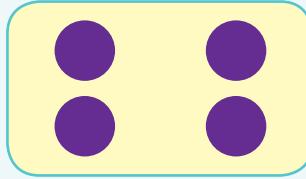
Dibanisa amachokoza, uze ubhale isibalo ngasinye.



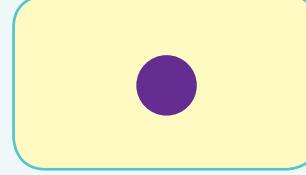
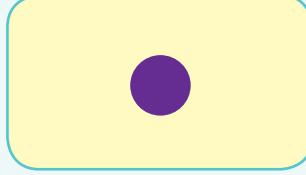
$$\boxed{} + \boxed{} = \boxed{}$$



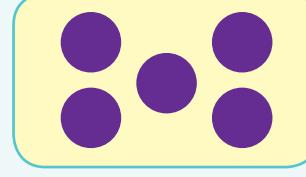
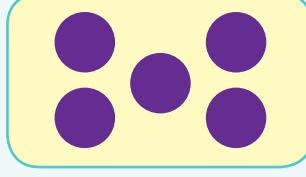
$$\boxed{} + \boxed{} = \boxed{}$$



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



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



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



Sebenzisa imigca-manani ubhale isibalo.



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



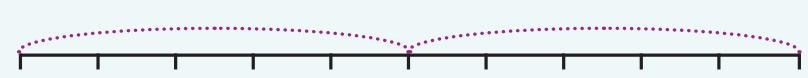
$$\boxed{} + \boxed{} = \boxed{}$$



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



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



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



Phinda-phinda kabini oku kulandelayo:

Phinda-phinda
u-1 kabini

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

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

Phinda-phinda ezi-2
kabini

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

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

Phinda-phinda ezi-3
kabini

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

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

Phinda-phinda ezi-4
kabini

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

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

Phinda-phinda ezi-5
kabini

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

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



2 4 6 8 10 12 14



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

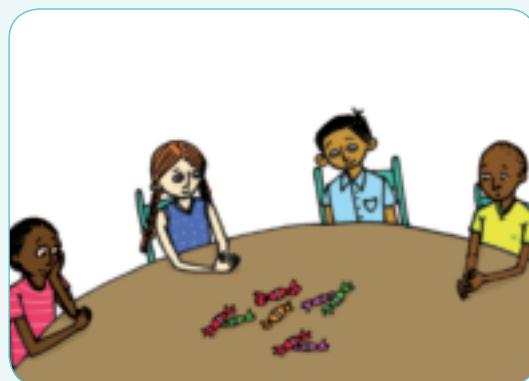
87



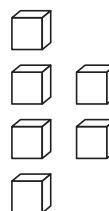
Ukuphinda kabini nokwahlula kubini

Ikota yesi-3

Jonga le mifanekiso mibini. Zenzele elakho ibali.



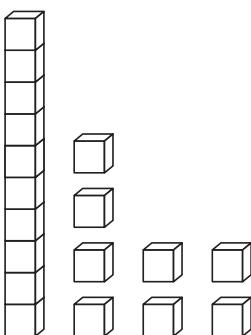
Bala izinto ezikhoyo uze ufakele umbala kwisiqingatha sazo.



Bala



Isiqingatha



Bala

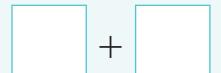


Isiqingatha



Gqibeza oku uze uzobe umfanekiso.

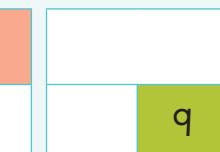
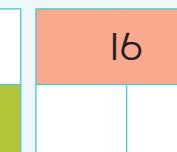
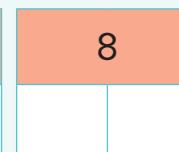
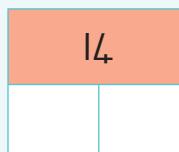
I-12 eliphindwe kabini likunika



+



Gqibeza:



2

9



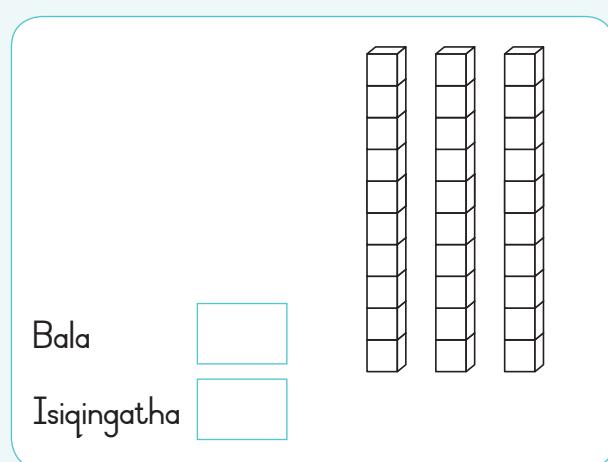
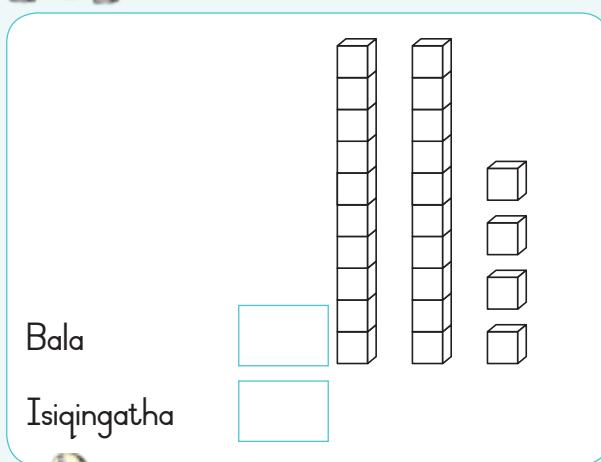
Jonga le mifanekiso mibini. Zenzele ibali lakho.



Kukho iilekese ezili-10 engxoweni.



Bala izinto ezikhoyo uze ufakele umbala kwisiqingatha sazo.



Gqibeza oku uze uzobe umfanekiso.

I-16 eliphindwe
kabini likunika

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



Gqibeza:

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

Teacher:
Sign:
Date:

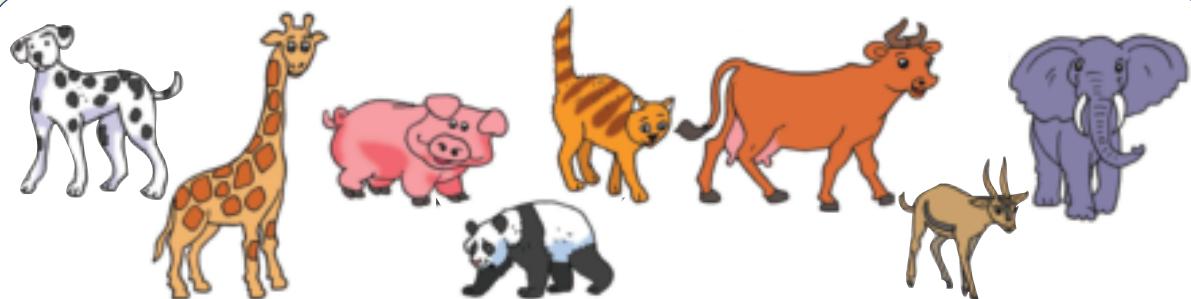
Okunye ukuphinda-phinda

Ikota yesi-3

Zonke ezi zilwanyana zinemilenze emi-4.

Zonke ezi zilwanyana zinamehlo ama-2.

Umhla:



Mangaphi amanqina akulo
mfanekiso ewonke?

Zingaphi iindlebe ezikulo
mfanekiso zizonke?



Jonga emfanekisweni uze ugqibezele oku kulandelayo:

Izinja

$$\boxed{} \times \boxed{} = \boxed{}$$

Inani Amanqina
lezinja esilwanyana ngasinye

$$\boxed{} \times \boxed{} = \boxed{}$$

Inani Amehlo
lezinja esilwanyana ngasinye

Izilwanyana
zasendle

$$\boxed{} \times \boxed{} = \boxed{}$$

Inani Imilenze yesilwanyana
lewilwanyana ngasinye

$$\boxed{} \times \boxed{} = \boxed{}$$

Inani Iindlebe zesilwanyana
lewilwanyana ngasinye



Gqibezela:

4	8	12							
---	---	----	--	--	--	--	--	--	--

40	36	32							
----	----	----	--	--	--	--	--	--	--



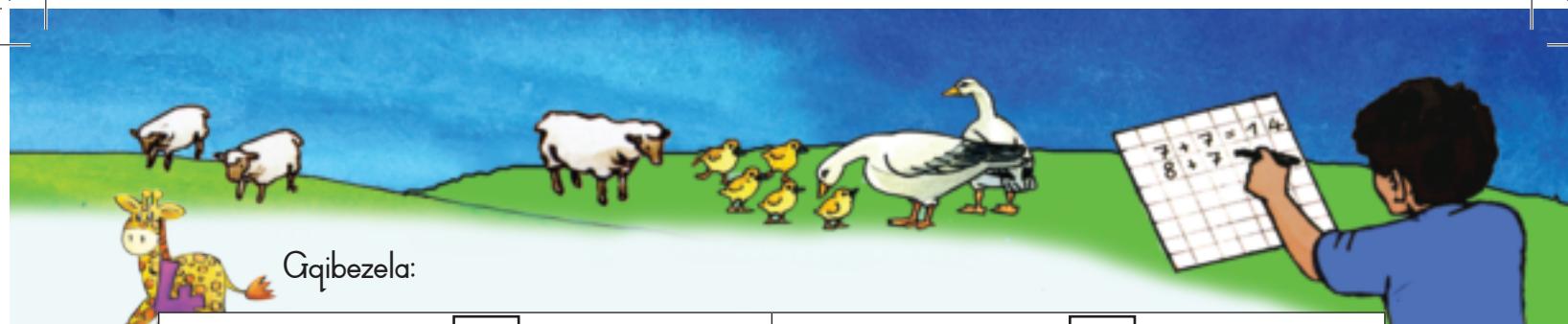
Gqibezela:

$$5 \times \begin{array}{c} \text{apple} \\ \text{apple} \\ \text{apple} \end{array} = \boxed{} \text{ ama-apile}$$

$$4 \times \begin{array}{c} \text{banana} \\ \text{banana} \\ \text{banana} \\ \text{banana} \end{array} = \boxed{} \text{ iibhanana}$$

$$6 \times \begin{array}{c} \text{banana} \\ \text{banana} \\ \text{banana} \end{array} = \boxed{} \text{ iibhanana}$$

$$7 \times \begin{array}{c} \text{apple} \\ \text{apple} \\ \text{apple} \end{array} = \boxed{} \text{ ama-apile}$$



Gqibezela:

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

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

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

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

$$= 40 + 16$$



$$= 56$$

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

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

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

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

$$= \begin{array}{r} \boxed{} \\ + \quad \boxed{} \end{array}$$

$$= \boxed{}$$



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.

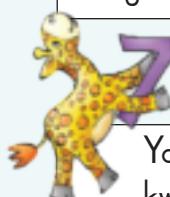
Yaba iipenisile ezingama-22 phakathi kwabantwana aba-4 ngokulinganayo.

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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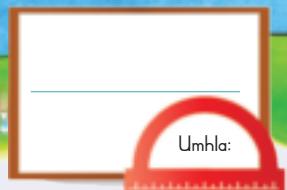
17

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89



Iipatheni zamanani

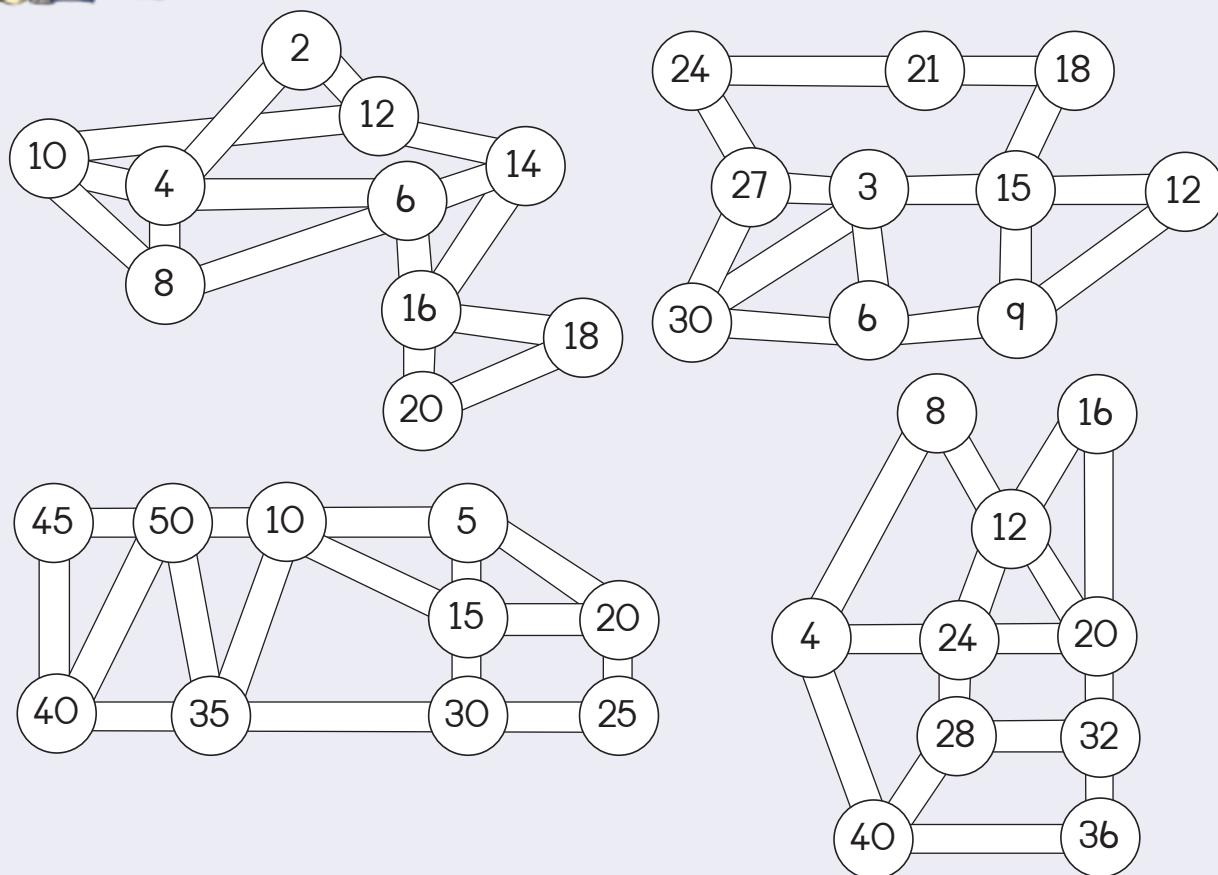
Ikota yesi-3



Iza kuba leliphi inani kwigqabi elilandelayo?



Chonga ipatheni. Zoba indlela, qala ngelona nani lincinci.



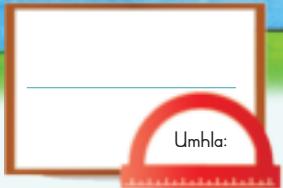


Zoba amasiba kwezi wotshi uze ugqibezele ipatheni yamaxhesha.

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	_____	_____

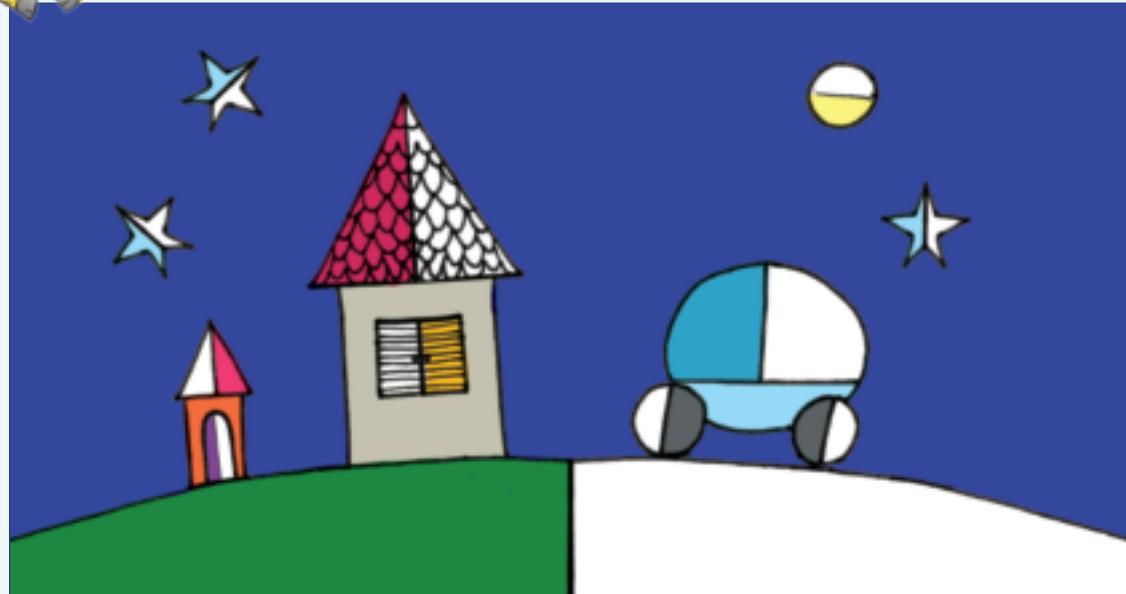


90



Amaqhezu – iziqingatha (iihafu)

Jonga umfanekiso. Faka umbala ofanayo kwezinye iziqingatha.

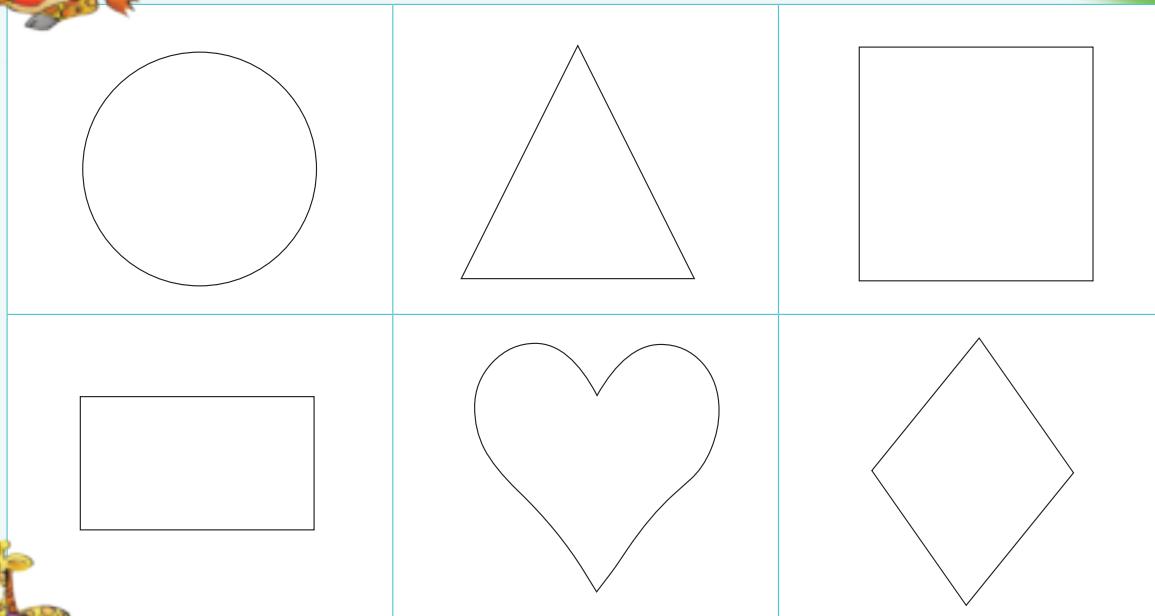


Jonga emfanekisweni. Phawula iimilo ezibonisa iziqingatha.

Fakela umbala kwisiqingatha semilo nganye eyahlulwe yaziziqingatha.



Fakela umbala kwisiqingatha semilo nganye.



Faka umbala kwisiqingatha sezilwanyana kwibloko nganye.



isiqingatha isiqingatha

Teacher: _____
Sign: _____
Date: _____

q



Amaqhezu – ezinye iziqingatha



Jonga emfanekisweni. Limele ntoni eli nani?

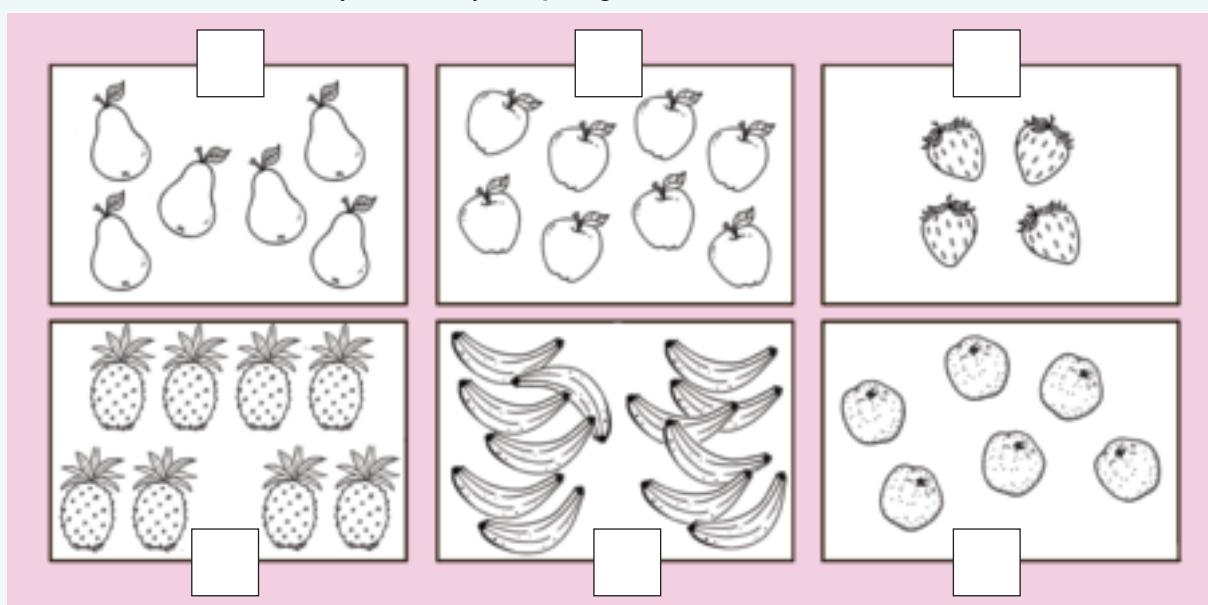
Ikota yesi-3

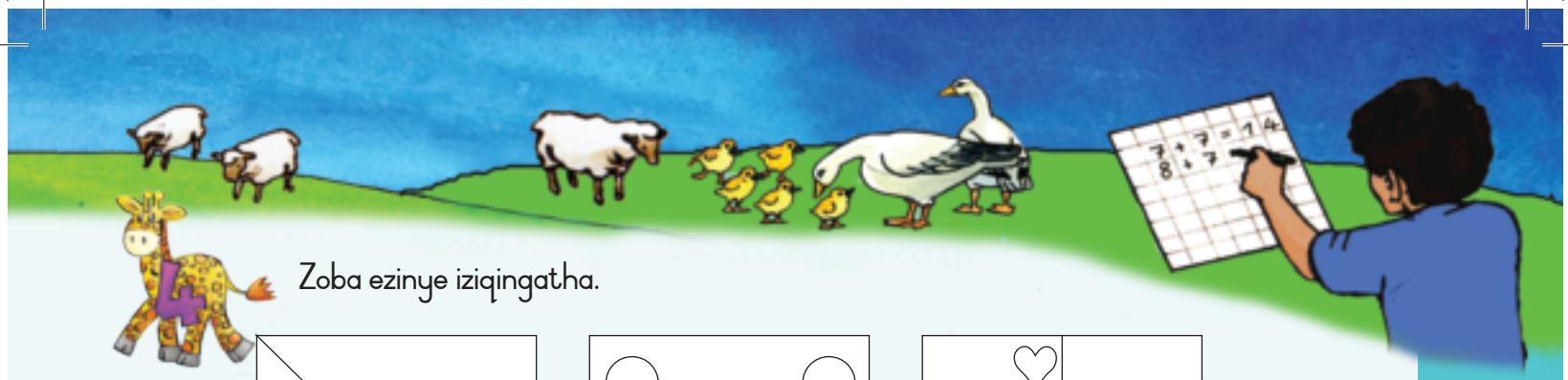


Isiqingatha sama-apile asemthini .

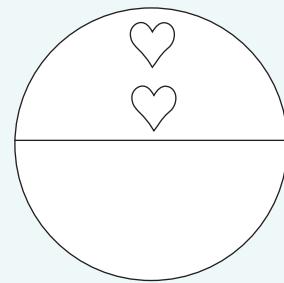
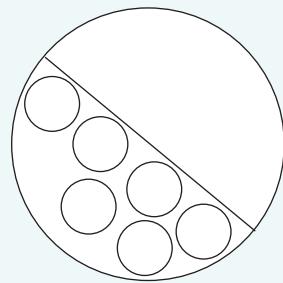
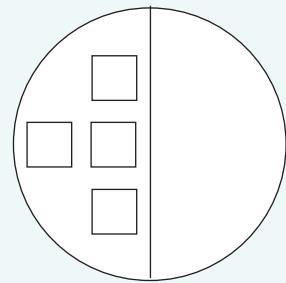
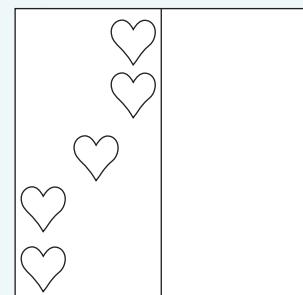
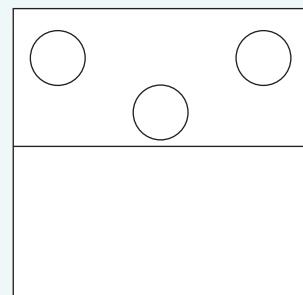
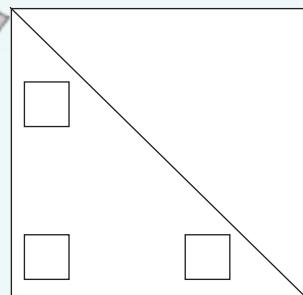


Fakela umbala kwisiqingatha seziqhamo kwiqela ngalinye. Ngubani isiqingatha senani leziqhamo kwiqela ngalinye?

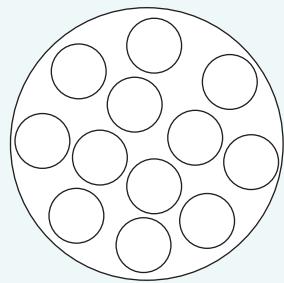
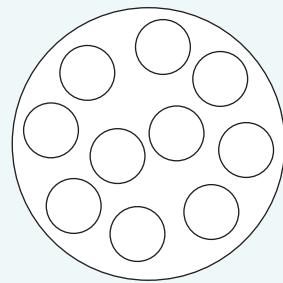
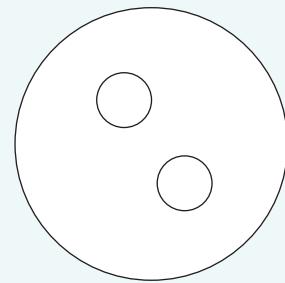
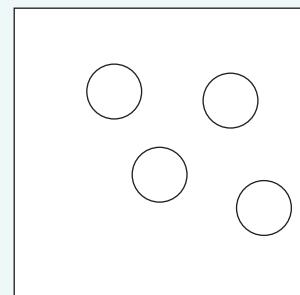
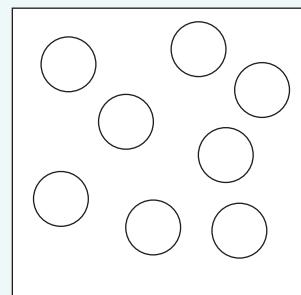
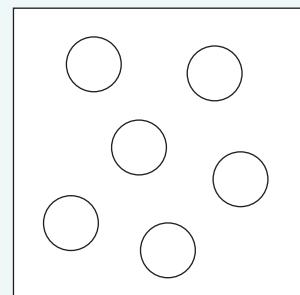




Zoba ezinye iziqingatha.



Faka umbala kwisiqingatha sezi milo.



isiqingatha iziqingatha



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q2



Indawo nembonakalo

Ikota yesi-3

Ime phi le ntaka? La magama aza kukunceda.



Imbonakalo yangaphambili yesakhwiwo.



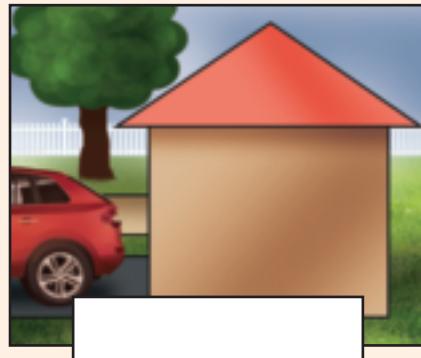
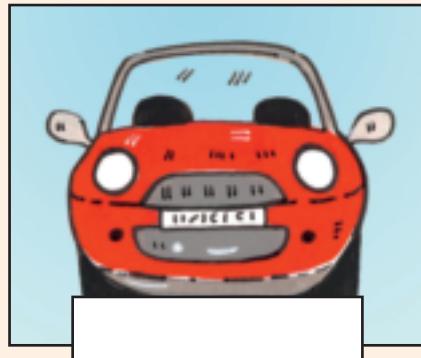
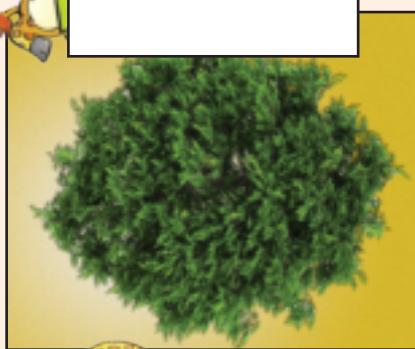
Imbonakalo yasecaleni yesakhwiwo.



Imbonakalo yangaphezulu yesakhwiwo.



Ebeme phi lo mntu xa ebebona oku?

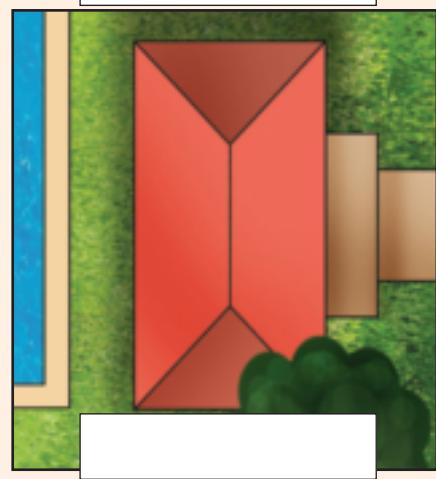
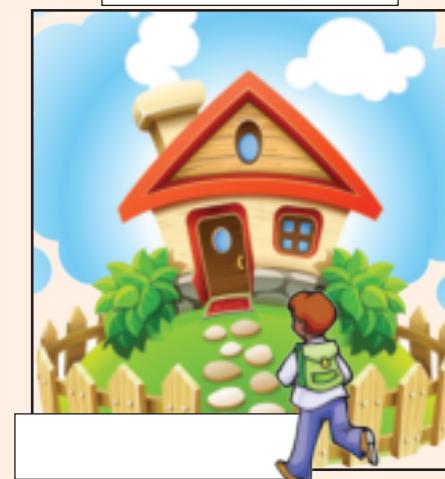
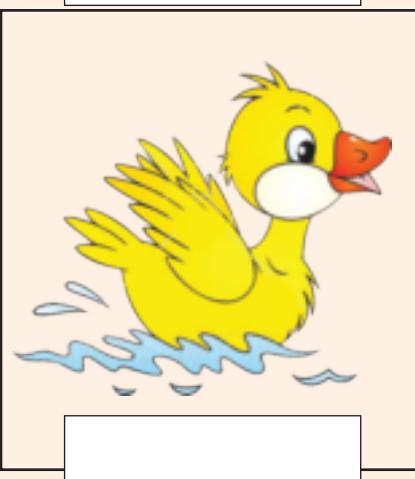


Bhala la magama emfanekisweni. Ubona ntoni lo mntu?

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



Yenza lo msebenzi:

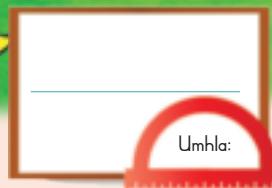
- Jonga izinto ezimbini ngamehlo omabini. Ubona ntoni?
- Vala elinye iliso ngesandla sakho, ubona ntoni ke ngoku?



ukude

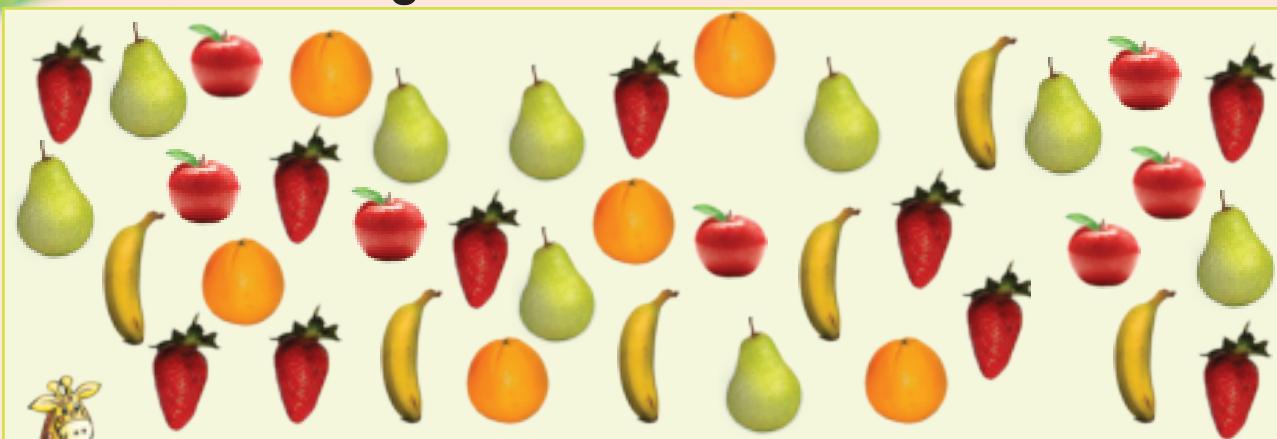


q3

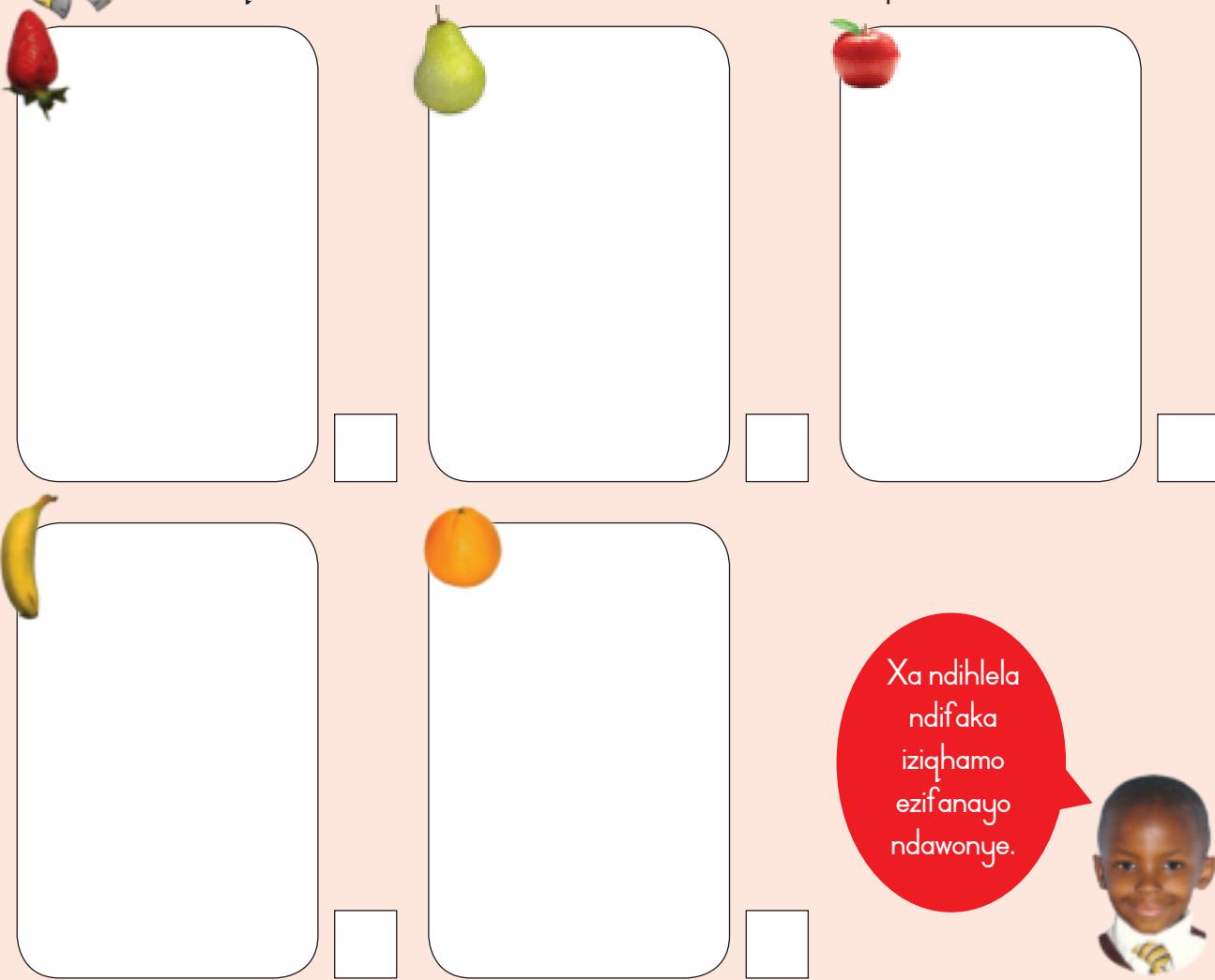


Ezinye iinkukacha kwakhona

Ikota yesi-3



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



Xa ndihlela
ndifaka
iziqhamo
ezifanayo
ndawonye.

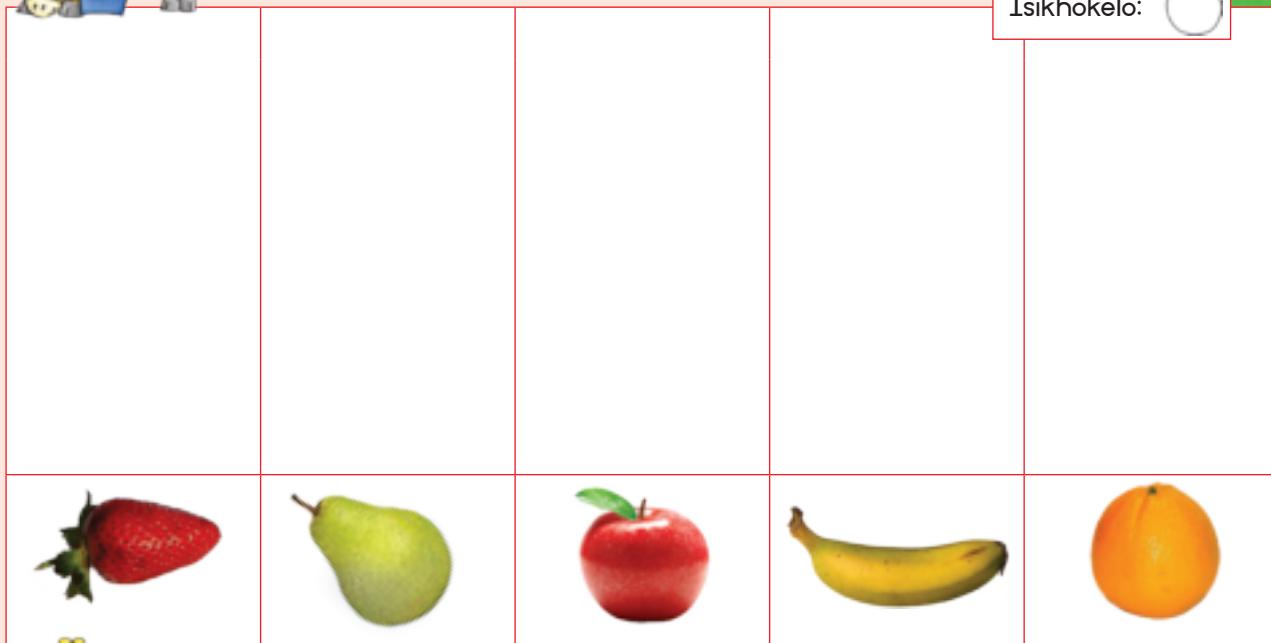




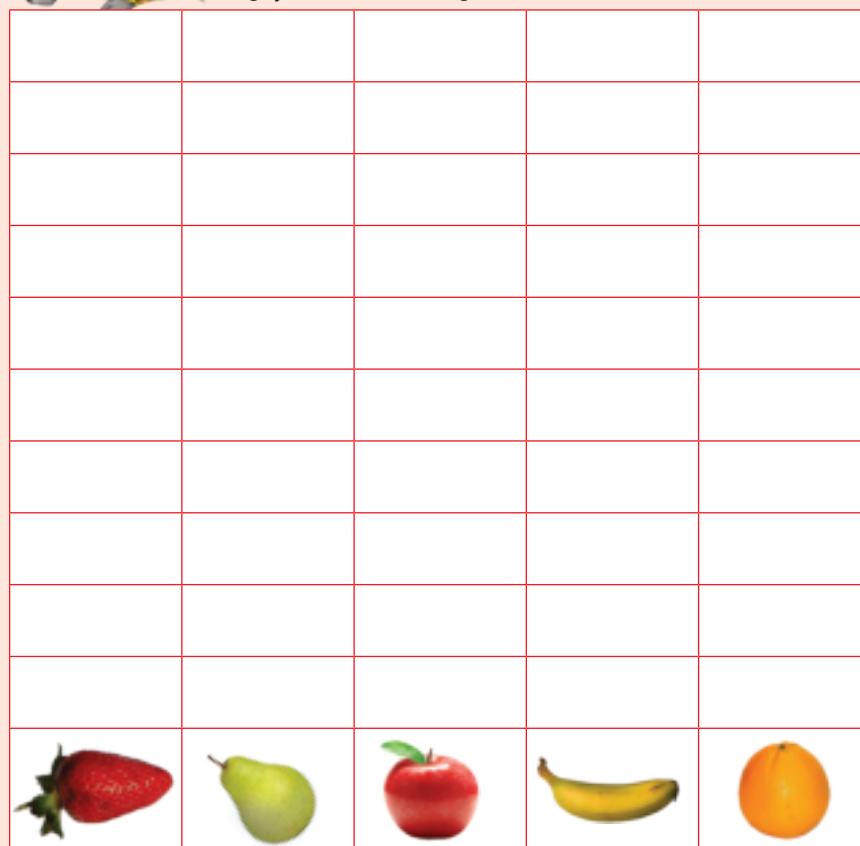
Zoba umfanekiso obonisa iziqhamo zakho ezhleliweyo.



Isikhokelo:



Sebenzisa ulwazi olukumfanekiso ongentla uze
ugqibezele le bhagrafu.



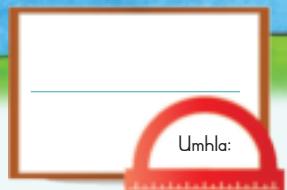
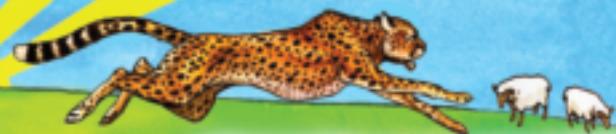
Phendula le mibuzo:

Sesiphi isiqhamo esisifumana
kakhulu?

Sesiphi esona siqhamo sisifumana
kancinci?



q4a



Amaqhezu – iikota



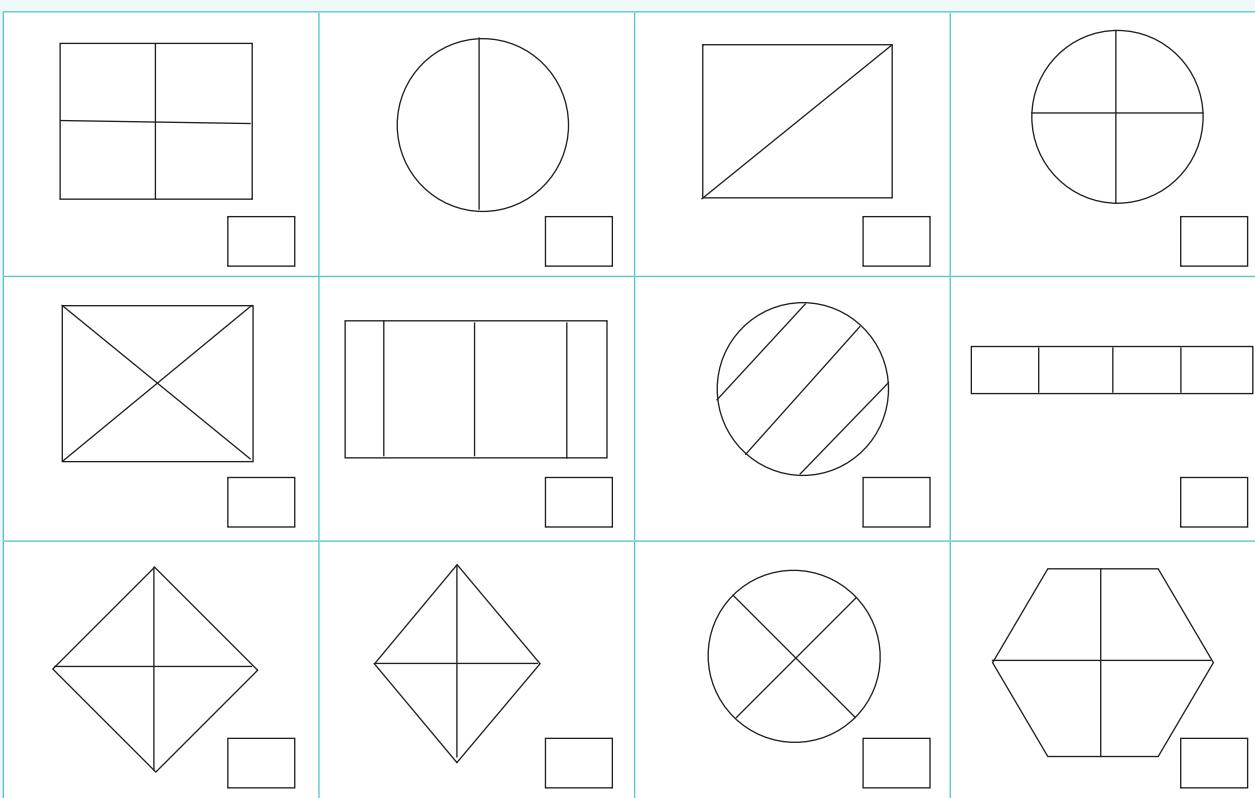
Fakela umbala ofanayo kwikota yokuggibela.

Iikota yesi-3



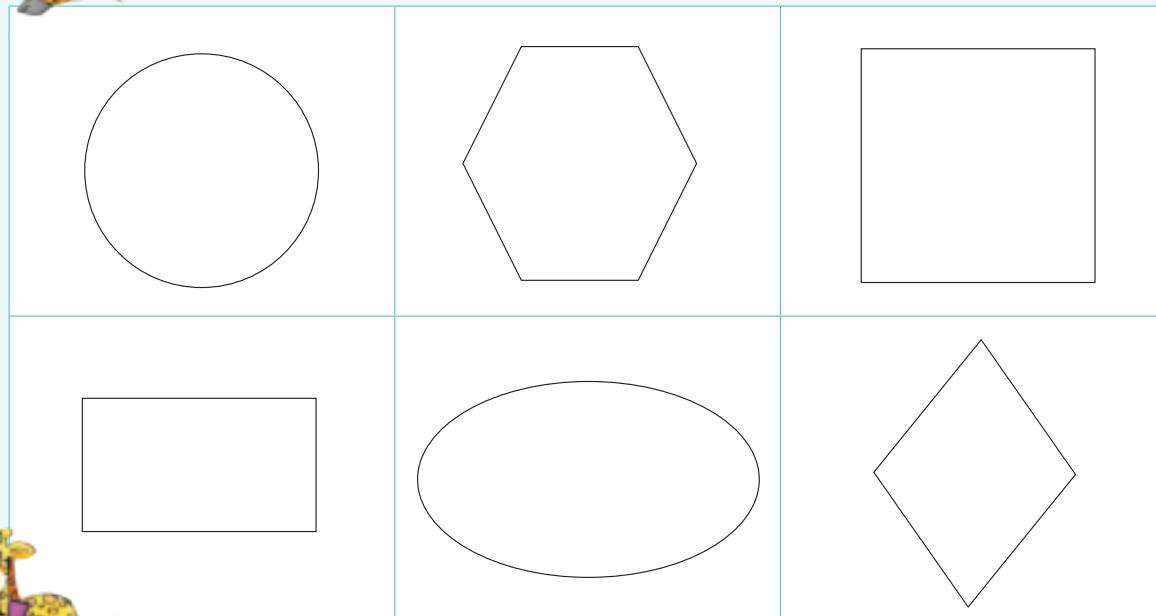
Phawula iimilo ezibonisa iikota.

Fakela umbala kwikota yemilo nganye eyahlulwe yazikota.

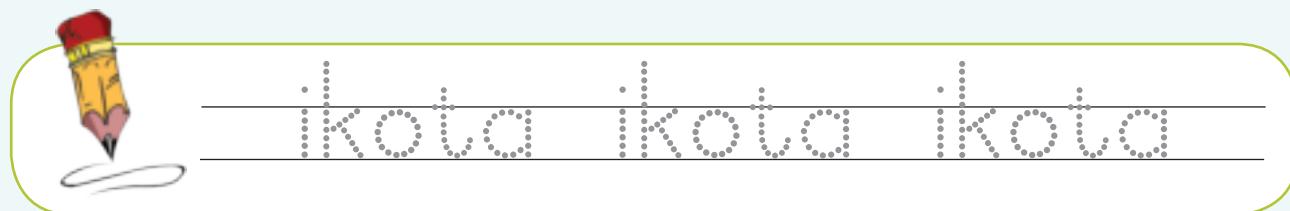
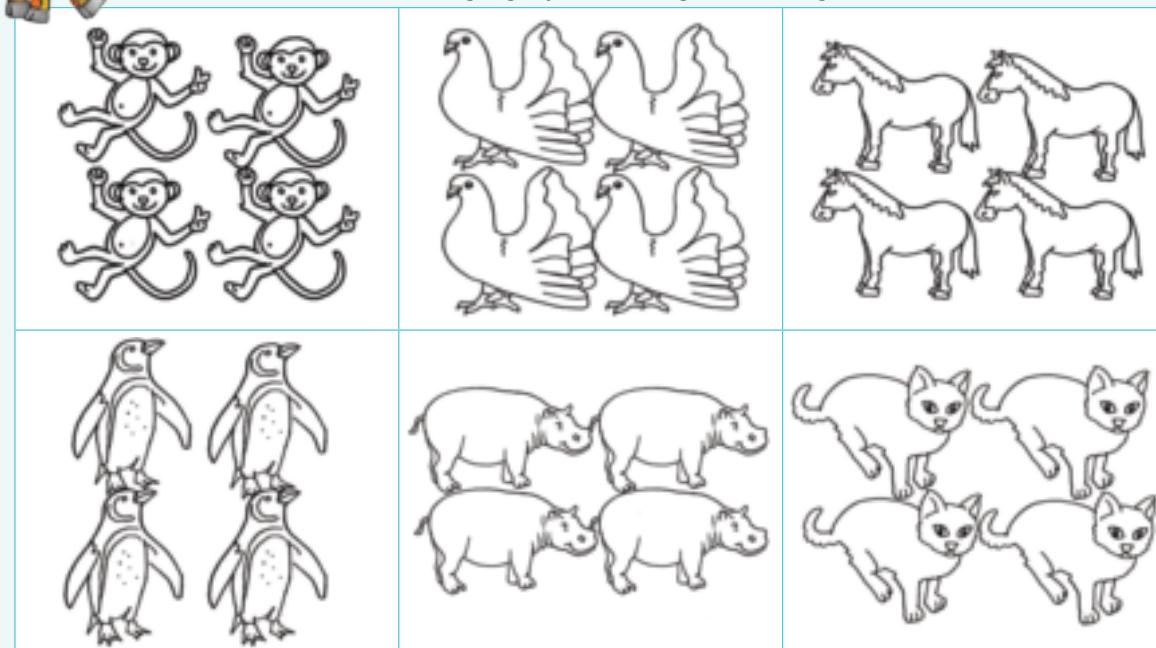




Fakela umbala kwikota yemilo.

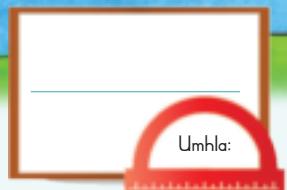


Fakela umbala kwikota enye yeqela ngalinye lezilwanyana.



Teacher:
Sign:
Date:

94b



Amaqhezu – ezinye iikota

Fakela umbala ofanayo kwikota yokugqibela.

Ikota yesi-3



Phendula:

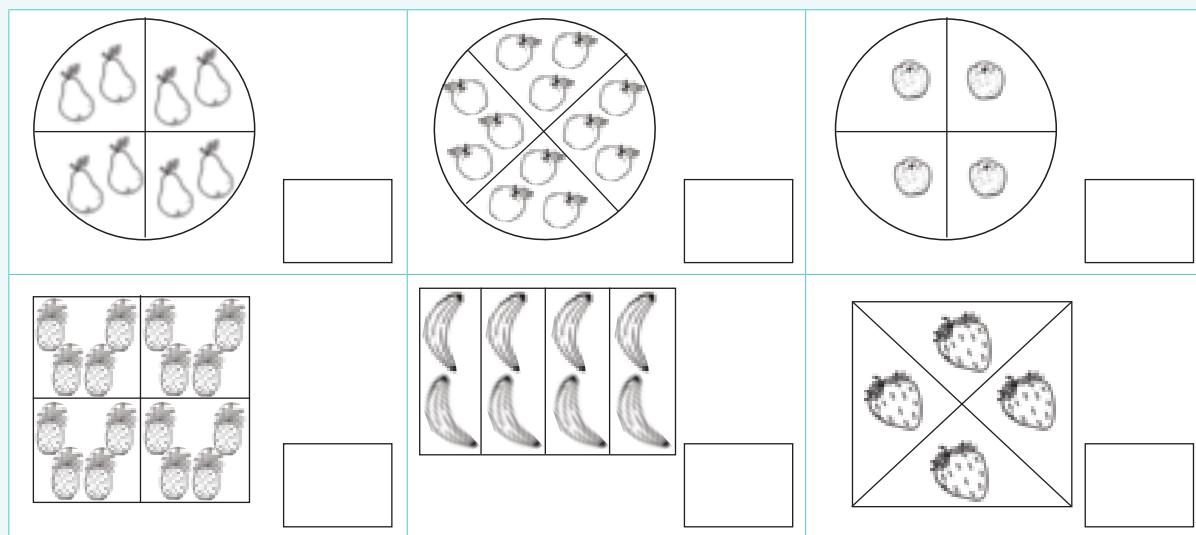
Ikota yamapere asemthini _____.

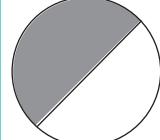
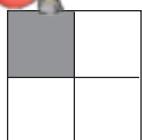
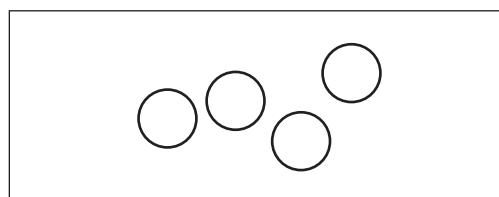
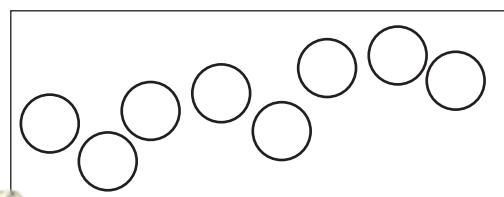
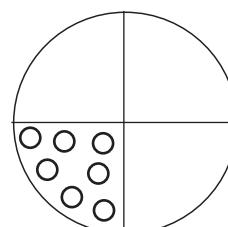
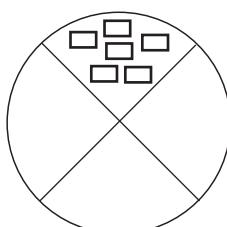
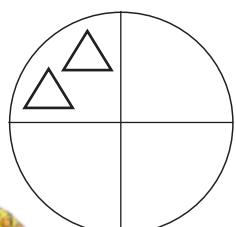
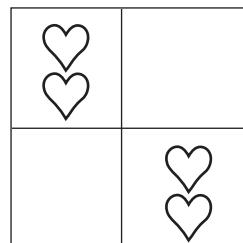
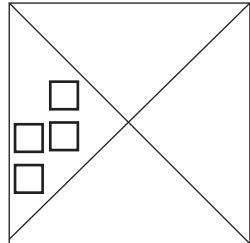
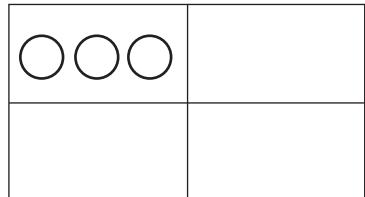
Ikota yama-apile asemthini _____.

Ikota yeeorenji ezesemthini _____.

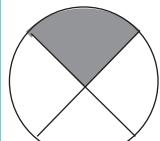
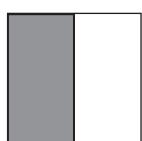


Faka umbala kwi- $\frac{1}{4}$ yeziqhamo kwiqela ngalinye. Xela ikota yenani
leziqhamo kwiqela ngalinye.





isiqingatha



ikota



Teacher: _____
Sign: _____
Date: _____

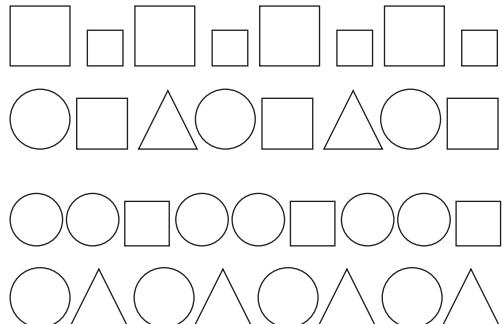
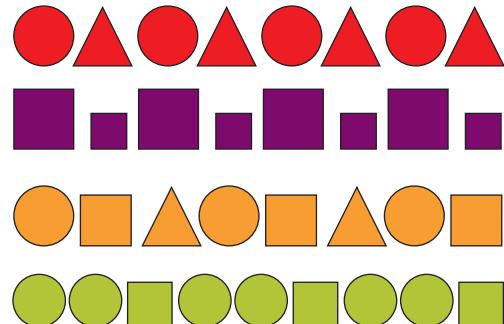
95

Tshatisa iipatheni.

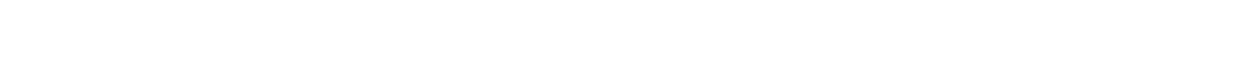
Iipatheni zejometri

Umhla:

Ikota yesi-3



Khuphela le patheni ilandelayo.

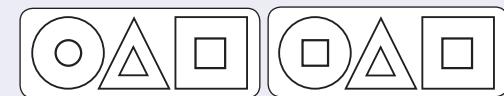




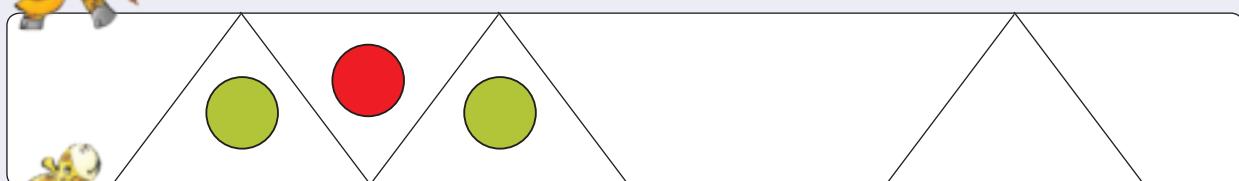
Fakela umbala kwipatheni elandelayo.



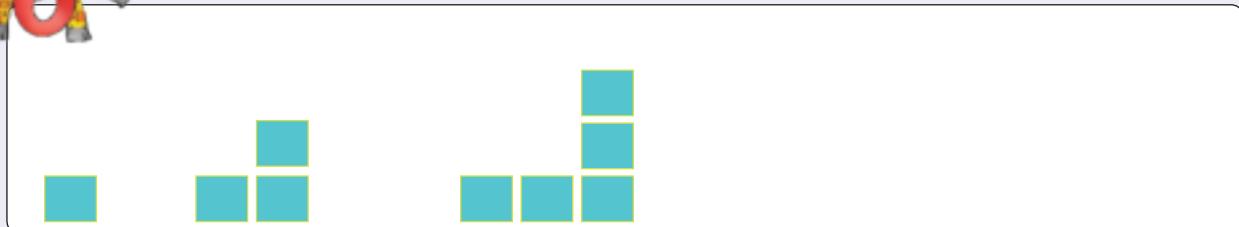
Zoba ipatheni elandelayo.



Yandisa ipatheni.



Zoba ipatheni elandelayo.

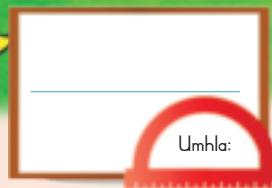


Zoba eyakho ipatheni.



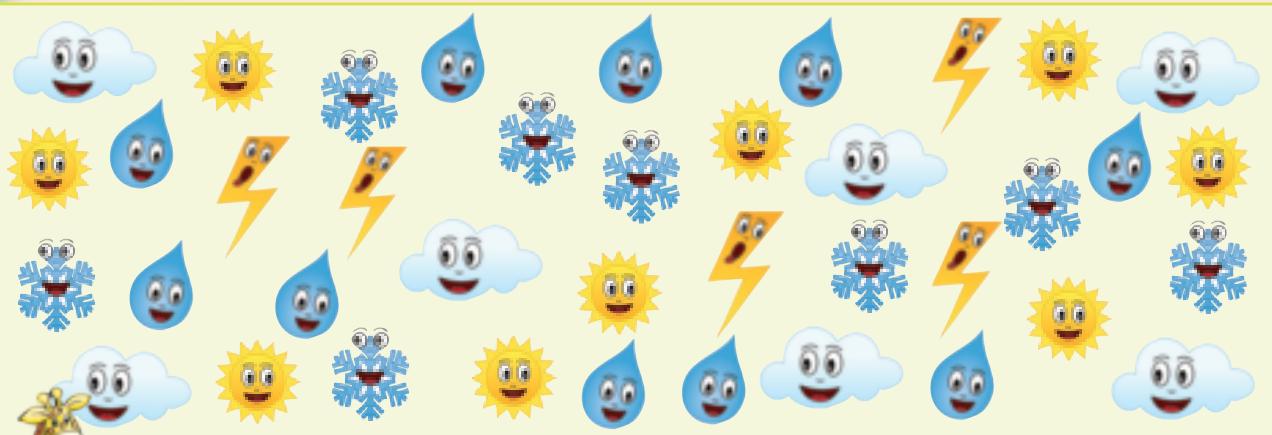
Teacher:
Sign:
Date:

q6

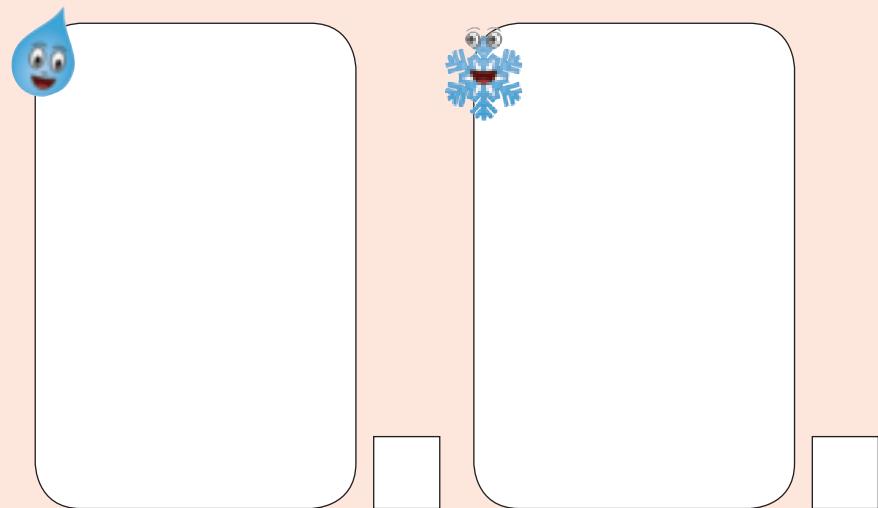
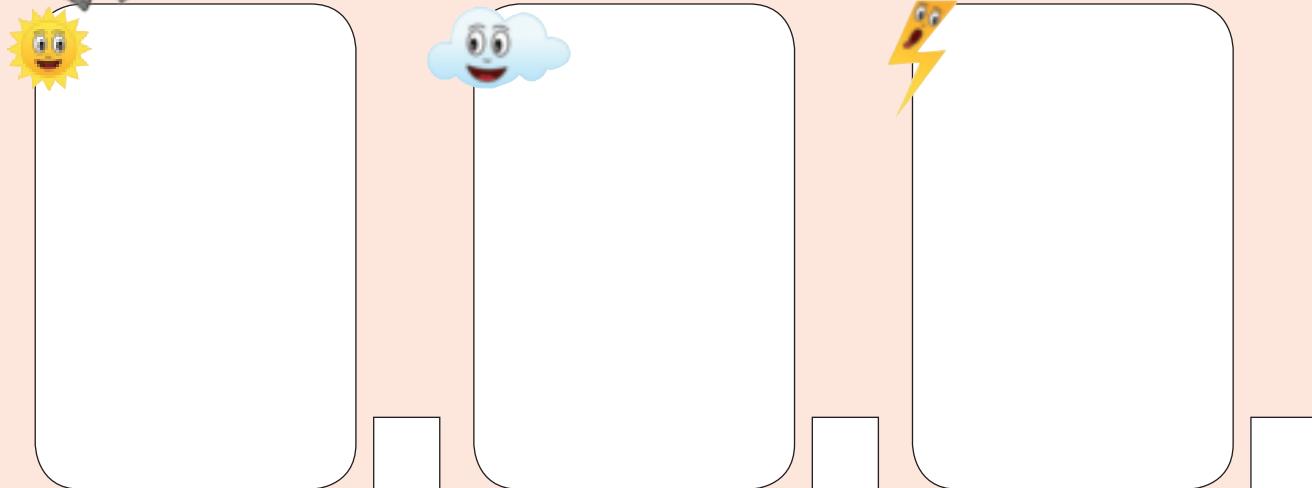


Ukuhlela iinkcukacha

Ikota yesi-3



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?



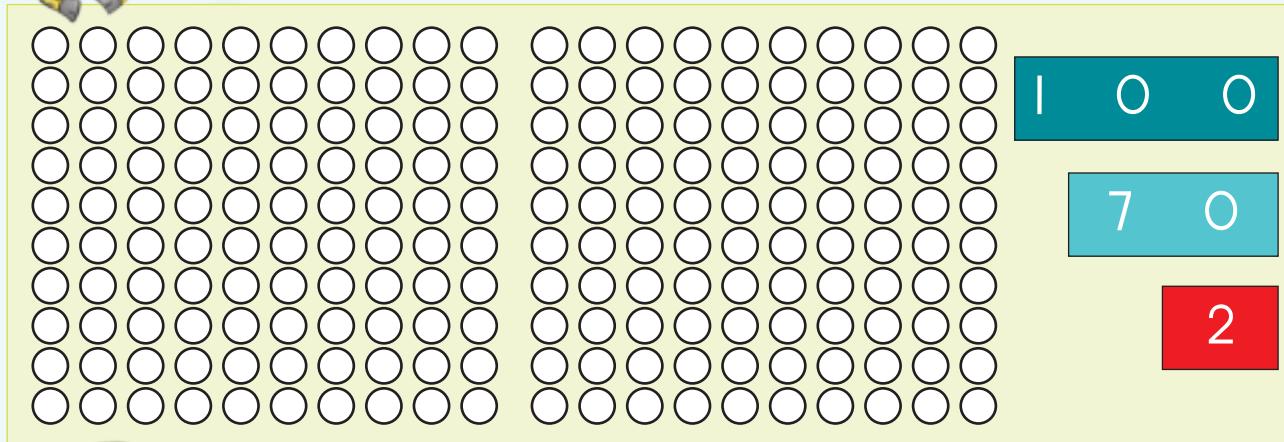
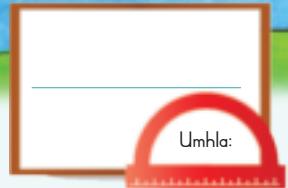
q7

Amanani | 50–180

Ikota yesi-4



Faka umbala kwizangqa ezili-172.



Bhala isivakalisi-manani souk:

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 5 \ 0 \\ \hline 158 \end{array}$$

$100 + 50 + 8$



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

=

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 7 \ 0 \\ \hline 2 \end{array}$$

=

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

=

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 6 \ 0 \\ \hline 7 \end{array}$$

=

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

=



Ngawaphi amanani aphakathi:

kwe-150 ne-158 _____

kwe-172 ne-177 _____

kwe-180 ne-175 _____

kwe-160 ne-155 _____

kwe-165 ne-160 _____

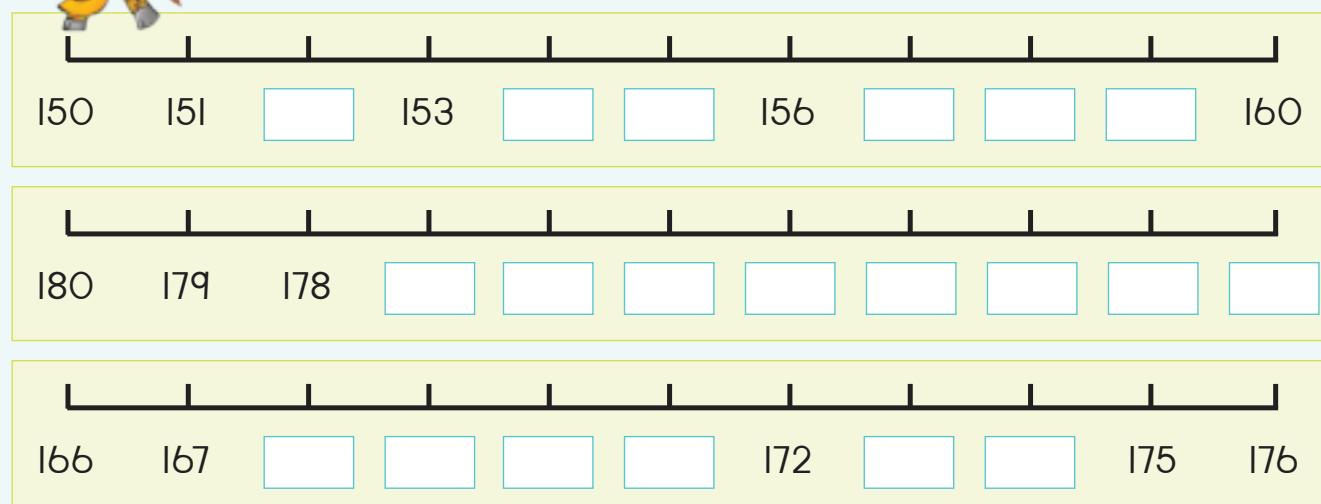


Bhala amanani abe mabini amancinci kunge namanani abe mabini amakhulu kunenani olinikiwewo.

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: _____

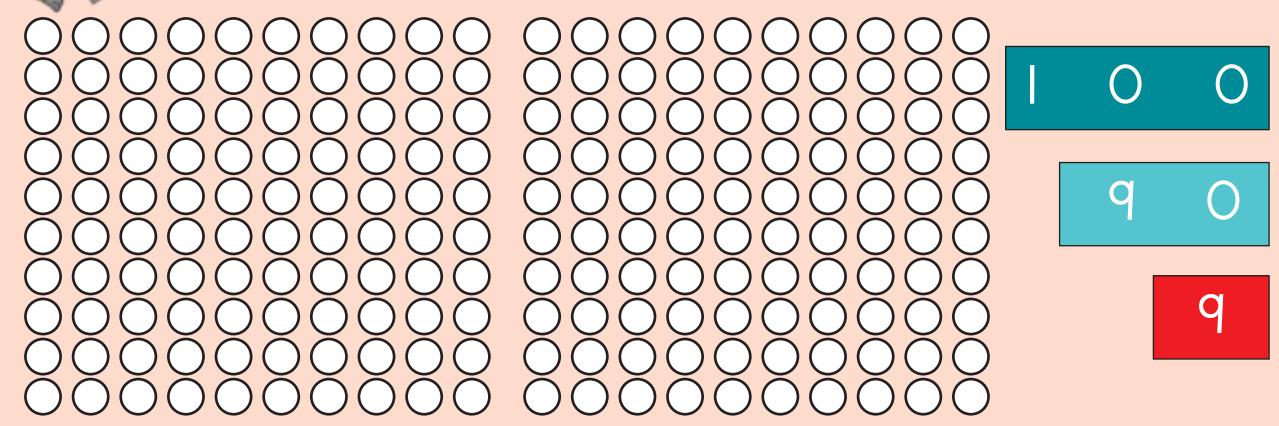
q8



Amanani l70–l99

Faka umbala kwizangqa ezili-lqq.

Ikota yesi-4



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:

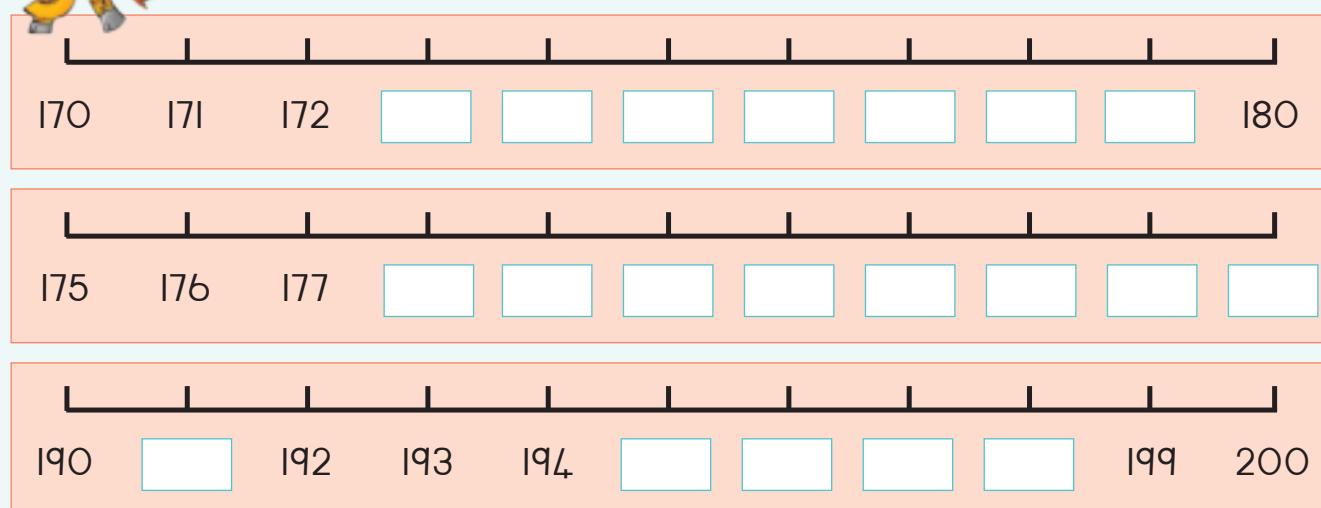


Nika amanani abe mabini amancinane kanye namanani abe mabini amakhulu kunenani olinikiweyo.

Ncinane	Inani	Khulu
	170	
	198	
	185	
	174	
	181	



Gaqibezela le migca-manani.

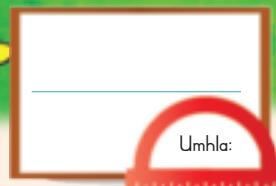


Sika amanani amathathu aphakathi kwe-170 kanye nama-200 kwimagazini okanye kwiphephandaba. Wancamathelese alandelelane uqale ngelona likhulu uye kwelona lincinane.



Teacher: _____
Sign: _____
Date: _____

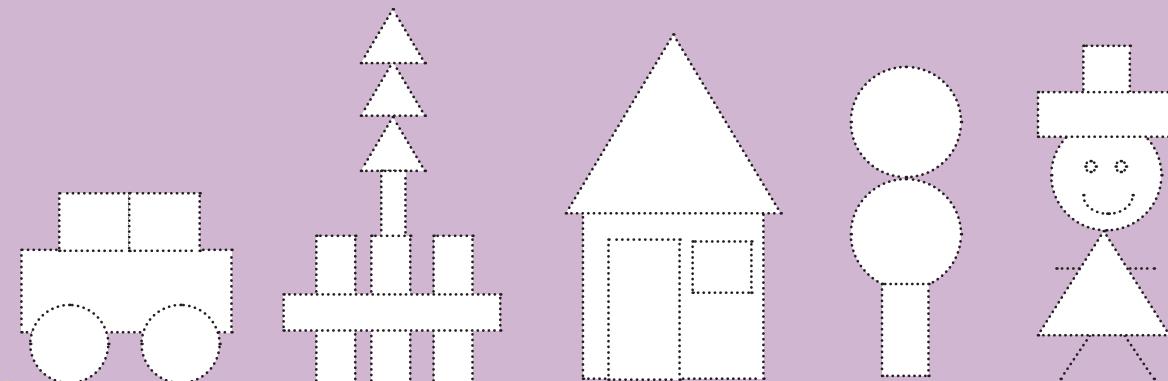
qq



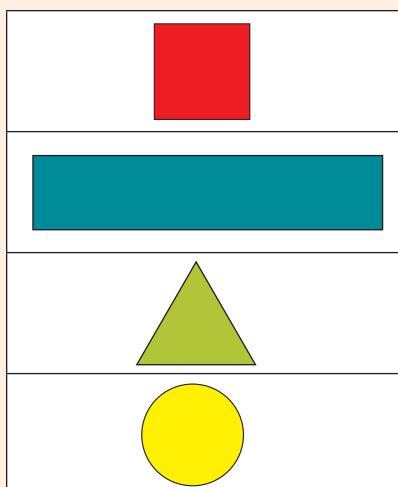
Iimilo ezingu-2-D

Ikota yesi-4

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

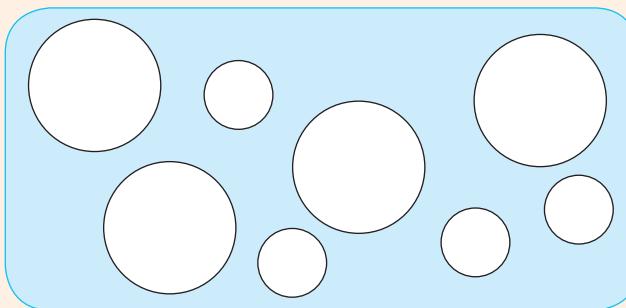


Beka igama kwimilo echanekileyo.



Fakela umbala:

- Obomvu kwizangqa ezikhulu
- Omthubi kwizangqa ezincinci



unxantathu

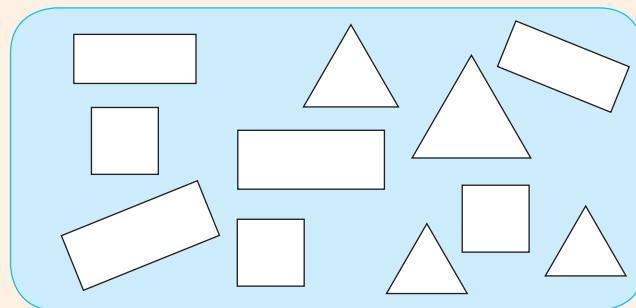
isangqa

isikwere

uxande

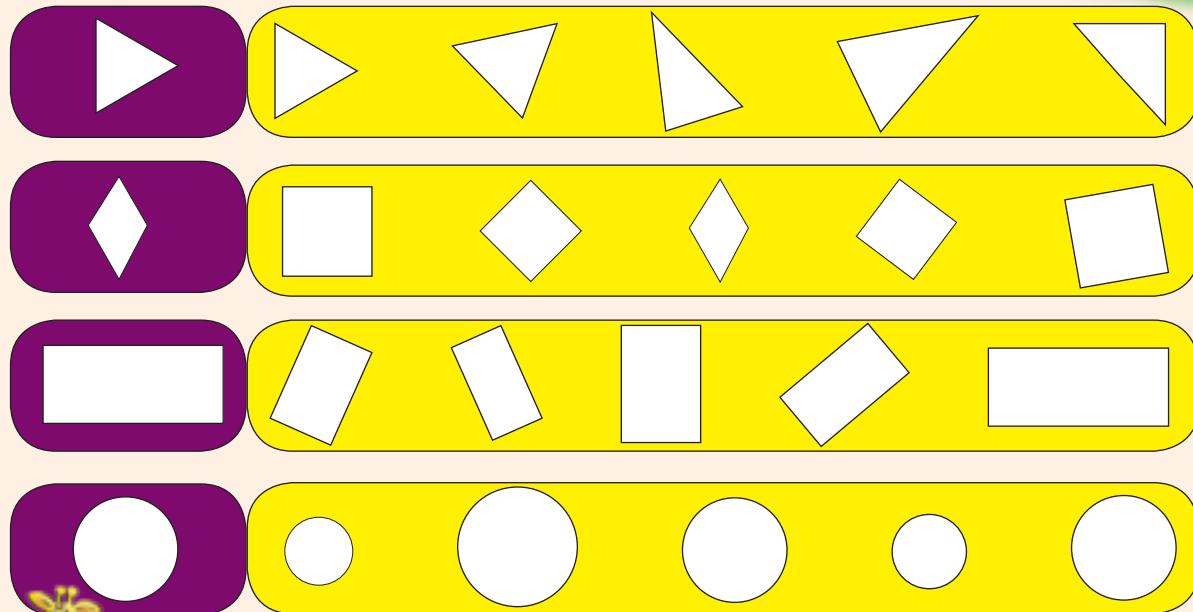
Fakela umbala:

- 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.



Teacher: _____
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Date: _____

100



Ikota yesi-4

Amanani 0–200

Mangaphi amanani ahlukeneyo onokuwenza?

100	40	2
q	50	100
20	1	70
	8	



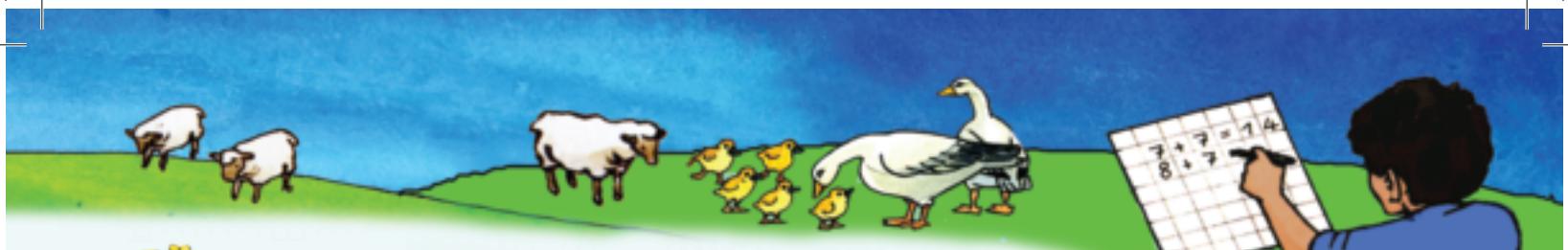
Gqibezela:

$100 + 40 + q =$ <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.

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



Dibana:

$60 + 4 = \boxed{}$

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

$90 + 8 = \boxed{}$

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

$40 + 7 = \boxed{}$

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

$30 + 6 = \boxed{}$

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

$50 + 2 = \boxed{}$

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

Fakela inani elinge khoyo:

$70 + \boxed{} = 71$

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

$30 + \boxed{} = 38$

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

$60 + \boxed{} = 69$

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

$20 + \boxed{} = 24$

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

$80 + \boxed{} = 85$

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



Yenza ezakho izibalo usebenzise amakhulu, amashumi kanye nemivo.

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

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



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



Teacher:
Sign:
Date:

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Ukudibanisa kunye nokuthabatha

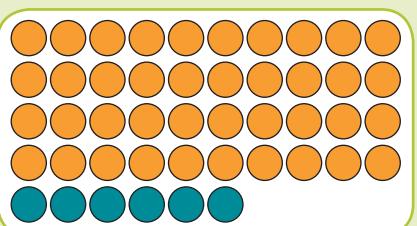
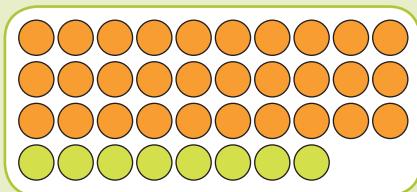


Jonga ibhodi yamanani kunye namaso. Ncokola ngayo.

Umhla:

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

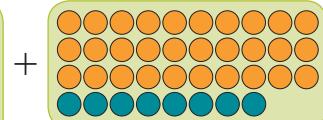
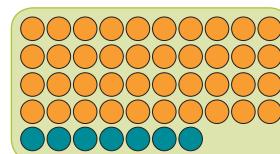


Dibanisa okanye thabatha amaso.

$ \begin{array}{l} 50 \quad 5 - 30 \quad 6 \\ = 40 + 15 - 30 - 6 \\ = 10 + 9 \\ = 19 \end{array} $	$ \begin{array}{l} \quad \quad - \quad \quad \\ = \quad + \quad - \quad \\ = \quad + \quad \\ = \quad \end{array} $
$ \begin{array}{l} \quad \quad + \quad \quad \\ = \quad + \quad + \quad \\ = \quad + \quad + \quad + \quad \\ = \quad + \quad \\ = \quad \end{array} $	$ \begin{array}{l} \quad \quad + \quad \quad \\ = \quad + \quad + \quad \\ = \quad + \quad \\ = \quad \end{array} $

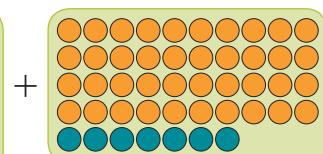
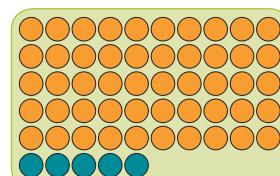


Qikelela uze ubale.



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?



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Ukudibanisa nokwahlula kwakhona

Umhla:

Ikota yesi-4

Jonga iabkhaksi engasekhohlo nengasekunene. Ubona ntoni?

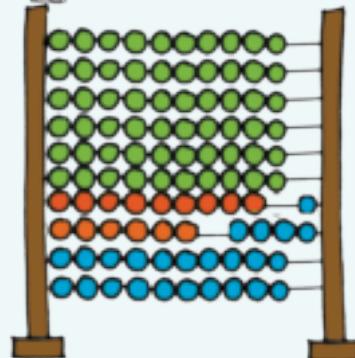
2 0 8
3 0 7 =
6 0 5

Dibanisa amanani amabini.

Zenza ntoni?

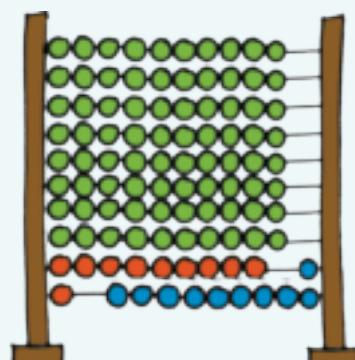


Bhala isibalo esidibarisayo nesithabathayo. Sibale.



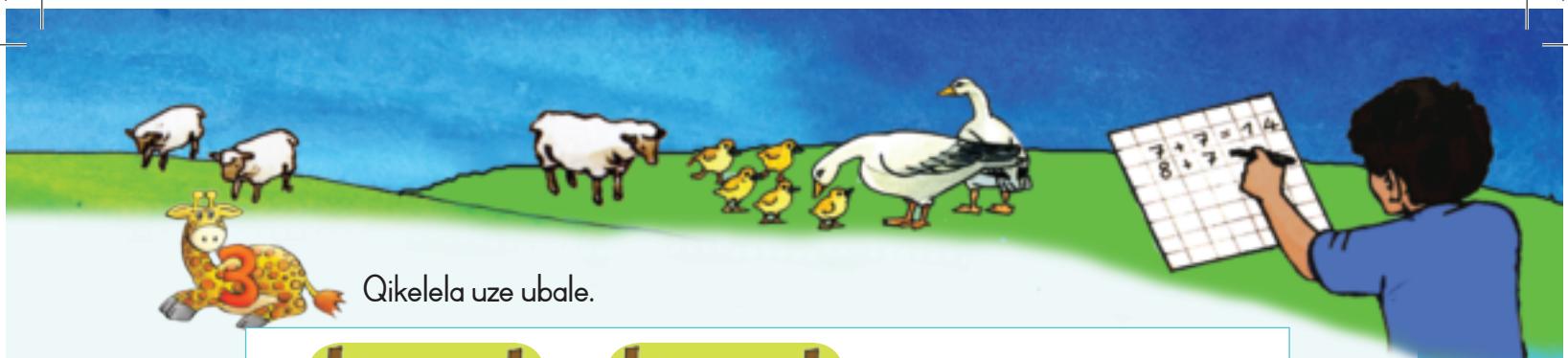
Isibalo esidibarisayo

Isibalo esithabathayo

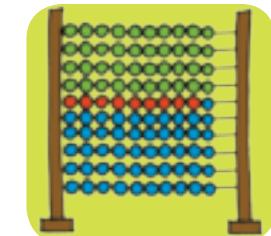


Isibalo esidibarisayo

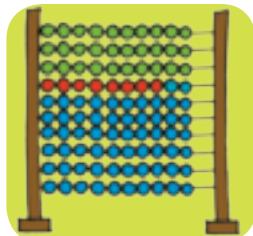
Isibalo esithabathayo



Qikelela uze ubale.

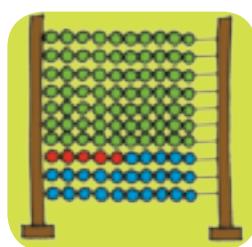


+

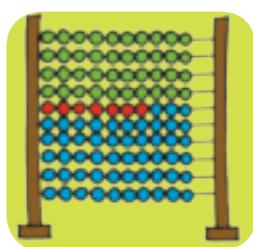


Qikelela

Bala



-



Qikelela

Bala



Bala usebenzise eyakho indlela yokubala.

$58 + 35$

$34 - 26$



Yintoni isiphumo sama-74 kanye ne-19?

Isiphumo sama-46 kanye nama-27.

Thabatha ama-34 kuma-72.

Umahluko phakathi kwama-81 kanye nama-36.



Teacher: _____
Sign: _____
Date: _____

11

12

13

14

15

16

17

18

19

20

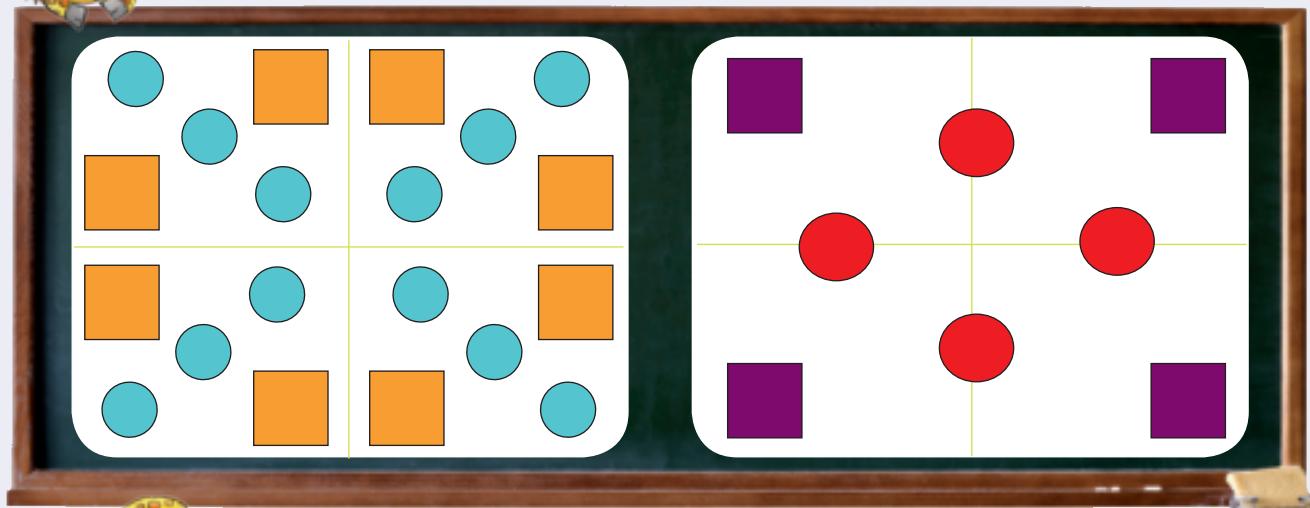
103



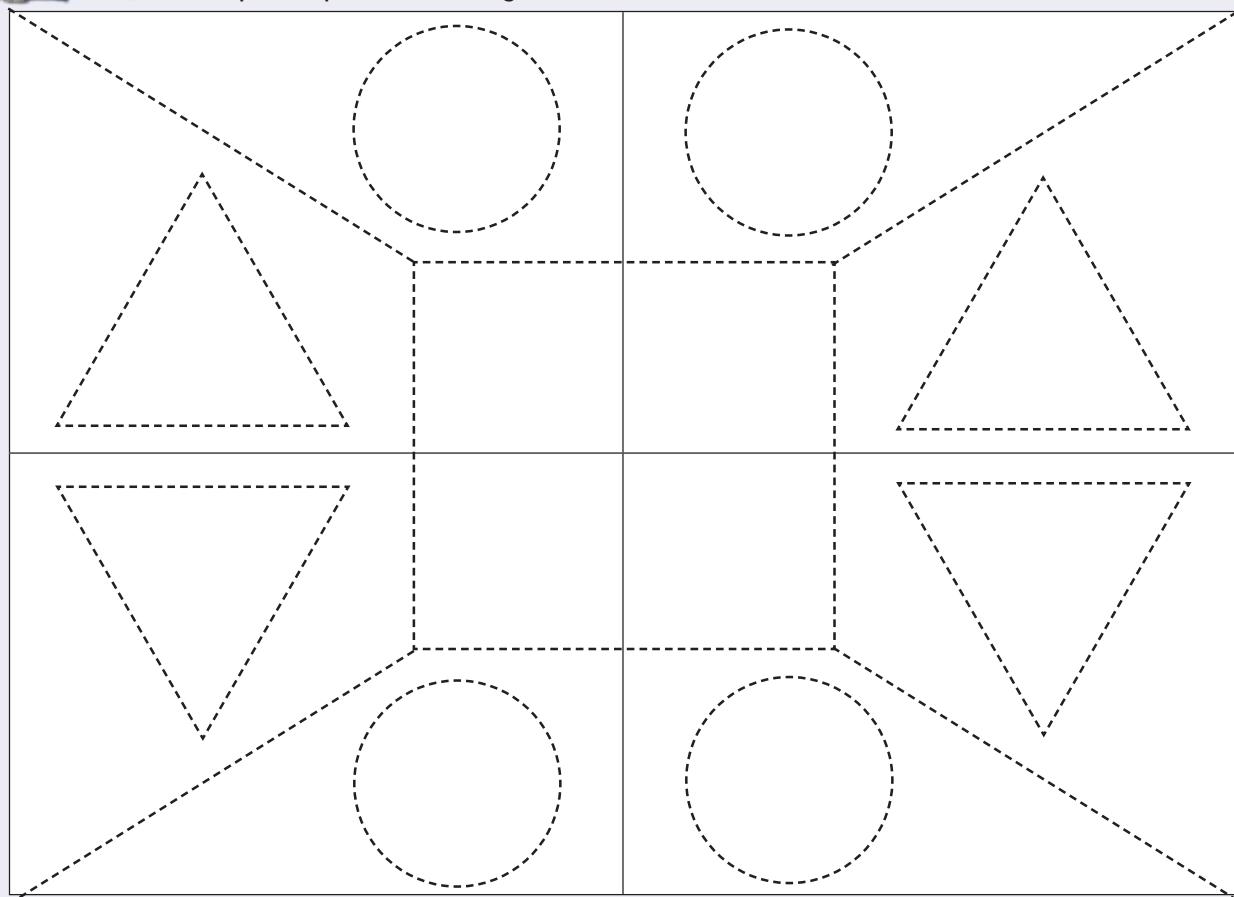
Ikota yesi-4

Chaza ipatheni.

Iipatheni zeemilo

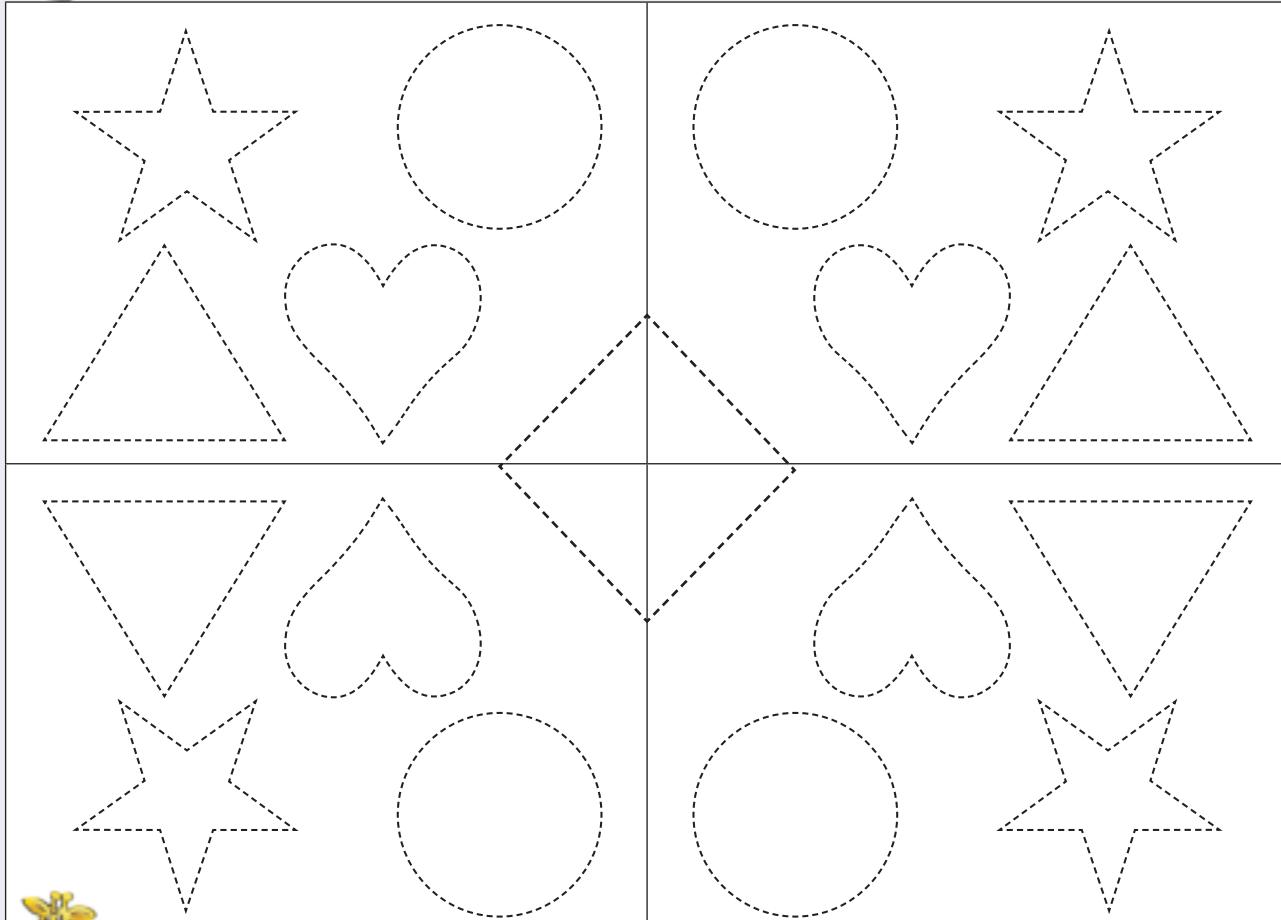


Khuphela ipatheni uze uyifakele umbala.





Khuphela ipatheni uze uyifakele umbala.



Yila eyakho ipatheni usebenzise iimilo.



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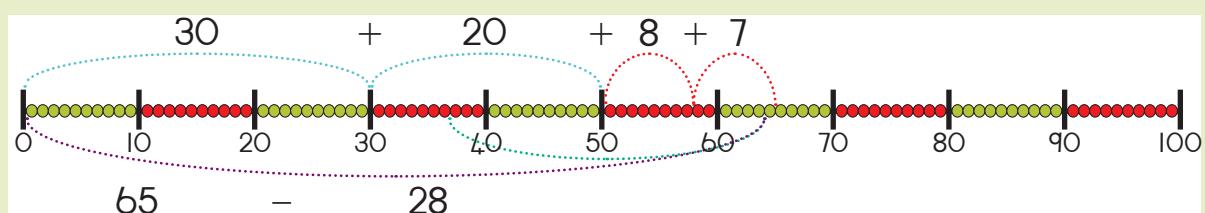
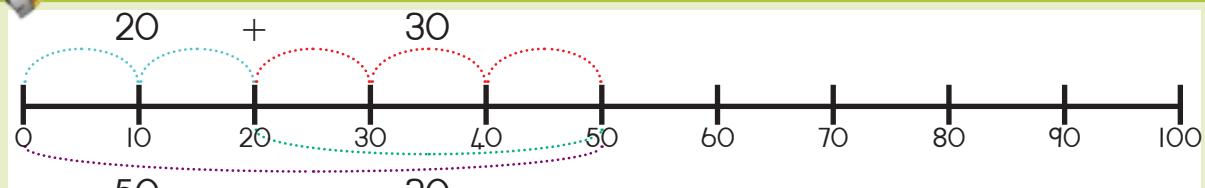
Ukudibanisa kunye nokuthabatha



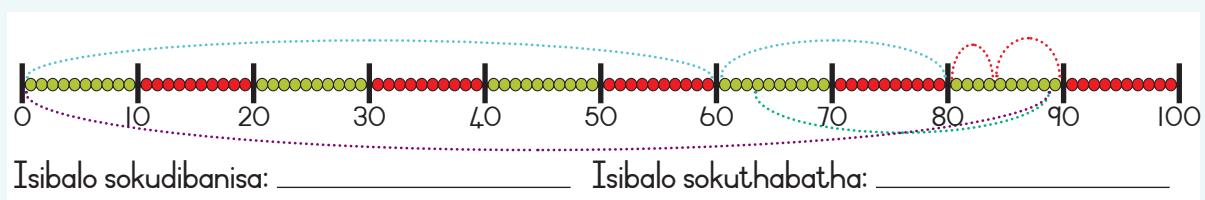
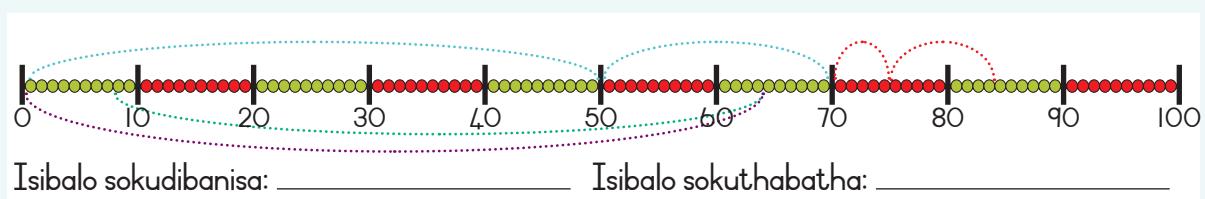
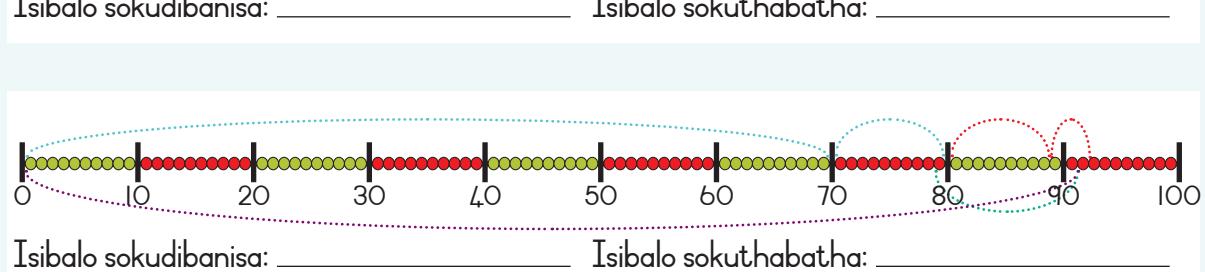
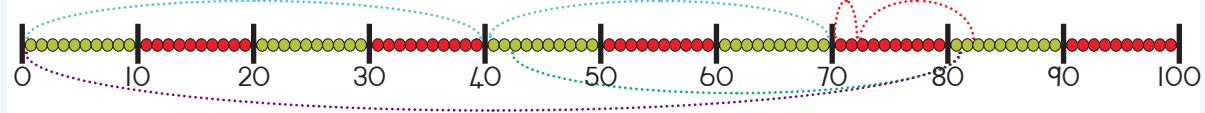
Jonga imigca-manani. Ncokola ngayo.

Umhla:

Ikota yesi-4

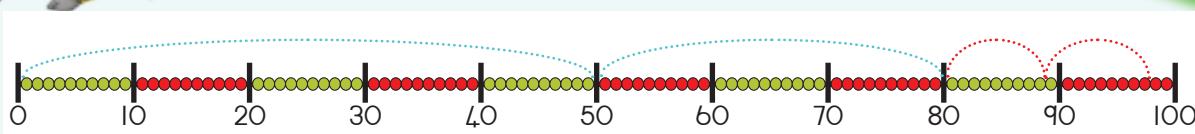


Bhala isibalo sokudibanisa nokuthabatha usebenzise umgca-manani.



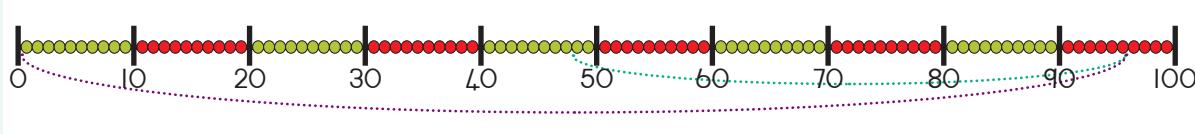


Qikelela uze ubale inani lamaso.



Qikelela: _____

Bala: _____



Qikelela: _____

Bala: _____



Bala usebenzise eyakho indlela yokubala.

$$74 + 18$$

$$72 - 43$$



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.

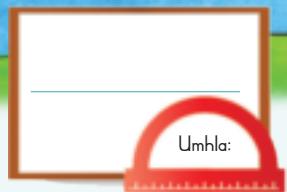


11 12 13 14 15 16 17 18 19 20

105



Okunye ukudibanisa nokuthabatha



Ikota yesi-4

Yenza amacala alingane.

$$10 + 4 + 5$$

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



$$90 - 50$$

$$\boxed{\quad} - 20$$



Gqibezela:

I ngaphezulu

6	7
5	
3	
9	
2	
7	
4	
8	

I ngaphantsi

4	3
8	
10	
9	
2	
7	
6	
3	

I0 ngaphezulu

40	50
10	
60	
70	
20	
80	
30	
100	

I0 ngaphantsi

40	30
150	
20	
110	
200	
60	
180	
70	

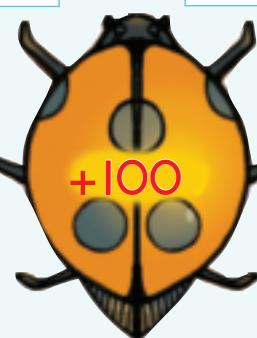


Gqibezela le mifanekiso.

25

37

89



199

175

163





$q \quad 0$

$-$

$2 \quad 0$

$+$

5

$1 \quad 0 \quad 0$

4

3

$3 \quad 0$



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



Kukuthini
ukudibana?

2 6 5 7
 8
4 7 3 q



Kukuthini
ukuthabatha?

4 7 5 10
 8 3
6 2 q 7



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

$48 + 36$

$85 - 5q$



Bala isibalo samagama. Zoba umfanekiso ubonise impendulo yakho.

Ndinemali engama-R4.2 endiyigcinileyo waze
utata wandipha ama-R2q.
Ndinamalini iyonke?

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



11 12 13 14 15 16 17 18 19 20



Iimilo ezingu-3-D

Ikota yesi-4

Ziphi iibhokisi, iibhola neesilinda?



Chaza ukuba yibhokisi okanye yibhola okanye yisilinda.







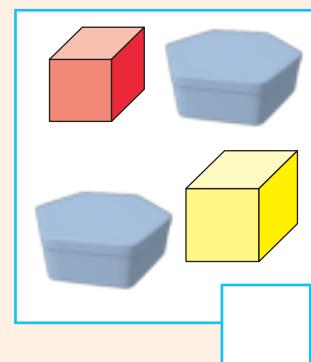
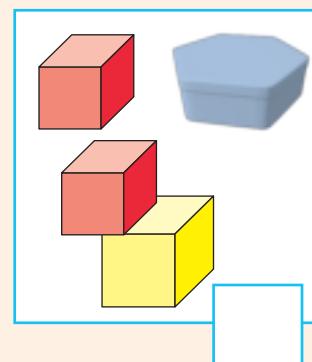
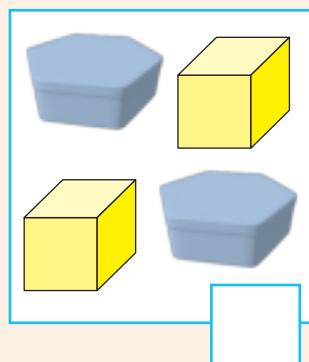
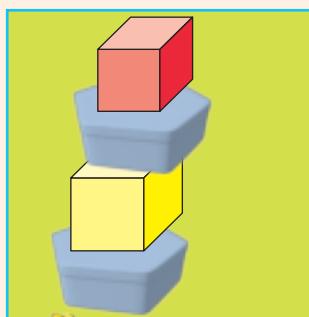
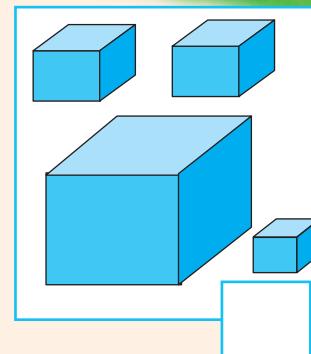
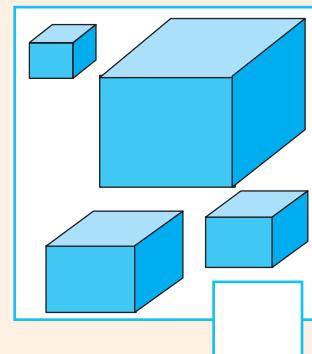
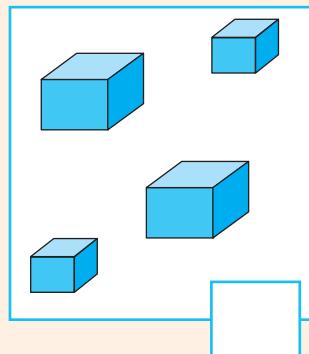
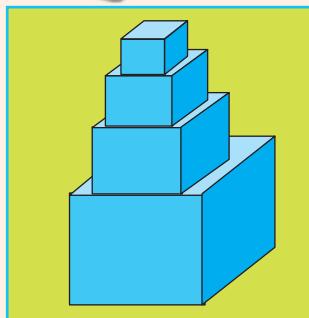
Funa imifanekiso yezi zinto uze ujincamathelese apha.

Ibhola

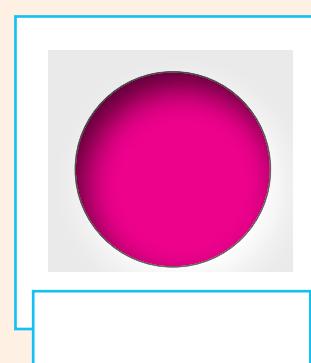
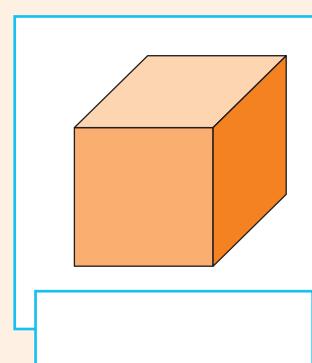
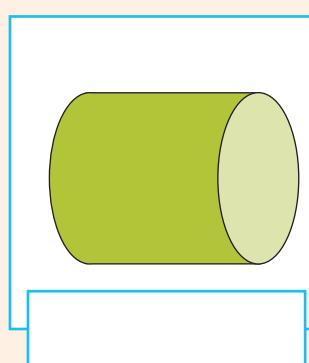
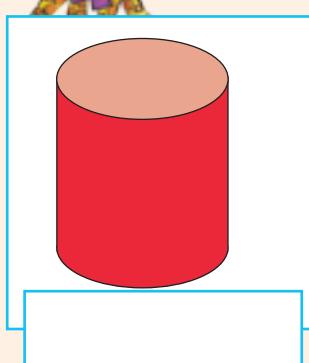
Ibhokisi

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?

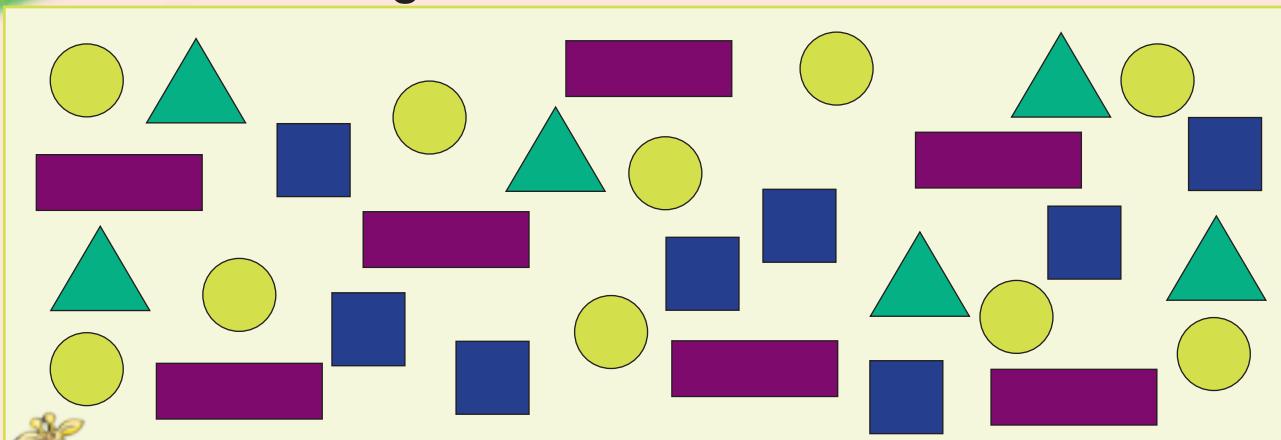
- Isilinda
- Ibhola
- Ibhokisi



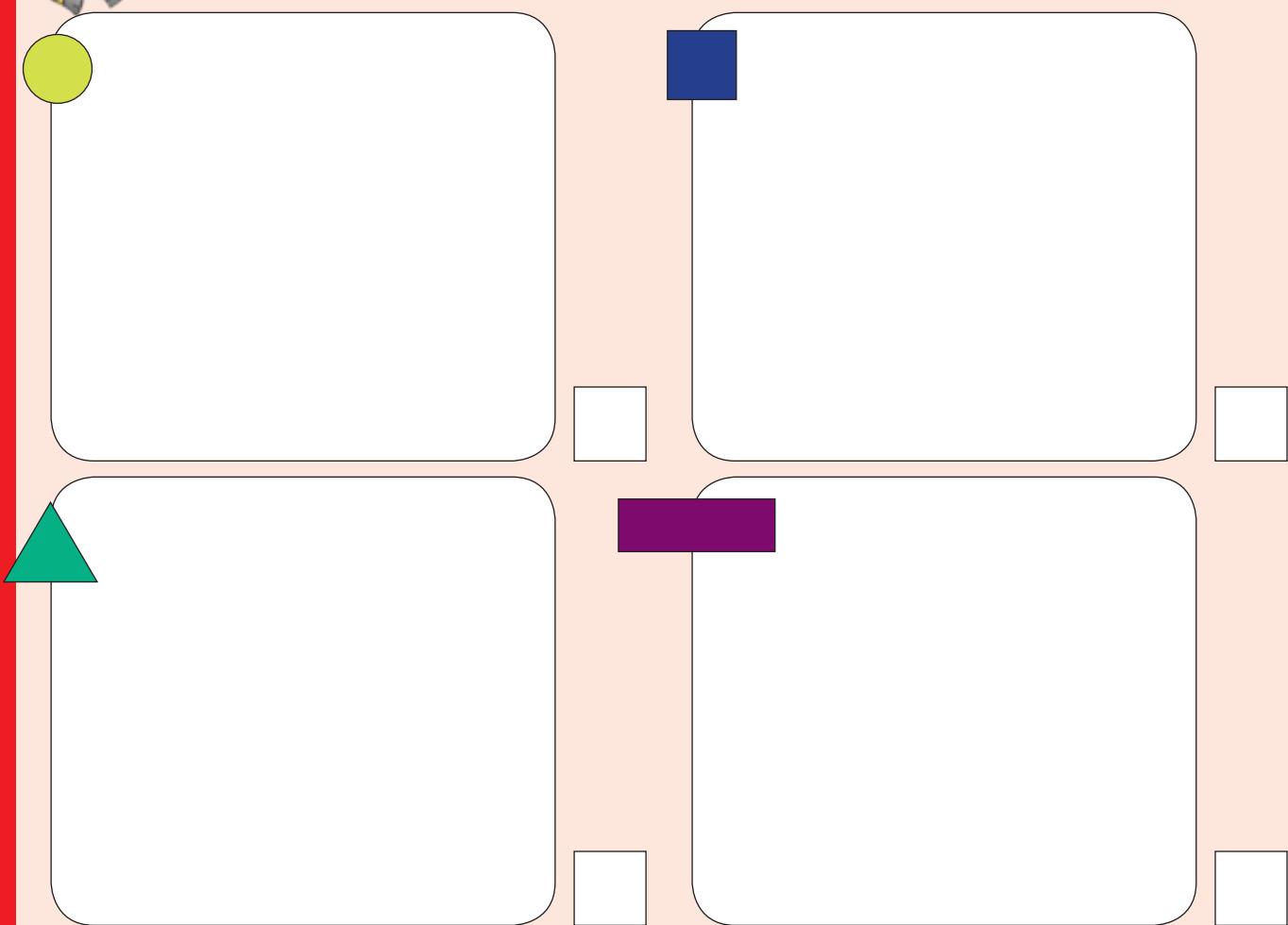
107

Ezinye iinkukacha kwakhona

Ikota yesi-4



Hlela iimilo. Zenzele owakho umfanekiso. Bhala isiphumo ebhokisini.





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?



Teacher:

Sign:

Date:

11

12

13

14

15

16

17

18

19

20



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?

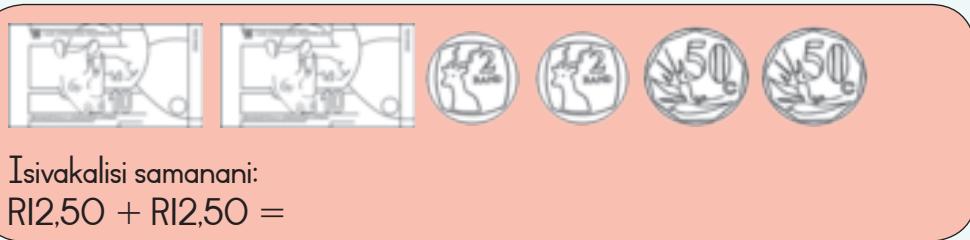
	Ewe	Hayi						
75c								
85c								
90c								



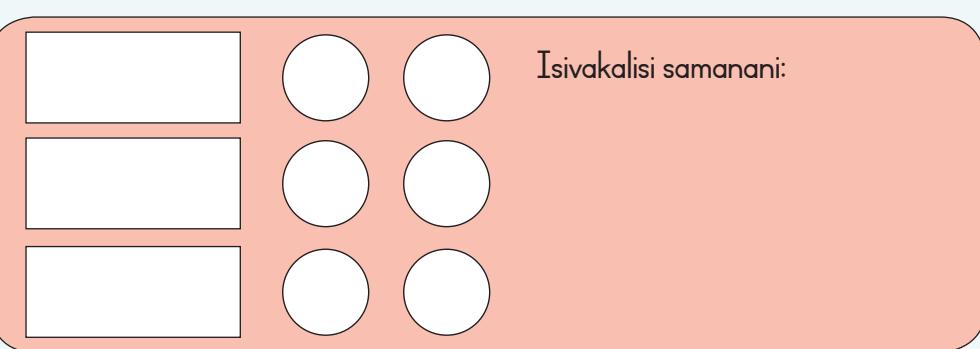
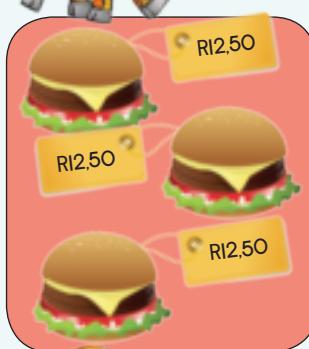
Faka umbala kwimali eziinkozo nengamaphepha eza kukunika esi sixa:
Ingaba kuphela komdibaniso lo?

Ewe	Hayi
-----	------

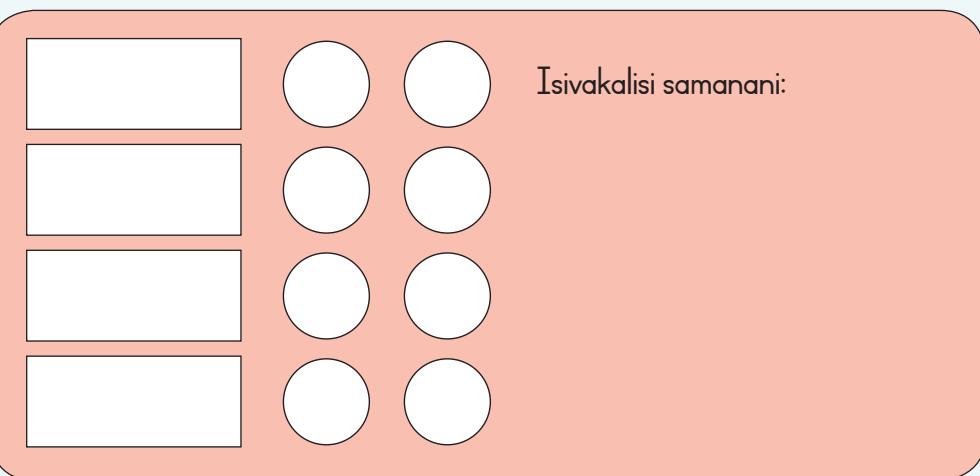
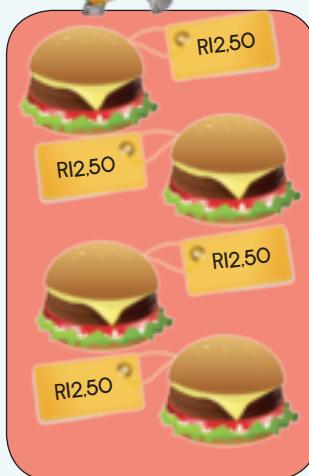
R87										
R75										
R94										



Ukuba uSipho uthenga iihambhega ezintathu?



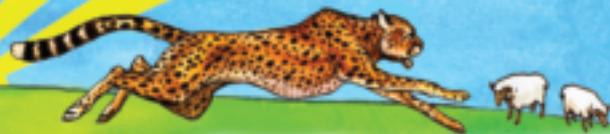
Ukuba uSipho uthenga iihambhega ezine?



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 e-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.

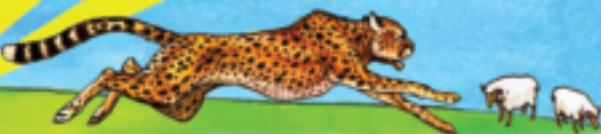


Ufuna ukuthenga iimafini ezili-10. Imafini nganye ixabisa ii-R10. Uza kuhlawula malini ngemafini e-1 okanye ngeemafini ezi-2, 3, 4, 5, 6, 7, 8, 9 okanye ezili-10. Bonisa oku kwitheyibhile kwiphepha elisecaleni.



Teacher: _____
Sign: _____
Date: _____

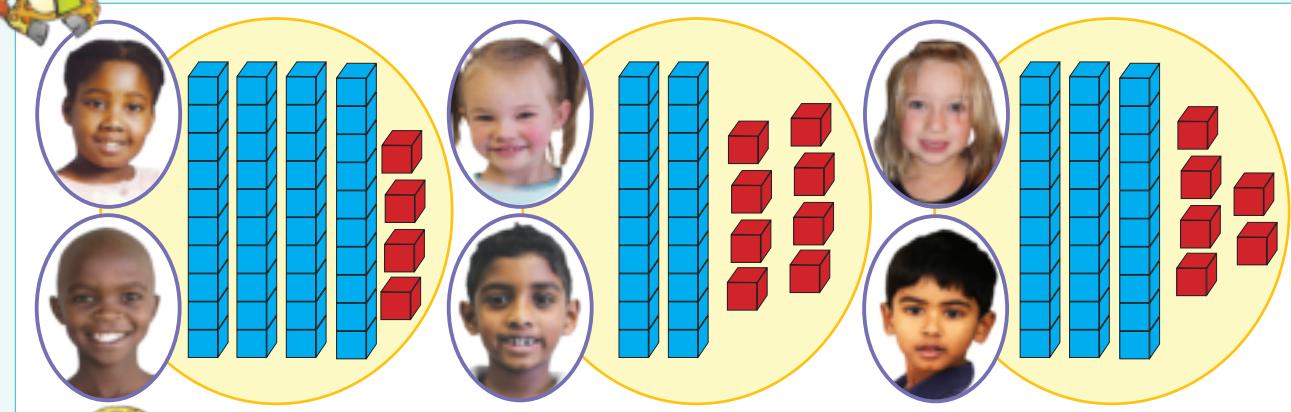
110



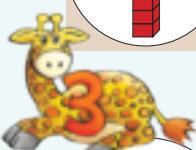
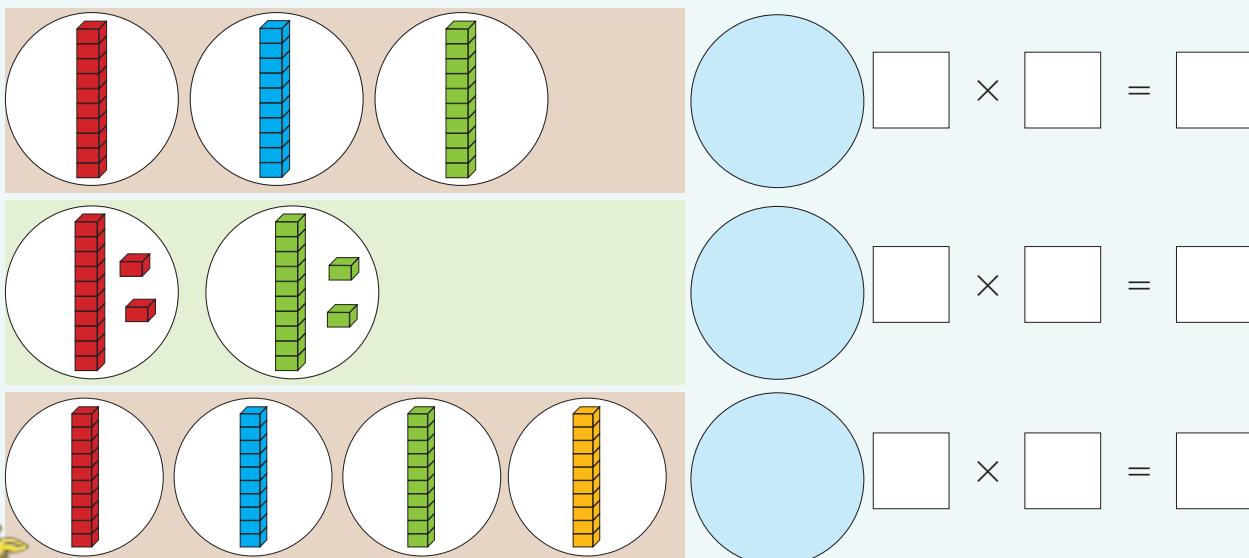
Ukwenza amaqela nokwahlulelana

Ikota yesi-4

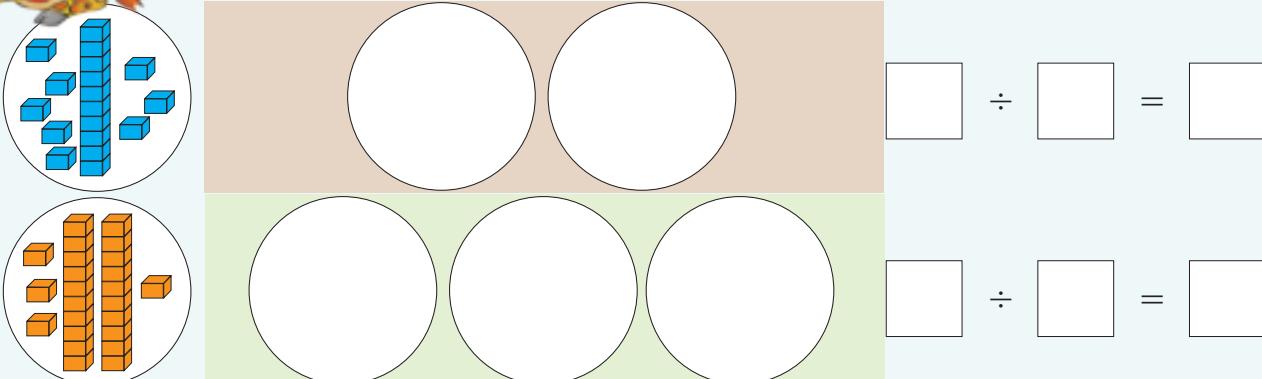
Zingaphi iibloko ezikwisangqa ngasinye? Zabele abantwana.



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



Yahlula iibloko ngokwezangqa. Bhala isibalo sokwahlula.





Zoba oku kulandelayo. Bhala isibalo ngasinye .

Amaqela ama-3 ezi-2



Isibalo sokudibanisa:



Isibalo sokuphinda-phinda:

Amaqela ama-4 ama-10



Isibalo sokudibanisa:



Isibalo sokuphinda-phinda:

Yahlula izibalisi ezili-12 ka-4



Isibalo sokuthabatha:



Isibalo sokwahlula:

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 _____

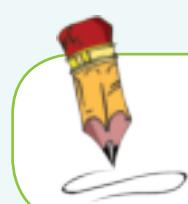
Yahlula ama-35 ka-5 _____

Amaqela ama-3 ezi-8 _____

Amaqela ama-2 e-15 _____

Yahlula ama-24 ka-3 _____

Yahlula ama-50 nge-10 _____



ukuphinda-phinda kabini

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

III



Okunye ngomthamo

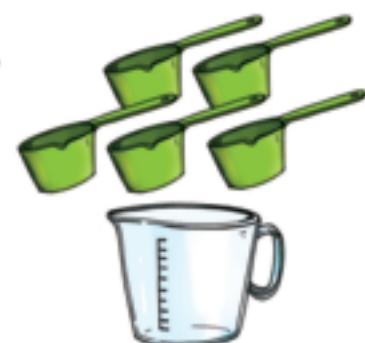
Ikota yesi-4



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

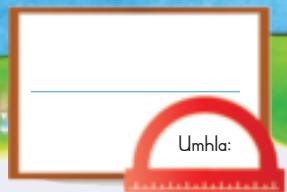
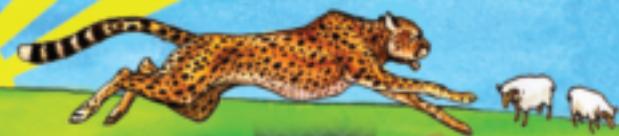


Funa umfanekiso wezikhongozelo ezinomthamo ongangelitha e-1, ezi-2 nezi-5. Yincamatelise apha okanye kwincwadi yemisebenzi. Yincamatelise uqale ngesikhongozelo esithatha kakhulu uye kwesona sithatha kancinci.



Teacher:
Sign:
Date:

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Iipatheni zamanani

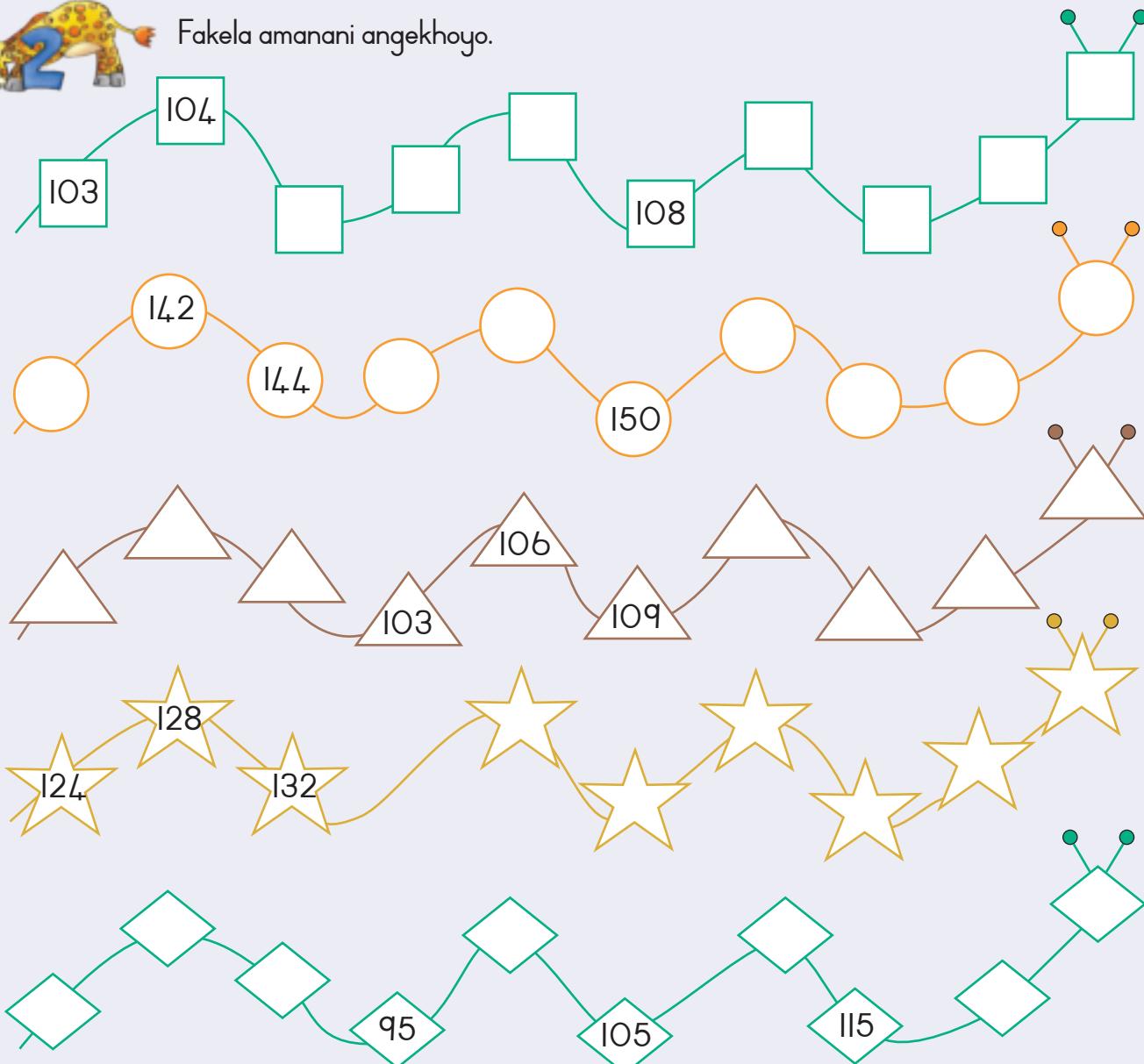
Beka amakhadi ngokulandelelana. Qala ngelikhulu uye kwelincinci, uze uqale ngelincinci uye kwelikhulu.

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, ___, ___, ___, ___, ___

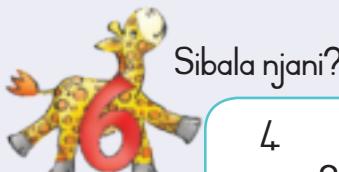
160, 155, 150, ___, ___, ___, ___, ___

115, 118, 121, ___, ___, ___, ___, ___

200, 190, 180, ___, ___, ___, ___, ___



Gqibezela umgca-manani.



Sibala njani?

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			



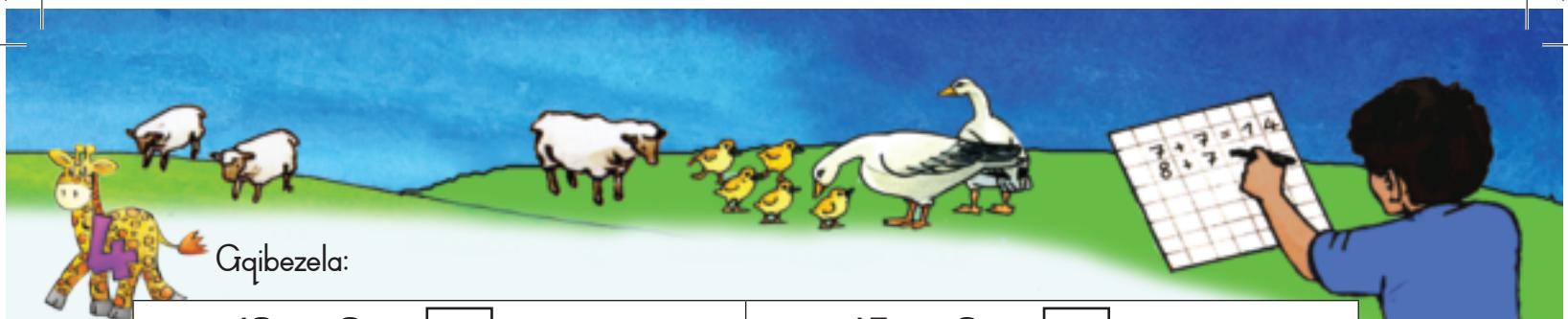
Gqibeza:

<input type="text"/> 3	<input type="text"/> 6	<input type="text"/> q	<input type="text"/>						
30	<input type="text"/> 27	<input type="text"/> 24	<input type="text"/>						



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:

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

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

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

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

$$= 30 + 9$$

$$= 39$$



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

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

$$= \boxed{} + \boxed{} \times \boxed{}$$

$$= \boxed{} \times \boxed{} + \boxed{} \times \boxed{}$$

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

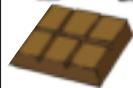
$$= \boxed{}$$



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 okuphindiwego	Izintlu	Iinyani
3, 6, 9, 12		$3 + 3 + 3 + 3$	Imigca emi-3 yezi-4 	$3 \times 4 = 12$ $4 \times 3 = 12$
		$4 + 4 + 4$		
				$6 \times 5 = 30$ $5 \times 6 = 30$
2, 4, 6, 8, 10, 12				



Ungakhawuleza kangakanani ukuze ugqibe oku?

$1 \times 2 =$	<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"/>



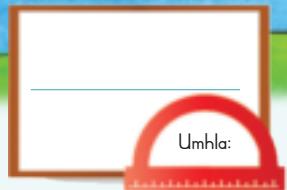
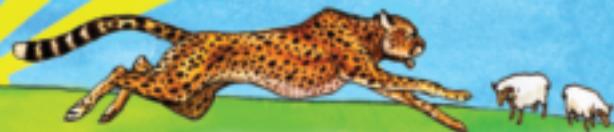
Nika inani endaweni
yebhokisi.

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.



115



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.

12×2

16×2

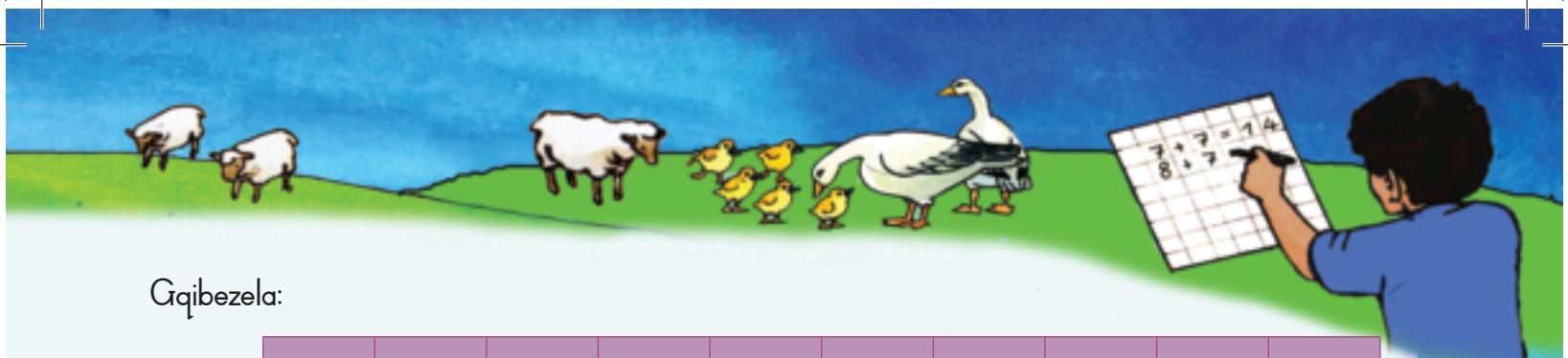
Gqibezela:

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

Sebenzisa eyakho indlela yokubala ufumane impendulo.

13×3

15×3



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?



11ba

Iintsuku zeveki

Ikota yesi-4

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

lb

Iintsuku, iiveki kanye neenyanga

Umhla:

Ikota yesi-4

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 ungoluphi usuku? _____

Umhla we-15 kweyoMnga ungoluphi usuku? _____

Umhla wama-24 kweyoMnga ungoluphi usuku? _____

Umhla we-12 kweyoMnga ungoluphi usuku? _____



Phendula le mibuzo:

Zingaphi iintsuku kwinyanga yoMnga? _____

Zingaphi iiveki kweyoMnga? _____

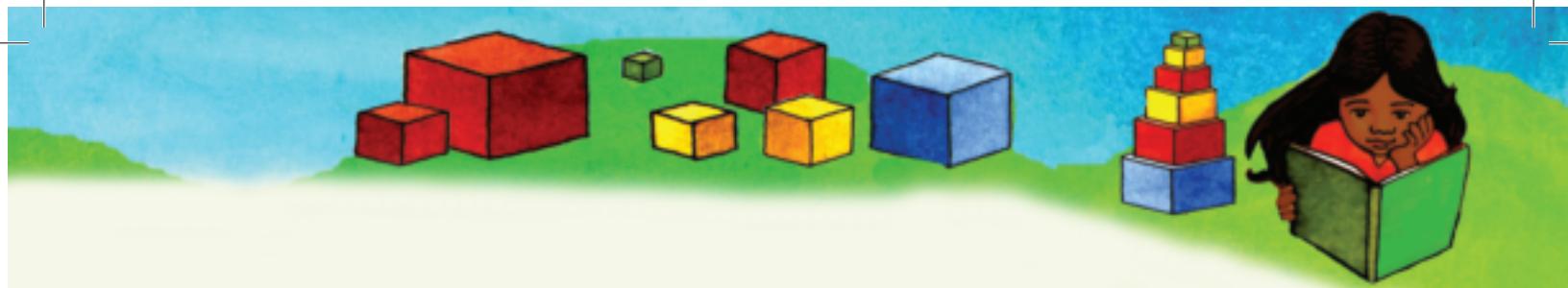
Zingaphi iintsuku evekini? _____

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		
	ukuya		
	ukuya		
	ukuya		

Teacher:
Sign:
Date:

||7



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 mnqakathi nombini	19 mnqakathi nombini	21 mnqakathi nombini
26 mnqakathi nombini	20 mnqakathi nombini	18 mnqakathi nombini



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:

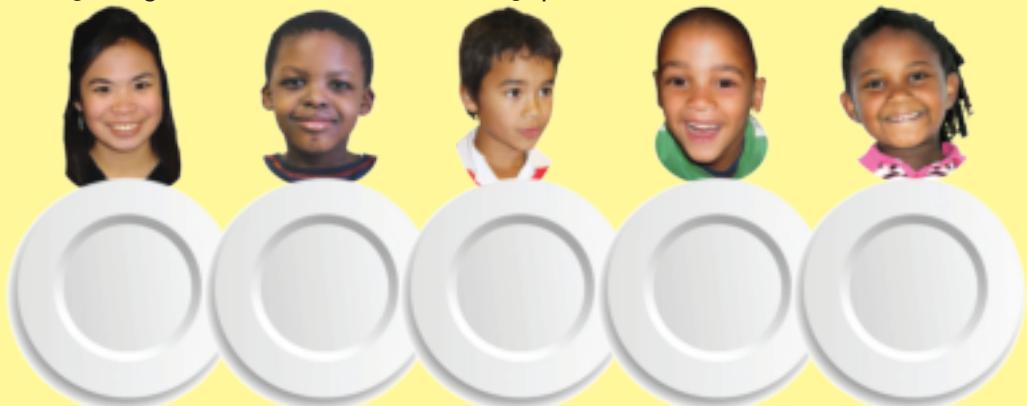


Ukwabelana ngokulinganayo kukhokelela kumaqhezu

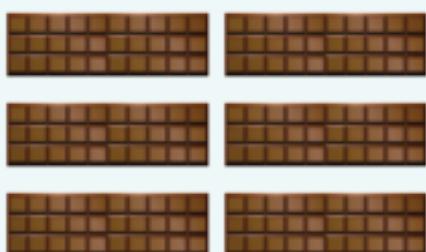
Umhla:



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.

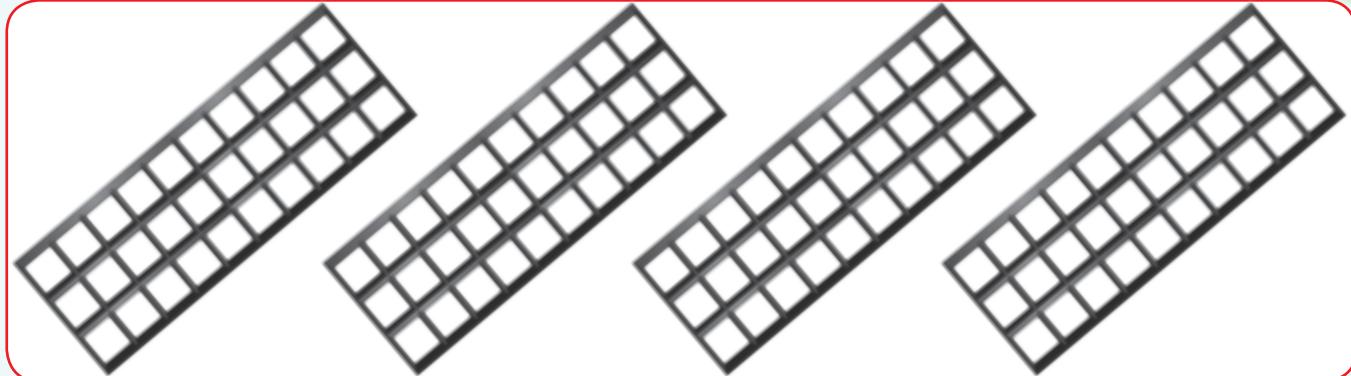


Bonisa impendulo yakho ngokwenza umfanekiso.



Bonisa impendulo yakho ngomfanekiso.

Umntwana ngamnye ufumana _____ zeekeyiki.



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.



||q

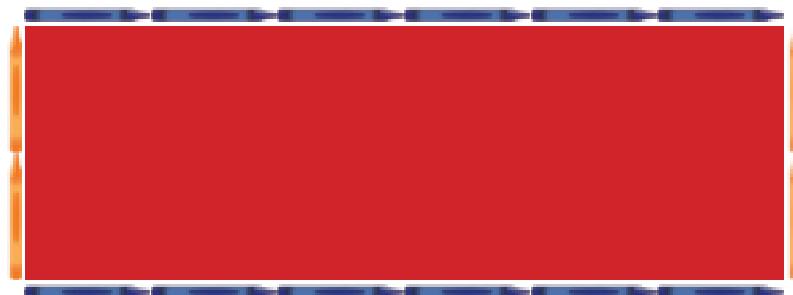


Ngawaphi amacala amafutshane ingawaphi amade?

Ubude



Ikota yesi-4

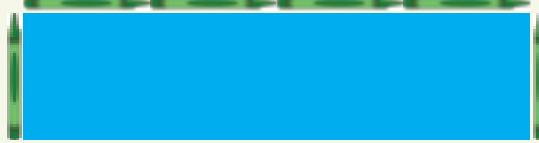


Ical a elide lineekhrayoni ezi-_____.

Ical a elifutshane lineekhrayoni ezi-_____.



Phendula oku kulandelayo.



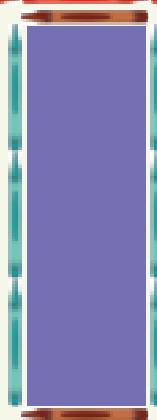
Ical a elide lineekhrayoni ezi-_____.

Ical a elifutshane lineekhrayoni ezi-_____.



Ical a elide lineekhrayoni ezi-_____.

Ical a elifutshane lineekhrayoni ezi-_____.



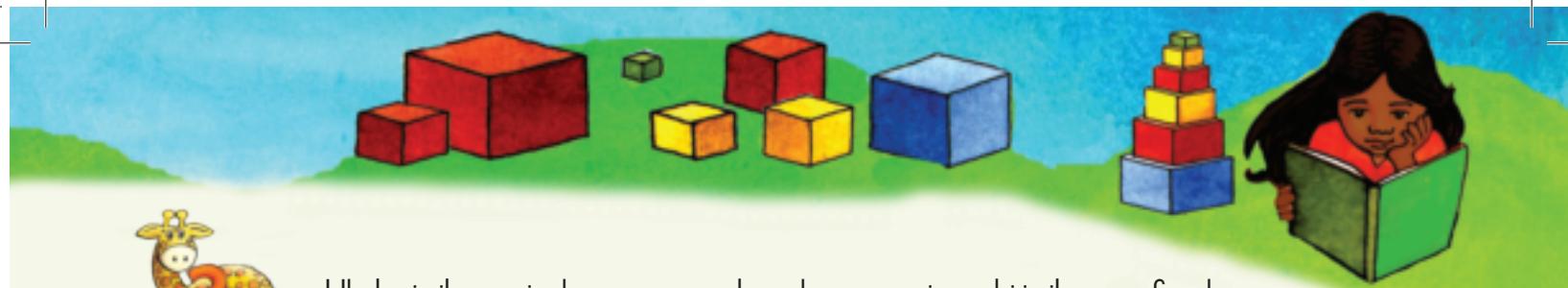
Ical a elide lineekhrayoni ezi-_____.

Ical a elifutshane lineekhrayoni ezi-_____.

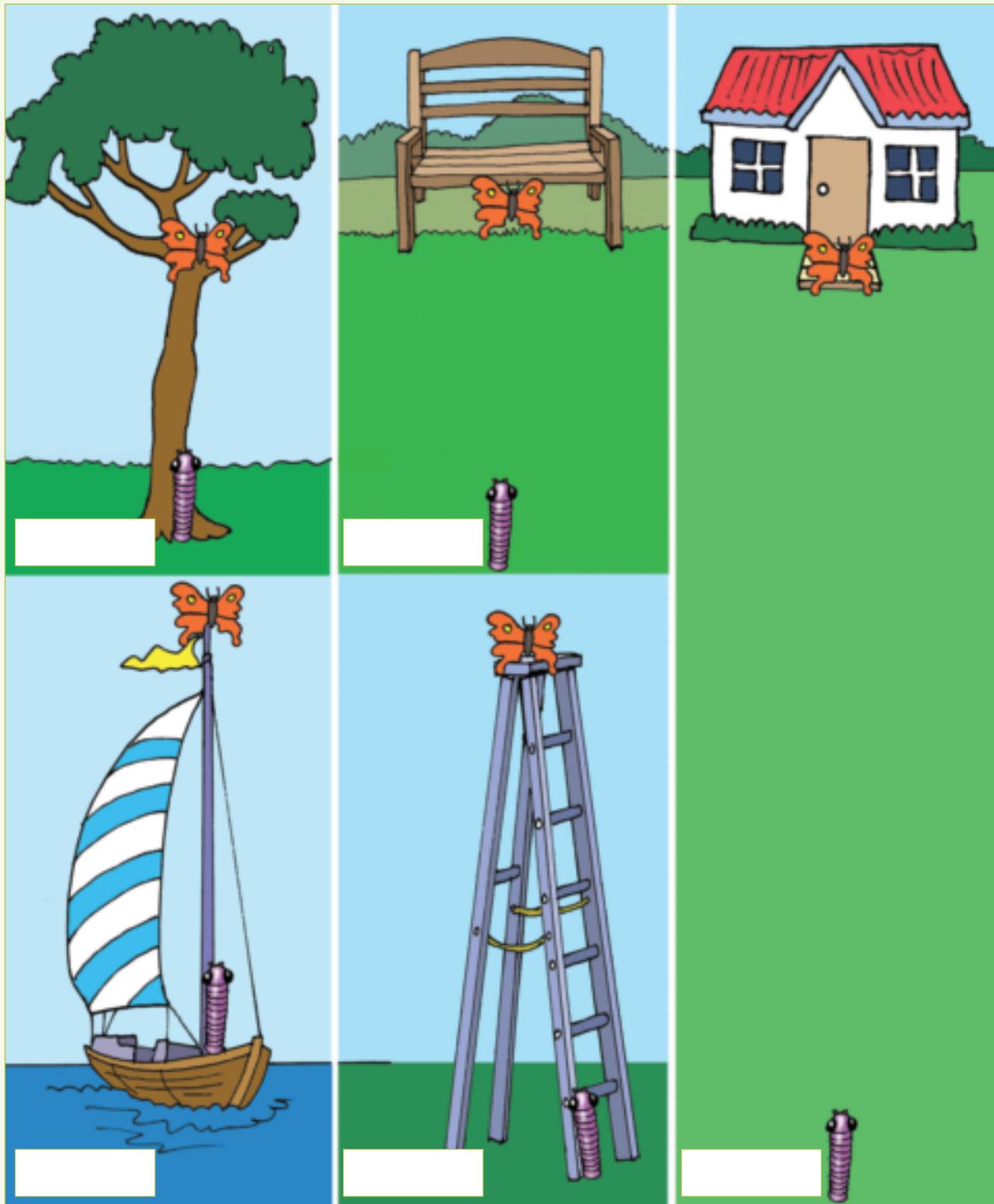


Ical a elide lineekhrayoni ezi-_____.

Ical a elifutshane lineekhrayoni ezi-_____.



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

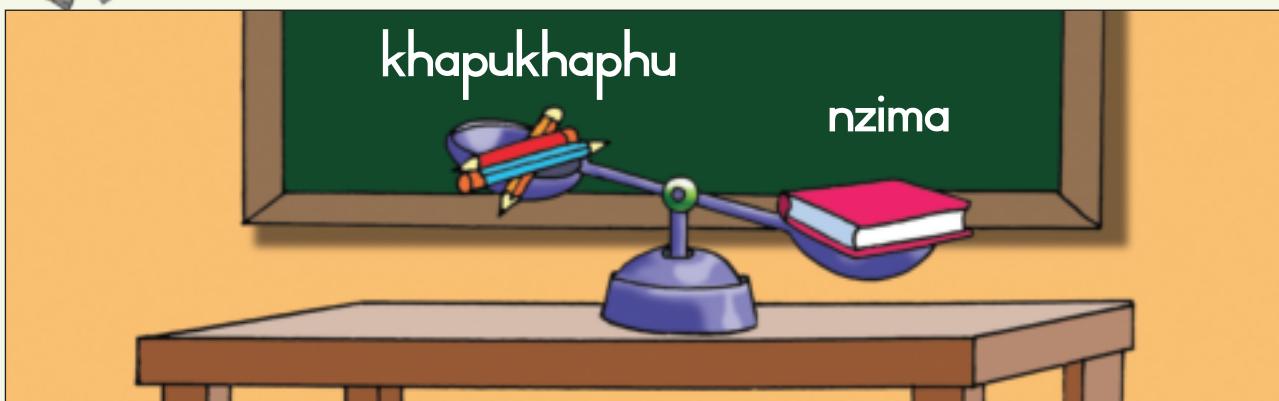
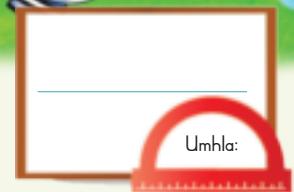


Teacher:
Sign:
Date:

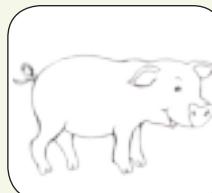
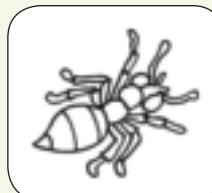
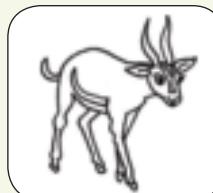
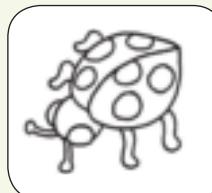
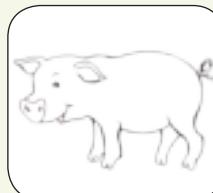


Enzima kune nekhaphu-khaphu

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.

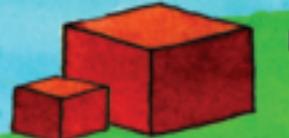


Jonga emfanekisweni. Khangela imifanekiso emi-2 yezinto ezikhaphu-khaphu.
Yincamatelise apha.

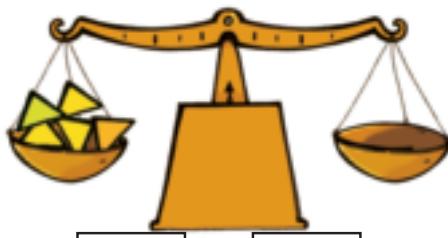




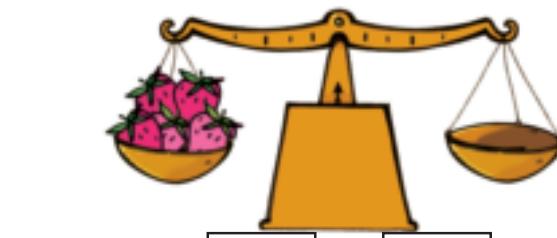
Xela ukuba izikali ziyalingana na okanye azilingani.



Yenza izikali zilingane. Zoba umfanekiso.



$$5 = \boxed{}$$



$$\boxed{} = \boxed{}$$



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



$$\boxed{} = \boxed{}$$

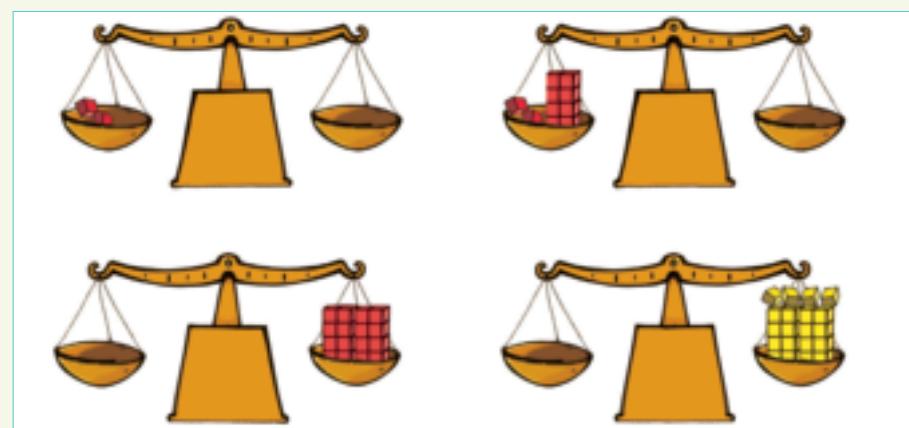


$$\boxed{} = \boxed{}$$



Yongeza iibloko ukuze izikali zilingane.

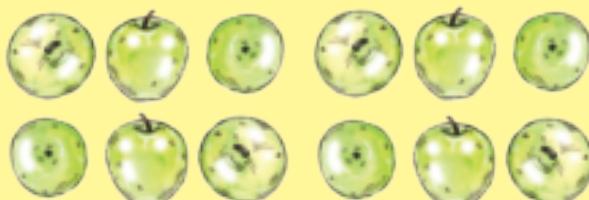
$$\textcolor{red}{\boxed{1}} = \textcolor{yellow}{\boxed{2}} \textcolor{yellow}{\boxed{2}}$$



Okunye ukwabelana okukhokelela kumaqhezu

Umhla:

Yabela abahlobo abathathu la ma-apile.



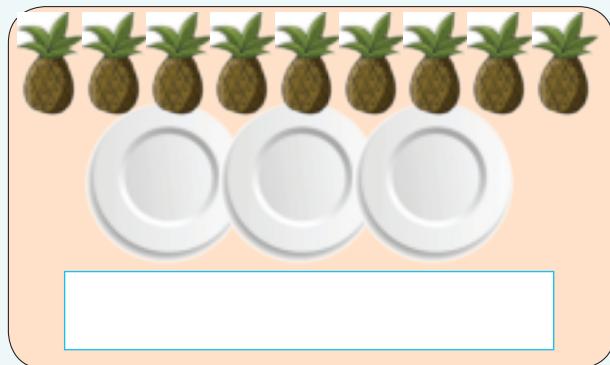
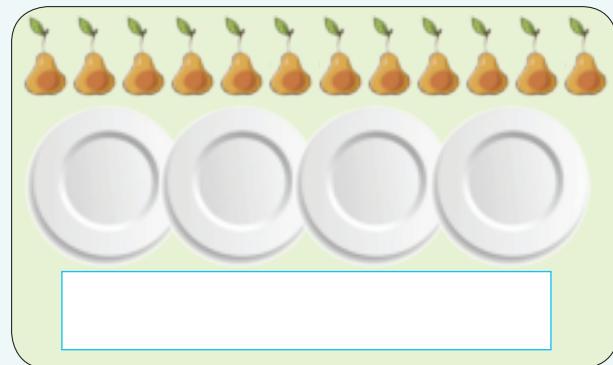
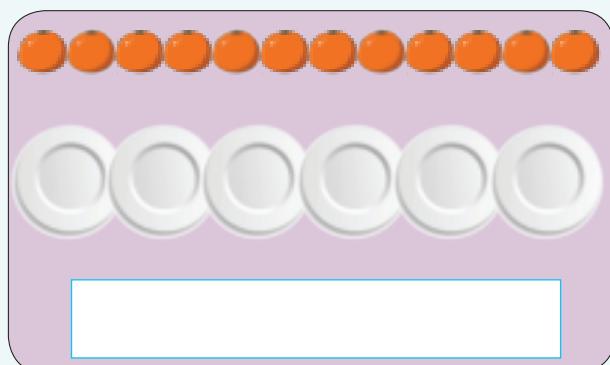
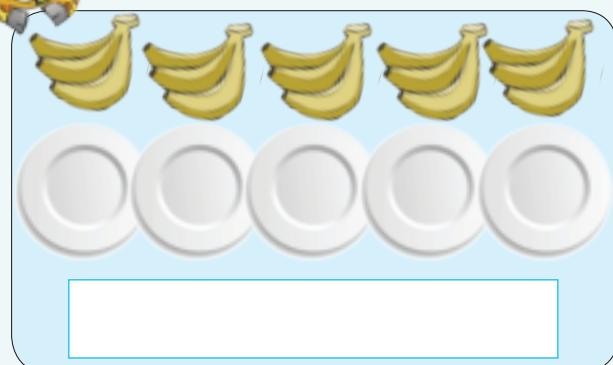
Ufumene ama-apile amangaphi emnye?
Amane.

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

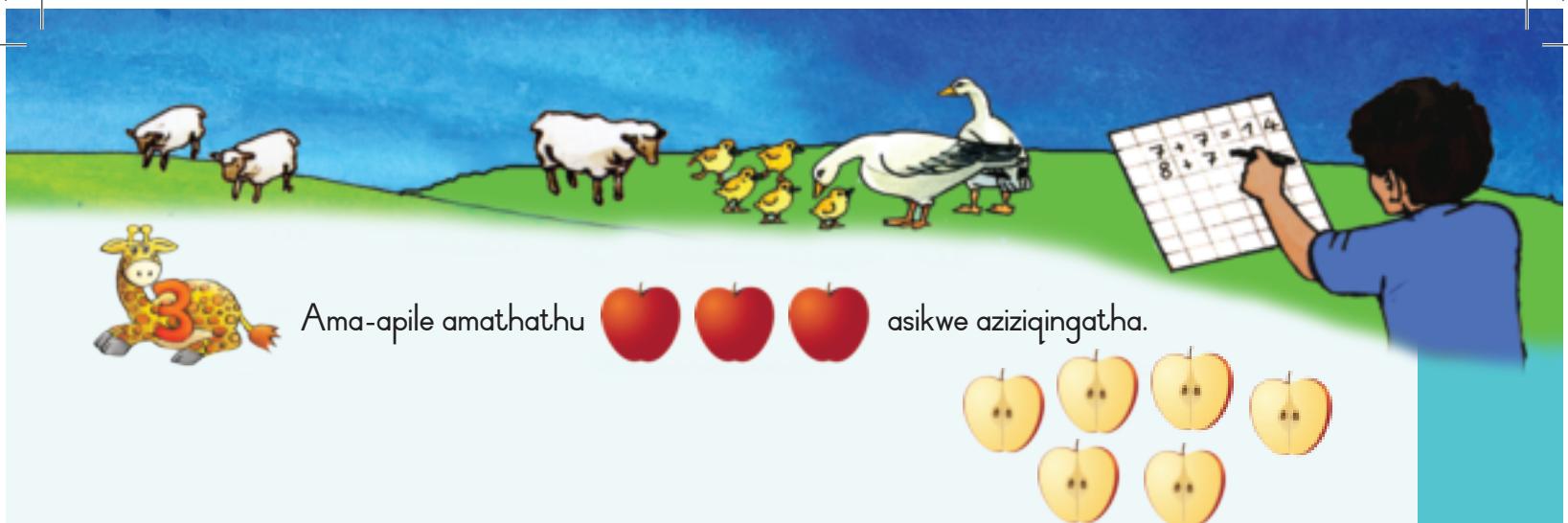


Jonga umzekelo ongentla uze ugqibezele.

- Yabela abahlobo 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-I4. Kufuneka abe neeorenji ezingaphi?



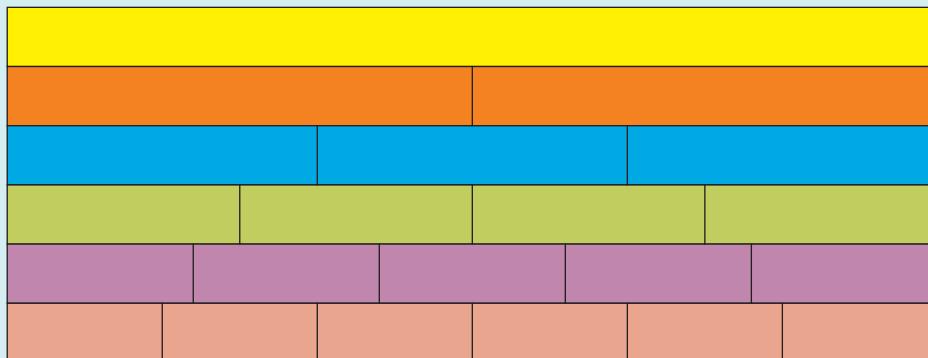
Teacher: _____
Sign: _____
Date: _____

Amaqhezu

Umhla:

Ikota yesi-4

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



isinye esithathwini

isinye kwisihlanu

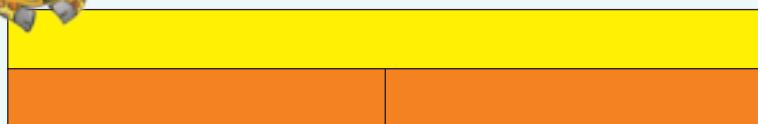
isiqingatha

isinye kwisithandathu

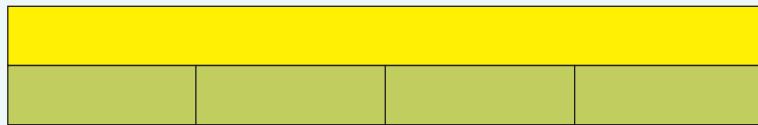
ikota



Gqibezela.



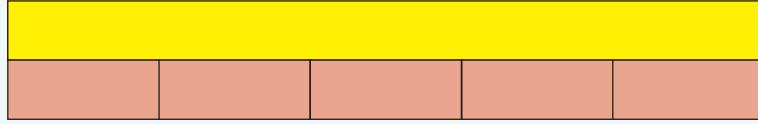
Iziqingatha ezi-2 ziya fana nento e _____ epheleleyo.



Ikota ezi-4 ziya fana nento e _____ epheleleyo.



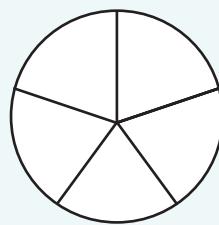
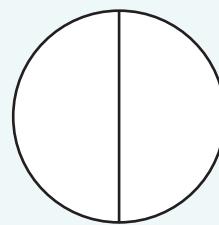
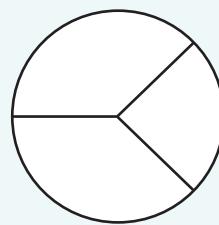
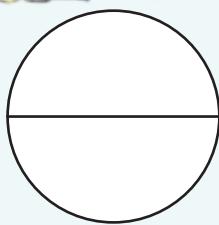
Izithathu ezi-3 ziya fana nento e _____ epheleleyo.



Izihlanu ezi-5 ziya fana nento e _____ epheleleyo.

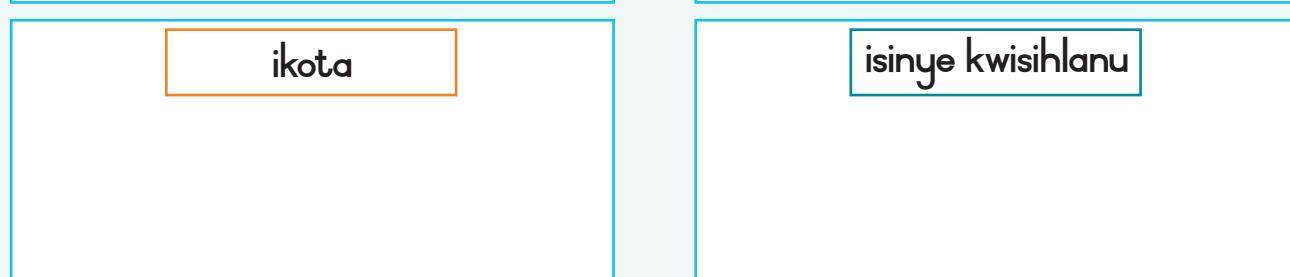
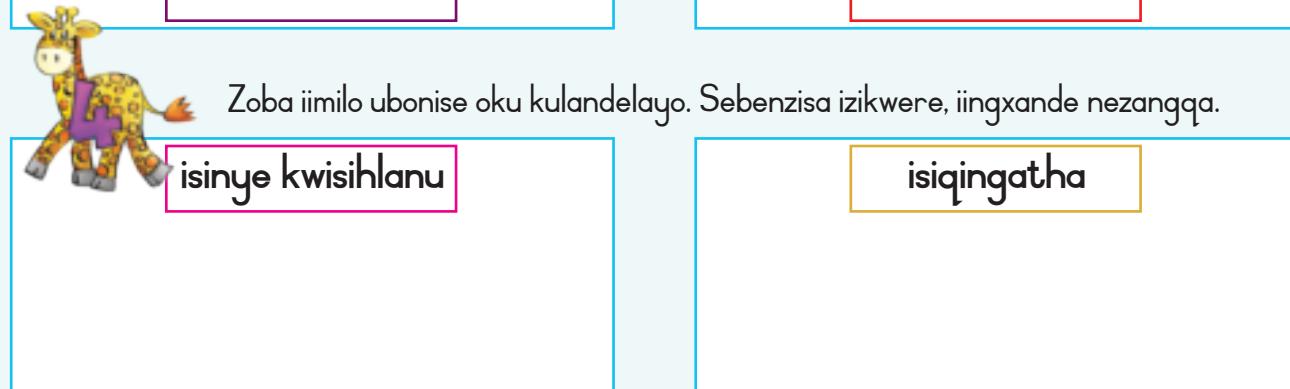
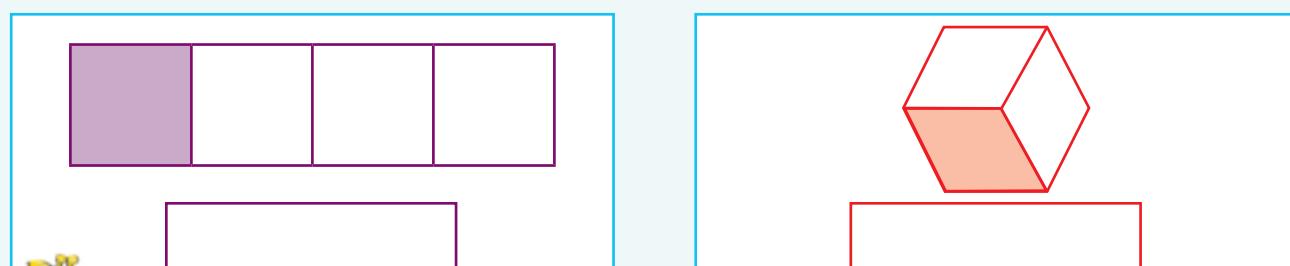
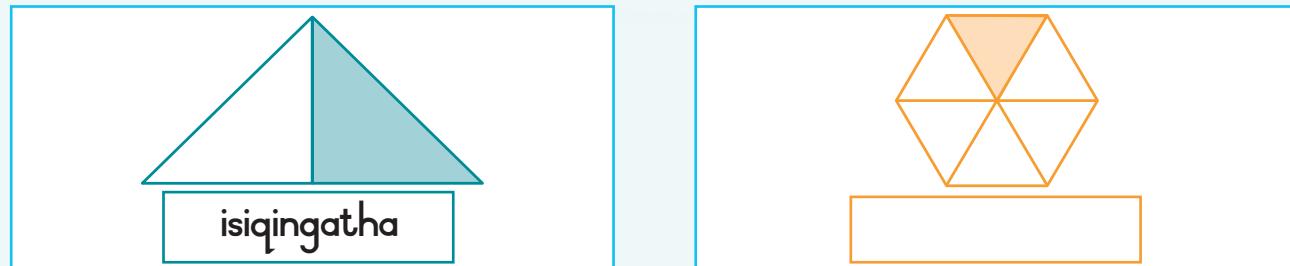


Fakela umbala kwezi zinto zilandelayo. Uqaphela ntoni?



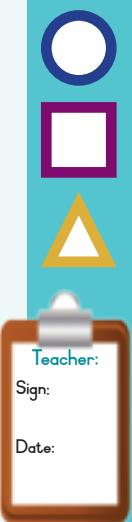


Xela ukuba leliphi iqhezu lemilo nganye elinombala.
Libhale ngamagama.



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

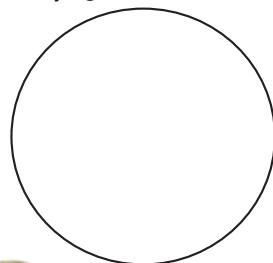
Ungathanda ukufumana iqhekeza lejiphi ikeyiki? Ngoba kutheni?



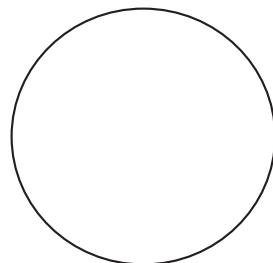
Umhlobo wakho ukucele ukuba wahlule iipitsa zibe ngamaqhekeza alinganayo.

Yenza umfanekiso obonisa oku:

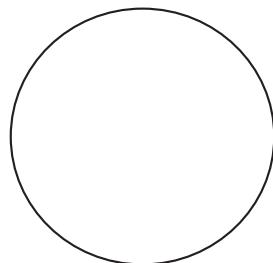
Iziqingatha



Izithathu



Ikota



Phawula impendulo echanekileyo.

Wena nomhlobo wakho nitye iziqingatha ezibini zepitsa. Nitye kangakanani?

- Isiqingatha esinye sepitsa okanye
- Iipitsa epheleleyo?

UThabo noSipho noJohn batye izithathu ezithathu zepitsa. Batye kangakanani?

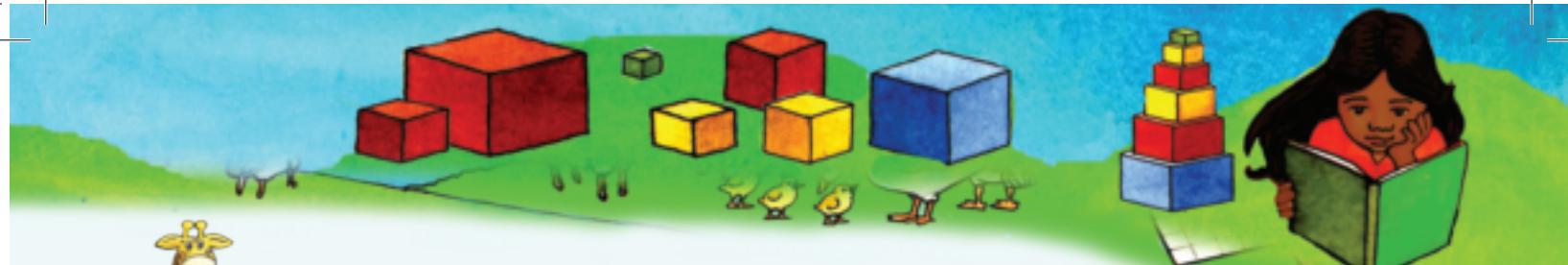
- Isithathu sepitsa okanye
- Iipitsa epheleleyo?

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	Ikota ezine



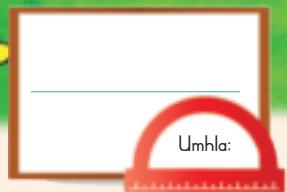
Fakela umbala kwiqhezu elilingana nento epheleleyo.



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



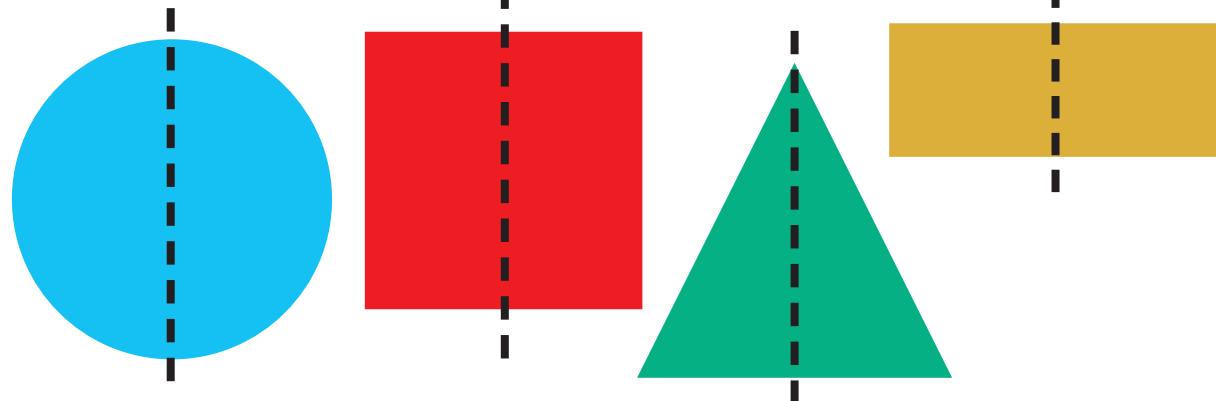
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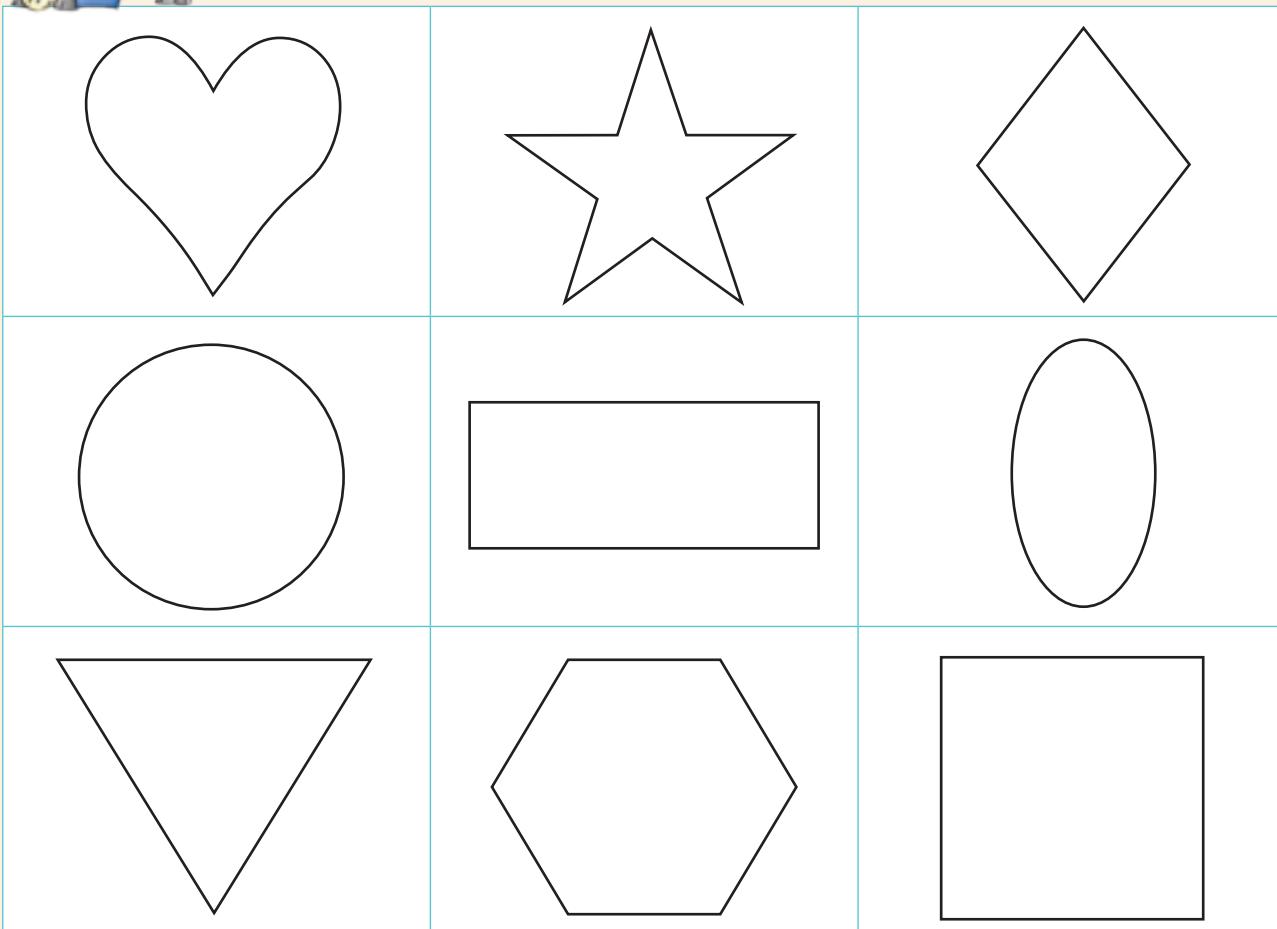
Umatwa-totse neemilo

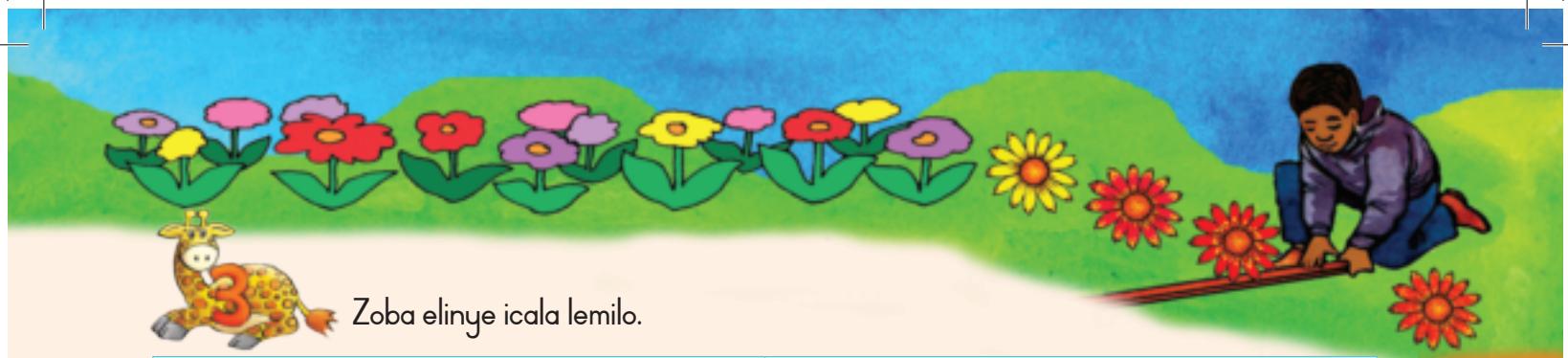
Ikota yesi-4

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

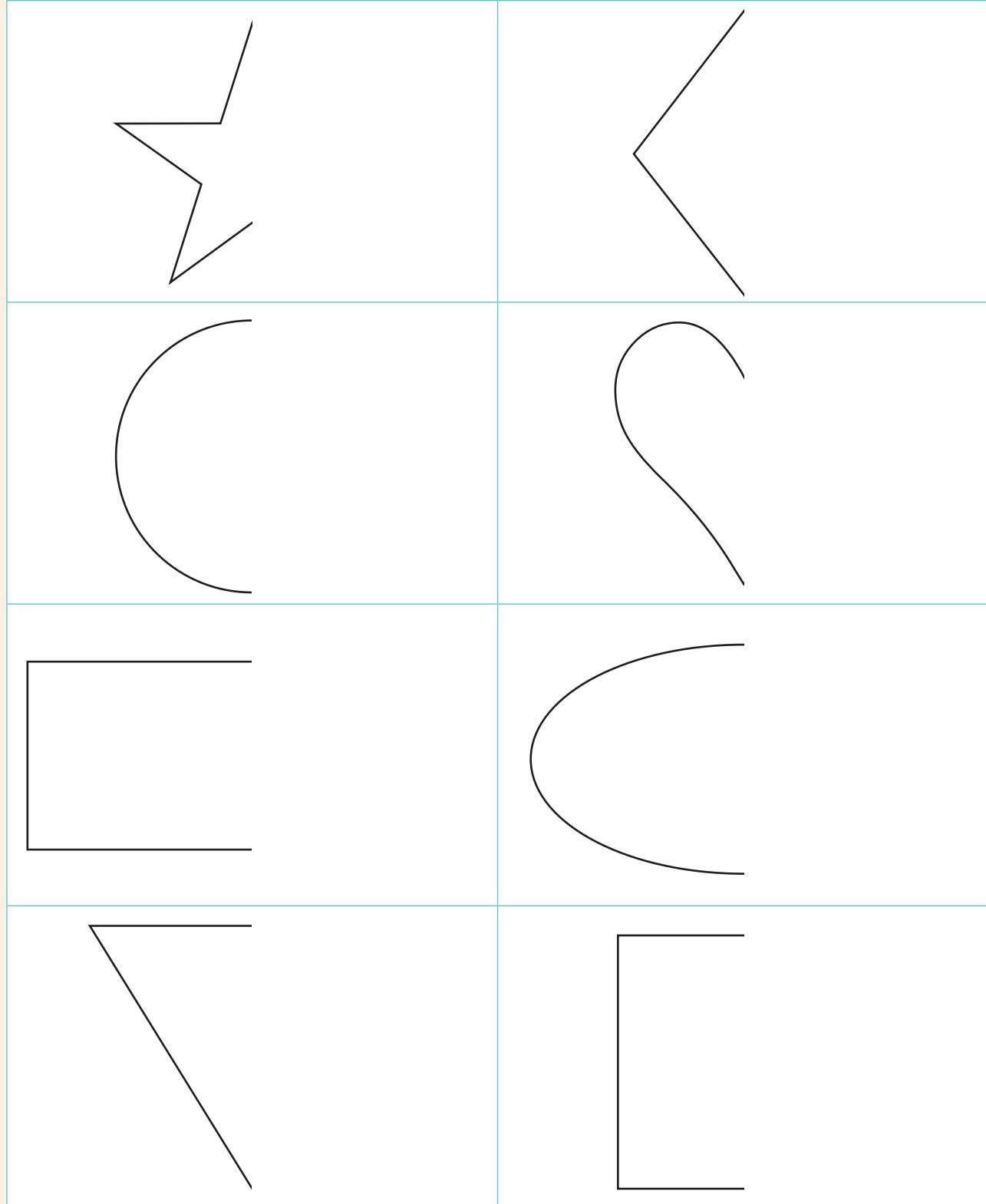


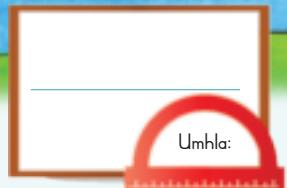
Krwela umgca ukuze icala elinye lemilo lifane nelinye icala.





Zoba elinye icala lemilo.

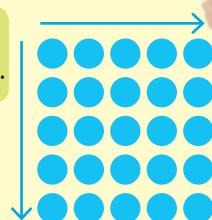




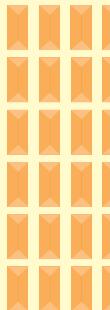
Izintlu namaqhezu

Jonga le mifanekiso. Ungakhawuleza kangakanani ukubala ezi zinto.

Le yikholamu.



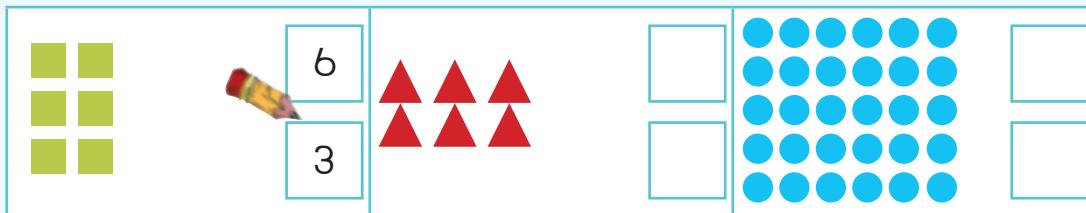
Lo ngumqolo.



Uzisebenzise njani iikholamu nemiqolo ukuze zikuncede?



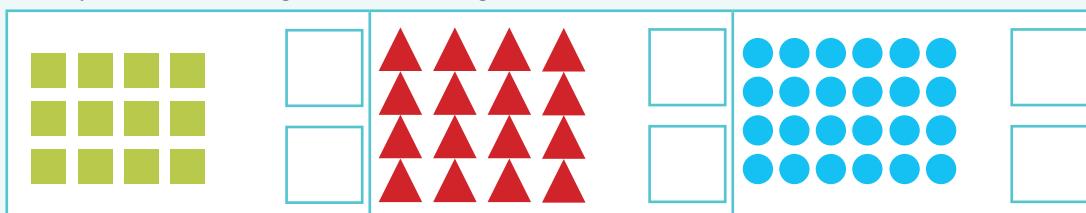
Zingaphi iimilo ezikhoyo? Nika isiqingatha seemilo.



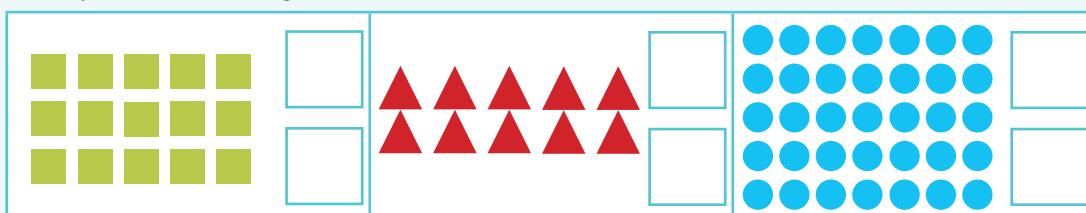
Zingaphi iimilo ezikhoyo. Nika isithathu seemilo.



Zingaphi iimilo ezikhoyo? Nika ikota yeemilo.



Zingaphi iimilo ezikhoyo? Nika isihlanu seemilo.





Gqibezela itheyibhile engezantsi.



Isivakalisi samanani sophinda-phindo	Isivakalisi samanani sokwahlula	Yintoni	Yintoni
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$$2 \times 3 = 6$$

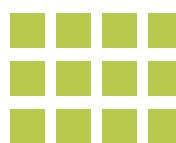
okanye
 $3 \times 2 = 6$

$$6 \div 2 = 3$$

okanye
 $6 \div 3 = 2$

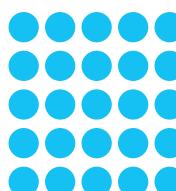
Isiqingatha sezi zinto?
 3

Isithathu sezi zinto?
 2



Isithathu sezi zinto?

Ikota yezi zinto?



Ikota yezi zinto?

Ishlanu sezi zinto?



Sebenzisa izintlu ubonise:

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 amaqqunube ukuze amanye abe ngawevanila.



Ikota mayibe ngamaqbengwana etshokolethi ukuze amanye abe ngawevanila.



Isithathu mayibe ngamaqbengwana ekharamele ukuze amanye abe ngawevanila.



Teacher:
 Sign:
 Date:

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19

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Iqhezu lengqokelela yezinto

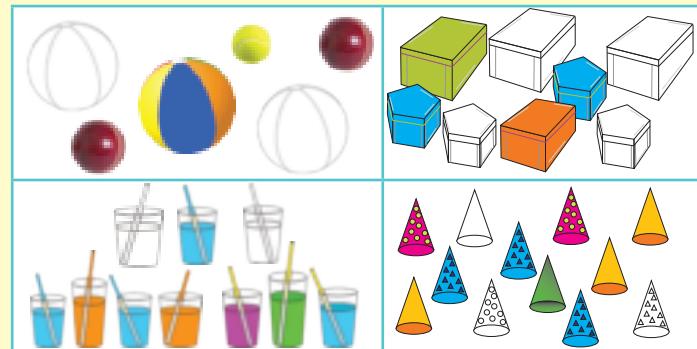
Jonga ezi nkcazelu uze uxitshatise nemifanekiso ubonise ukuba leliphi iqhezu elifakelwe umbala. Thetha ngoku.

Isiqingatha esi-l sengqokelela yezinto

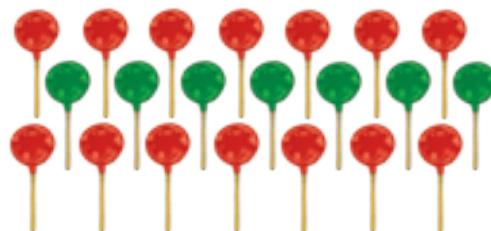
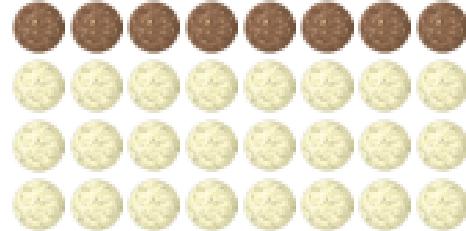
Isithathu esi-l sengqokelela yezinto

Ikota e-l yengqokelela yezinto

Isihlanu esi-l sengqokelela yezinto



Zakhele esakho isivakalisi ngemifanekiso engezantsi. Kufuneka usebenzise amagama amaqhezu 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? _____

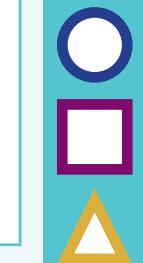
Zoba umfanekiso ubonise impendulo yakho.



Qhezu lini lamaqebengwana elihonjiswe ngombala omthubi?

Ngombala opinki?

Ngombala ozuba?



Teacher:
Sign:
Date:

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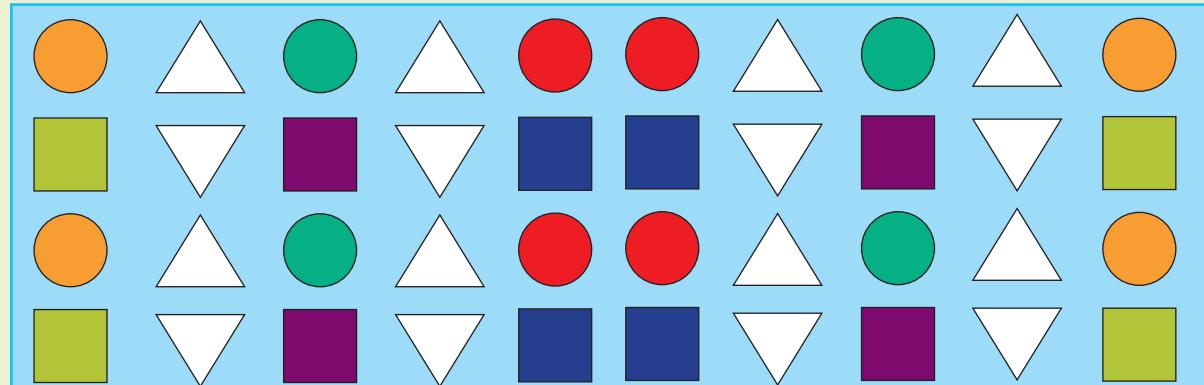


Jonga imifanekiso yengubo. Uqaphela ntoni?

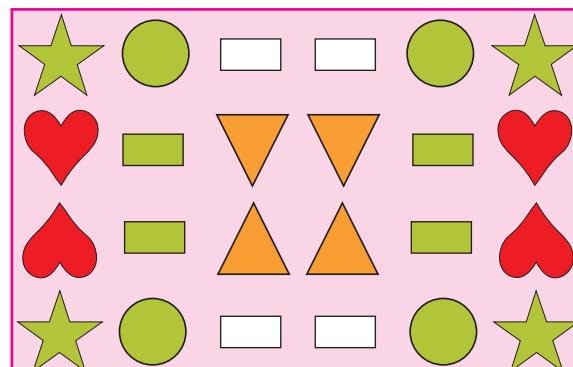
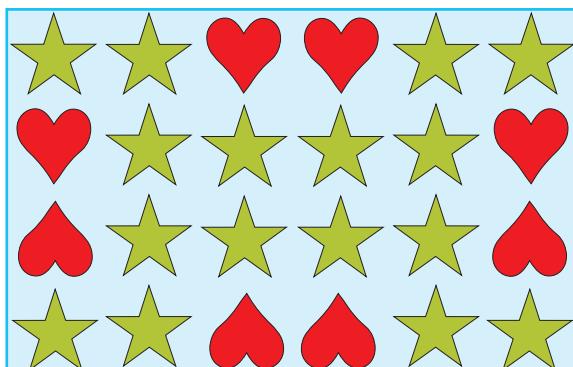
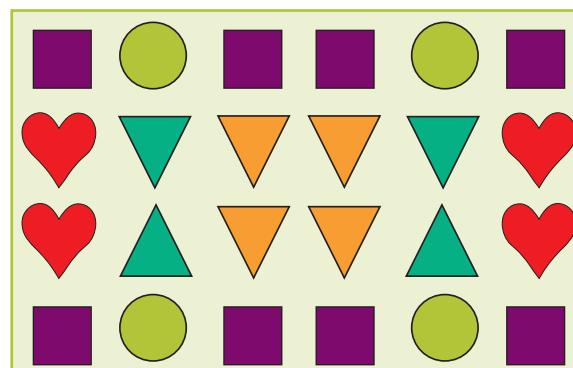
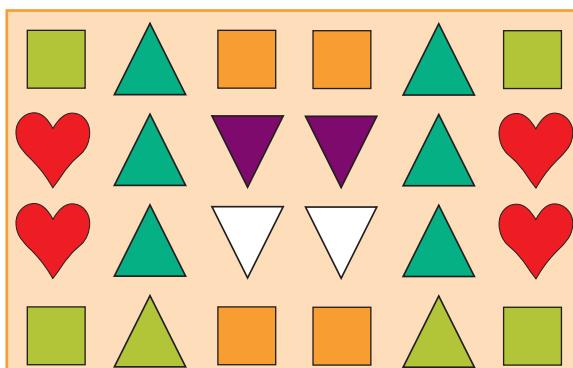
Ikota yesi-4

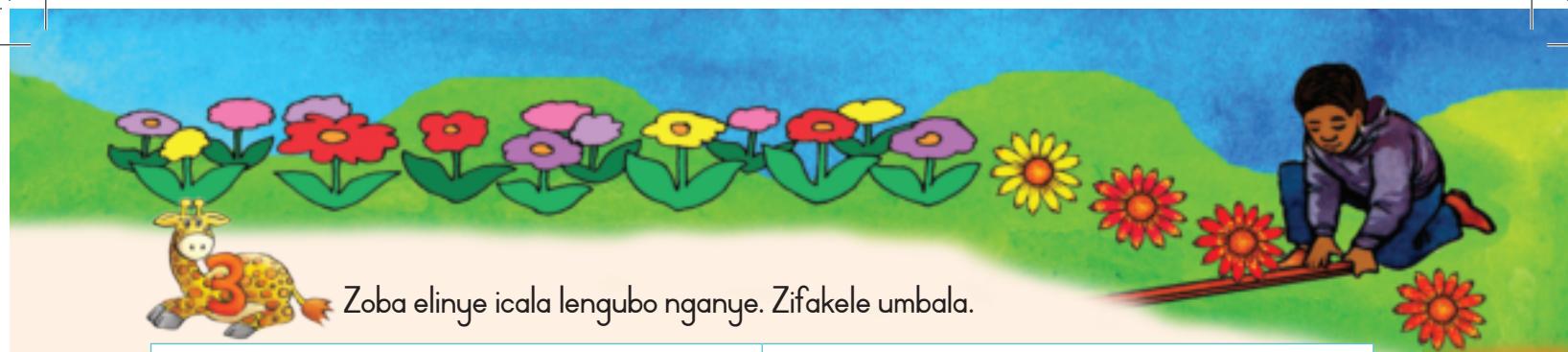
Ukufana twatse kwiipatheni

Umhla:

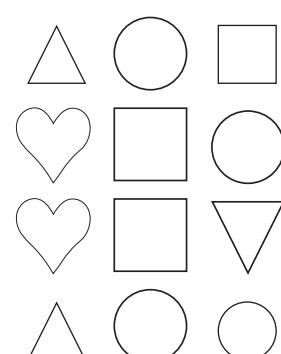
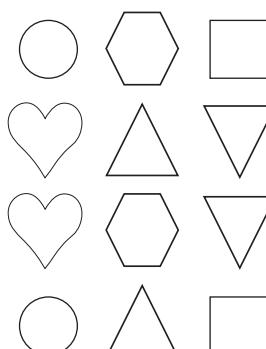
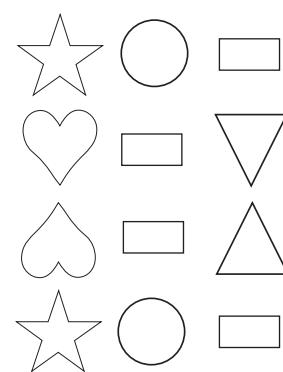
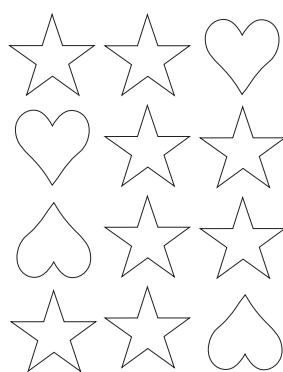
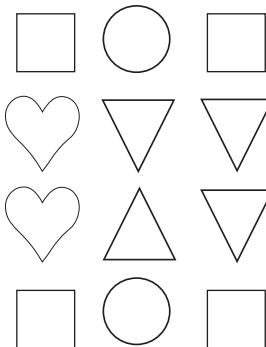
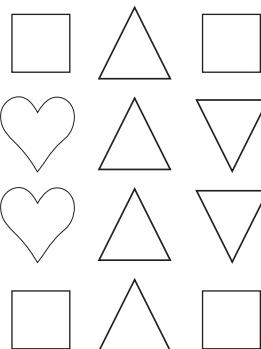


Krwela imigca ukuze icala ngalinye lezi ngubo lifane twatse nelinye icala.





Zoba elinye icala lengubo nganye. Zifakele umbala.



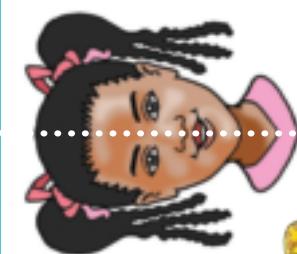
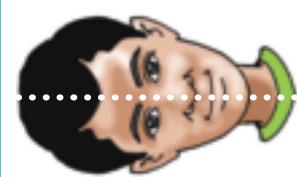
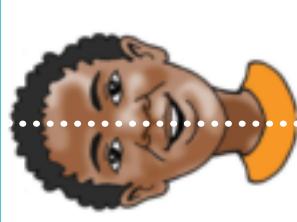
Teacher:
Sign:
Date:

20 19 18 17 16 15 14 13 12 10 9 8 7 6 5 4 3 2

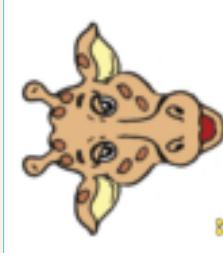
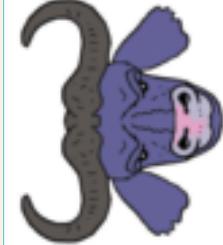
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Okunye ngoomatwa-totse

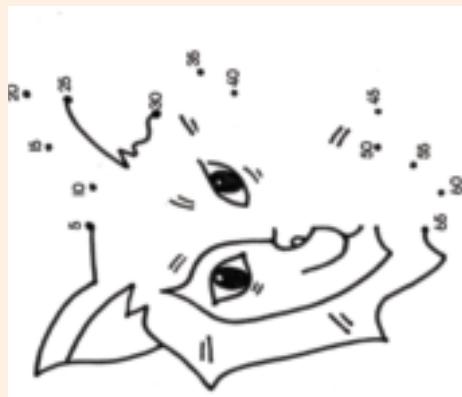
Jonga imfanekiso yemilo.
Ingabia icala elinye liyafana nelinye icala?



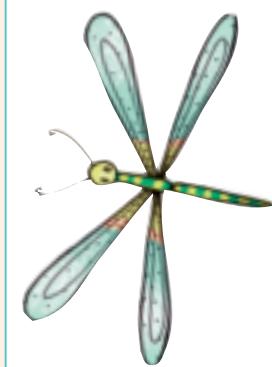
Krwela umgca ukuze icala elinye lobuso illifane twatse nelinye icala.



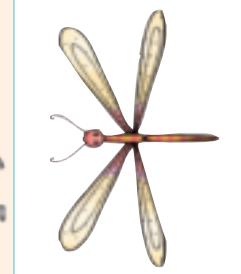
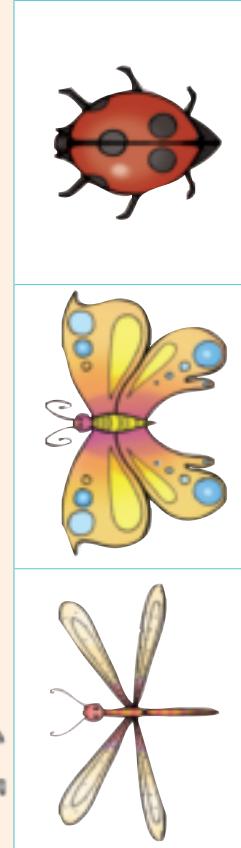
Zoba elinye icala lobuso.
Tipatheni zamani ziza kukunceda.



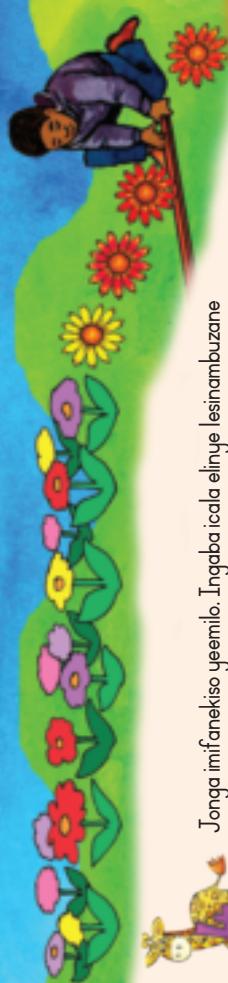
Jonga imfanekiso yemilo.
Ingabia icala elinye liyafana nelinye?



Krwela umgca ukuze icala elinye lesinambuzane lifane nelinye icala.



Zoba elinye icala lesinambuzane.



Iktota yesi-L