Ukufunda ngoMgaqo-siseko weRiphablikhi yoMzantsi Afrika (1996)

Umgaqo-siseko weli loMzantsi Afrika (1996) uqulethe eyona mithetho yongameleyo yeli lizwe. Le mithetho ingaphezulu komongameli welizwe, ngaphezulu kweenkundla zamatyala nangaphezulu kukarhulumente.

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

Masiyazi imvelaphi yethu.	Masingaphindi iimpazamo zexesha elidlulileyo.	Umgaqo-siseko wethu uyasinceda ukuze sakhe ingomso eling cono lomntu wonke.

Thina, bantu boMzantsi Afrika,
Siyaziqonda iimeko zolwaphulo-bulungisa zamaxesha ethu adlulileyo;
Sibanika imbeko abo beva ubunzima bebulalekela ubulungisa nenkululeko elizweni lethu;
Siyabahlonela abo bathi basebenzela ukwakha nokuphuhlisa ilizwe lethu; kwaye
Sikholelwa ekubeni uMzantsi Afrika ngowethu sisonke thina sihlala kuwo, simanyene nangani siziintlobo ngeentlobo.
Thina ke ngoko, ngabameli bethu abanyulwe ngokukhululekileyo, siyawuvuma lo mGaqo-siseko ukuba ungowona mthetho wongameleyo weRiphablikhi ukuze—

- Ungcibe udibanise izantlukwano zangaphambili uze wakhe uluntu olusekwe kwizithethe ezixabisekileyo zedemokhrasi, ubulungisa kwezentlalo namalungelo abantu asisiseko;
- Wenze isiseko soluntu oluphila ngendlela yedemokhrasi nolwenza izinto elubala apho urhulumente asekelwe kwintando yabantu nalapho wonke ummi ekhuselwe ngokulinganayo ngumthetho;
- Uphucule ixabiso lokuphila kwabo bonke abemi, uze uvumele ukusebenza kwesakhono somntu ngamnye; kanjalo



Wakhe uMzantsi Afrika omanyeneyo nonedemokhrasi onakho ukuthabatha indawo yawo efanelekileyo njengelizwe elinobunganga kusapho lwezizwe ngezizwe.

Wabange amalungelo a kho njengommi weli loMzantsi Afrika kwaye nawe uluthathele kuwe uxanduva lokukhusela amalungelo aba nye.	Wazi amalungelo akho noxanduva lwakho.



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

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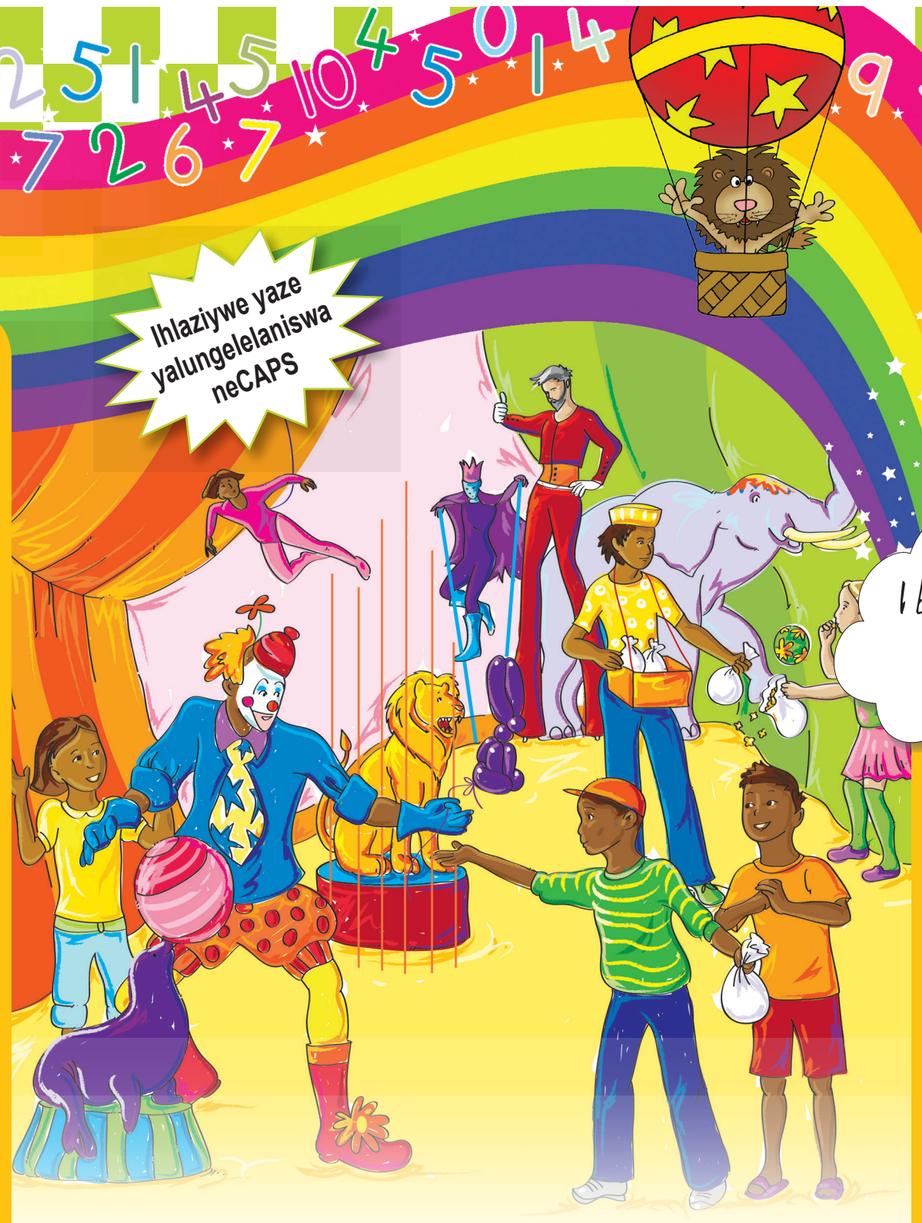
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Iziqulatho



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UNksz Angie Motshekga
uMphathiswa weMfundo esisiSeko



UGqir Reginah Mhaule
uSekela Mphathiswa weMfundo esisiSeko

Ezi ncwadi zilungiselelwe abantwana boMzantsi Afrika phantsi kwephiko loMphathiswa weMfundo esisiSeko uNksz Angie Motshekga kunye noSekela Mphathiswa weMfundo uGqir Reginah Mhaule.

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

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

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.

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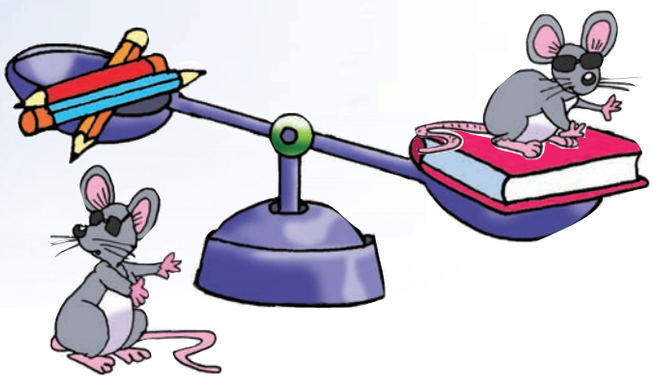
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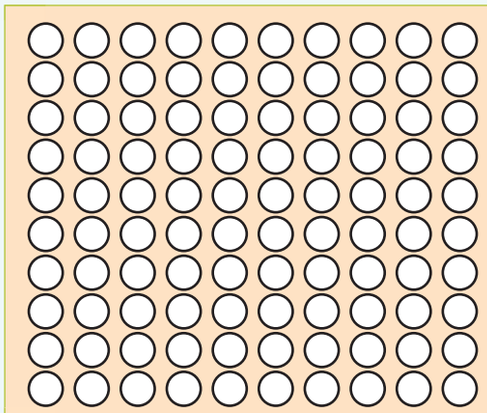
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65

Umhla:

Amanani 50–99

Fakela imibala kwizangqa ezingama-58.



5 0

8

Bhala impendulo. Umzekelo wokuqala uza kukukhokela.

6 0 8 60 + 8 = 68	8 0 6 =	5 0 3 =
7 0 1 =	9 0 5 =	6 0 9 =

Bhala iimpendulo zakho ngamagama:

Amashumi amathandathu anesibhozo

1 2 3 4 5 6 7 8 9 10

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Bhala amanani abe mabini amancinci kunye namanani abe mabini amakhulu kunenani olinikiweyo.

Ncinane		Inani	Khulu	
		55		
		63		
		88		
		95		
		71		

Gqibezela le migca-manani.

80 81 82 ☐ ☐ ☐ 86 87 ☐ 89 90

60 59 58 ☐ ☐ ☐ ☐ ☐ ☐ ☐ 50

67 68 69 ☐ ☐ ☐ 73 74 ☐ ☐ 77

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

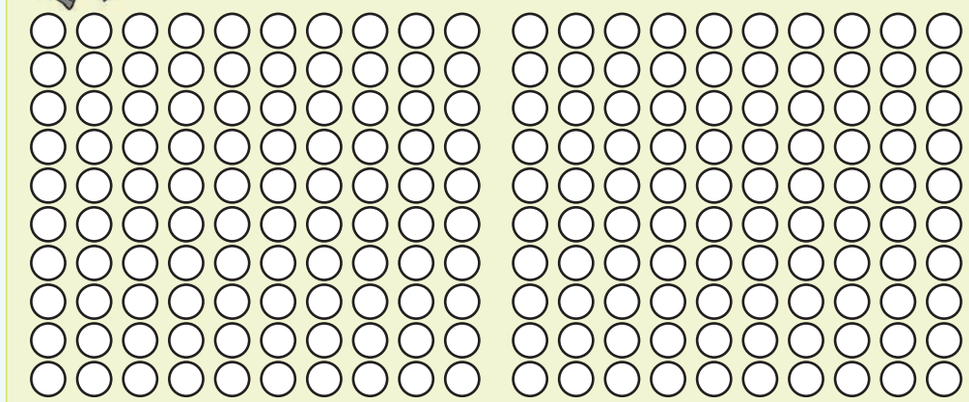
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Umhla: _____

Amanani 100–150

Ikota yesi-3

1 Faka umbala kwizangqa ezili-139.



2 Bhala inani:

1 0 0 / 2 0 / 8 100 + 20 + 8 = 128	1 0 0 / 4 0 / 9 =	1 0 0 / 4 0 / 2 =
1 0 0 / 5 0 =	1 0 0 / 2 0 / 7 =	1 0 0 / 3 0 / 5 =

3 Ngawaphi amanani aphakathi:

kwe-103 ne-105? _____

kwe-139 ne-141? _____

kwe-120 ne-122? _____

kwe-150 ne-148? _____

kwe- 146 ne-148? _____

1 2 3 4 5 6 7 8 9 10

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Bhala amanani abe mabini amancinane kunye namanani abe mabini amakhulu kunenani olinikiweyo.

Ncinane		Inani	Khulu	
		123		
		145		
		108		
		141		
		134		

Gqibezela le migca-manani.

150 151 ☐ 153 ☐ ☐ 156 ☐ ☐ ☐ 160

180 179 178 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

166 167 ☐ ☐ ☐ ☐ 172 ☐ ☐ 175 176

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

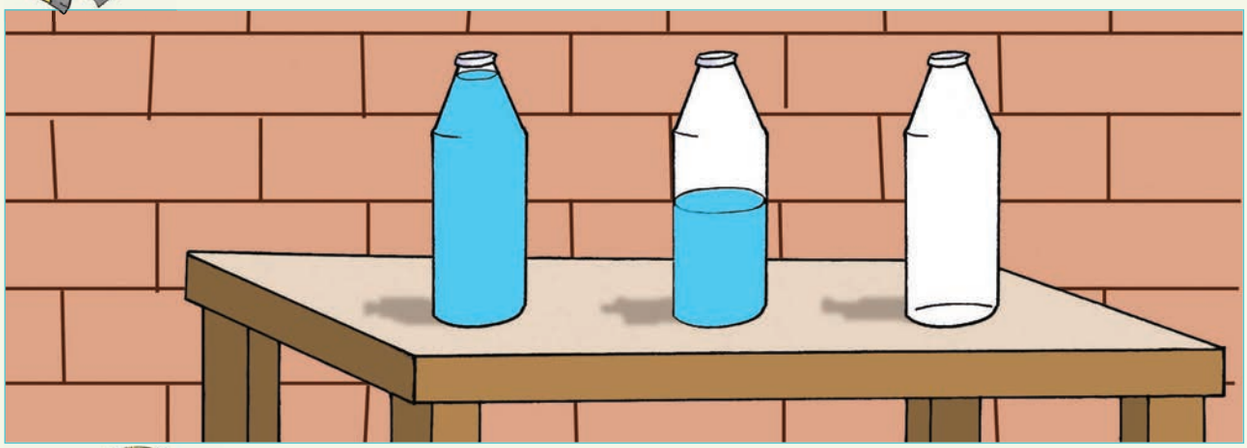
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67

Umhla:

Izele, isehafini, ayinanto

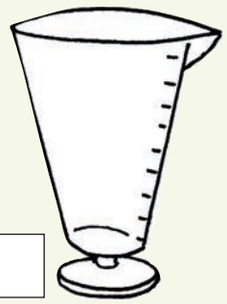
Ncokola ngeebhotile ezisetafileni katitshala.



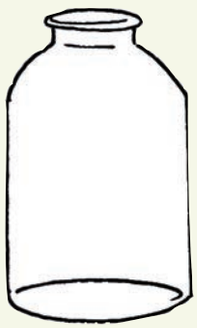
Xela ukuba isikhongozeli sizele, sisehafini okanye asinanto na.







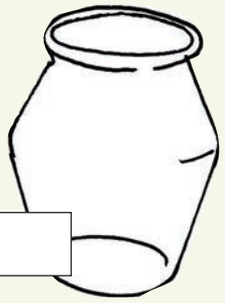




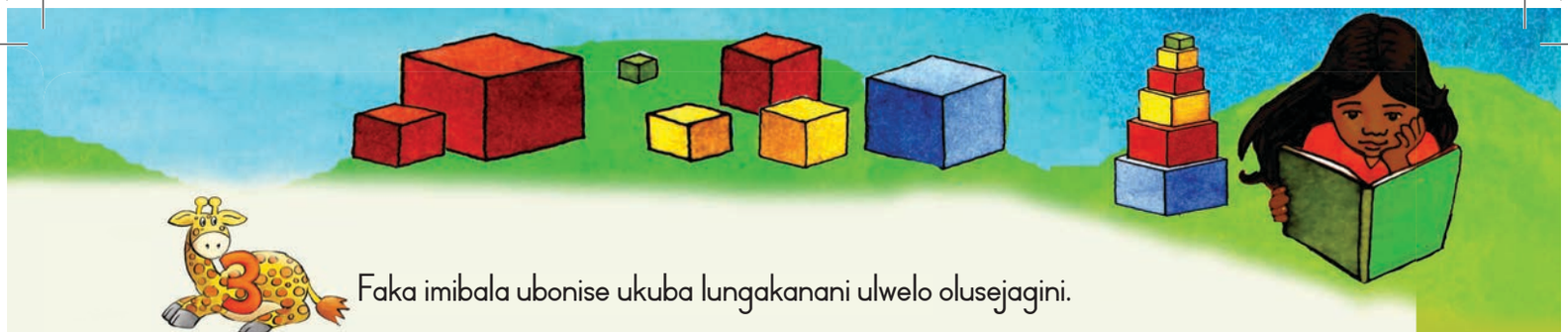




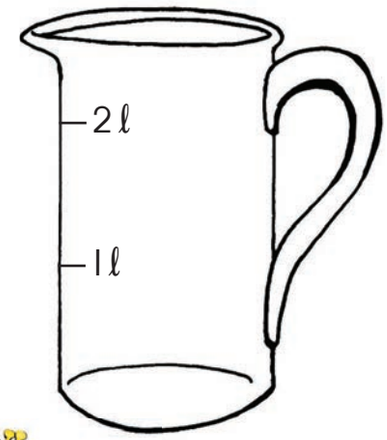
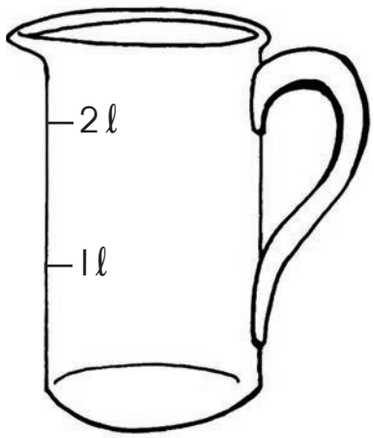
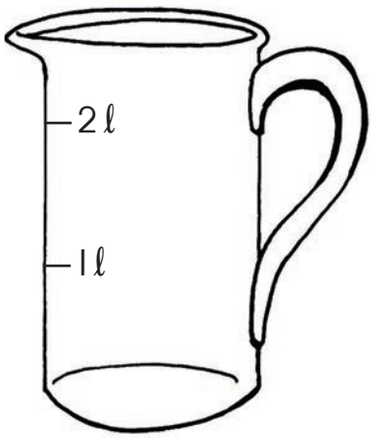




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Faka imibala ubonise ukuba lungakanani ulwelo olusejagini.

Izele	Isehafini	Akukho nto
		



Zoba ezakho iijagi. Zoba iijagi 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

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68

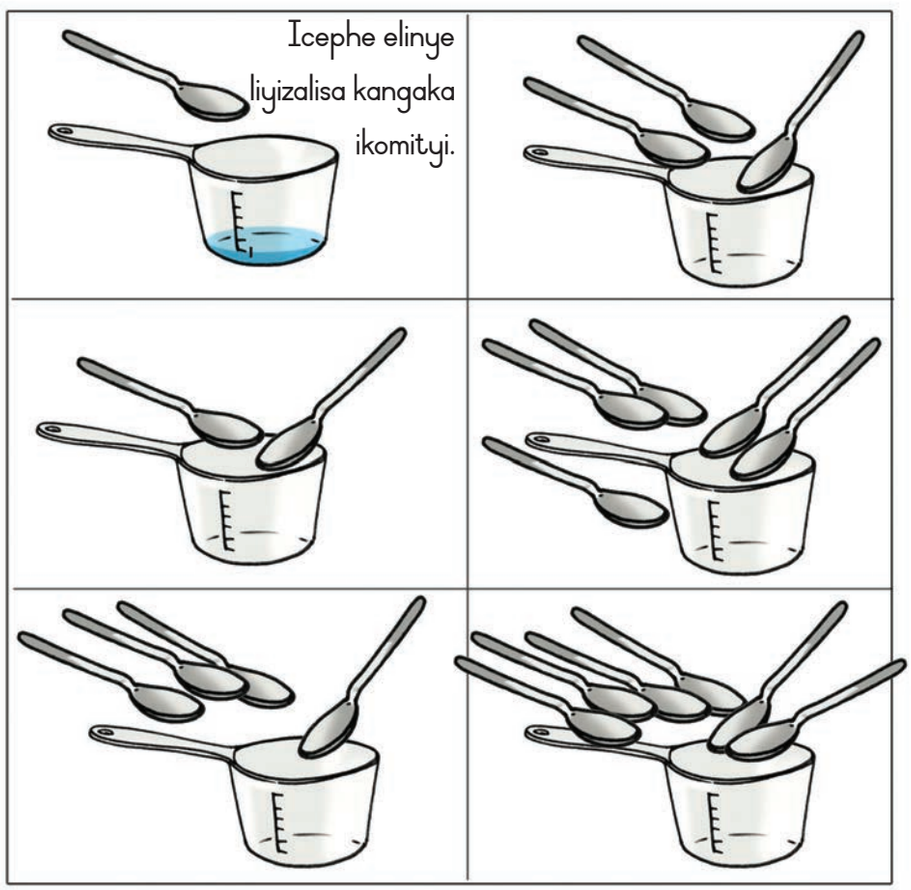
Umthla:

Umthamo

1 Jonga emifanekisweni. Benza ntoni abantwana?



2 Mangaphi amacephe afunekayo ukuze azalise ikomityi? Fakela umbala.

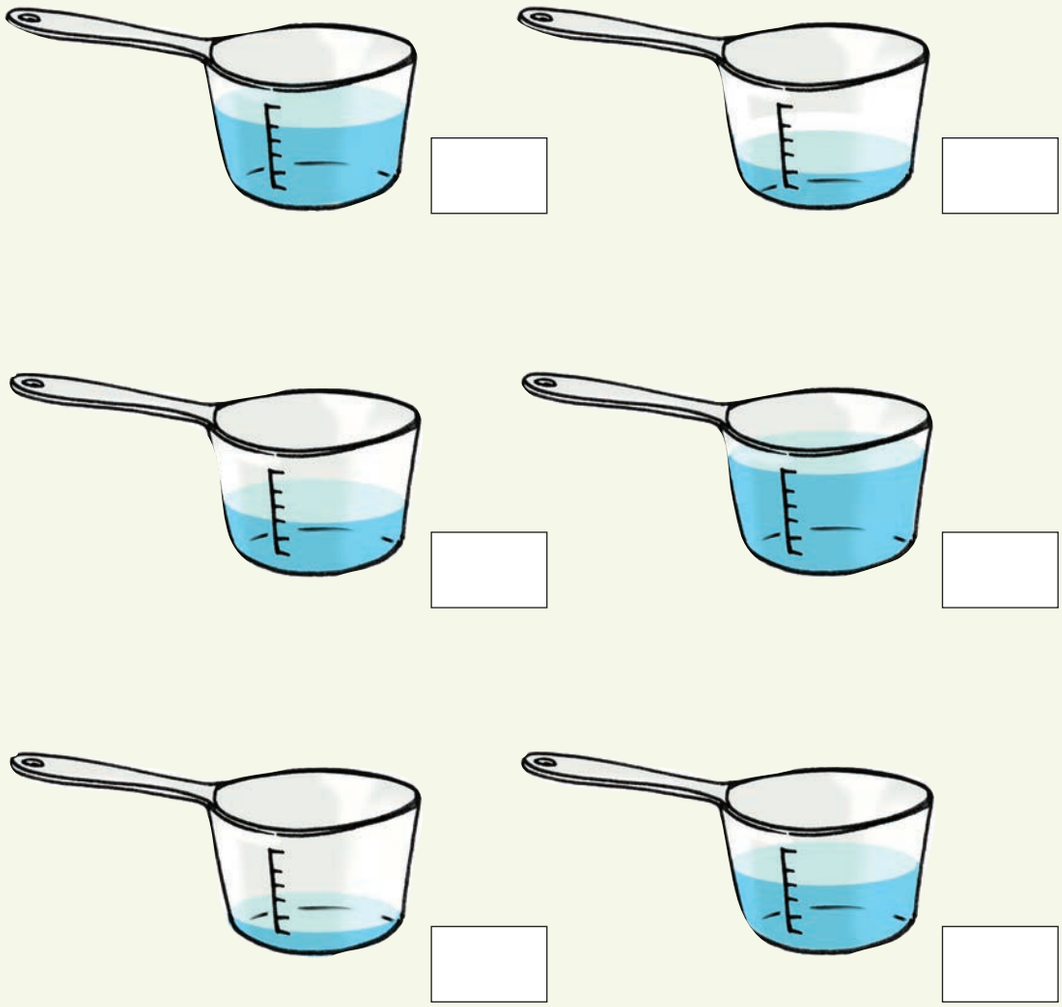


1 2 3 4 5 6 7 8 9 10

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Mangaphi amacephe angaphezulu afunekayo ukuzalisa ikomityi?





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

Teacher:

Sign:

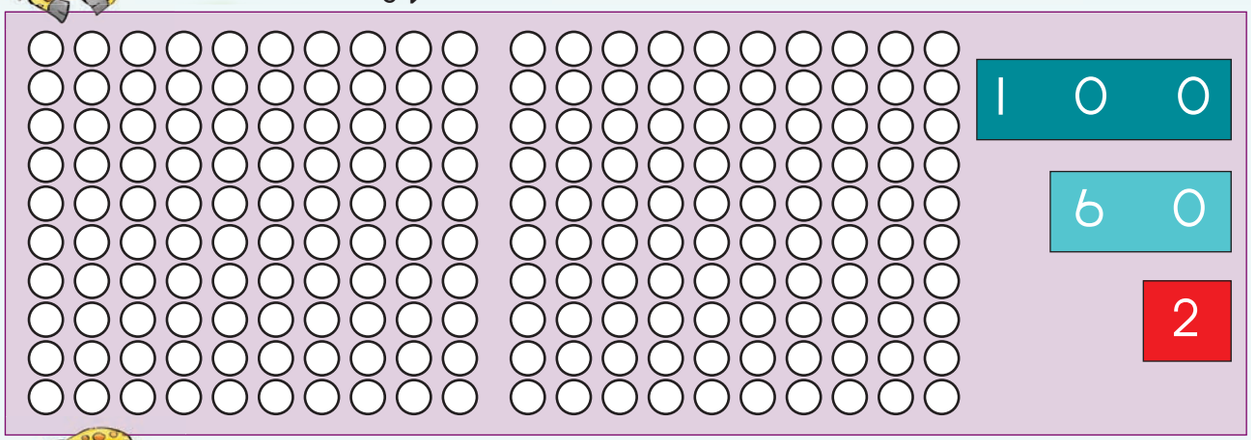
Date:

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Umhla:

Amanani 150–170

Faka umbala kwizangqa ezili-162.



Bhala inani:

1 0 0 / 5 0 / 2 100 + 50 + 2 = 152	1 0 0 / 6 0 / 7 =	1 0 0 / 7 0 =
1 0 0 / 6 0 / 9 =	1 0 0 / 5 0 / 4 =	1 0 0 / 6 0 / 1 =

Ngawaphi amanani aphakathi:

kwe-150 ne-155 _____

kwe-158 ne-162 _____

kwe-170 ne-165 _____

kwe-163 ne-167 _____

kwe-172 ne-166 _____

XHO MAT G2 B2 9781431501380.indb 10 2014/07/07 3:49 AM



Bhala amanani abe mabini amancinane kunye namanani abe mabini amakhulu kunenani olinikiweyo.

Ncinane		Inani	Khulu	
		155		
		168		
		151		
		162		
		160		

Gqibezela le migca-manani.

150 151 152 ☐ ☐ ☐ ☐ 157 158 ☐ ☐

154 155 156 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

160 ☐ 162 ☐ 164 165 ☐ ☐ ☐ ☐ 170

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

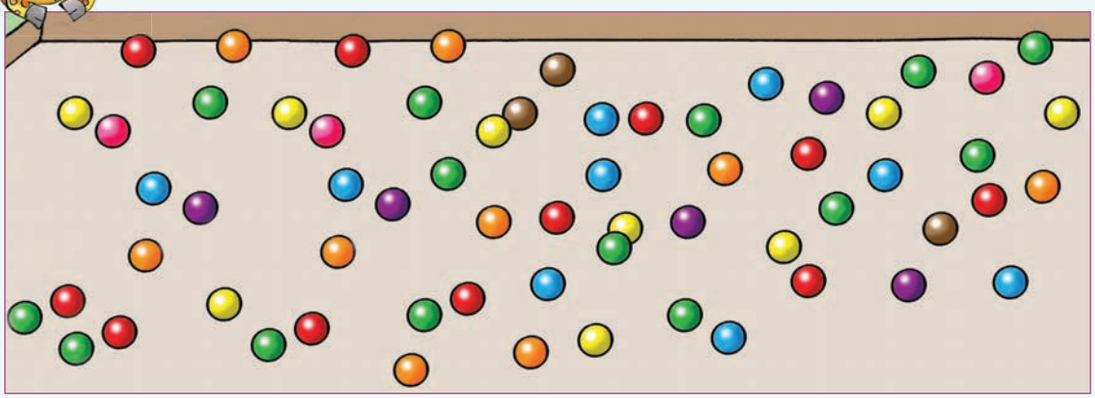
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Umhla:

Ukubala kunye nokuqikelela (0–100)

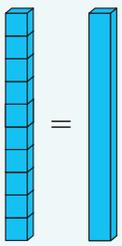
Qikelela uze ubale amaso.

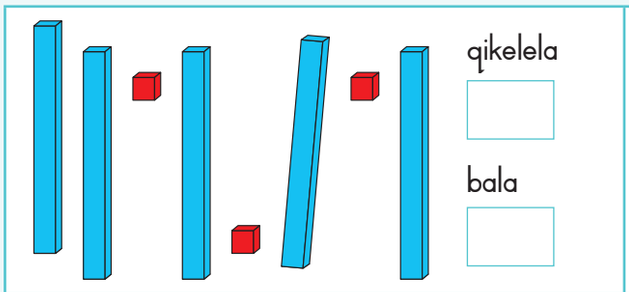


qikelela

bala

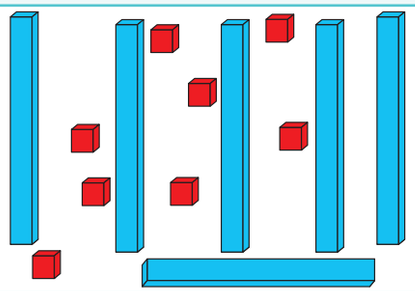
Kukho iibloko ezili-10 kwisikhongozeli.
Qikelela uze ubale.





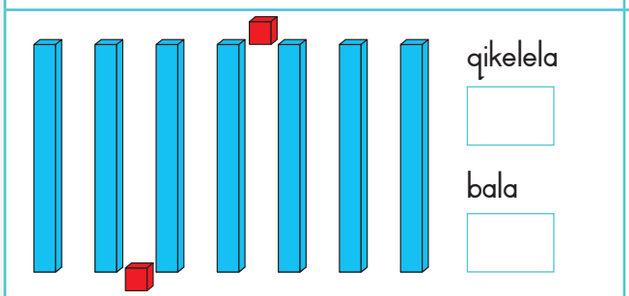
qikelela

bala



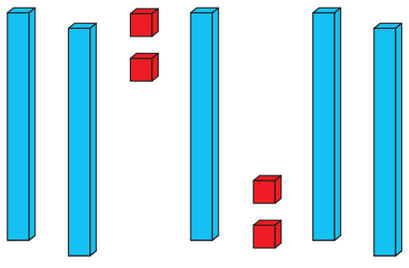
qikelela

bala



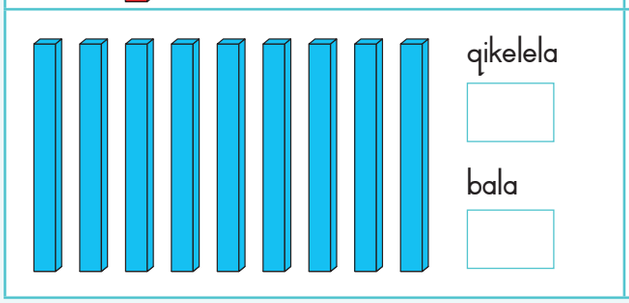
qikelela

bala



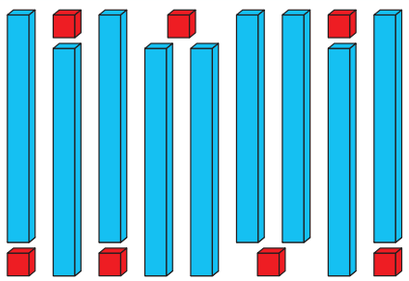
qikelela

bala



qikelela

bala

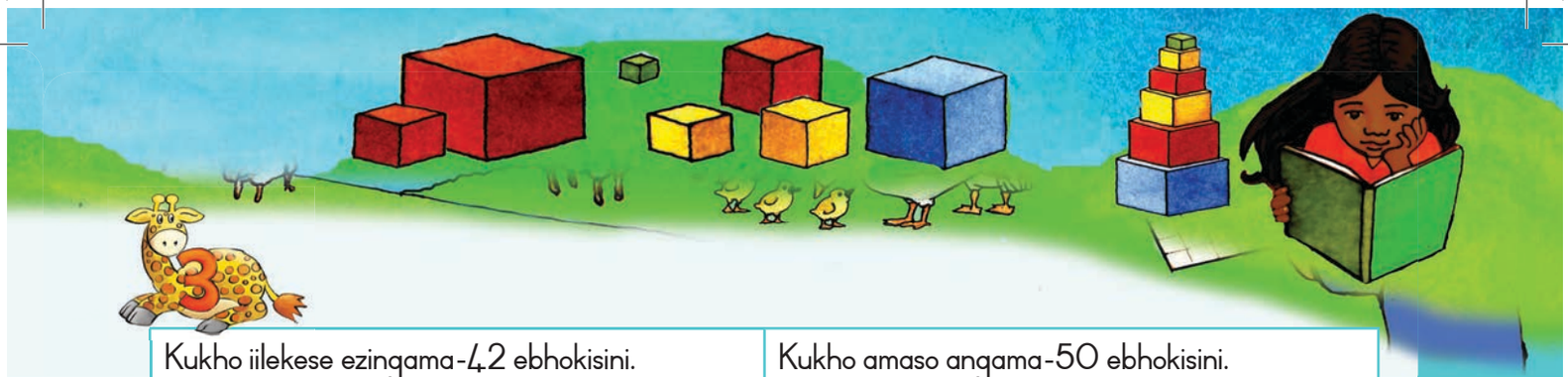


qikelela

bala

1 2 3 4 5 6 7 8 9 10

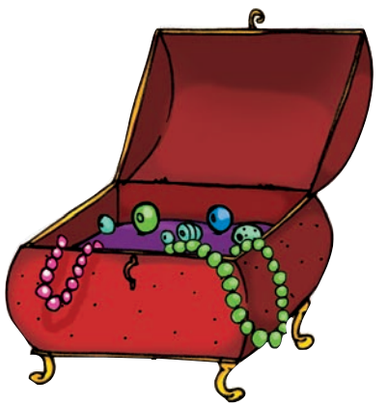
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Kukho iilekese ezingama-42 ebhokisini.
Zingaphi ezifihlakeleyo?



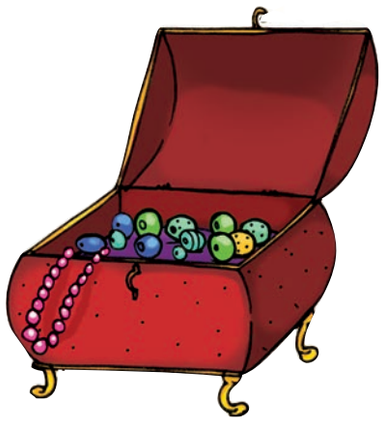
Kukho amaso angama-50 ebhokisini.
Mangaphi afihlakeleyo?



Kukho iilekese ezingama-78 ebhokisini.
Zingaphi ezifihlakeleyo?

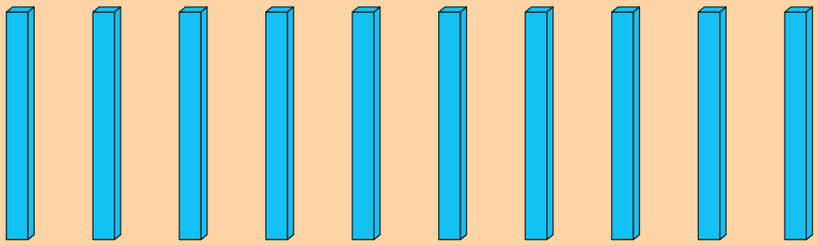


Kukho amaso ali-100 ebhokisini.
Mangaphi afihlakeleyo?



Ukhawuleza kangakanani ukwenza oku?

Isikhongozeli ngasinye sineebloko ezili-10. Zingaphi iibloko ezikhoyo?



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Umhla:

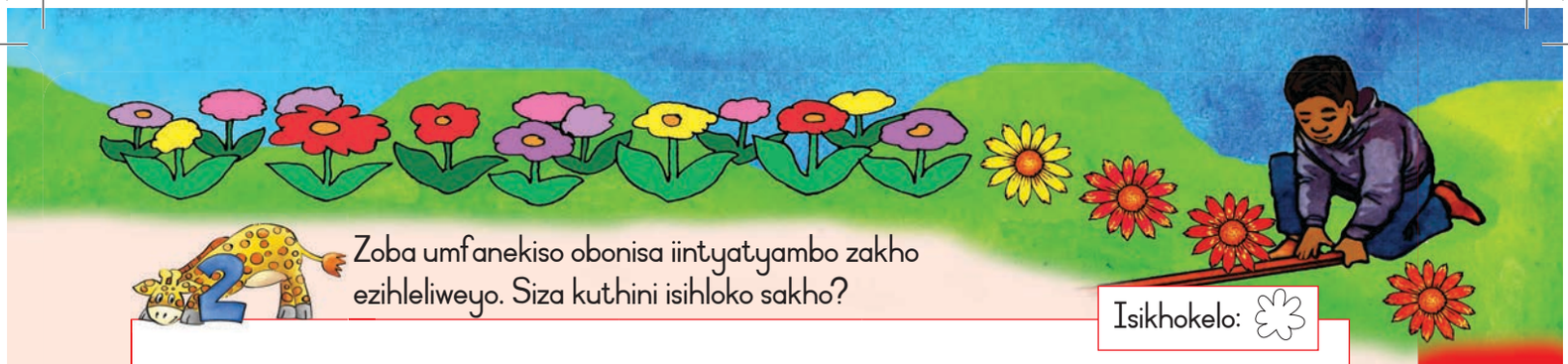
Ezinye iinkcukacha





Hlela iintyatyambo. Zenzele owakho umfanekiso. Bhala isiphumo ebhokisini.

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Zoba umfanekiso obonisa iintyatyambo zakho ezihleliweyo. 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?



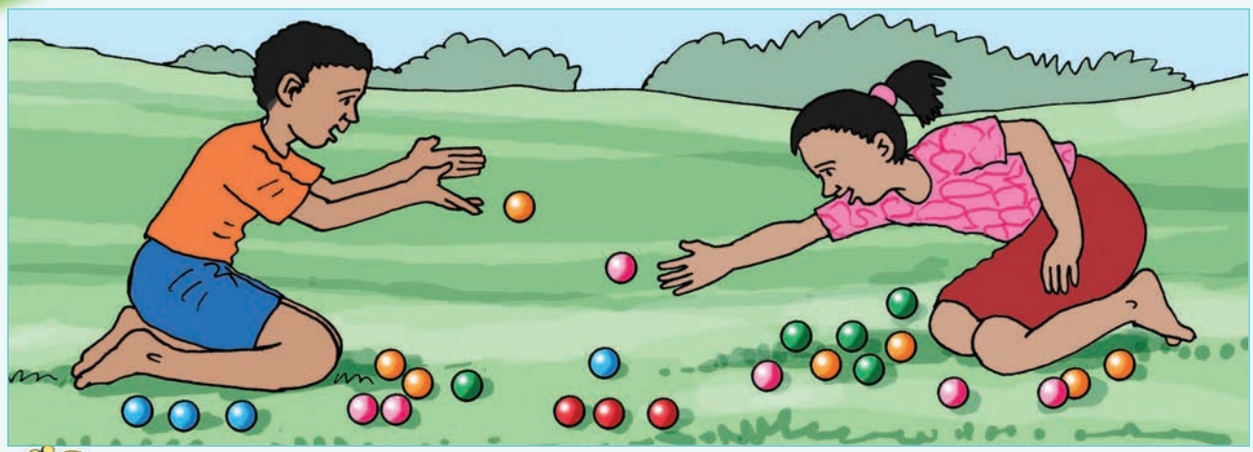
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72

Umhla:

Ukudibanisa 0–50



1

Jonga umfanekiso uze udibanise amapetyu.

bomvu	+	zuba		+		=		
luhlaza	+	zuba		+		=		
pinki	+	zuba		+		=		
luhlaza	+	orenji		+		=		
bomvu	+	luhlaza		+		=		

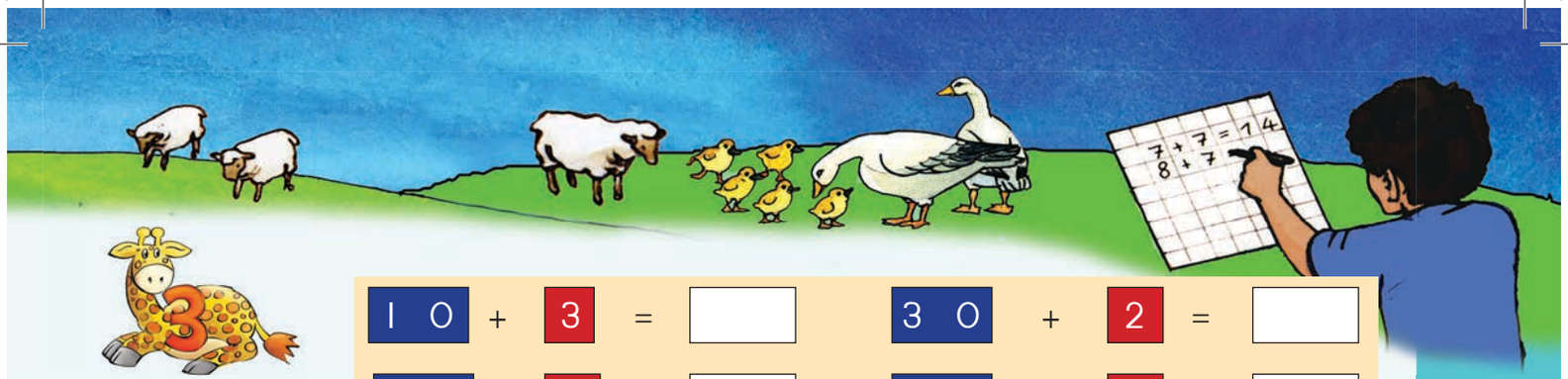
2

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

2	5	3	7
10	20	30	40
7 + 40 = 47	10 + 2 = 12	20 + 5 = 25	3 + 30 = 33

1 2 3 4 5 6 7 8 9 10

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Dibanisa.

10	+	3	=		30	+	2	=	
20	+	5	=		30	+	7	=	
40	+	1	=		20	+	6	=	
10	+	4	=		40	+	8	=	
30	+	9	=						



Dibanisa.

16 + 13

6		3		9				
10	+	10	=	20				
16	+	13	=	29		+		=

24 + 12

4		2						
20	+	10	=			+		=

37 + 11

7		1						
30	+	10	=			+		=

25 + 23

5		3						
20	+	20	=			+		=

36 + 12

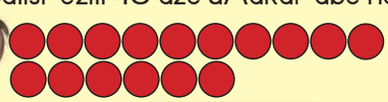
6		2						
30	+	10	=			+		=

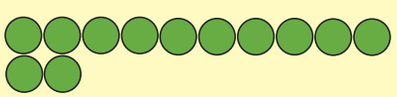
28 + 21

8		1						
20	+	20	=			+		=

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









Zingaphi zizonke?

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73

Umhla:

Ukudibanisa 0–75



Nika isiphumo sebloko nganye. Gqibezela.

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



Dibanisa.

12 + 11

__ __ + __ __

= __ + __ + __ + __

= __ + __

= __

23 + 41

__ __ + __ __

= __ + __ + __ + __

= __ + __

= __

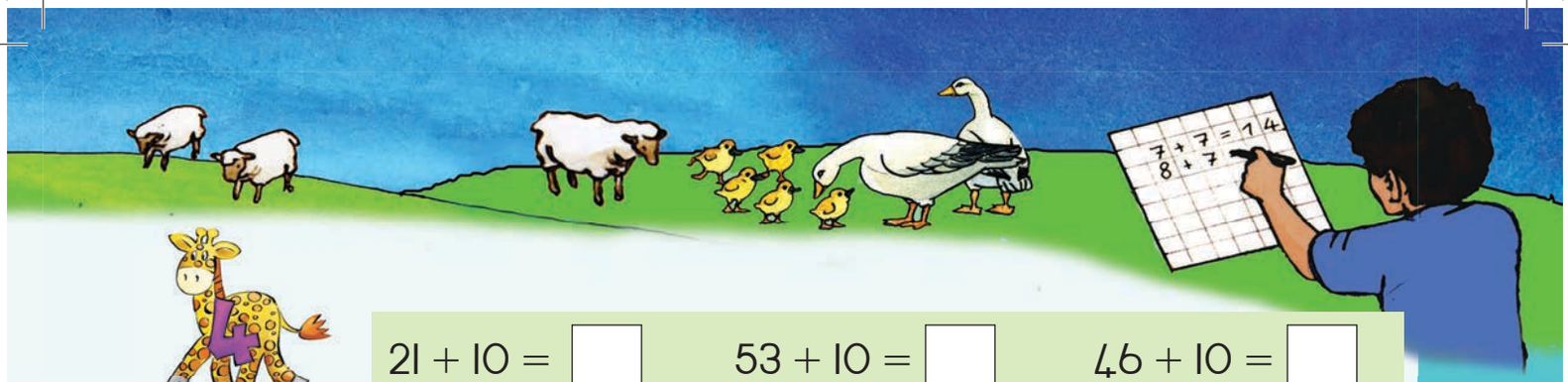


Gqibezela.

28	+	11	=	2 8	+	1 0	+	1	=	38	+	1	=	39
34	+	12	=	3 4	+	1 0	+	2	=		+		=	
43	+	23	=	4 3	+	2 0	+	3	=		+		=	
45	+	23	=	4 5	+	2 0	+	3	=		+		=	
56	+	11	=	5 6	+	1 0	+	1	=		+		=	

1 2 3 4 5 6 7 8 9 10

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4 Dibanisa.

21 + 10 = ☐	53 + 10 = ☐	46 + 10 = ☐
68 + 10 = ☐	37 + 10 = ☐	42 + 10 = ☐
74 + 10 = ☐	19 + 10 = ☐	55 + 10 = ☐

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

6 Zenzele esakho isibalo samagama usebenzise imifanekiso.



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74

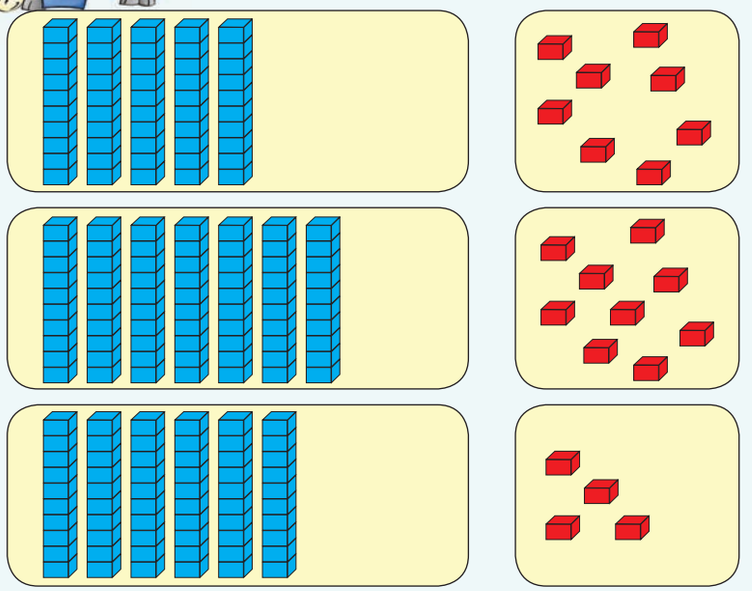
Umhla:

Ukudibanisa nokuthabatha: 0–75

1 Tshatisa amakhadi. Krwela umgca osuka kwisibalo uye emakhadini achanekileyo.

9	5	4	7
6 0	5 0	7 0	4 0
7 + 40 = 47	60 + 9 = 69	50 + 5 = 55	4 + 70 = 74

2 Bhala isibalo sokulandelayo uze ubhale iimpendulo.



___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

3 Dibanisa.

6 0	+	4	=		3 0	+	2	=	
4 0	+	9	=		5 0	+	4	=	
2 0	+	8	=		1 0	+	7	=	
7 0	+	5	=		7 0	+	8	=	
5 0	+	6	=						

1 2 3 4 5 6 7 8 9 10

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Dibanisa.

56 + 15

56 + 15 = 71

34 + 17

□ + □ = □

48 + 13

□ + □ = □

63 – 41

□ – □ = □

75 – 51

□ – □ = □

72 – 49

□ – □ = □

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





Zingaphi zizonke? _____

Teacher:
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Date:

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75

Umhla:

Iibhola, iibhokisi neesilinda



Usakhumbula ukuba zeziphi ezi milo?

La magama angakunceda:

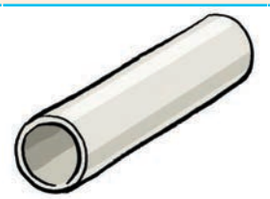
- iibhokisi
- iibhola
- iisilinda

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







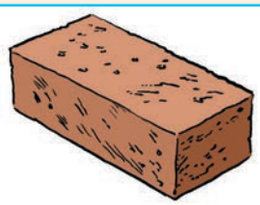














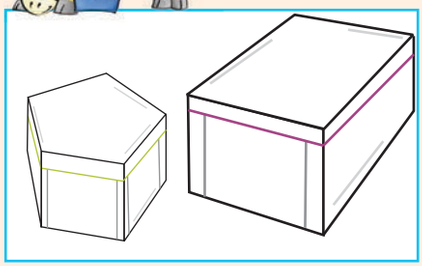




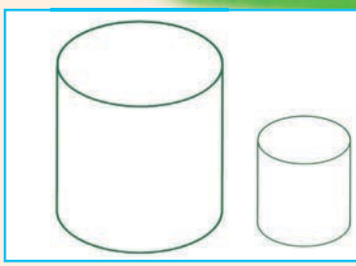
1 2 3 4 5 6 7 8 9 10

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Fakela umbala ozuba kwezincinci.







iibhokisi	iibhola	iisilinda

Zoba enkulu.









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

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Umhla:

Tyibilika, qengqeleka uze wakhe ngeemilo ezingu-3D

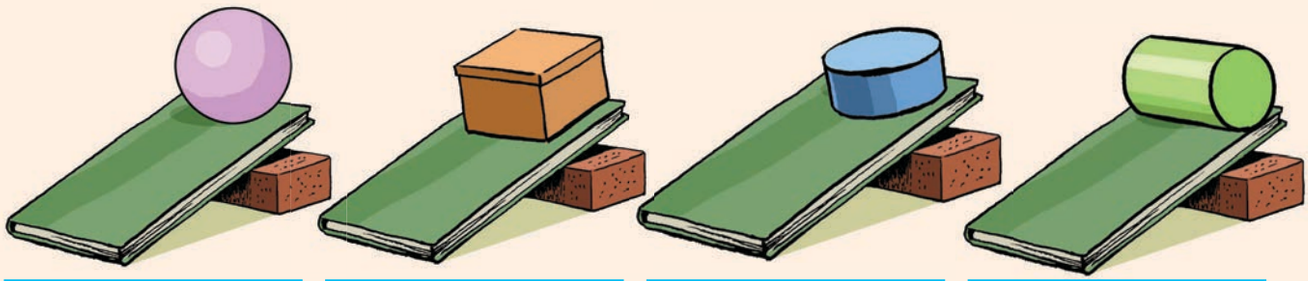


Utitshala uza kuwenza kunye nani lo msetyenzana ukuze abone ukuba ezi zinto ziyahlala na:

- Ibhokisi phezu kwebhokisi.
- Ibhola phezu kwebhokisi.
- Ibhola phezu kwebhola.
- Iibhokisi ezimbini phezu kwebhokisi enye.



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

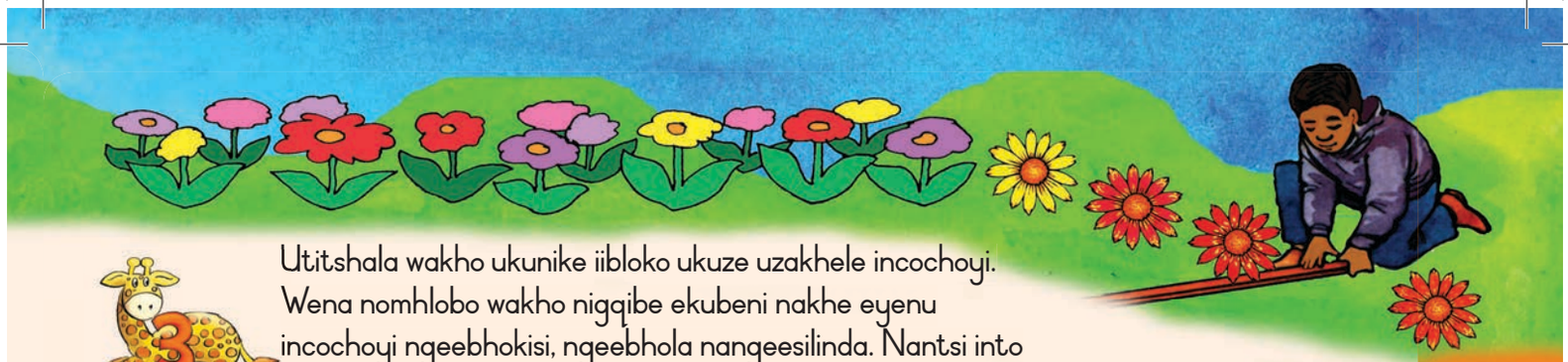




Khangela kwimagazini imifanekiso yezinto eziqengqelekayo okanye ezityibilikayo uze uzincamathelise apha.

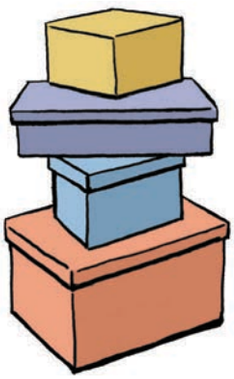
iyaqengqeleka	iyatyibilika

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

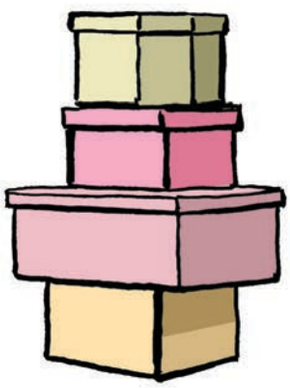


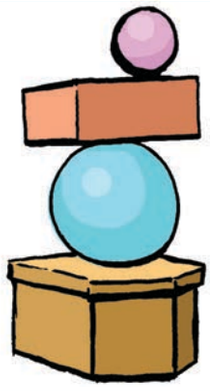




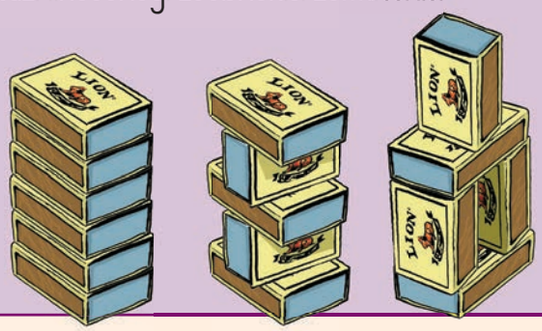
Oku kuza kusebenza







Nazi iincochoyi zeebhokisi zematshisi



Uza kufuna oku:
Iibhokisi zematshisi.

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

Teacher:
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Date:

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77

Umhla:

Okunye ukudibanisa nokuthabatha 0–75

Dibanisa amanani akwibloko nganye uze ubhale impendulo.

50	50	40	30
2	7	4	8
20	10	10	20
3	2	3	1

2 Dibanisa usebenzise eyakho indlela.

52 + 21

43 + 28

3 Gqibezela.

28	+	31	=	28		+	30	+	1	=	58	+	1	=	59
45	+	32	=	45		+	30	+	2	=		+		=	
52	+	14	+	52		+	10	+	4	=		+		=	

4 Ukudibanisa.

41 + 10 = ☐ 44 + 10 = ☐ 71 + 10 = ☐

5 Ama-36 adibene nama-24 enza_____.
Zoba umfanekiso obonisa impendulo yakho.

1 2 3 4 5 6 7 8 9 10

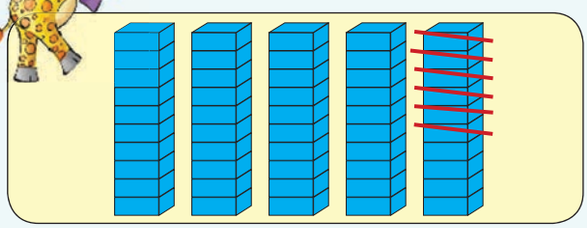
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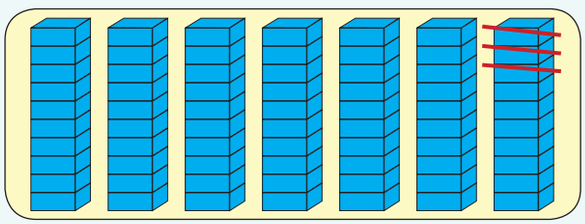


6 Thabatha amanani akwibhokisi esezantsi kumanani akwibhokisi engasentla.

5 70	2 60	7 50	9 30
3 40	1 20	6 10	5 10

7 Bhala isibalo soku:





[ ] – [ ] = [ ]

[ ] – [ ] = [ ]

8 Thabatha:

65 – 23

72 – 29

9 Thabatha.

61 – 10 = [ ]

42 – 10 = [ ]

37 – 10 = [ ]

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



Mangaphi amapetyu ashiyekileyo? ____

Teacher:
Sign:
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11 12 13 14 15 16 17 18 19 20

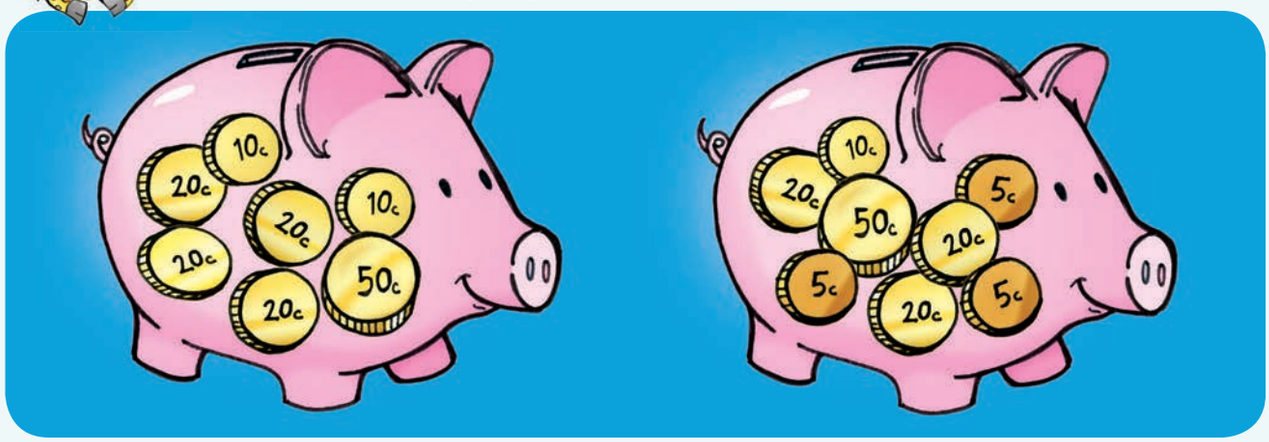
XHO MAT G2 B2 9781431501380.indb 27 2014/07/07 3:50 AM

78

Umhla:

Imali

1 Kukho ntoni ebhankini yam yehagu?



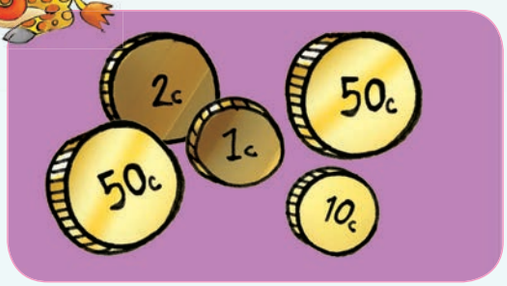
2 Sebenzisa imali eziinkozo ekumsiko 3 uze uncamathelise izixa ezichanekileyo apha.

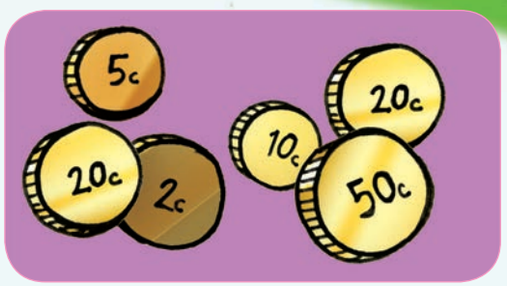
100c	110c
120c	140c
155c	175c

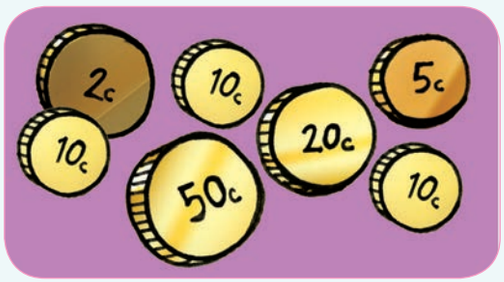
XHO MAT G2 B2 9781431501380.indb 28 2014/07/07 3:50 AM

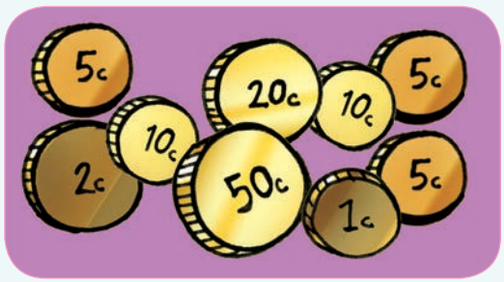


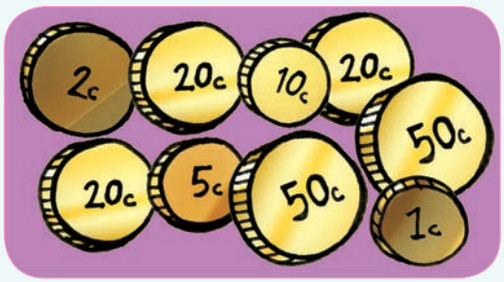
Zingaphi iisenti?

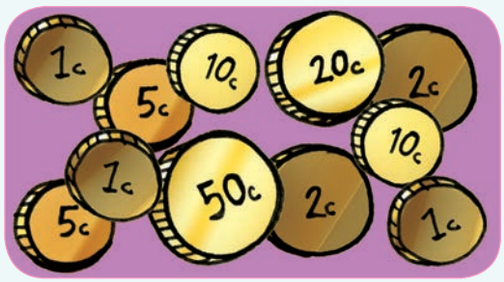












Izibalo zamagama:

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

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

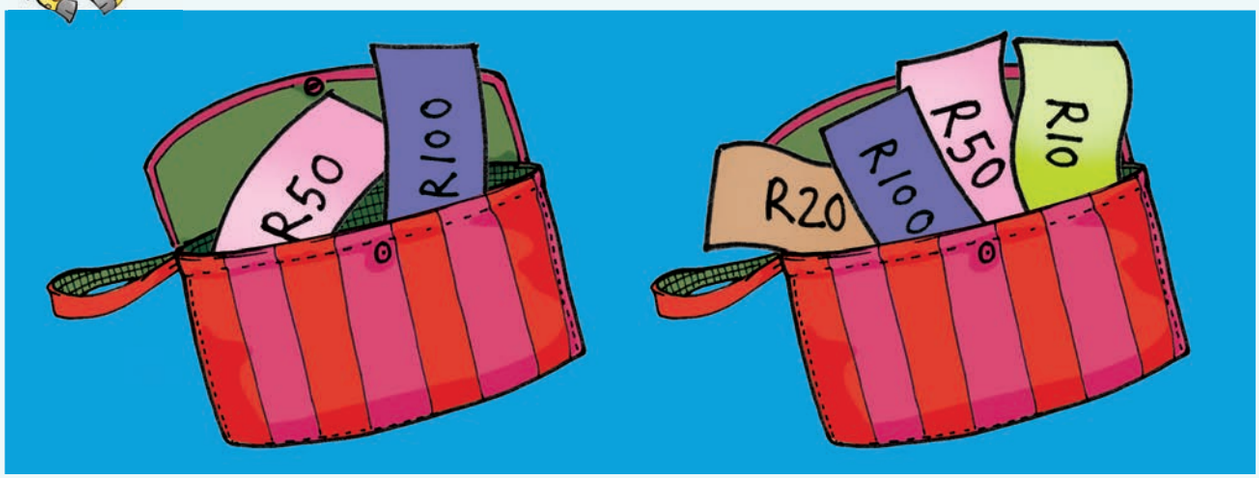
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Umhla:

Imali engamaphepha

Ikota yesi-3

Ndinamalini esipajini sam?



Sebenzisa imali engamaphepha ekumsiko 3 uze uncamathelise izixa ezichanekileyo apha.







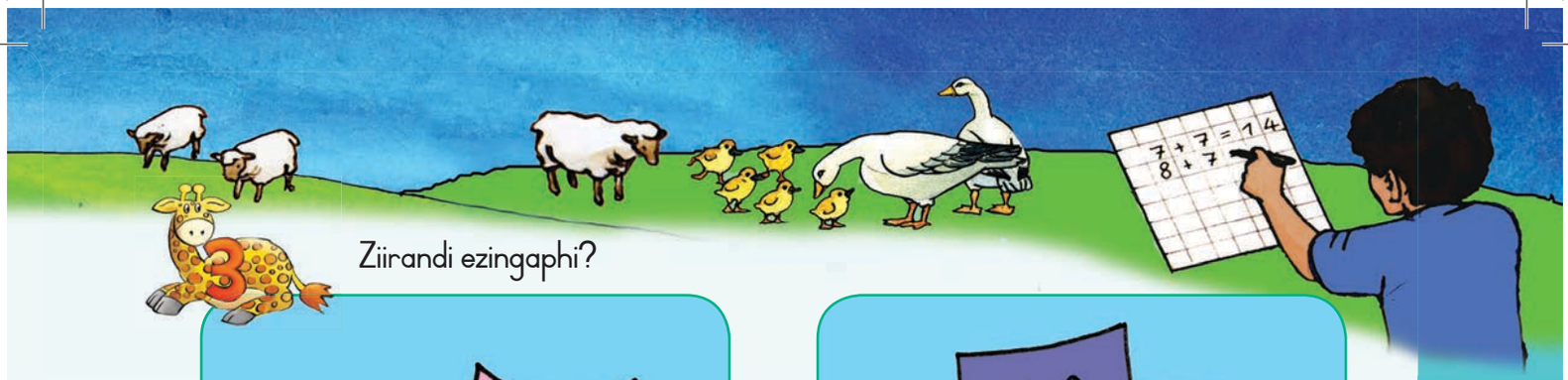






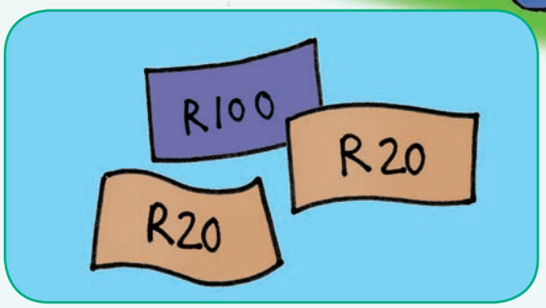
1 2 3 4 5 6 7 8 9 10

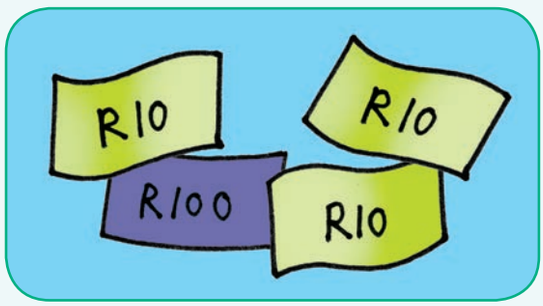
XHO MAT G2 B2 9781431501380.indb 30 2014/07/07 3:50 AM

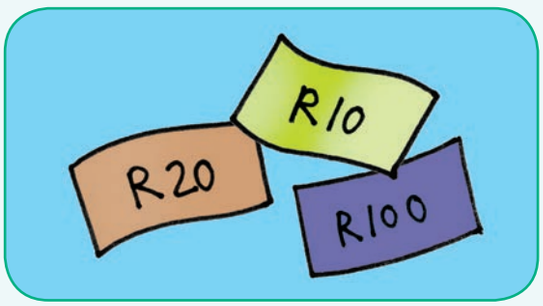


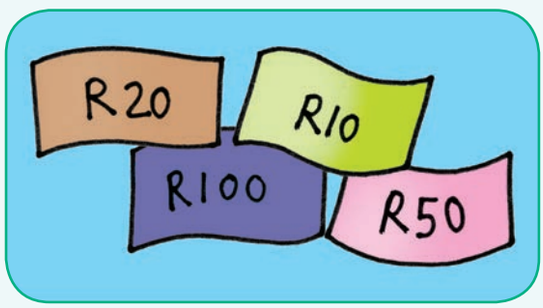
Ziirandi ezingaphi?













Izibalo zamagama:

Ubhuti 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. Ndishiyekelwe yimalini?

_____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

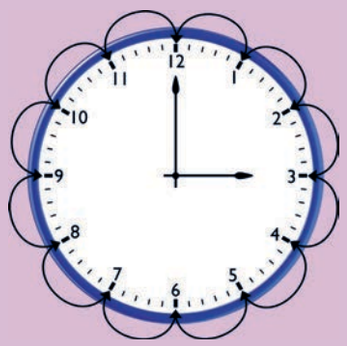
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80

Umhla:

Iipatheni zexesha

Ncokola ngewotshi.



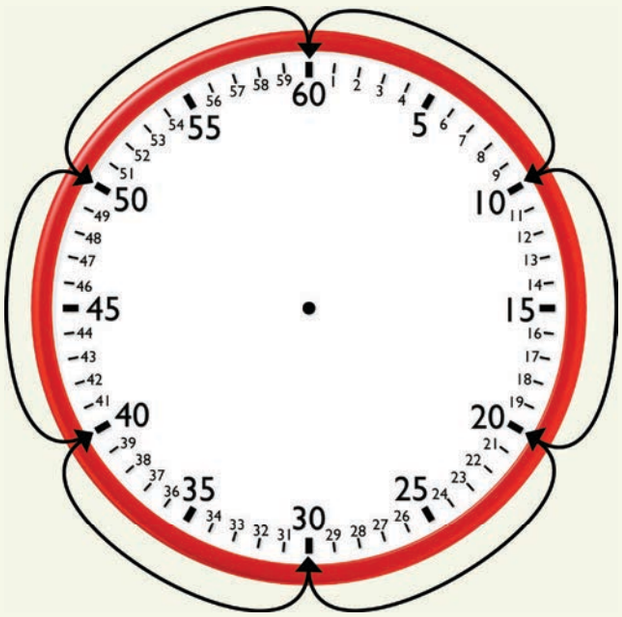
Iwotshi isibonisa ixesha.

Usiba olude lusibonisa iiyure.

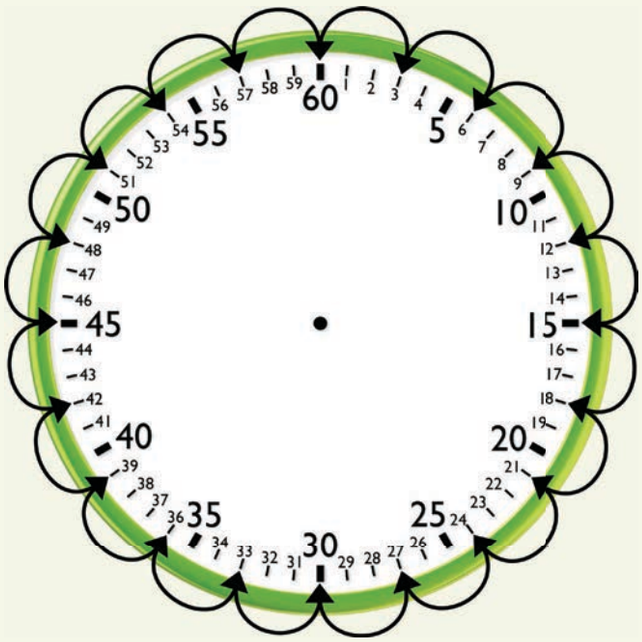
Usiba olufutshane lusibonisa imizuzu.

Apha sibala imizuzu ngezihlanu.

Ithini ipatheni? Jonga iintolo kwixesha ngalinye uze ubhale ipatheni.

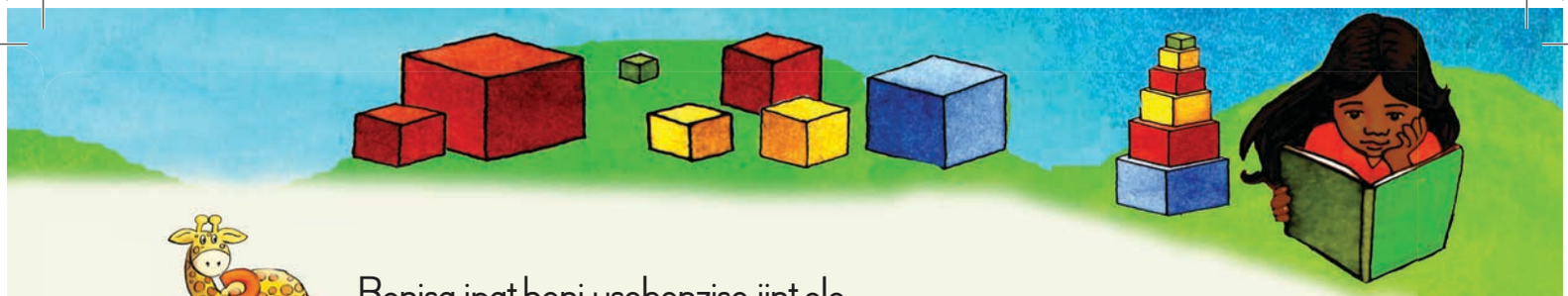


10 __, __, __, __, __,



__3 __,

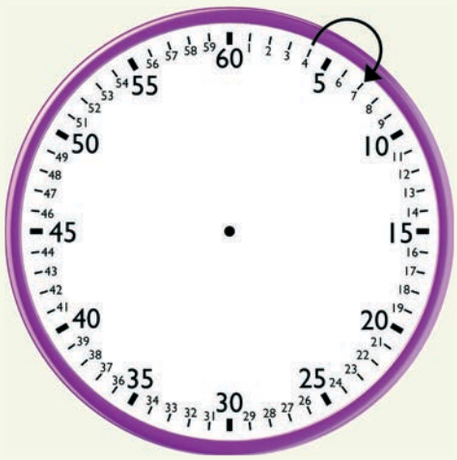
XHO MAT G2 B2 9781431501380.indb 32 2014/07/07 3:50 AM



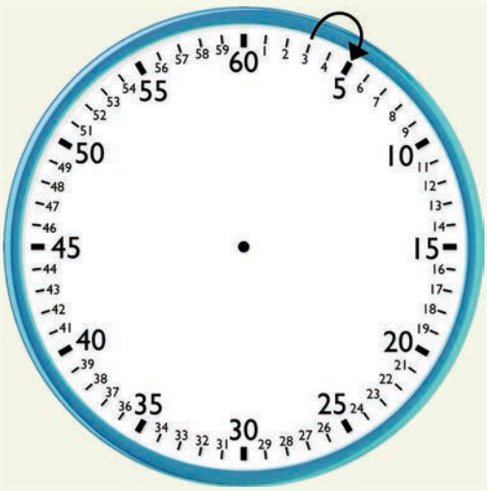


Bonisa ipatheni usebenzise iintolo.

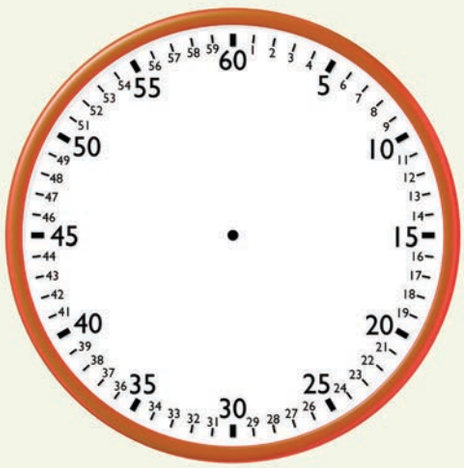
Bala ngezi-3 uqale kwisi-4.



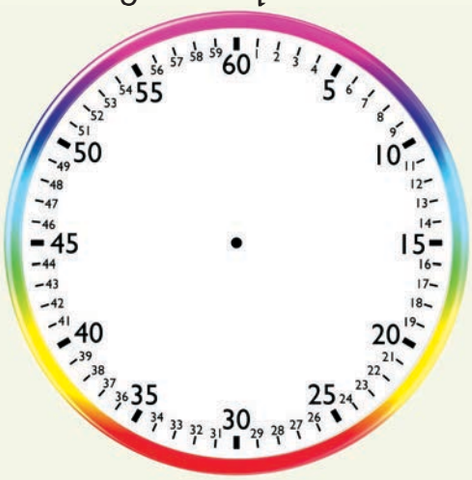
Bala ngezi-2 uqale kwisi-3.



Bala ngama-10 uqale ku-1.



Bala ngezi-5 uqale kwisi-2.



Uya xesha liphi esikolweni?



Ugoduka xesha liphi?



Isidlo sangokuhlwa usityo ngabani ixesha?



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

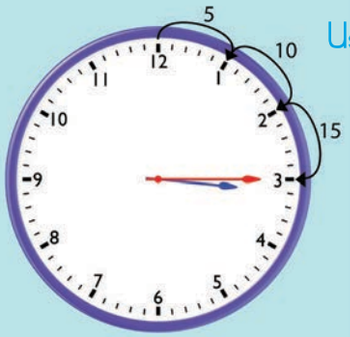
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8Ia

Umhla:

Iiyure nemizuzu

1 Ncokola ngewotshi.



Usiba olufutshane lusibonisa ukuba kusandula kubetha intsimbi yesithathu

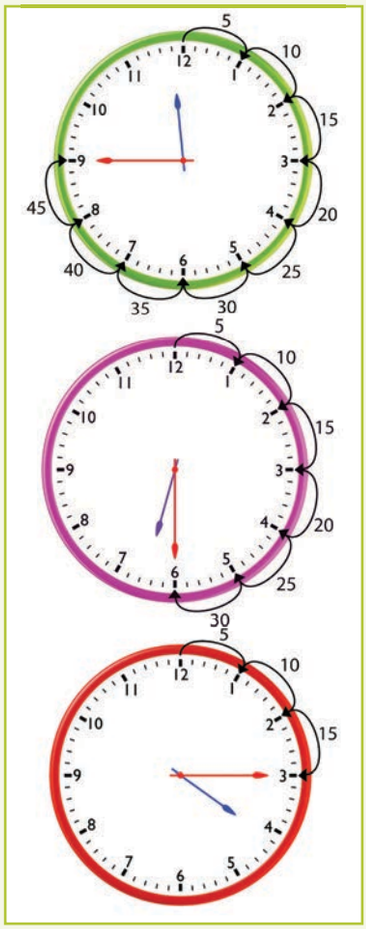
Usiba olude lusibonisa ukuba yimizuzu eli-15.

Sithi ngumkhono emva kwentsimbi yesithathu.

Sithi yimizuzu elishumi elinesihlanu emva kweyure yesithathu.

Imizuzu elishumi elinesihlanu ilingana nekota yemizuzu engamashumi amathandathu (iyure enye).

2 Ngubani ixesha?



Usiba olufutshane lusibonisa _____.

Usiba olude lusibonisa ukuba _____.

Sithi ixesha _____.

Usiba olufutshane lusibonisa _____.

Usiba olude lusibonisa ukuba _____.

Sithi ixesha _____.

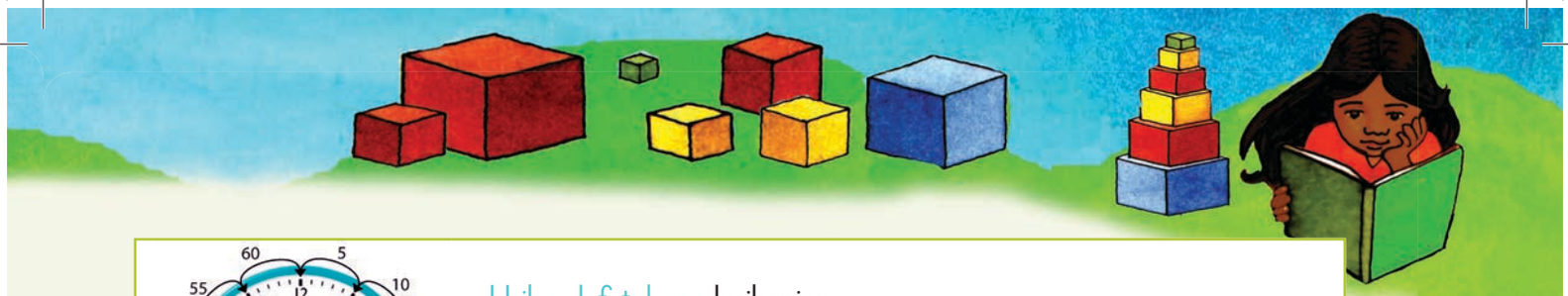
Usiba olufutshane lusibonisa _____.

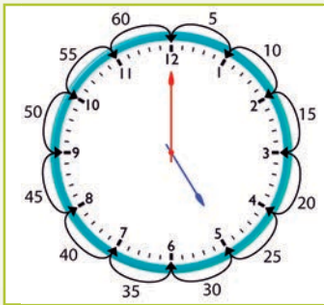
Usiba olude lusibonisa ukuba _____.

Sithi ixesha _____.

1 2 3 4 5 6 7 8 9 10

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Usiba olufutshane lusibonisa _____.

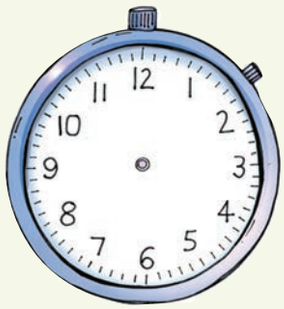
Usiba olude lusibonisa ukuba _____.

Sithi ixesha _____.

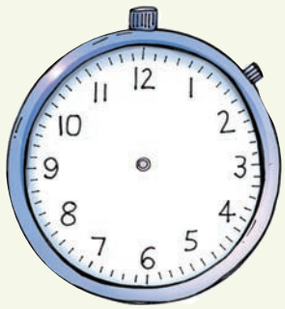


Zoba usiba olude nosiba olufutshane.

Ngumkhono emva kweyesibini.



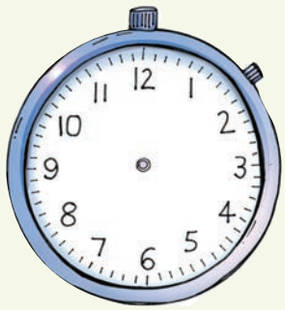
Licala emva kweyethoba.



Yintsimbi yeshumi.



Ngumkhono phambi kweyesithandathu.





Wenza ntoni ngeli xesha phakathi evekini? Zoba umfanekiso.

Ngumkhono emva kweyesibhozo kusasa.

Ngumkhono emva kweyesibhozo ebusuku.

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Date:

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8Ib



Imizuzu neeyure

1 Ncokola ngewotshi.



Usiba olufutshane luphambi 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.

2 Ngubani ixesha?



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 _____.

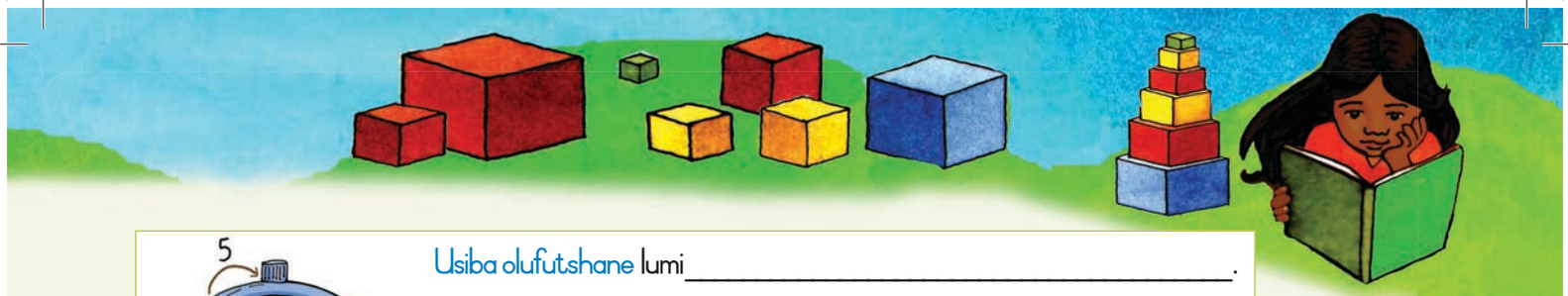
Usiba olude lumi _____.

_____ phambi kokuba usiba olude lube kwi-12.

Sithi yi _____ phambi _____.

1 2 3 4 5 6 7 8 9 10

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Usiba olufutshane lumi _____.

Usiba olude lumi _____.

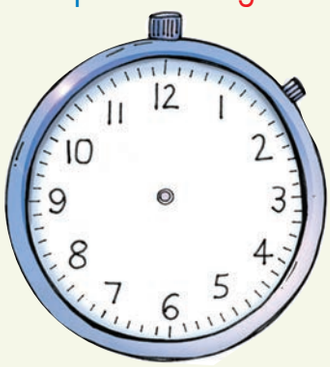
_____phambi kokuba usiba olude lube kwi-12.

Sithi yi_____phambi _____.

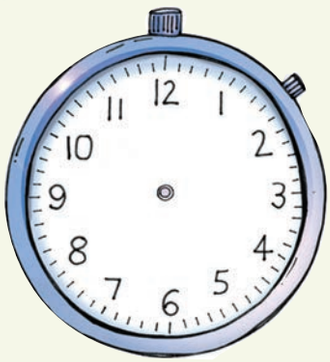


Zoba usiba olude nolufutshane ubonise oku:

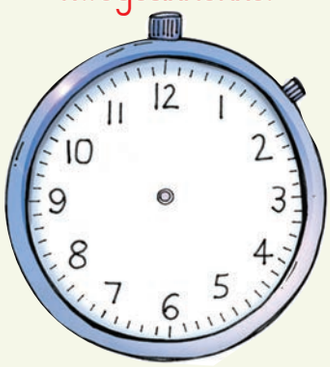
Mihlanu phambi kweyesibhozo.



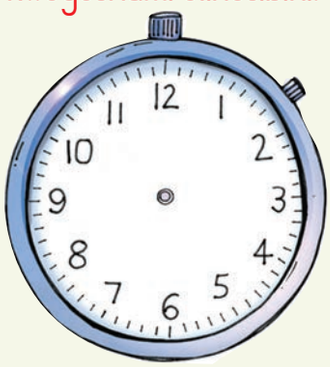
Ngamashumi amabini phambi kweyesithathu.



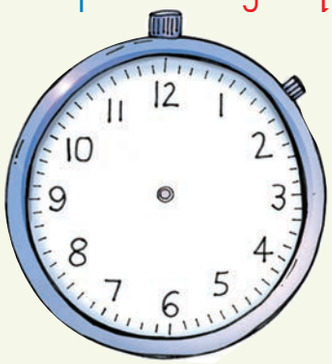
Lishumi elinesithathu phambi kweyesixhenxe.



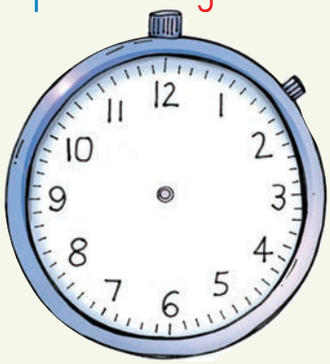
Lishumi elinesibini phambi kweyeshumi elinesibini.



Mihlanu phambi kweyokuqala.



Ilishumi phambi kweyesithandathu.



Teacher:
Sign:
Date:

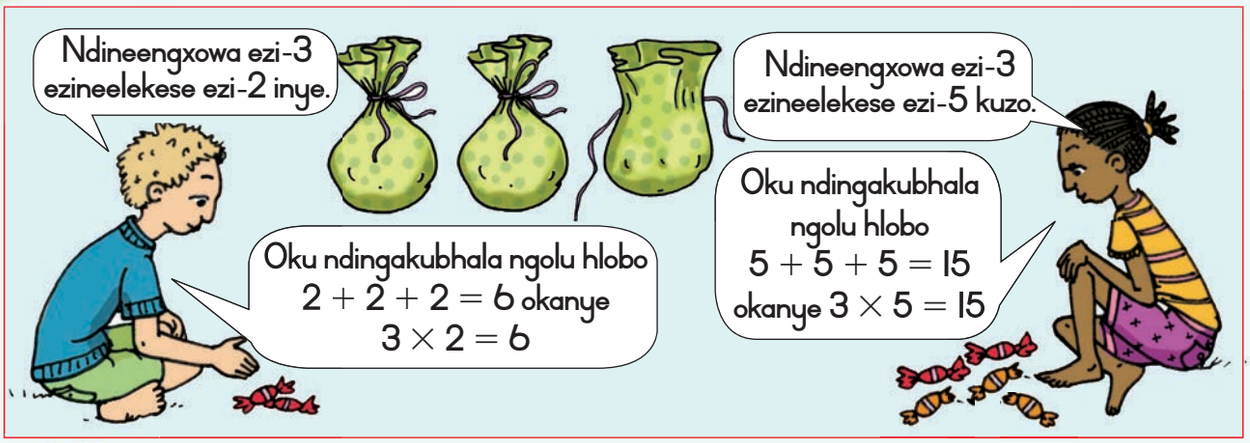
11 12 13 14 15 16 17 18 19 20

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Umhla: _____

Ukudibanisa okuphindiweyo

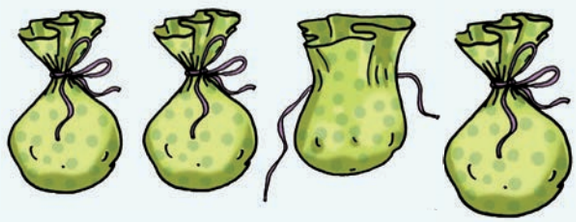




Jonga iingxowa ezineelekese:

- 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 × 2 = _____

Ingxowa nganye ineelekese ezi-2.



Isivakalisi: _____
Isibalo sokudibanisa: _____
Isibalo sokuphinda-phinda: _____

Ingxowa nganye ineelekese ezi-5.



Isivakalisi: _____
Isibalo sokudibanisa: _____
Isibalo sokuphinda-phinda: _____

Ingxowa nganye ineelekese ezi-2.



Isivakalisi: _____
Isibalo sokudibanisa: _____
Isibalo sokuphinda-phinda: _____

1 2 3 4 5 6 7 8 9 10

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Masizame ngeengxowa ezineelekese ezi-4 inye.
Ingxowa nganye iineelekese ezi-4. Zingaphi iilekese ezikhoyo?



Isivakalisi: amaqela asi-7 ezi-4
Isibalo sokudibanisa:
4 + 4 + 4 + 4 + 4 + 4 + 4 = 28
Isibalo sokuphinda-phinda: 7 × 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.

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

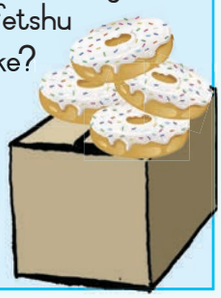
Ndineebhokisi ezintlanu ezineemafini ezimbini inye. Zingaphi iimafini endinazo zizonke?



Ndineebhokisi ezine ezineekeyikana ezintlanu inye. Zingaphi iikeyikana endinazo zizonke?



Ndineebhokisi ezintathu ezinamafetshu amane inye. Mangaphi amafetshu endinawo ewonke?



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Date:

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Umhla:

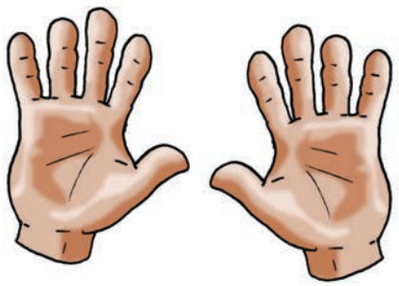
Phinda-phinda ngesi-5

Unyawo olunye luneenzwane ezi-5.



Zingaphi iinzwane zizonke? ☐

Isandla esinye sineminwe emi-5.



Mingaphi iminwe iyonke? ☐



Gqibezela:



☐ × ☐ = ☐ Iinzwane kunyawo olunye — Iinyawo



☐ × ☐ = ☐ Iminwe kwisandla esinye — Izandla



☐ × ☐ = ☐ Iinzwane kunyawo olunye — Iinyawo



☐ × ☐ = ☐ Iminwe kwisandla esinye — Izandla



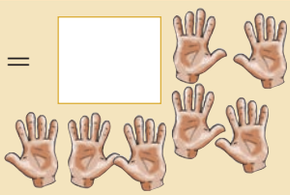
☐ × ☐ = ☐ Iinzwane kunyawo olunye — Iinyawo



☐ × ☐ = ☐ Iminwe kwisandla esinye — Izandla



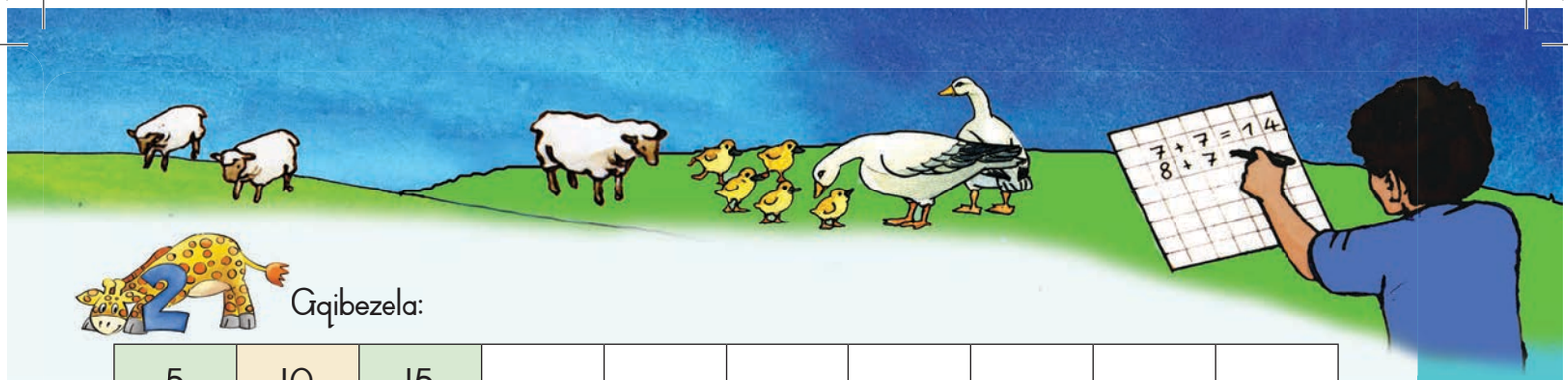
☐ × ☐ = ☐ Iinzwane kunyawo olunye — Iinyawo



☐ × ☐ = ☐ Iminwe kwisandla esinye — Izandla



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2 Gqibezela:

5	10	15							
50	45	40							

3 Gqibezela:

$5 \times$  $=$ ☐ ama-apile	$4 \times$  $=$ ☐ iibhanana
$6 \times$  $=$ ☐ iibhanana	$7 \times$  $=$ ☐ ama-apile

4 Gqibezela:

$15 \times 5 = \square$

$= 10 \times 5 + 5 \times 5$

$= 10 \times 5 + 5 \times 5$

$= 50 + 25$

$= 75$

$12 \times 5 = \square$

$= 10 \times 5 + 2 \times 5$

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

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

$= \square + \square$

$= \square$

$14 \times 5 = \square$

$= 10 \times 5 + 4 \times 5$

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

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

$= \square + \square$

$= \square$

$13 \times 5 = \square$

$= 10 \times 5 + 3 \times 5$

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

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

$= \square + \square$

$= \square$

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

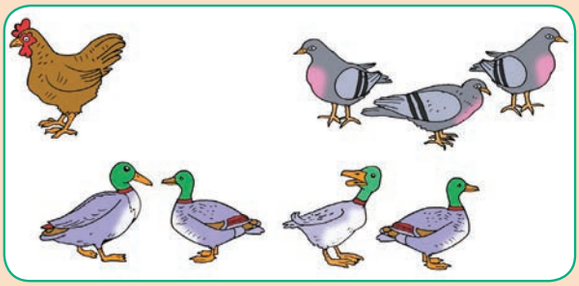
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84

Umhla:

Phinda-phinda ka-2

Zonke iintaka zinamanqina ama-2.



Zonke iintaka zinamaphiko ama-2.

Mangaphi amanqina akulo mfanekiso ewonke? ☐

Mangaphi amaphiko akulo mfanekiso ewonke? ☐



Jonga emfanekisweni uze ugqibezele oku kulandelayo.

amahobe



☐ × ☐ = ☐

Inani lamahobe — Amanqina entaka nganye

☐ × ☐ = ☐

Inani lamahobe — Amaphiko entaka nganye

amadada



☐ × ☐ = ☐

Inani lamadada — Amanqina entaka nganye

☐ × ☐ = ☐

Inani lamadada — Amaphiko entaka nganye



Gqibezela:

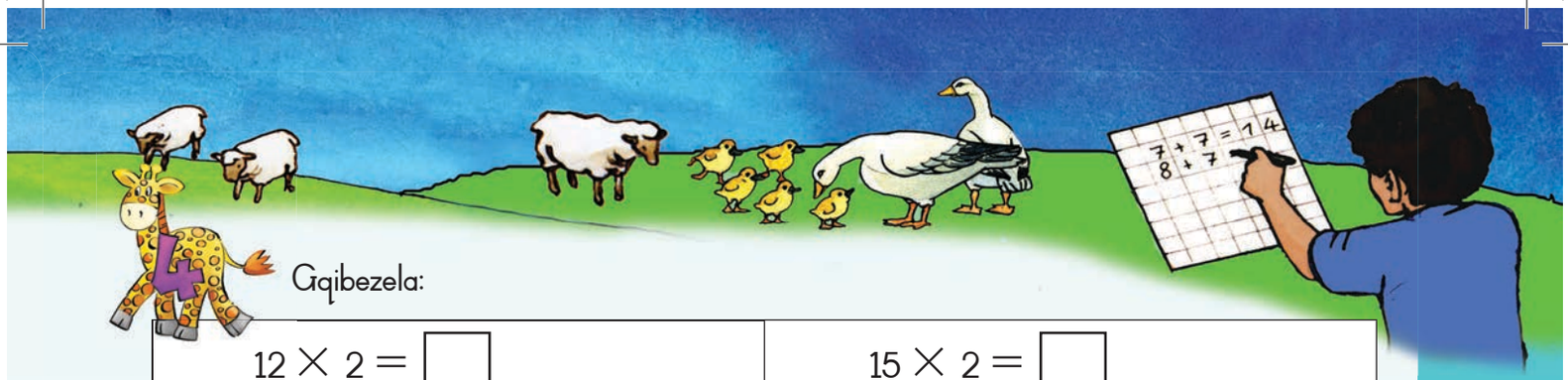
2	4	6							
20	18	16							



Gqibezela:

5 ×  = ☐ ama-apile	4 ×  = ☐ iibhanana
6 ×  = ☐ iibhanana	7 ×  = ☐ ama-apile

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Gqibezela:

$12 \times 2 = \square$

$10 + 2 \times 2$

$= (10 + 2) \times 2$

$= 10 \times 2 + 2 \times 2$

$= 20 + 4$

$= 24$

$15 \times 2 = \square$

$10 + 5 \times 2$

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

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

$= \square + \square$

$= \square$



$2 + 2 + 2 + 2 = 8$

okanye

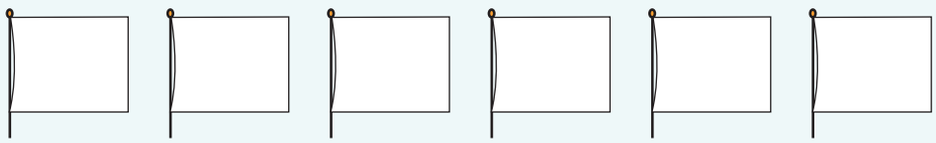
$4 \times 2 = 8$

okanye

$8 \div 2 = 4$

Olu phawu lolokwahlula.

Zoba iinkwenkwezi ezi-2 kwiflegi nganye.



$2 + ___ + ___ + ___ + ___ + ___ = ___$

$___ \times ___ = ___$



Zingaphi iibloko ezikhoyo kwezi zixwexwe zetshokolethi?

$___ \times ___ =$

$___ \times ___ =$



Teacher:

Sign:

Date:

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85a Ngumkhono emva

Umhla:

1 Ncokola ngewotshi.



Usiba olufutshane ludlule nje kancinci ku-1.

Usiba olude lumi kwimizuzu elishumi elinesihlanu.

Sithi ngumkhono emva kweyokuqala.

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

2 Ngubani ixesha?



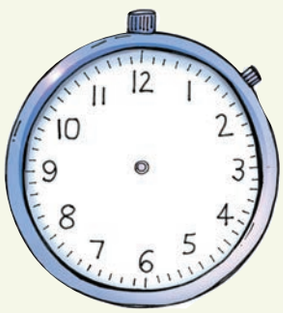
Usiba olufutshane ludlule nje _____.

Usiba olude lumi kwimizuzu e _____.

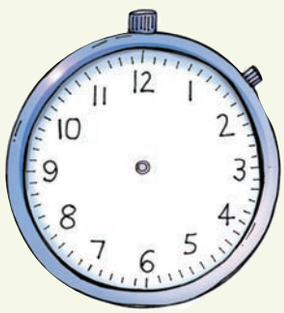
Sithi _____ emva _____.

3 Zoba usiba olude kunye nosiba olufutshane.

Ngumkhono emva kweye-8.

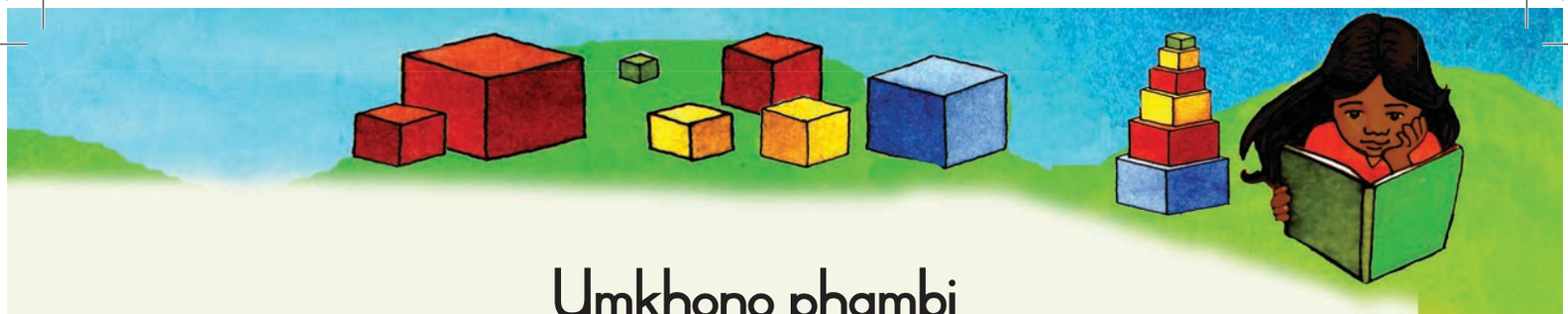


Ngumkhono emva kweye-3.



1 2 3 4 5 6 7 8 9 10

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Umkhono phambi

Ncokola ngewotshi.



Usiba olufutshane luphambi 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 luphambi _____ .

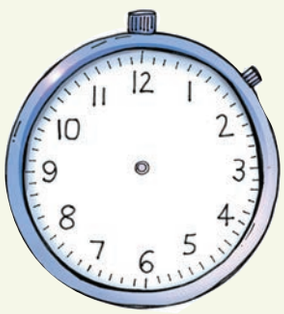
Usiba olude lumi kwimizuzu e_____.

Sithi ngu _____ phambi _____.



Zoba usiba olude kunye nosiba olufutshane.

Ngumkhono phambi kweyesi-4.



Ngumkhono phambi kweyesi-8.



Teacher:
Sign:
Date:

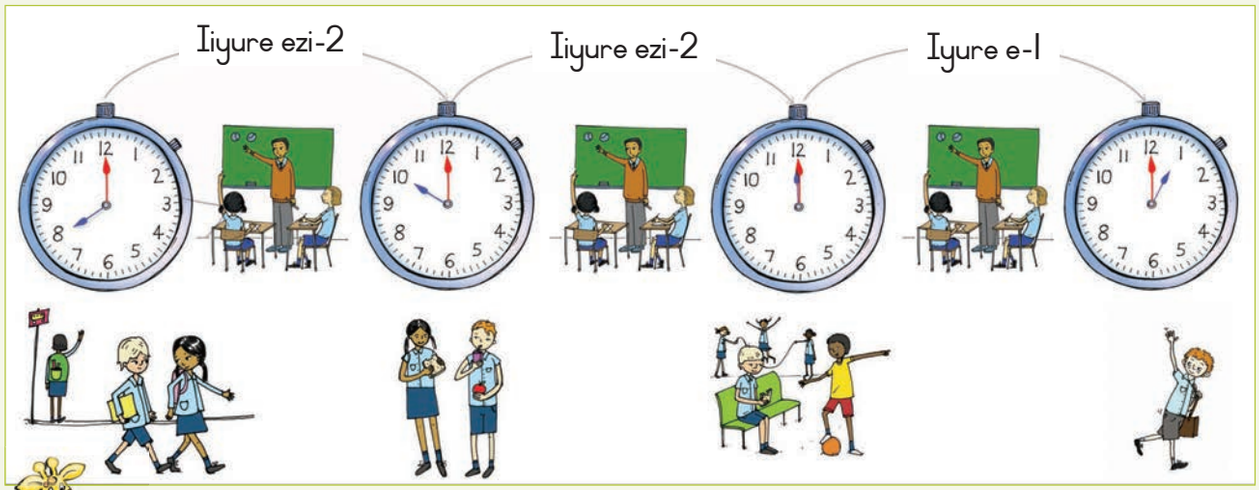
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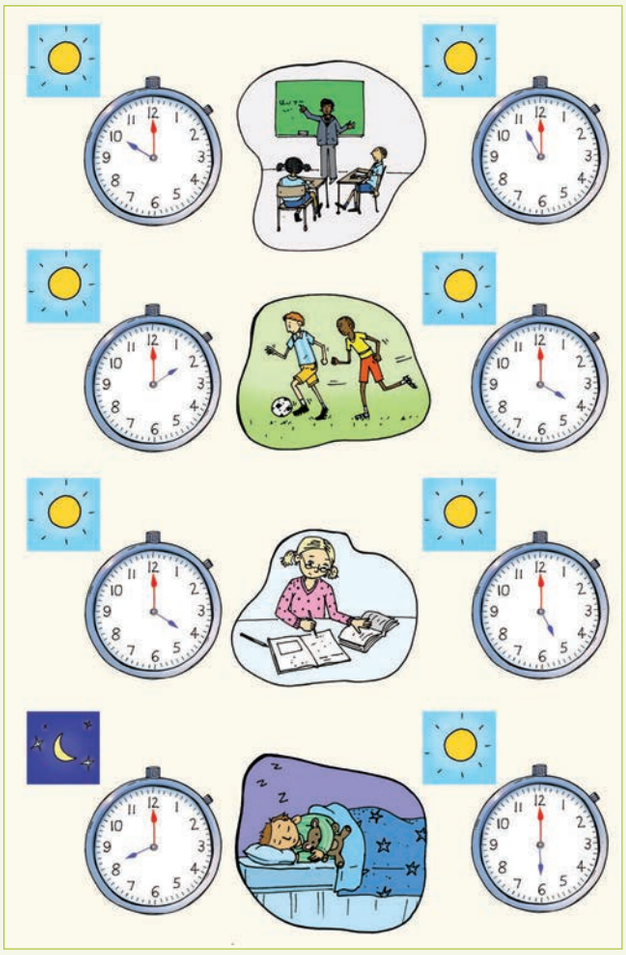
85b

Ixesha liyahamba

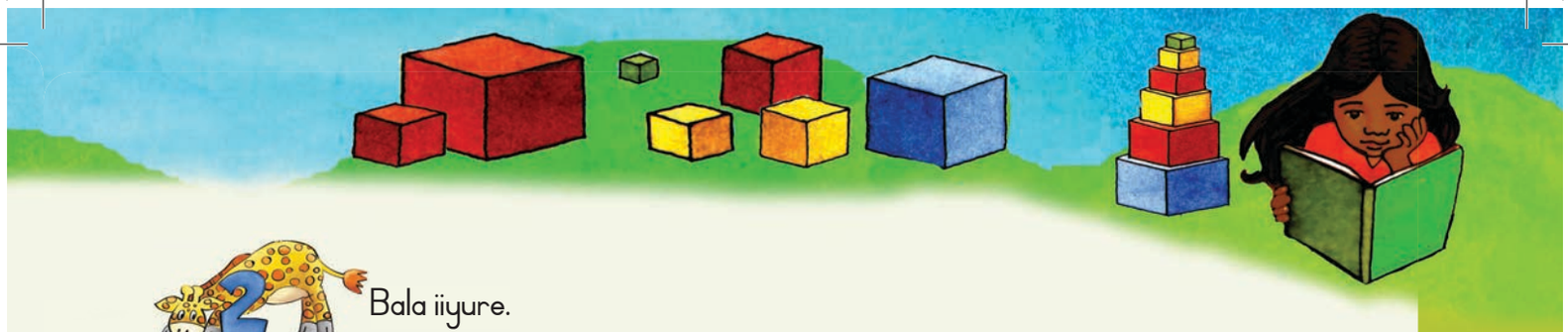
Umhla:



Kuthathe ixesha elingakanani ukwenza oku?



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Bala iiyure.

Zingaphi iiyure ukususka kwintsimbi yesi-4 ukuya kwintsimbi yesi-7? _____

Zingaphi iiyure ukususka kwintsimbi yesi-8 ukuya kwintsimbi ye-12? _____

Zingaphi iiyure ukususka kwintsimbi yoku-1 ukuya kwintsimbi yesi-8? _____

Zingaphi iiyure ukususka kwintsimbi yesi-5 ukuya kwintsimbi ye-10? _____

Zingaphi iiyure ukususka kwintsimbi yesi-2 ukuya kwintsimbi ye-11? _____



Zoba umfanekiso.

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



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



11 12 13 14 15 16 17 18 19 20

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86

Umhla:

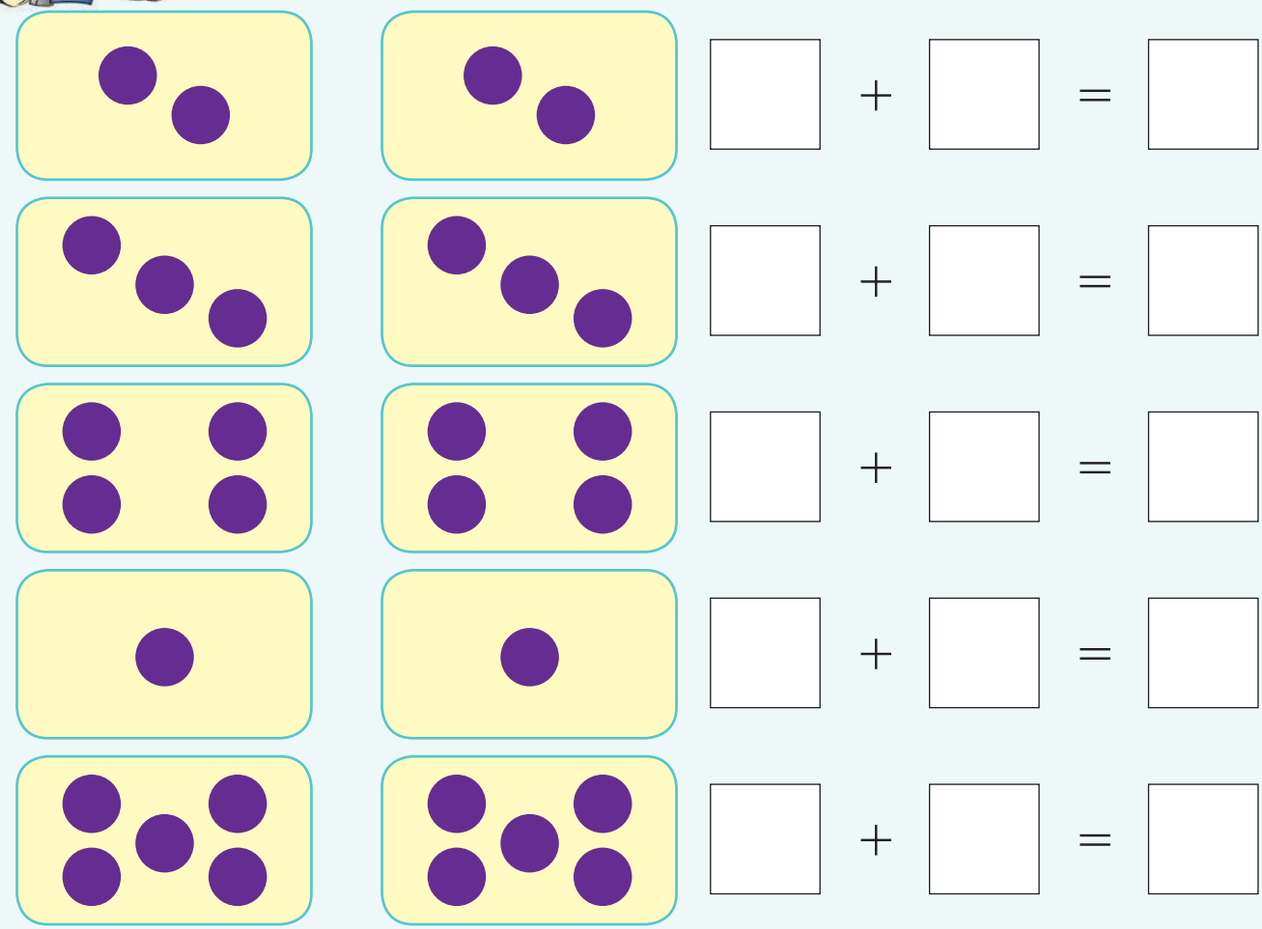
Phinda-phinda kabini

1 Jonga kumfanekiso wokuqala nowesibini. Kwenzeke ntoni?





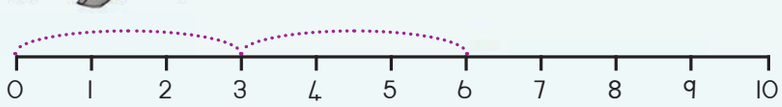
2 Dibanisa amachokoza, uze ubhale isibalo ngasinye.

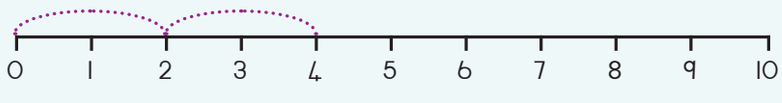


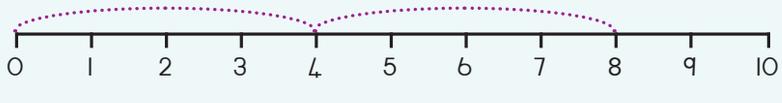
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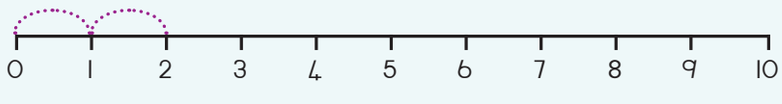


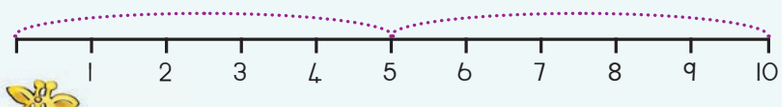
3 Sebenzisa imigca-manani ubhale isibalo.











☐ + ☐ = ☐

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ + ☐ = ☐

4 Phinda-phinda kabini oku kulandelayo:

Phinda-phinda u-1 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda ezi-2 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda ezi-3 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda ezi-4 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda ezi-5 kabini	☐ + ☐ = ☐	2 × ☐ = ☐

2 4 6 8 10 12 14

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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87

Umhla:

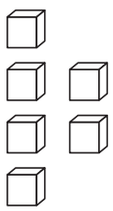
Ukuphinda kabini nokwahlula kubini

1 Jonga le mifanekiso mibini. Zenzele elakho ibali.



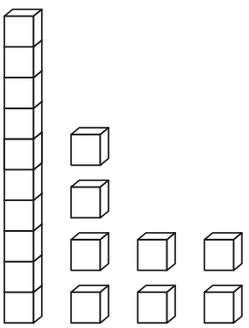


2 Bala izinto ezikhoyo uze ufakele umbala kwisiqingatha sazo.



Bala ☐

Isiqingatha ☐



Bala ☐

Isiqingatha ☐

3 Gqibezela oku uze uzobe umfanekiso.

I-12 eliphindwe kabini likunika ☐

☐ + ☐

4 Gqibezela:

14	8		16	
		2		9

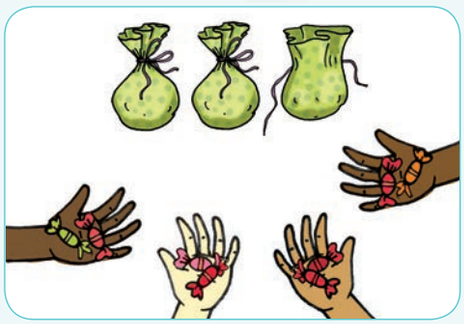
1 2 3 4 5 6 7 8 9 10

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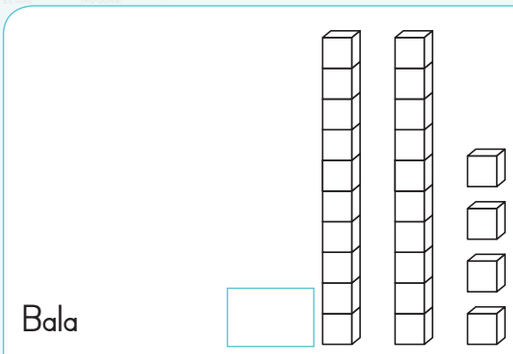
5 Jonga le mifanekiso mibini. Zenzele ibali lakho.





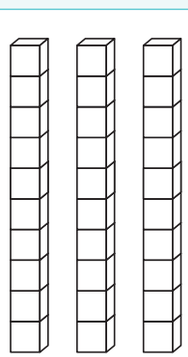
Kukho iilekese ezili-10 engxoweni.

6 Bala izinto ezikhoyo uze ufakele umbala kwisiqingatha sazo.



Bala ☐

Isiqingatha ☐



Bala ☐

Isiqingatha ☐

7 Gqibezela oku uze uzobe umfanekiso.

I-16 eliphindwe kabini likunika ☐

☐ + ☐

8 Gqibezela:

34			36	40
	22	19		

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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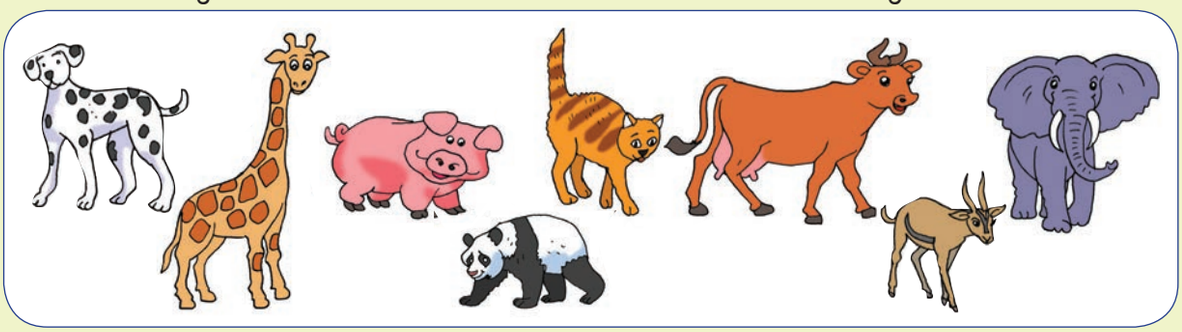
88

Umhla:

Okunye ukuphinda-phinda

Zonke ezi zilwanyana zinemilenze emi-4.

Zonke ezi zilwanyana zinamehlo ama-2.



Mangaphi amanqina akulo mfanekiso ewonke? ☐

Zingaphi iindlebe ezikulo mfanekiso zizonke? ☐



Jonga emfanekisweni uze ugqibezele oku kulandelayo:

Izinja

☐ × ☐ = ☐	☐ × ☐ = ☐
Inani lezinja — Amanqina esilwanyana ngasinye	Inani lezinja — Amehlo esilwanyana ngasinye

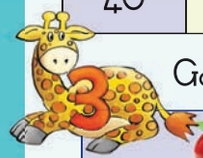
Izilwanyana zasendle

☐ × ☐ = ☐	☐ × ☐ = ☐
Inani lezilwanyana — Imilenze yesilwanyana ngasinye	Inani lezilwanyana — Iindlebe zesilwanyana ngasinye



Gqibezela:

4	8	12							
40	36	32							

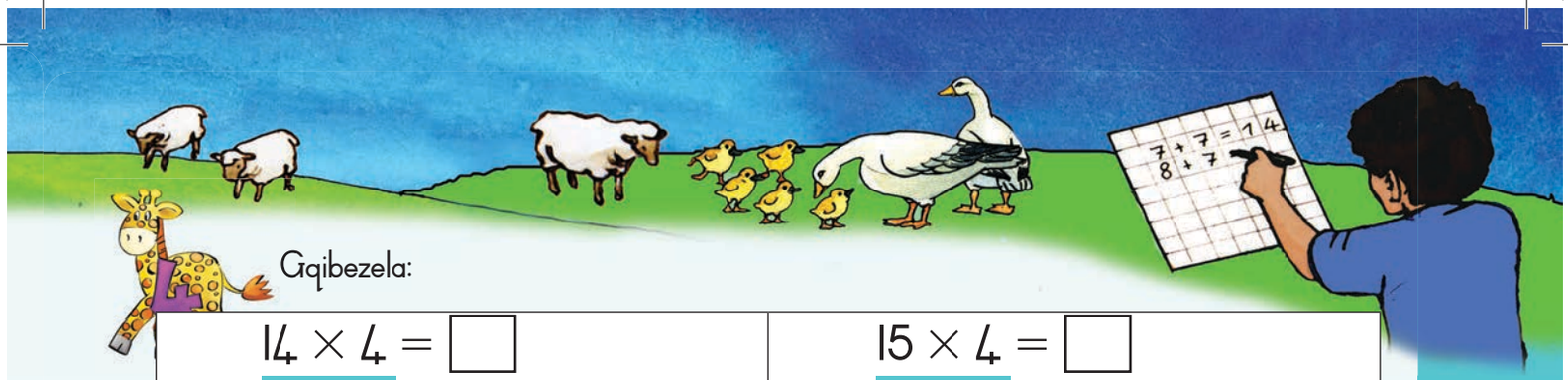


Gqibezela:

5 ×  = ☐ ama-apile	4 ×  = ☐ iibhanana
6 ×  = ☐ iibhanana	7 ×  = ☐ ama-apile

1 2 3 4 5 6 7 8 9 10

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Gqibezela:

$14 \times 4 = \square$

10 4 $\times 4$

$= (10 + 4) \times 4$

$= 10 \times 4 + 4 \times 4$

$= 40 + 16$

$= 56$

$15 \times 4 = \square$

10 5 $\times 4$

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

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

$= \square + \square$

$= \square$



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





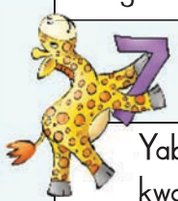
Gqibezela.

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

Emnye ufumana ☐ Kushiyeka ☐

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

Emnye ufumana ☐ Kushiyeka ☐



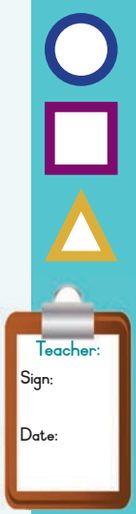
Zoba imifanekiso ubonise impendulo yakho.

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

Emnye ufumana ☐ Kushiyeka ☐

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

Emnye ufumana ☐ Kushiyeka ☐

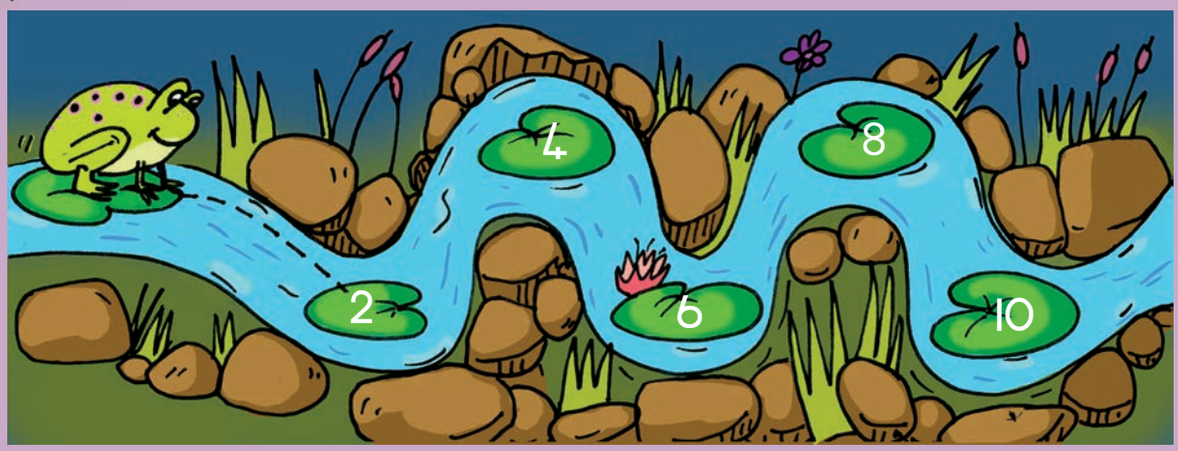


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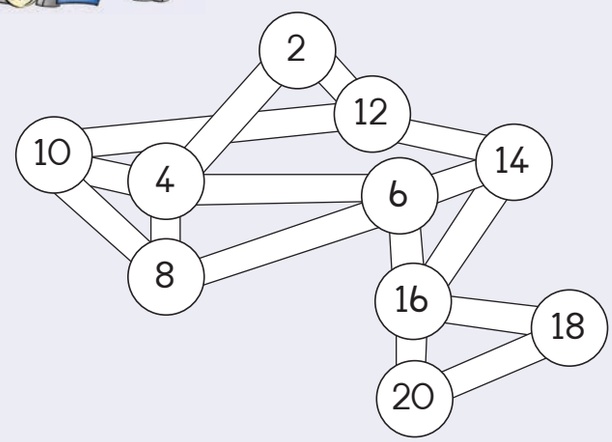
Umhla:

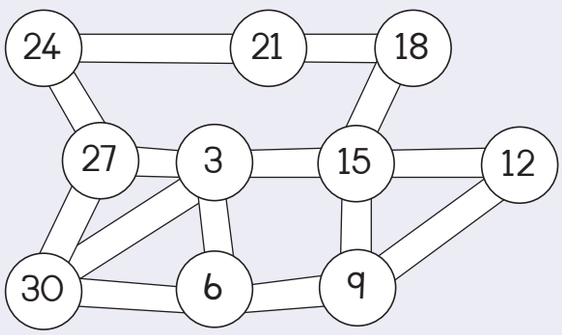
Iipatheni zamanani

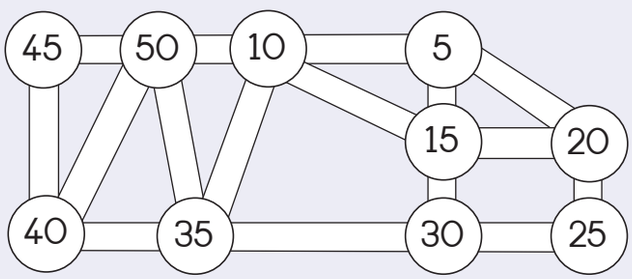
1 Iza kuba leliphi inani kwigqabi elilandelayo?

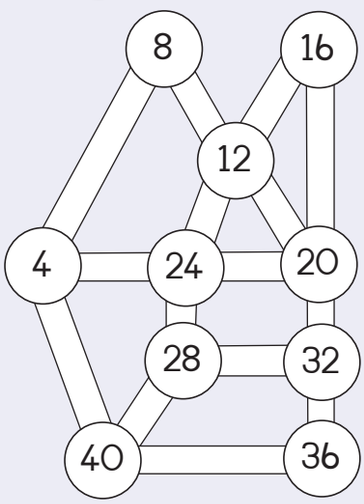


2 Chonga ipatheni. Zoba indlela, qala ngelona nani lincinci.









1 2 3 4 5 6 7 8 9 10

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Zoba amasiba kwezi wotshi uze ugqibezele ipatheni yamaxesha.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

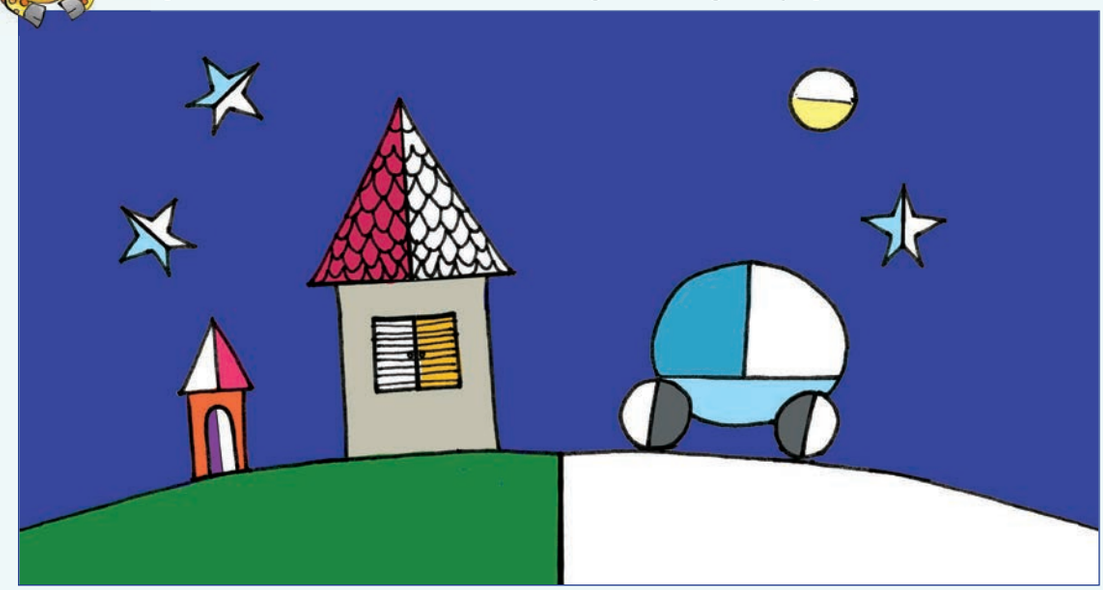
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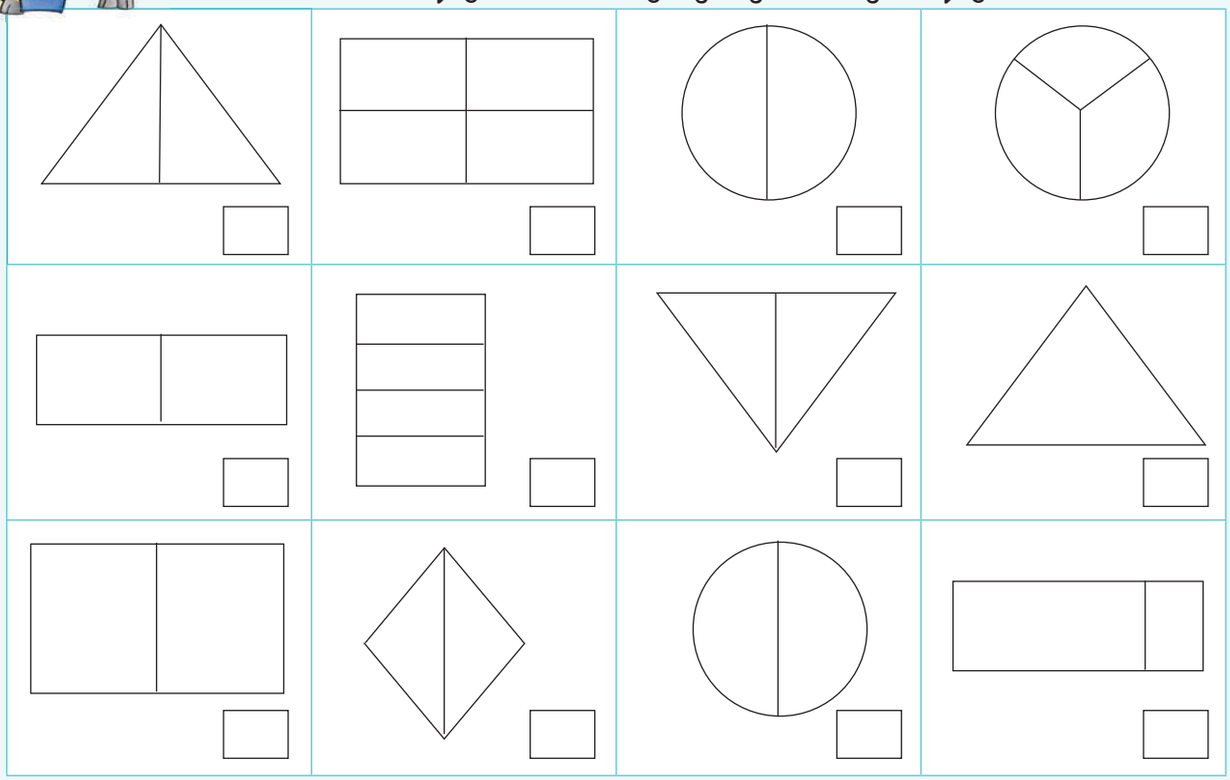
Umhla:

Amaqhezu – iziqingatha (iihafu)

1 Jonga umfanekiso. Faka umbala ofanayo kwezinye iziqingatha.



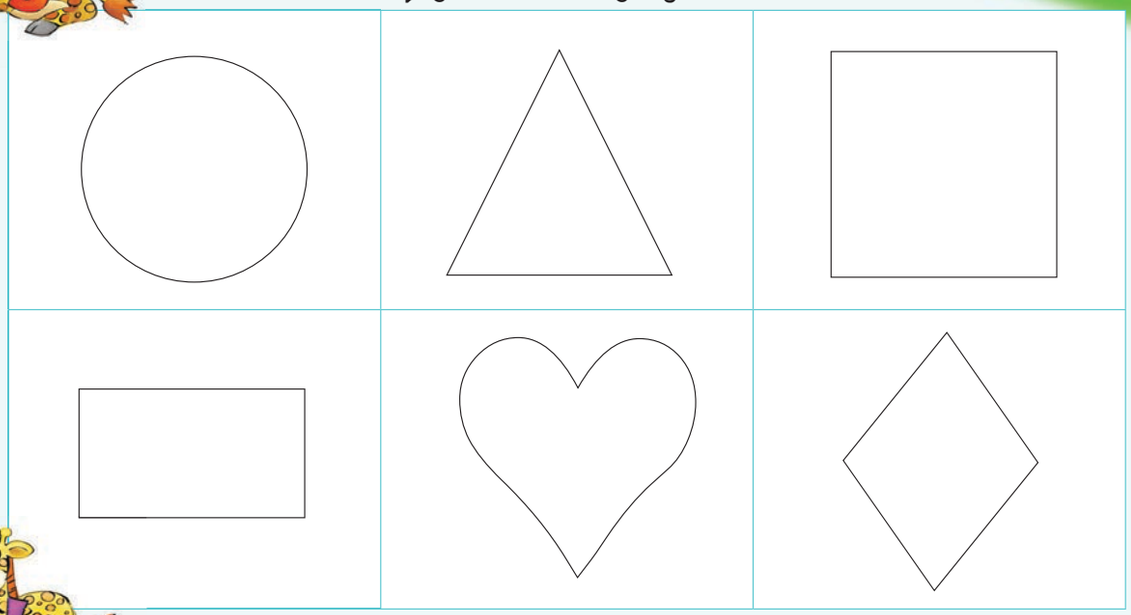
2 Jonga emfanekisweni. Phawula iimilo ezibonisa iziqingatha.
Fakela umbala kwisiqingatha semilo nganye eyahlulwe yaziziqingatha.



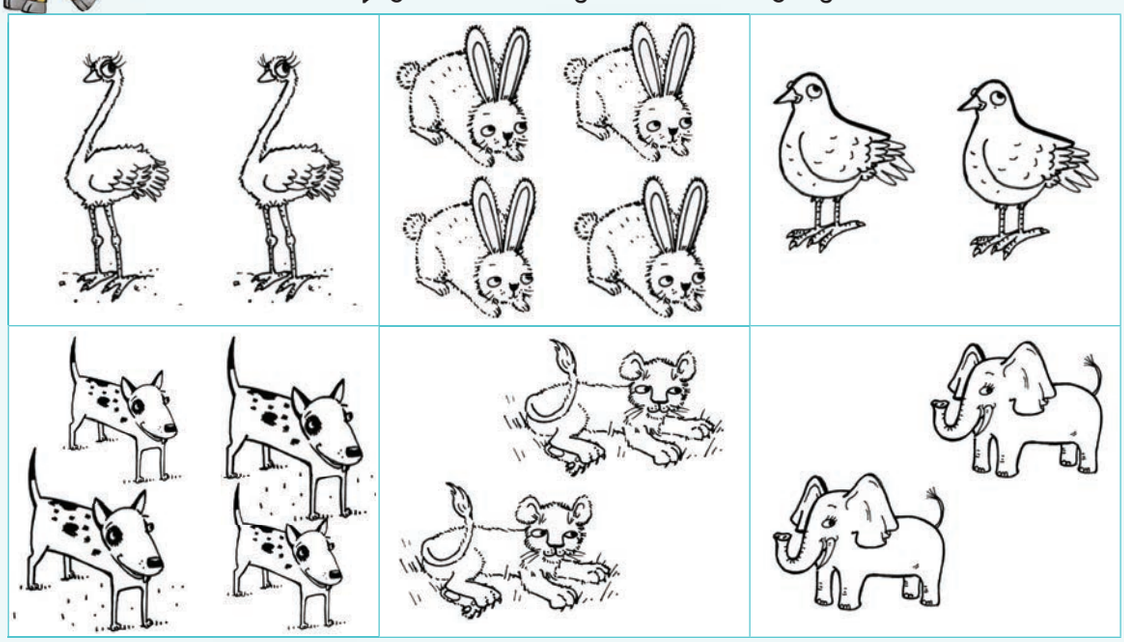
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Fakela umbala kwisiqingatha semilo nganye.



Faka umbala kwisiqingatha sezilwanyana kwibloko nganye.



isiqingatha isiqingatha

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

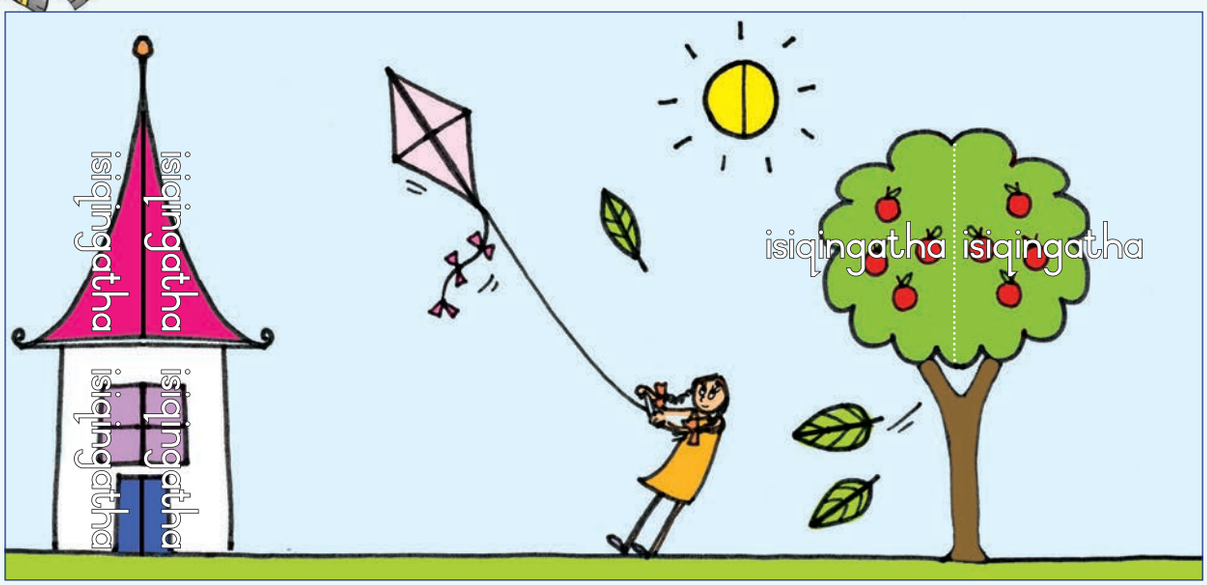
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Umhla:

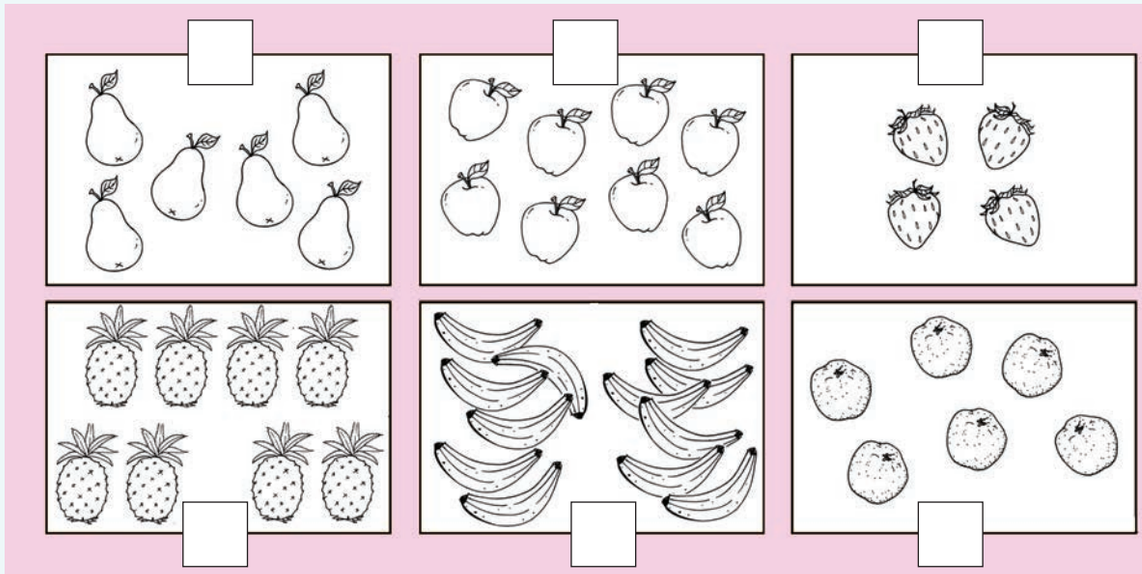
Amaqhezu – ezinye iziqingatha

Jonga emfanekisweni. Limele ntoni eli nani?



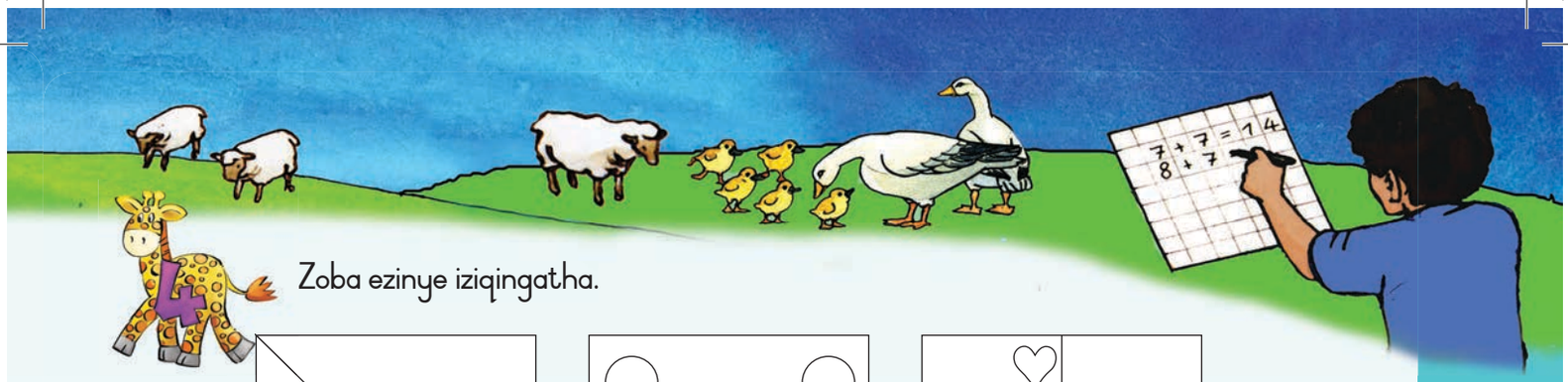
2 Isiqingatha sama-apile asemthini ☐.

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

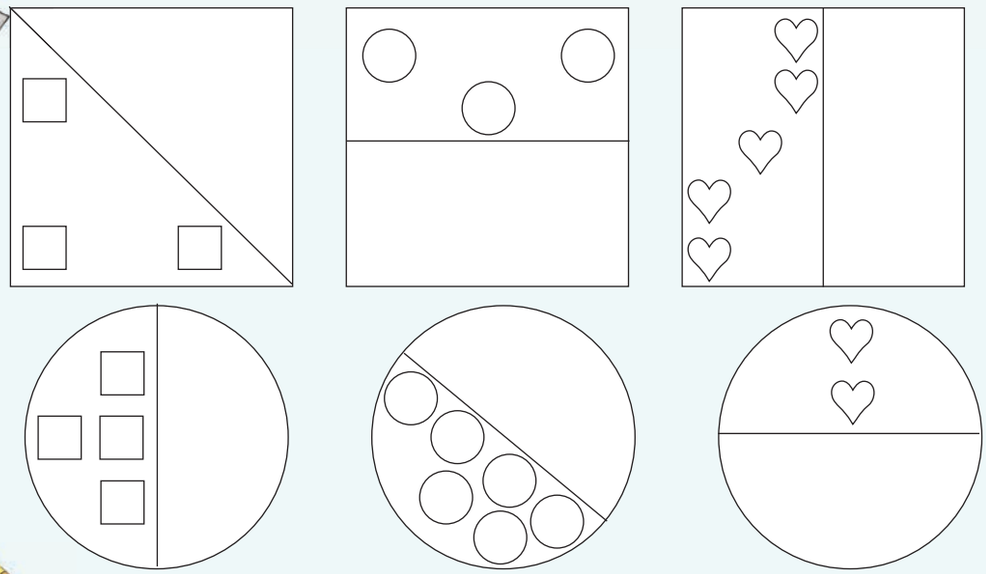


1 2 3 4 5 6 7 8 9 10

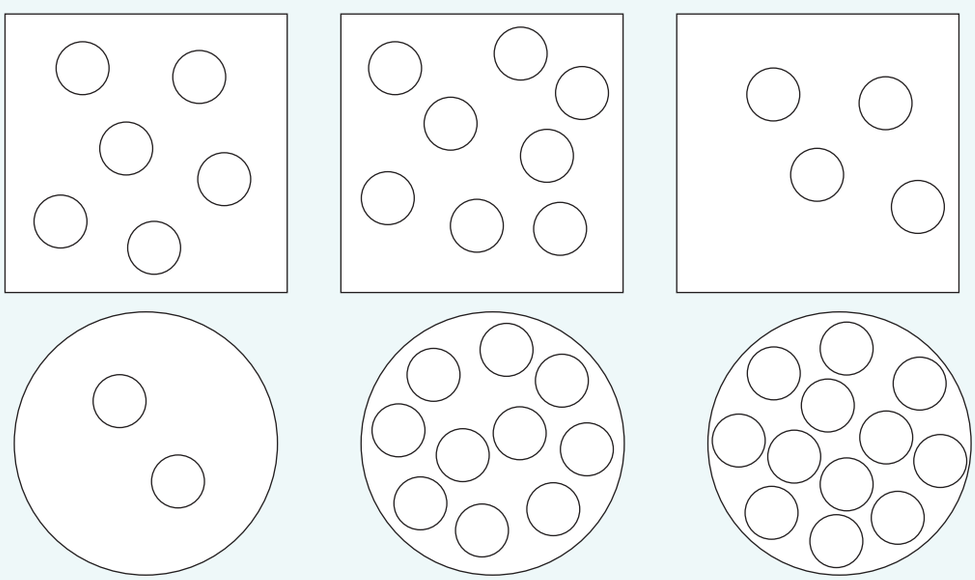
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Zoba ezinye iziqingatha.



Faka umbala kwisiqingatha sezi milo.



isiqingatha iziqingatha

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Sign:
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Umhla:

Indawo nembonakalo

Ime phi le ntaka? La magama aza kukunceda.



Imbonakalo yangaphambili yesakhiwo.



Imbonakalo yasecaleni yesakhiwo.

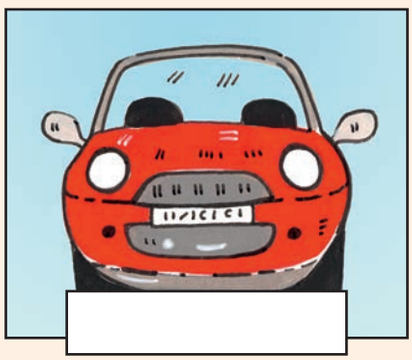


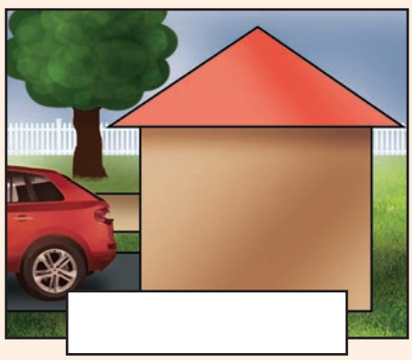
Imbonakalo yangaphezulu yesakhiwo.



Ebeme phi lo mntu xa ebebona oku?

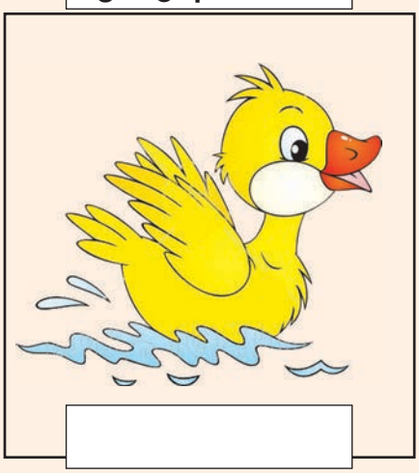
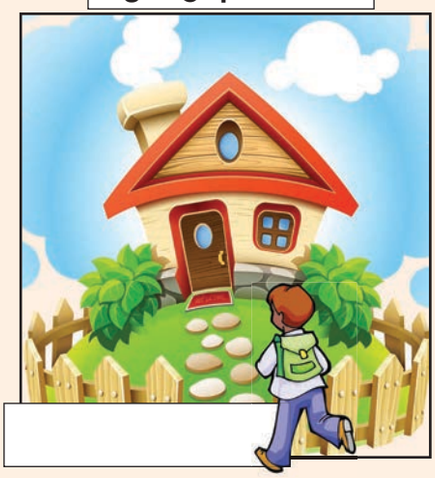
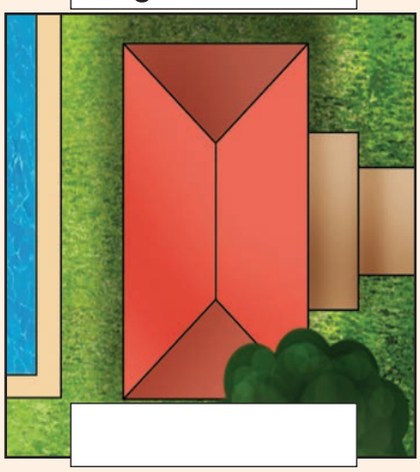








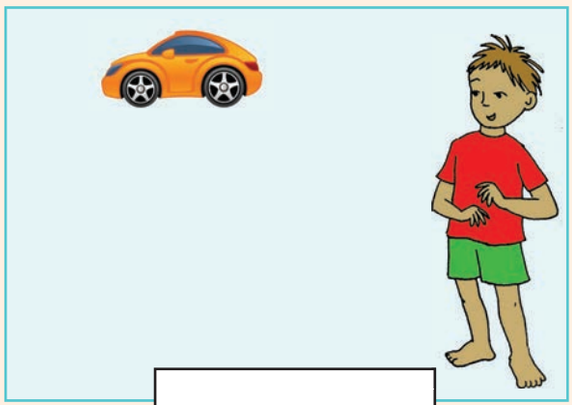
Bhala la magama emfanekisweni. Ubona ntoni lo mntu?

Imbonakalo yangaphambili	Imbonakalo yangaphezulu	Imbonakalo yasecaleni
		

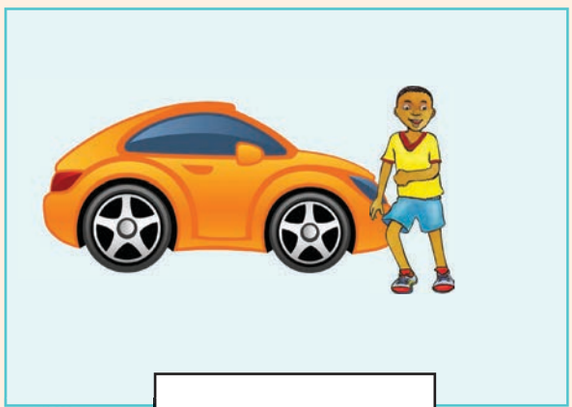
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Xela ukuba imoto ikufuphi okanye ikude na kule nkwenkwe.











Zoba umthi ube kufutshane omnye ube kude kule ntombazana.



ukufutshane

ukude





Yenza lo msebenzi:

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

Teacher:
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Umhla:

Ezinye iinkcukacha kwakhona



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

Xa ndihlela ndifaka iziqhamo ezifanayo ndawonye.



1 2 3 4 5 6 7 8 9 10

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2 Zoba umfanekiso obonisa iziqhamo zakho ezihleliweyo.

Isikhokelo:







3 Sebenzisa ulwazi olukumfanekiso ongentla uze ugqibezele le bhagrafu.







Phendula le mibuzo:

Sesiphi isiqhamo esisifumana kakhulu?

Sesiphi esona siqhamo sisifumana kancinci?

Teacher:
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Date:

11 12 13 14 15 16 17 18 19 20

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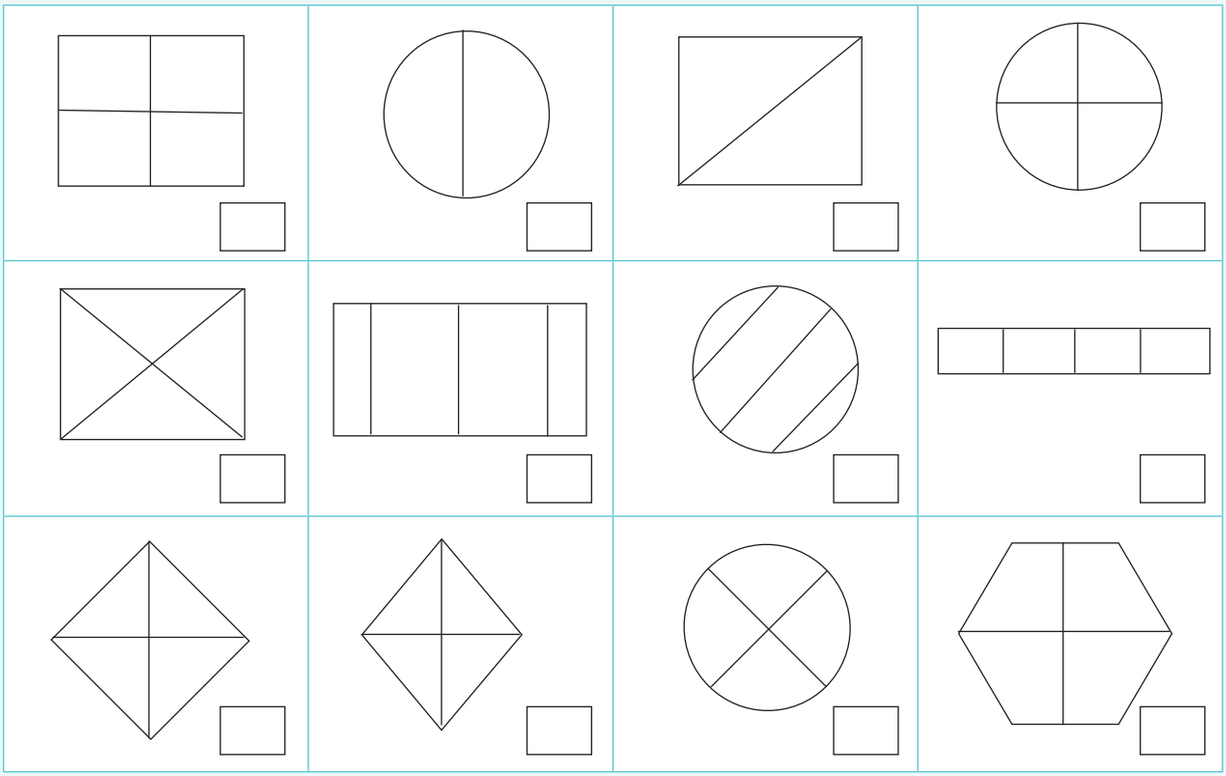
Umhla:

Amaqhezu – iikota

1 Fakela umbala ofanayo kwikota yokugqibela.



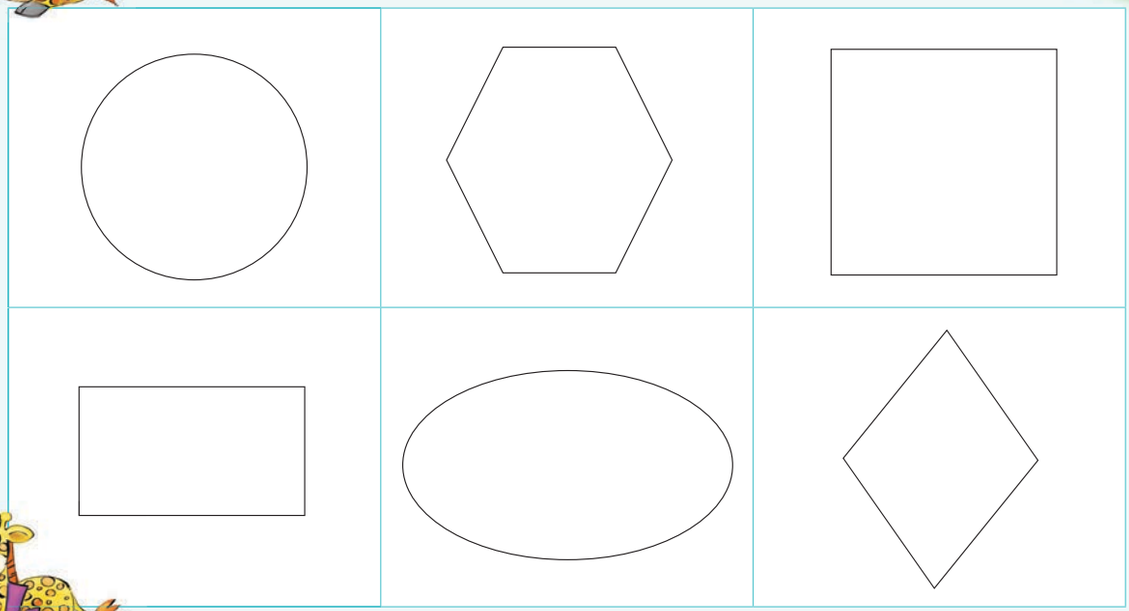
2 Phawula iimilo ezibonisa iikota.
Fakela umbala kwikota yemilo nganye eyahlulwe yaziikota.



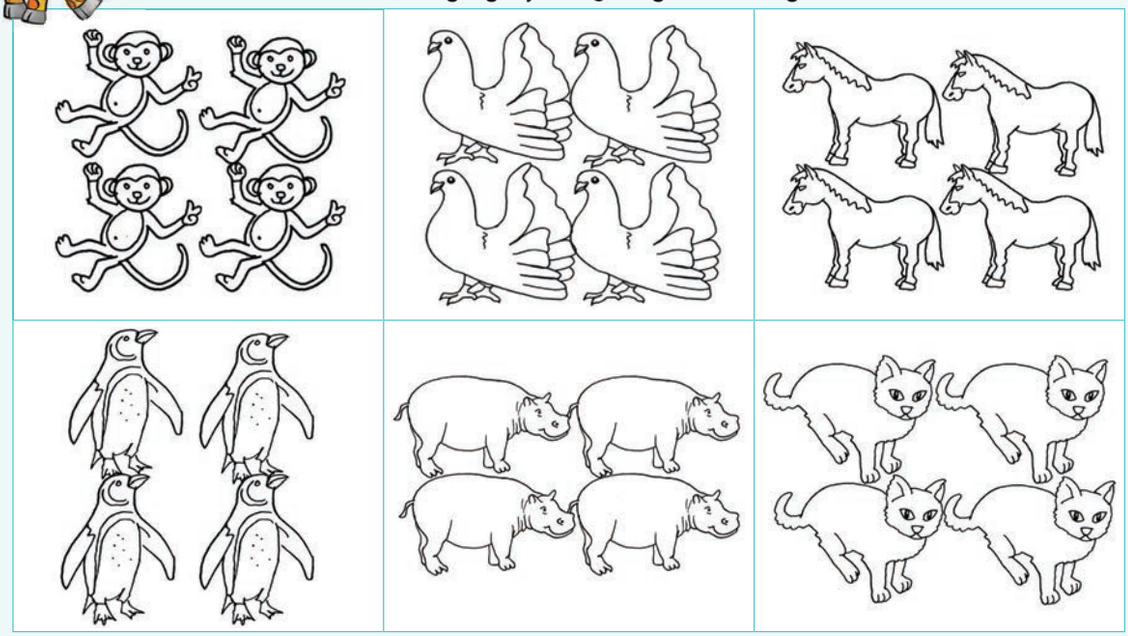
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Fakela umbala kwikota yemilo.



Fakela umbala kwikota enye yeqela ngalinye lezilwanyana.



ikota ikota ikota

Teacher:
Sign:
Date:

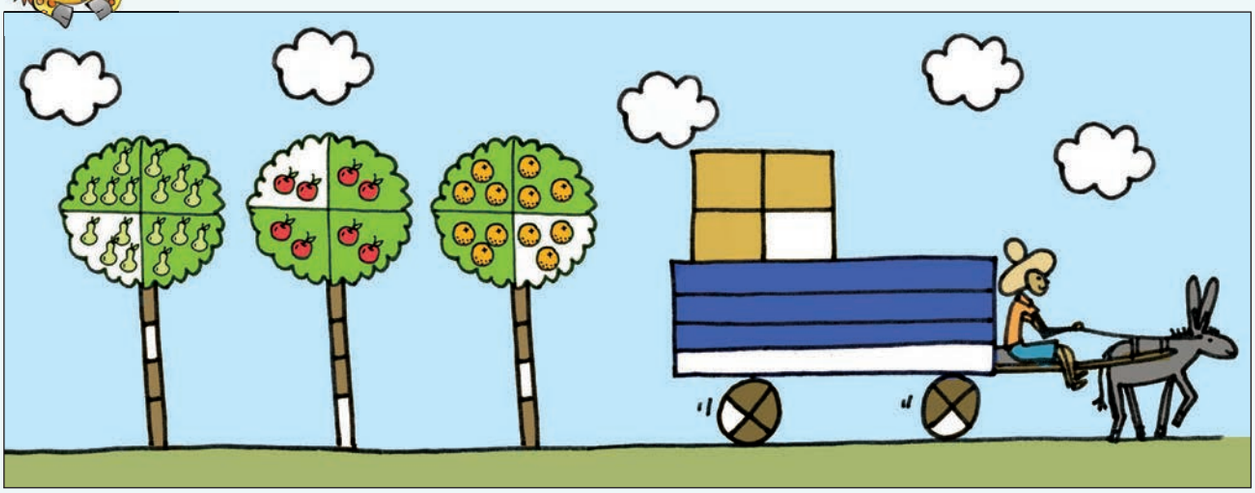
11 12 13 14 15 16 17 18 19 20

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Umhla:

Amaqhezu – ezinye iikota

Fakela umbala ofanayo kwikota yokugqibela.



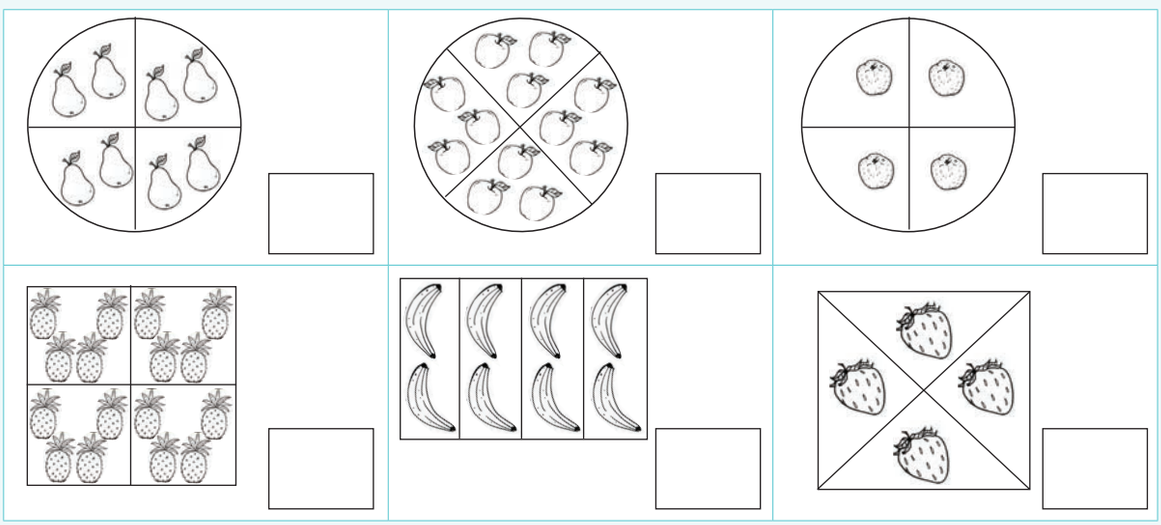
Phendula:

Ikota yamapere asemthini _____ .

Ikota yama-apile asemthini _____ .

Ikota yeeorenji ezisemthini _____ .

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

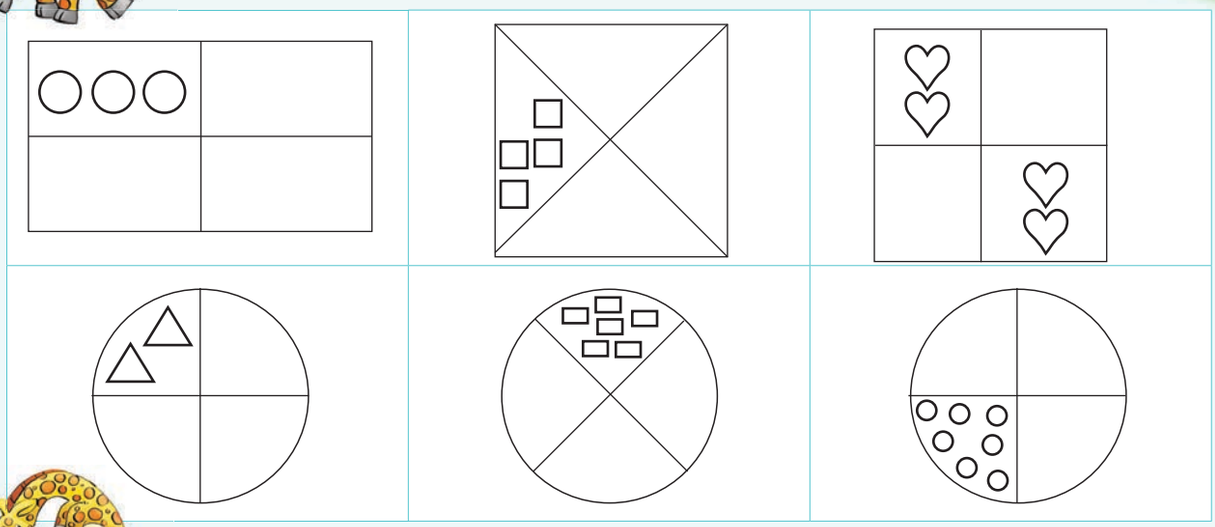


1 2 3 4 5 6 7 8 9 10

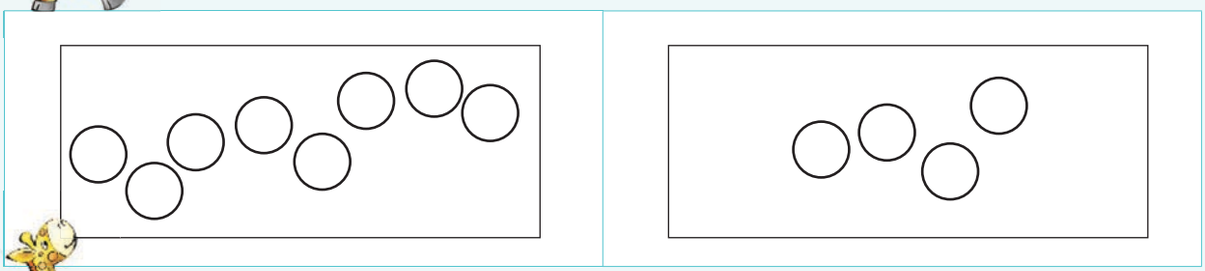
XHO MAT G2 B2 9781431501380.indb 66 2014/07/07 3:52 AM



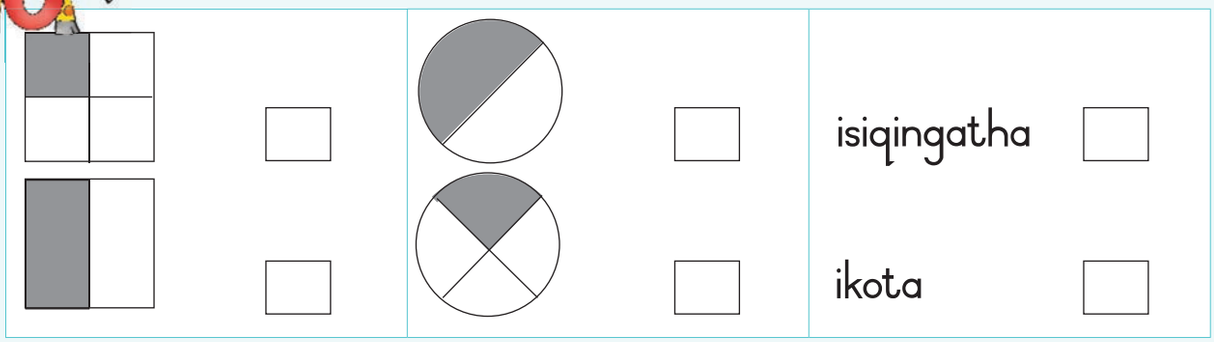
Zoba ezinye iimilo ukwenza ikota nganye ilingane nenye.



Bonisa ikota enye yeemilo.



Yeyiphi enkulu. Phawula impendulo echanekileyo.



ikota ikota

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

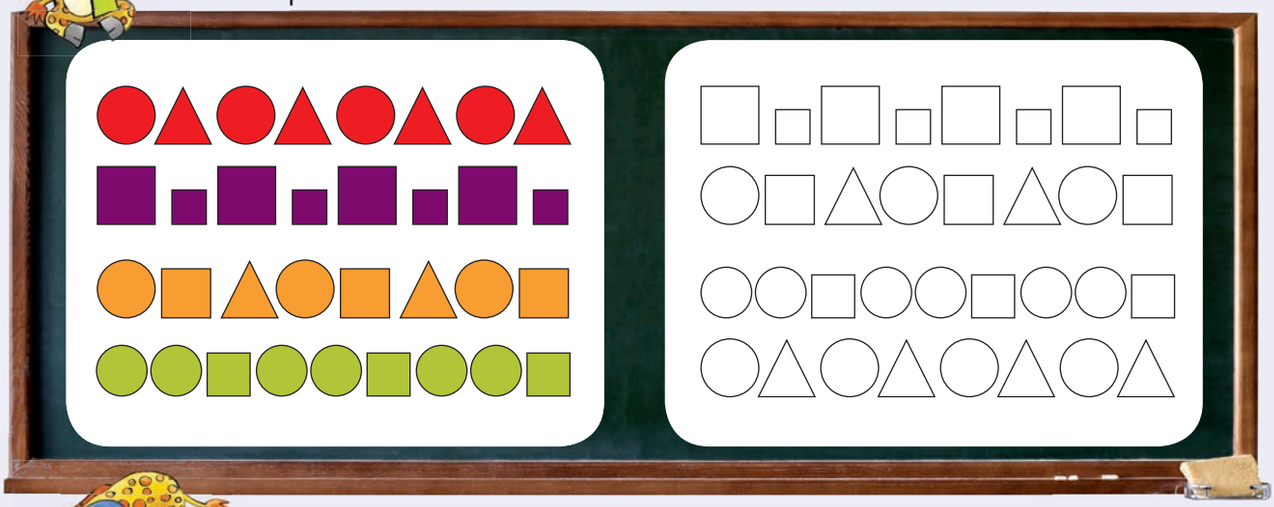
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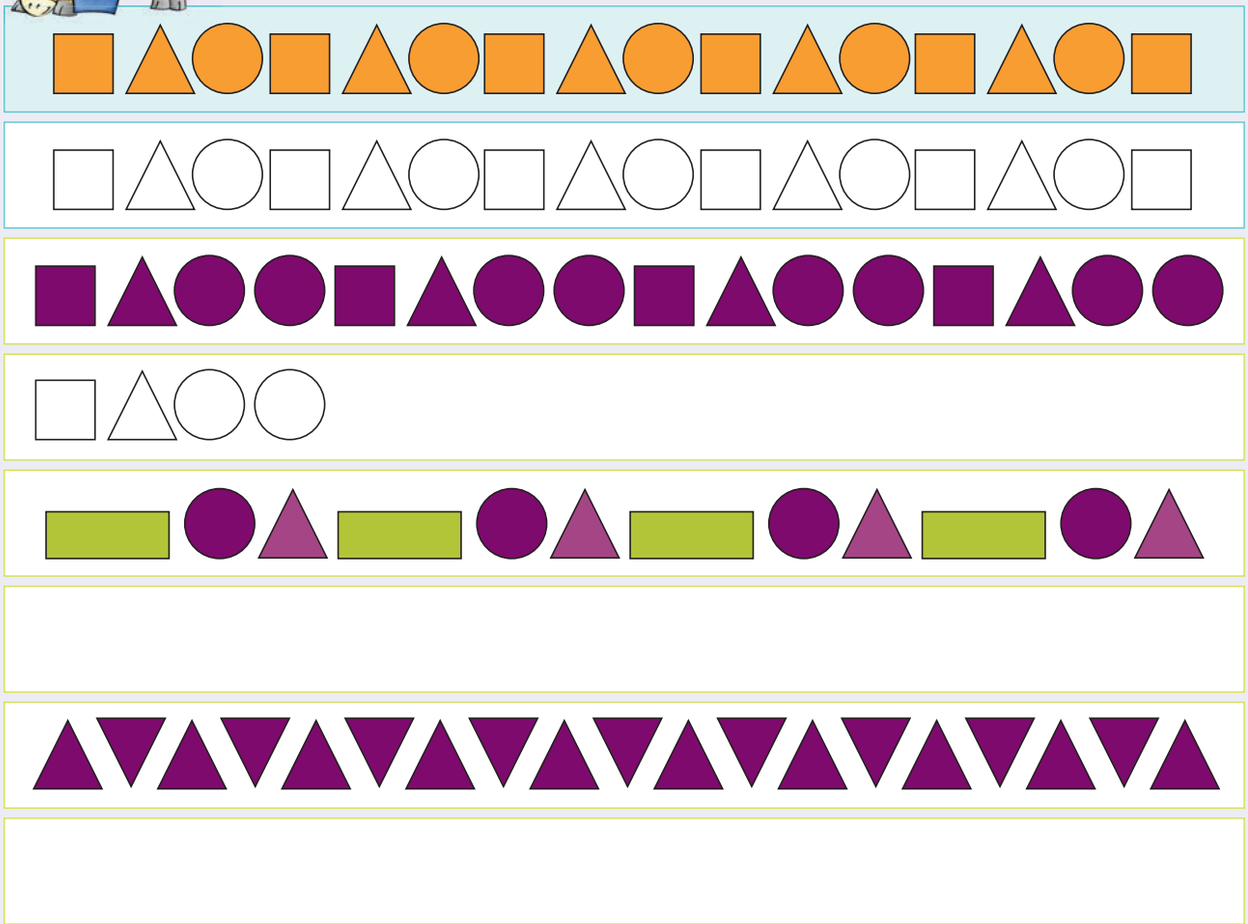
Umhla:

Iipatheni zejometri

1 Tshatisa iipatheni.



2 Khuphela le patheni ilandelayo.



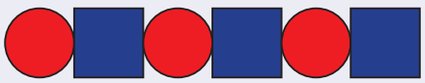
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3 Fakela umbala kwipatheni elandelayo.

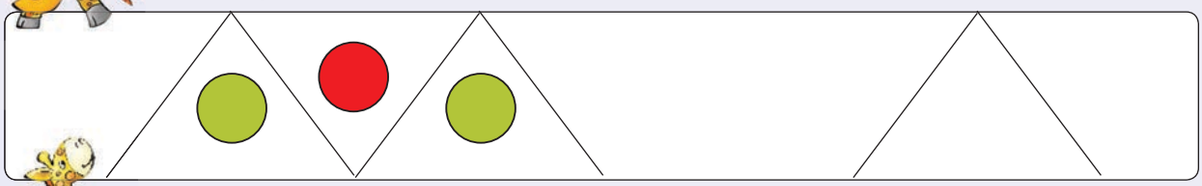


4 Zoba ipatheni elandelayo.

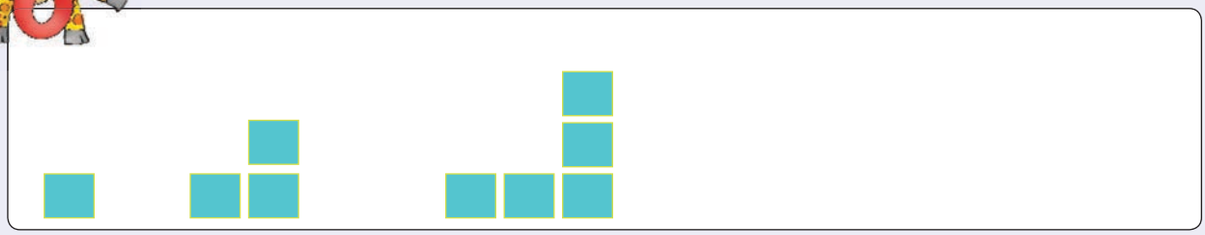




5 Yandisa ipatheni.



6 Zoba ipatheni elandelayo.





7 Zoba eyakho ipatheni.

Teacher:
Sign:
Date:

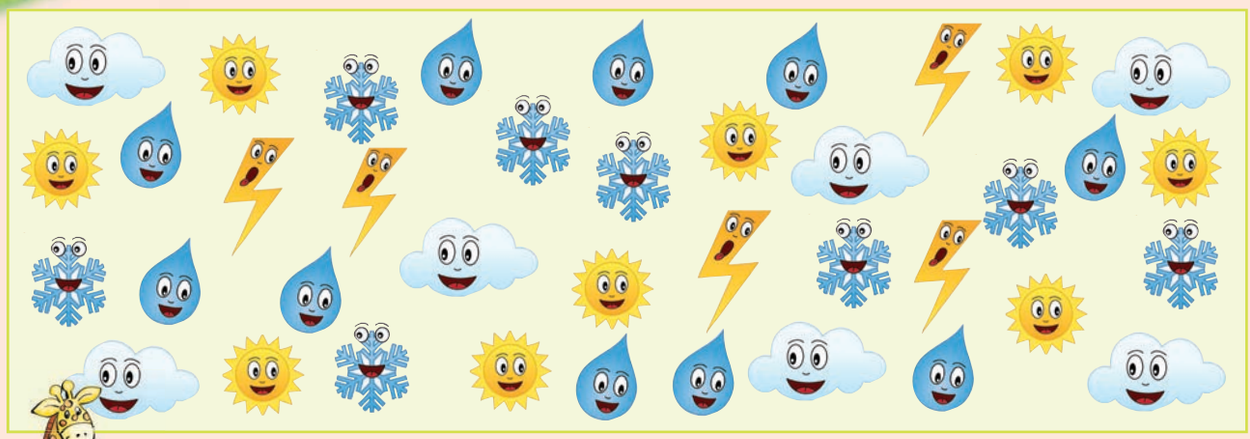
11 12 13 14 15 16 17 18 19 20

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Umhla:

Ukuhlela iinkcukacha



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

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Zoba umfanekiso weemeko zemozulu ezihleliweyo.

Isikhokelo:



Jonga imifanekiso engasentla ukuze ugqibezele itheyibhile.
Phendula le mibuzo ilandelayo:

Ingaba besinentsuku ezininzi ezinelanga okanye iintsuku ezininzi ezinamafu?

Ucinga ukuba leliphi ixesha lonyaka?

Ngoba kutheni?

Ingaba oku kuya kufana kuwo onke amaphondo?



11 12 13 14 15 16 17 18 19 20

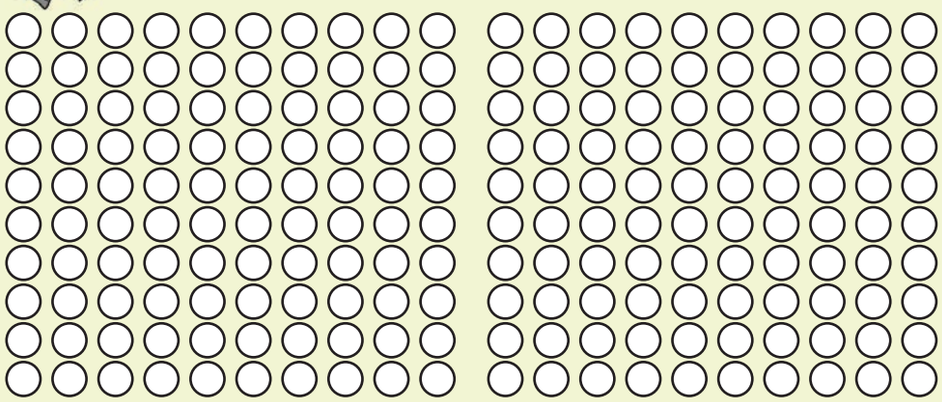
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Amanani 150–180

Umhla:

1 Faka umbala kwizangqa ezili-172.



2 Bhala isivakalisi-manani souk:

1 0 0 / 5 0 / 8 100 + 50 + 8 = 158	1 0 0 / 5 0 / 9 =	1 0 0 / 7 0 / 2 =
1 0 0 / 5 0 =	1 0 0 / 6 0 / 7 =	1 0 0 / 5 =

3 Ngawaphi amanani aphakathi:

kwe-150 ne-158 _____

kwe-172 ne-177 _____

kwe-180 ne-175 _____

kwe-160 ne-155 _____

kwe-165 ne-160 _____

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Bhala amanani abe mabini amancinci kunye namanani abe mabini amakhulu kunenani olinikiweyo.

Ncinane		Inani	Khulu	
		157		
		165		
		178		
		161		
		174		

Gqibezela le migca manani.

150 151 ☐ 153 ☐ ☐ 156 ☐ ☐ ☐ 160

180 179 178 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

166 167 ☐ ☐ ☐ ☐ 172 ☐ ☐ 175 176

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

Teacher:
Sign:
Date:

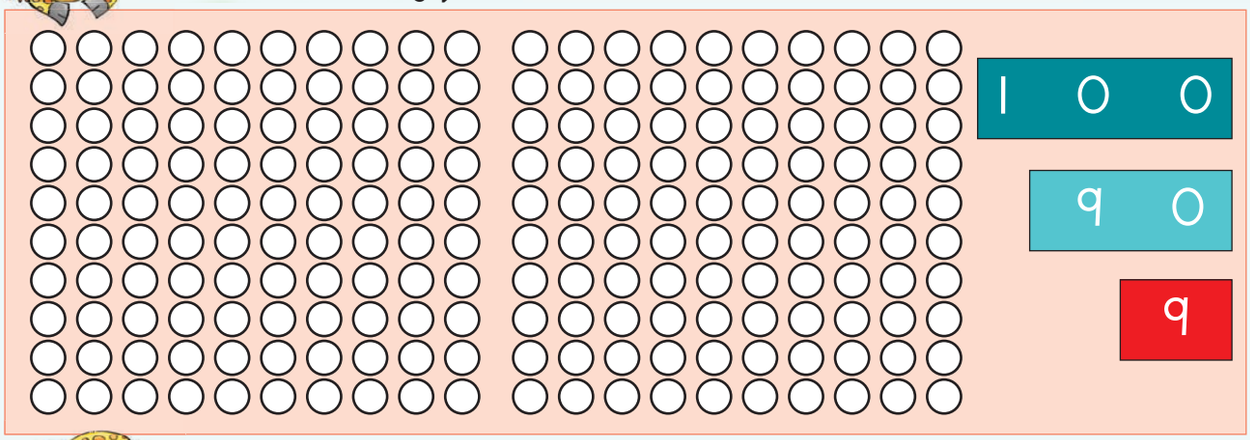
11 12 13 14 15 16 17 18 19 20

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Umhla: _____

Amanani 170–200

Faka umbala kwizangqa ezili-199.



Bhala inani:

1 0 0 / 7 0 / 7 100 + 70 + 7 = 177	1 0 0 / 9 0 / 3 =	1 0 0 / 8 0 / 1 =
1 0 0 / 9 0 / 5 =	1 0 0 / 9 0 / 9 =	1 0 0 / 7 0 / 9 =

Ngawaphi amanani aphakathi:

kwe-170 ne-175 _____

kwe-198 ne-195 _____

kwe-180 ne-175 _____

kwe-168 ne-173 _____

kwama-200 ne-196 _____

1 2 3 4 5 6 7 8 9 10

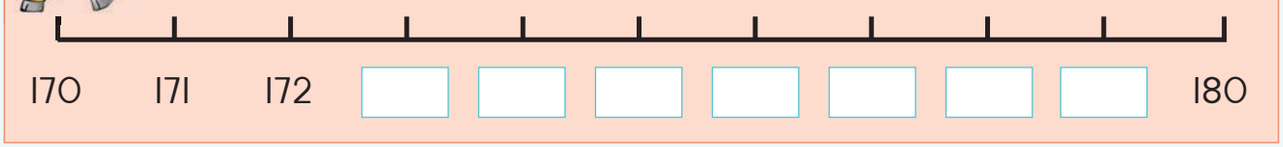
XHO MAT G2 B2 9781431501380.indb 74 2014/07/07 3:52 AM

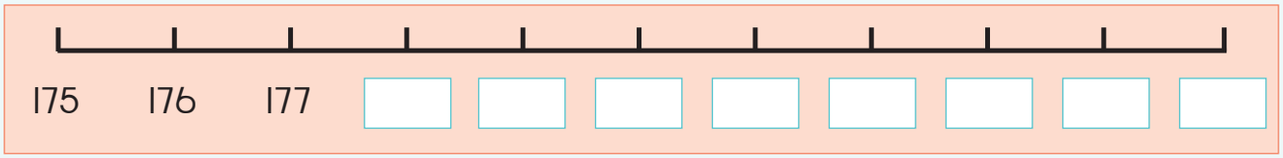


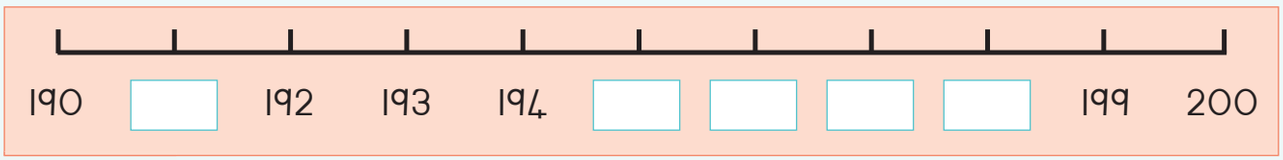
Nika amanani abe mabini amancinane kunye namanani abe mabini amakhulu kunenani olinikiweyo.

Ncinane		Inani	Khulu	
		170		
		198		
		185		
		174		
		181		

Gqibezela le migca-manani.







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

Teacher:
Sign:
Date:

XHO MAT G2 B2 9781431501380.indb 75 2014/07/07 3:52 AM

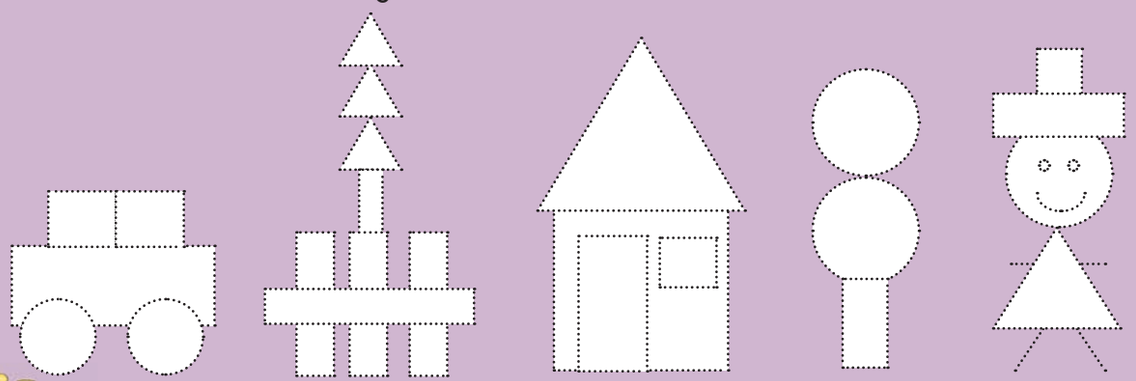
99



Umhla:

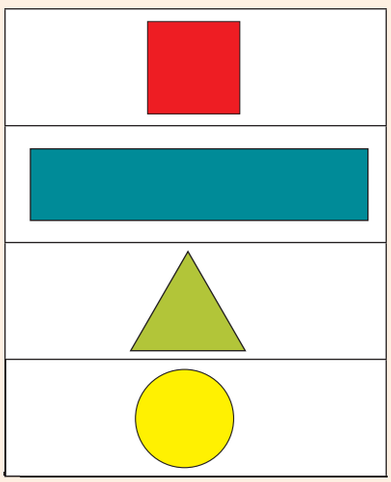
Iimilo ezingu-2-D

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





Beka igama kwimilo echanekileyo.

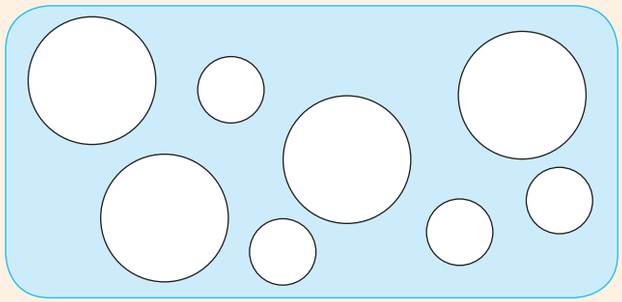


unxantathu
isangqa
isikwere
uxande



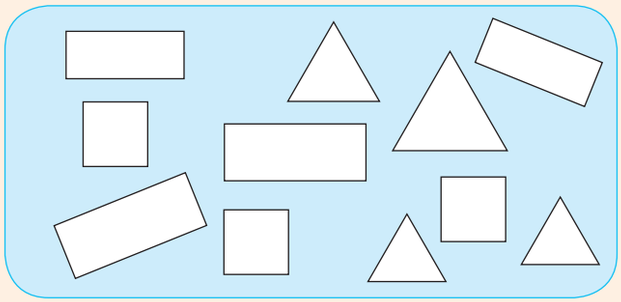
Fakela umbala:

- Obomvu kwizangqa ezikhulu
- Omthubi kwizangqa ezincinci



Fakela umbala:

- Obomvu kwiingxande ezinkulu
- Omthubi kwiingxande ezincinci

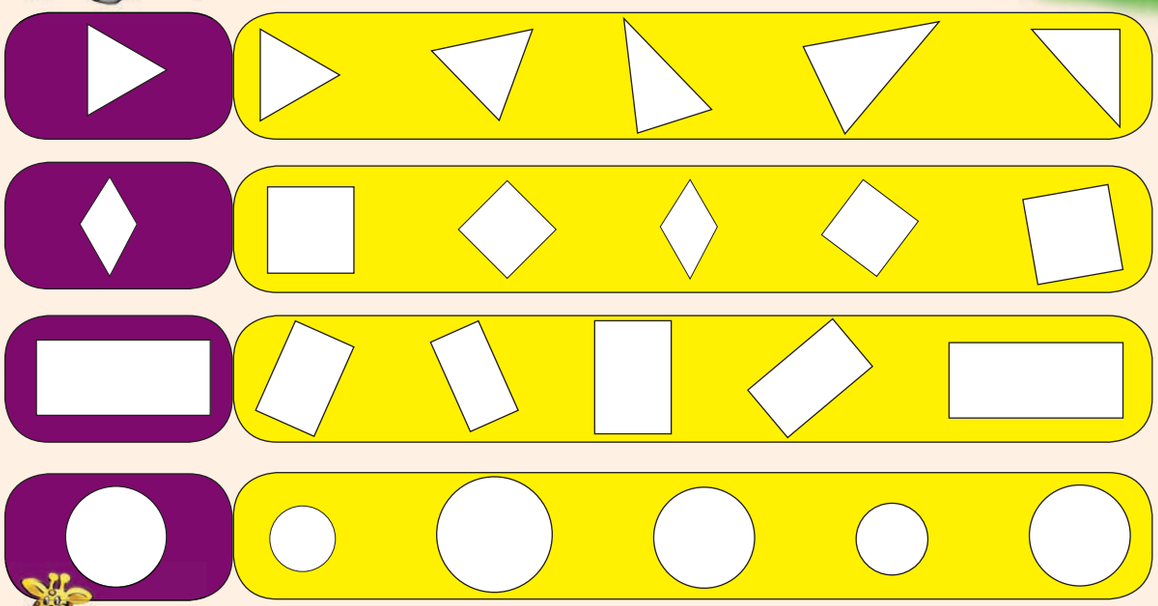


1 2 3 4 5 6 7 8 9 10

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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:
Sign:
Date:

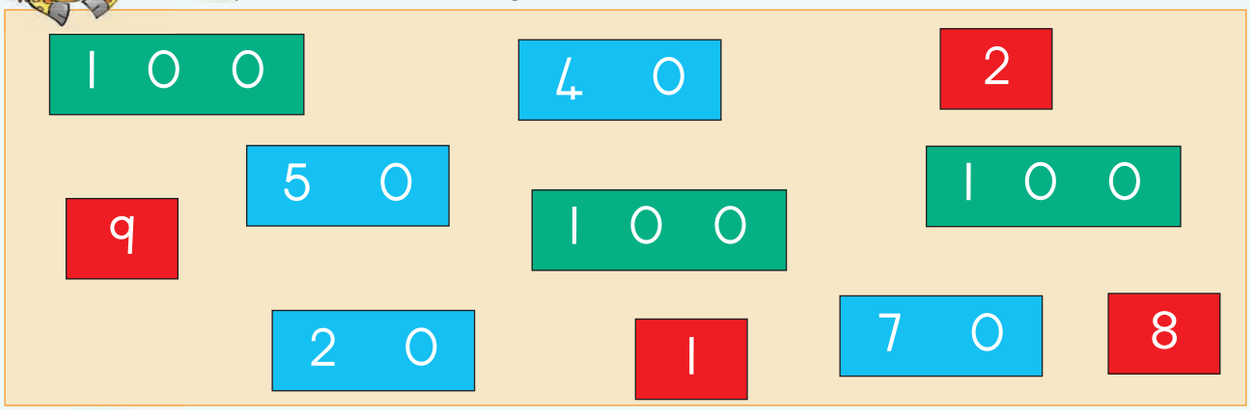
11 12 13 14 15 16 17 18 19 20

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Amanani 0–200

Mangaphi amanani ahlukeneyo onokuwenza?





Gqibezela:

100 + 40 + 9 =		100 + 70 + 3 =	
100 + 20 + 8 =		100 + 10 + 7 =	
100 + 90 + 2 =			



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

181 = ☐ + ☐ + ☐

144 = ☐ + ☐ + ☐

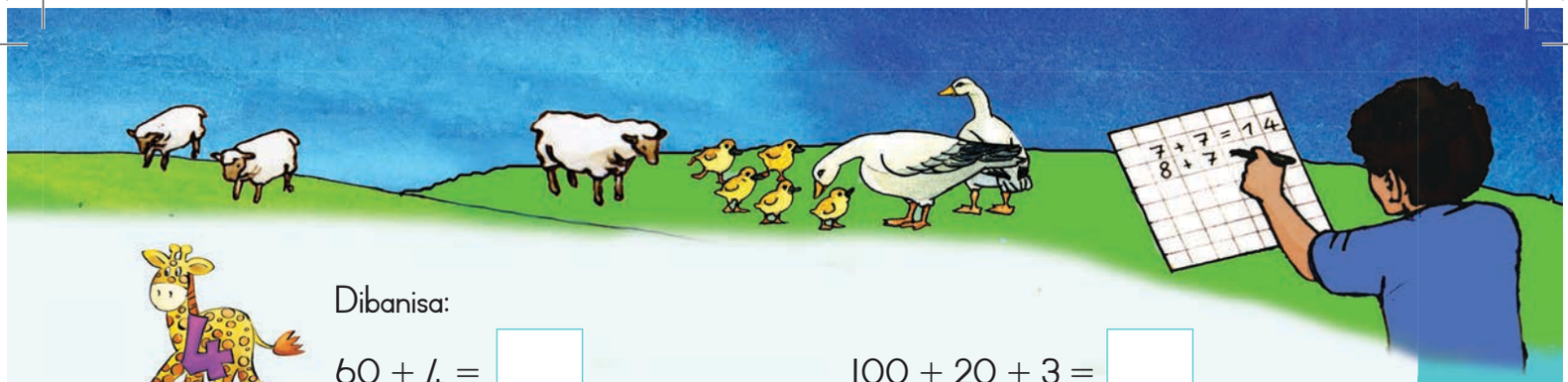
135 = ☐ + ☐ + ☐

156 = ☐ + ☐ + ☐

169 = ☐ + ☐ + ☐

1 2 3 4 5 6 7 8 9 10

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Dibanisa:

$60 + 4 =$ ☐

$90 + 8 =$ ☐

$40 + 7 =$ ☐

$30 + 6 =$ ☐

$50 + 2 =$ ☐

$100 + 20 + 3 =$ ☐

$100 + 40 + 9 =$ ☐

$100 + 70 + 8 =$ ☐

$100 + 60 + 1 =$ ☐

$100 + 50 + 5 =$ ☐

Fakela inani elingekhoyo:

$70 +$ ☐ $= 71$

$30 +$ ☐ $= 38$

$60 +$ ☐ $= 69$

$20 +$ ☐ $= 24$

$80 +$ ☐ $= 85$

$100 +$ ☐ $+ 3 = 153$

$100 +$ ☐ $+ 9 = 169$

☐ $+ 70 + 8 = 178$

$100 +$ ☐ $+ 1 = 191$

$100 + 50 +$ ☐ $= 157$



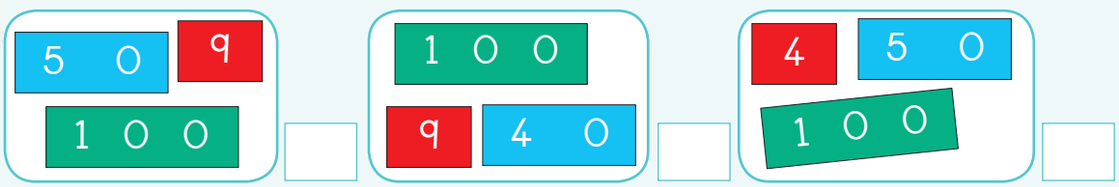
Yenza ezakho izibalo usebenzise amakhulu, amashumi kunye nemivo.

☐ + ☐ + ☐ = ☐

☐ + ☐ + ☐ = ☐



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



11 12 13 14 15 16 17 18 19 20

XHO MAT G2 B2 9781431501380.indb 79 2014/07/07 3:52 AM

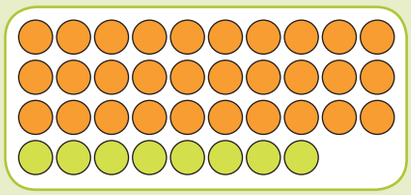
101

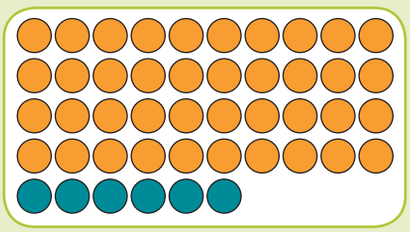
Ukudibanisa kunye nokuthabatha

Umhla:

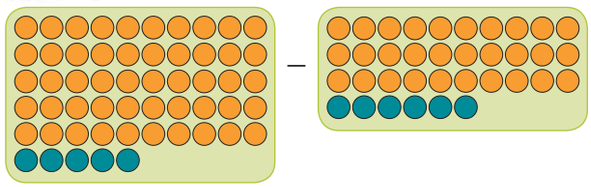
Jonga ibhodi yamanani kunye namaso. Ncokola ngayo.

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	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

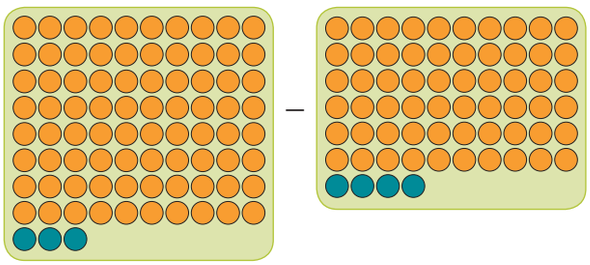




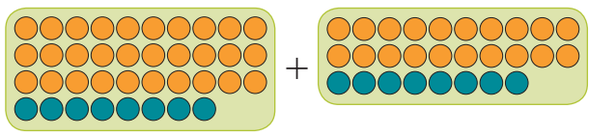
Dibanisa okanye thabatha amaso.



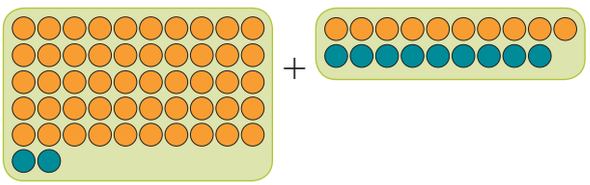
50 5 − 30 6
= 40 + 15 − 30 − 6
= 10 + 9
= 19



= + − −
= + − −
= +
=

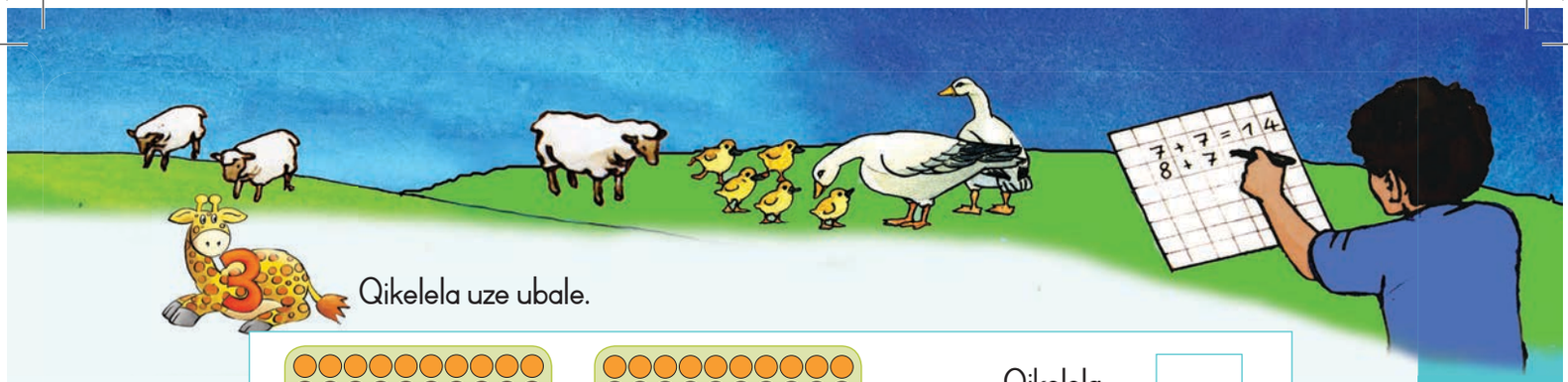


+ +
= + +
= + + +
= +
=

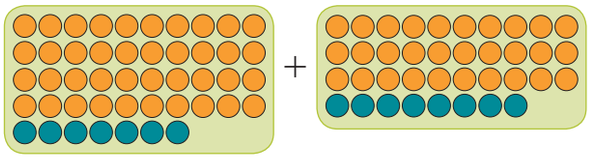


+ +
= + +
= +
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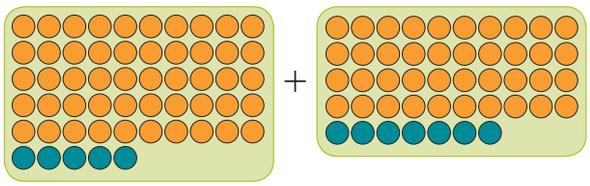


Qikelela uze ubale.



Qikelela

Bala



Qikelela

Bala

Bala usebenzise eyakho indlela yokubala.

53 + 39

92 – 48

Dibanisa ama-39 kunye nama-29.

Leliphi inani elingaphantsi nge-19 kunama-43?

Thabatha ama-45 kuma-74.

Kushiyeka ntoni xa uthabathe ama-69 kuma-82?

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

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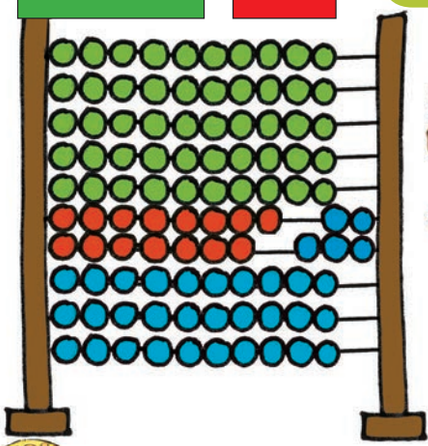
102

Umhla:

Ukudibanisa nokwahlula kwakhona

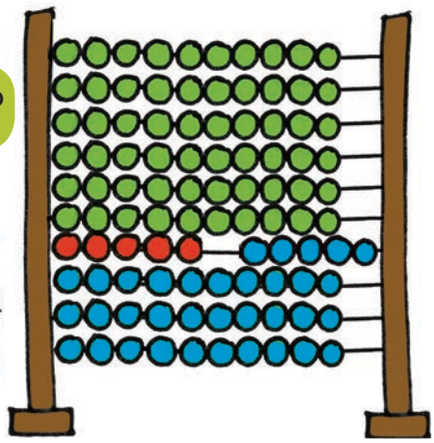
1 Jonga iabhakhasi engasekhohlo nengasekunene. Ubona ntoni?

2 0	8	=	6 0	5
3 0	7			

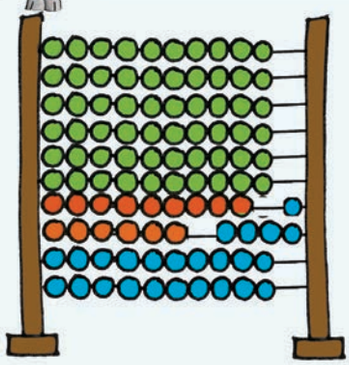




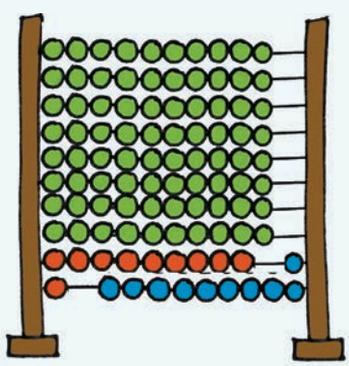




2 Bhala isibalo esidibanisayo nesithabathayo. Sibale.

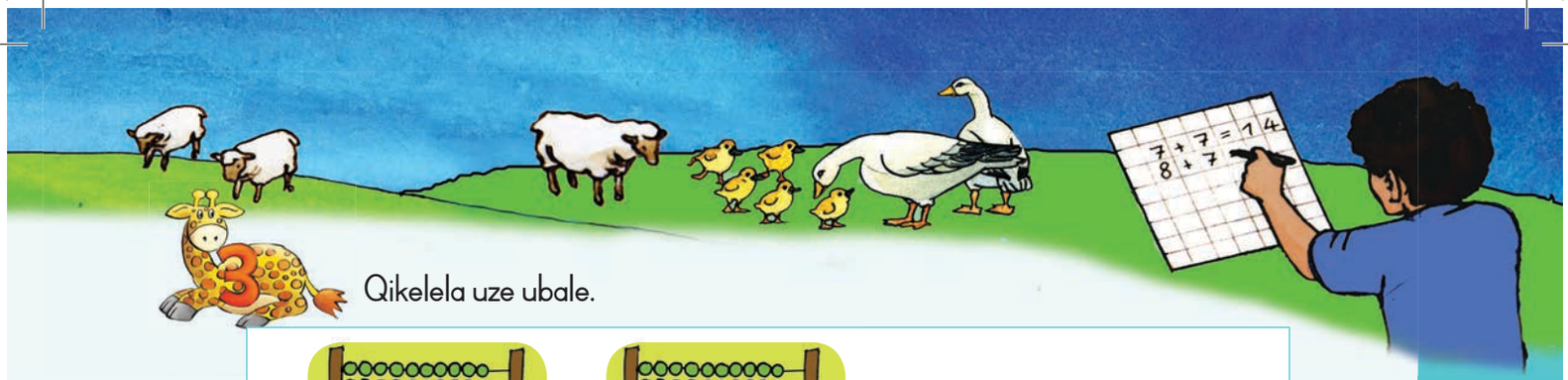


Isibalo esidibanisayo	Isibalo esithabathayo

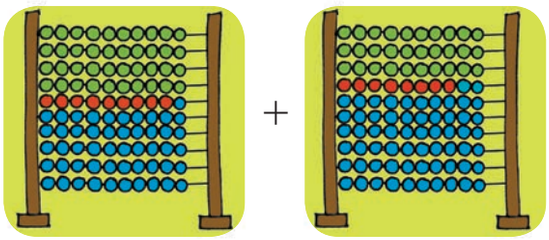


Isibalo esidibanisayo	Isibalo esithabathayo

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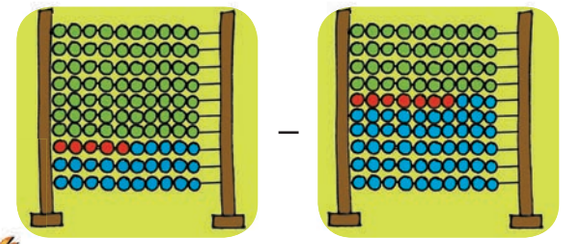


Qikelela uze ubale.



Qikelela

Bala



Qikelela

Bala

Bala usebenzise eyakho indlela yokubala.

58 + 35

34 – 26

Yintoni isiphumo sama-74 kunye ne-19?

Isiphumo sama-46 kunye nama-27.

Thabatha ama-34 kuma-72.

Umahluko phakathi kwama-81 kunye nama-36.

Teacher:

Sign:

Date:

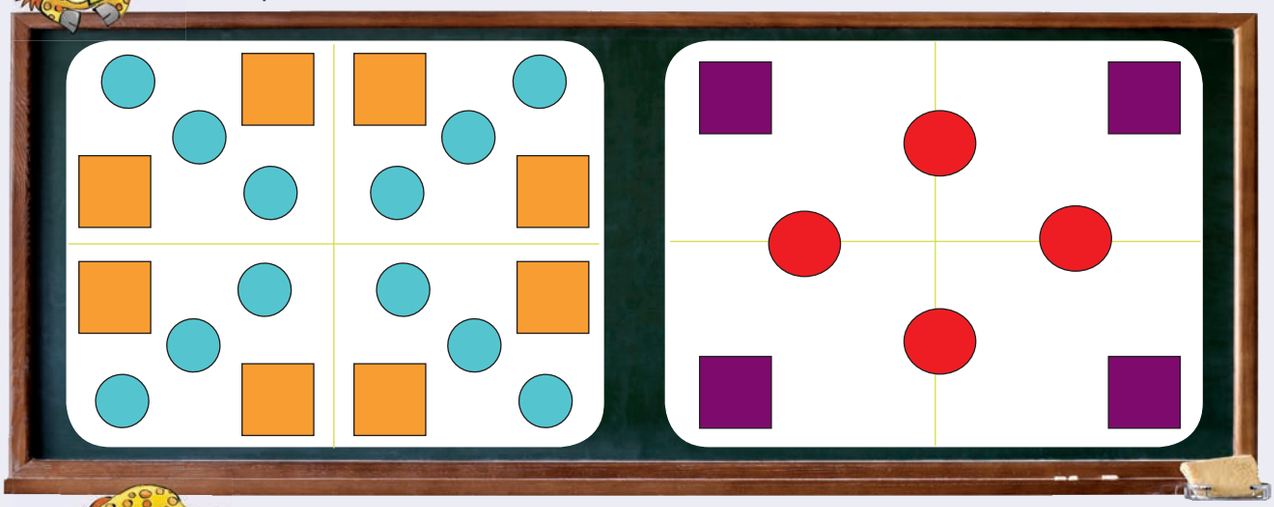
11 12 13 14 15 16 17 18 19 20

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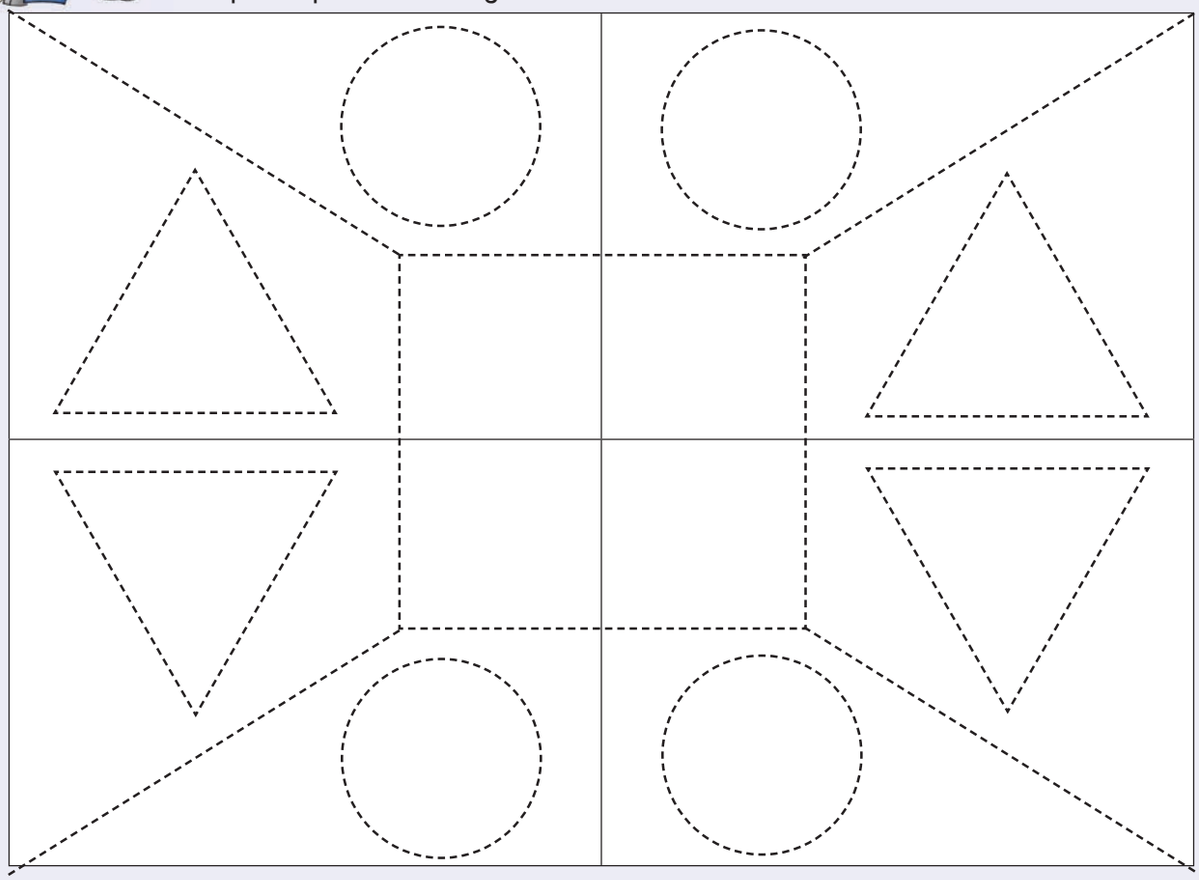


Iipatheni zeemilo

1 Chaza ipatheni.



2 Khuphela ipatheni uze uyifakele umbala.

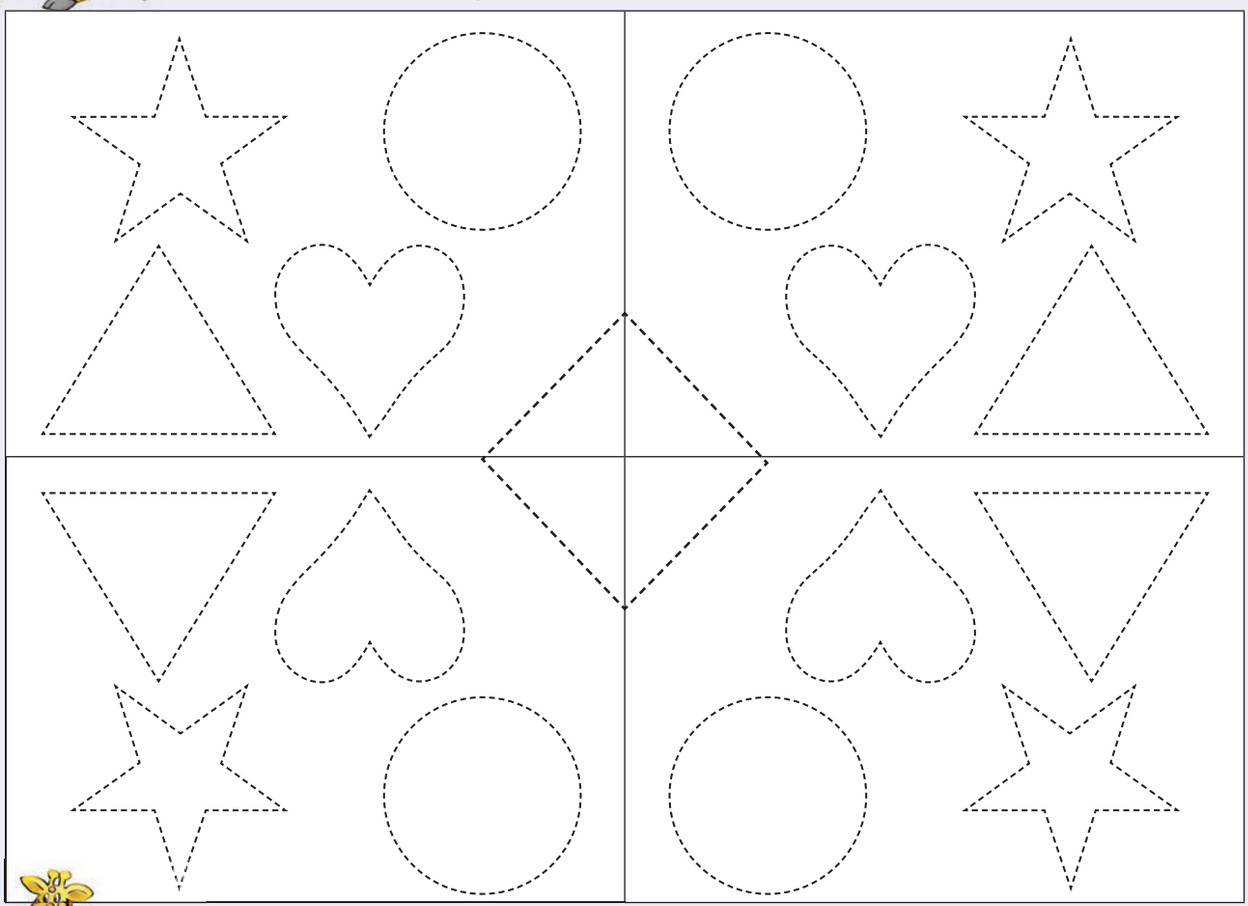


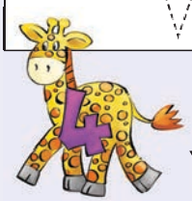
1 2 3 4 5 6 7 8 9 10

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Khuphela ipatheni uze uyifakele umbala.





Yila eyakho ipatheni usebenzise iimilo.

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

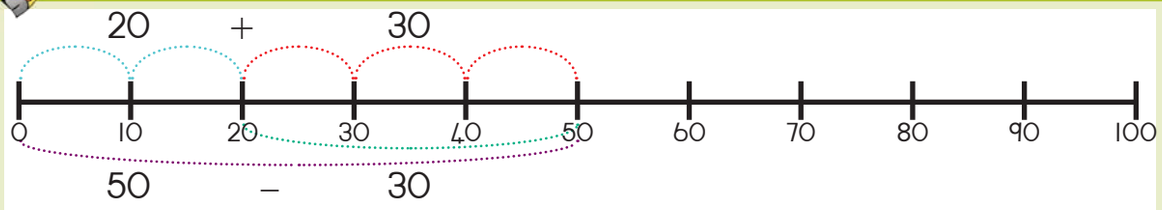
XHO MAT G2 B2 9781431501380.indb 85 2014/07/07 3:53 AM

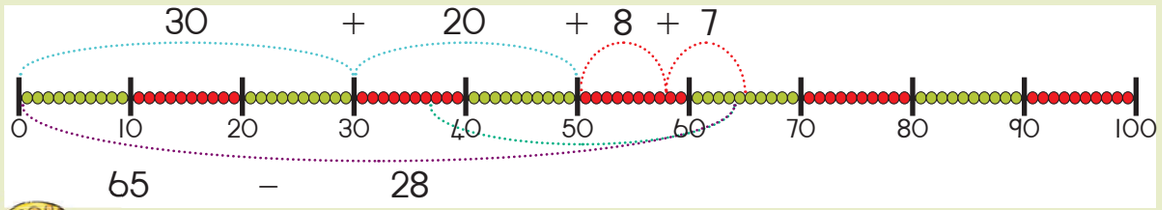
104

Umhla: _____

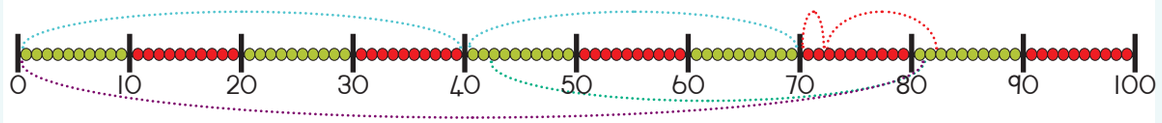
Ukudibanisa kunye nokuthabatha

Jonga imigca-manani. Ncokola ngayo.

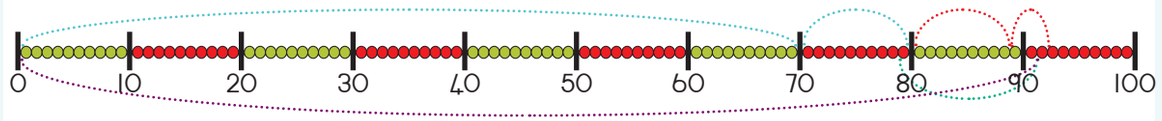




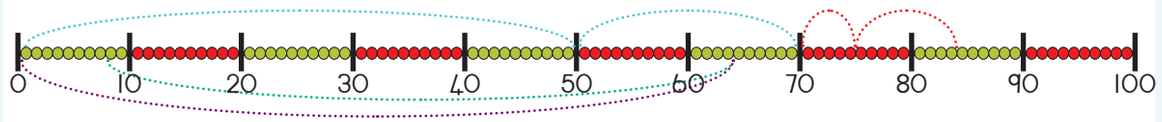
2 Bhala isibalo sokudibanisa nokuthabatha usebenzise umgca-manani.



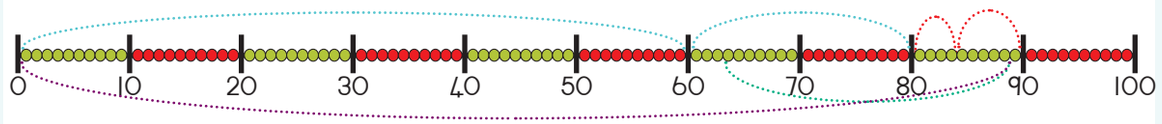
Isibalo sokudibanisa: _____ Isibalo sokuthabatha: _____



Isibalo sokudibanisa: _____ Isibalo sokuthabatha: _____



Isibalo sokudibanisa: _____ Isibalo sokuthabatha: _____

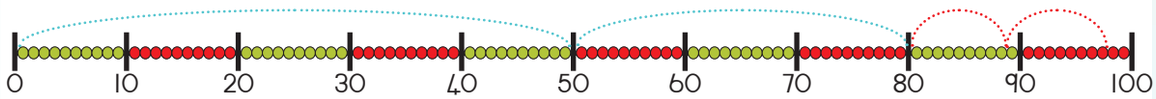


Isibalo sokudibanisa: _____ Isibalo sokuthabatha: _____

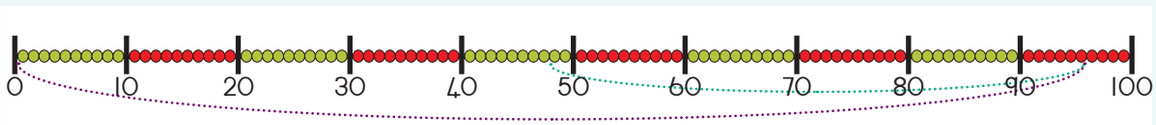
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Qikelela uze ubale inani lamaso.



Qikelela: _____ Bala: _____



Qikelela: _____ Bala: _____



Bala usebenzise eyakho indlela yokubala.

74 + 18	72 – 43



Yintoni isiphumo sama-82 kunye ne-9?

Isiphumo sama-79 kunye ne-13.

Thabatha ama-44 kuma-52.

Umahluko phakathi kwama-98 kunye nama-59.



11 12 13 14 15 16 17 18 19 20

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105 Okunye ukudibanisa nokuthabatha

Umhla:

Yenza amacala alingane.

10 + 4 + 5 | 9 + ☐ + ☐



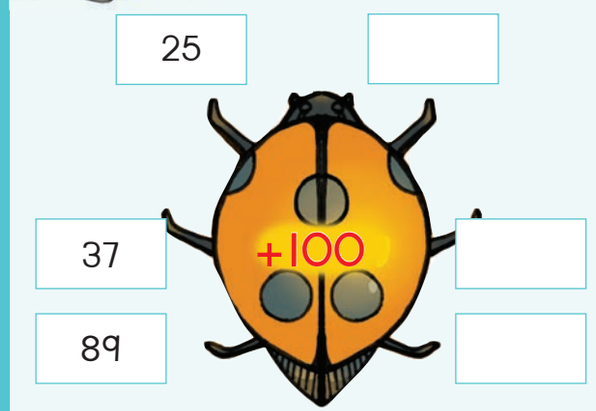
90 – 50 | ☐ – 20

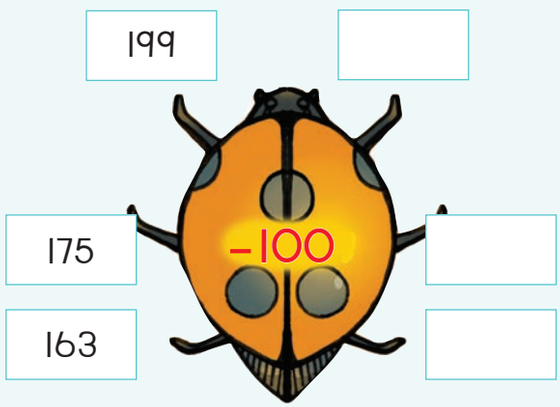


Gqibezela:

I ngaphezulu		I ngaphantsi		10 ngaphezulu		10 ngaphantsi	
6	7	4	3	40	50	40	30
5		8		10		150	
3		10		60		20	
9		9		70		110	
2		2		20		200	
7		7		80		60	
4		6		30		180	
8		3		100		70	

Gqibezela le mifanekiso.





1 2 3 4 5 6 7 8 9 10

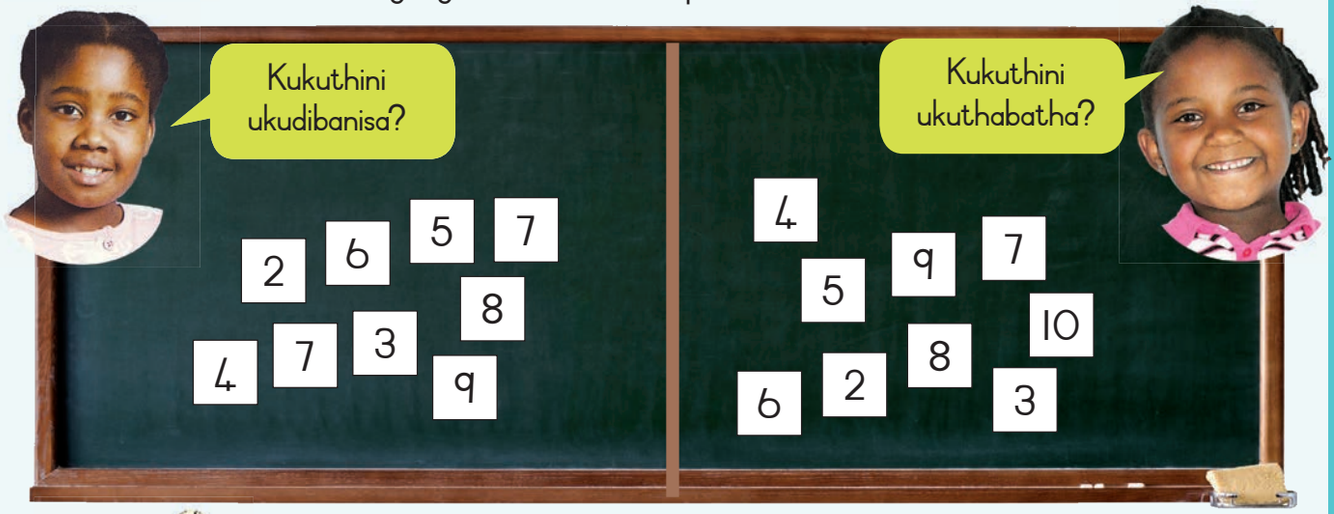
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Yenza izibalo ezi-5 usebenzise la manani nezi mpawu.
Ungalisebenzisa kabini inani.

90		–		20		+		5
100		4		3				30

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



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

48 + 36	85 – 59

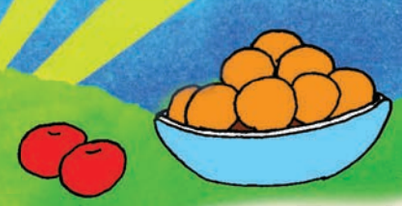
Bala isibalo samagama. Zoba umfanekiso ubonise impendulo yakho.

Ndinemali engama-R42 endiyigcinileyo waze utata wandipha ama-R29. Ndinamalini iyonke?	Bendinama-R78 ndaze ndathenga izinto zokubhala nge-R34. Ndishiyekelwe yimalini?

Teacher:
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Date:

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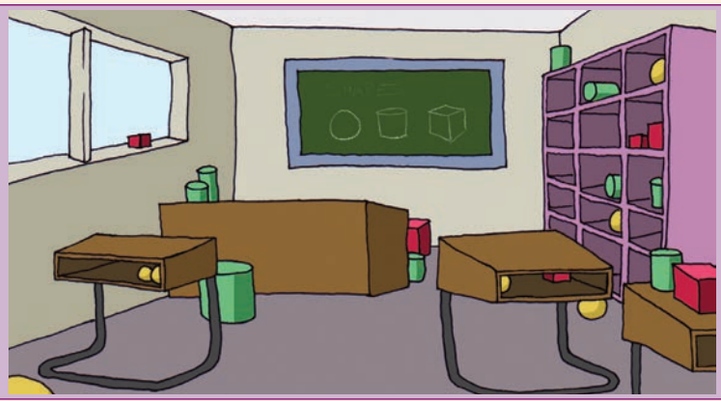




Umhla:

Iimilo ezingu-3-D

Ziphi iibhokisi, iibhola neesilinda?





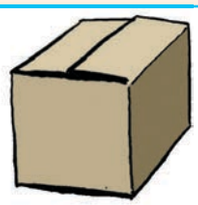
Chaza ukuba yibhokisi okanye yibhola okanye yisilinda.















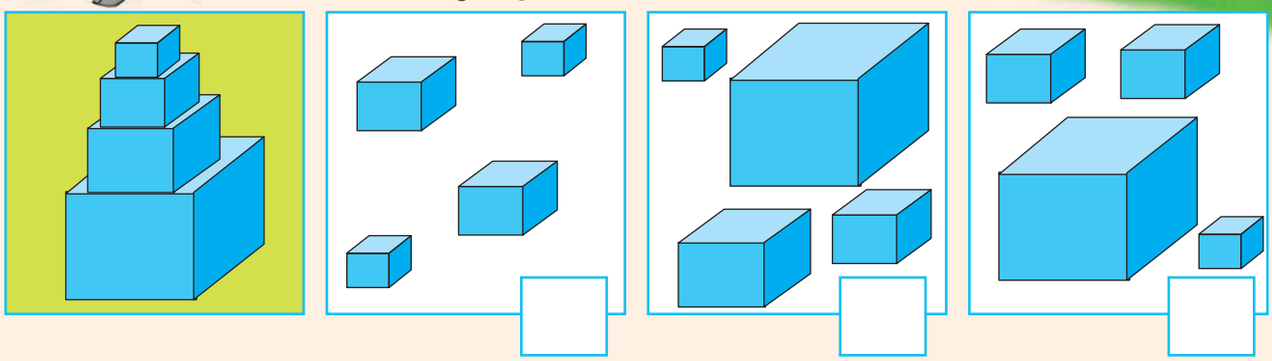
Funa imifanekiso yezi zinto uze uyincamathelise apha.

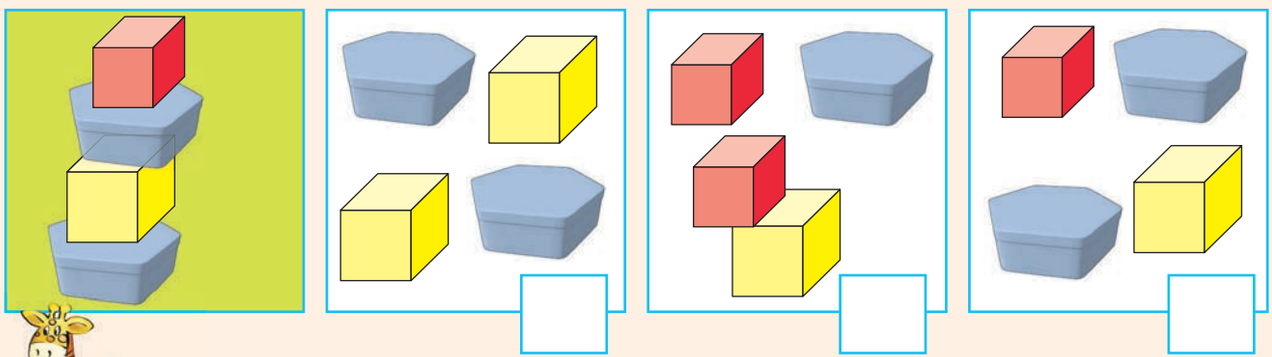
Ibhola	Ibhokisi	Isilinda

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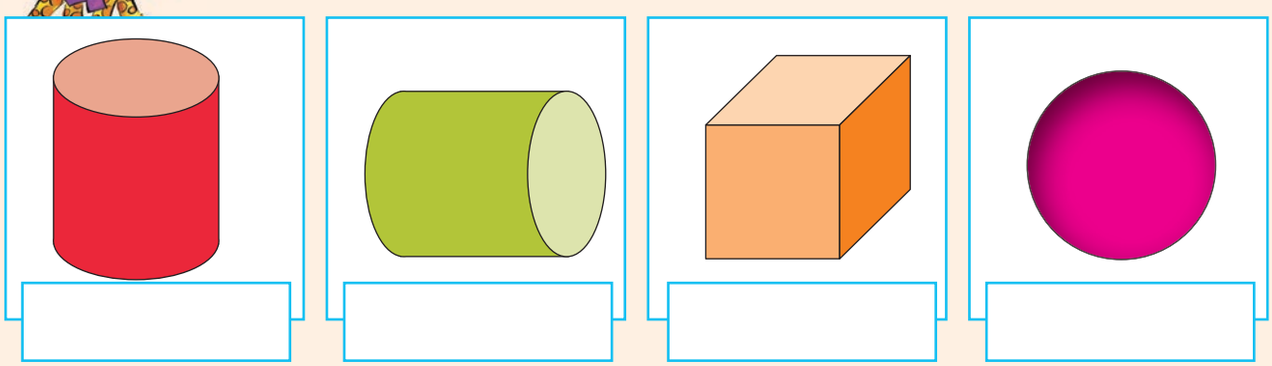


Phawula izinto ezichanekileyo ozisebenzisileyo ekwakheni incochoyi engasekhohlo.





Xela ukuba le nto iza kuqengqeleka na okanye iza kutyibilika.



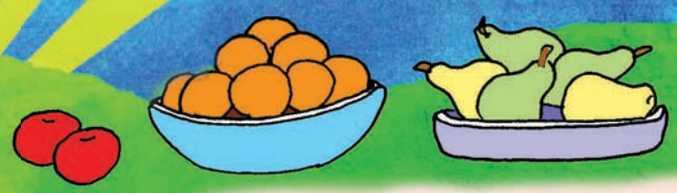
Yintoni efana nale nto kowenu okanye kwindawo ekufuphi nakowenu?

- Isilinda _____
- Ibhola _____
- Ibhokisi _____

Teacher:
Sign:
Date:

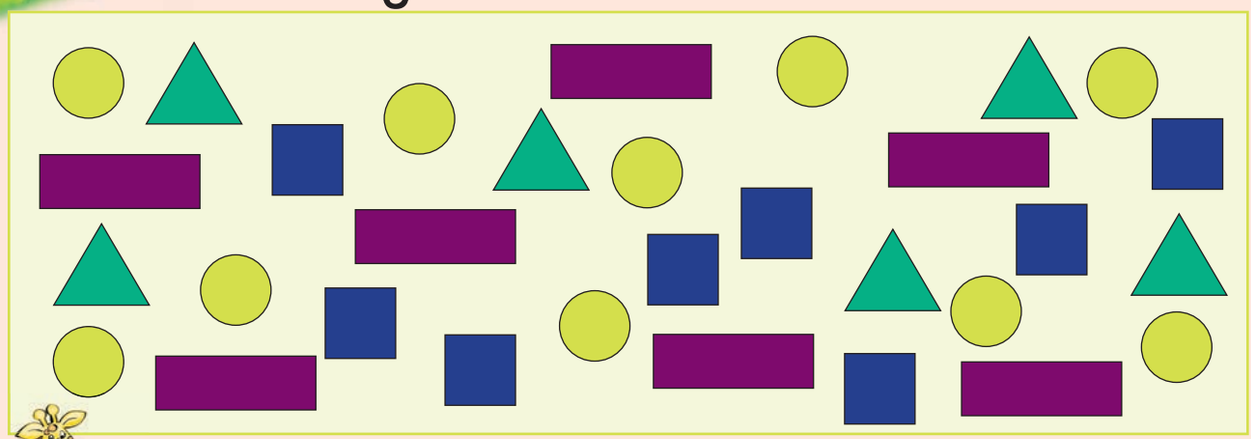
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Umhla:

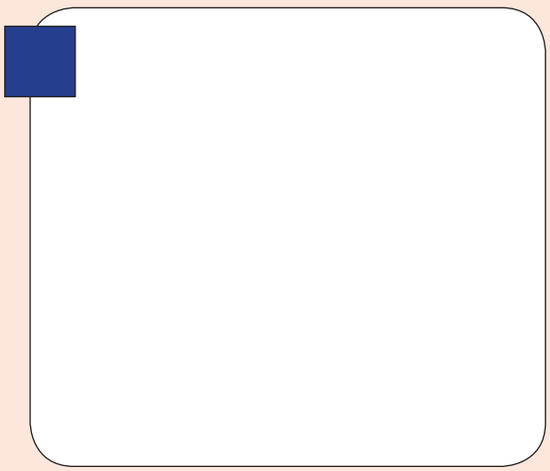
Ezinye iinkcukacha kwakhona

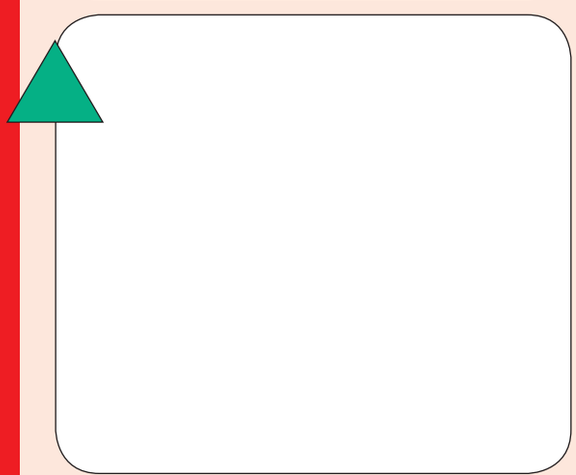


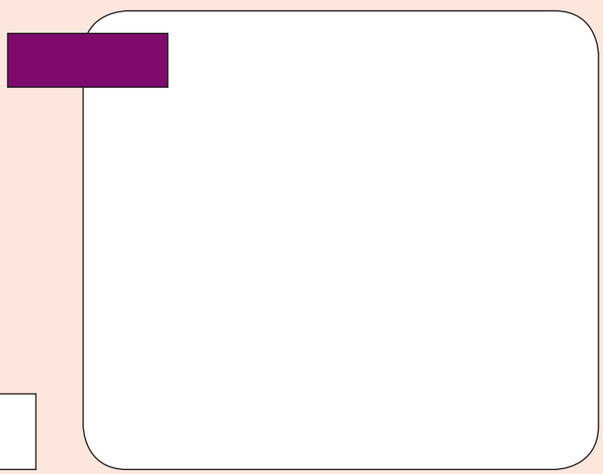


Hlela iimilo. Zenzele owakho umfanekiso. Bhala isiphumo ebhokisini.









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Zoba umfanekiso obonisa iziqhamo zakho ezihleliweyo.

Isikhokelo:



Fakela umbala kwezi bloko ugqibezele ibhagrafu yakho.

Zingaphi izangqa ezikhoyo?

Zingaphi izikwere ezikhoyo?

Zingaphi iingxande ezikhoyo?

Bangaphi oonxantathu abakhoyo?



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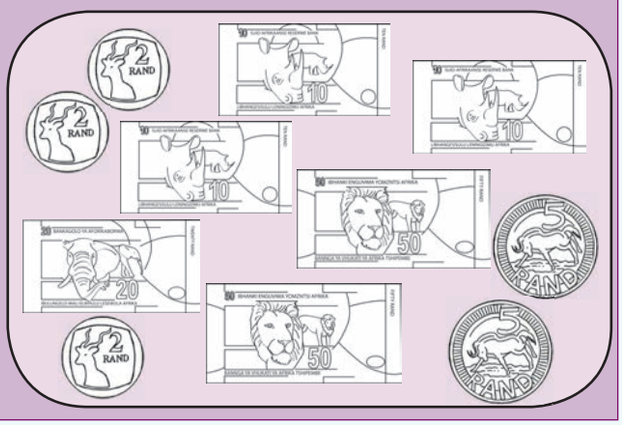
Umhla:

Ukubala imali

Fakela umbala kwiinkozo eziya kwenza ama-95c.



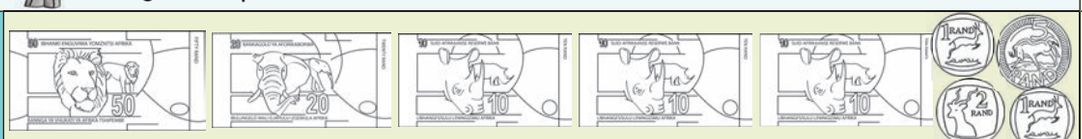
Fakela umbala kwimali eya kwenza ama-R99.



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

		Ewe	Hayi
75c			
85c			
90c			

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

		Ewe	Hayi
R87			
R75			
R94			

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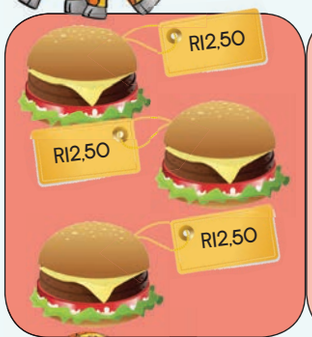
USipho uthenge iihambhega ezimbini. Inye ixabisa i-RI2,50. Uhlawule malini? Zoba imali engamaphepha neziinkozo ubonise impendulo yakho. Bhala kwakhona njengesivakali samanani.





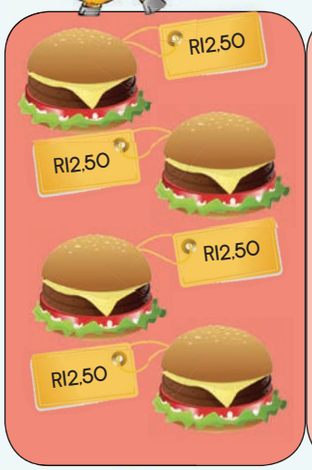
Isivakalisi samanani:
RI2,50 + RI2,50 =

Ukuba uSipho uthenga iihambhega ezintathu?



Isivakalisi samanani:

Ukuba uSipho uthenga iihambhega ezine?



Isivakalisi samanani:

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

Teacher:
Sign:
Date:

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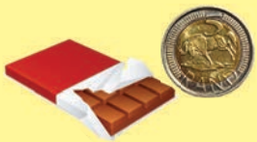
109

Umhla:

Sombulula amaqhina emali

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

Itshokolethi e-1



Iitshokolethi ezi-2



Iitshokolethi ezi-3



Iitshokolethi ezi-4



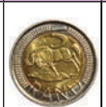


USheila uthengisa imidundu ngee-R4 umnye. Gqibezela le theyibhile ukuze imncede afumane isixa seeodolo ezinkulu.

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									

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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:

11 12 13 14 15 16 17 18 19 20

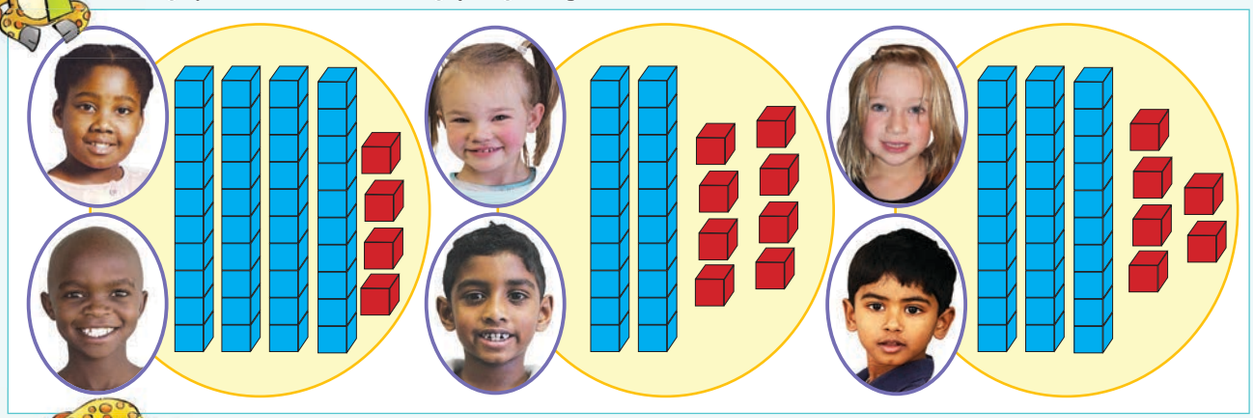
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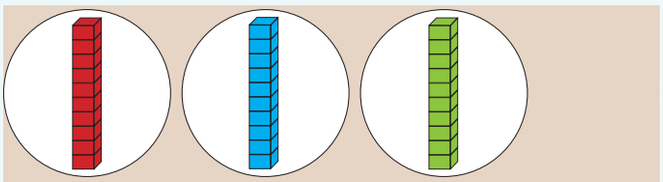
Umhla:

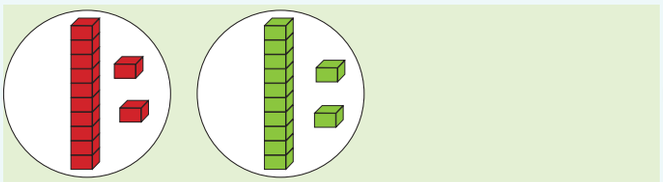
Ukwenza amaqela nokwahlulelana

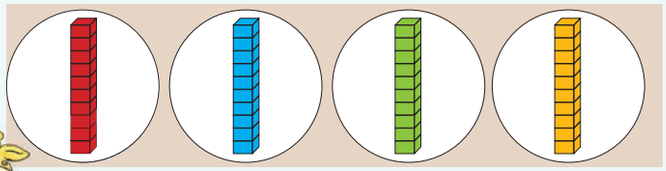
1 Zingaphi iibloko ezikwisangqa ngasinye? Zabele abantwana.



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





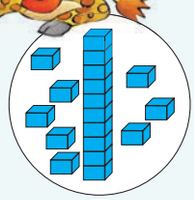


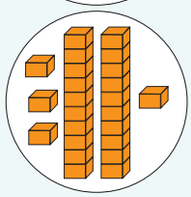
□ × □ = □

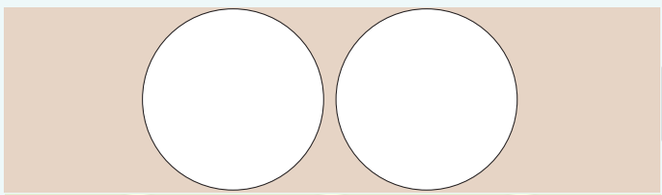
□ × □ = □

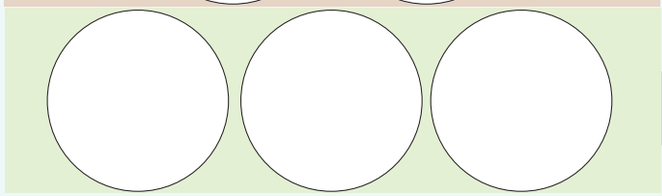
□ × □ = □

3 Yahlula iibloko ngokwezangqa. Bhala isibalo sokwahlula.









□ ÷ □ = □

□ ÷ □ = □

1 2 3 4 5 6 7 8 9 10

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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-3 ezi-8 _____

Amaqela ama-4 ezi-5 _____

Amaqela ama-2 e-15 _____

Yahlula i-18 ka-2 _____

Yahlula ama-24 ka-3 _____

Yahlula ama-35 ka-5 _____

Yahlula ama-50 nge-10 _____

ukuphinda-phinda kabini

Teacher:
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Date:

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Umhla:

Okunye ngomthamo

Jonga emifanekisweni. Benza ntoni abantwana?





2 Ingaba ezi komityi ziza kuyizalisa kangakanani ijagi? Fakela umbala.







Kuza kwenzeka ntoni ukuba ugalela iikomityi ezi-6 ejagini?

_____

_____

_____

3 Zingaphi iikomityi zamanzi ezifunekayo ukuze uzalise ezi jagi zilandelayo?

Ijagi ezi-2 _____ Ijagi ezi-3 _____

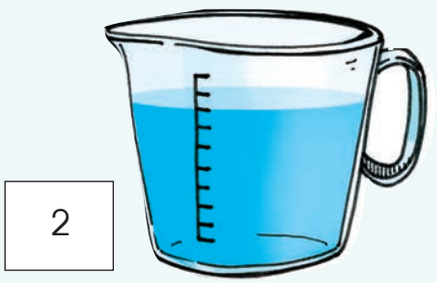
Ijagi ezi-4 _____ Ijagi ezi-5 _____

1 2 3 4 5 6 7 8 9 10

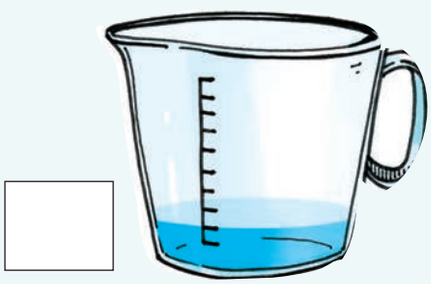
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Zingaphi iikomityi ezingaphezulu ozifunayo ukuzalisa ijagi okanye iijagi?



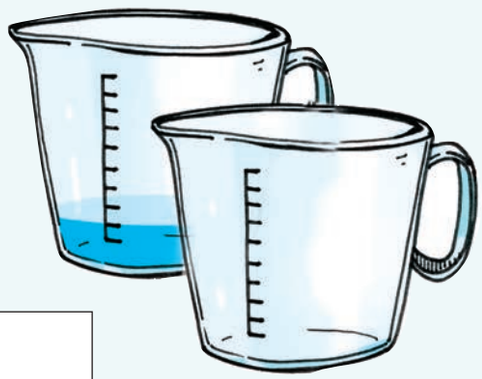
2











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

Teacher:
Sign:
Date:

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Umhla:

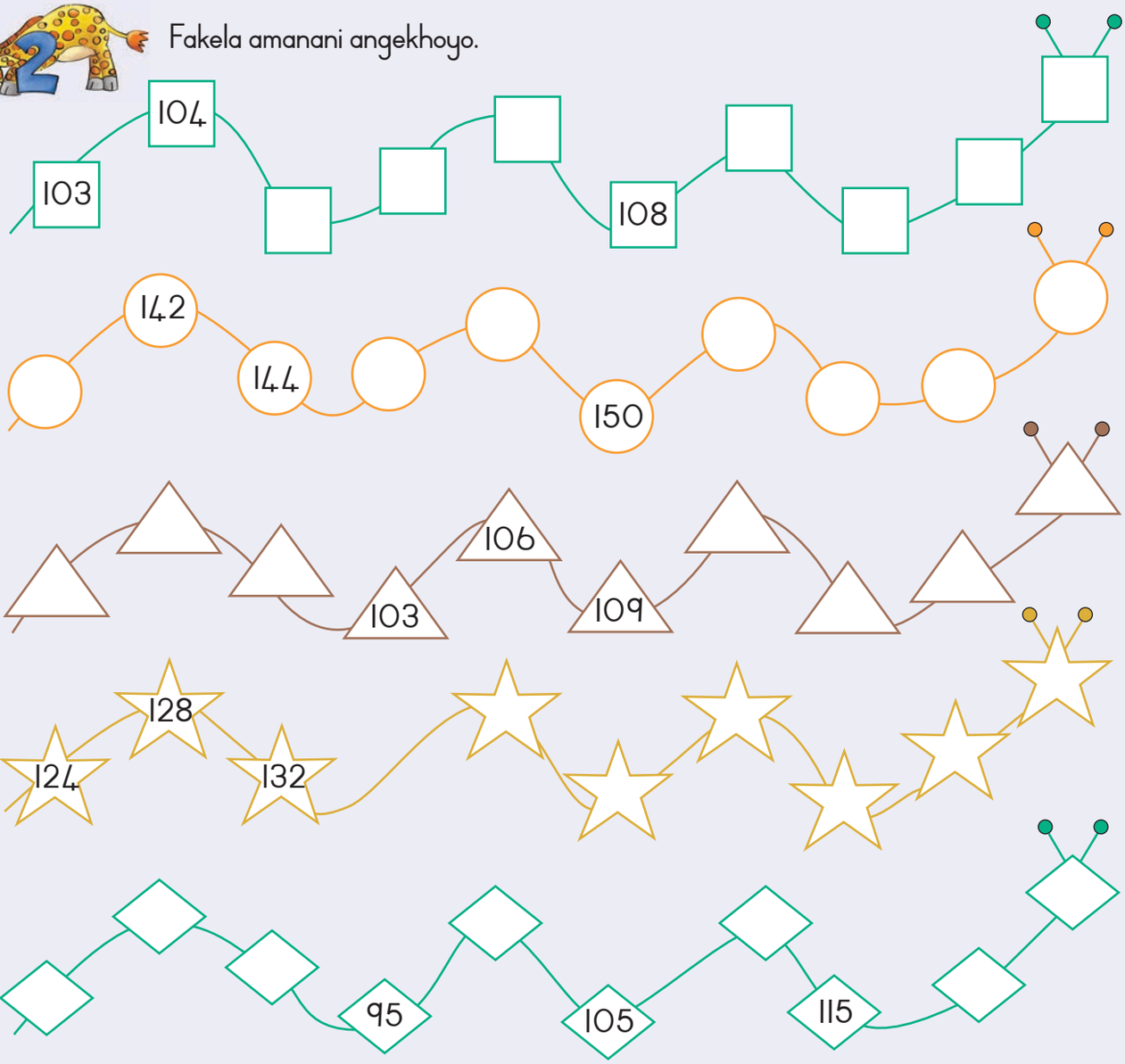
Iipatheni zamanani

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

5	3	8	1	9	7	6	2	4
61	66	64	69	62	68	67	63	65
136	132	140	138	131	135	133	137	134	139



Fakela amanani angekhoyo.



1 2 3 4 5 6 7 8 9 10

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Gqibezela ngokubala ubuya umva.

128	126	124			118				
160	157	154							
200	195	190							

Gqibezela ngokwandisa le patheni:

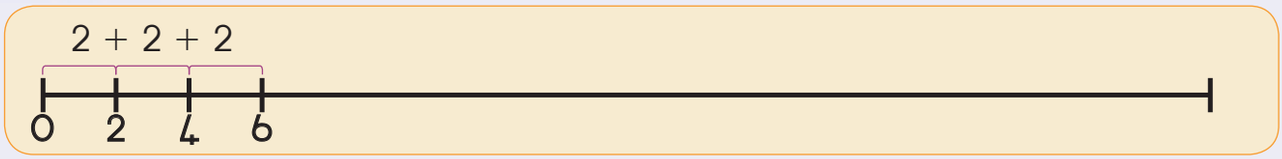
100, 102, 104, ___, ___, ___, ___, ___

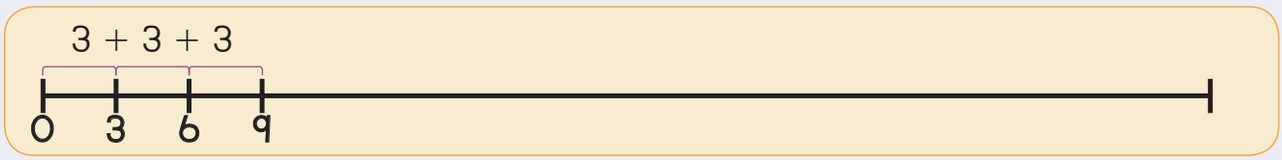
160, 155, 150, ___, ___, ___, ___, ___

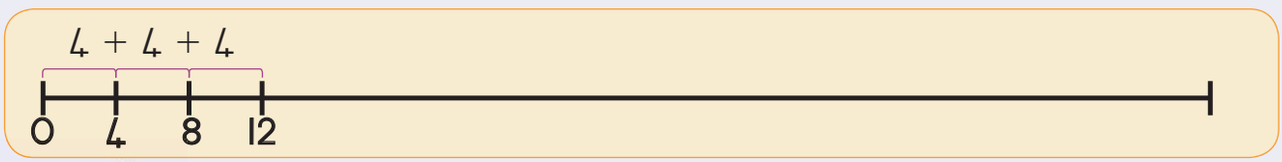
115, 118, 121, ___, ___, ___, ___, ___

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

Gqibezela umgca-manani.







Sibala njani?

4 20 8 16 12	2 14 8 12 10 4 6	5 15 25 30 20 10	3 21 15 6 18 9 12

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Date:

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Phinda-phinda ka-3

Umhla:

Zonke izilwanyana zinamanqina ama-4. Zonke izilwanyana zineendlebe ezi-2.



Mangaphi amanqina akulo mfanekiso ewonke? ☐

Zingaphi iindlebe ezikulo mfanekiso zizonke? ☐



Jonga emfanekisweni uze ugqibezele oku kulandelayo:



☐	×	☐	=	☐	
Inani leempuku		Amanqina esilwanyana ngasinye			

☐	×	☐	=	☐	
Inani leempuku		Amanqina esilwanyana ngasinye			



Gqibezela:

3	6	9							
30	27	24							

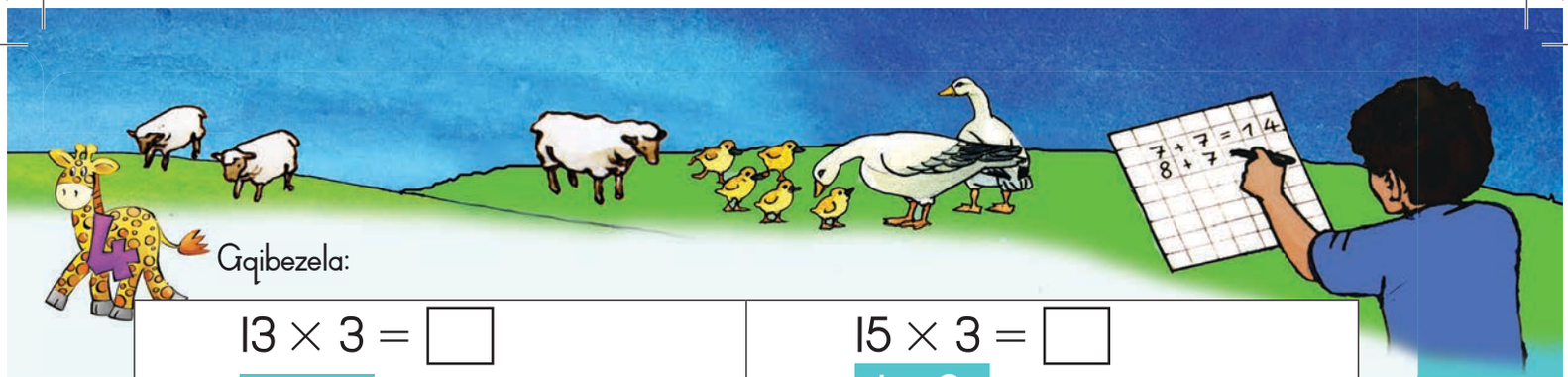


Gqibezela:

5 ×  = ☐ ama-apile	4 ×  = ☐ iibhanana
6 ×  = ☐ iibhanana	7 ×  = ☐ ama-apile

1 2 3 4 5 6 7 8 9 10

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Gqibezela:

$13 \times 3 = \square$

$10 + 3 \times 3$

$= (10 + 3) \times 3$

$= 10 \times 3 + 3 \times 3$

$= 30 + 9$

$= 39$

$15 \times 3 = \square$

$10 + 5 \times 3$

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

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

$= \square + \square$

$= \square$

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

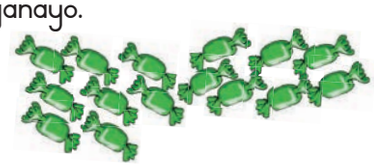


Gqibezela:

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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Umhla:

Uphinda-phindo oluxutyiweyo

Jonga oku kulandelayo, uqaphela ntoni?

$5 + 5 + 5 = 15$



Amaqela ama-3 ezi-5 = 15



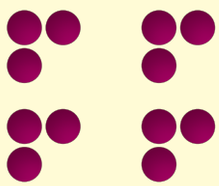
Amaqela ama-3 ezi-5 enza i-15

Isi-3 esiphindwe ka-5 = 15

$3 \times 5 = 15$
$5 \times 3 = 15$



Gqibezela le theyibhile ingezantsi. Lo mzekelo uza kunikhokela.

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindiweyo	Izintlu	Iinyani
3, 6, 9, 12		$3 + 3 + 3 + 3$	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				

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Ungakhawuleza kangakanani ukuze ugqibe oku?

1 × 2 =	
2 × 2 =	
3 × 2 =	
4 × 2 =	
5 × 2 =	
6 × 2 =	
7 × 2 =	
8 × 2 =	
9 × 2 =	
10 × 2 =	

1 × 5 =	
2 × 5 =	
3 × 5 =	
4 × 5 =	
5 × 5 =	
6 × 5 =	
7 × 5 =	
8 × 5 =	
9 × 5 =	
10 × 5 =	



Phendula le mibuzo ilandelayo. Nika impendulo:

izihlanu ezine	
phinda kabini isi-6	
phinda ka-5 isi-6	
isi-2 esiphindwe ka-4	
isi-8 esiphindwe ka-2	



Nika inani endaweni yebhokisi.

Amaqela ama-3 ezi-2 alingana nesi-6 okanye isi-3 esiphindwe ka-2 senza ezi-6 okanye 3 × 2 = ☐	
Amaqela ama-4 ezi-3 enza i-12 okanye isi-4 esiphindwe ka-3 senza i-12 okanye 4 × 3 = ☐	
Amaqela ama-6 ezi-3 enza i-18 okanye isi-6 esiphindwe ka-3 senza i-18 okanye 6 × ☐ = 18	

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

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Umhla:

Okunye ukuphinda-phinda

Jonga imizekelo.



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.

$1 \times 5 = 5$
$2 \times 5 = 10$
$3 \times 5 = 15$
$4 \times 5 = 20$
$5 \times 5 = 25$
$6 \times 5 = 30$
$7 \times 5 = 35$
$8 \times 5 = 40$
$9 \times 5 = 45$
$10 \times 5 = 50$

Gqibezela:

	1	2	3	4	5	6	7	8	9	10
× 2	2	4	6							

Sebenzisa eyakho indlela yokubala ukuze ufumane impendulo.

12 × 2	16 × 2

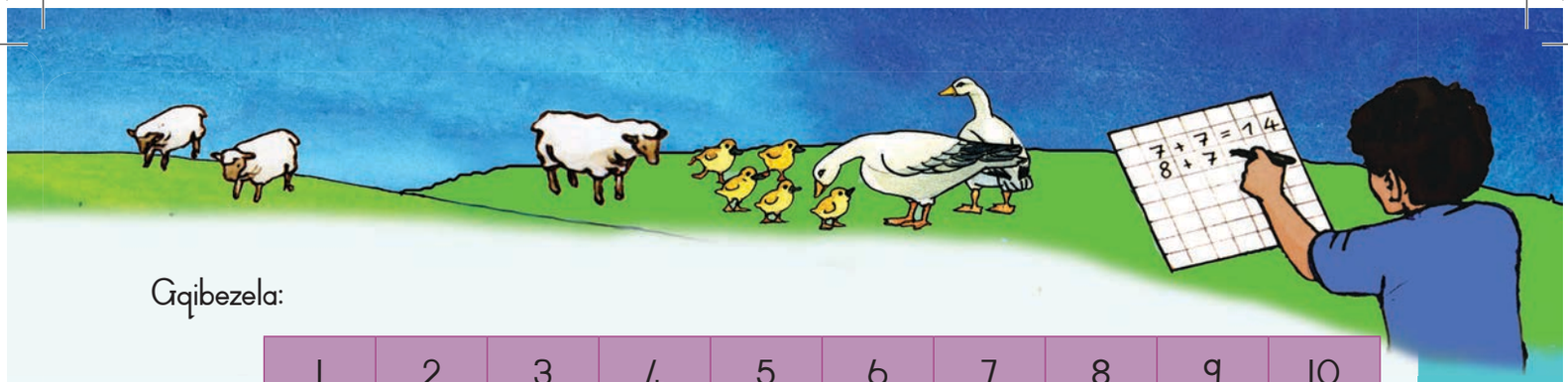
Gqibezela:

	1	2	3	4	5	6	7	8	9	10
× 3	3	6	9							

Sebenzisa eyakho indlela yokubala ufumane impendulo.

13 × 3	15 × 3

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Gqibezela:

	1	2	3	4	5	6	7	8	9	10
× 4	4	8	12							

Sebenzisa eyakho indlela yokubala ufumane impendulo.

11 × 4	14 × 4

Gqibezela:

	1	2	3	4	5	6	7	8	9	10
× 5	5	10	15							

Sebenzisa eyakho indlela yokubala ufumane impendulo.

12 × 5	16 × 5



Kukho iiorenji ezili-12 engxoweni. Zingaphi iiorenji:

Kwiingxowa ezi-4?	Kwiingxowa ezi-5?	Kwiingxowa ezi-3?	Kwiingxowa ezi-2?

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116a

Iintsuku zeveki

Umhla:

1 Lungisa oonobumba beentsuku zeveki.

LWINISBE

BELIMGOQ

LOMVU

LWATHUESTHA

SEELWIN

NULWEHLASI

ACWE

2 Fakela iintsuku ezingekhoyo.

Mvulo		Lwesithathu	
Cawe		Lwesibini	

3 Bhala iintsuku zeveki.

Cawe						

4 Zingaphi iintsuku ukusuka:

kuMvulo ukuya kuLwesine? _____

kuLwesibini ukuya kuLwesihlanu? _____

kuLwesine ukuya kuMgqibelo? _____

5 Zingaphi iintsuku eziphakathi:

koLwesibini noMgqibelo? _____

koLwesithathu noLwesihlanu? _____

koLwesine neCawe _____

1 2 3 4 5 6 7 8 9 10

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Iinyanga zonyaka

1 Lungisa oonobumba beenyanga zonyaka.

EYUMNGOQU AMBEDYUMO ELAYEKHA EDAWYEHRA

NKAEYENGA MSIEYONTSI ETHUYEPHA

ECIKABENAZI ELISIMEYELA

KWEYONIDLA EZIKATSHANZIMPU NGAMEYO

2 Zingaphi iintsuku kwinyanga nganye?

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

3 Phendula oku:



Yeyiphi inyanga ephambi kweyoKwindla? _____

Yeyiphi inyanga elandela eyeSilimela? _____

4 Ukuba kungeyeKhala, zingaphi iinyanga phambi kokuba ibe:

YeyoMsintsi? _____

Lusuku lwakho lokuzalwa? _____

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116b

Iintsuku, iiveki kunye neenyanga

Umhla:

EyoMnga 2015

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



Jonga ikhalenda uze uphendule oku:

Umhla woku-1 kweyoMnga 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? _____

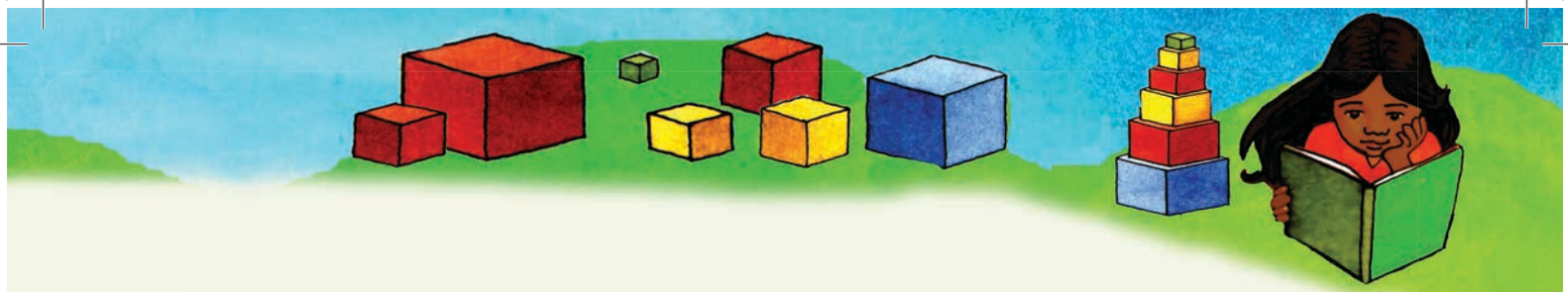
Kwenzeka ntoni ngomhla wama-25 kweyoMnga? _____

Kwenzeka ntoni ngomhla wama-31 kweyoMnga? _____

Loluphi usuku olulandela umhla wama-31 kweyoMnga? _____

1 2 3 4 5 6 7 8 9 10

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Fakela umbala omthubi kuwo onke amanani angumnqakathi kwikhalenda?

Uqaphela ntoni? _____

Fakela umbala obomvu kuwo onke amanani angoonombini kwikhalenda.

Uqaphela ntoni? _____



Gqibezela le khalenda. Fakela unyaka kunye nemihla.

EkaTshazimpuzi ____

Cawa	Mvulo	Lwesibini	Lwesithathu	Lwesine	Lwesihlanu	Mgqibelo



Uthini umhla kwaye loluphi usuku?

	Umhla	Usuku



Zingaphi iintsuku ukusuka:

	ukuya		
	ukuya		
	ukuya		
	ukuya		



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Iipatheni zamanani

Chaza ipatheni ekwibhodi nganye.

101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150

151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

Gqibezela ipatheni.

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	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

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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, 11, 78, 21, 11, 78, 21, 11



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, ☐

11, 76, 11, 76, 11, 76, 11, 76, ☐

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

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

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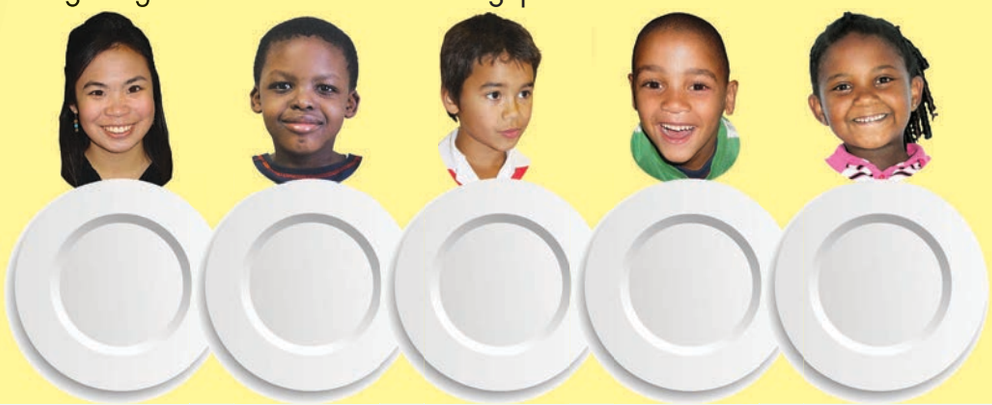
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Umhla:

Ukwabelana ngokulinganayo kukhokelela kumaqhezu



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





Yabela abantwana aba-3 iitshokolethi ezi-6.





Bonisa impendulo yakho ngokwenza umfanekiso.

Umntwana ngamnye ufumana isinye kwisithathu setshokolethi.



Uneekeyiki ezi-3. Yabela abahlobo aba-4 ngokulinganayo.



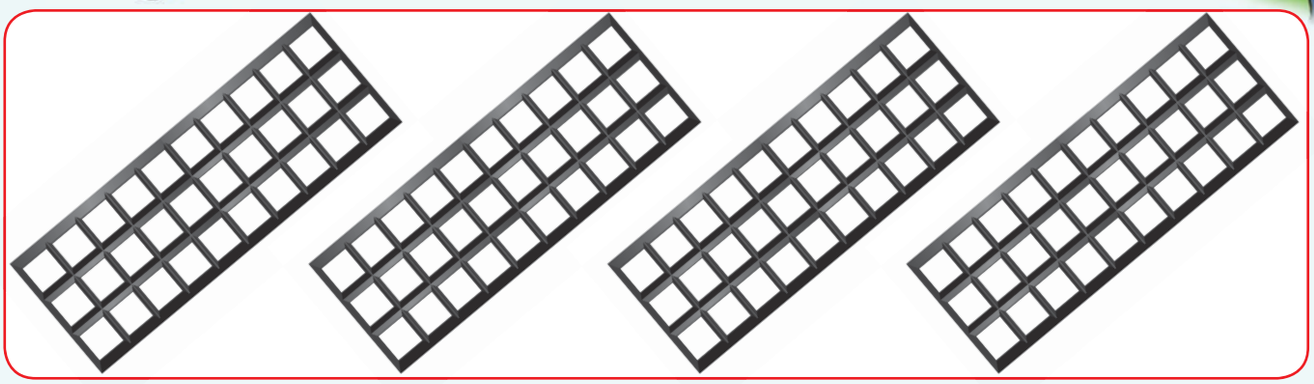
Bonisa impendulo yakho ngomfanekiso.

Umntwana ngamnye ufumana _____ zeekeyiki.

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Fakela umbala kwikota yazo zonke iitshokolethi ezikwezi zixwexwe zine.



Zingaphi iibloko zetshokolethi ezenza ikota enye? _____

Ziibloko ezingaphi zetshokolethi ezenza isinye kwisihlanu? _____

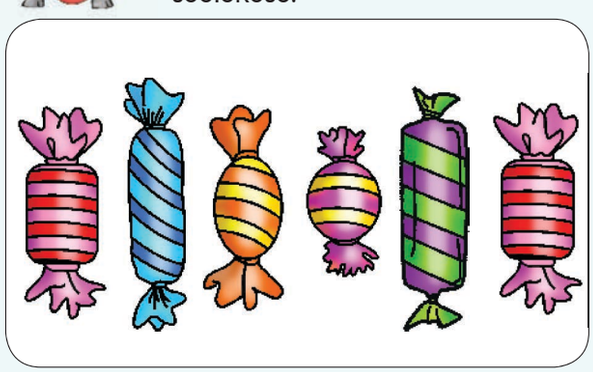
Bonisa isiqingatha soku:



Bonisa isinye esithathwini seelekese.



Bonisa isinye kwisithandathu seelekese.



Yabela abahlobo abane iitshokolethi ezili-11 ukuze bonke bafumane ngokulinganayo kungabikho nto ishiyekayo.

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Ubude

Umhla:

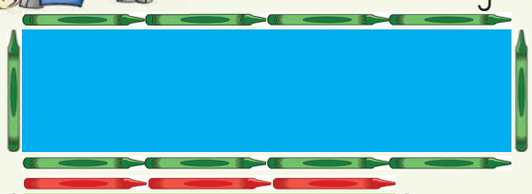
Ngawaphi amacala amafutshane ingawaphi amade?



Icala elide lineekhrayoni ezi-_____.

Icala elifutshane lineekhrayoni ezi-_____.

2 Phendula oku kulandelayo.



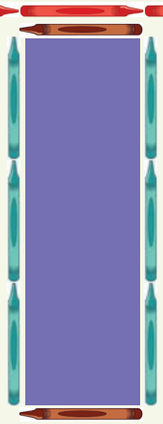
Icala elide lineekhrayoni ezi-_____.

Icala elifutshane lineekhrayoni ezi-_____.



Icala elide lineekhrayoni ezi-_____.

Icala elifutshane lineekhrayoni ezi-_____.



Icala elide lineekhrayoni ezi-_____.

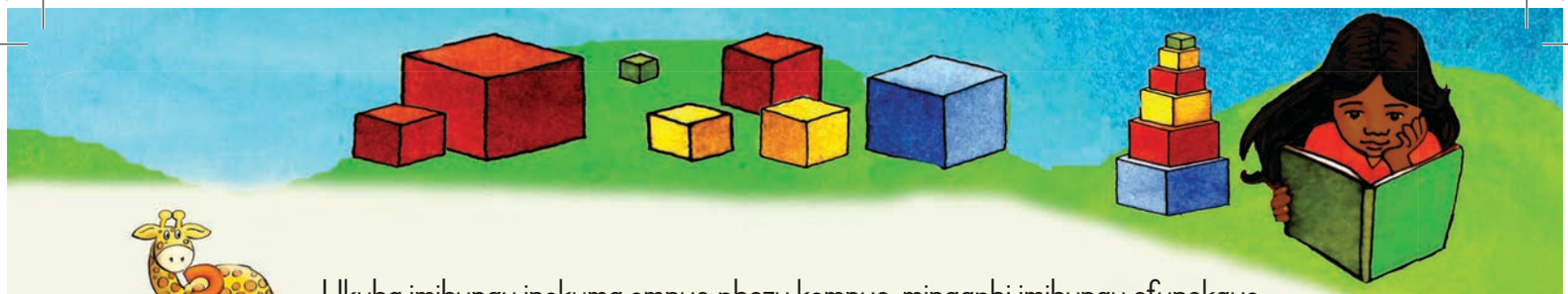
Icala elifutshane lineekhrayoni ezi-_____.



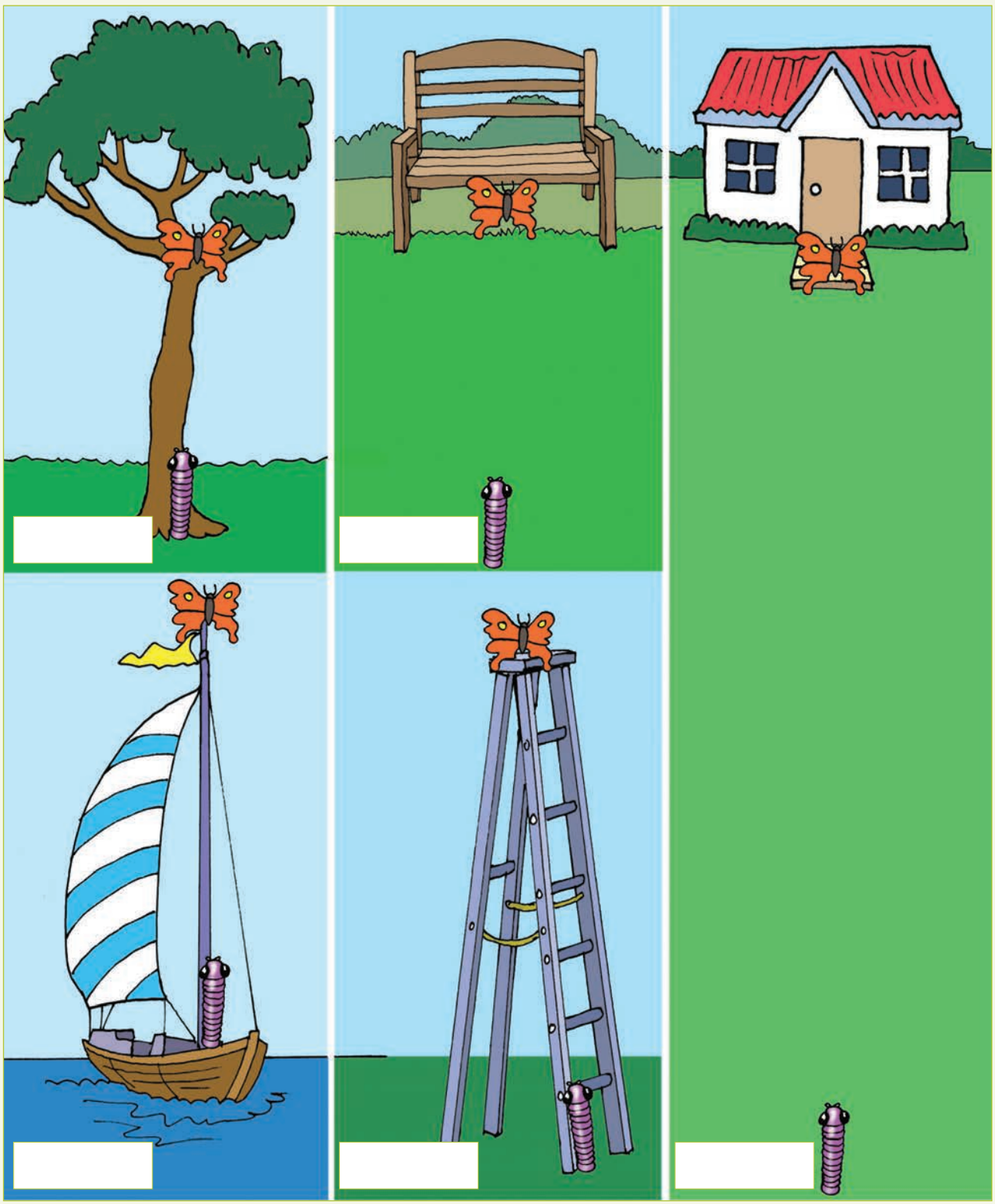
Icala elide lineekhrayoni ezi-_____.

Icala elifutshane lineekhrayoni ezi-_____.

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



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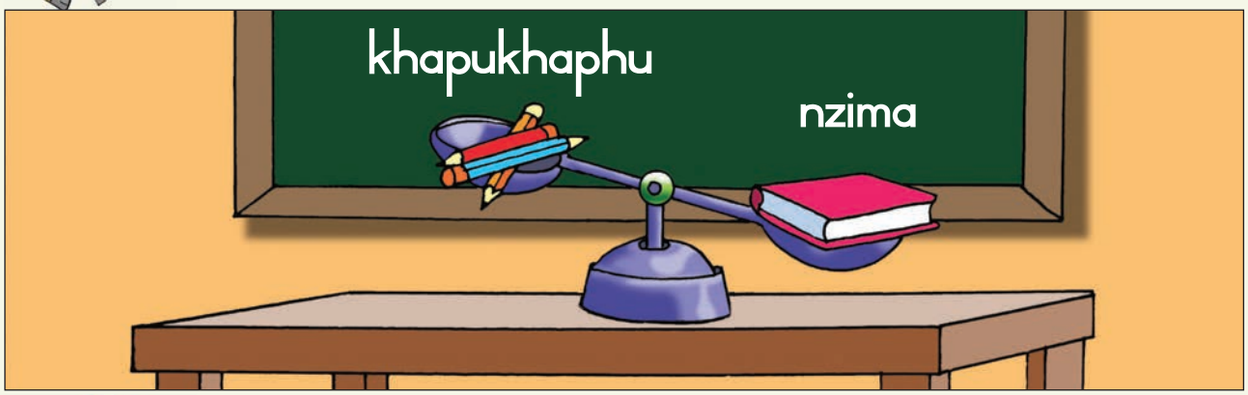
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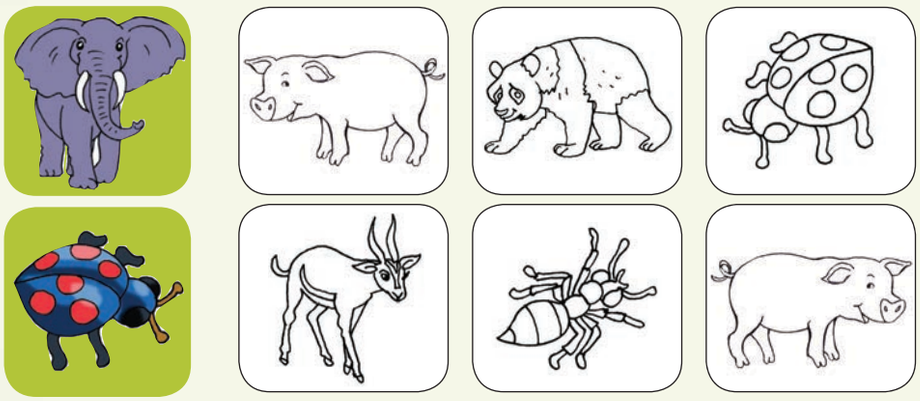
Umhla:

Enzima kunye nekhaphu-khaphu

Kuthetha ntoni ukuba nzima nokuba khaphu-khaphu?



2 Fakela umbala kumfanekiso okanye kwimifanekiso ebonisa izinto ezinzima kunale ikwibloko eluhlaza.



3 Jonga emfanekisweni. Khangela imifanekiso emi-2 yezinto ezinzima. Yincamathelise apha.



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



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Xela ukuba izikali ziyalingana na okanye azilingani.



Yenza izikali zilingane. Zoba umfanekiso.

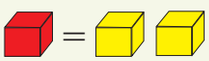


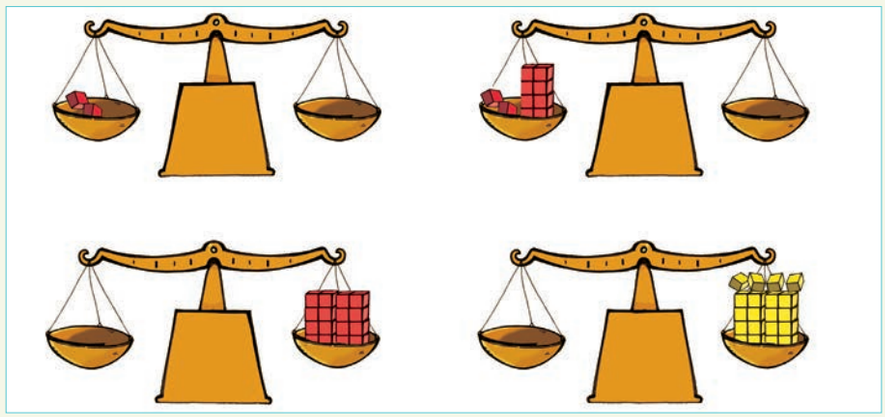
5 = ☐ ☐ = ☐

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



☐ = ☐ ☐ = ☐

Yongeza iibloko ukuze izikali zilingane. 



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Date:

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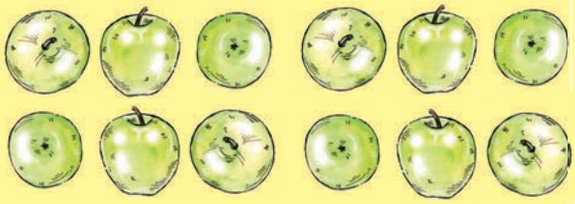
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Umhla:

Okunye ukwabelana okukhokelela kumaqhezu

Yabela abahlobo abathathu la ma-apile.





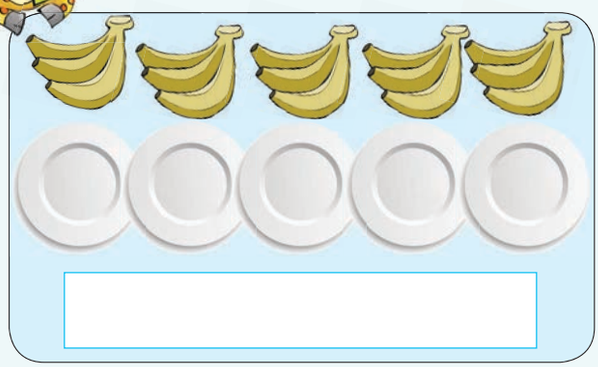
Ufumene ama-apile amangaphi emnye? Amane.

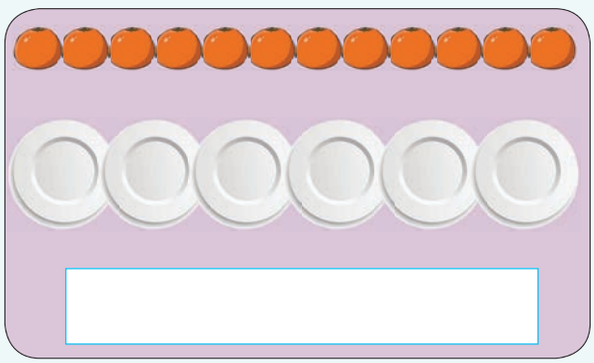
Qhezu lini lama-apile elifunyenwe ngumntu ngamnye? Isinye esithathwini.

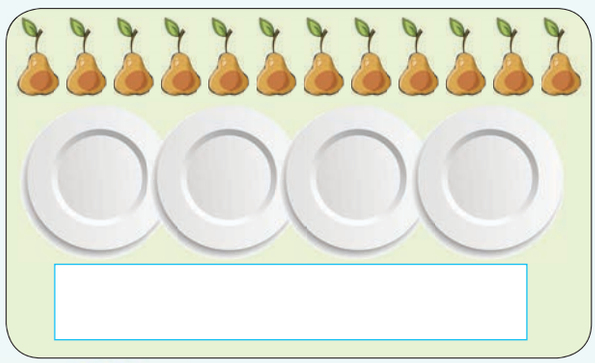


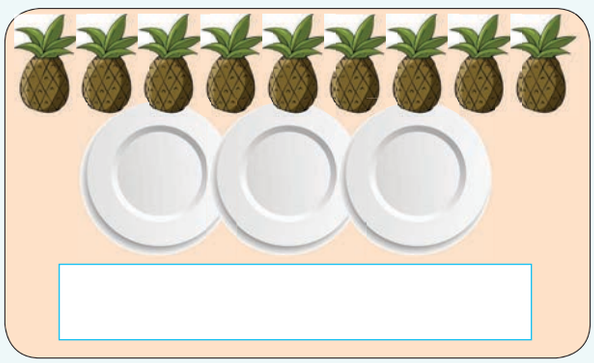
Jonga umzekelo ongentla uze ugqibezele.

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







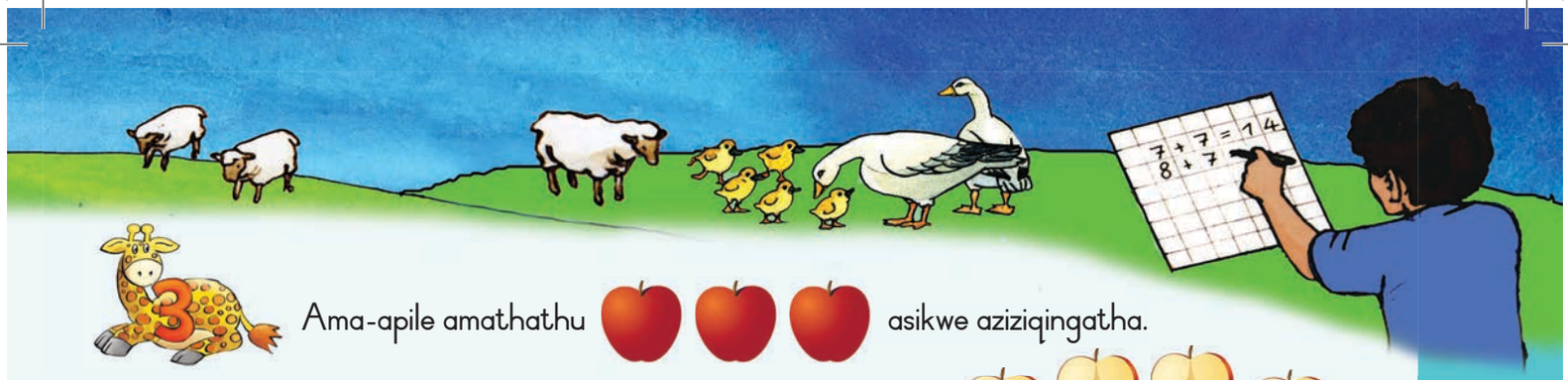




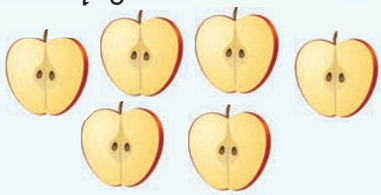
Umakhulu unika uKiki iiorenji ezili-12. UKiki wenza ijusi ngesinya kwisithathu seeorenji. Usebenzise iiorenji ezingaphi?

1 2 3 4 5 6 7 8 9 10

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Ama-apile amathathu asikwe aziziqingatha.



Bangaphi abantwana abanokufumana isiqingatha esinye emnye? _____



Iiorenji ezine  zisikwe zazizithathu.



Bangaphi abantwana abanokufumana isithathu esinye emnye? _____



Iivatala ezimbini  zisikwe zazizithandathu.





Bangaphi abantwana abanokufumana isithandathu esinye emnye? _____



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





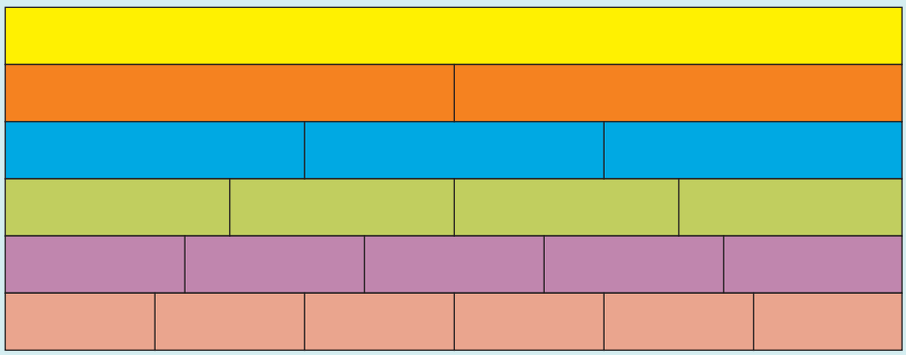
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Amaqhezu

Umhla:

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



isinye esithathwini

isinye kwisihlanu

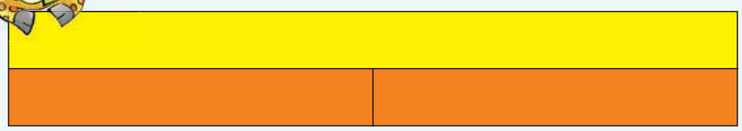
isiqingatha

isinye kwisithandathu

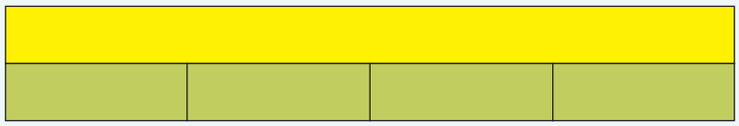
ikota



Gqibezela.



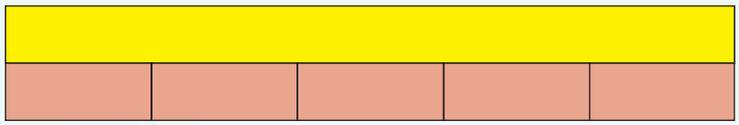
Iziqingatha ezi-2 ziyafana nento e_____ epheleleyo.



Iikota ezi-4 ziyafana nento e_____ epheleleyo.



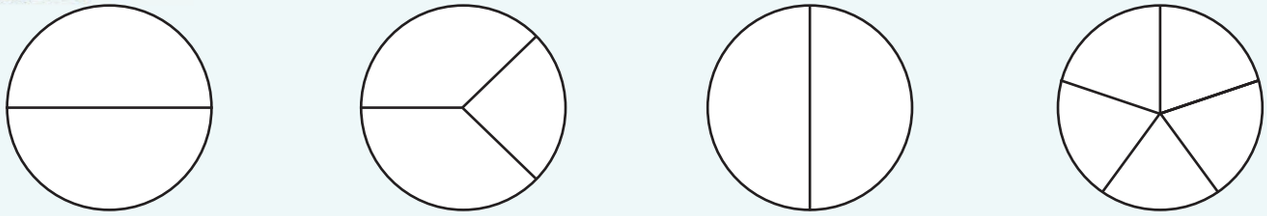
Izithathu ezi-3 ziyafana nento e_____ epheleleyo.



Izihlanu ezi-5 ziyafana nento e_____ epheleleyo.



Fakela umbala kwezi zinto zilandelayo. Uqaphela ntoni?



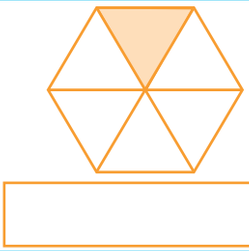
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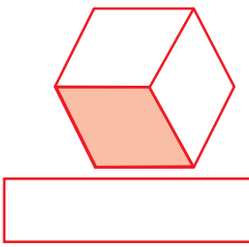
Xela ukuba leliphi iqhezu lemilo nganye elinombala.
Libhale ngamagama.



isiqingatha









Zoba iimilo ubonise oku kulandelayo. Sebenzisa izikwere, iingxande nezangqa.

isinye kwisihlanu

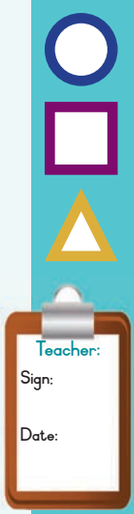
isiqingatha

ikota

isinye kwisihlanu

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

Umhla:

Ungathanda ukufumana iqhekeza leyiphi ikeyiki? Ngoba kutheni?





Umhlobo wakho ukucele ukuba wahlule iipitsa zibe ngamaqhekeza alinganayo. Yenza umfanekiso obonisa oku:

Iziqingatha

Izithathu

Iikota



Phawula impendulo echanekileyo.

Wena nomhlobo wakho nitye iziqingatha ezibini zepitsa. Nitye kangakanani?

- Isiqingatha esinye sepitsa okanye
- Ipitsa epheleleyo?

UThabo noSipho noJohn batye izithathu ezithathu zepitsa. Batye kangakanani?

- Isithathu sepitsa okanye
- Ipitsa epheleleyo?

ULindy noSusan noLerato noPalesa batye ipitsa epheleleyo. Batye kangakanani?

- Ikota okanye
- Iikota 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? _____

1 2 3 4 5 6 7 8 9 10

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Iqela ngalinye labahlobo lifumana ipakethe encinci yoojuphujuphu.



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



Fakela umbala kwiqhezu elilingana nento epheleleyo.

Iikota ezintathu

Iikota ezimbini

Isine esinye

Isiqingatha

Izithathu ezibini

Izihlanu ezine

Izihlanu ezithathu

Izihlanu ezibini

Izithathu ezithathu

Izihlanu ezihlanu

Izihlanu ezibini

Iikota ezine

Ikota enye

Iziqingatha ezibini

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

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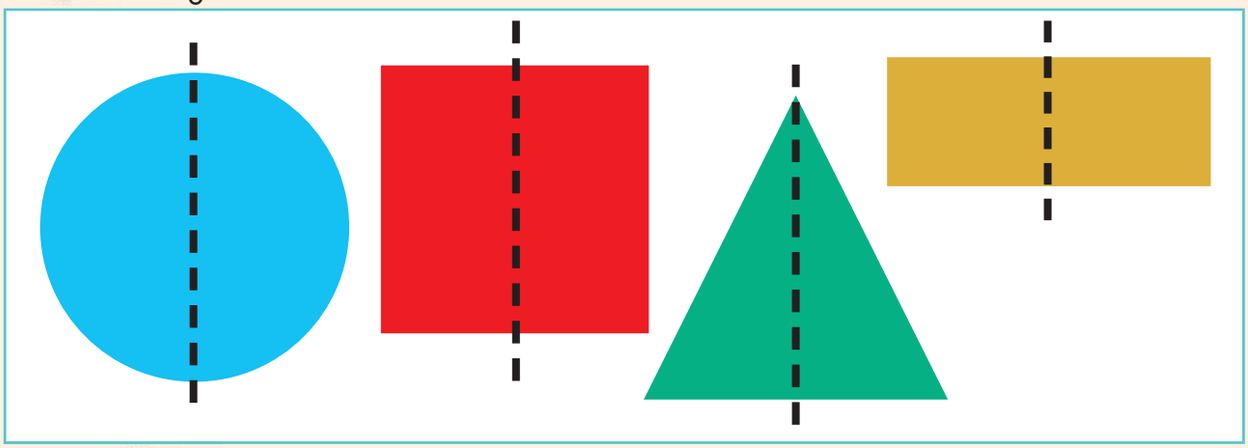
124

Umatwa-totse neemilo

Umhla:

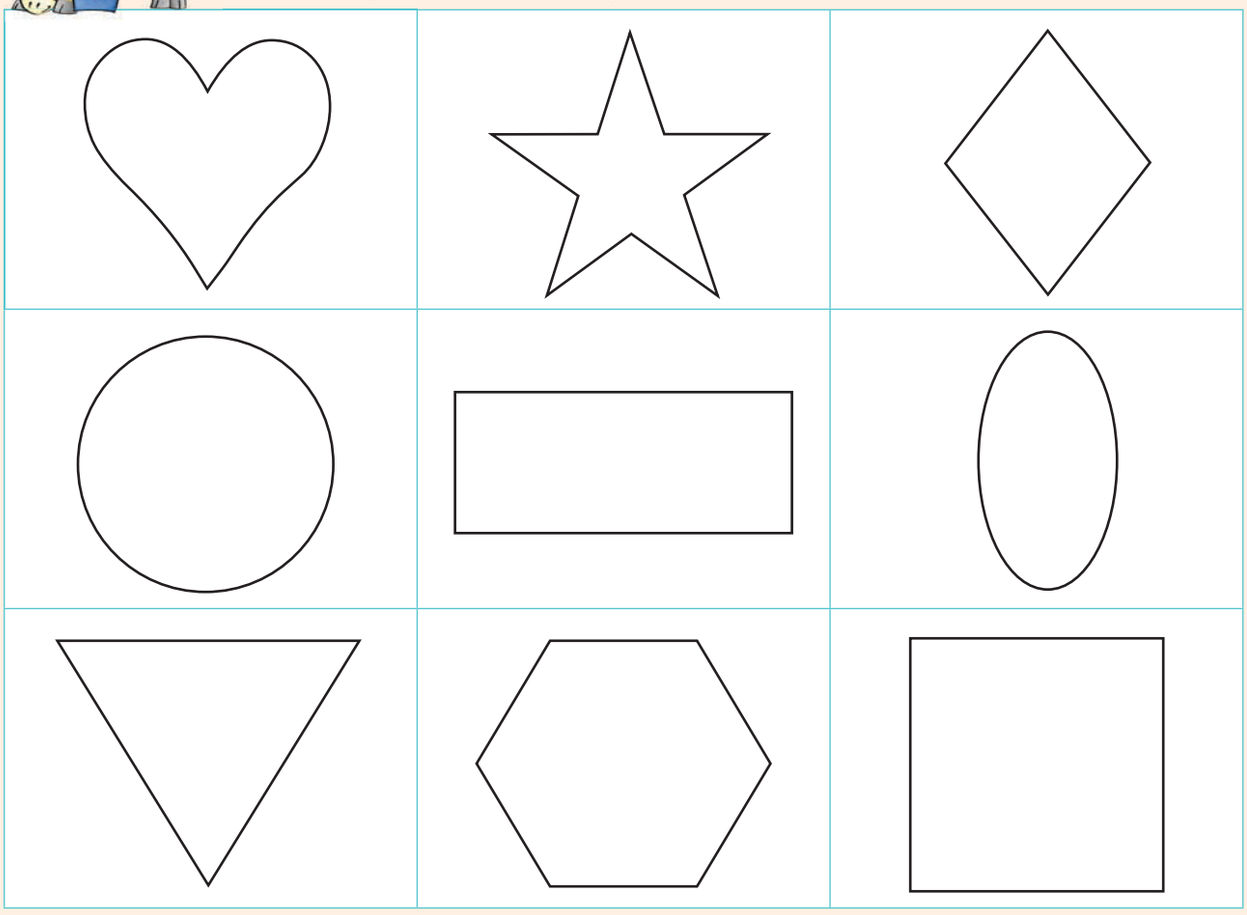


Jonga imifanekiso yeemilo. Ingaba icala elinye lemilo likhangeleka njengelinye icala? Ingaba afana twatse?

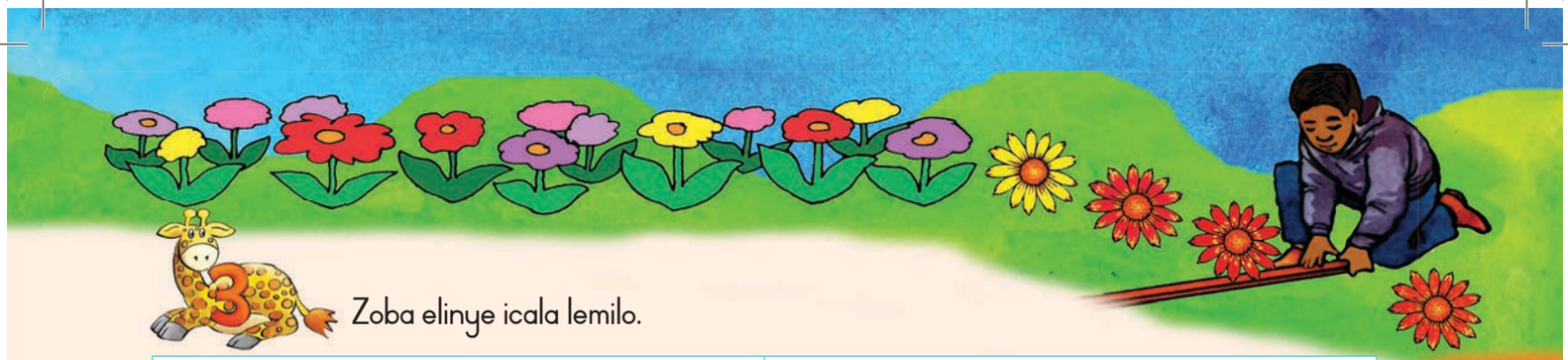




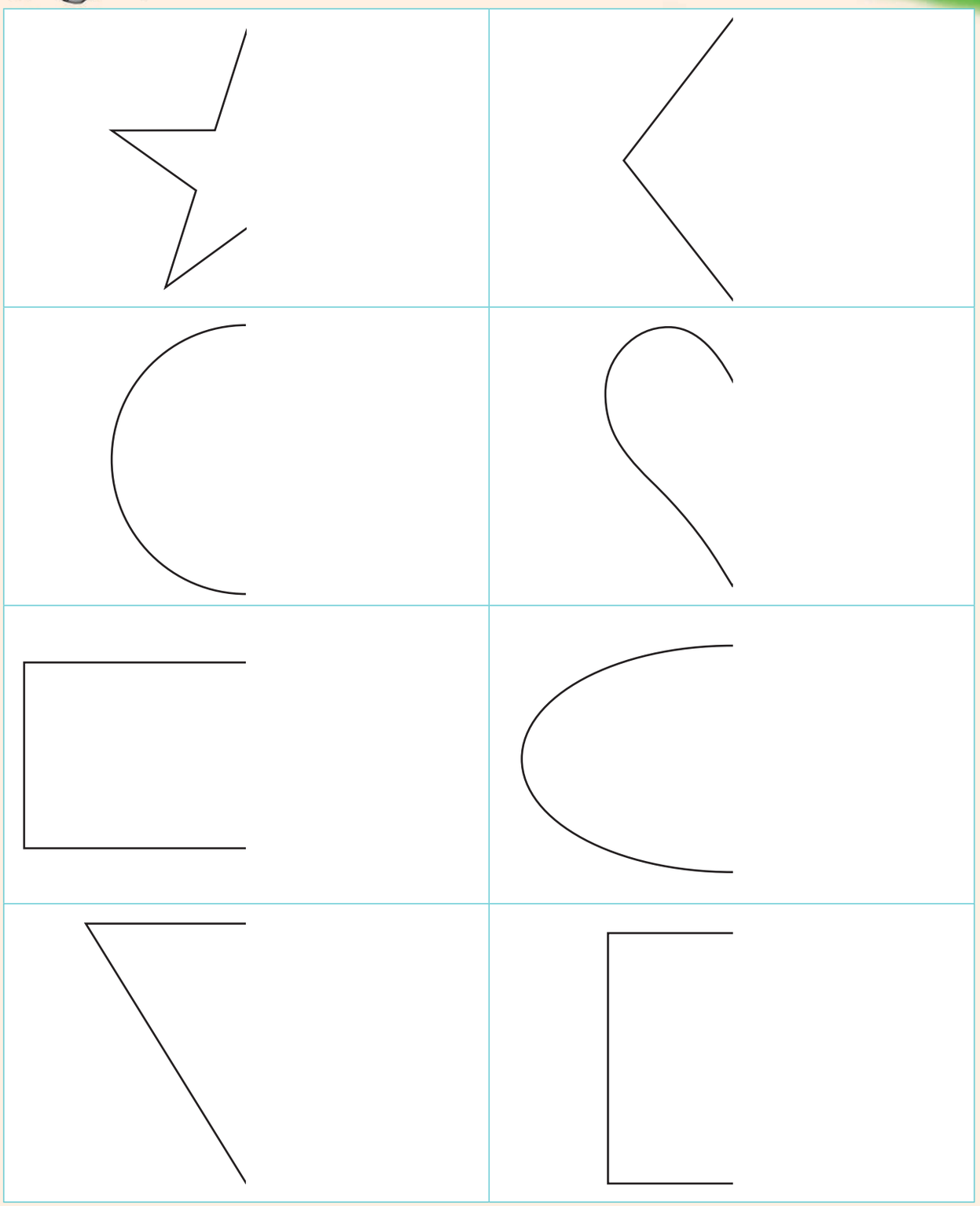
Krwela umgca ukuze icala elinye lemilo lifane nelinye icala.



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Zoba elinye icala lemilo.



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Umhla:

Izintlu namaqhezu

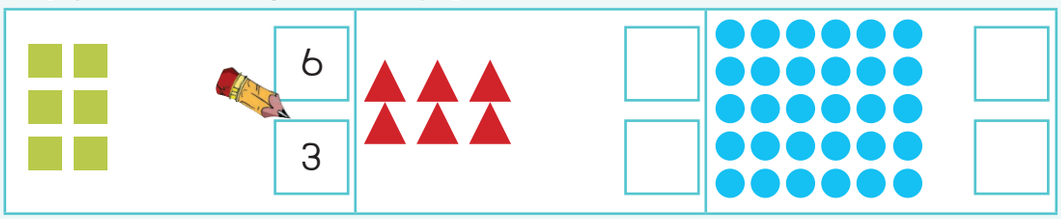
Jonga le mifanekiso. Ungakhawuleza kangakanani ukubala ezi zinto.



Uzisebenzise njani iikholamu nemiqolo ukuze zikuncede?

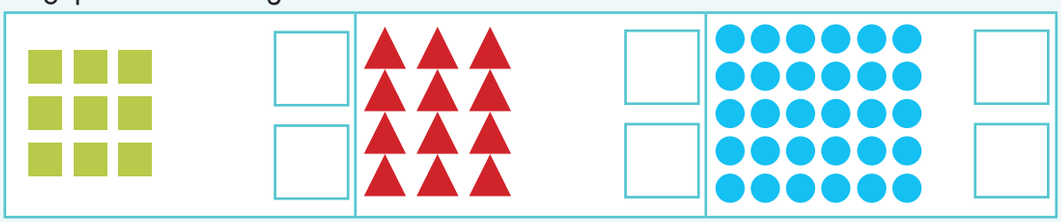


Zingaphi iimilo ezikhoyo? Nika **isiqingatha** seemilo.



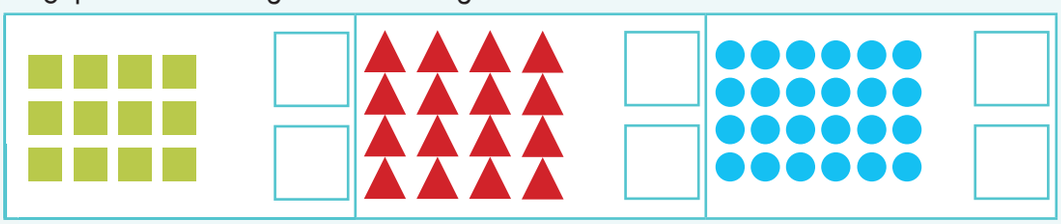


Zingaphi iimilo ezikhoyo. Nika **isithathu** seemilo.



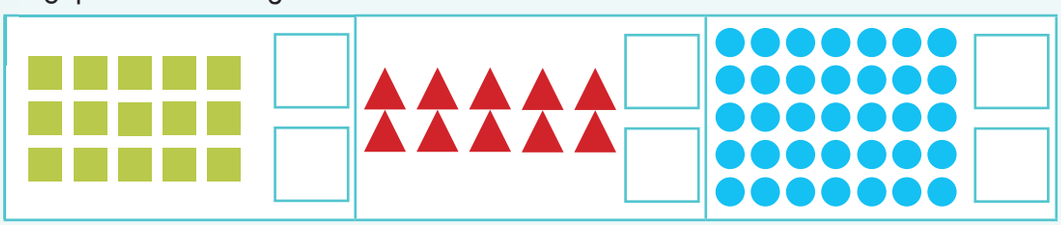


Zingaphi iimilo ezikhoyo? Nika **ikota** yeemilo.





Zingaphi iimilo ezikhoyo? Nika **isihlanu** seemilo.

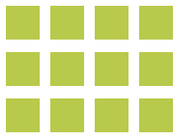
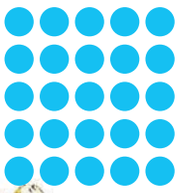


1 2 3 4 5 6 7 8 9 10

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Gqibezela itheyibhile engezantsi.

	Isivakalisi samanani sophinda-phindo	Isivakalisi samanani sokwahlula	Yintoni	Yintoni
	$2 \times 3 = 6$ 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?	Isihlanu sezi zinto?

Sebenzisa izintlu ubonise:

Ikota yeelekese ezili-12.	Isithathu seelekese ezili-12	Isiqingatha seelekese ezili-12.

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

Isiqingatha mayibe ngamaqebengwana amaqunube ukuze amanye abe ngawevanila.



Ikota mayibe ngamaqebengwana etshokolethi ukuze amanye abe ngawevanila.



Isithathu mayibe ngamaqebengwana ekharameli ukuze amanye abe ngawevanila.



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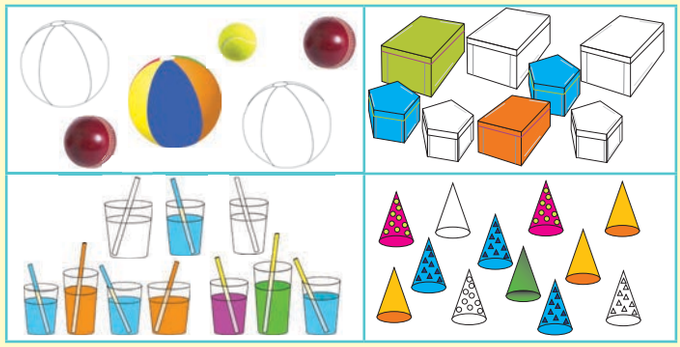


Umhla:

Iqhezu lengqokelela yezinto

Jonga ezi nkcazelo uze uzitshatise nemifanekiso ubonise ukuba leliphi iqhezu elifakelwe umbala. Thetha ngoku.

- Isiqingatha esi-1 sengqokelela yezinto
- Isithathu esi-1 sengqokelela yezinto
- Ikota e-1 yengqokelela yezinto
- Isihlanu esi-1 sengqokelela yezinto

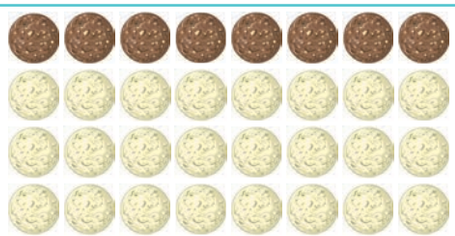




Zakhele esakho isivakalisi ngemifanekiso engezantsi. Kufuneka usebenzise amagama amaqhezu kwizivakalisi zakho.









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

Ebenezikipa ezili-15. Uthengise za-5. Uthengise eliphi iqhezu?

Krwela umgca ngaphantsi kombuzo.

Ngawaphi amanani abalulekileyo? _____

Zoba umfanekiso ubonise impendulo yakho.

Ebeneejezi ezili-18. Uthengise zali-9. Leliphi iqhezu alithengisileyo?

Krwela umgca ngaphantsi kombuzo.

Ngawaphi amanani abalulekileyo? _____

Zoba umfanekiso ubonise impendulo yakho.

Ebeneziketi ezili-12. Uthengise ezi-3. Leliphi iqhezu alithengisileyo?

Krwela umgca ngaphantsi kombuzo.

Ngawaphi amanani abalulekileyo? _____

Zoba umfanekiso ubonise impendulo yakho.

Ebeneebhatyi ezingama-20. Uthengise za-4. Leliphi iqhezu alithengisileyo?

Krwela umgca ngaphantsi kombuzo.

Ngawaphi amanani abalulekileyo? _____

Zoba umfanekiso ubonise impendulo yakho.



Qhezu lini lamaqebengwana elihonjiswe ngombala omthubi? ☐

Ngombala opinki? ☐ Ngombala ozuba? ☐



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Date:





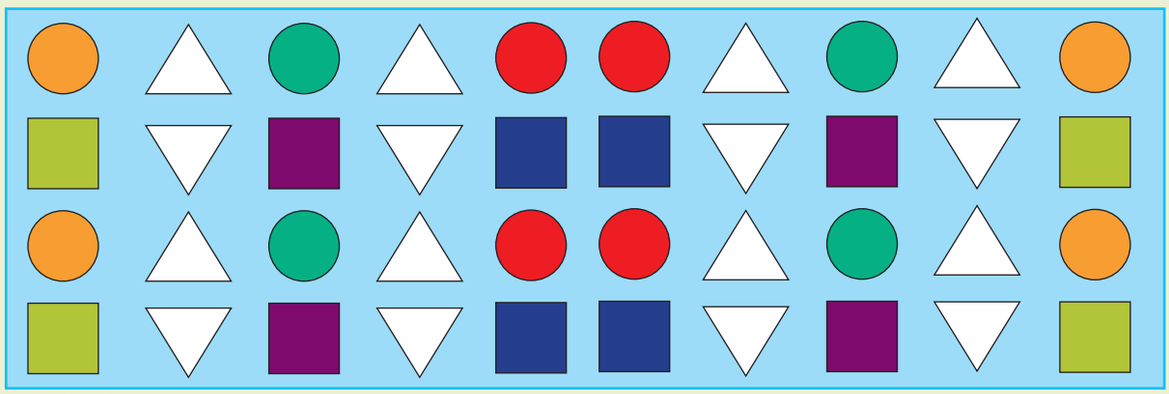
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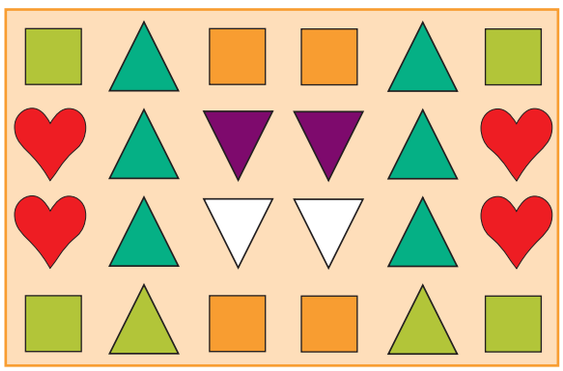
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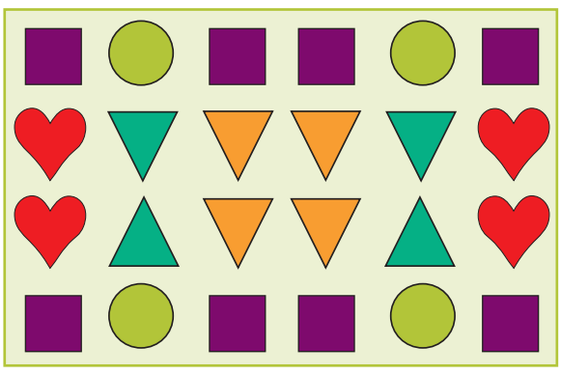
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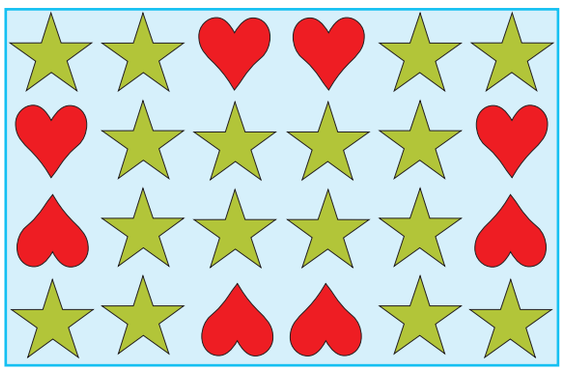
1 Jonga imifanekiso yengubo. Uqaphela ntoni?

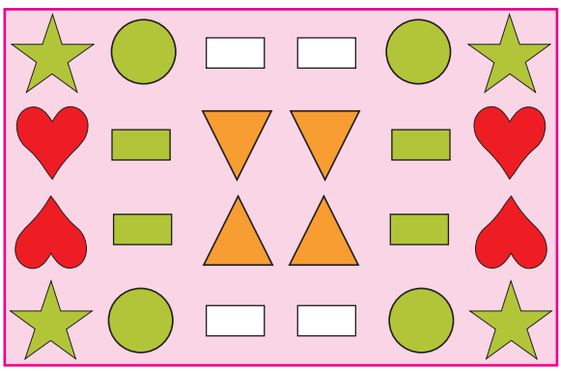


2 Krwela imigca ukuze icala ngalinye lezi ngubo lifane twatse nelinye icala.







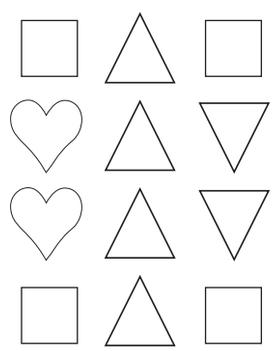


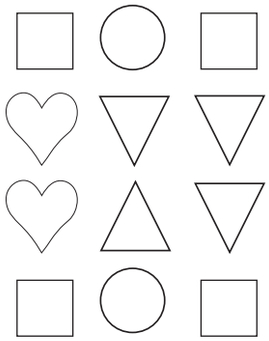
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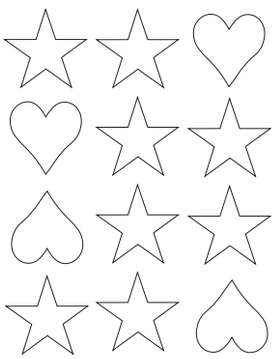
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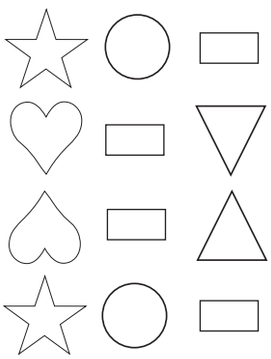


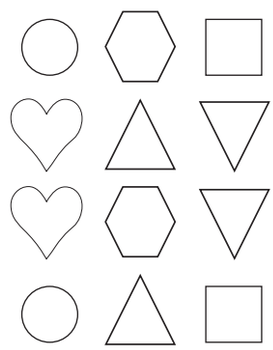
Zoba elinye icala lengubo nganye. Zifakele umbala.

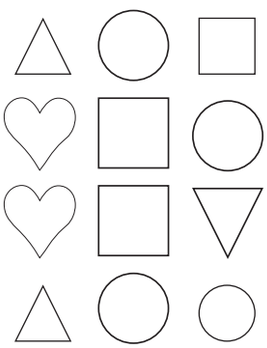












Teacher:
Sign:
Date:

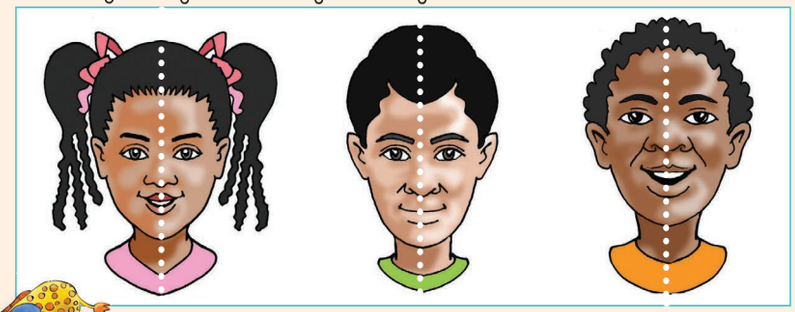
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Umhla:

Okunye ngoomatwa-totse

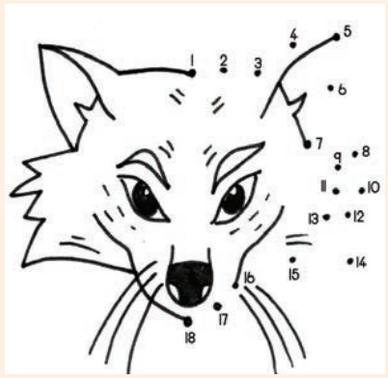
1 Jonga imfanekiso yeembuso.
Ingaba elinye icala lobuso liyafana nelinye icala?

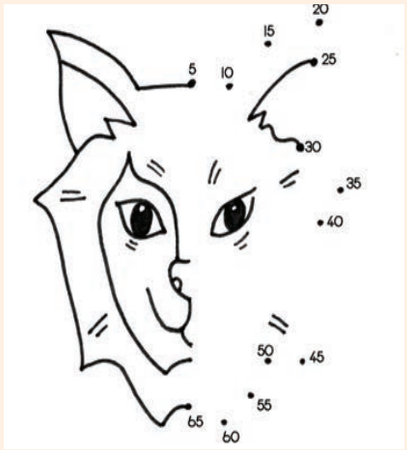


2 Krwela umgca ukuze icala elinye lobuso llifane twatse nelinye icala.

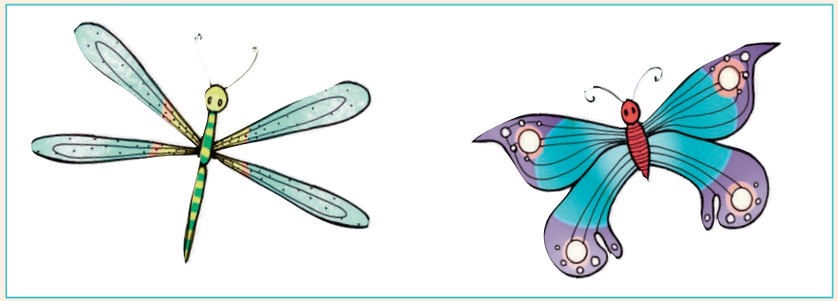


3 Zoba elinye icala lobuso.
Iipatheni zamanani ziza kukunceda.

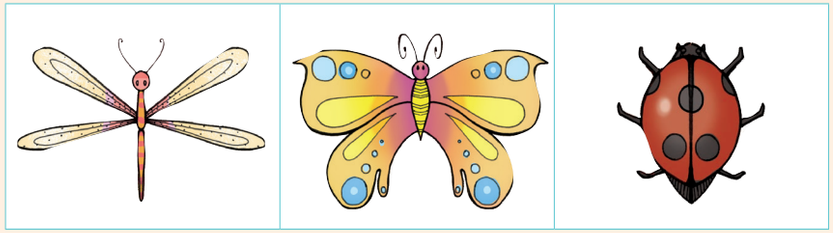




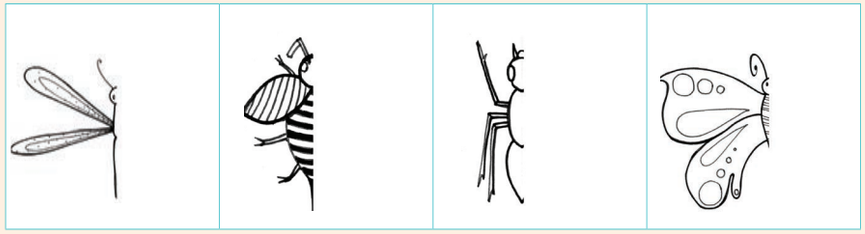
4 Jonga imifanekiso yeemilo. Ingaba icala elinye lesinambuzane liyafana nelinye?



5 Krwela umgca ukuze icala elinye lesinambuzane lifane nelinye icala.



6 Zoba elinye icala lesinambuzane.



Teacher:
Sign:
Date:

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