

2

TIBALO NGESISWATI

Incwadzi 2
Emathemu
3 & 4

Ligama:

Likilasi:



basic education

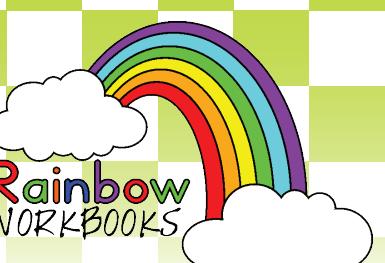
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TIBALO NGESISWATI – Libanga 2 Incwadzi 2



1 2 3 4



MATHEMATICS IN SISWATI
GRADE 2 – BOOK 2

TERMS 3 & 4

ISBN 978-1-4315-0144-1

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8th Edition

ISBN 978-1-4315-0144-1



Rainbow
WORKBOOKS



Lokučuketfwe



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Nkhskt. Angie Motshekga,
iNdvuna yeMfundvo
yeSisekelo



UMnu. Enver Surty,
liphini leNdvuna yeMfundvo
yeSisekelo

Letincwadzi tekusebentela tikhicitelwe bantfwana baseNingizimu Afrika ngekuholwa yiNdvuna yeTemfundvo yeSisekelo. Nkhskt Angie Motshekga akanye neLiphini lakhe uMnu Enver Surty.

LeTincwadzi Tekusebentela takaRainbow tiyincenyе yemitamo yaleLitiko leTemfundvo yeSisekelo yekutfutfukisa bafundzi baseNingizimu Afrika emabangeni ekucala lasitfupha ekufundza. Njengalomunye wemigomo lehamba embili eLuhlelweni lweKusebenta lwaHulumende, lomsebenti ukhokhelwe ngesihle Silulu seTimali saVelonkhe. Ngenca yalokusekelwa ngetimali, leLitiko leTemfundvo liphumelele kwakha letincwadzi ngato tonkhe letilwimi letisemtsetfweni kulelive.

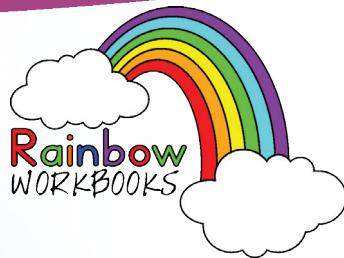
Siyetsema kutsi bothishela batatitfola tilusito kakhulu letincwadzi tekusebentela basafundzisa malanga onkhe kute bafundzi bakhone kucedza luhlelo lwabo Iwekufundza. Setame, ngekucophelela lokukhulu, kusita thishela kuleyo naleyo ncenyе yemsebenti, ngekusebentisa timphawu letitifombe kukhombisa umfundzi loko lokumele akwente.

Siyetsema bantfwana nabo batakujabulela kusebentisa letincwadzi basachubeka nekuhula nekufundza; nekutsi bothishela batawutfokota kanye nabo.

Sifisela bothishela nebafundzi imphumelelo basachubeka nekusebentisa letincwadzi tekusebentela.

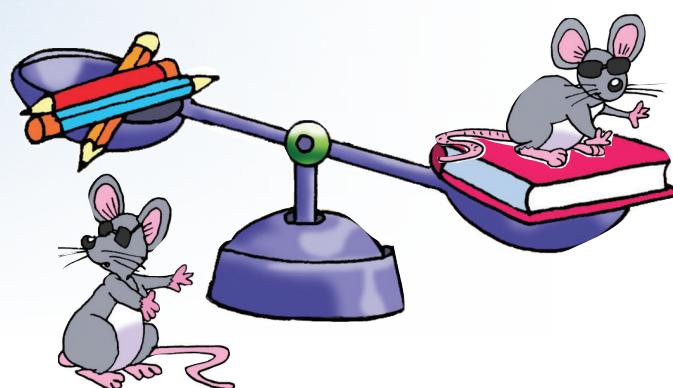


Libanga 2



T i b a l o

Lencwadzi ya:

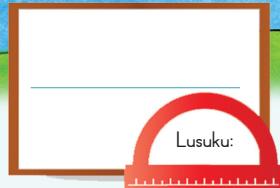
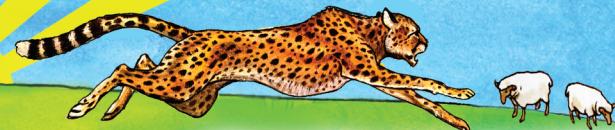


SISWATI

lncwadzi

2

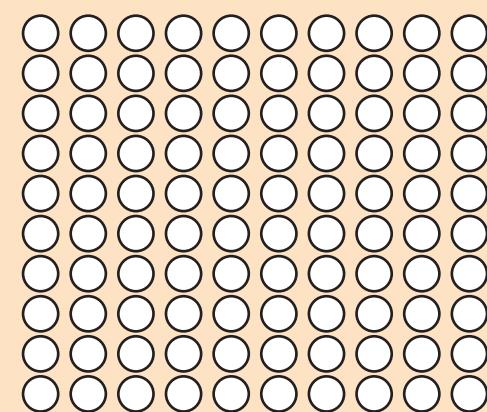
65



Tinombolo 50 – qq

Ithemu 3

Faka umbala etindilingeni letingu 58.



5 0

8



Bhala imphendvulo. Sibonelo sekucala sitakusita.

6 0 8

$$60 + 8 = 68$$



8 0 6

=

5 0 3

=

7 0 1

=

9 0 5

=

6 0 9

=



Bhala timphendvulo takho taloku lokungetulu ngemagama:

emashumi lasitfupha-nesiphohlongo

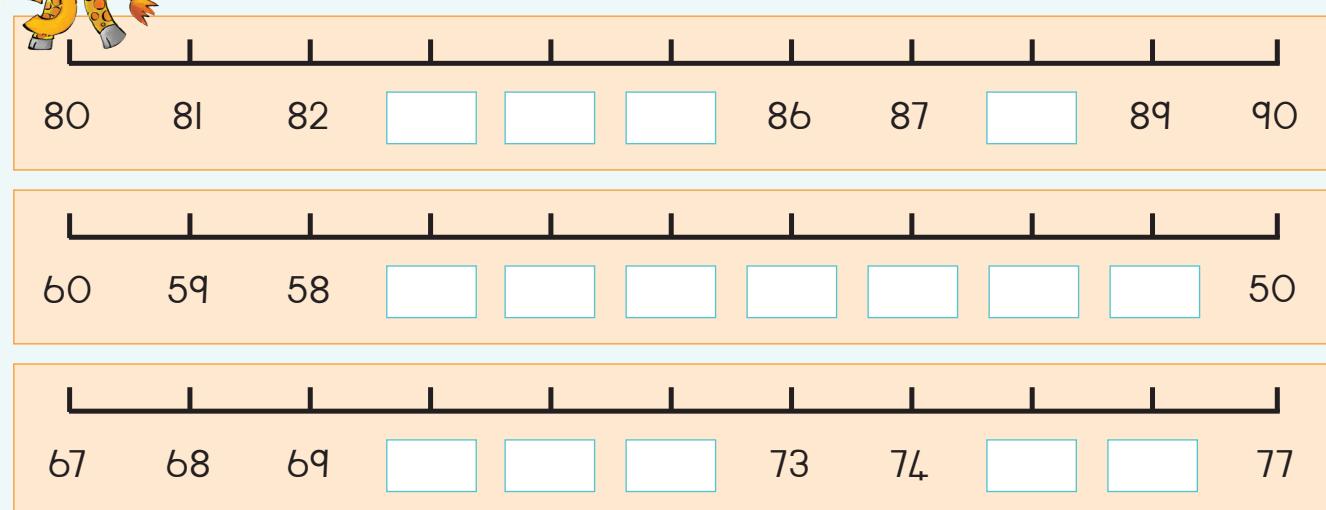


Niketa tinombolo tibe timbili letingephasana natimbili
letingetulu kwalenombolo leniketiwe.

Ngephasi	Inombolo	Ngetulu
	55	
	63	
	88	
	95	
	71	



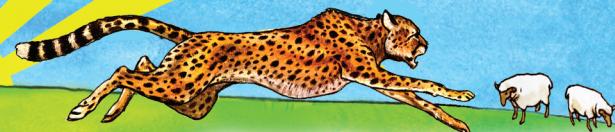
Cedzela lemigca-nombolo.



Sika tinombolo letintsatfu emkhatsini wa 50 na 99 kumagazini noma ephephandzabeni.
Tinamatsisele lapha.



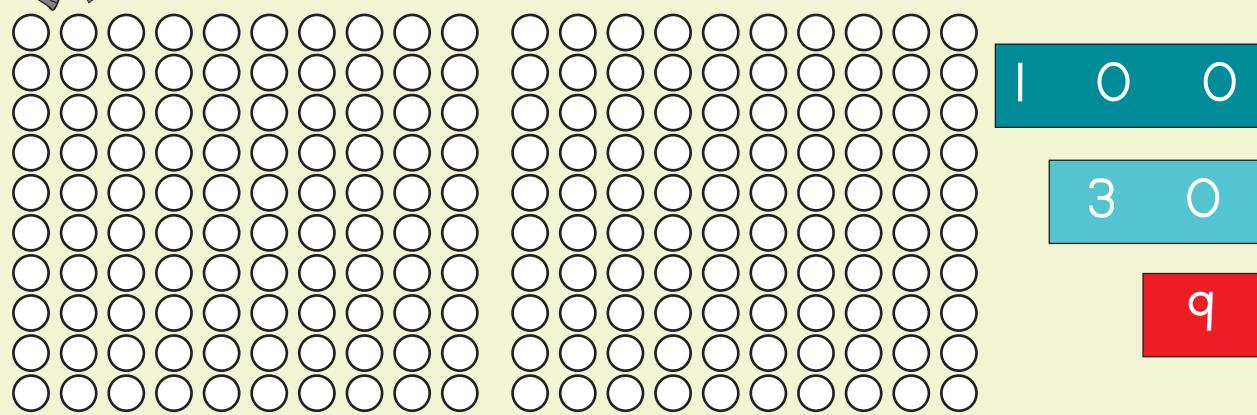
bb



Tinombolo 100 – 150

Ithemu 3

Faka umbala ku 139 wetindilinga.



Bhala inombolo. Sibonelo sekucala sitakukhombisa indlela.

<p>1 0 0 2 0 8</p> <p>$100 + 20 + 8 = 128$</p> 	<p>1 0 0 4 0 q</p> <p>=</p>	<p>1 0 0 4 0 2</p> <p>=</p>
<p>1 0 0 5 0</p> <p>=</p>	<p>1 0 0 2 0 7</p> <p>=</p>	<p>1 0 0 3 0 5</p> <p>=</p>



Nguyiphi inombolo leba semkhatsini waleti?

4

1 2 3 4 5 6 7 8 9 10

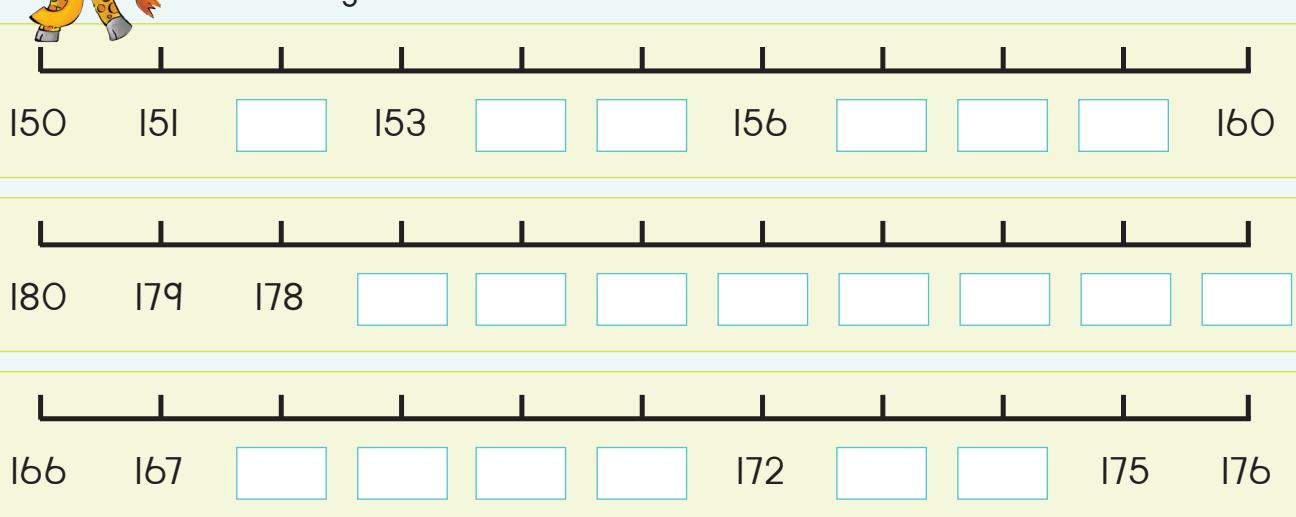


Niketa tinombolo tibe timbili letingephasana natimbili
letingetulu kwalenombolo leniketiwe.

Ngephasi	Inombolo	Ngetulu
	I23	
	I45	
	I08	
	I41	
	I34	



Cedzela lemigca-nombolo.



Sika kahle tinombolo letintsatfu emkhatsini wa 100 na 150 kumagazini noma
liphephandzaba. Uma ungtfoli nayinye, sika kahle tinhlavu-nombolo kutakhela wena
letinombolo letintsatfu. Tinameke lapha ngekulandzelana kusuka kulencane kakhulu
kuye kulenkhlukati.



Teacher: _____
Sign: _____
Date: _____

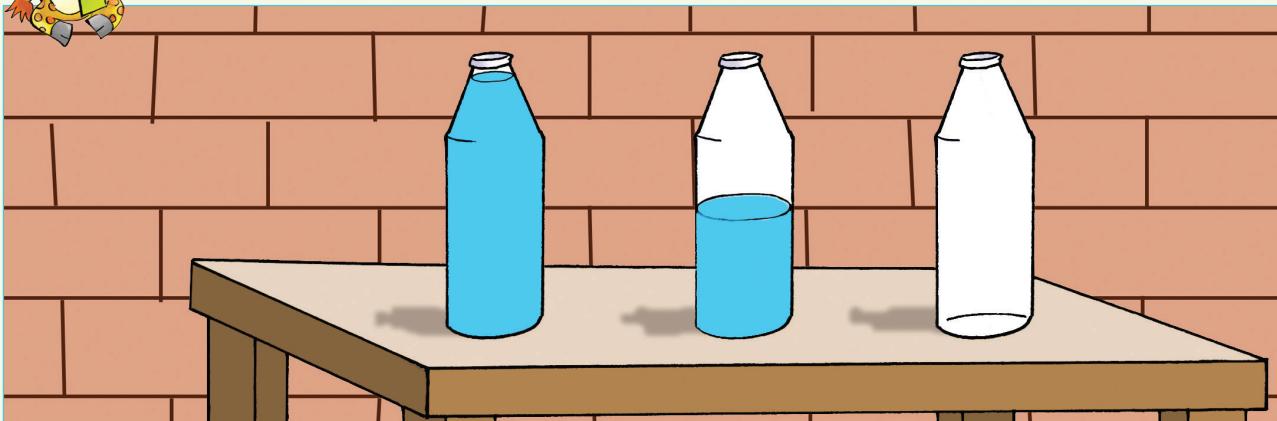
67

Kugcwele, kunguhhafu, kute lutfo

Ithemu 3

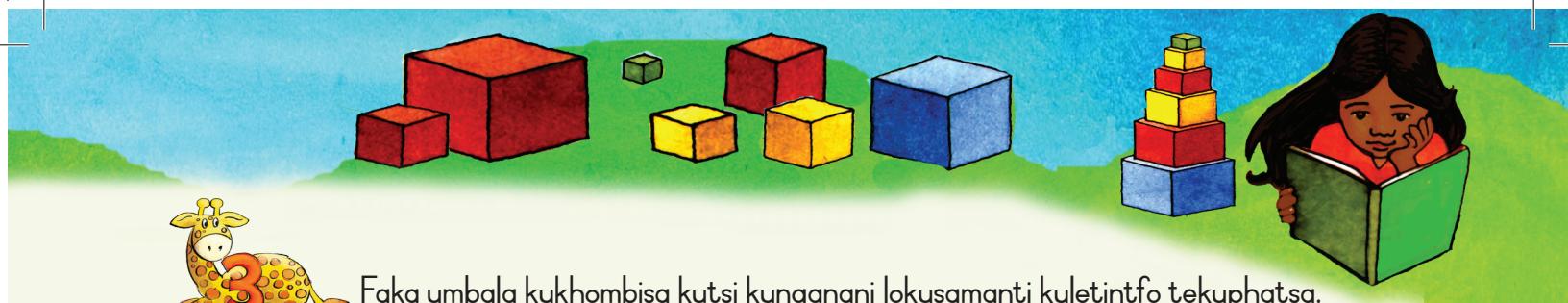


Coca ngemabhodlela etafuleni lathishela.



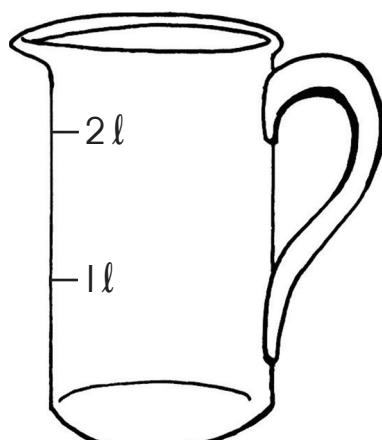
Shano kutsi kwekuphatsa kugcwele, kunguhhafu noma kute lutfo.



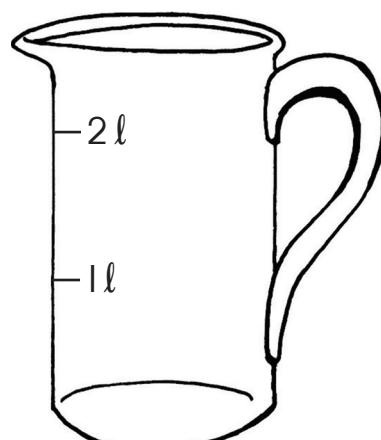


Faka umbala kukhombisa kutsi kunganani lokusamanti kuletintfo tekuphatsa.

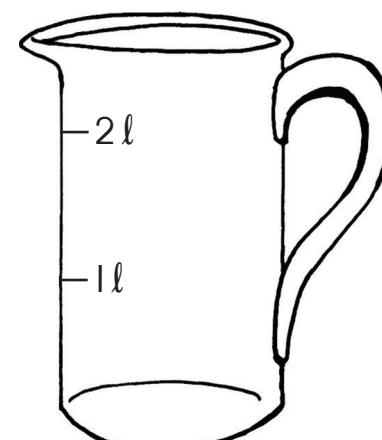
Kugcwele



Kunguhhafu



Kute lutfo



Dweba kutsatfu kwakakho kwekuphatsa. Nguloko kwekuphatsa kungaphatsa 4 wemalitha. Faka umbala kukhombisa kutsi:

Kugcwele

Kunguhhafu

Kute lutfo



Ngukuphi kwekuphatsa lokwetfwala kakhulukati?



Teacher:
Sign:
Date:

68



Siyachubeka ngemtsamo

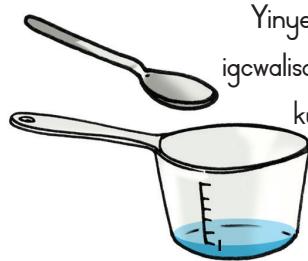
Buka letitfombe. Bentani labantfwana?

Ithemu 3



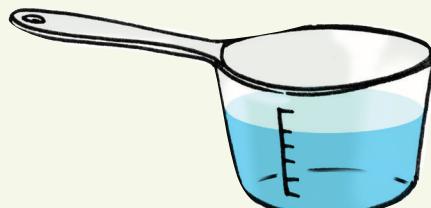
Tinkhezo titaligwalisa kufika kuphi ljeke? Faka umbala.

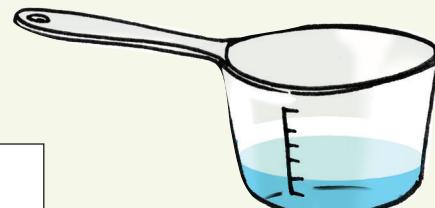
Yinye ithesipunu
igcwalisila lenkomishi
kufika lapha.

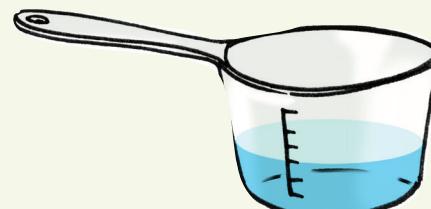


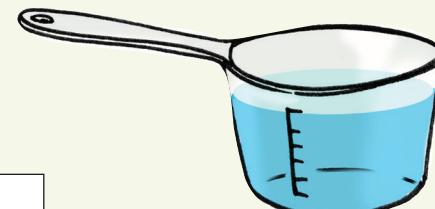


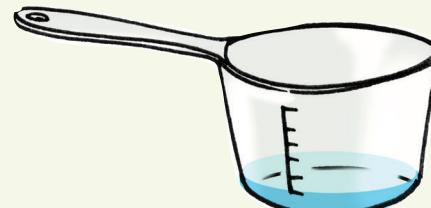
Tingaki tinkhezo letinye lotidzingako futsi kugcwalisa lenkomishi yekukala?

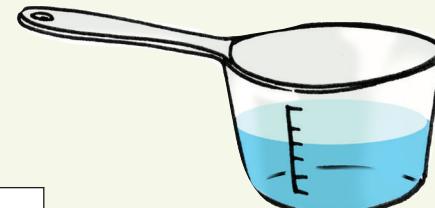










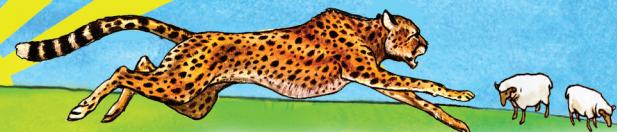




Gogo usebentisa 2 wetinkomishi telubisi kwenta iphudangi. Uma aphindza kibili lendlela yekupheka, utawudzinga lubisi lolunganani?



69

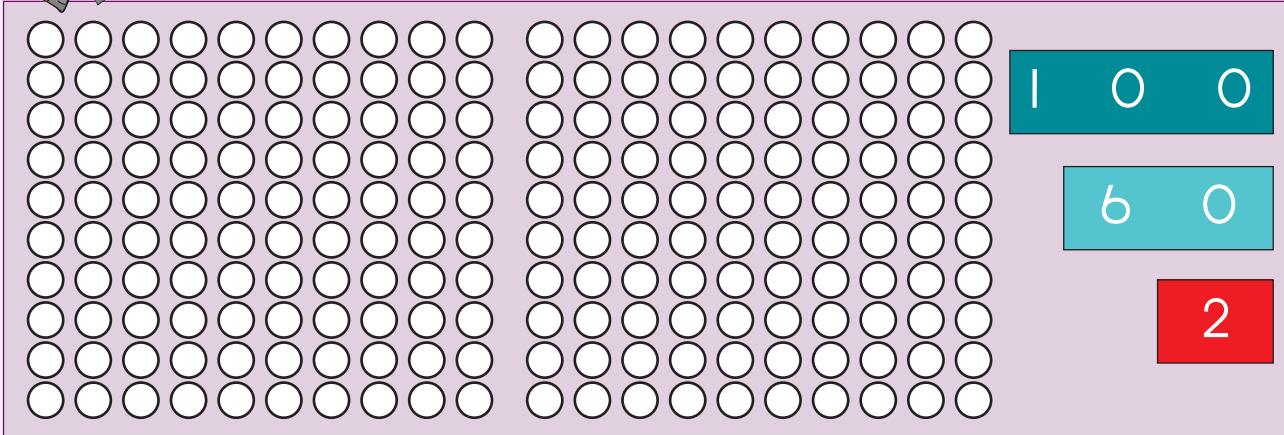


Tinombolo 150 – 170

Ithemu 3



Faka umbala ku 162 wetindilinga.



Bhala inombolo yaloku:

$100 + 50 + 2$ = 152	=	=
$100 + 60 + 7$	=	=
$100 + 50 + 4$	=	=



Ngutiphi tinombolo letita emkhatsini:

150 na 155 _____

158 na 162 _____

170 na 165 _____

163 na 167 _____

172 na 166 _____

10

1 2 3 4 5 6 7 8 9 10

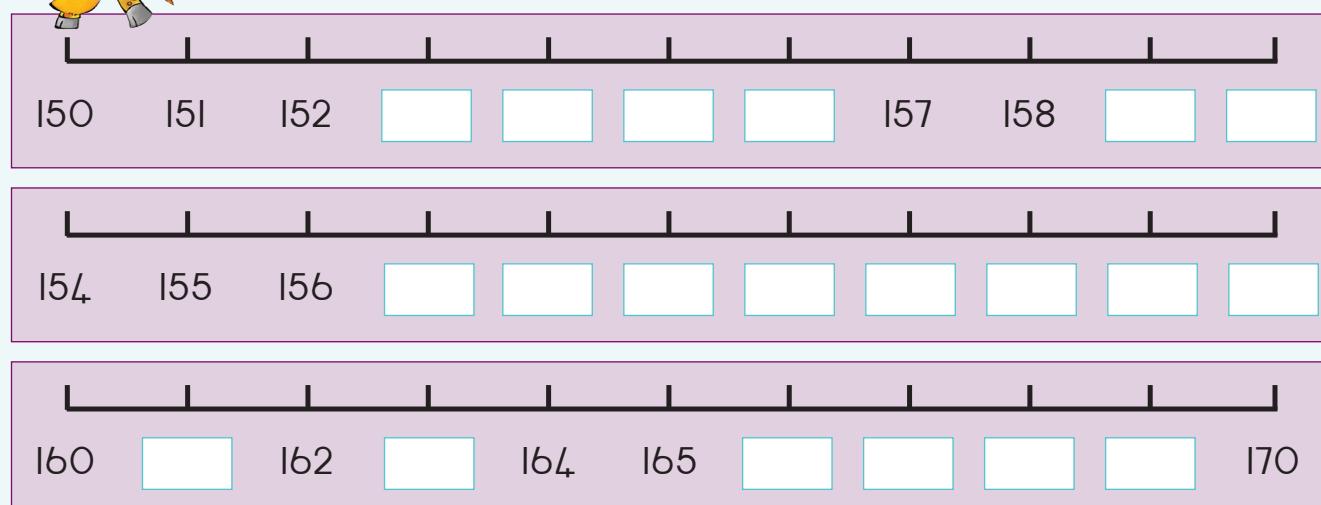


Niketa tinombolo tibe timbili letingephasana natimbili
letingetulu kwalenombolo leniketiwe.

Ngephasi	Inombolo	Ngetulu
	155	
	168	
	151	
	162	
	160	



Cedzela lemigca-nombolo.



Sika kahle tinombolo letintsatfu emkhatsini wa 150 na 170 kumagazini noma
liphephandzaba. Tinameke lapha kusuka kulenkhulukati kuya kulencane kakhulu.



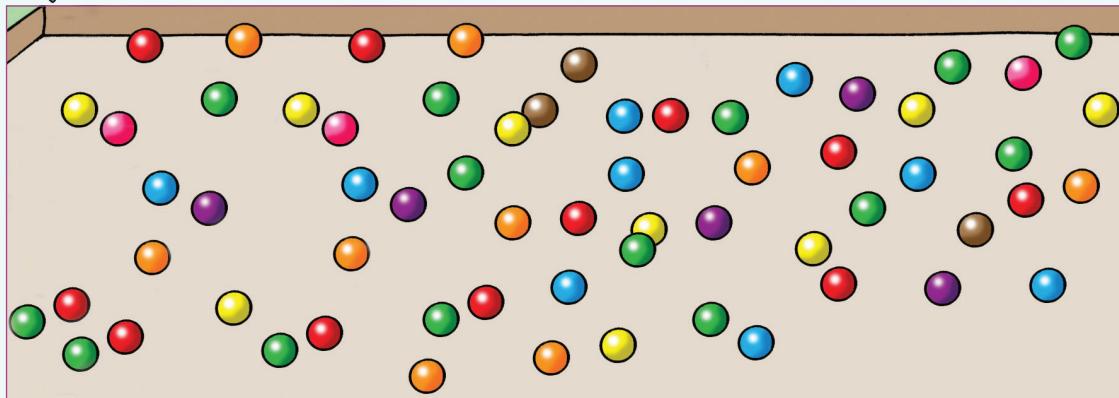
70

Kubala nekulinganisela (0 – 100)

Ithemu 3



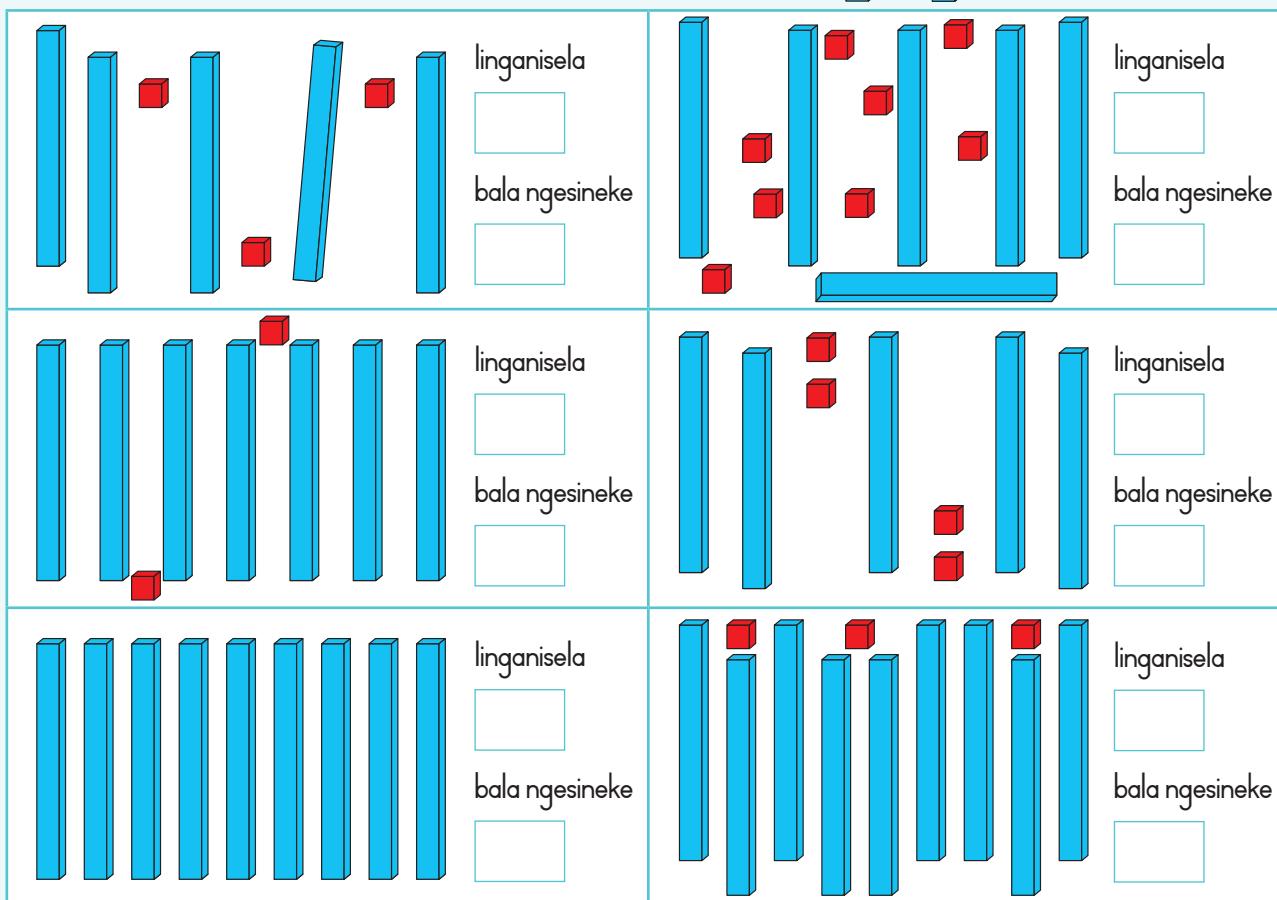
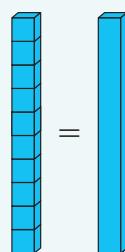
Linganisela bese ubala lobuhlalu.

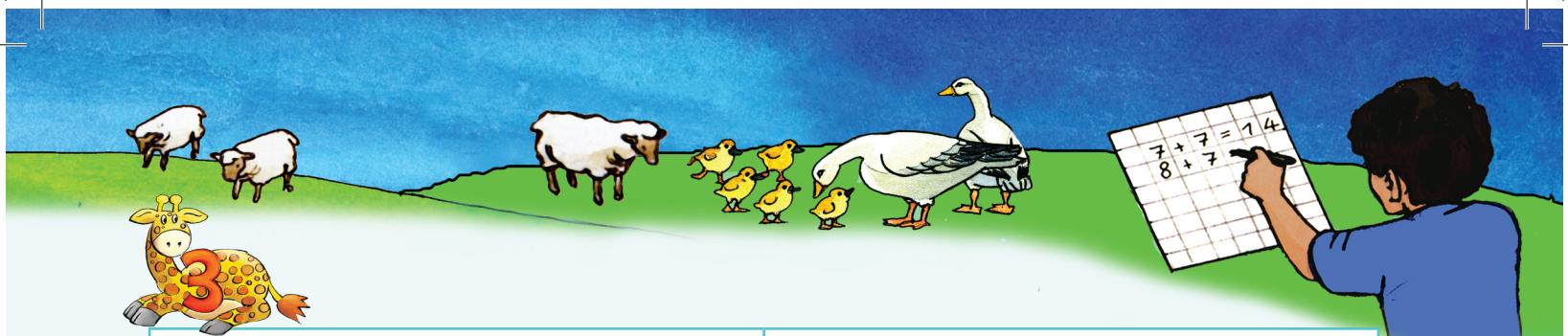


Lusuku:



Kuna 10 wemabhuloki kulesibaya.
Linganisela bese uyabala.

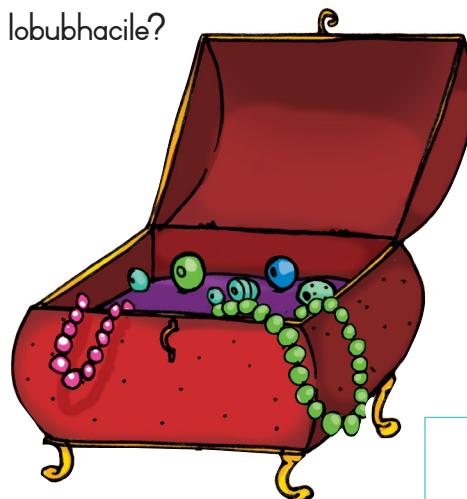




Kuna 42 wemaswidi ebhokisini.
Mangaki labhacile?



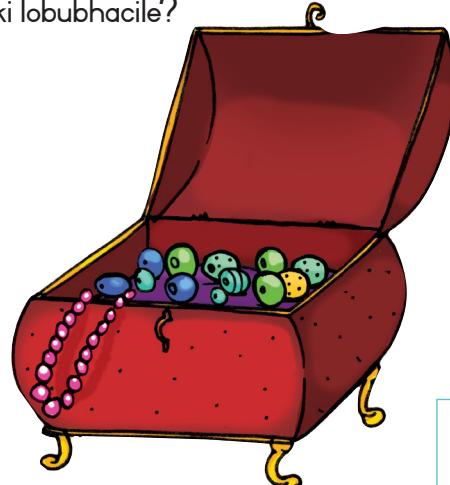
Kuna 50 webuhlalu ebhokisini.
Bungaki lobubhacile?



Kuna 78 wemaswidi ebhokisini.
Mangaki labhacile?

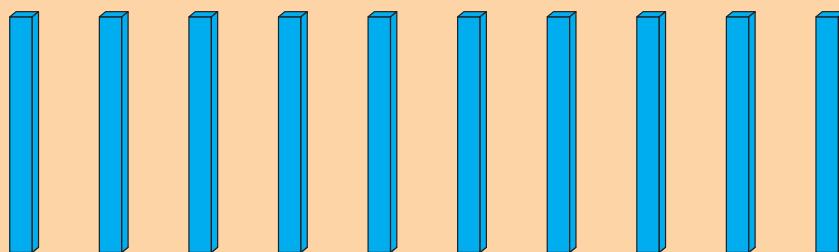


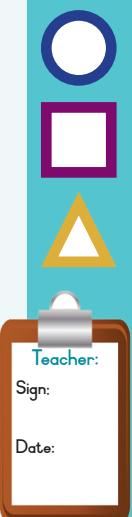
Kuna 100 webuhlalu ebhokisini.
Bungaki lobubhacile?



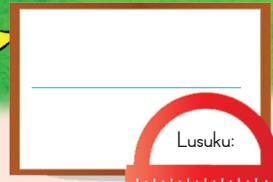
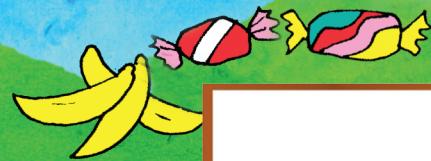
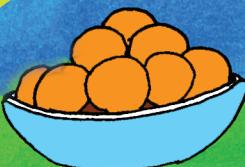
Ungakwenta masinyane kanganani loku?

Sibaya ngasinye siphatsa 10 wemabhuloki. Mangaki emabhuloki lakhona lapha?





71



Lusuku:

Imininingwane siyachubeka

Ithemu 3



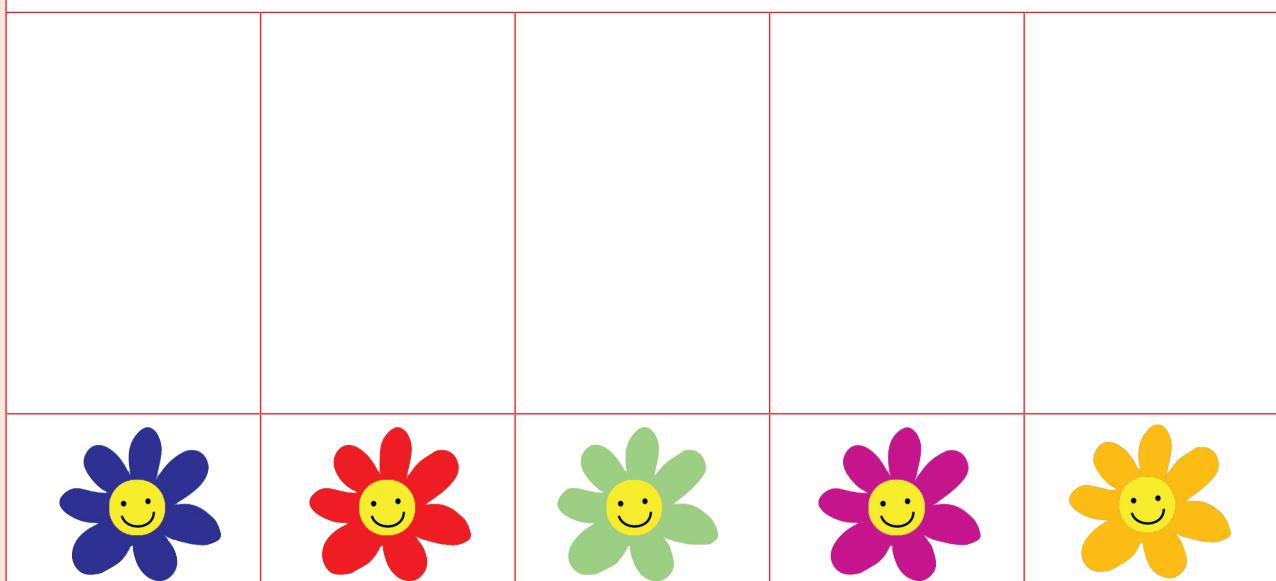
Hlunga letimbali. Yenta wakho umdvwebo. Bhala samba (ithothali) ebhokisini.





Dvweba sitfombe-mdvwebo setimbalu takho
letihlungiwe. Sihloko sakho sitawutsini?

INKHOMBA:



Phendvula lemibuto lelandzelako:

Tingaki timbalu letisamsobo letikhona?

Tingaki timbalu letibovu letikhona?

Tingaki timbalu letiluhlata lokusamsobo letikhona?

Tingaki timbalu letiphinki letikhona?

Tingaki timbalu letimtfubi letikhona?

Ngumuphi umbala wembali lodvume kakhulu?

Ngumuphi umbala wembali longakadvumi?

Ngumuphi umbala wembali lowutsandza kakhulu?



11

12

13

14

15

16

17

18

19

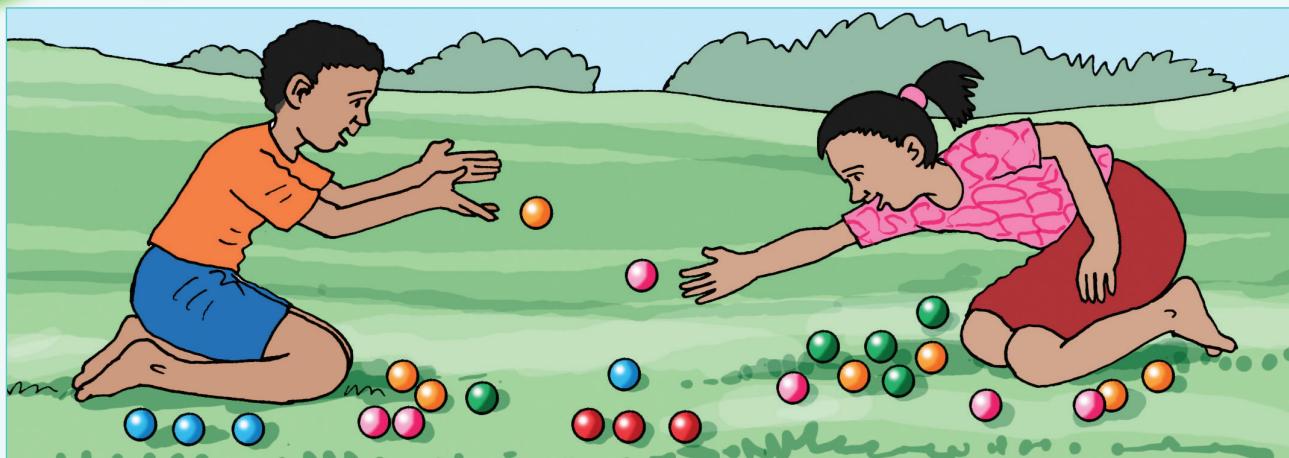
20

72

Kuhlanganisa 0 – 50

Lusuku:

Ithemu 3



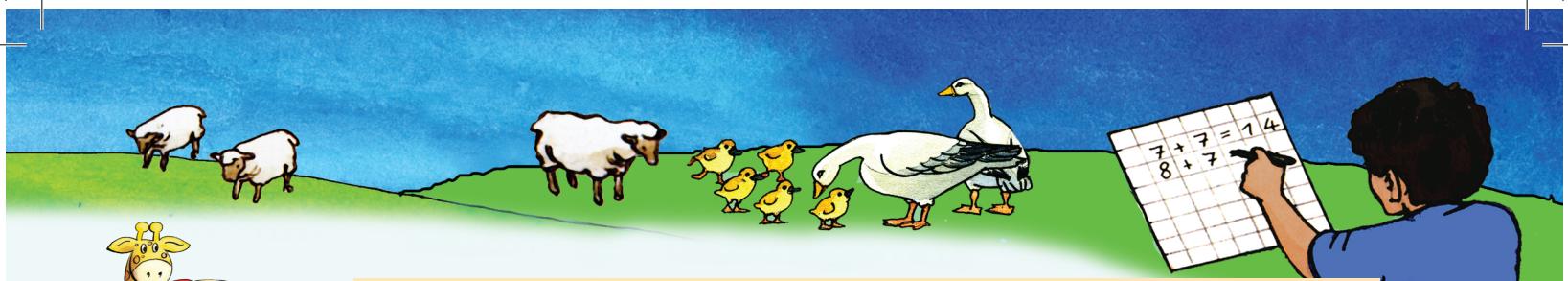
Buka kulesitfombe bese uhlanganisa lamamabuli.

labovu	+	lalingangane	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
laluahlata	+	lalingangane	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
lasamsobo	+	lalingangane	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
laluahlata	+	lamtfubi	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
labovu	+	laluahlata	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>



Catsanisa lamakhadi. Dvweba umugca usuke esibalweni uye emakhadini langiwo.

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



Hlanganisa.

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



Hlanganisa.

$16 + 13$

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

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

$24 + 12$

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

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

$37 + 11$

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

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

$25 + 23$

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

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

$36 + 12$

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

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

$28 + 21$

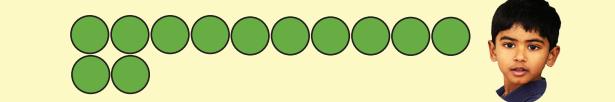
8	1	$= \boxed{}$
$2 \text{ } 0$	$2 \text{ } 0$	$= \boxed{}$

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

Lisa unetintfo tekubala letingu 16 kantsi Peter una 12.



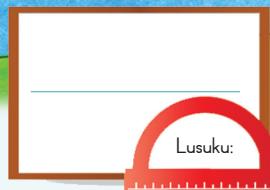
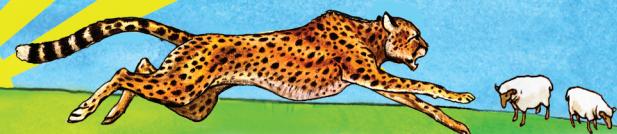
Itsini ithothali?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

73



Kuhlanganisa 0 – 75

Ithemu 3



Catsanisa lamakhadi.

1	10
5	10

6	20
2	10

3	20
5	30

4	40
4	30



Hlanganisa.

$12 + 11$

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

$23 + 41$

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



Cedzela.

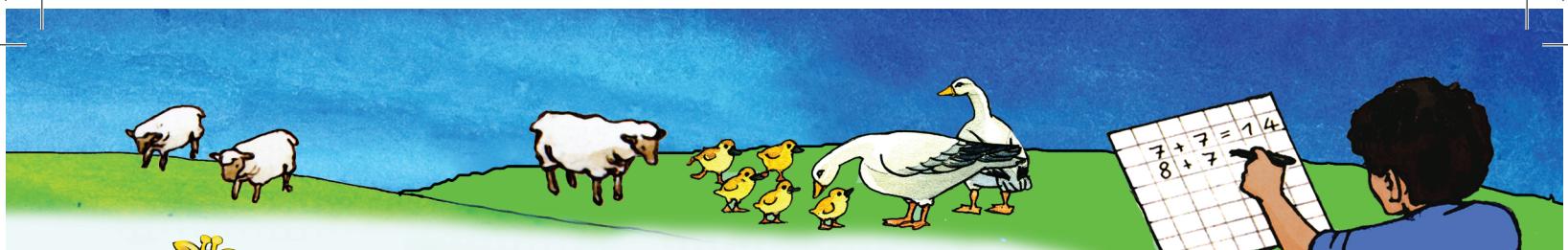
$$28 + \boxed{11} = \boxed{2} \boxed{8} + \boxed{1} \boxed{0} + \boxed{1} = 38 + \boxed{1} = 39$$

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

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

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

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



Hlanganisa.

$21 + 10 = \boxed{}$

$53 + 10 = \boxed{}$

$46 + 10 = \boxed{}$

$68 + 10 = \boxed{}$

$37 + 10 = \boxed{}$

$42 + 10 = \boxed{}$

$74 + 10 = \boxed{}$

$19 + 10 = \boxed{}$

$55 + 10 = \boxed{}$



Sibalo sa 47 na 6 ngu?

Dwweba sitfombe kukhombisa imphendvulo yakho.

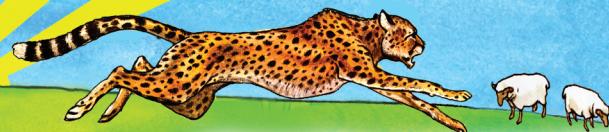


Yenta sibalo sakho semagama ngekusebentisa titfombe.



Teacher: _____
Sign: _____
Date: _____

74



Kuhlanganisa nekususa: 0 – 75

Ithemu 3

Condzanisa emakhadi. Dvweba umugca kusuka esibalweni kuya emakhadini langiwo.

q

5

4

7

6 0

5 0

7 0

4 0

$7 + 40 = 47$

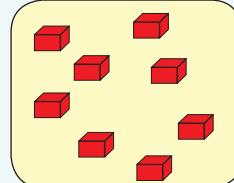
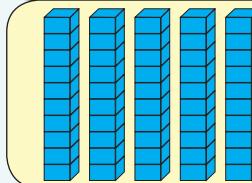
$60 + 9 = 69$

$50 + 5 = 55$

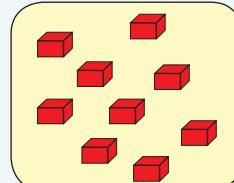
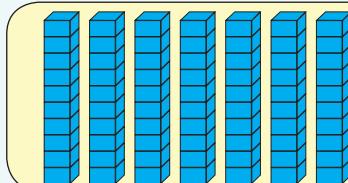
$4 + 70 = 74$



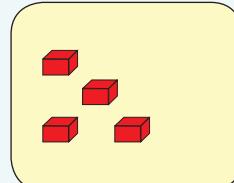
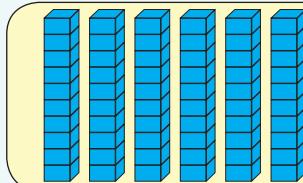
Bhala sibalo saloku lokulandzelako bese uyanguhlanganisa.



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



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



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



Hlanganisa.

$60 + 4 = \boxed{}$

$30 + 2 = \boxed{}$

$40 + 9 = \boxed{}$

$50 + 4 = \boxed{}$

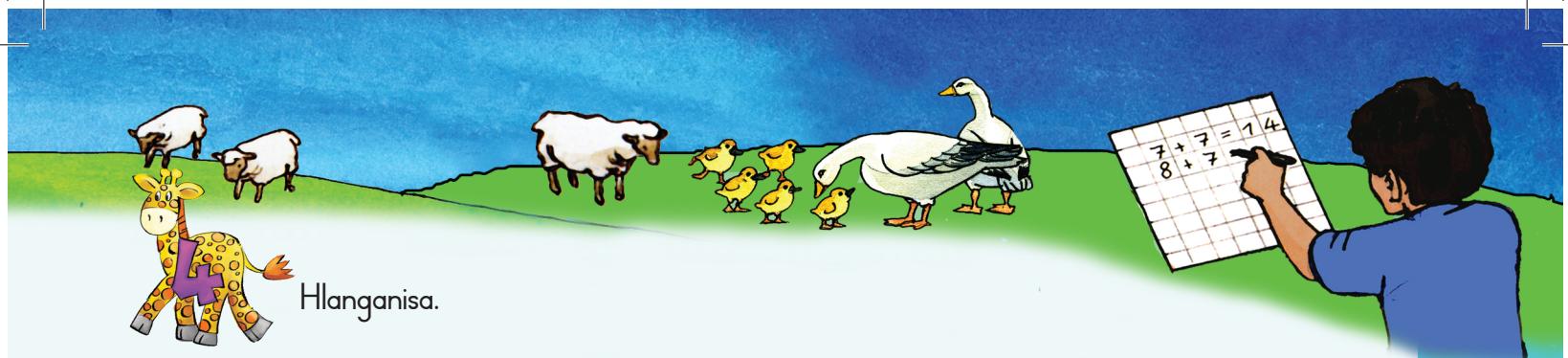
$20 + 8 = \boxed{}$

$10 + 7 = \boxed{}$

$70 + 5 = \boxed{}$

$70 + 8 = \boxed{}$

$50 + 6 = \boxed{}$



Hlanganisa.

$56 + 15$



$56 + 15 = 71$

$34 + 17$

$48 + 13$

$\square + \square = \square$

$63 - 41$

$75 - 51$

$\square - \square = \square$

$72 - 49$



Yenta umdvwebo: Mbali unemabhuloki langu 52 kantsi Zander una 36.



Itsini ithothali? _____





Lusuku:

Emabhola, emabhokisi nemibhoshongo



Lamagama angakusita:

emabhokisi

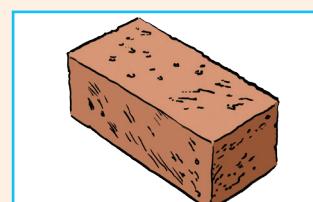
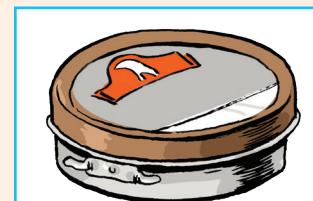
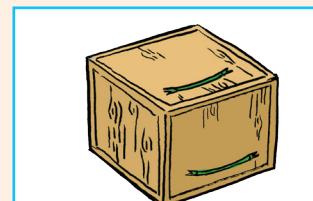
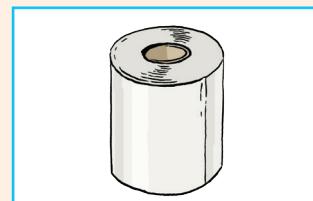
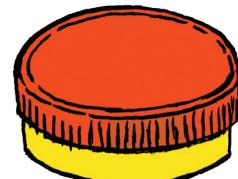
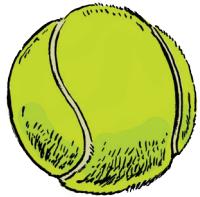
emabhola

imibhoshongo

Usakhumbula nje kutsi
bobunjwa labanjani laba?

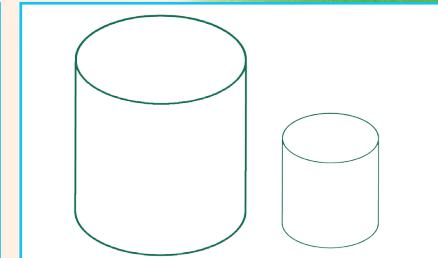
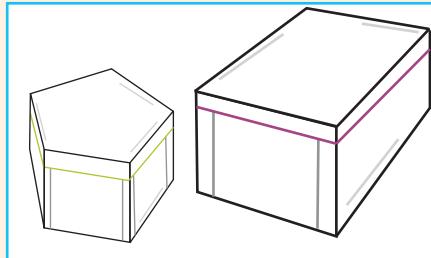


Bekisa emabhola, emabhokisi nemibhoshongo ngekubhala lelogama ngephasi
kwaleyontfo ngayinye.





Faka umbala lolingangane etintfweni letincanyana.



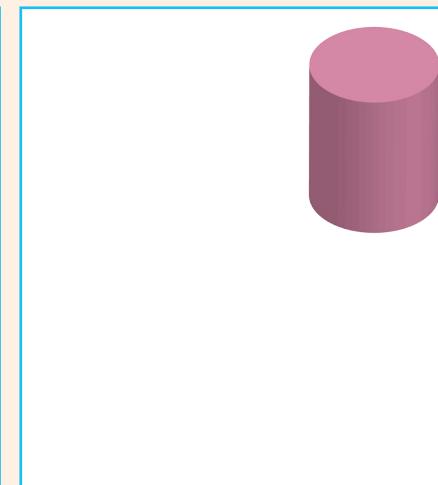
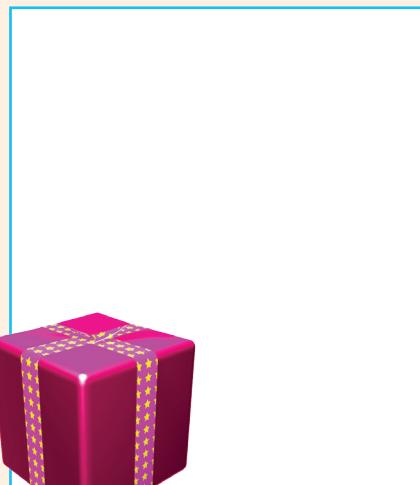
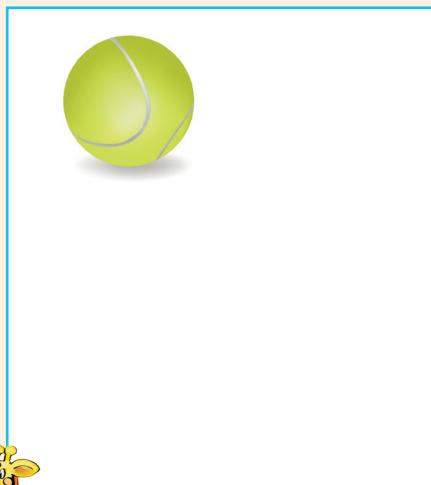
emabhokisi

emabhola

imibhoshongo



Dvweba intfo lenkhudlwana.



Ufuna kufaka sipho sekutalwa samake wakho kulentfo lena yekuphatsa.
Udzinga kuchazelwa umtsengisi esitolo kutsi yini loyifunako.
Ungayichaza kanjani lentfo?



Sheleta, gicika ubuye wakhe ngetintfo letiyi 3-D

Ithemu 3

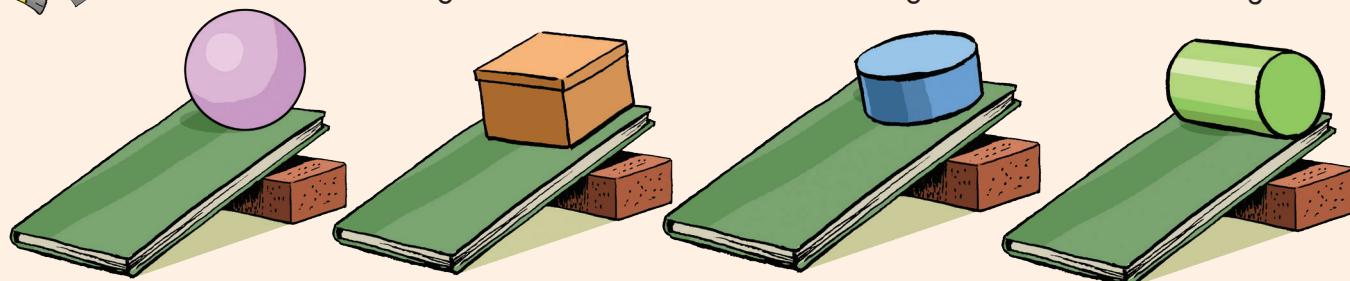


Thishela wakho utakwenta lomsebenti
ngetandla kanye nani kubona kutsi ngabe
loku lokulandzelako kutawusimama yini:

- Libhokisi etu kwelibhokisi.
- Ibhola etu kwelibhokisi.
- Ibhola etu kwebhola.
- Emabhokisi lamabili etu kwelibhokisi linye.



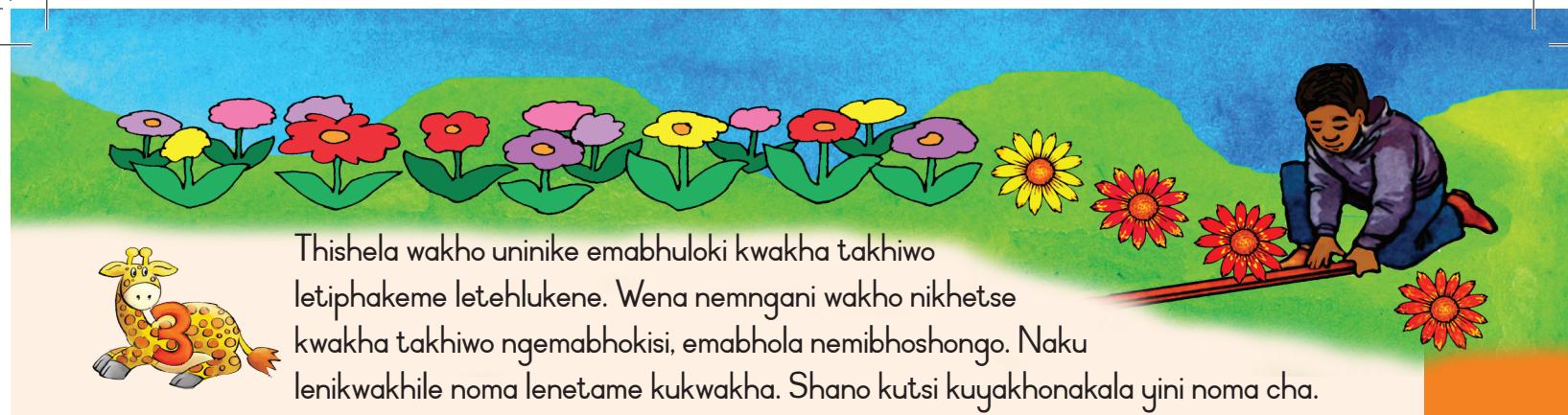
Emabhokisi, emabhola nemibhoshongo kungagicina noma kushelele. Thishela wakho
utaniketa letintfo letilandzelako kubona kutsi titawugicina noma titawushelela. Emva
kwekwenta lomsebenti ngetandla shano kutsi letintfo titawugicina noma titawushelela yini.



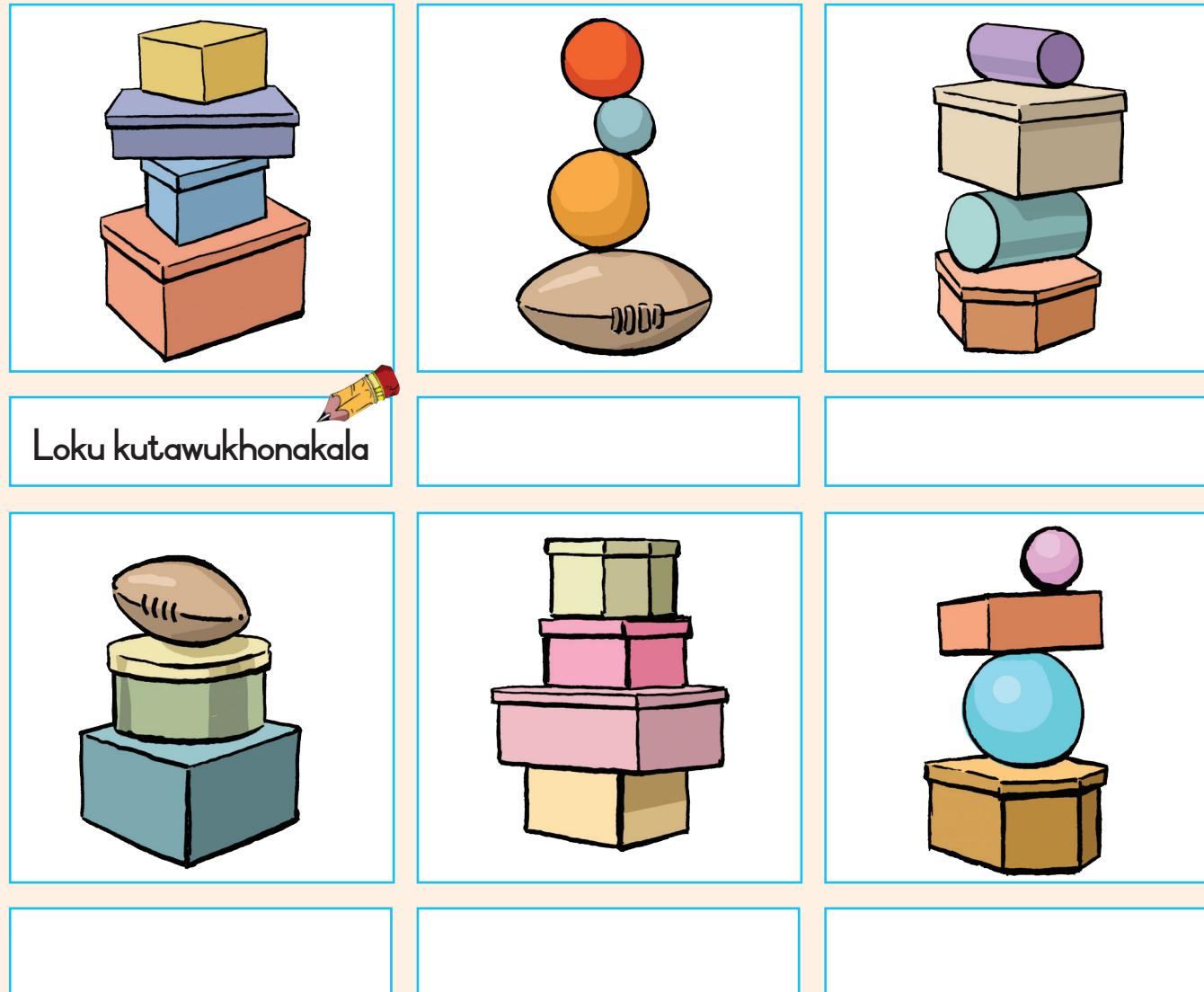
Tfola titfombe tetintfo letitawugicina noma tishelele kubomagazini
utinamatsisele lapha.

gicika

sheleta



Thishela wakho uninike emabhuloki kwakha takhiwo letiphakeme letehlukene. Wena nemngani wakho nikhetse kwakha takhiwo ngemabhokisi, emabhola nemibhoshongo. Naku lenikwakhile noma lenetame kukwakha. Shano kutsi kuyakhonakala yini noma cha.



Loku kutawukhonakala

Nati takhiwo temabhokisi emetjiso.

Udzinga:
Emabhokisi emetjiso.

Wenta loku:
Nyalo yetama kwakha sakhiwo semabhokisi
emetjiso siphakame kakhulu ngaphandle
kwekusebentisa iglu.

Teacher: _____
Sign: _____
Date: _____

77

Siyachubeka kuhlanganisa

nekususa 0 – 75

Ithemu 3



Hlanganisa tinombolo ebhulokini ngayinye bese ubhala phansi imphendvulo.

Lusuku:

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



Hlanganisa usebentisa indlela yakakho.

$52 + 21$

$43 + 28$



Cedzela.

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

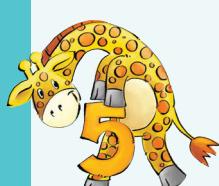
$45 + 32 = 4\boxed{5} + \boxed{30} + \boxed{2} = \boxed{} + \boxed{} = \boxed{}$

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



Hlanganisa.

$41 + 10 = \boxed{}$
 $44 + 10 = \boxed{}$
 $71 + 10 = \boxed{}$



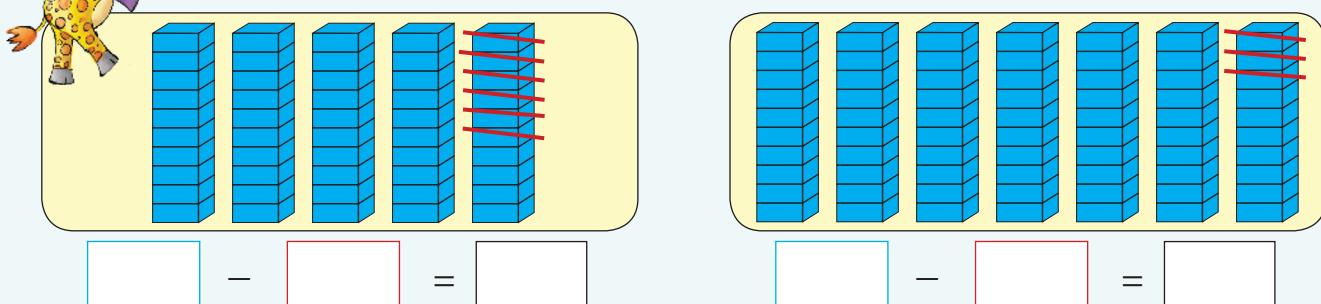
Kuhlanganiswa kwa 36 na 24 ngu_____.

Dwewba sitfombe kukhombisa imphendvulo yakho.



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

Bhala sibalo saloku lokulandzelako.



Susa:

$$65 - 23$$

$$72 - 29$$

Khipha.

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

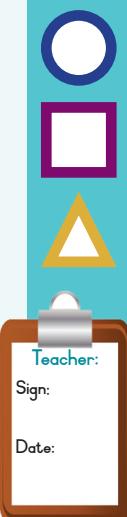
$$42 - 10 = \boxed{\quad}$$

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

Yenta umdvwebo: Palesa unemamabuli langu 62 kantsi ulahlekelwe ngu 21.



Mangaki emamabuli lasele? _____



78



Siyachubeka ngemali

Lusuku:

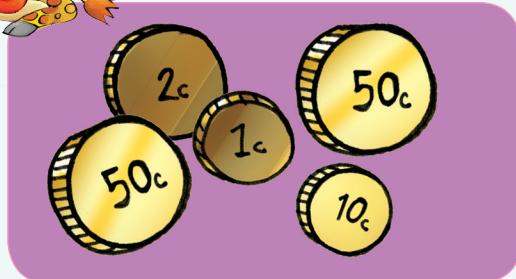
Lijini lidlela-ntfongeni lami?

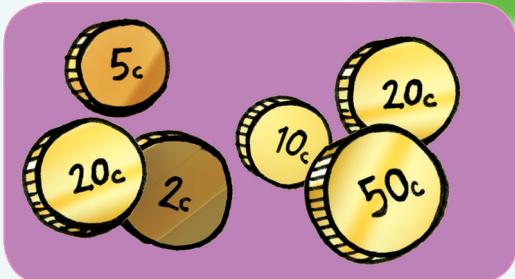
Ithemu 3

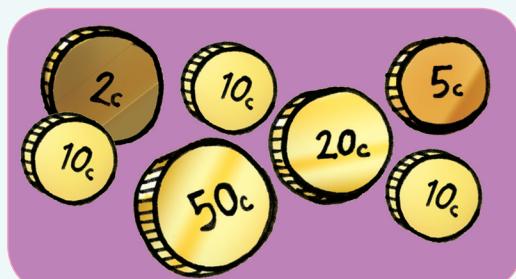


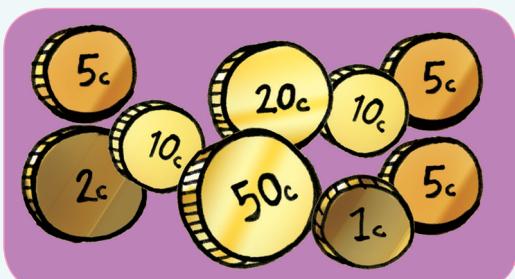
Sebentisa imali yensimbi lekuKwekusiwa 3 unamatsisele emanani langiwo lapha.





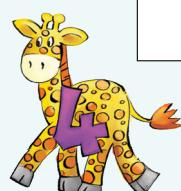












Tibalo-magama:

Ngina 100c. Babe unginika 50c.
Senginamalini nyalo? Dvweba sitfombe
kukhombisa imphendvulo yakho.

Ngina 170c. Ngitsenge liswidi nga 100c.
Sengisele namalini? Dvweba sitfombe
kukhombisa imphendvulo yakho.



79

Siyachubeka ngemali yeliphepha

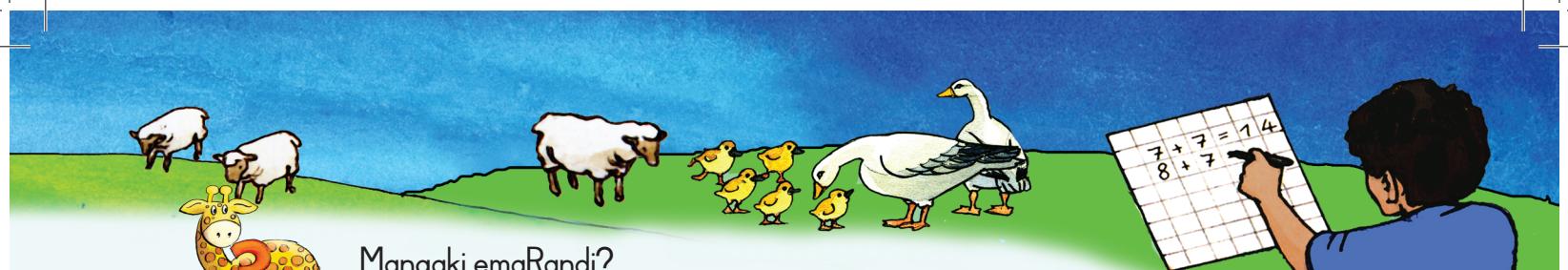
Ngumalini losesipatjini sami?

Ithemu 3

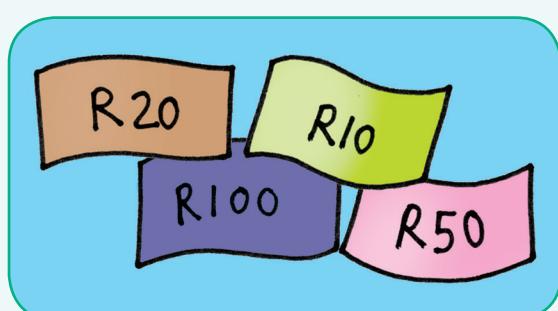
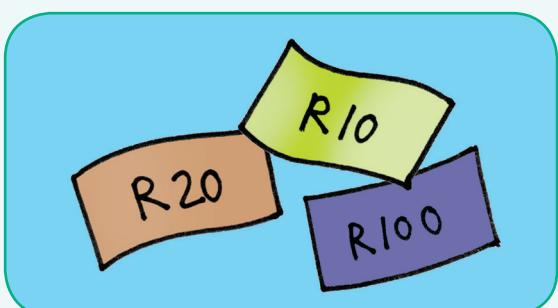
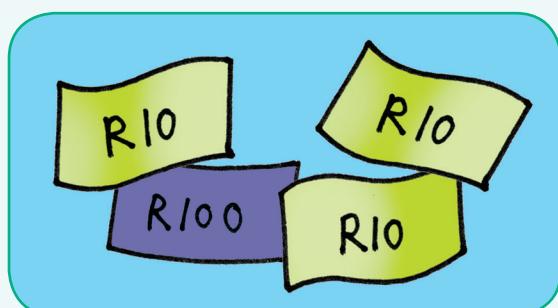
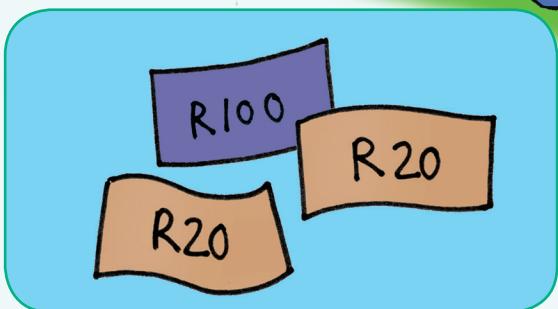


Sebentisa imali lemaphepha lekuKwekusikwa 3 unamatsisele emanani langiwo lapha.





Mangaki emaRandi?



Tibalo-maqama:

Umnaketfu una R100. Nqina R50 kantsi dzadze lomcane una R20. Sinamalini sesisonkhe?

Nqina RI6O. Ngitsenqe lishethi nga R5O. Senqisele namalini?



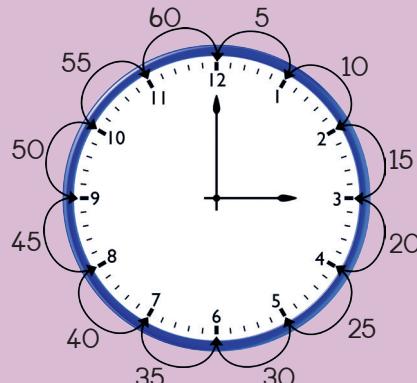
80



Coca ngeliwashi.

Iphethini yesikhatsi

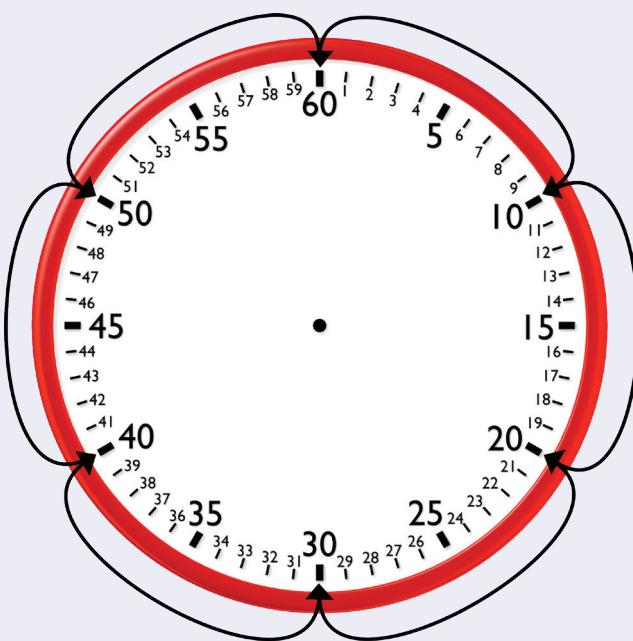
Ithemu 3



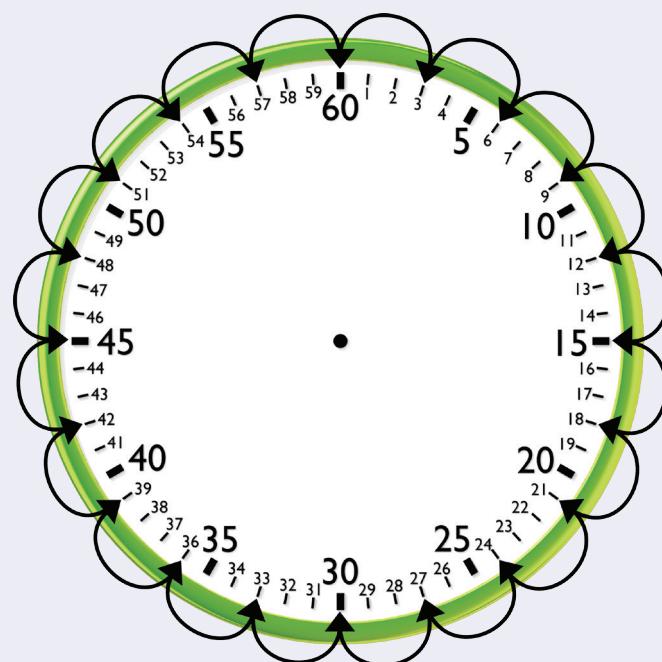
- Liwashi lisikhomba sikhatsi.
Lutsi lolufisha lusikhomba ema-awa.
Lutsi loludze lusikhomba imizuzu.
Lapha sibala imizuzu ngetihlanu.



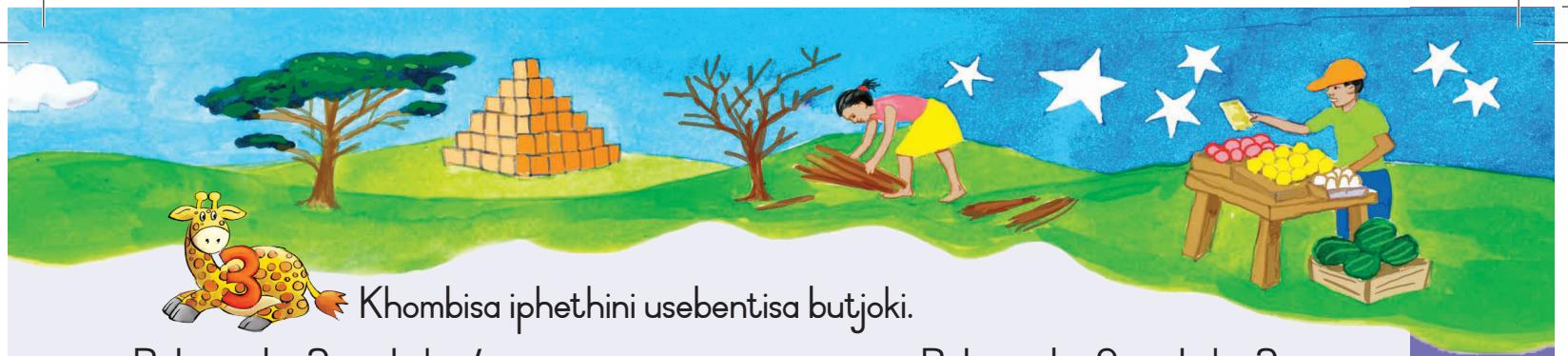
Itsini iphethini? Bukisia lobutjoki sikhatsi ngesikhatsi bese ubhala phansi iphethini.



10 —, —, —, —, —,



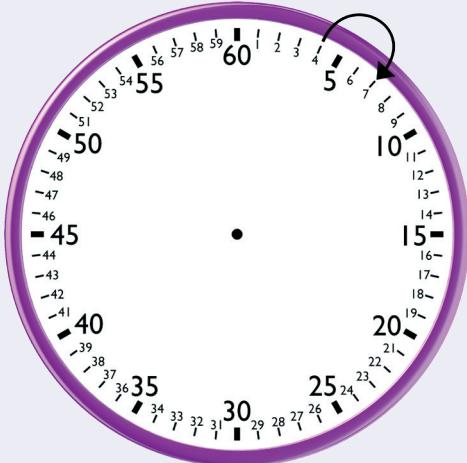
3, —, —, —, —, —, —,
—, —, —, —, —, —, —,
—, —, —, —,



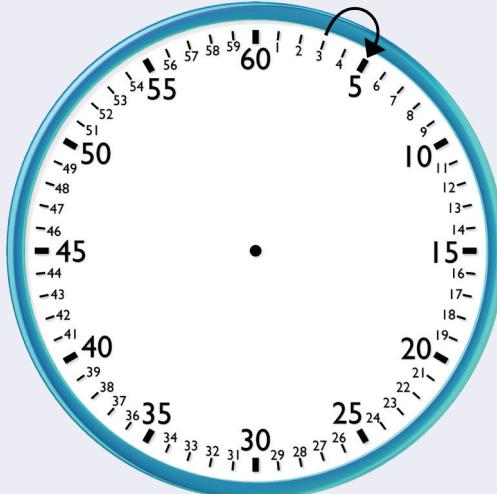
3

Khombisa iphethini usebentisa butjoki.

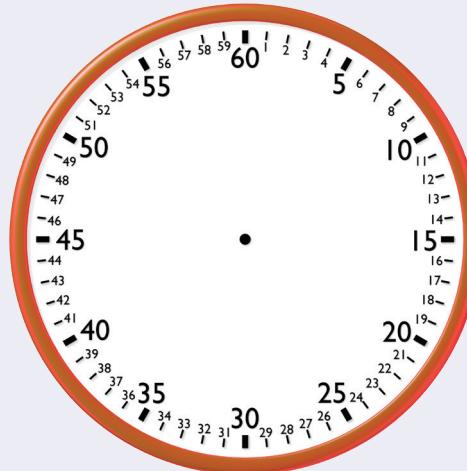
Bala ngabo 3 ucale ku 4.



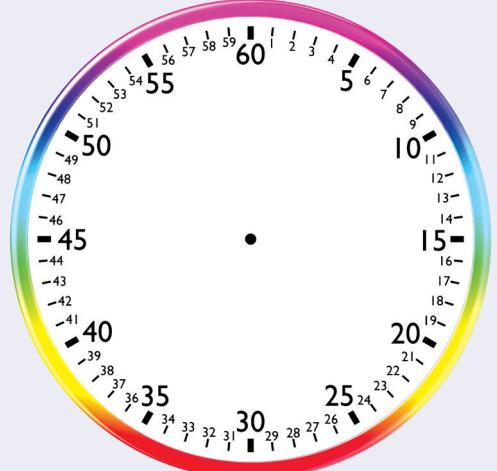
Bala ngabo 2 ucale ku 3.



Bala ngabo 10 ucale ku 1.



Bala ngabo 5 ucale ku 2.



Uya ngabani sikhatsi esikolwenil?



Uya ngabani sikhatsi ekhaya?



Usidla ngabani sikhatsi sidlo sakusihlwa?



Teacher:
Sign:
Date:

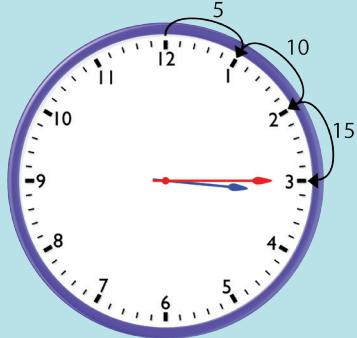
8la



Ema – awa nemizuzu

Ithemu 3

Coca ngeliwashi.



Lutsi lolufisha lusikhomba kutsi sekushaye kwengca 3 wema-awa.

Lutsi loludze lusikhomba kutsi ngu 15 wemizuzu.

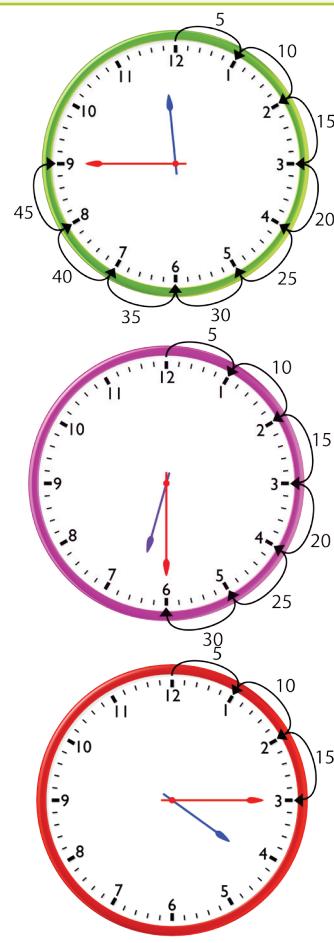
Loku sitsi ngu **kota phasi** 3.

Sisho kutsi yimizuzu lelishumi nesihlanu emva kwema-awa lama 3.

Imizuzu lelishumi-nanhlanu yikota yemizuzu lengemashumi-lasitfupha
(li-awa)



Ngubani sikhatsi?



Lutsi **lolufisha** lusikhombisa _____.

Lutsi **loludze** lusikhombisa _____.

Sitsi ngu _____.

Lutsi **lolufisha** lusikhombisa _____.

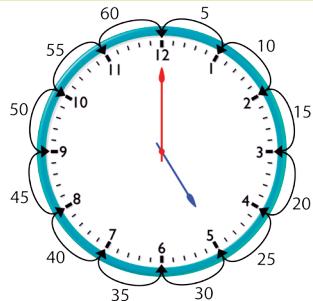
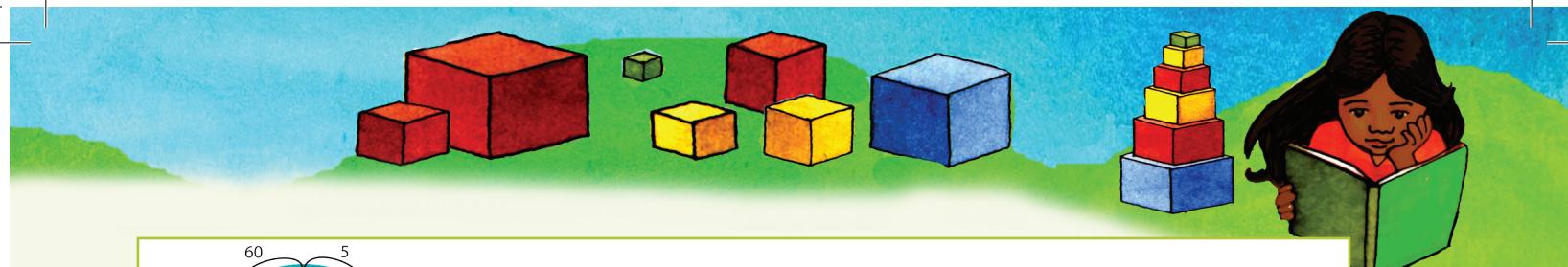
Lutsi **loludze** lusikhombisa _____.

Sitsi ngu _____.

Lutsi **lolufisha** lusikhombisa _____.

Lutsi **loludze** lusikhombisa _____.

Sitsi ngu _____.



Lutsi **lolufisha** lusikhombisa _____.

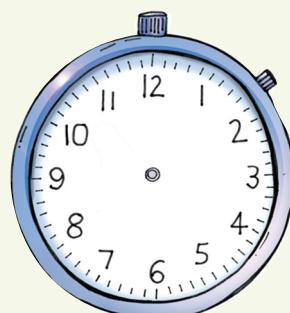
Lutsi **loludze** lusikhombisa _____.

Sitsi ngu _____.

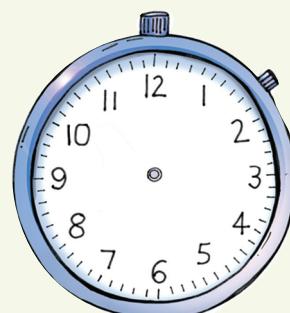


Dvweba lutsi loludze nelutsi lolufisha.

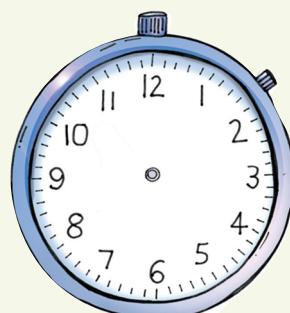
**Lishumi
nesihlanu
emva
kweyesibili.**



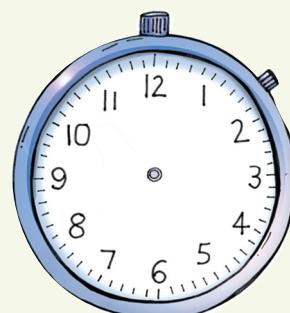
**Igabence
insimbi
yemfica.**



**Yinsimbi
yelishumi
enhloko.**



**Lishumi
nesihlanu embi
kweyesitfupha.**



Uyaye wenteni i ngalesikhatsi emkhatsini neliviki? Dvweba sitfombe.

Lishumi nesihlanu emva kweyesiphohlono ekuseni. Lishumi nesihlanu emva kweyesiphohlongo kusihlwa.



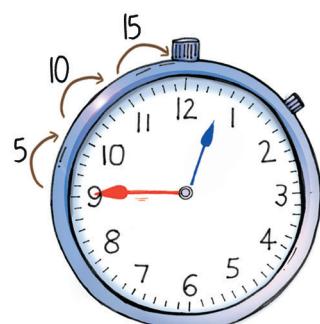
8lb



Ithemu 3

2

Ngubani sikhatsi?



Lutsi **lolufisha** _____.

Lutsi **loludze** lume etu kwa _____.

Ngu _____ embi kwekuba lutsi **loludze** lume ku 12.

Sitsi ngu _____ ku _____.

Lutsi **lolufisha** _____.

Lutsi **loludze** lume etu kwa _____.

Ngu _____ embi kwekuba lutsi **loludze** lume ku 12.

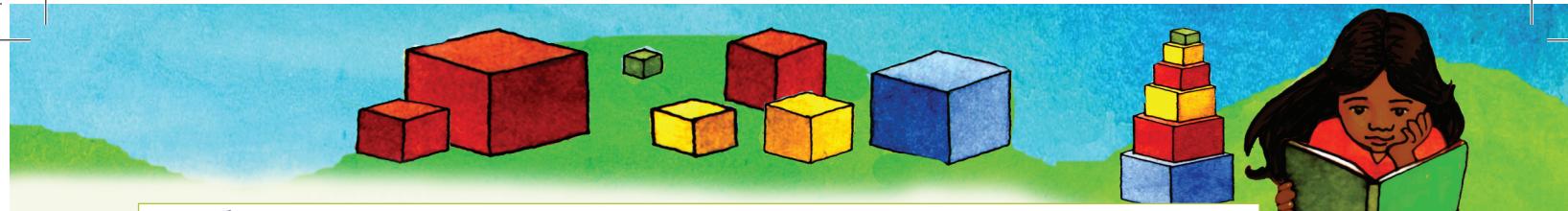
Sitsi ngu _____ ku _____.

Lutsi **lolufisha** _____.

Lutsi **loludze** lume etu kwa _____.

Ngu _____ embi kwekuba lutsi **loludze** lume ku 12.

Sitsi ngu _____ ku _____.



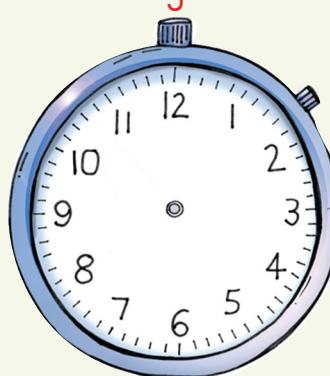
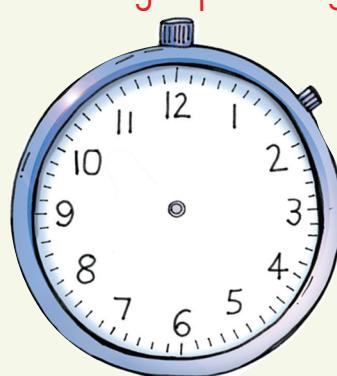
	Lutsi lolufisha _____.
	Lutsi loludze lume etu kwa _____.
	Ngu _____ embi kwe kuba lutsi loludze lume ku 12.
	Sitsi ngu _____ ku _____.



Dwweba lolutsi loludze nelutsi lolufisha kukhombisa kutsi:

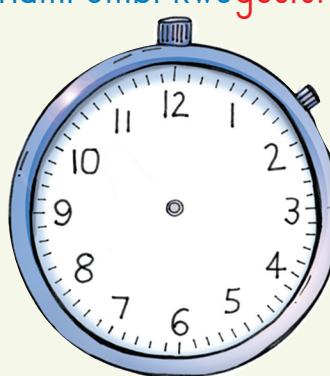
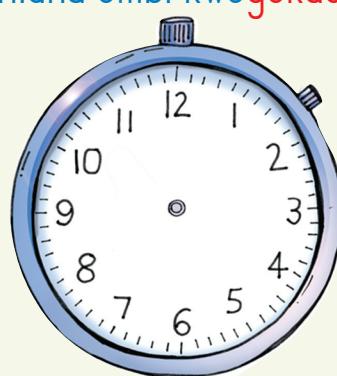
**Isihlanu
embi kweyesiphohlongo.**

**Ingemashumi lamibili
embi kweyesitsatfu.**



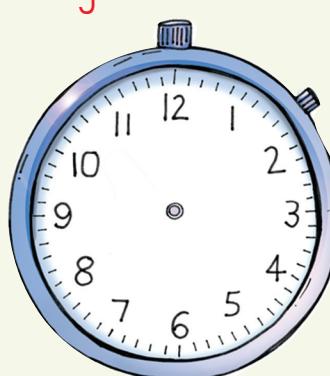
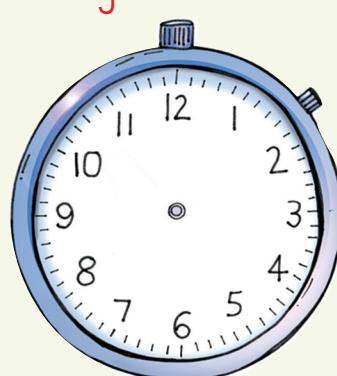
Isihlanu embi kweyekucala.

Ilishumi embi kwyesitfupha.



**Lishuminantsatfu embi
kweyesikhombisa.**

**Lishuminambili embi
kwelyelishuminambili.**



Teacher:
Sign: _____
Date: _____



Lusuku:

Kuhlanganisa lokuphindziwe

Ngina 3 wetikhwama letina 2 emaswidi

Loku ngingakubhala kanje
 $2 + 2 + 2 = 6$ noma
 $3 \times 2 = 6$

Ngina 3 wetikhwama letina 5 emaswidi ekhatxi.

Loku ngingakubhala kanje
 $5 + 5 + 5 = 15$
 noma $3 \times 5 = 15$



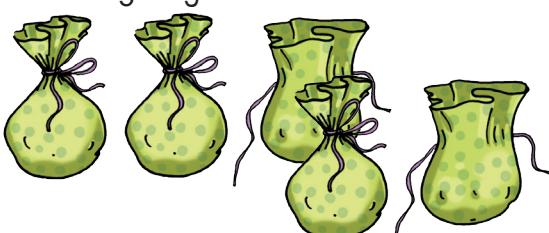
Sikhwama ngasinye sina 2 wemaswidi.



Umusho: 4 ticumbi tabo 2

Sibalo sekuhlanganisa: $2 + 2 + 2 + 2 =$ _____Sibalo sekuphindzaphindza: $4 \times 2 =$ _____

Sikhwama ngasinye lesivaliwe sina 5 wemaswidi.

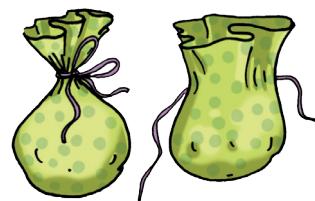


Umusho: _____

Sibalo sekuhlanganisa: _____

Sibalo sekuphindzaphindza: _____

Sikhwama ngasinye lesivaliwe sina 2 wemaswidi.

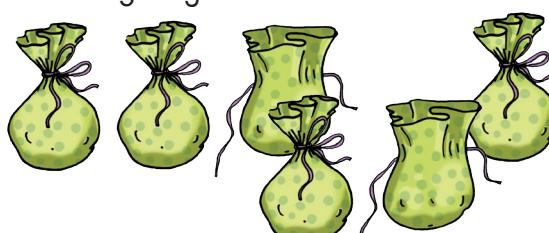


Umusho: _____

Sibalo sekuhlanganisa: _____

Sibalo sekuphindzaphindza: _____

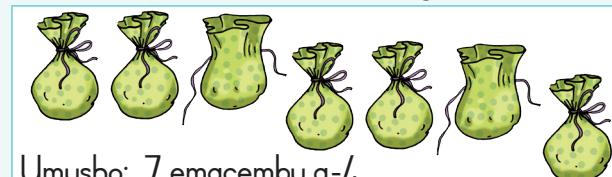
Sikhwama ngasinye lesivaliwe sina 5 wemaswidi.



Umusho: _____

Sibalo sekuhlanganisa: _____

Sibalo sekuphindzaphindza: _____

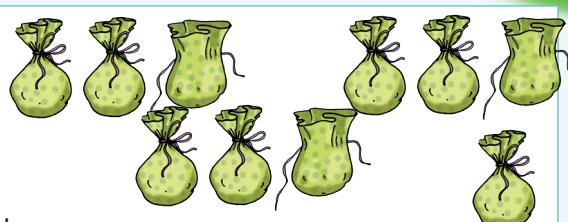


Umusho: 7 emacembu a-4

Sibalo sekuhlanganisa:

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

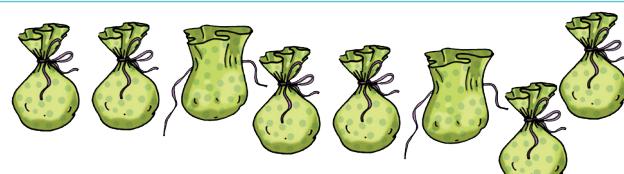
$$\text{Sibalo sekuphindzaphindza: } 7 \times 4 = 28$$



Umusho: _____

Sibalo sekuhlanganisa: _____

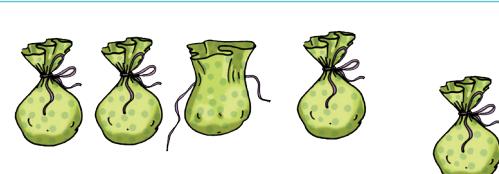
$$\text{Sibalo sekuphindzaphindza: } _____$$



Umusho: _____

Sibalo sekuhlanganisa: _____

$$\text{Sibalo sekuphindzaphindza: } _____$$



Umusho: _____

Sibalo sekuhlanganisa: _____

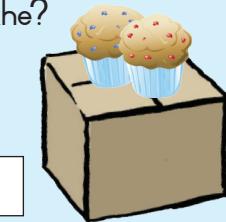
$$\text{Sibalo sekuphindzaphindza: } _____$$



Cedzela lelithebula lekuphindzaphindza.

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

Nginemabhokisi lasihlanu lanemabhanisi lamabili libhokisi ngalinye. Mangaki emabhanisi lakhona sekawonkhe?



Nginemabhokisi lamane lanemakhekhana lasihlanu libhokisi ngalinye. Mangaki emakhekhana lakhona sekawonkhe?



Nginemabhokisi lamatsatfu lanemadonathi lamane libhokisi ngalinye. Mangaki emadonathi lakhona sekawonkhe?







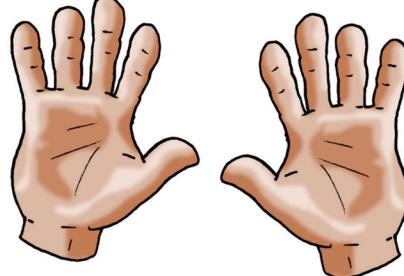
Lusuku:

Phindzaphindza nga 5

Lunyawo lunye luna 5 wetintwane.



Sandla sinye sina 5 weminwe.

Litsini linani selilonkhe letintwane? Litsini linani selilonkhe leminwe? 

Cedzela loku lokulandzelako:

×

=



×

=

Tintwane
elunyaweni
lunyeIminwe
esandleni
sinye

Tandla



×

=



×

=

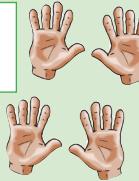
Tintwane
elunyaweni
lunyeIminwe
esandleni
sinye

Tandla



×

=



×

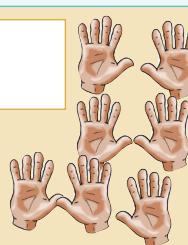
Tintwane
elunyaweni
lunyeIminwe
esandleni
sinye

Tandla



×

=



×

Iminwe
esandleni
sinye

Tandla



Cedzela loku lokulandzelako:

5	10	15						
50	45	40						



Cedzela loku lokulandzelako:

$5 \times$ = <input type="text"/> emahhabhula	$4 \times$ = <input type="text"/> bobbanana
$6 \times$ = <input type="text"/> bobbanana	$7 \times$ = <input type="text"/> emahhabhula



Cedzela loku lokulandzelako:

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

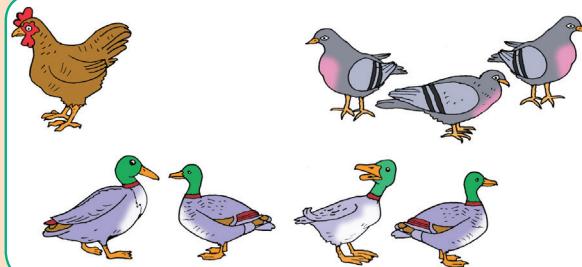




Lusuku:

Kuphindzaphindza

Tonkhe tinyoni
tinetinyawo leti 2.



Tonkhe tinyoni
tinetimphiko leti 2.

Litsini linani letinyawo
setitonkhe kulesitfombe?



Buka lesitfombe ucedzele loku lokulandzelako.

ematuba



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

Linani lematuba Tinyawo inyoni ngayinye

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

Linani lematuba Tinyawo inyoni ngayinye

emadada



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

Linani lemadda Tinyawo inyoni ngayinye

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

Linani lemadda Tinyawo inyoni ngayinye



Cedzela loku lokulandzelako:

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



Cedzela loku lokulandzelako:

5 × = <input type="text"/> emahhabhula	4 × = <input type="text"/> bobbanana
6 × = <input type="text"/> bobbanana	7 × = <input type="text"/> emahhabhula



Cedzela loku lokulandzelako:

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

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

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

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

$$= 20 + 4$$

$$= 24$$



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

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

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

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

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

$$= \boxed{}$$



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

noma

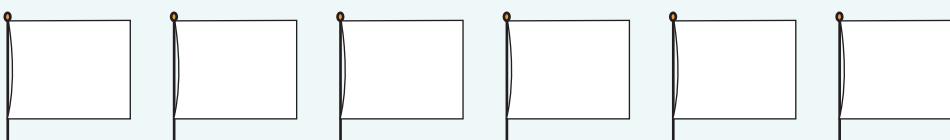
$$4 \times 2 = 8$$

noma

Lolu luhawu
Iwekwehlukanisa.

$$8 \div 2 = 4$$

Dweba 2 wetinkhanyeti kumjeka ngamunye.



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

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



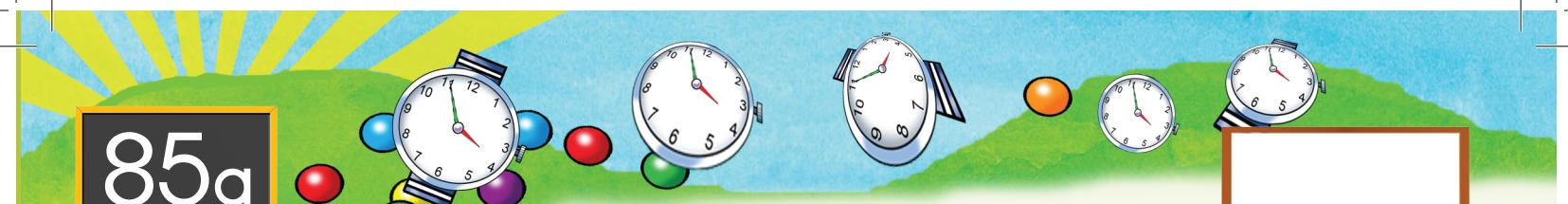
Mangaki emabhuloki kuletibhelekeca taboshokholethi?

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

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



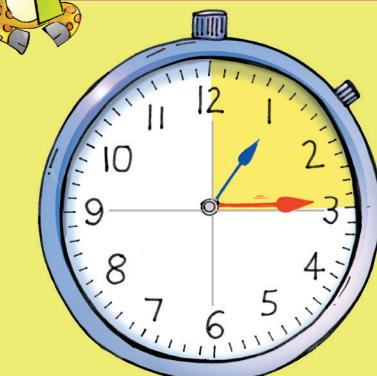
85a



Ithemu 3



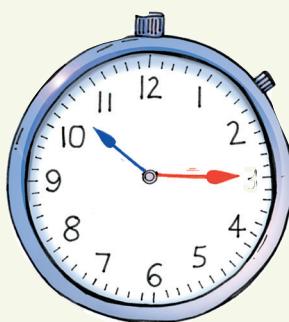
Coca ngeliwashi.



Lutsi lolufisha lusandza kwengca yekucala.
Lutsi loludze lume etu kwemizuzu lelishumi nesihlanu.
Sitsi ngukota phasi I.
Sisho kutsi yikota yeli-awa (15 imizuzu) emva
kweli-awa lekucala.



Ngubani sikhatsi?

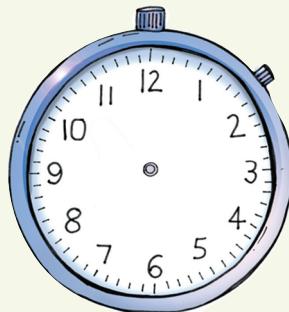


Lutsi lolufisha lusandza kwengca _____.
Lutsi loludze lume etu kwa _____ wimizuzu.
Sitsi ngu _____ phasi _____.

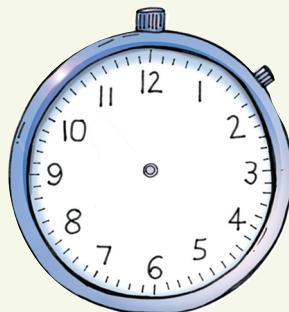


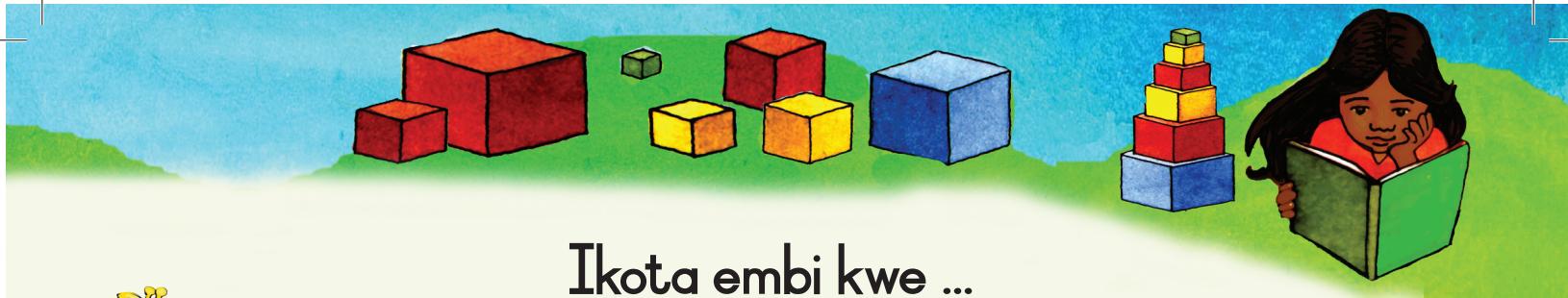
Dvweba lutsi loludze nelutsi lolufisha.

Kota phasi 8.



Kota phasi 3.





Ikota embi kwe ...



Coca ngeliwashi.



Lutsi lolufisha lume nje embi kwe yesitsatfu.

Lutsi loludze lume etu kwemashumi lamane nesihlanu emizuzu.

Sitsi yikota embi kwe yesitsatfu.

Sisho kutsi yikota yeli-awa

(15 imizuzu) embi kweli-awa lesi 3tfu.



Ngubani sikhatsi?



Lutsi lolufisha lume embi kwe _____.

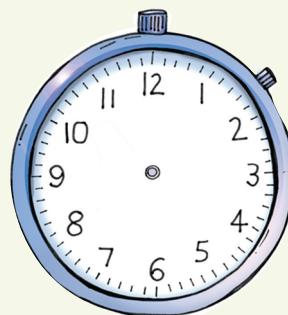
Lutsi loludze lume etukwa _____ wemizuzu.

Sitsi ngu _____ embi kwe _____.

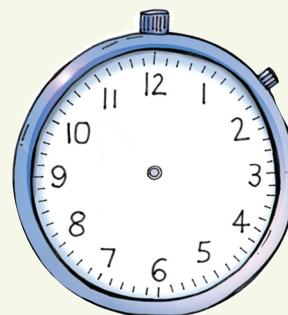


Dwweba lutsi loludze nelutsi lolufisha.

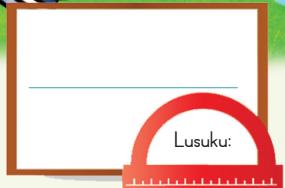
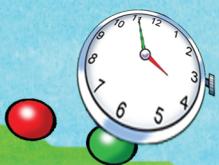
Kota phasi 4.



Kota phasi 8.

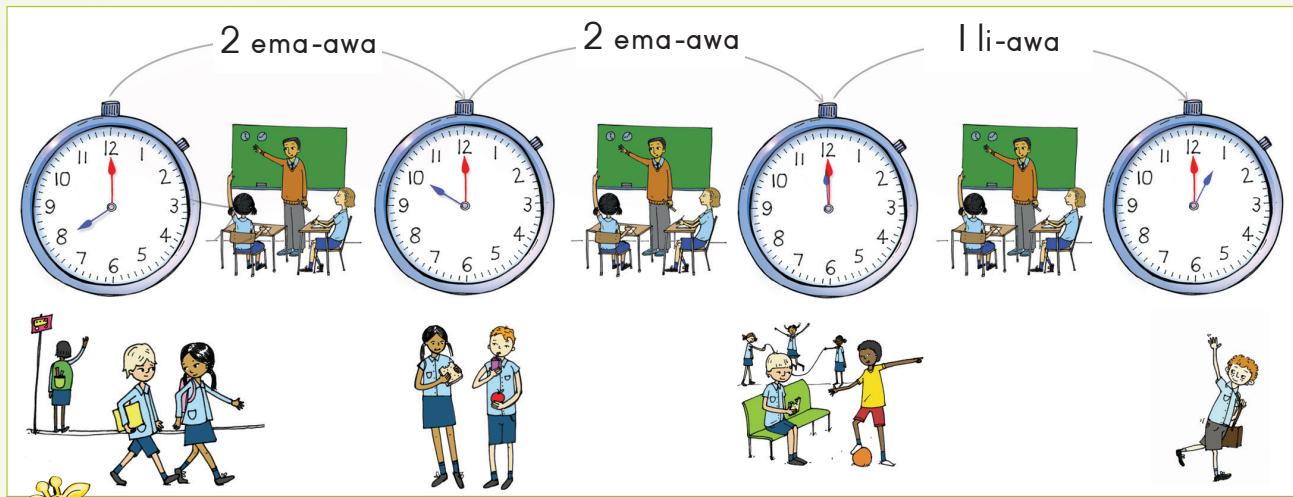


85b



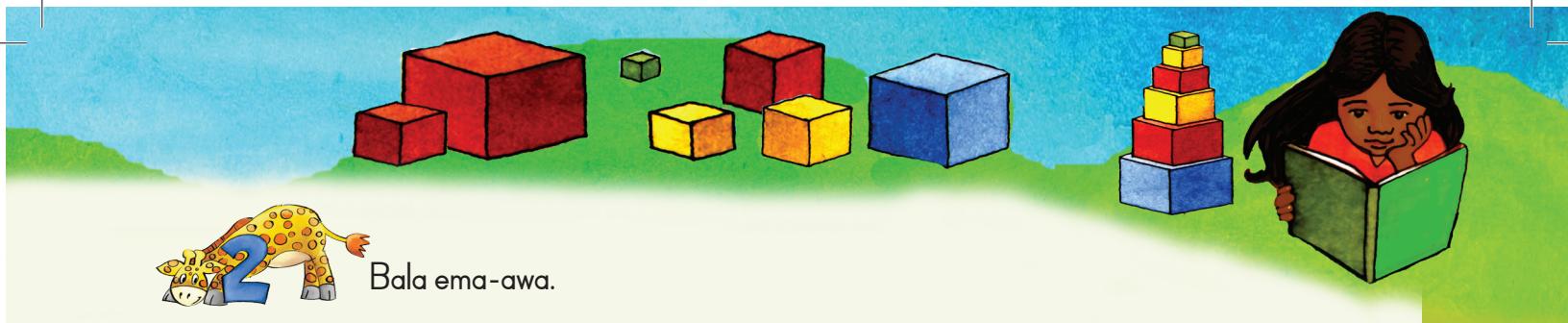
Ithemu 3

Sikhatsi siyahamba



Kutsetse sikhatsi lesinganani kucedzela lomsebenti?





Bala ema-awa.

Mangaki ema-awa kusuka ku 4 enhloko kuya ku 7 enhloko? _____

Mangaki ema-awa kusuka ku 8 enhloko kuya ku 12 enhloko? _____

Mangaki ema-awa kusuka ku 1 enhloko kuya ku 8 enhloko? _____

Mangaki ema-awa kusuka ku 5 enhloko kuya ku 10 enhloko? _____

Mangaki ema-awa kusuka ku 2 enhloko kuya ku 11 enhloko? _____



Dvweba sitfombe saloku:

Bongi waya ekhabo mngani wakhe nga 10 enhloko ngeMgcibelo ekuseni.

Wabuya ekhaya nga 3 enhloko emva kwemadina. Ebehambé ema-awa lamangaki?



John wahamba neyise bayowudweba. Basuka nga 4 enhloko ekuseni babuyela
ekhaya nga 10 enhloko ekuseni. Bebahambe ema-awa lamangaki?



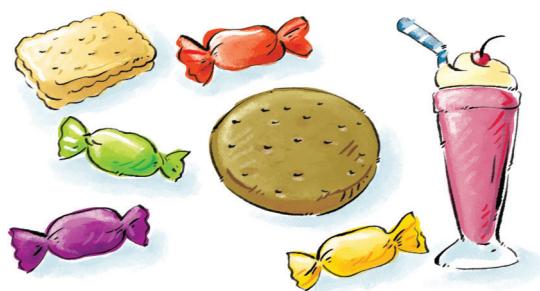


Imphindza-mbili

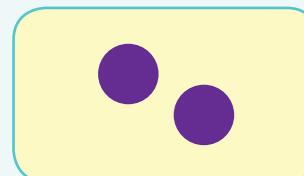
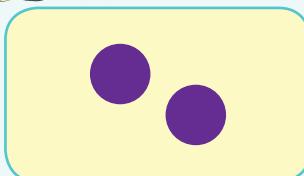
Ithemu 3



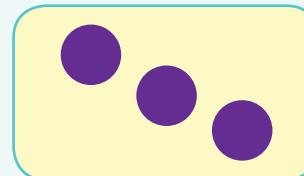
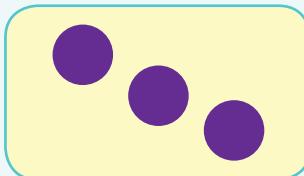
Bukisisa lesitfombe sekucala nesesibili. Yini leyentekile?



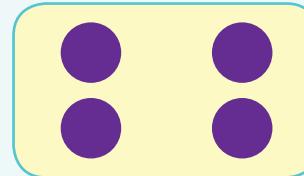
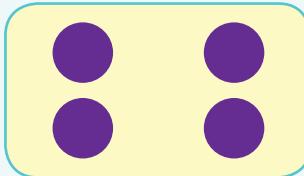
Yengeta emacashata, bese ubhala sibalo sakunye.



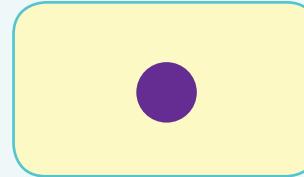
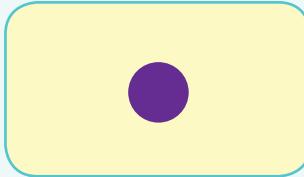
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



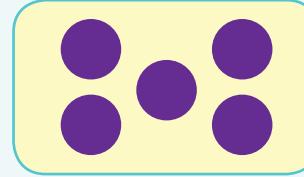
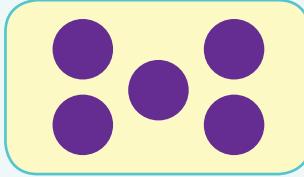
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



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



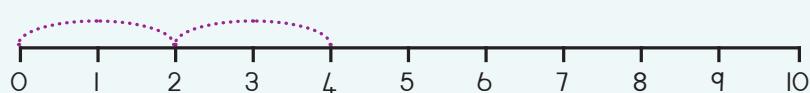
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



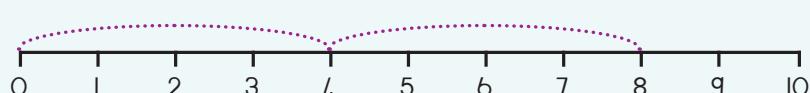
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



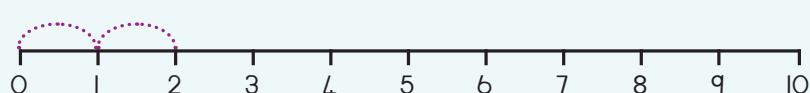
$\boxed{} + \boxed{} = \boxed{}$



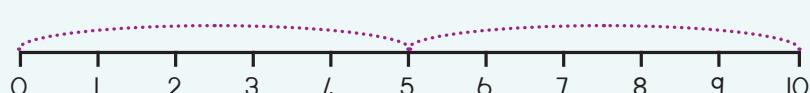
$\boxed{} + \boxed{} = \boxed{}$



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



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



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



Phindza loku lokulandzelako.

Phindza kibili 1

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

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

Phindza kibili 2

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

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

Phindza kibili 3

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

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

Phindza kibili 4

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

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

Phindza kibili 5

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

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



Teacher: _____
Sign: _____
Date: _____

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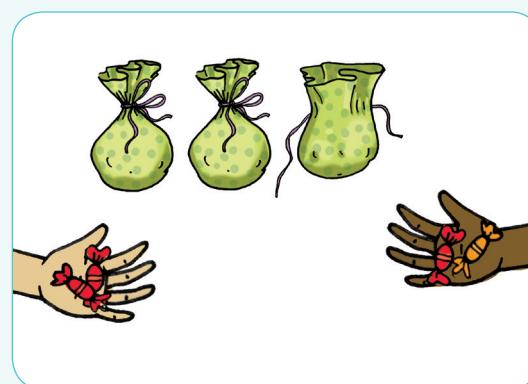


Ithemu 3

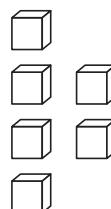


Kuphindza kabili nekuhhafula

Buka letifombe letimbili. Yenta yakakho indzaba.

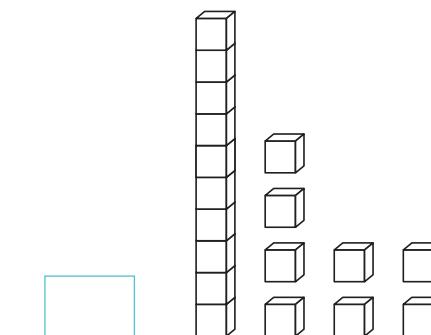


Bala letintfo bese ufaka umbala kuhhafu wato.



Bala

Bohhafu



Bala

Bohhafu



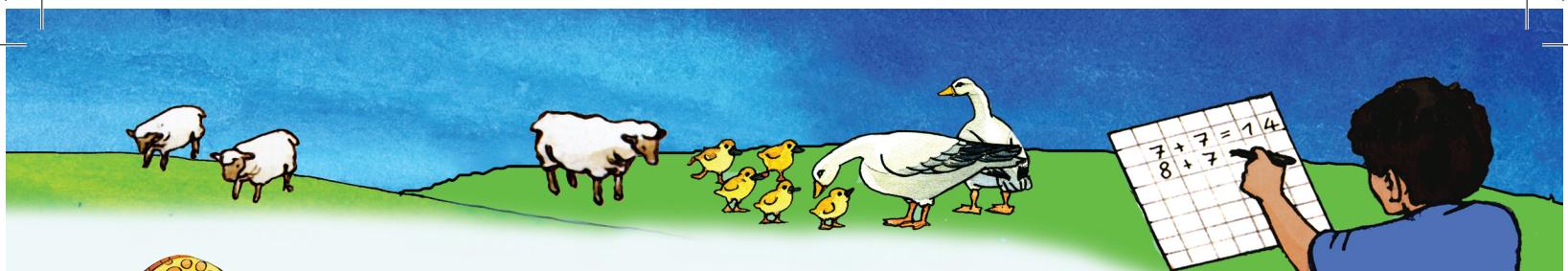
Cedzela loku lokulandzelako bese wenta umdvwebo.

Imphindza-mbili
ya 12 ngu

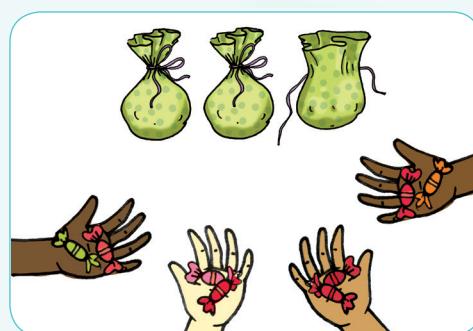
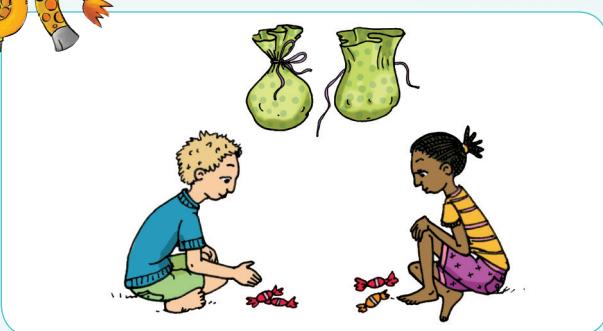
 + 

Cedzela.





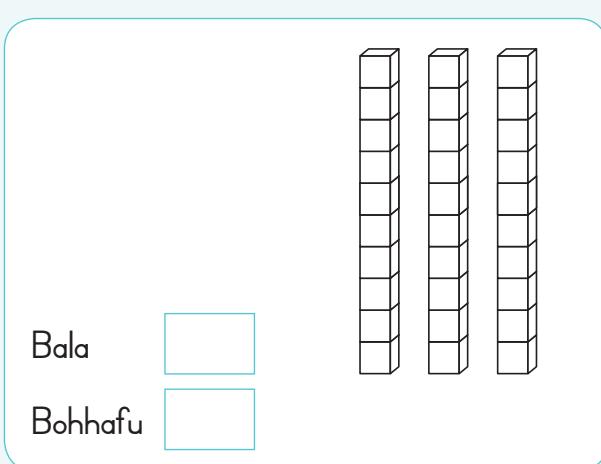
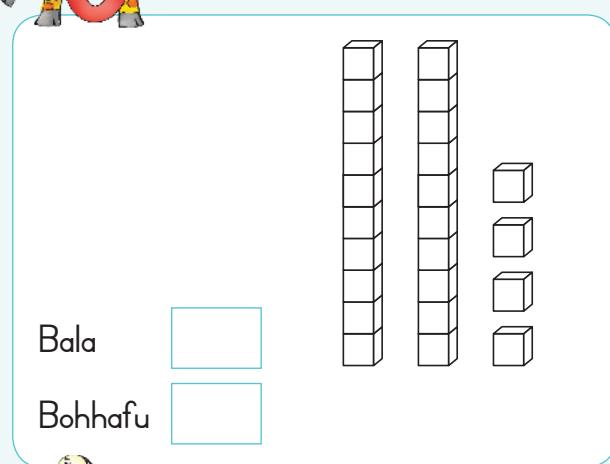
Buka letitfombe letimbili. Yenta yakakho indzaba.



Kuna 10 wemaswidi esikhwameni.



Bala letintfo bese ufaka umbala kuhhafu wato.



Cedzela loku lokulandzelako bese wenta umdvwebo.



Cedzela.

34				36	40
		22		19	



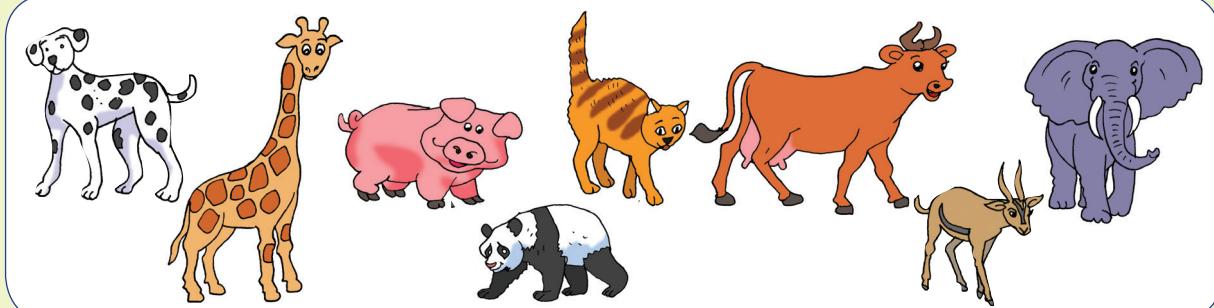


Lusuku:

Siyachubeka ngekuphindhaphindza

Tonkhe letilwane tinemilente lemi-4.

Tonkhe tilwane tinemehlo lamai-2.

Litsini linani selilonkhe
lemilente kulesitfombe? Litsini linani selilonkhe
lemadlebe kulesitfombe? 

Tinja

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

Linani letinja Imilente silwane ngasinye

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

Linani letinja Emehlo silwane ngasinye

Tilwane tasendle

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

Linani letilwane Imilente silwane ngasinye

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

Linani letilwane Emadlebe silwane ngasinye



Cedzela loku lokulandzelako:

4	8	12							
40	36	32							



Cedzela loku lokulandzelako:

5 × = <input type="text"/> emahhabhula	4 × = <input type="text"/> bobbanana
6 × = <input type="text"/> bobbanana	7 × = <input type="text"/> emahhabhula



Cedzela loku lokulandzelako:

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

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

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

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

$$= 40 + 16$$



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

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

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

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

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

$$= \boxed{}$$



Bangani lababili badlala ngemasethi lamibili elitiya. Emva kwekulalala bayawahlunga. Badzingani kuba netinombolo letifana ncwe isethi ngayinje?



Cedzela loku lokulandzelako:

6 Yaba 19 wetimabula ngekulingana emkhatsini wa 4 webantfwana.

Umntfwana ngamunye utfola

Umsalela

Yaba 22 wemapeniseli ngekulingana emkhatsini wa 4 webantfwana.

Umntfwana ngamunye utfola

Umsalela



Dwewba titfombe kukhombisa timphendvulo takho.

7 Yaba 23 wetincwadzi emkhatsini wa 4 webantfwana.

Umntfwana ngamunye utfola

Umsalela

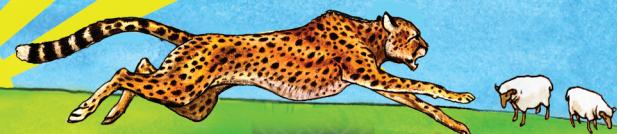
Yaba 15 wetincwadzi emkhatsini wa 4 webantfwana.

Umntfwana ngamunye utfola

Umsalela



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Emaphethini etinombolo

Lusuku:

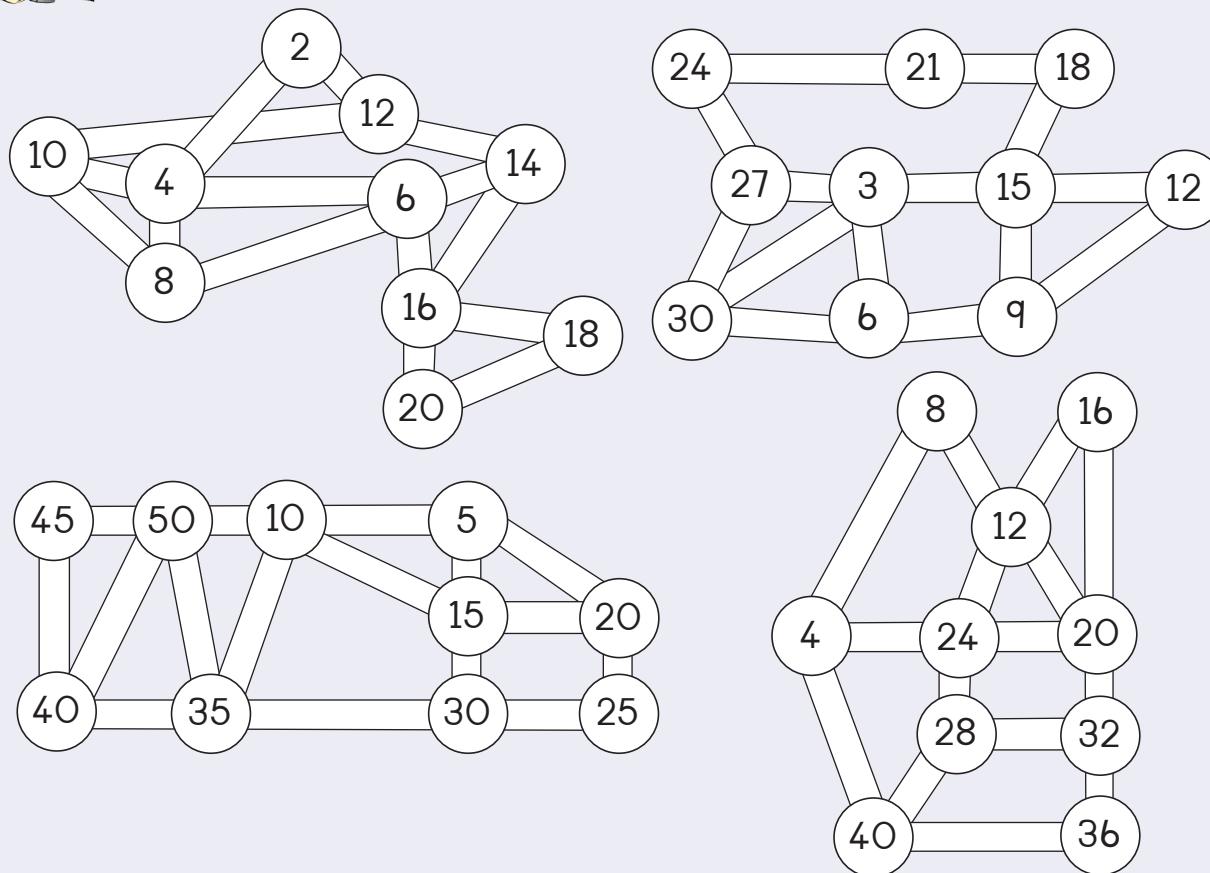
Ithemu 3



Itaba yini inombolo ekhasini lelilandzelaka?



Tfola lephethini. Dwewebā lendlela, ucale ngenombolo lencane kakhulu.





Dwweba tintsi emawashini ucedzele iphethini yetikhatsi.

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



90

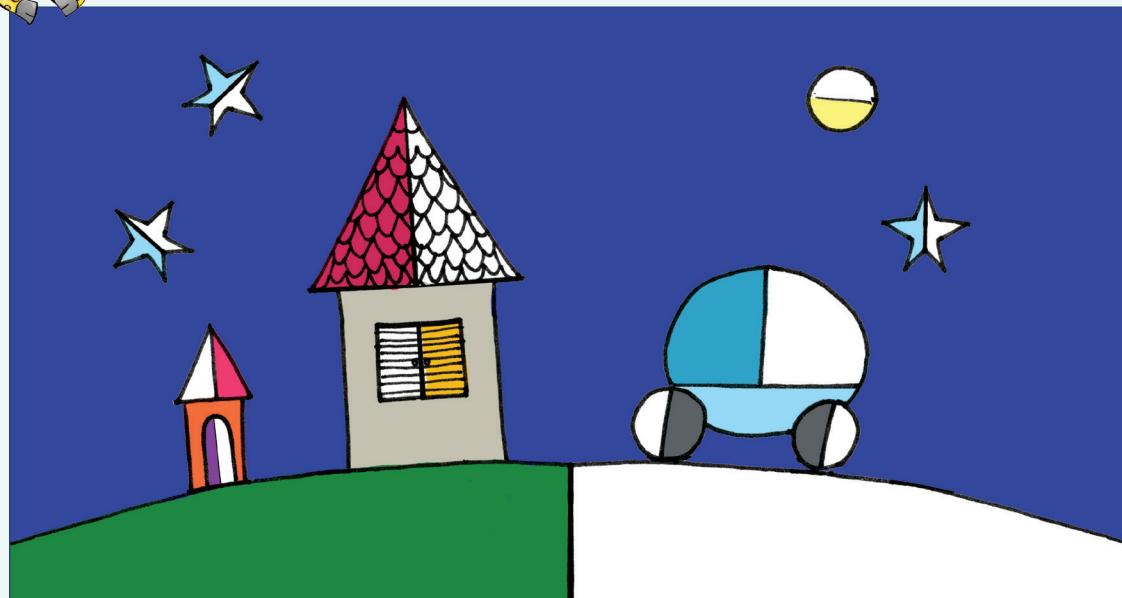


Emafrakishini – bohhafu

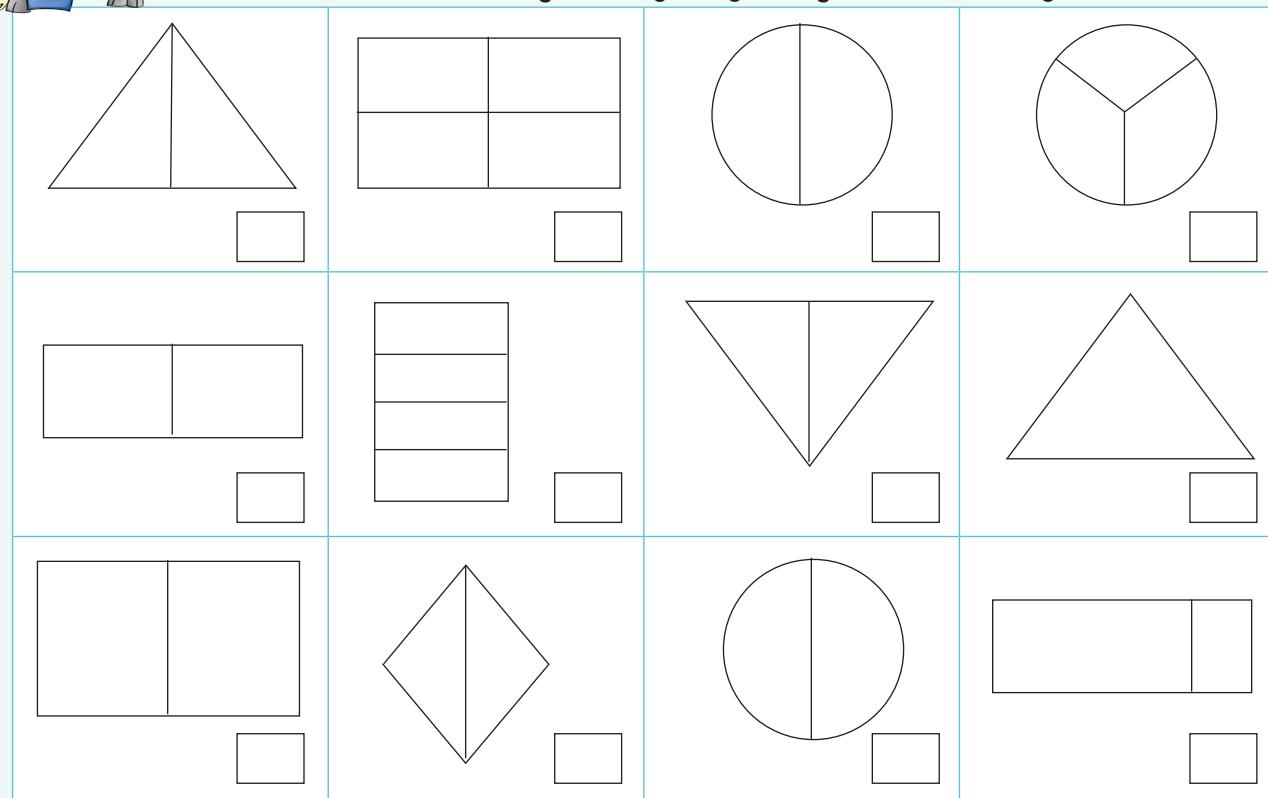
Ithemu 3



Buka lesitfombe. Faka umbala munye kubohhafu ngabanye.

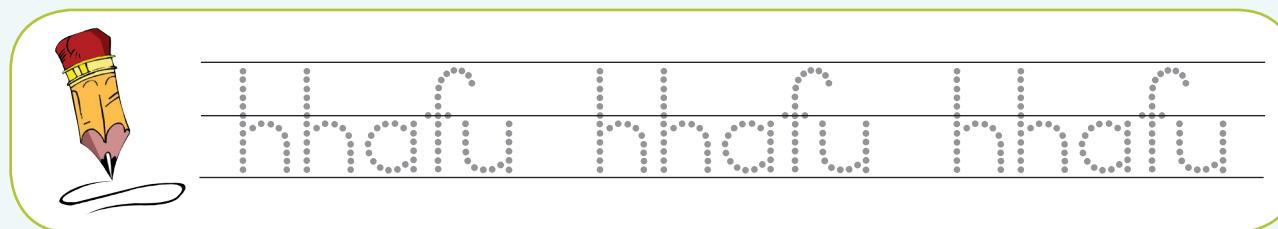
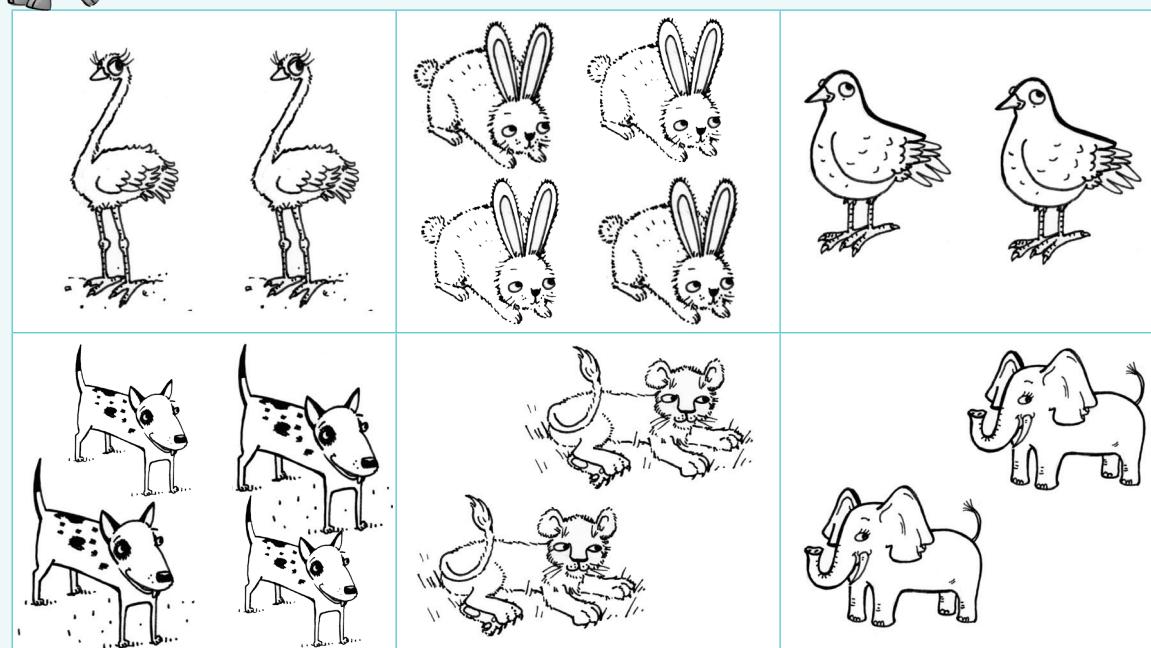


Buka lesitfombe. Faka lumphawu ✓ kulabobunjwa labakhombisa bohhafu.
Faka umbala kuhhafu munye wabunjwa ngamunye lohlukaniswe ngabohhafu.





Faka umbala kuhhafu ngamunye kulabobunjwa.



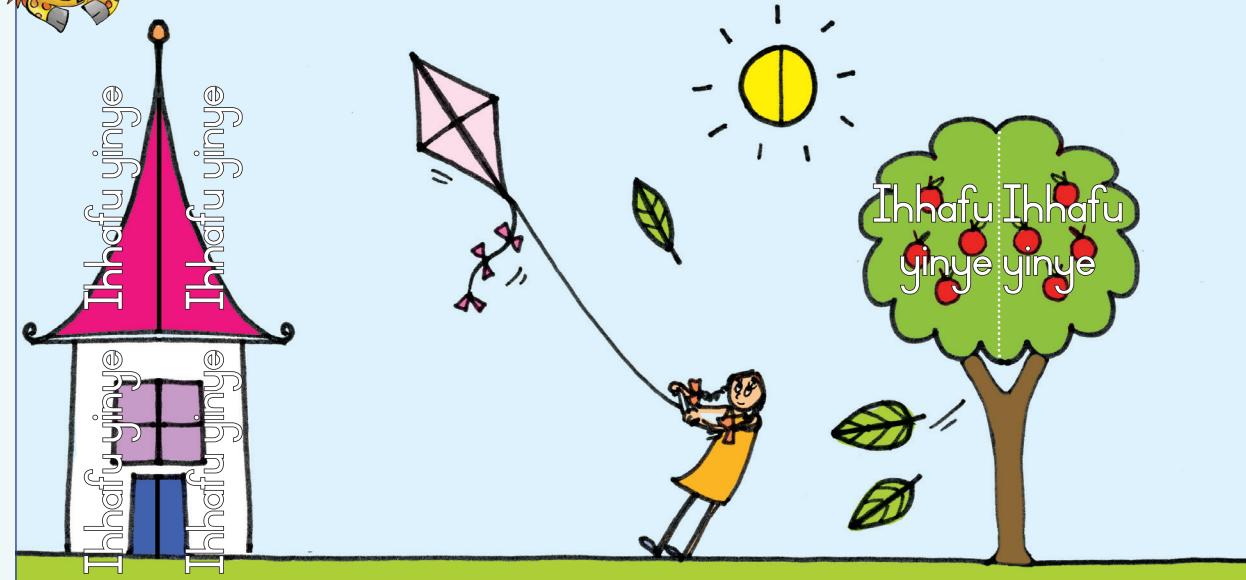
q

Emafrakishini – siyachubeka ngekuphindzaphindza

Lusuku:

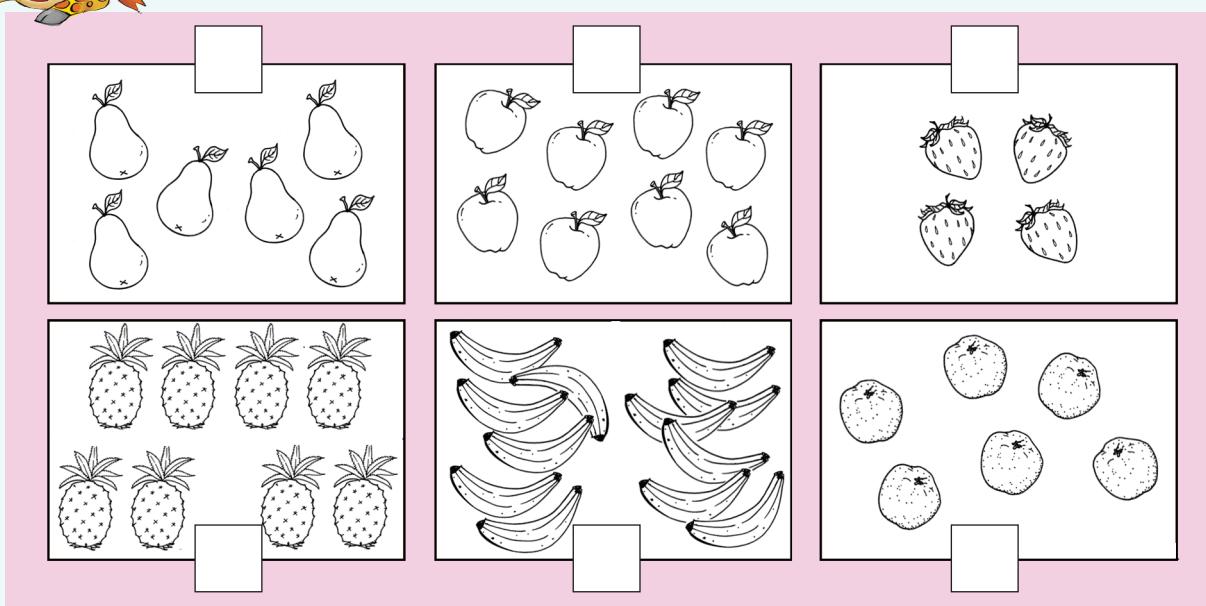
Ithemu 3

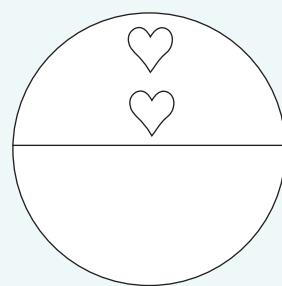
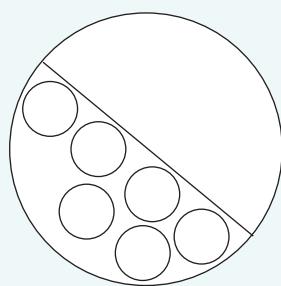
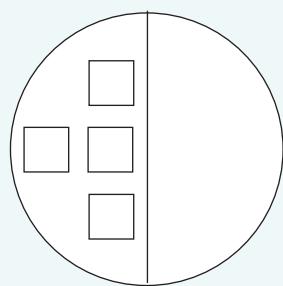
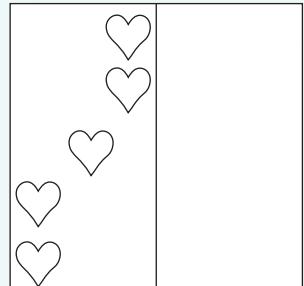
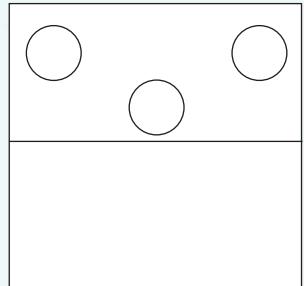
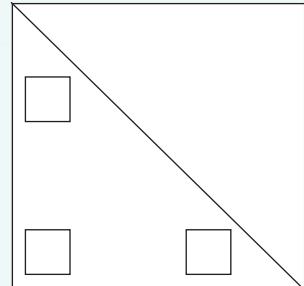
Buka lesitfombe. Usho kutsini ihhafu yinye?



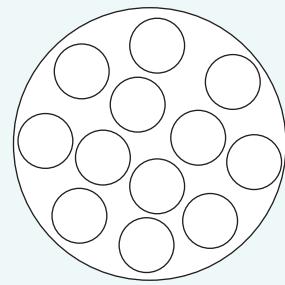
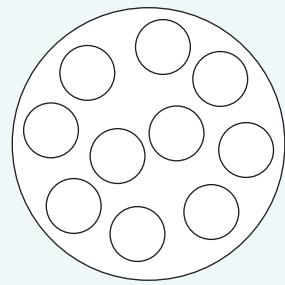
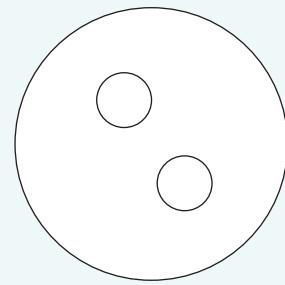
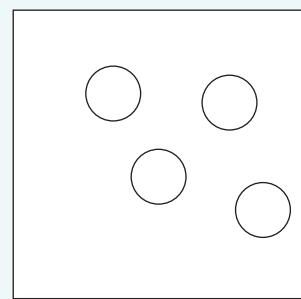
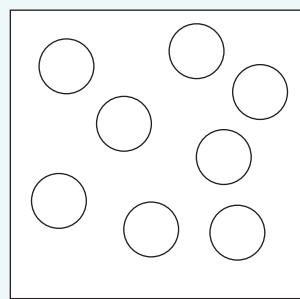
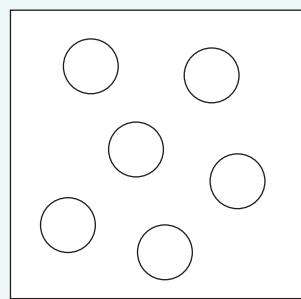
2 Ihhafu yinye yemahhabhula esihlahleni ngu .

3 Faka umbala kuhhafu wesitselo esibayeni ngasinye.
Uyini hhafu welinani letitselo esibayeni ngasinye?





Faka umbala kuhhafu wabobunjwa.

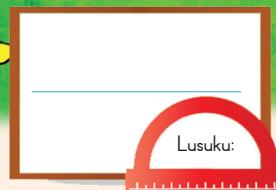


hhafu hhafu hhafu



Teacher:
Sign:
Date:

q2



Lusuku:

Sikhundla nelicala

Ithemu 3

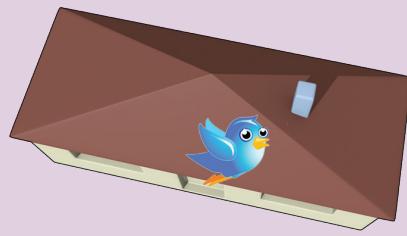
Ime kuphi lenyoni? Lamagama atakusita.



Licala langembili lesakhiwo.



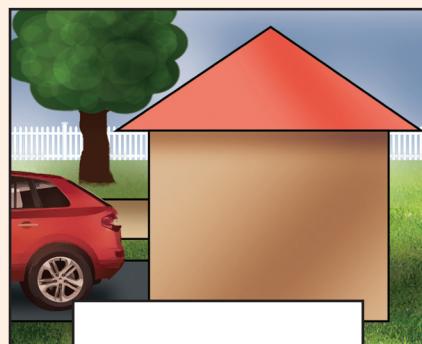
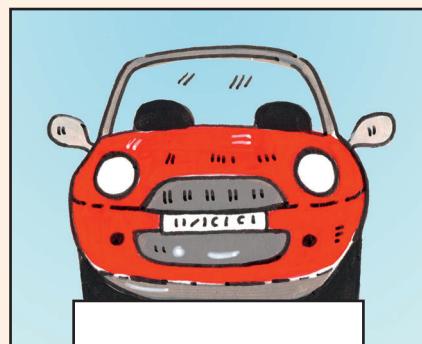
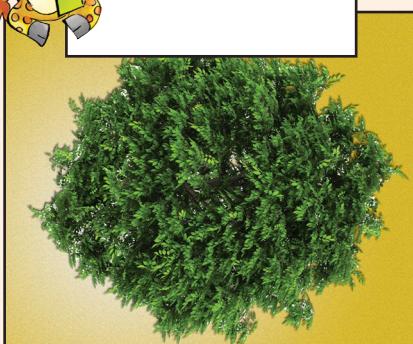
Licala laseceleni lesakhiwo.



Licala langetulu lesakhiwo.



Lomuntfu bekeme kuphi nakabona loku?

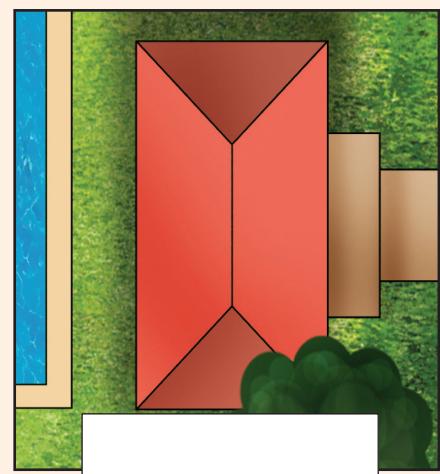
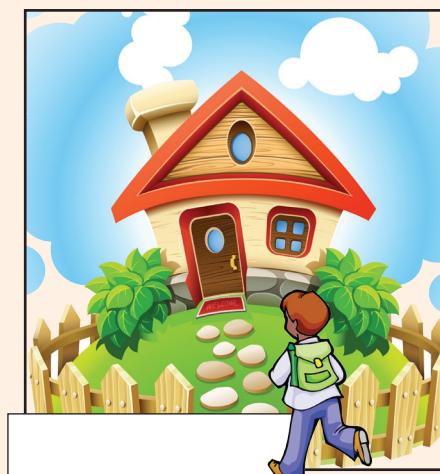
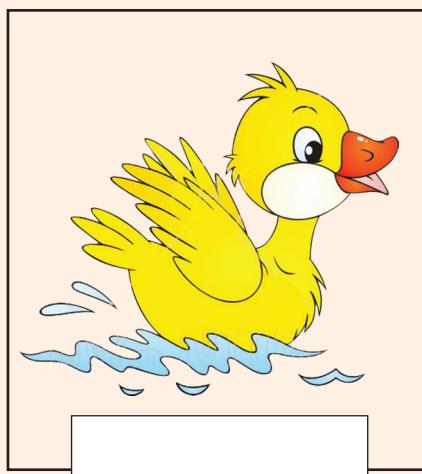


Bhala lamagama esitfombeni. Ubonani lomuntfu?

licala langembili

licala langetulu

licala laseceleni

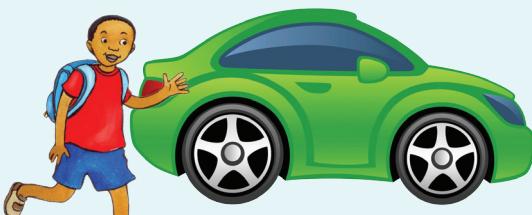




Shano kutsi ngabe lemoto isedvute noma
ikhashane nemfana.



Dweba sihlahlala madvute nakudze nalentfombatana.



madvute



Yenta lomsebenti:

- Buka noma ngutiphi tintfo ngemehlo omabili. Ubonani?
- Vala linye liso ngesandla sinye nyalo-ke ubonani?



kudze



11

12

13

14

15

16

17

18

19

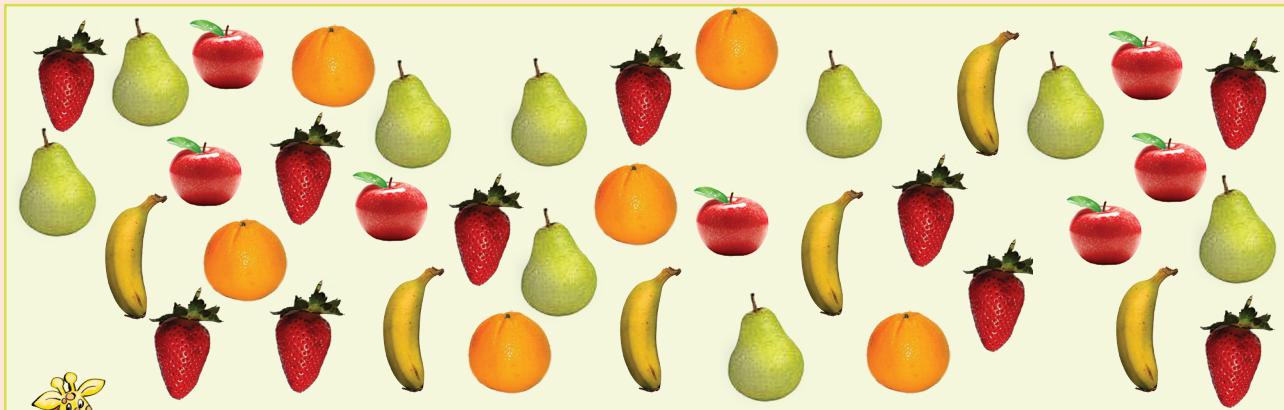
20

q3

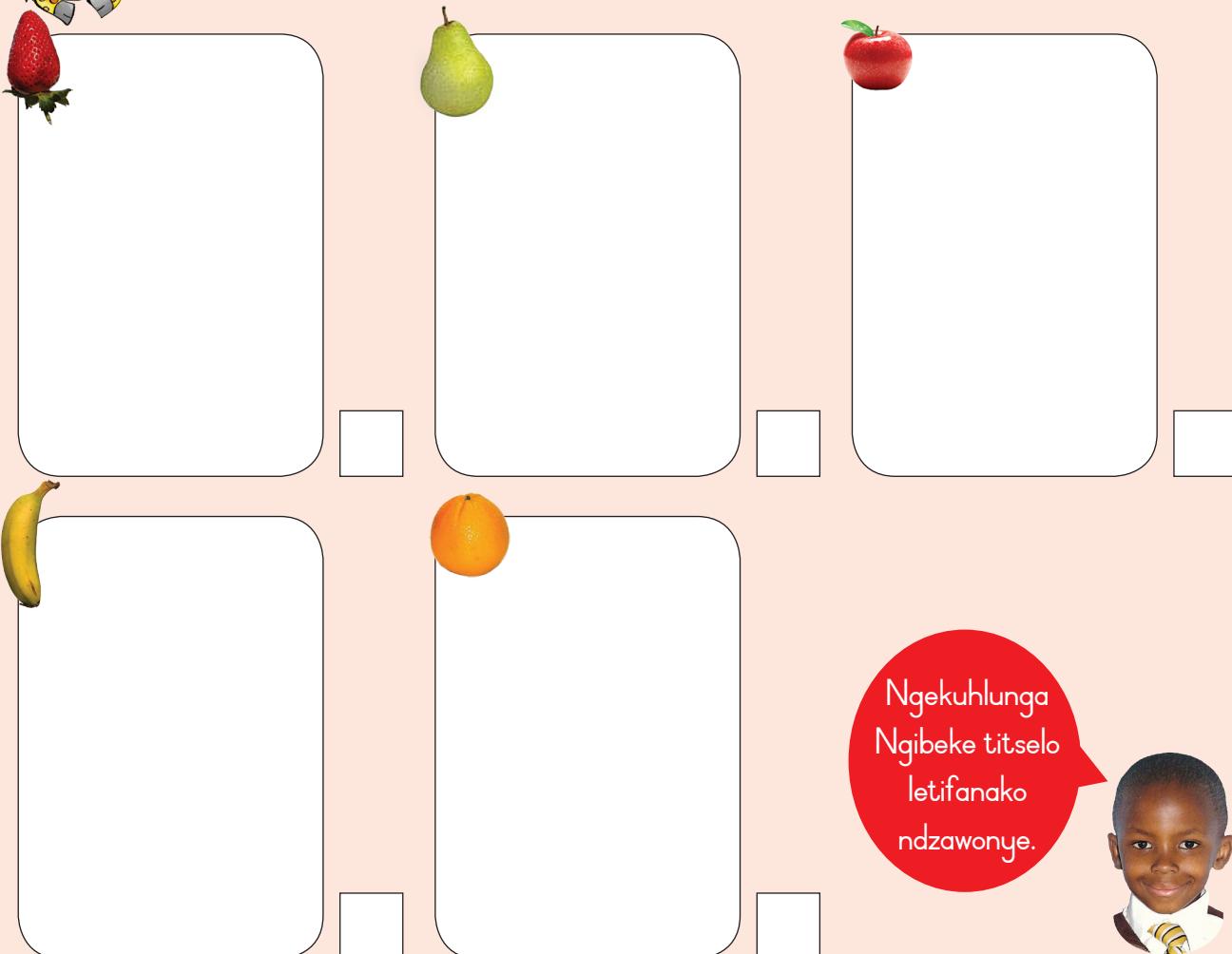


Imininingwane siyachubeka futsi

Ithemu 3



Hlunga uholele letitselo. Yenta wakho umdvwebo kukhombisa loku.
Bhala samba (ithothali) ebhokisini.





Dvweba sitfombe-mdvwebo saletitselo letihlungekile.

INKHOMBA:





Buka letitselo bese uphendvula lemibuto.

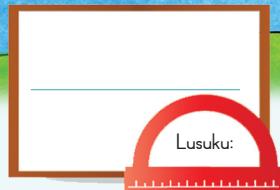
Phendvula lemibuto:

Ngusiphi sitselo lesinaso kakhudlwana?

Ngusiphi sitselo lesinaso kancane?



q4a



Lusuku:

Ithemu 3

Emafrakishini – emakota



Faka umbala lofanako ekoten i yekugcina.



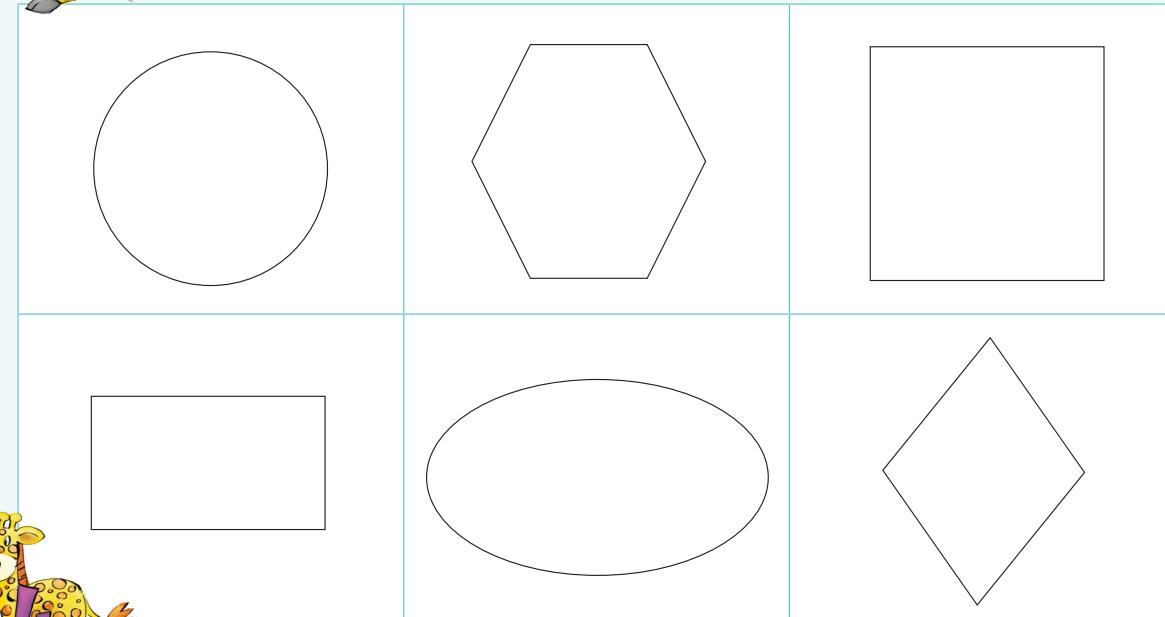
Faka lumphawu (✓) kulabobunjwa labakhombisa emakota.

Faka umbala ekoten i yinge yabunjwa ngamunye lohlukaniswe ngemakota.

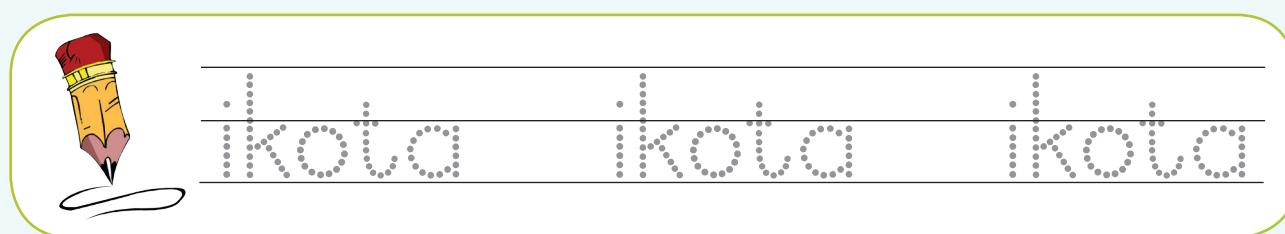
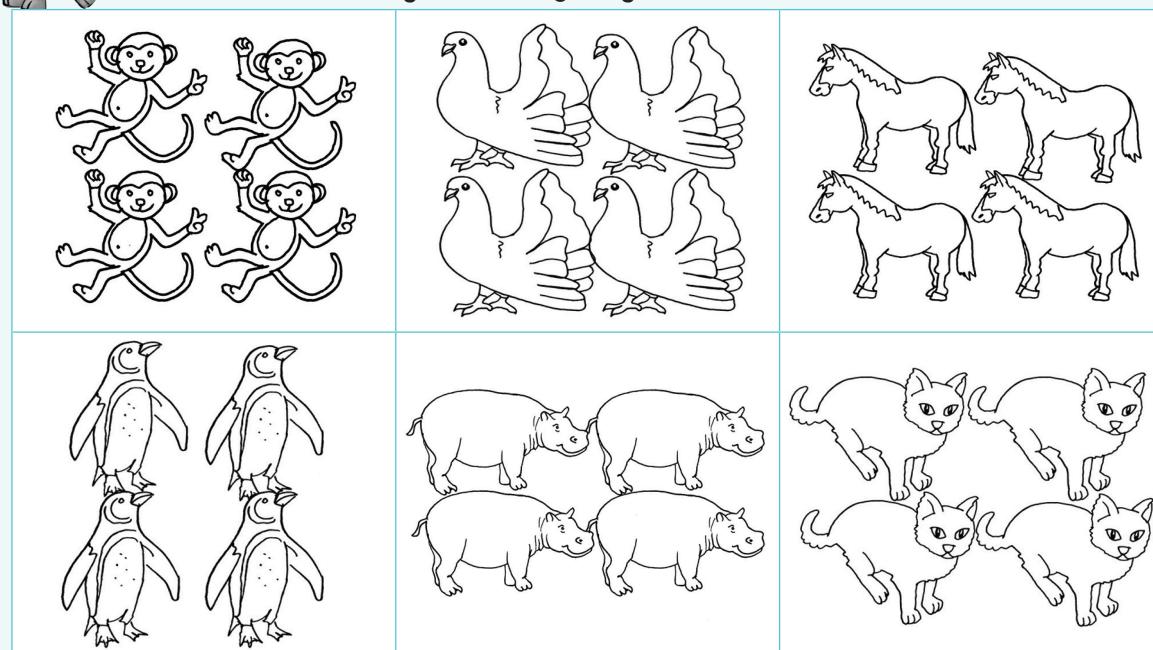
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Faka umbala ekoteni yabunjwa ngamunye.

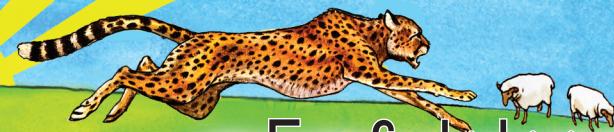


Faka umbala ekoteni yesicumbi ngasinye setilwane.



Teacher: _____
Sign: _____
Date: _____

94b



Emafrakishini –

siyachubeka ngemakota

Lusuku:

Ithemu 3



Faka umbala lofanako ekoten i yekugcina.



Phendvula lemibuto lelandzelako:

ikota yinye yemapheya esihlahleni ngu _____.

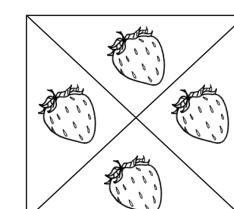
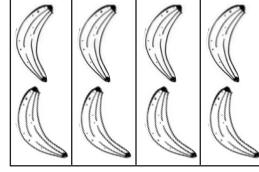
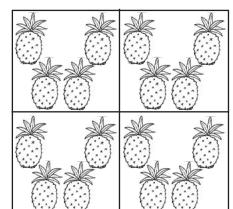
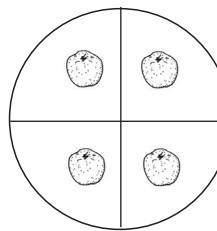
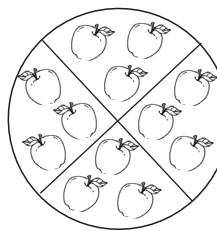
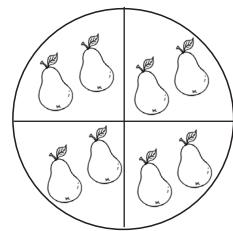
ikota yinye yemahhabhula esihlahleni ngu _____.

ikota yinye yema-orintji esihlahleni ngu _____.



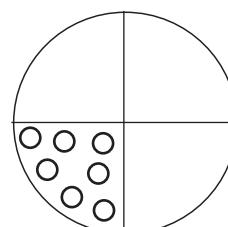
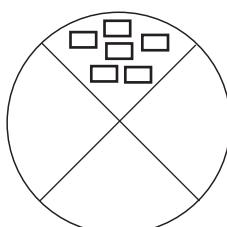
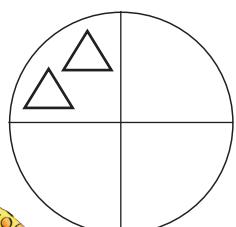
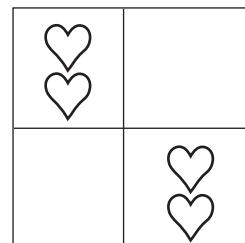
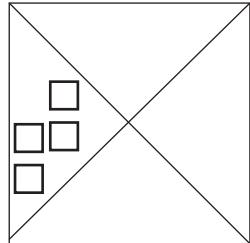
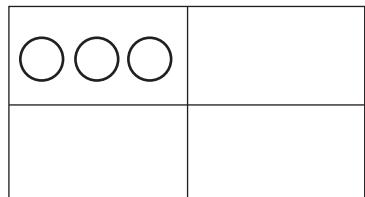
Faka umbala kukota yinye yesitselo kulelo nalelo cembu.

Iyini ikota yelinani letitselo esicumbini ngasinye?

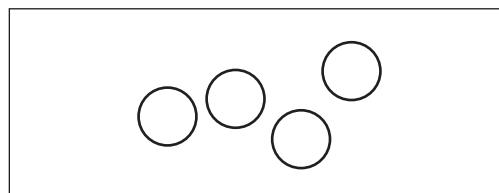
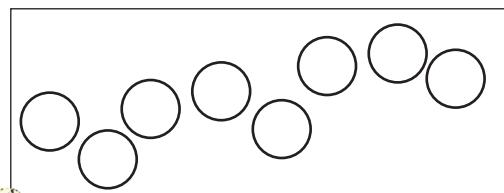




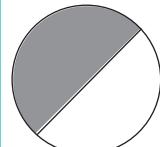
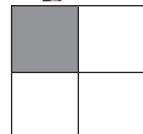
Dvweba bobunjwa labanye kwenta ikota ngayinye
ilingane nalamanye.



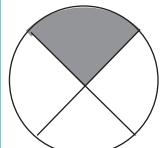
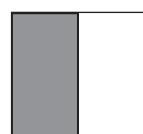
Khombisa ikota yinye yabunjwa ngamunye.



Nguyiphi lenkhudlwana? Faka lumphawu (✓) emphendvulweni lengiyo.



ihhafu yinye



ikota yinye



ikota emakota

Teacher: _____
Sign: _____
Date: _____

q5



Emaphethini

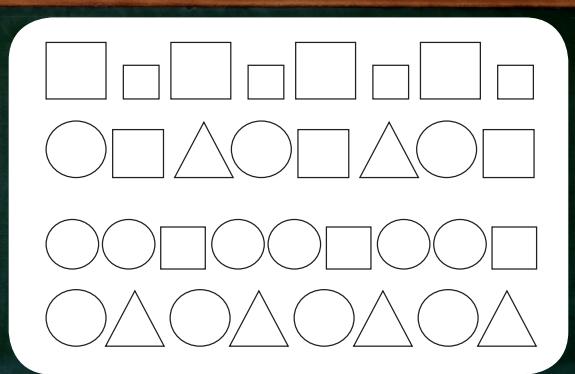
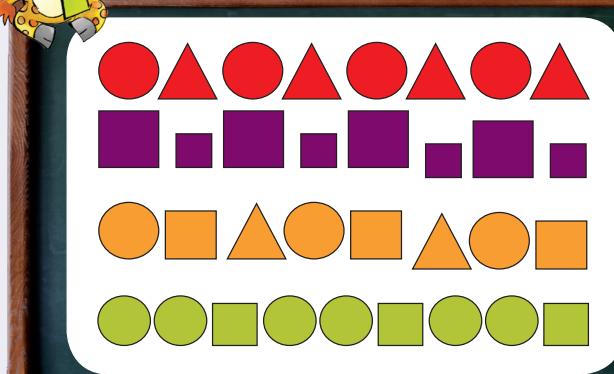


Lusuku:

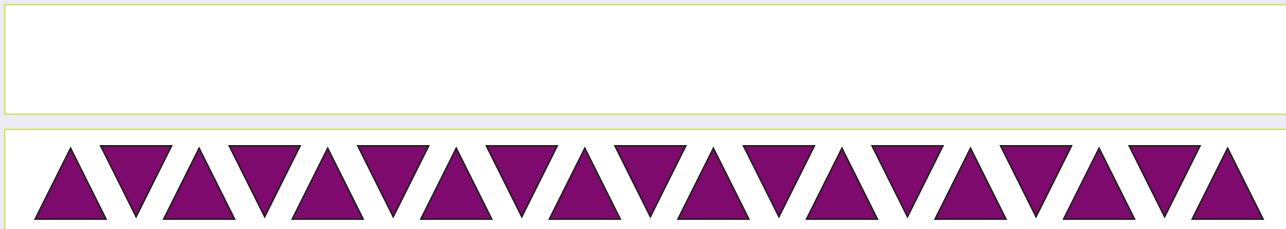
Itthemu 3

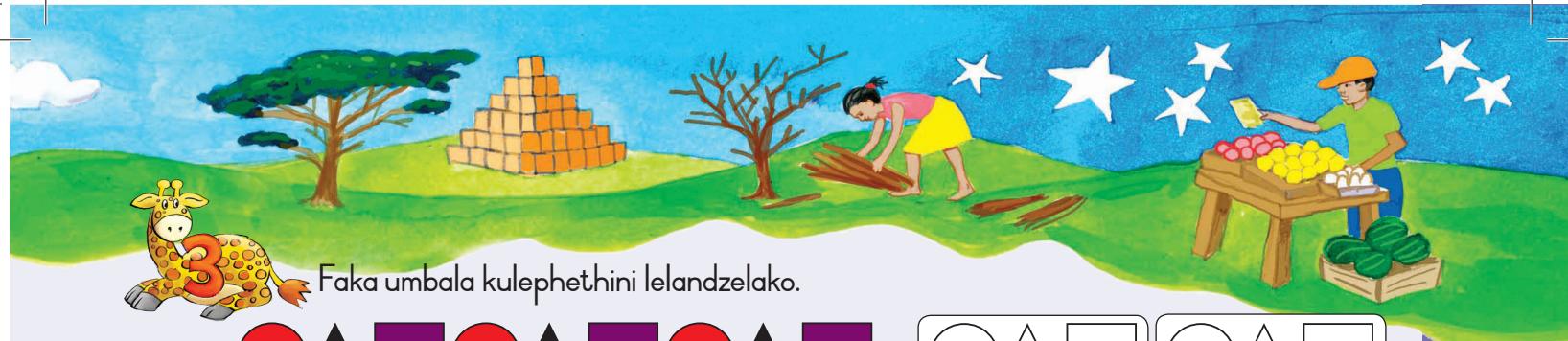


Condzanisa lephethini.

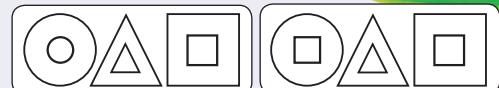


Kopa lephethini lelandzelako.





Faka umbala kulephethini lelandzelako.

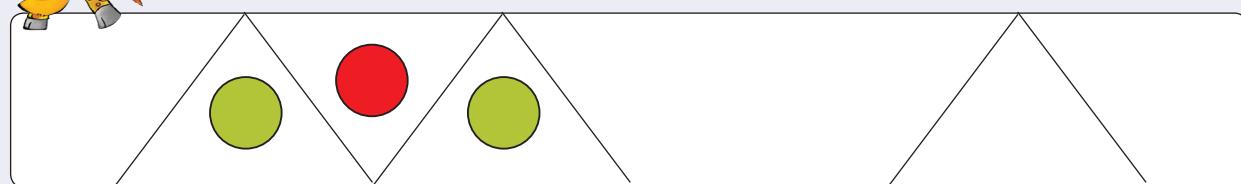


Dvweba iphethini lelandzelako.

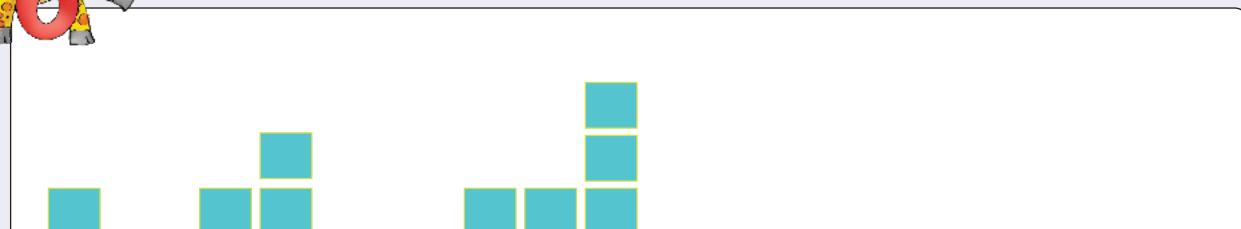




Chubekisa lephethini.



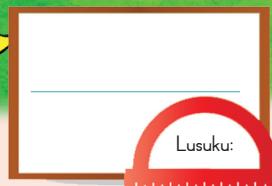
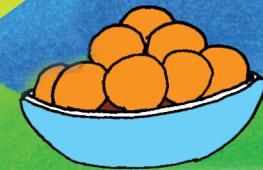
Dvweba iphethini lelandzelako.



Dvweba yakakho iphethini.

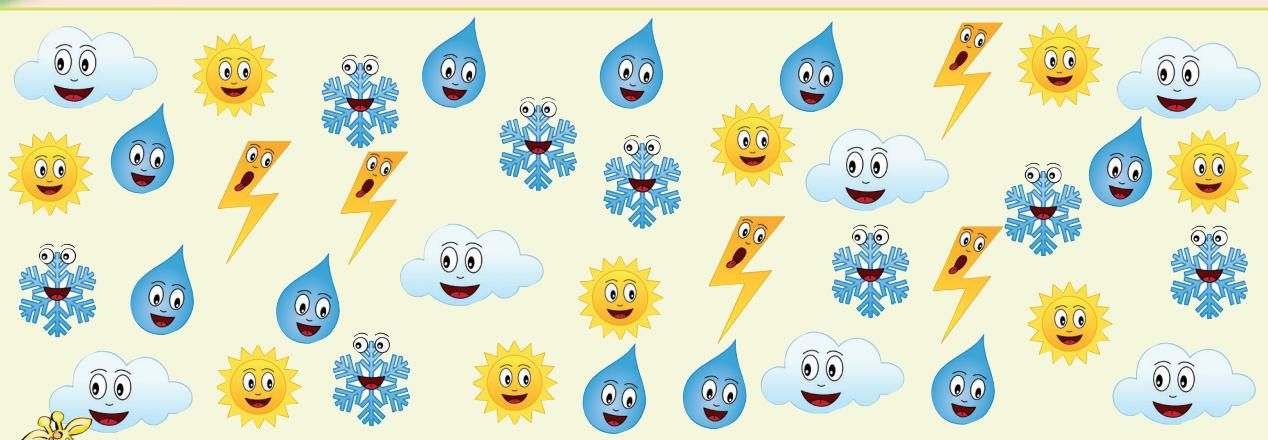


qb

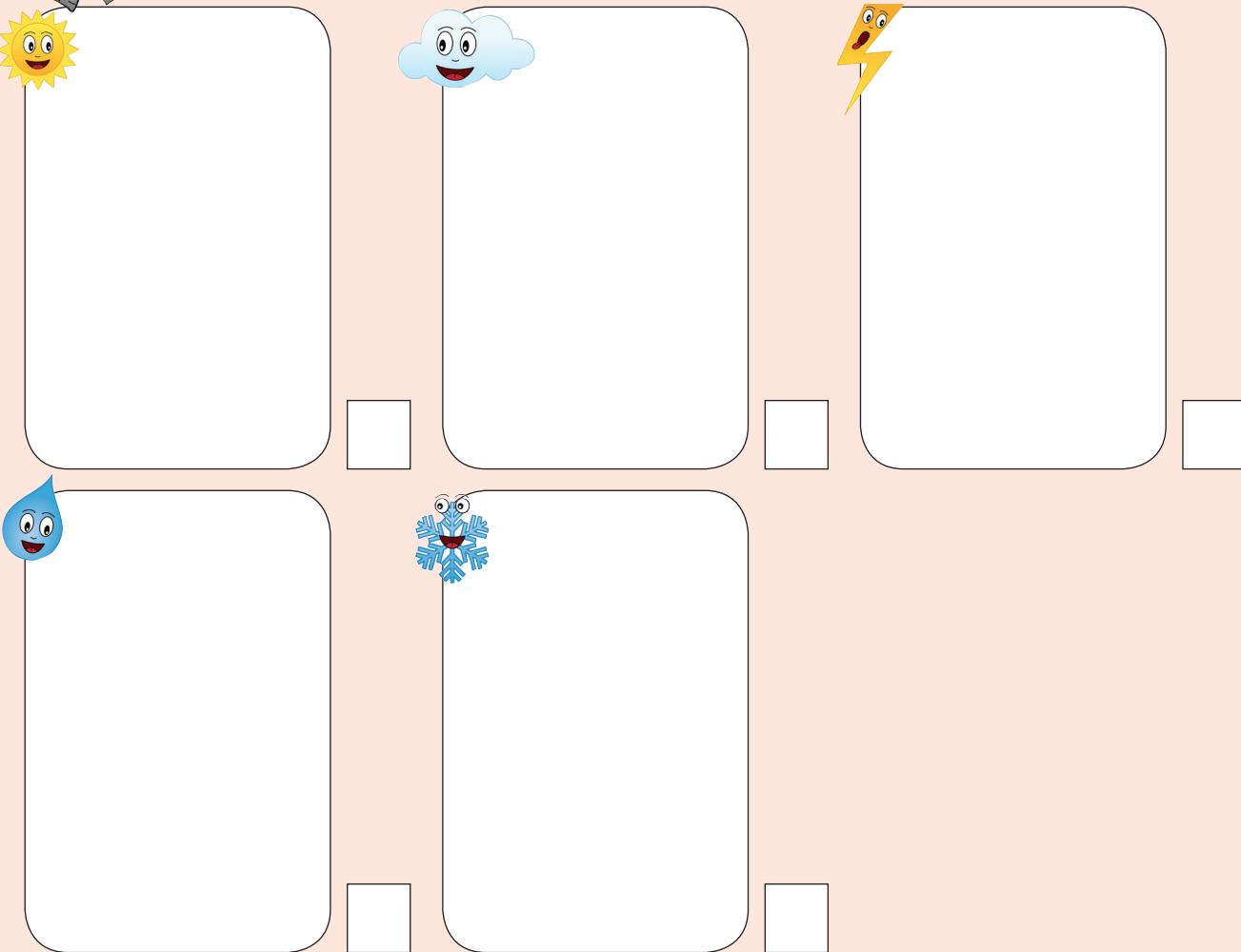


Ithemu 3

Kuhlunga imininingwane



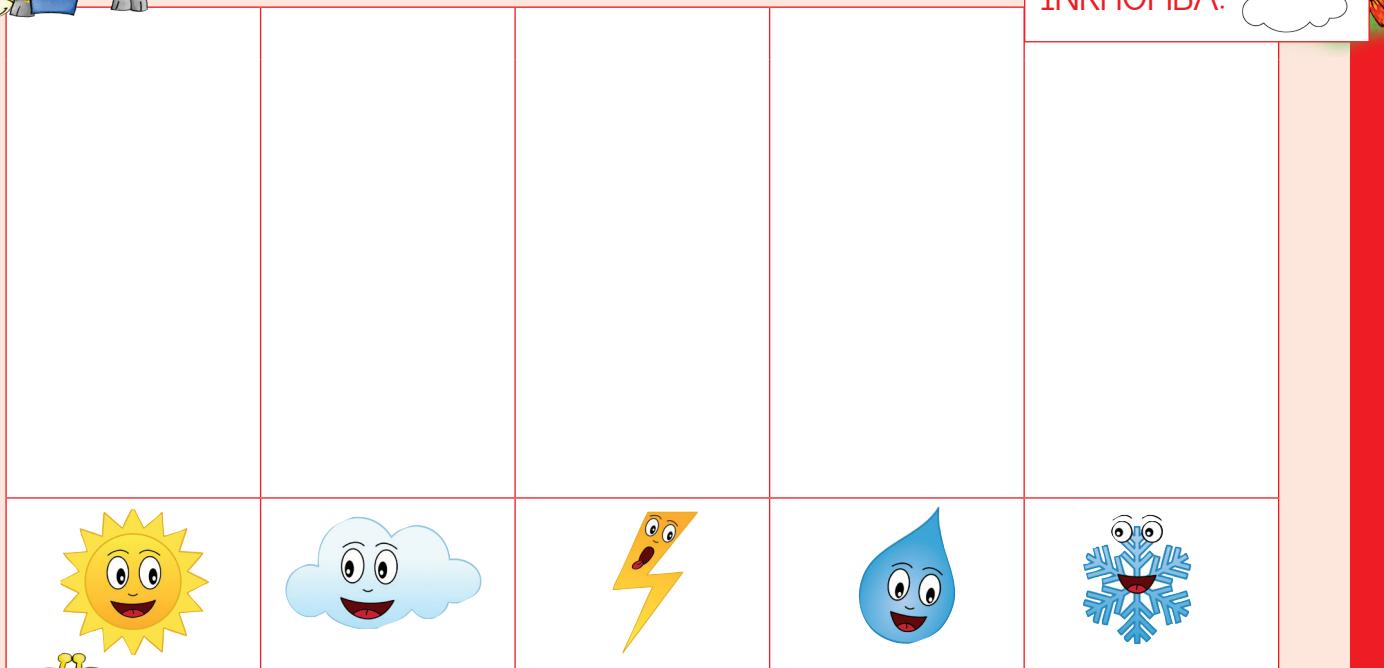
Hlunga letinkhomba tesimo selitulu. Yenta wakho umdvwebo.
Bhala samba (ithothali) ebhokisini.





Dvweba sitfombe-mdvwebo wesimo selitulu sakho lesihlungiwe.

INKHOMBA:



Buka letinkhomba bese uphendvula lemibuto. Phendvula lemibuto lelandzelako:



Sibe netinsuku letinengi letibalele
noma tibe tinengi letisibekele?

Ucabanga kutsi ngusiphi sikhatsi
semnyaka lesi?

Usho ngani?

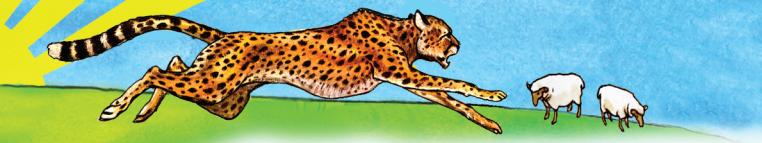
Ngabe lesimo sitawufana
kuto tonkhe tifundza yini?



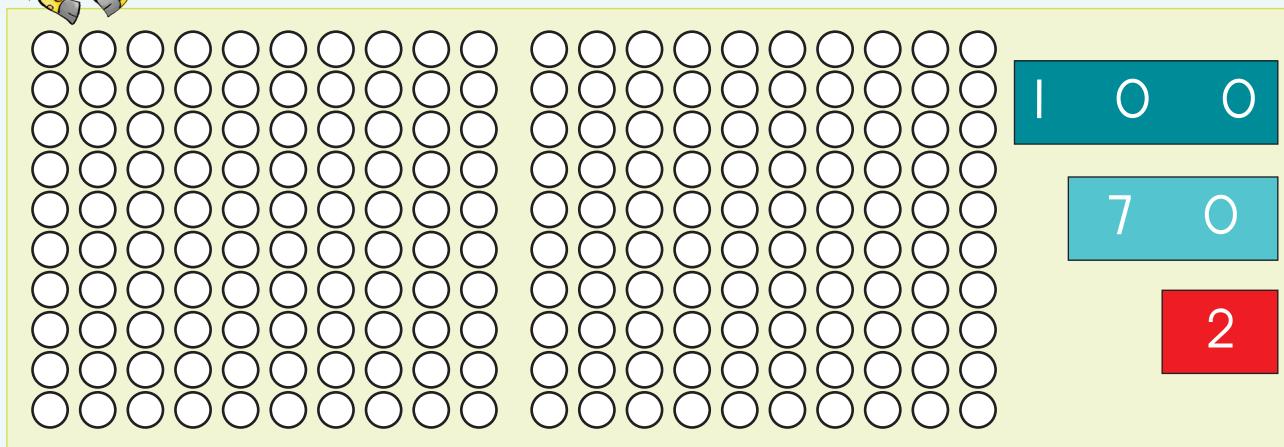
q7



Faka umbala ku l72 wetindilinga.



Tinombolo l50 – l80



Bhala umusho nombolo wa:

$$\begin{array}{r} \text{1} \quad \text{0} \quad \text{0} \\ + \quad \text{5} \quad \text{0} \\ \hline \text{1} \quad \text{5} \quad \text{8} \end{array}$$

$$\begin{array}{r} 100 + 50 + 8 \\ = 158 \end{array}$$

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

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

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

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

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

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

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

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



Ngutiphi tinombolo letita emkhatsini:

$$150 \text{ na } 158 \quad \underline{\hspace{10cm}}$$

$$172 \text{ na } 177 \quad \underline{\hspace{10cm}}$$

$$180 \text{ na } 175 \quad \underline{\hspace{10cm}}$$

$$160 \text{ na } 155 \quad \underline{\hspace{10cm}}$$

$$165 \text{ na } 160 \quad \underline{\hspace{10cm}}$$

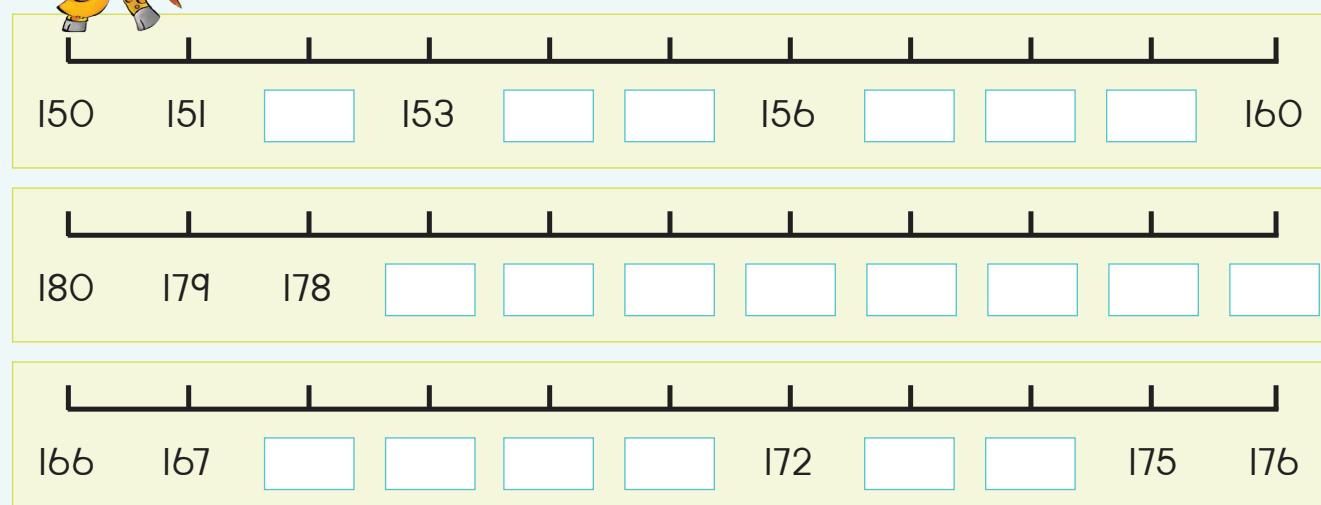


Niketa tinombolo tibe timbili letingephasana natimbili
letingetulu kwalenombolo leniketiwe.

Ngaphasi	Inombolo	Ngetulu
	157	
	165	
	178	
	161	
	174	



Cedzela lemigca-tinombolo:



Sika kahle tinombolo letintsatfu emkhatsini wa 150 na 180 kumagazini noma
liphephandzaba. Tinameke lapha kusuka kulenkhlukati kuya kulencane kakhulu.



Teacher: _____
Sign: _____
Date: _____

q8

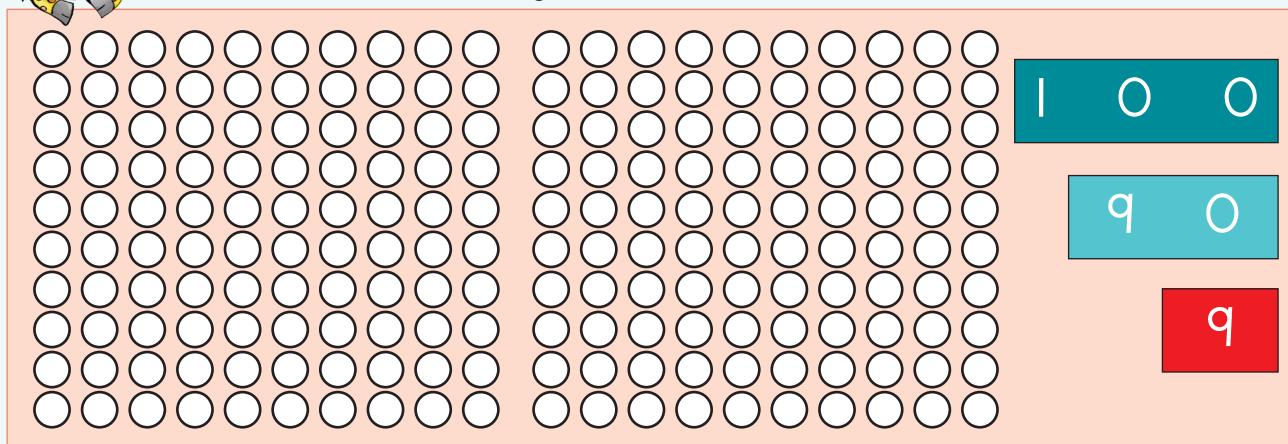


Inombolo 170 – 200

Ithemu 4



Faka umbala ku 199 wetindilinga.



Bhala inombolo ya:

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 7 \ 0 \ 7 \\ \hline 100 + 70 + 7 \\ = 177 \end{array}$$

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

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

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

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

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



Ngutiphi tinombolo letita emkhatsini wa:

170 na 175

198 na 195

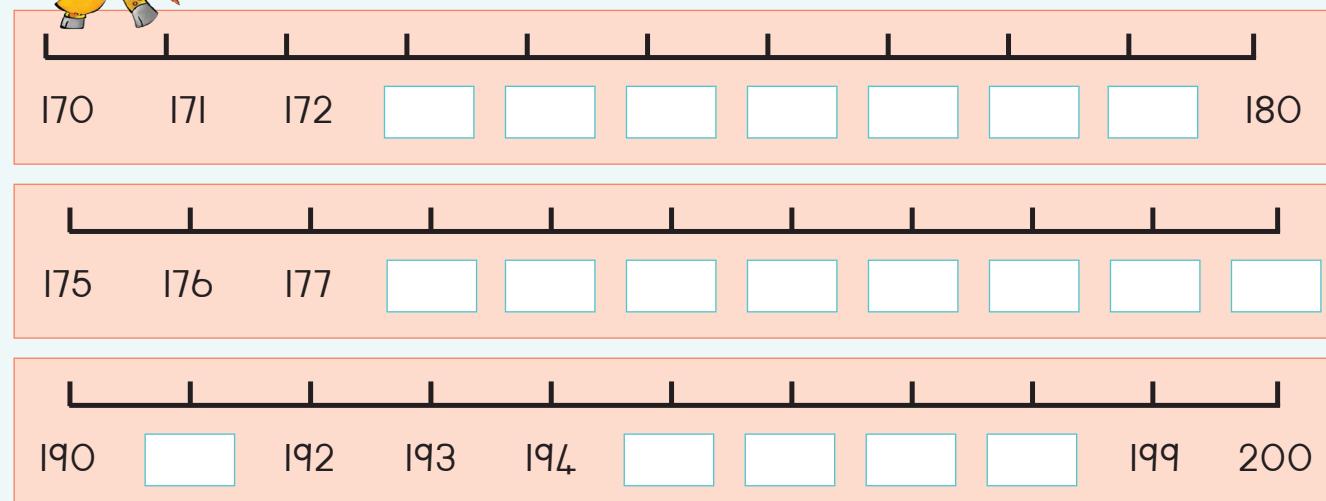
180 na 175

168 na 173

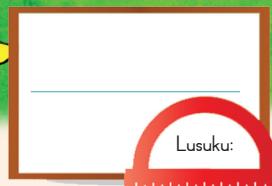
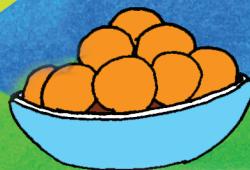
200 na 196



Kuncane	Inombolo	Kukhulu
	170	
	198	
	185	
	174	
	181	



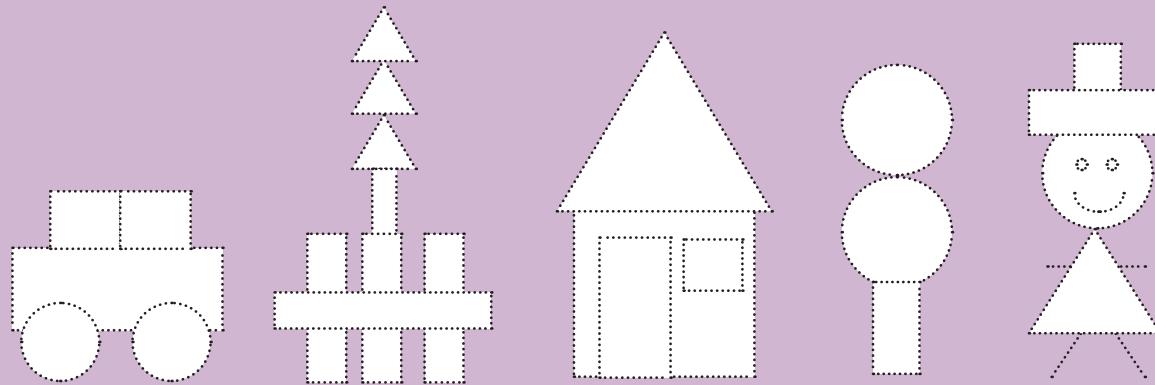
qq



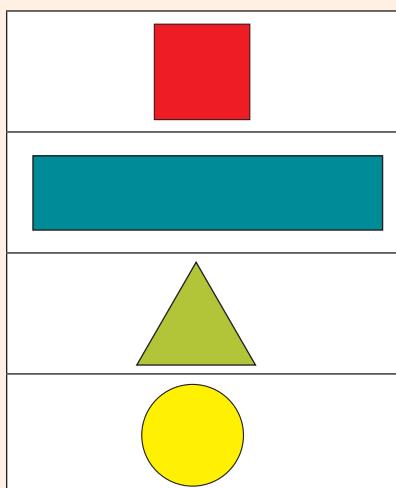
Bobunjwa be 2-D

Ithemu 4

Tsatsisa bonkhe bobunjwa. Faka umbala lobovu kuto tonkhe tindilinga, loluhlata kubocalantsatfu, lomtfubi kutikwele nalolingangane kubocalandze.



Faka ligama lihambisane nabunjwa.



calantsatfu

indilinga

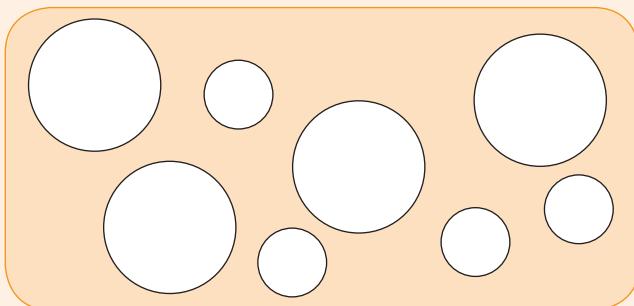
sikwele

calandze



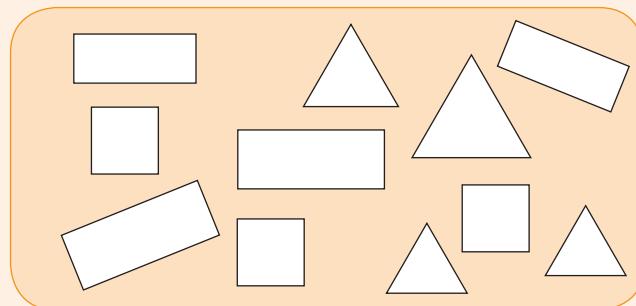
Faka umbala:

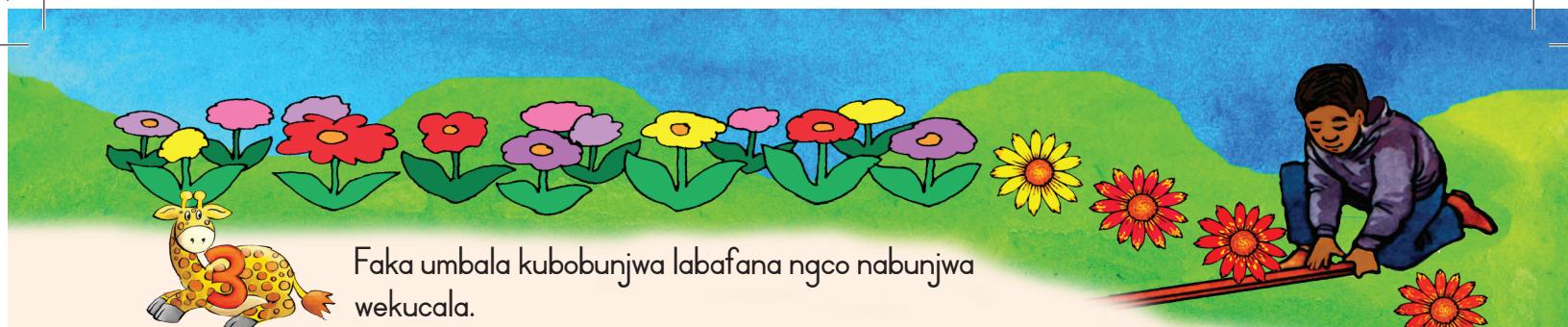
- Lobovu tindilinga letinkhulu
- Lomtfubi tindilinga letincane



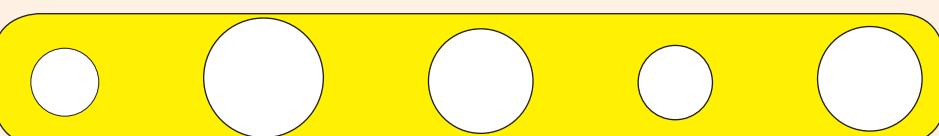
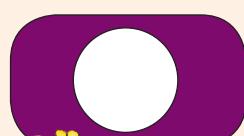
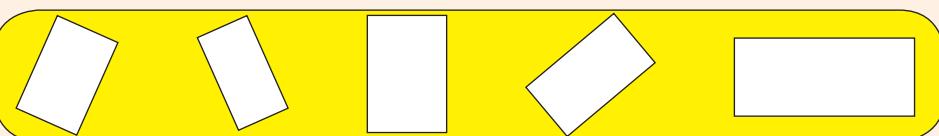
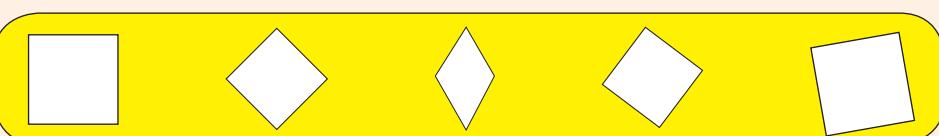
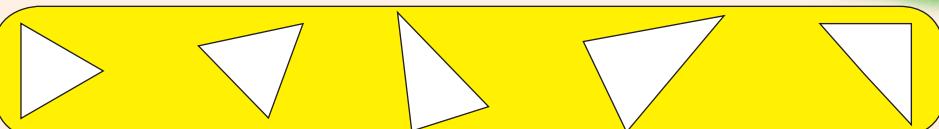
Faka umbala:

- Lobovu bocalandze labakhulu
- Lomtfubi bocalandze labancane





Faka umbala kubobunjwa labafana ngco nabunjwa wekucala.

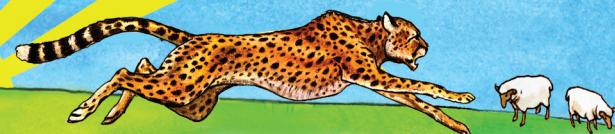


Dvweba sitfombe sakho usebentisa kuphela tikwele, bocalandze,
bocalantsatfu netindilinga.

Sika emaphepha lamadzala wakhe sitfombe sakho usebentisa tikwele, bocalandze, tindilinga
nabocalantsatfu.



100



Tinombolo 0 – 200

Ithemu 4



Tingaki tinombolo letehlukene longatakha?

100

40

2

q

50

100

100

20

1

70

8



Cedzela loku lokulandzelako.

100

40

q

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

100

70

3

$$100 + 70 + 3 = \boxed{}$$

100

20

8

$$100 + 20 + 8 = \boxed{}$$

100

10

7

$$100 + 10 + 7 = \boxed{}$$

100

90

2

$$100 + 90 + 2 = \boxed{}$$



Gewalisa lamabhokisi late lutfo usebentisa emakhulu, emashumi nabonhlavunye kucedzela letibalo.

$$181 = \boxed{} + \boxed{} + \boxed{}$$

$$144 = \boxed{} + \boxed{} + \boxed{}$$

$$135 = \boxed{} + \boxed{} + \boxed{}$$

$$156 = \boxed{} + \boxed{} + \boxed{}$$

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



Hlanganisa loku lokulandzelako:



$60 + 4 = \boxed{}$

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

$90 + 8 = \boxed{}$

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

$40 + 7 = \boxed{}$

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

$30 + 6 = \boxed{}$

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

$50 + 2 = \boxed{}$

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

Gcwalisa lenombolo leshiyekile:

$70 + \boxed{} = 71$

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

$30 + \boxed{} = 38$

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

$60 + \boxed{} = 69$

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

$20 + \boxed{} = 24$

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

$80 + \boxed{} = 85$

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



Yakha takho tibalo usebentisa emakhulu, emashumi nabonhlavunye.

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

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



Nguyiphi inombolo lenkhulukati? (Kh) Nguyiphi inombolo lencane kakhulu? (Nc)

5	0	9
1 0 0		

1	0	0
9	4	0

4	5	0
1 0 0		

Teacher:
Sign:
Date:

101



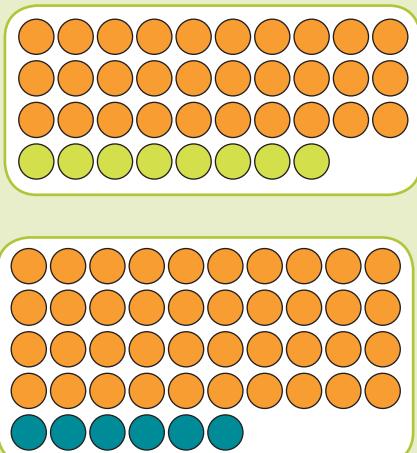
Ithemu 4



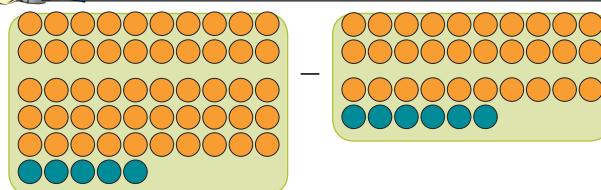
Kuhlanganisa nekususa

Bukani lelibhodi-tinombolo nebuahlalu. Cocisanani ngalo.

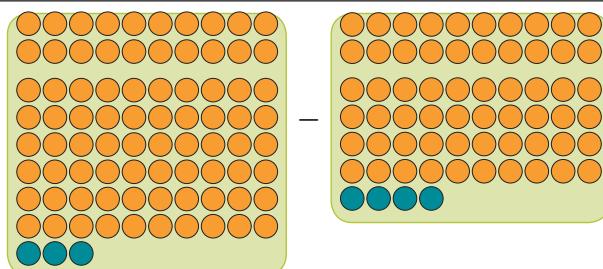
1	2	3	4	5	6	7	8	9	10
II	I2	I3	I4	I5	I6	I7	I8	I9	20
2I	22	23	24	25	26	27	28	29	30
3I	32	33	34	35	36	37	38	39	40
4I	42	43	44	45	46	47	48	49	50
5I	52	53	54	55	56	57	58	59	60
6I	62	63	64	65	66	67	68	69	70
7I	72	73	74	75	76	77	78	79	80
8I	82	83	84	85	86	87	88	89	90
9I	92	93	94	95	96	97	98	99	100



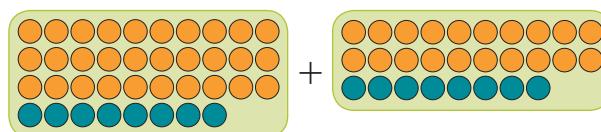
Hlanganisa noma ususe buhlalu.



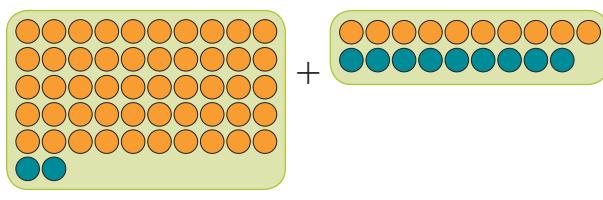
$$\begin{array}{r}
 50 \quad 5 - 30 \quad 6 \\
 = 40 + 15 - 30 - 6 \\
 = 10 + 9 \\
 = 19
 \end{array}$$



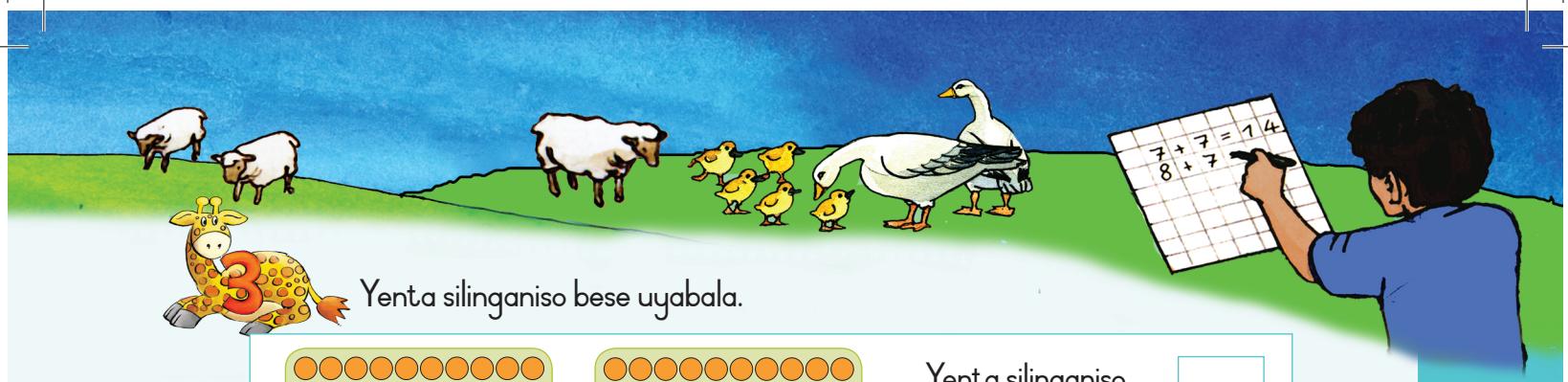
$$\begin{array}{r}
 \quad \quad - \quad \quad \\
 = \quad + \quad - \quad - \\
 = \quad + \quad \\
 = \quad
 \end{array}$$



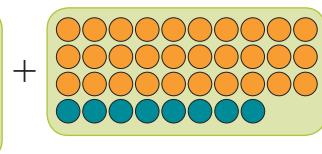
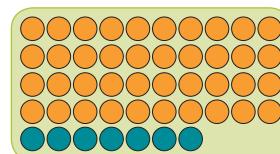
$$\begin{array}{r}
 \quad \quad + \quad \quad \\
 = \quad + \quad + \quad \\
 = \quad + \quad + \quad + \quad \\
 = \quad + \quad \\
 = \quad
 \end{array}$$



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

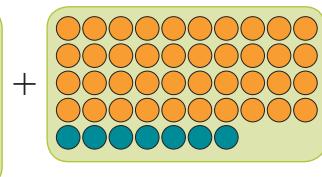
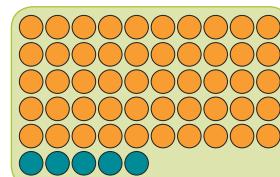


Yenta silinganiso bese uyabala.



Yenta silinganiso

Bala



Yenta silinganiso

Bala



Bala usebentisa indlela yakho.

$53 + 39$

$92 - 48$



Hlanganisa 39 na 29.

Susa 45 ku 74.

Yini 43 kususwe 19?

Yini 82 kususwe 69?



Teacher:

Sign:

Date:



Lusuku:



Buka le-abhakhsa ngesancele nesekudla. Ubonani?

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

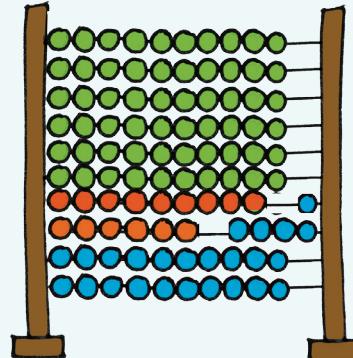
Hlanganisa
letinombolo letimbili.

Ilingana
na?

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

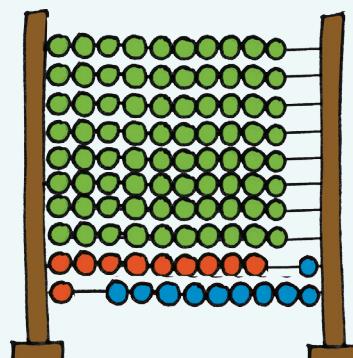


Bhala sibalo sekuhlanganisa nekususa. Bala.



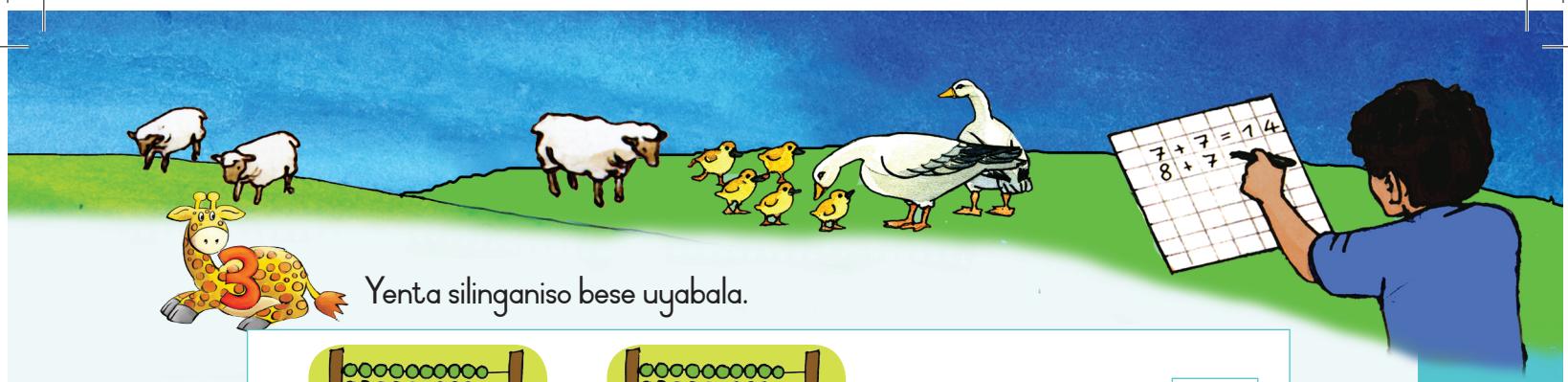
Sibalo sekuhlanganisa

Sibalo sekususa

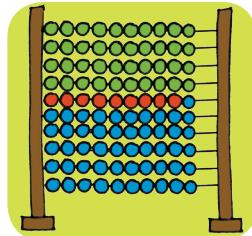


Sibalo sekuhlanganisa

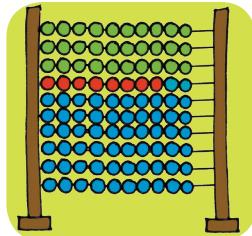
Sibalo sekususa



Yenta silinganiso bese uyabala.



+

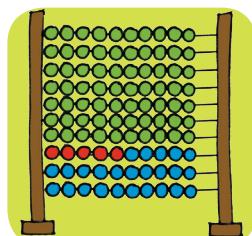


Yenta silinganiso

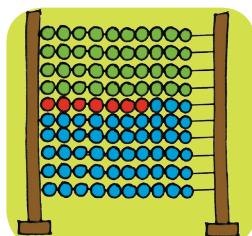
Bala

$$\begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline 15 \end{array}$$



-



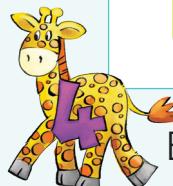
Yenta silinganiso

Bala

$$\begin{array}{r} 14 \\ - 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 15 \\ - 9 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$$



Bala usebentisa indlela yakho.

$$58 + 35$$

$$34 - 26$$



Yini 74 na 19?

Susa 34 ku 74.

Sibalo sa 46 na 27.

Umehluko emkhatsini wa 81 na 36.

Teacher:
Sign:
Date:

11

12

13

14

15

16

17

18

19

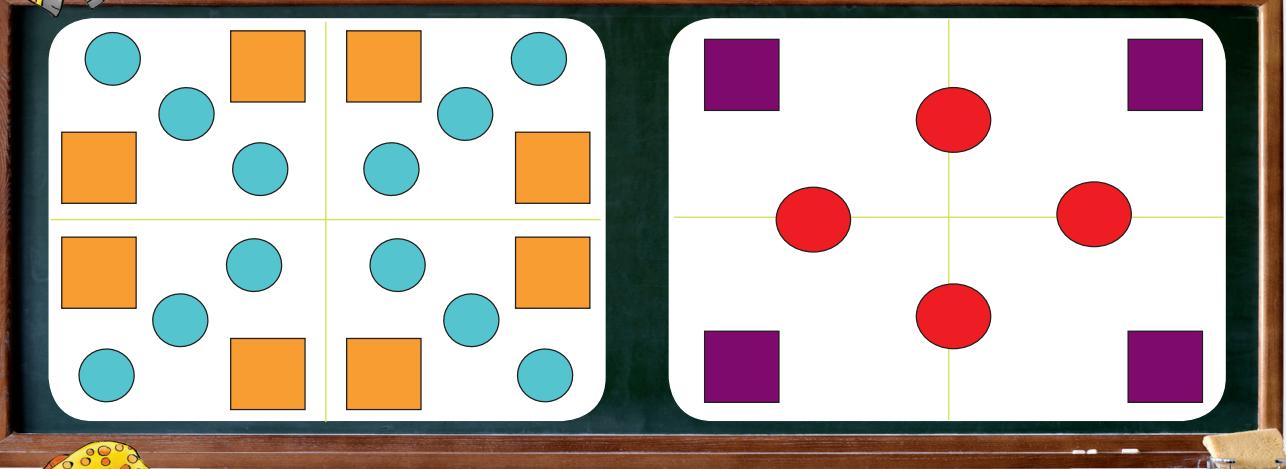
20

103

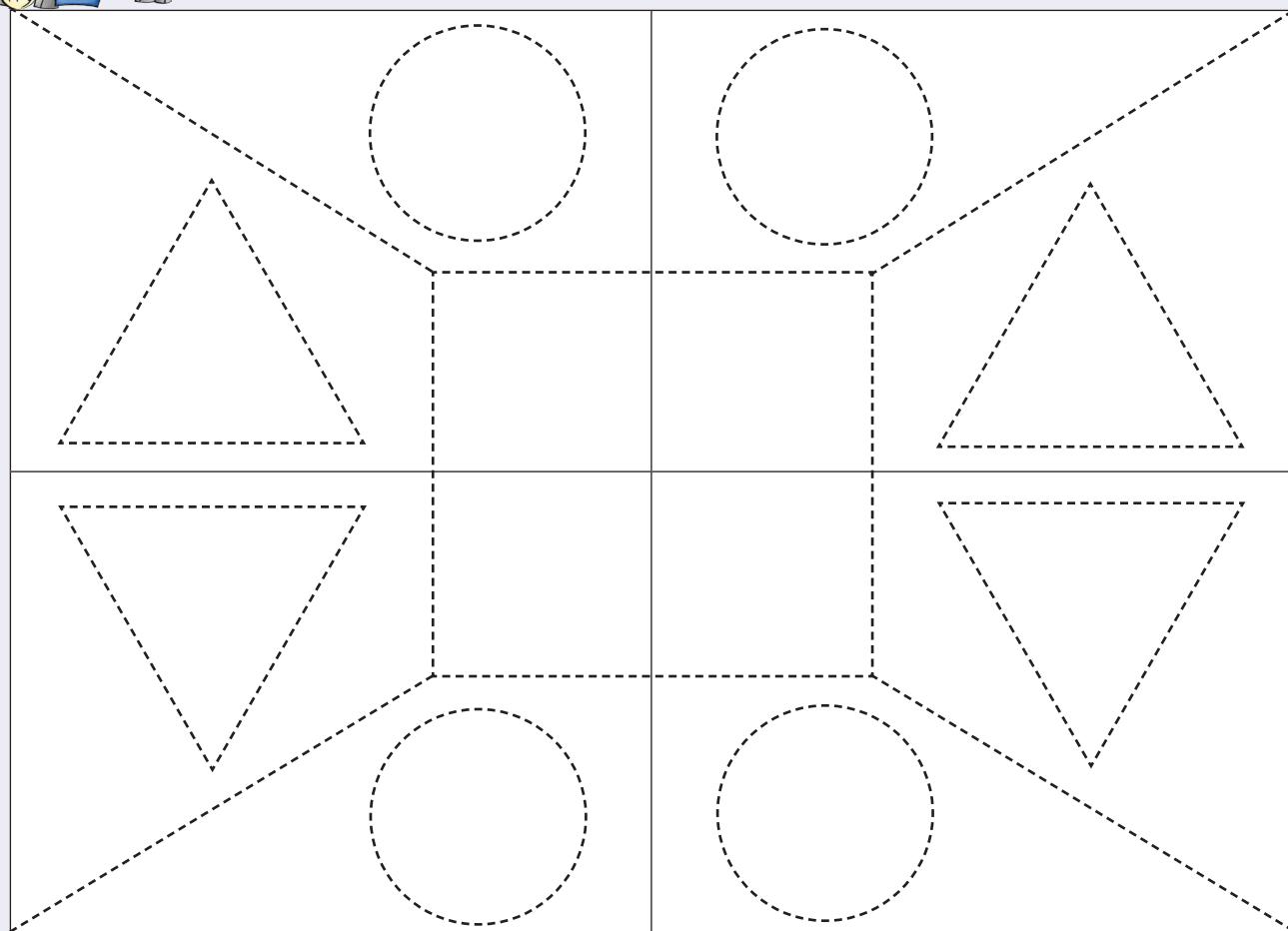
Siyachubeka ngemaphethini

Ithemu 4

Chaza lephethini.

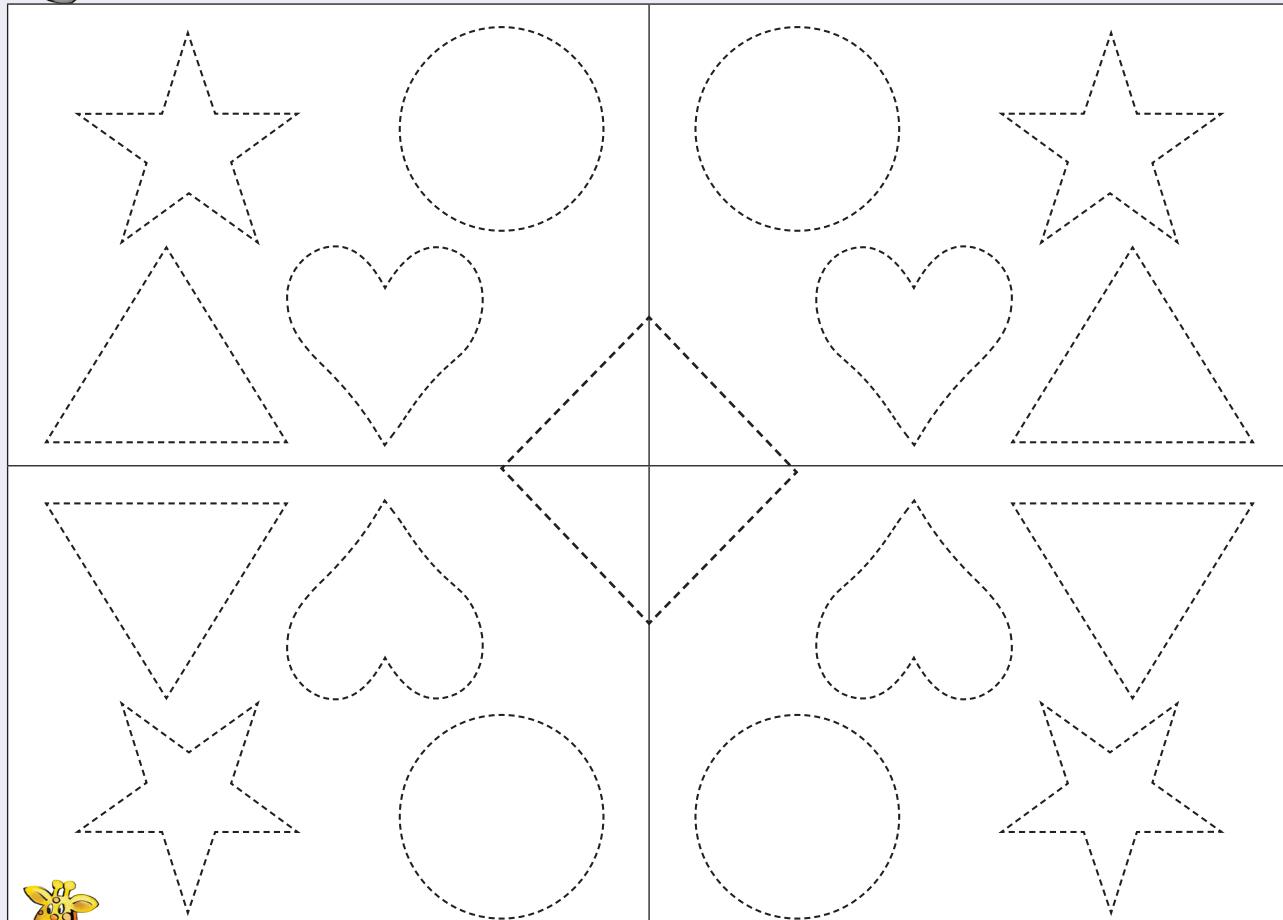


Landzelela lephethini bese uyifaka umbala.

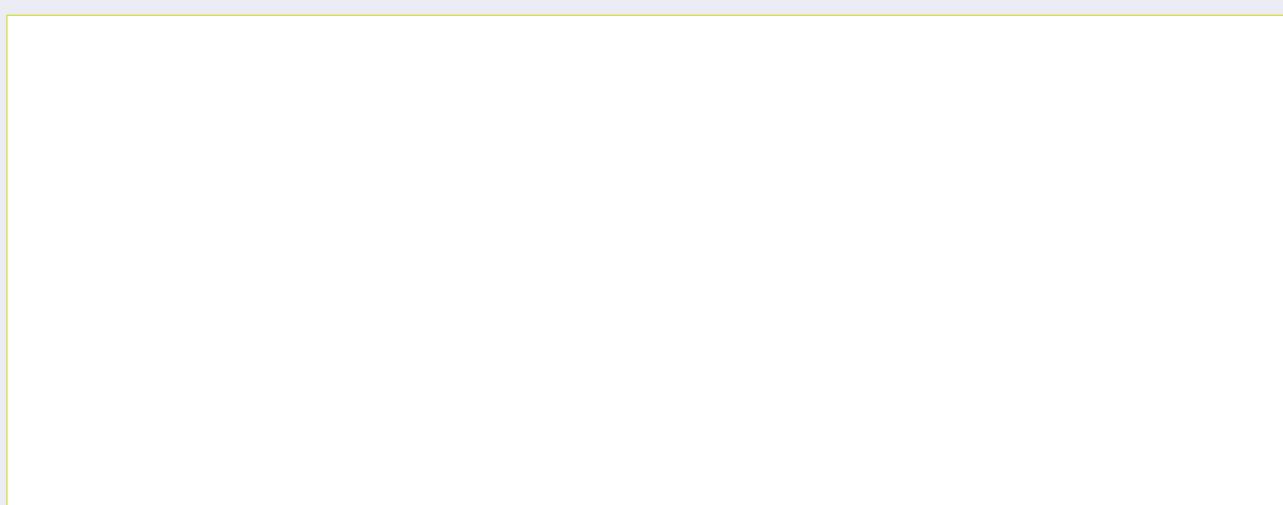




3 Landzelela lephethini bese uyifaka umbala.

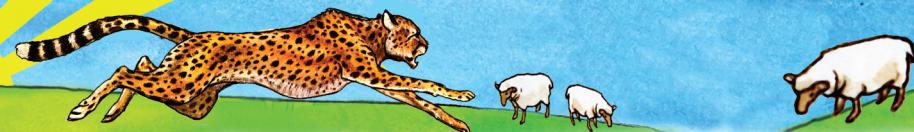


4 Takhele yakakho iphethini usebentisa bobunjwa.



Teacher:
Sign:
Date:

104

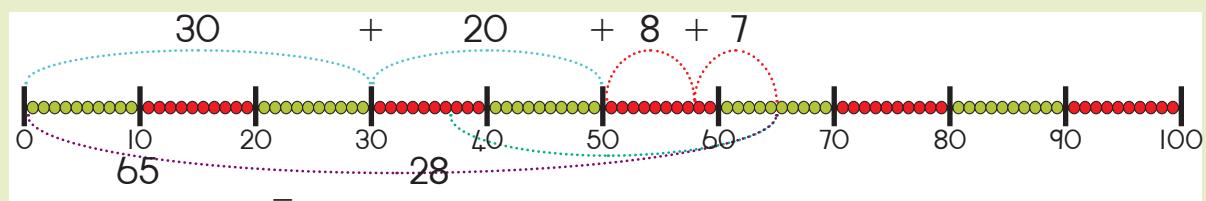
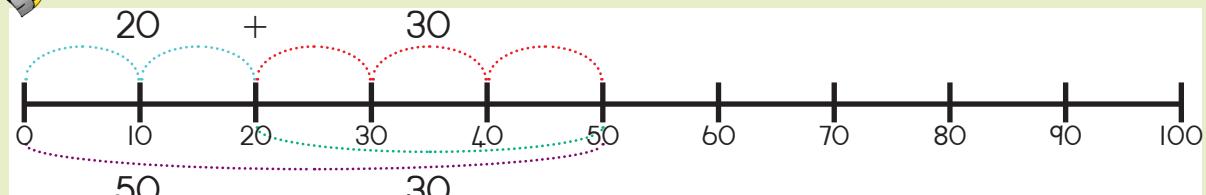


Kuhlanganisa neKwehlukanisa

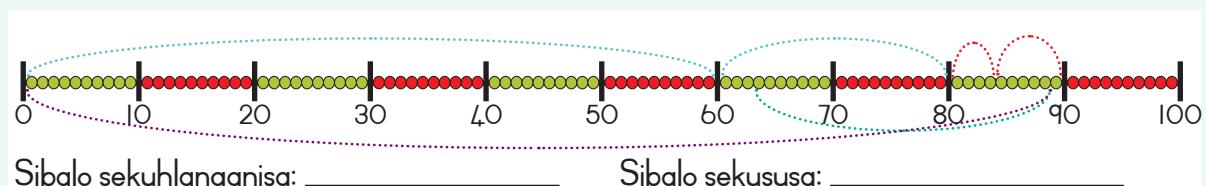
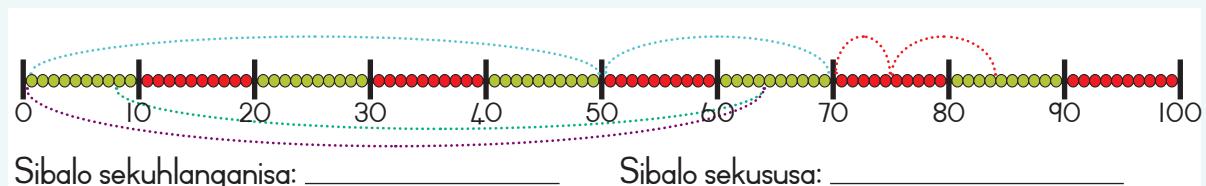
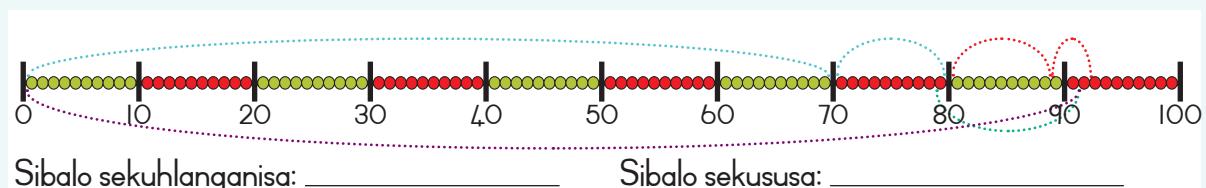
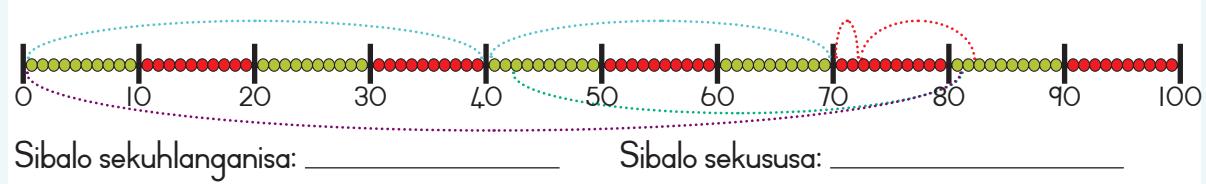
Ithemu 4

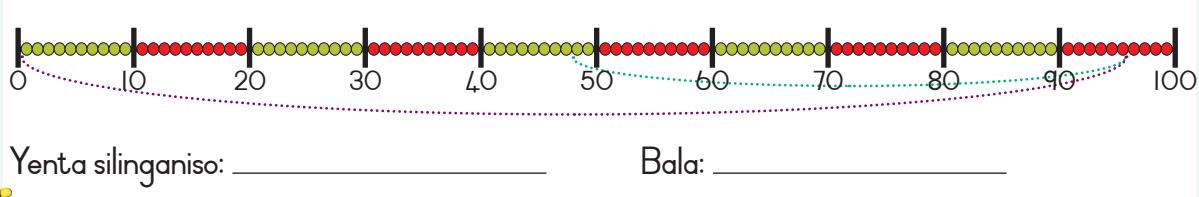
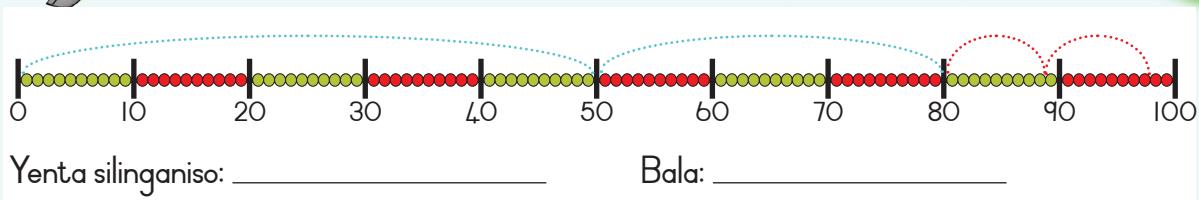


Buka lemigca-nombolo. Coca ngayo.



Bhala sibalo sekuhlanganisa nesekususa usebentisa umugca-nombolo.





Bala usebentisa indlela yakho.

$74 + 18$

$72 - 43$



Linani lini 82 na 9?

Susa 44 ku 52.

Sibalo sa 79 na 13.

Umehluko emkhatsini wa 98 na 59.



Teacher: _____
Sign: _____
Date: _____

105

Kuhlanganisa nekususa siyachubeka futsi

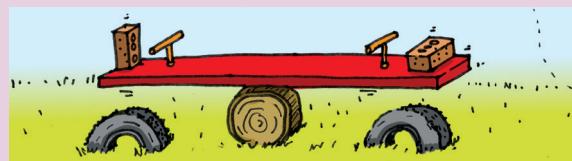
Ithemu 4



Yenta lamacala alingane.

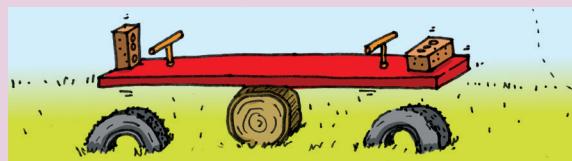
$10 + 4 + 5$

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



$90 - 50$

$\boxed{} - 20$



Cedzela loku lokulandzelako.

1 ngetulu +1	
6	7
5	
3	
9	
2	
7	
4	
8	

1 ngaphansi -1	
4	3
8	
10	
9	
2	
7	
6	
3	

10 ngetulu +10	
40	50
10	
60	
70	
20	
80	
30	
100	

10 ngaphansi -10	
40	30
150	
20	
110	
200	
60	
180	
70	



Cedzela lamadayagramu lalandzelako.

25

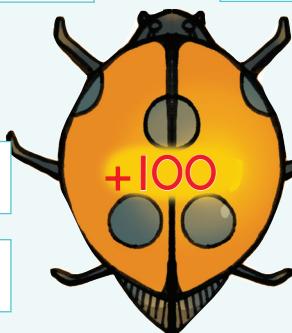
37

89

199

175

163





Yenta 5 wetibalo usebentisa letinombolo netimphawu.
Ungatisebentisa tinombolo tanye kabili.

9 0

-

2 0

+

5

1 0 0

4

3

3 0



Buka lenombolo bese wenta sibalo sekuhlanganisa noma sekususa kanyenti kute ubhale imphendvulo yakho ebbodini, sib. $3 + 4 = 7$.



Yini
kuhlanganisa?

2 6 5 7
4 7 3 8
q



Yini kususa?

4 7 5 q 10
6 2 8 3



Bala ngesineke loku lokulandzelako usebentisa indlela yakho.
Khombisa tonkhe tinyatselo tekukhakhuletha kwakho.

$48 + 36$

$85 - 59$



Sombulula lesibalo magama. Yenta umdvwebo kukhombisa imphendvulo yakho.

Ngonge R42 wase Babe ungipha R29.
Senginamalini nyalo?

Ngina R78 ngase ngitsenga tincwadzi nga R34.
Sengisele namalini?



11

12

13

14

15

16

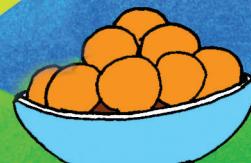
17

18

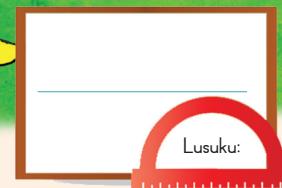
19

20

106

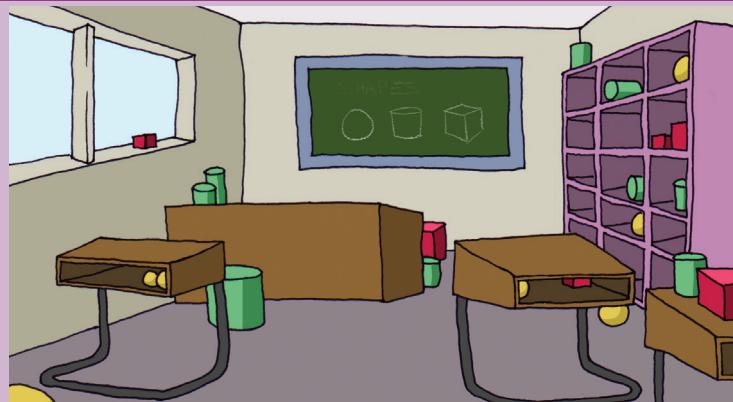


Bobunjwa be 3-D

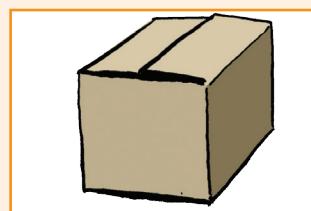
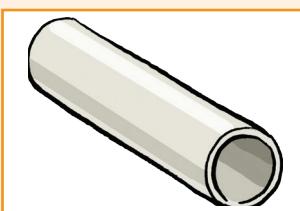


Ithemu 4

Aphi emabhokisi, emabhola nemibhoshongo?



Shano kutsi ngabe loku kulibhokisi, ibhola noma umbhoshongo.



Tfola titfombe taloku lokulandzelako utinamatsisele lapha.

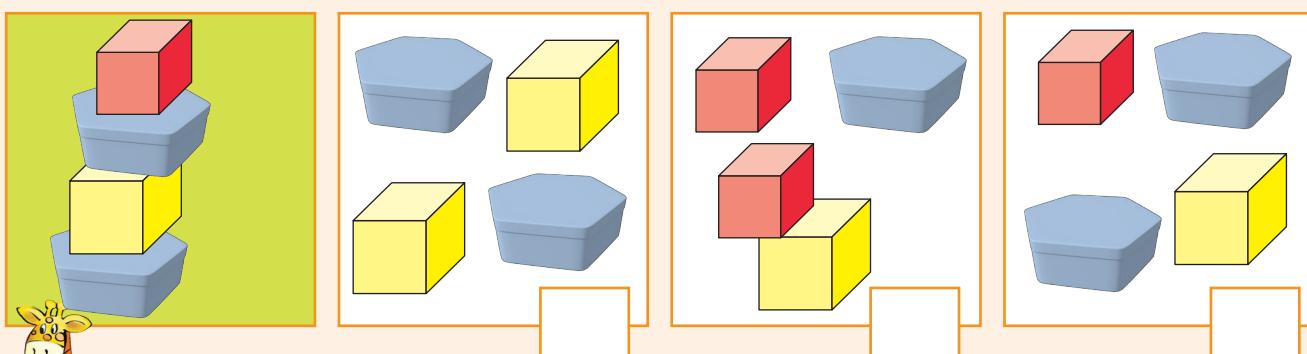
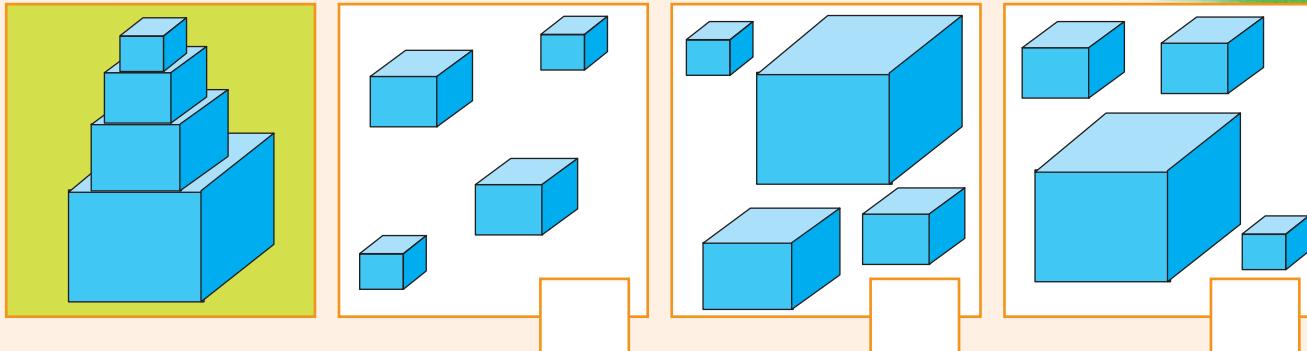
Ibhola

Libhokisi

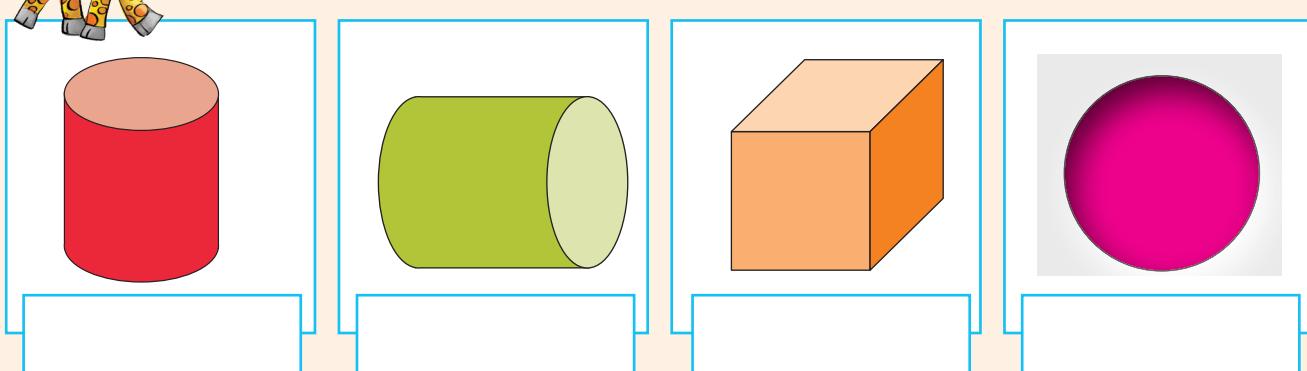
Umbhoshongo



Faka lumphawu (✓) tetintfweni letingito lotisebentisile kwakha lombhoshongo ngesancele.



Shano kutsi ngabe loku lokulandzelako kutawugicika noma kutawushelela.

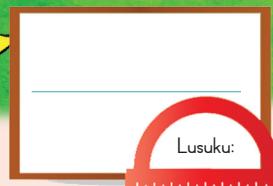
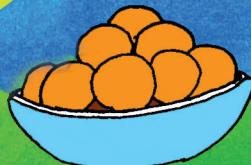


Endlini yakini noma madvute nayo ngaphandle yini lebukeka njengaloku:

- Umbhoshongo
- Ibhola
- Emabhokisi



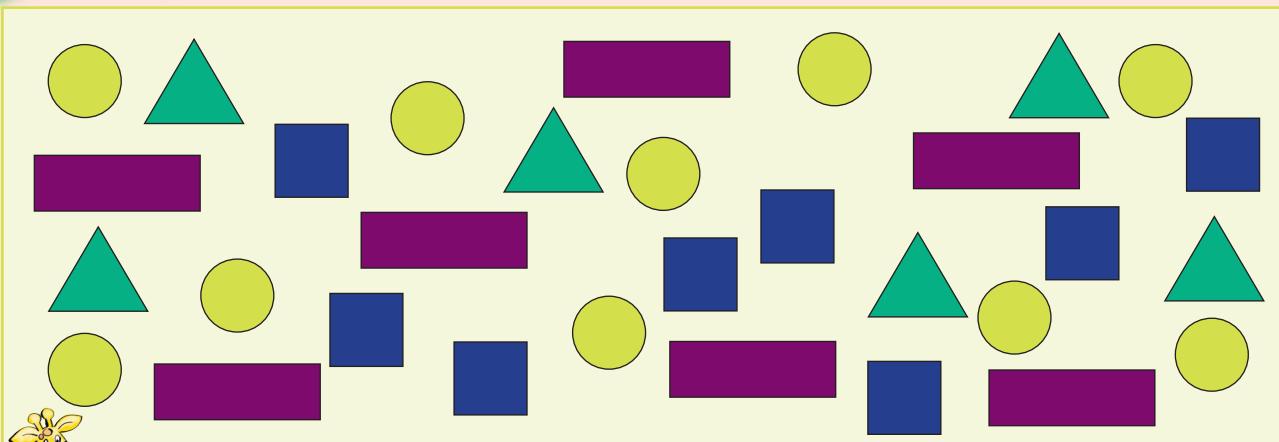
107



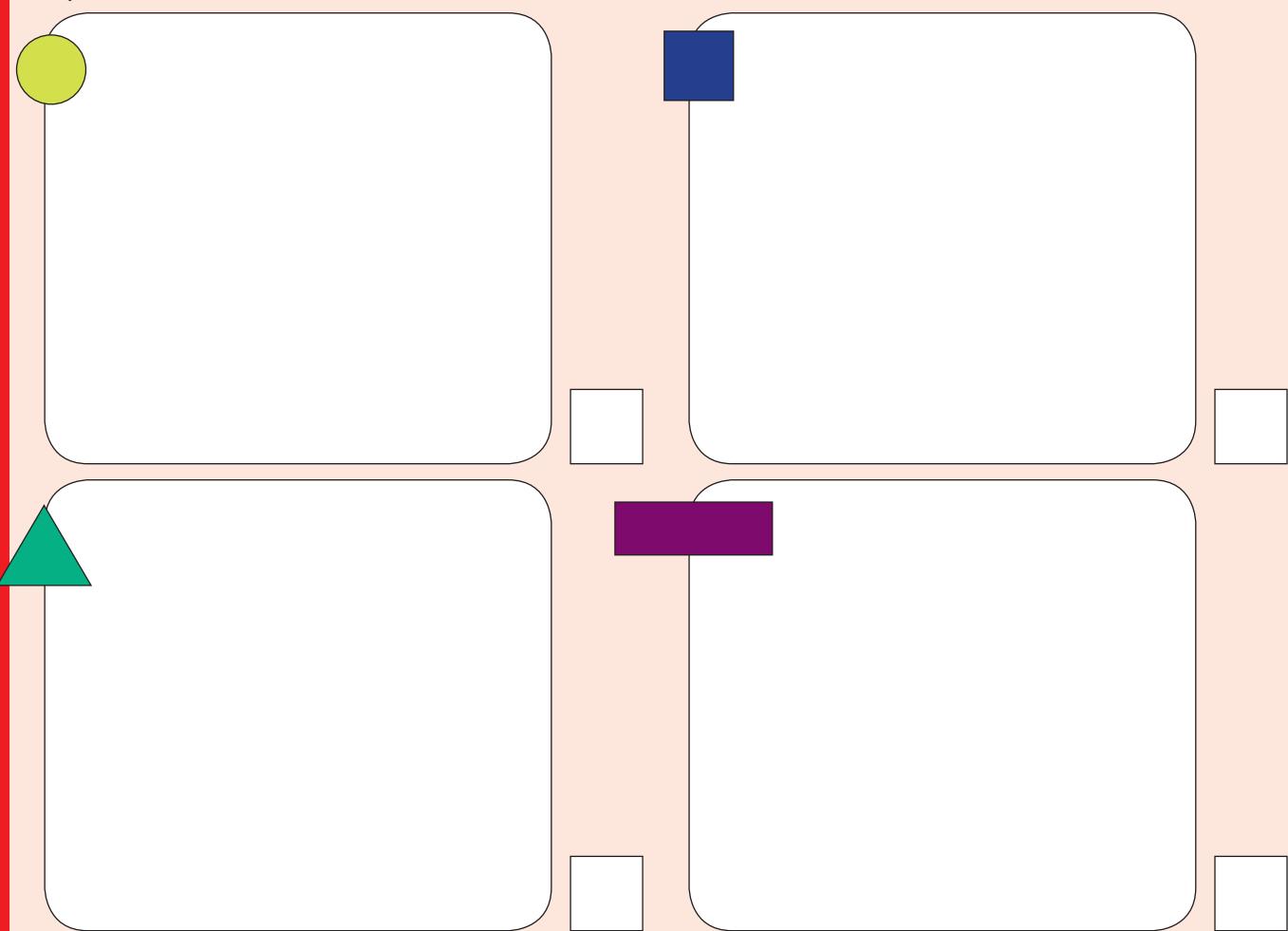
Ithemu 4

Imininingwane futsi

Lusuku:



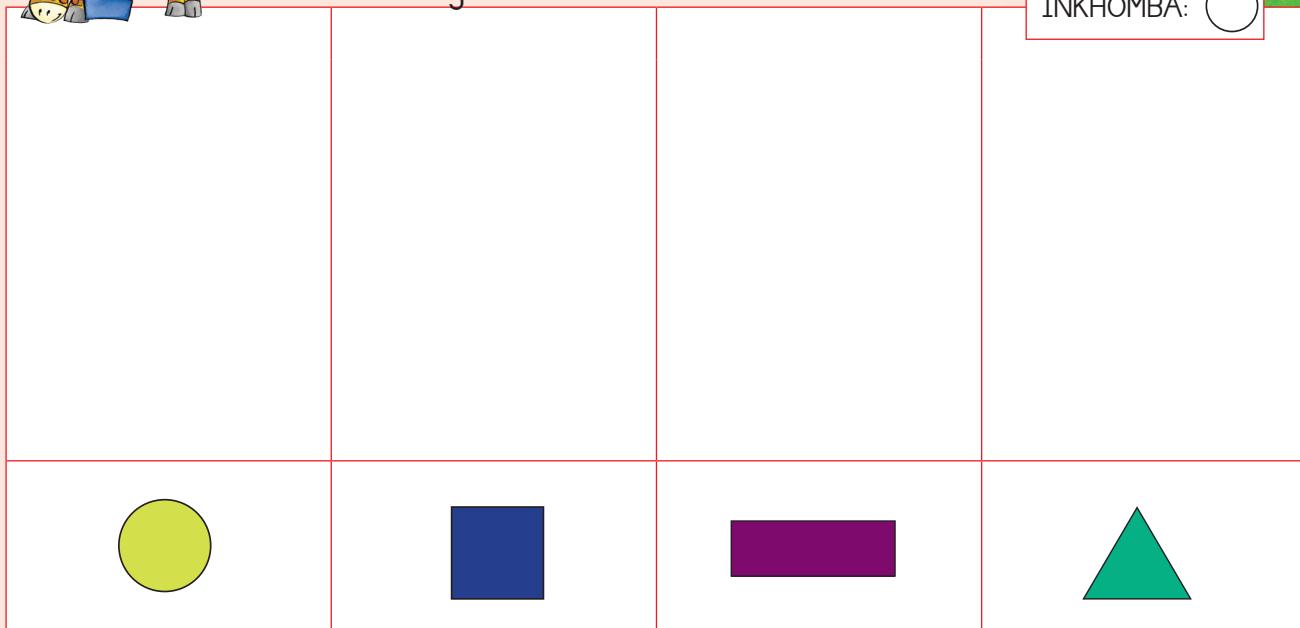
Hlunga labobunjwa. Yenta wakho umdvwebo. Bhala samba (ithothali) ebhokisini.



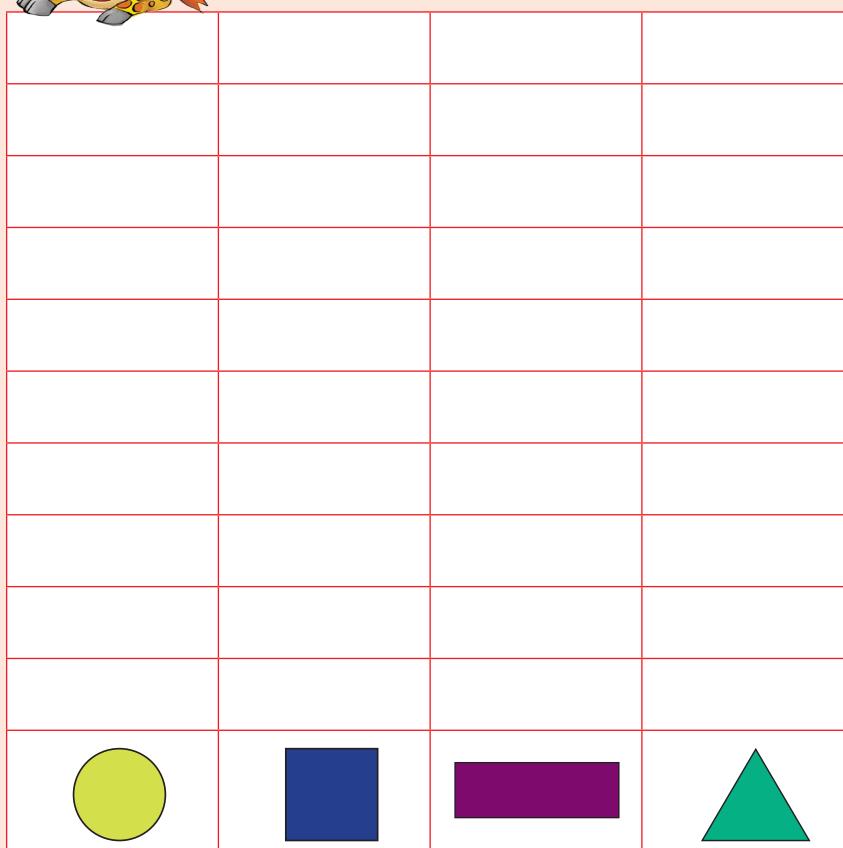


Dvweba sitfombe-mdvwebo sabobunjwa
bakho labahlungiwe.

INKHOMBA:



Faka umbala kumabholoki kucedzela ibha-grafu yakho



Tingaki tindilinga
letilapha?

Tingaki tikwele
letilapha?

Bangaki bocalandze
labalapha?

Bangaki bocalantsatfu
labalapha?



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Kubala imali

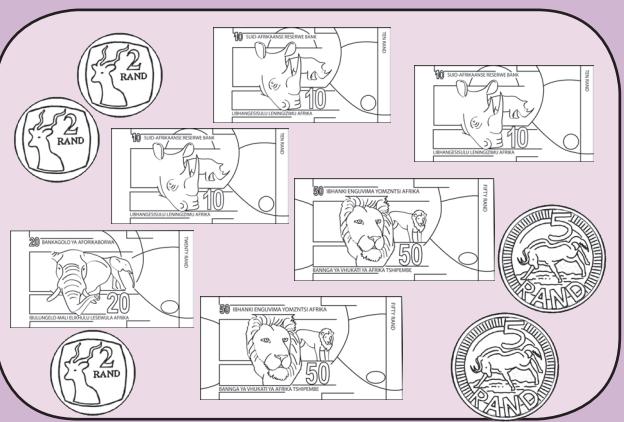
Lusuku:

Ithemu 4

Faka umbala kubuhhehlu lobutakwenta 95c.



Faka umbala imali letakwenta R99.



Faka umbala buhhehlu lobutakunika. Ngabe ngiyo yodvwa lendlela yekuhlanganisa?

	Yebo	Cha
75c	 	
85c	 	
90c	 	

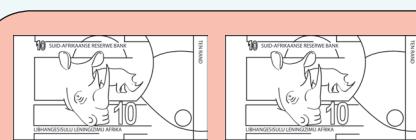


Faka umbala imali buhhehlu kanye neyemaphepha letakunika loku lokulandzelako: Ngabe ngiyo yodvwa lendlela yekuhlanganisa?

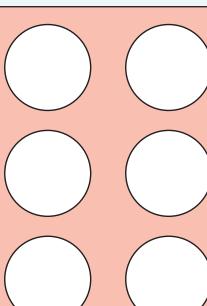
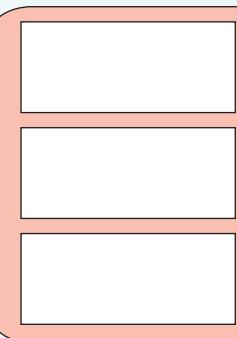
	Yebo	Cha
R87	 	
R75	 	
R94	 	



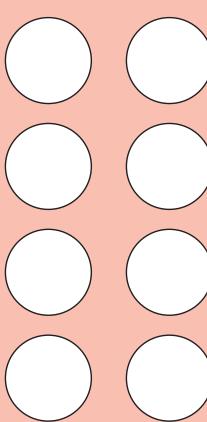
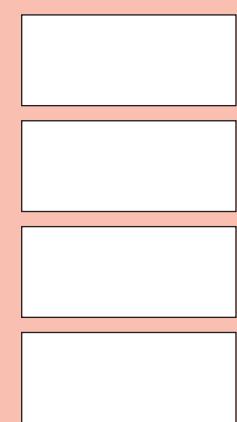
Sipho utsenge mabili emahambega.
Ihambega ngayinje ibita RI2,50. Ulbadale malini?
Dvweba sitfombe semali lengiyo yemaphepha nebuluhelhu kukhombisa
imphendvulo yakho. Futsi yibhale njengemusho nombolo.



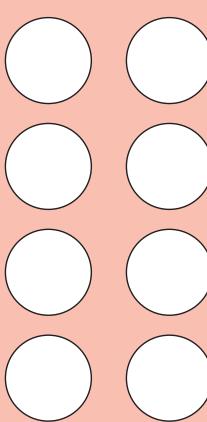
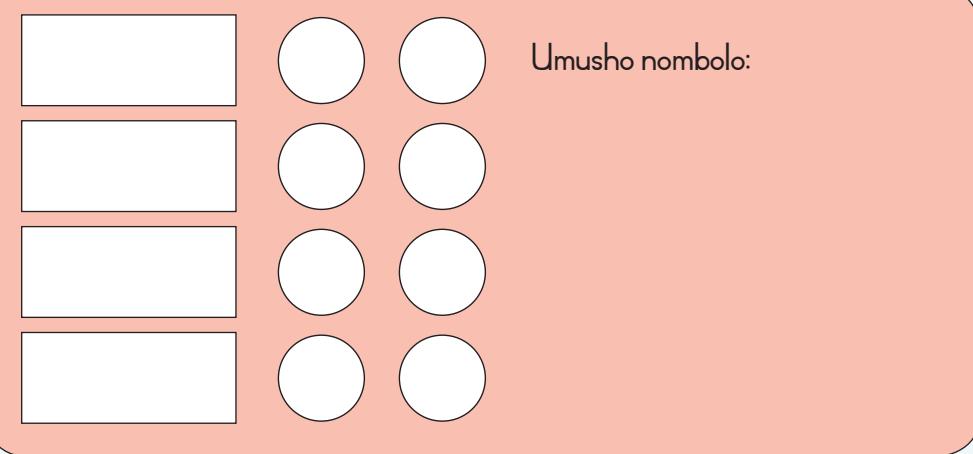
Umusho nombolo:
 $RI2,50 + RI2,50 =$



Umusho nombolo:



Umusho nombolo:



Mangaki emhabhega Sipho langawatsenga nga R87,50. Yenta umdvwebo
lofana nalona longetulu kukusita kusombulula lenkinga. Sebentisa lelinye liphepha
lekudvwebela.



10q



Lusuku:

Kusombulula tibalo-mali

Ithemu 4

Ngitawutfolani uma ngitsengisa emashokholethi lali-IO? Buka letitfombe uchubeke nalephethini.

1 ishokholethi



2 emashokholethi



3 emashokholethi



4 emashokholethi



Sheila utsengisa emahothi-dogi nga R4 lilinye. Cedzela lithebulu kumsita kutfola linani lemali yema-oda lamakhulu.

Linani laloku emahothi-dogi	1	2	3	4	5	6	7	8	9	10
Buhhehlulu										
Intsengo ngemaRandi	R4									



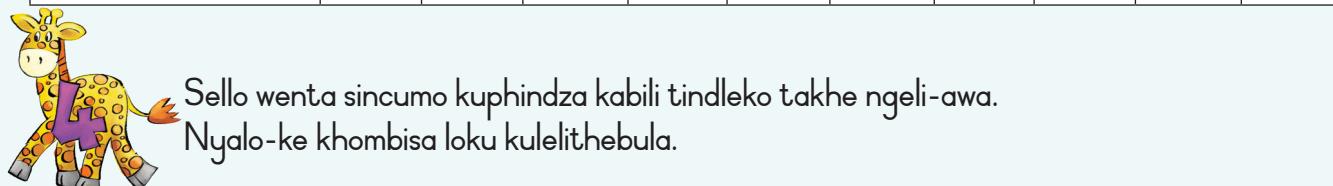
Kungaba njani uma Sheila atsengisa R5 iyinye ihothi-dagi?

Linani laloku emahothi-dogi	1	2	3	4	5	6	7	8	9	10
Buhhehlulu										
Intsengo ngemaRandi	R5									

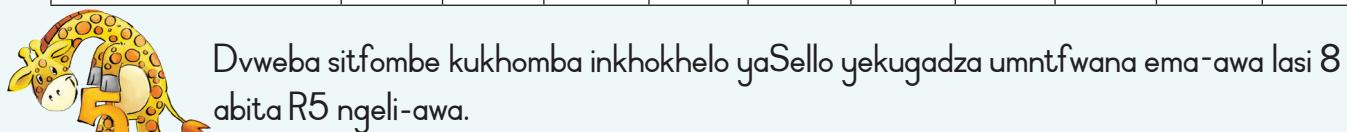


Sello ugadza bantfwana. Ubita R5 ngeli-awa. Cedzela lélithebula.

Linani laloku ema-awa	1	2	3	4	5	6	7	8	9	10
Intsengo ngemaRandi										



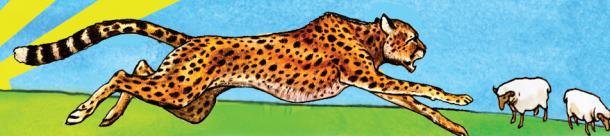
Linani laloku ema-awa	1	2	3	4	5	6	7	8	9	10
Intsengo ngemaRandi	10	20								



Ufuna kutsenga 10 wemamafini. Limafini linye libita R10. Utawukhokha malini kutsenga 1, 2, 3, 4, 5, 6, 7, 8, 9 noma 10 wemamafini? Khombisa loku ethebuleni ephepheni lelinye lekubhalela.



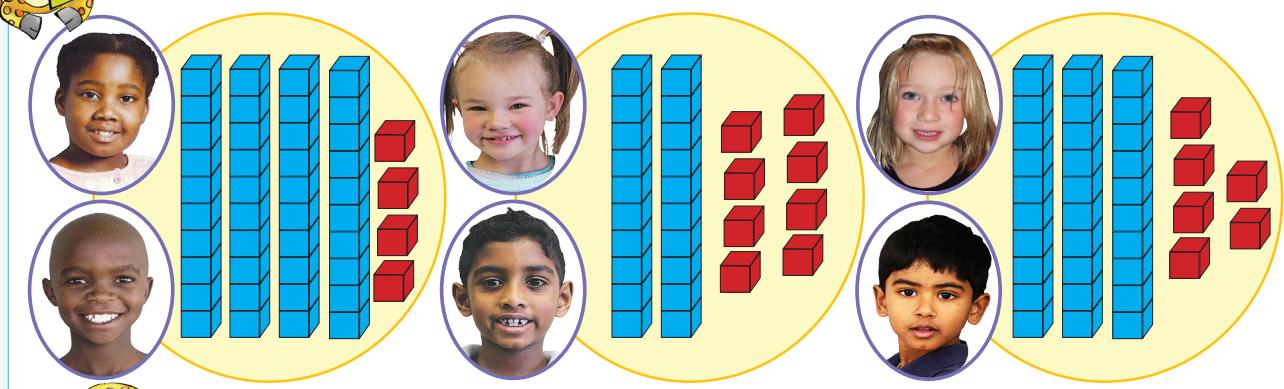
110



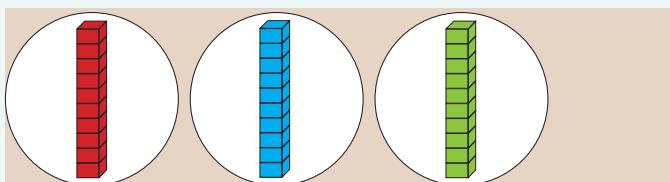
Kubeka ngemacembu nekwabelana

Ithemu 4

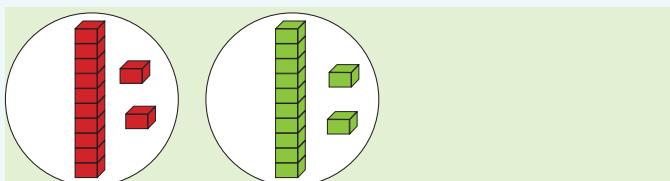
Mangaki emabhaluki kundilinga ngayinye? Wabe emkhatsini kwebantfwana.



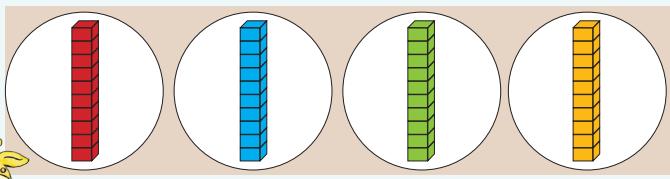
 Mangaki emabhaluki kundilinga ngayinye?
Bhala ithothali kundilinga lelingangane.



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

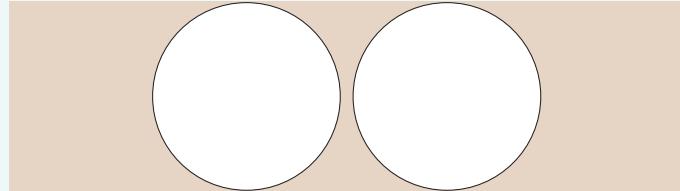
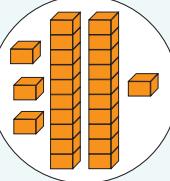
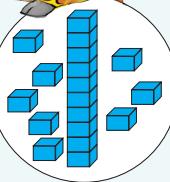


$$\square \times \square = \square$$

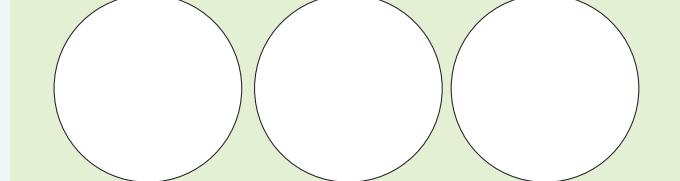


$$\square \times \square = \square$$

 Yaba emabhaluki emkhatsini wetindilinga.



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



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



3 emacembu a 2

Sibalo sekuhlanganisa:

+

Sibalo sekuphindzaphindza:

×

Yaba tintfo tekubala leti-12 emkhatsini kwa 4.

Sibalo sekususa:

-

Sibalo sekwehlukanisa:

÷

4 emacembu a 10

Sibalo sekuhlanganisa:

+

Sibalo sekuphindzaphindza:

×

Yaba tintfo tekubala leti-36 emkhatsini kwa 3.

Sibalo sekususa:

-

Sibalo sekwehlukanisa:

÷



Kubala.

2 emacembu a 7 _____

3 emacembu a 8 _____

4 emacembu a 5 _____

2 emacembu a 15 _____

Yaba 18 nga 2 _____

Yaba 24 nga 3 _____

Yaba 35 nge 5 _____

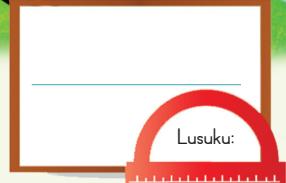
Yaba 50 nga 10 _____

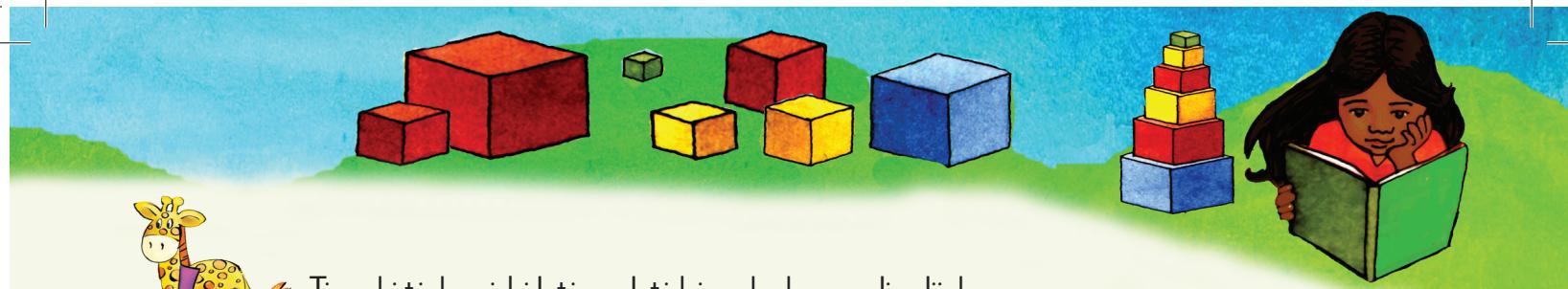


kuphindza kabili



11 12 13 14 15 16 17 18 19 20





Tingaki tinkomishi letinye lotidzingako kugwalisa lijeke
noma emajeke?

2



Tfola titfombe tetintfo-tekuphatsa letilingana na 1 ilitha, 2 wemalitha na 5
wemalitha. Tinamatsisele lapha noma ekisezajizini lakho. Tinamatsisele kusukela
kuletetfwala kakhulukati uye entfweni leyetfwala lokuncane kakhulu.



11

12

13

14

15

16

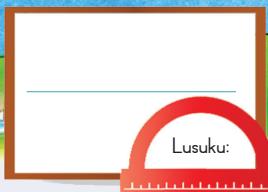
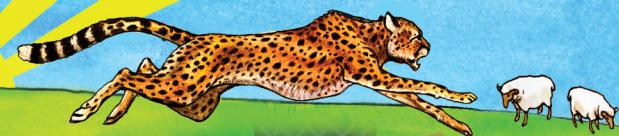
17

18

19

20

101



Emaphethini-tinombolo

Ithemu 4

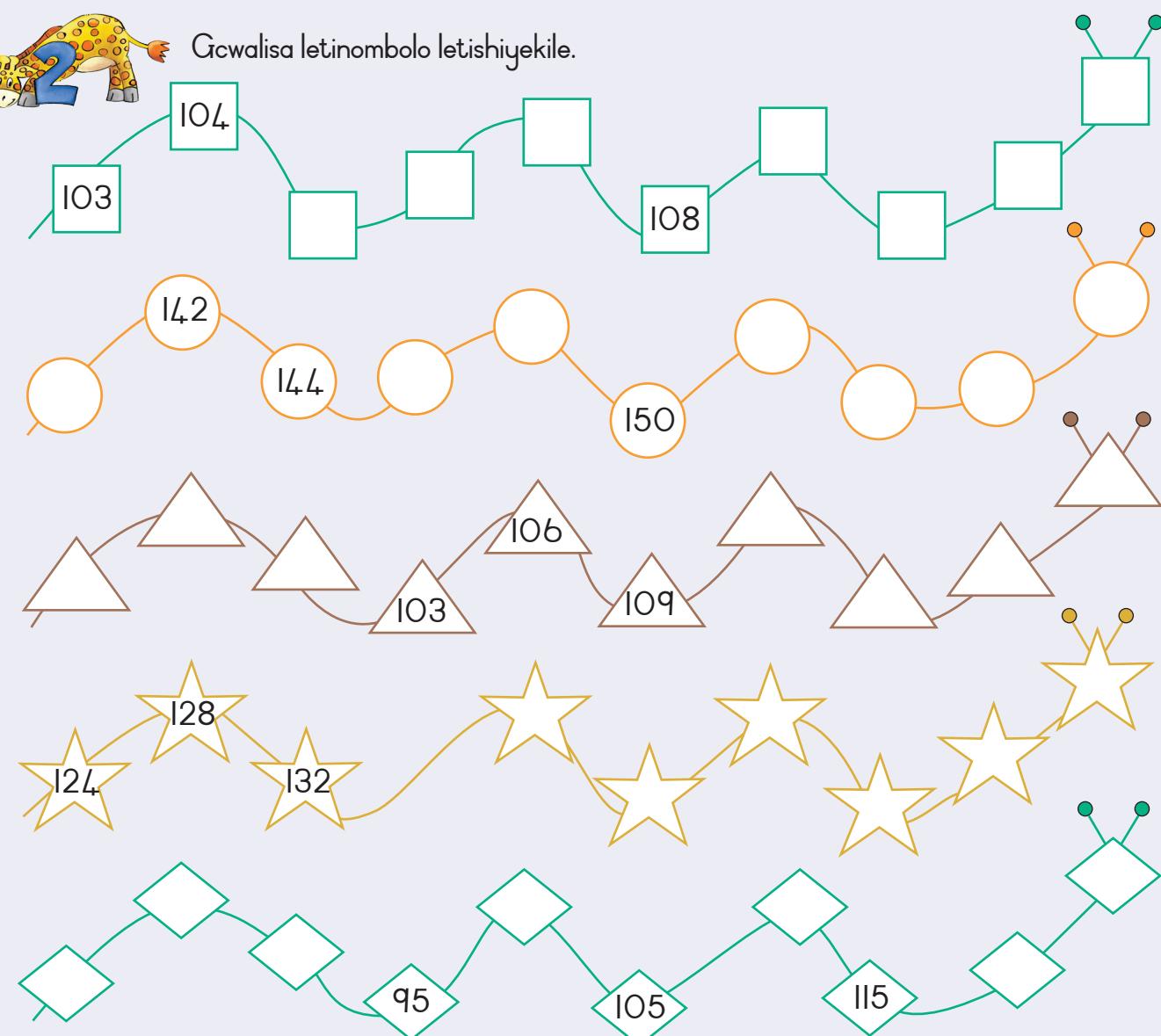


Beka lamakhadi ngekulandzelana kwawo. Kusuka kulelikhulu kuya kulelincane, bese futsi usuka kulelincane uye kulelikhulu.

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



Gcwalisa letinombolo letishiyekile.





Cedzela loku lokulandzelako kubala uye emuva.

128	126	124			118				
160	157	154							
200	195	190							



Cedzela loku lokulandzelako.

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

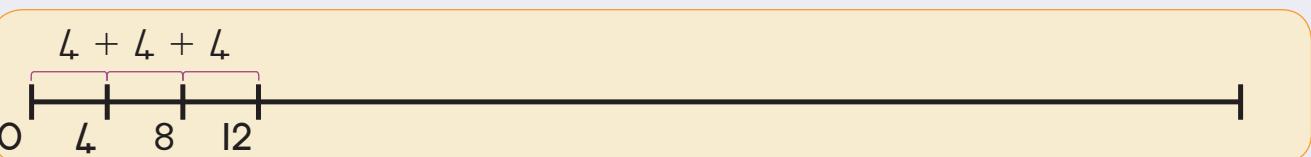
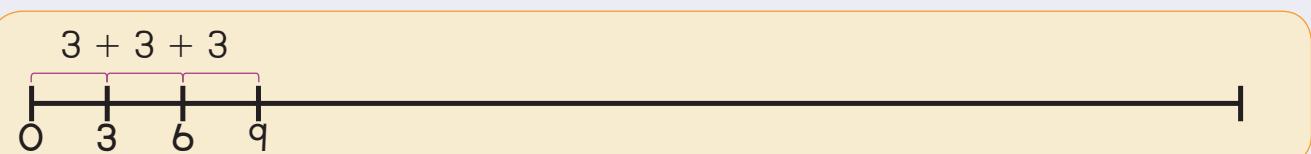
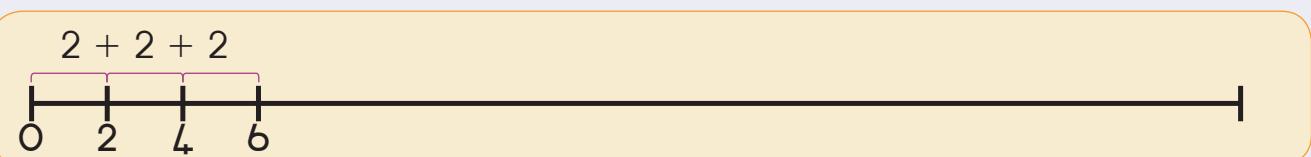
160, 155, 150, ___, ___, ___, ___, ___

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

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



Cedzela lomugca-nombolo.



Sibala ngabobani?

4 20
8 12
16

2 14
8 12
10 4 6

5 15
25 20
30 10

3 21
15 6
18 9 12



113



Lusuku:

Kuphindzaphindza siyachubeka

Ithemu 4

Tonkhe tilwane tinetinyawo leti 4.

Tonkhe tilwane tinemadlebe lama 2.

Litsini linani letinyawo setitonkhe kulesitfombe? Litsini linani lemadlebe sekawonkhe kulesitfombe? 

Buka lesitfombe bese uCedzela loku lokulandzelako:



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

Linani wemagundvwane Tinyawo silwane ngasinye

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

Linani wemagundvwane Emadlebe silwane ngasinye



Cedzela loku lokulandzelako:

3	6	9							
30	27	24							



Cedzela loku lokulandzelako:

$5 \times$ = <input type="text"/> emahhabhula	$4 \times$ = <input type="text"/> bobbanana
$6 \times$ = <input type="text"/> bobbanana	$7 \times$ = <input type="text"/> emahhabhula



Cedzela loku lokulandzelako:

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

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

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

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

$$= 30 + 9$$



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

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

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

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

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

$$= \boxed{}$$



Bangani lababili bawisa tikhwama tabo temapeniseli. Ekhatsi banetintfo letifana ncwe. Basite bo kubuyjsela tintfo tabo etikhwameni.



6

Cedzela loku lokulandzelako:



Yaba leshokolethi ngekulingana emkhatsini wa 2 webantfwana.

Kunombolo
ngayinye tfola

Yaba 15 wemaswidi ngekulingana emkhatsini wa 3 webantfwana.



Kunombolo
ngayinye tfola



Dvweba titfombe kukhombisa timphendvulo takho.

Dvweba sitfombe kusombulula loku lokulandzelako: Yaba 9 wemapeniseli emkhatsini wa 3 webantfwana.

Kunombolo
ngayinye tfola

Yaba 16 wemakhirayoni emkhatsini wa 3 webantfwana.

Kunombolo
ngayinye tfola



11

12

13

14

15

16

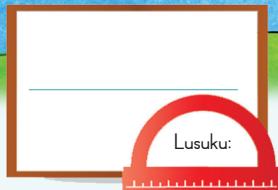
17

18

19

20

114



Kuphindzaphindza lokuhlanganisele

Ithemu 4

Buka loku lokulandzelako, yini loyicaphelako?

$$5 + 5 + 5 = 15$$



$$3 \text{ weticumbi tabo } 5 = 15$$



$$3 \text{ ticumbi tabo } 5 \text{ ngu } 15$$

$$3 \text{ aphindvwe ka } 5 = 15$$

$$3 \times 5 = 15$$

$$5 \times 3 = 15$$



Cedzela lithebula ngentasi. Lesibonelo sitakukhomba indlela.

Yeca kubala	Ticumbi letilinganako	Kuhlanganisa lokuphindzekile	Lokuhlelenjisiwe	Emaciniso
3, 6, 9, 12		$3 + 3 + 3 + 3$ 	$3 \text{ emahele abo } 4$ $3 \times 4 = 12$ $4 \times 3 = 12$	
		$4 + 4 + 4$		$6 \times 5 = 30$ $5 \times 6 = 30$
2, 4, 6, 8, 10, 12				



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

$1 \times 5 =$

$2 \times 5 =$

$3 \times 5 =$

$4 \times 5 =$

$5 \times 5 =$

$6 \times 5 =$

$7 \times 5 =$

$8 \times 5 =$

$9 \times 5 =$

$10 \times 5 =$



Phendvula lemibuto lelandzelako.
Yini loku:

tihlanu letine	
imphindza-kabili ya 6	
6 aphindwe ka 5	
2 aphindzaphindwe nga 4	
8 aphindwe ka 2	



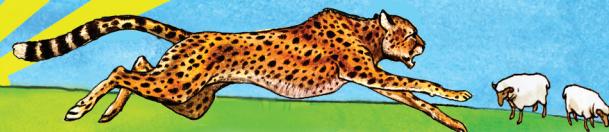
Esikhundleni sesibamba-sikhundla
sebentisa inombolo.

3 ticumbi tabo 2 ngu 6 noma 3 aphindwe ka 2 ngu 6 noma $3 \times 2 =$ <input type="text"/>	
4 ticumbi tabo 3 ngu 12 noma 4 aphindwe ka 3 ngu 12 noma $4 \times 3 =$ <input type="text"/>	
6 ticumbi tabo 3 ngu 18 noma 6 aphindwe ka 3 ngu 18 noma $6 \times$ <input type="text"/> = 18	

Sibalo-nkinga: Kunatintsatfu tinhlavu eluheleni. Kuna 4 wemahele. Tingaki tinhlavu setitonkhe?
Dvweba sitfombe kukhombisa imphendvulo yakho.



115



Kuphindzaphindza siyachubeka futsi

Lusuku:

Buka lesitfombe bese uhlanganisa letimabula.

Ithemu 4



Kujini
kuphindzaphindza?

25 – 10 – 2013	
$4 \times 2 =$	8
$3 \times 4 =$	12
$4 \times 5 =$	20
$2 \times 6 =$	12
Yini 2 tikhatsi letisi 7?	

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

Cedzela:

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

Sebentisa indlela yakho kusombulula loku.

12×2

16×2

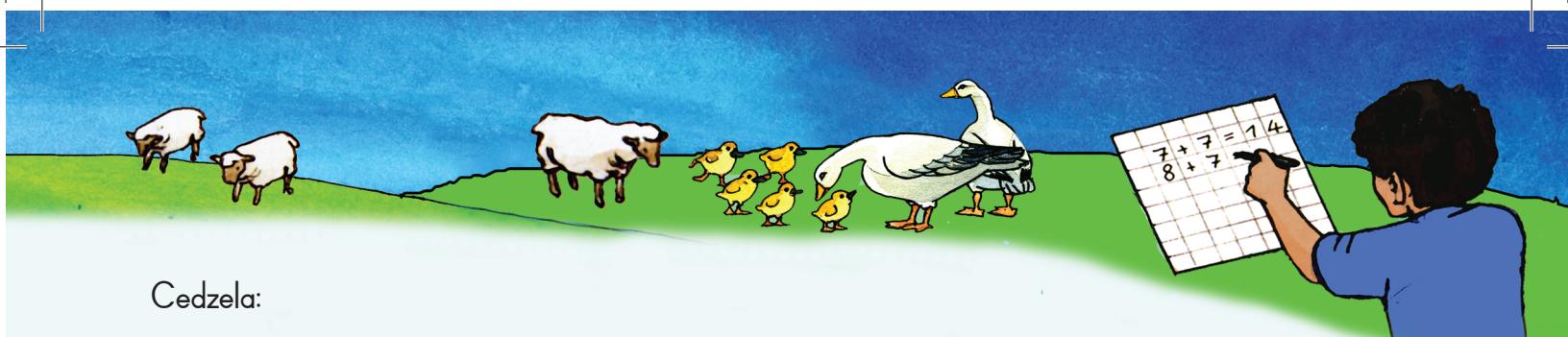
Cedzela:

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

Sebentisa indlela yakho kusombulula loku.

13×3

15×3



Cedzela:

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

Sebentisa indlela yakho kusombulula loku.

$$11 \times 4$$

$$14 \times 4$$

Cedzela:

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

Sebentisa indlela yakho kusombulula loku.

$$12 \times 5$$

$$16 \times 5$$



Kunema-olintji lali 12 esikhwameni. Mangaki ema-olintji lakhona ku:

4 wetikhwama?

5 wetikhwama?

3 wetikhwama?

2 wetikhwama?



Ilba



Emalanga eliviki

Ithemu 4

Hlela kahle lamagama emalanga eliviki.

ILELIBIS

OSOLINTF

MBUKOLUUSMO

SATFULESIT

SINULEHLA

CIBEULOMG

LINESE



Gcwalisa emalanga lashiyiwe.

USmombokulu		Lesitsatfu	
-------------	--	------------	--

Ntfosoli		BisiLeli	
----------	--	----------	--



Bhala phasi emalanga eliviki.

Ntfosoli						
----------	--	--	--	--	--	--



Mangaki emalanga kusuka:

kuMsombuluko kuya kuLesine? _____

kuLesibili kuya kuLesihlanu? _____

kuLesine kuya kuMgcibelo? _____

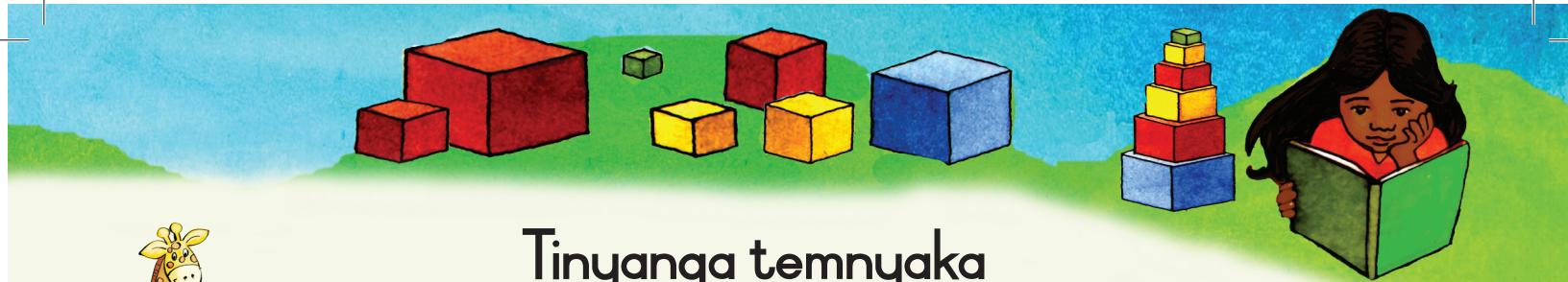


Mangaki emalanga emkhatsini we:

Msombuluko naLesihlanu? _____

Lesibili neMgcibelo? _____

Lesitsatfu naLesihlanu? _____



Tinyanga temnyaka

Hlela kahle letinhlavu temagama etinyanga temnyaka.

HUVULEINDLONK

SABAMA

LWETI

OVANAINDL

TIKHWEINKHWE

NGONINGO

LABAINH

INYOIN

WANELOKH

GCIIN

HALAIMP

ABHIMBINEDVW



Mangaki emalanga lakhona enyangeni ngayinye?

Nedvwabhimbi	iNdlovana	iNdlovulenkhulu	Masaba
31			
Inkhwetikhwe	iNhlabo	Lokhwane	iNgci
iNinyo	iMphala	Tilwe	iNgongoni



Phendvula lemibuto lelandzelako:

Khumbula kutsi ligama
lenyanga ngako-ke kufute
libe nafeleba ngasekucaleni.



Nyanga yini leta embi kweNdlovulenkhulu? _____

Nyanga yini leta emva kweNhlabo? _____



Uma kungukholwane, tingaki tinyanga letise embi kwaloku:

iNyoni? _____

iNgci? _____



Teacher:

Sign:

Date:

llbb



Emalanga, emaviki netinyanga

Ithemu 4

iNgongoni 2015

Lisontfo	uMsombuluko	Lesibili	Lesitsatfu	Lesine	Lesihlanu	uMgcibelo
	I	2	3	4	5	6
7	8	9	10	II	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



Buka lekhalenda uphendvule lemibuto lelandzelako:

Lilanga lini mhla ka I kuNgongoni? _____

Lilanga lini mhla ka 15 ku Ngongoni? _____

Lilanga lini mhla ka 24 kuNgongoni? _____

Lilanga lini mhla ka 12 kuNgongoni? _____



Phendvula lemibuto:

Mangaki emalanga lakhona kuNgongoni? _____

Mangaki emaviki lakhona kuNgongoni? _____

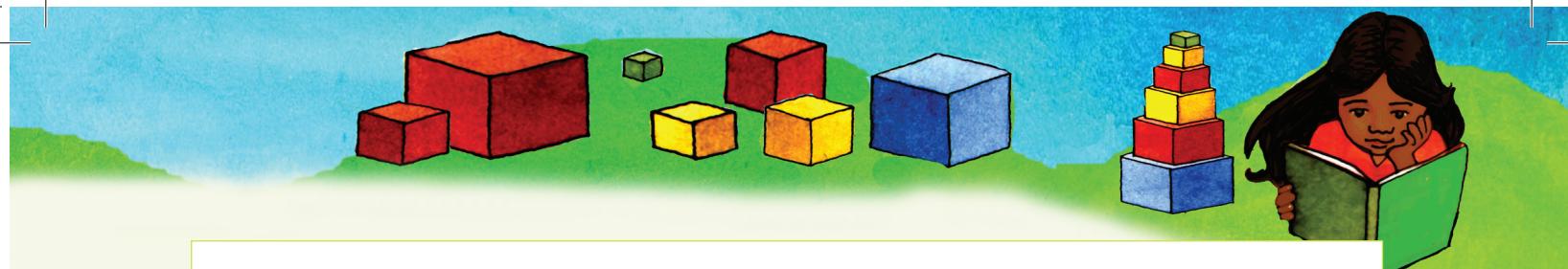
Mangaki emalanga lakhona evikini? _____

Tivala nini tikolo ngeNgongoni? _____

Kwentekani mhla ka 25 kuNgongoni? _____

Kwentekani mhla ka 31 ku Ngongoni? _____

Lilanga lini lelita emva kwemhla ka 31 kuNgongoni? _____



Faka umbala kuto tonkhe tinombolo-mashiyana tibe mtfubi kulekhalenda.

Yini loyibonako? _____

Faka umbala kuto tonkhe tinombolo-maphahla tibe bovu kulekhalenda.

Yini loyibonako? _____



Cedzela lekhalenda. Gcwalisa lomnyaka netinsuku.

Mabasa _____

Lisontfo	uMsombuluko	Lesibili	Lesitsatfu	Lesine	Lesihlanu	uMgcibelo



Lusuku luni futsi lilanga liphi?

Lusuku	Lilanga



Mangaki emalanga kusuka:

	kuya ku		



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Ithemu 4



Emaphethini netinombolo siyachubeka

Chaza lephethini ebhodini letinombolo ngalinye.

I01	I02	I03	I04	I05	I06	I07	I08	I09	I10
III	II2	II3	II4	II5	II6	II7	II8	II9	I20
I21	I22	I23	I24	I25	I26	I27	I28	I29	I30
I31	I32	I33	I34	I35	I36	I37	I38	I39	I40
I41	I42	I43	I44	I45	I46	I47	I48	I49	I50
I51	I52	I53	I54	I55	I56	I57	I58	I59	I60
I61	I62	I63	I64	I65	I66	I67	I68	I69	I70
I71	I72	I73	I74	I75	I76	I77	I78	I79	I80
I81	I82	I83	I84	I85	I86	I87	I88	I89	I90
I91	I92	I93	I94	I95	I96	I97	I98	I99	200



Cedzela lephethini.

I	2	3	4	5	6	7	8	9	10
II	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
I01	I02	I03	I04	I05	I06	I07	I08	I09	I10
III	II2	II3	II4	II5	II6	II7	II8	II9	I20
I21	I22	I23	I24	I25	I26	I27	I28	I29	I30
I31	I32	I33	I34	I35	I36	I37	I38	I39	I40
I41	I42	I43	I44	I45	I46	I47	I48	I49	I50
I51	I52	I53	I54	I55	I56	I57	I58	I59	I60
I61	I62	I63	I64	I65	I66	I67	I68	I69	I70
I71	I72	I73	I74	I75	I76	I77	I78	I79	I80
I81	I82	I83	I84	I85	I86	I87	I88	I89	I90
I91	I92	I93	I94	I95	I96	I97	I98	I99	200



Ngabe lena **yinombolo mashiyana** noma **yinombolo malingana**?
Biyela **inombolo mashiyana** noma **inombolo malingana**.

4	19	21
mashiyana malingana	mashiyana malingana	mashiyana malingana
26	20	18
mashiyana malingana	mashiyana malingana	mashiyana malingana



Gcwalisa lenombolo leshiyekile kucedzela lephethini lephindziwe.

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

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

38, 45, 38, 45, , 45

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

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



Biyela letinombolo
ngembala kukusita
kusombulula letibalo.



Gcwalisa lenombolo leshiyekile kucedzela lephethini lephindziwe.

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

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

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

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

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





Kwaba ngekulingana kusiyisa kumafrakishini

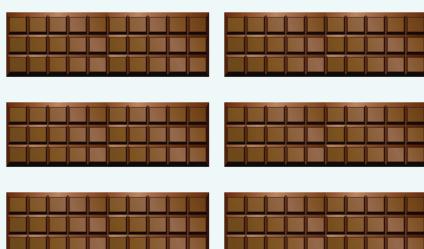
Lusuku:



Yaba lolucebedvu lweshokholethi usho kutsi mangaki emabhułoki latawutfolwa ngumntfwana ngamunye.



Nyalo-ke yaba 6 wetincebedvu teshokholethi emkhatsini wa 3 webantfwana.



Una 3 wemakhekhe. Wabe ngekulingana emkhatsini wa 4 webangani.

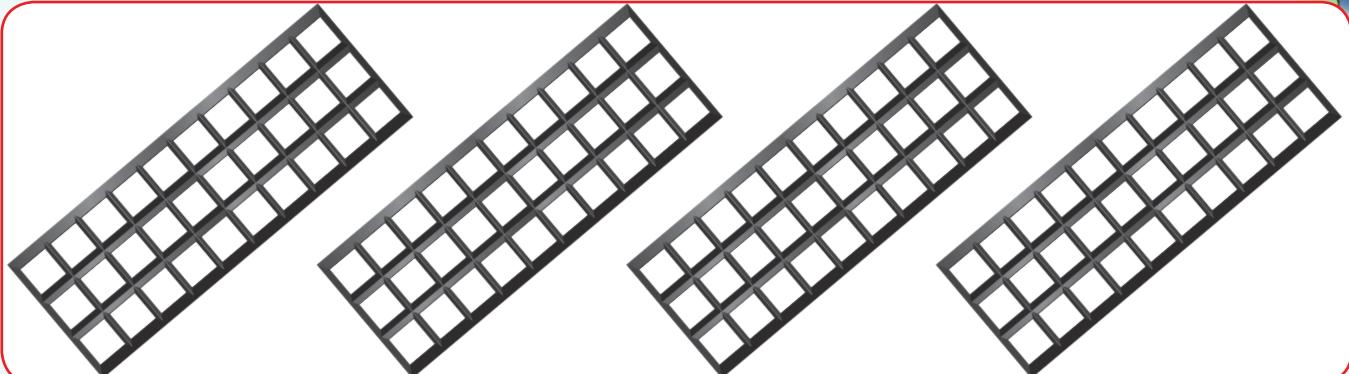


Khombisa imphendvulo yakho ngekwenta umdvwebo ngentasi.

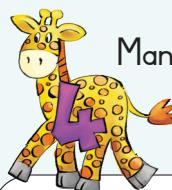
Umntfwana ngamunye utfola incenentsatfu yinye yeshokholethi.

Khombisa imphendvulo yakho ngekwenta umdvwebo ngentasi.

Umntfwana ngamunye utfola incenye yinye ya wemakhekhe.



Ikota yinye ingemabholuki lamangaki eshokholethi? _____



Mangaki emabholuki eshokholethi layincenye-sihlanu yinye? _____

Khombisa ihhafu yinye yaloku lokulandzelako.



Khombisa incenentsatfu yinye temaswidi.



Khombisa incenye-sitfupha yinye yemaswidi.



Yaba II wetincebedvu teshokholethi emkhatsini webangani labane kute kutsi bonkhe batfole linani lelifanako leshokholethi futsi kubete lutfo lolusalako.

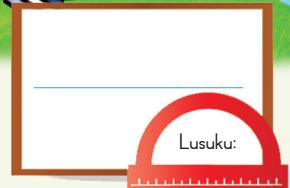


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Nguliphi licala lacalandze lelifisha kakhulu? Lelidze kakhulu?

Budze



Ithemu 4

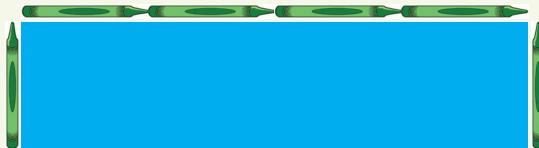


Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.



Phendvula loku lokulandzelako.



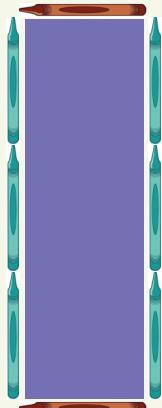
Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.



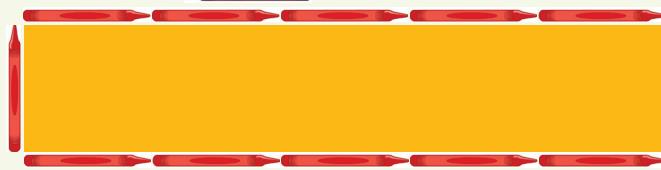
Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.



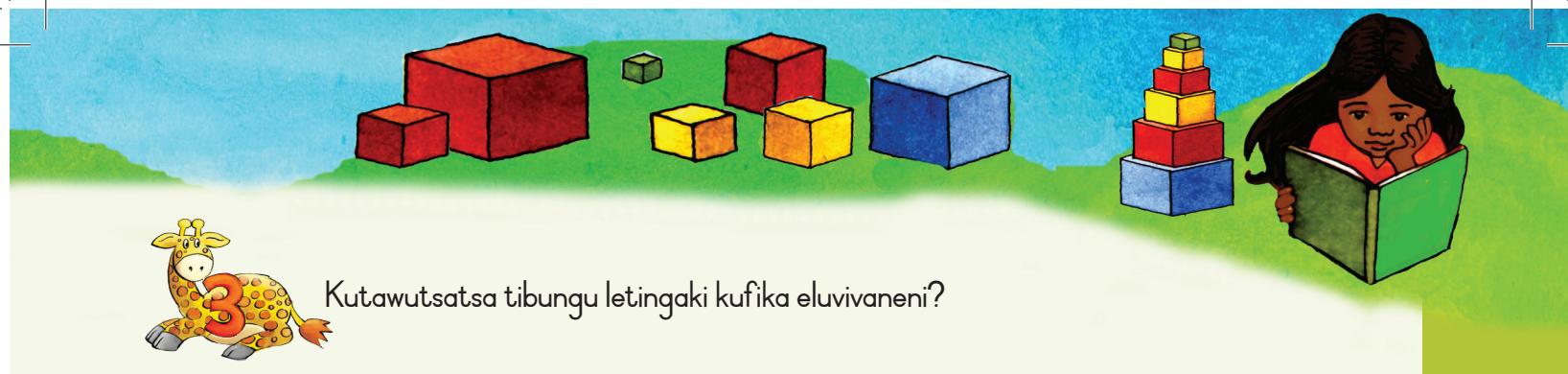
Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.

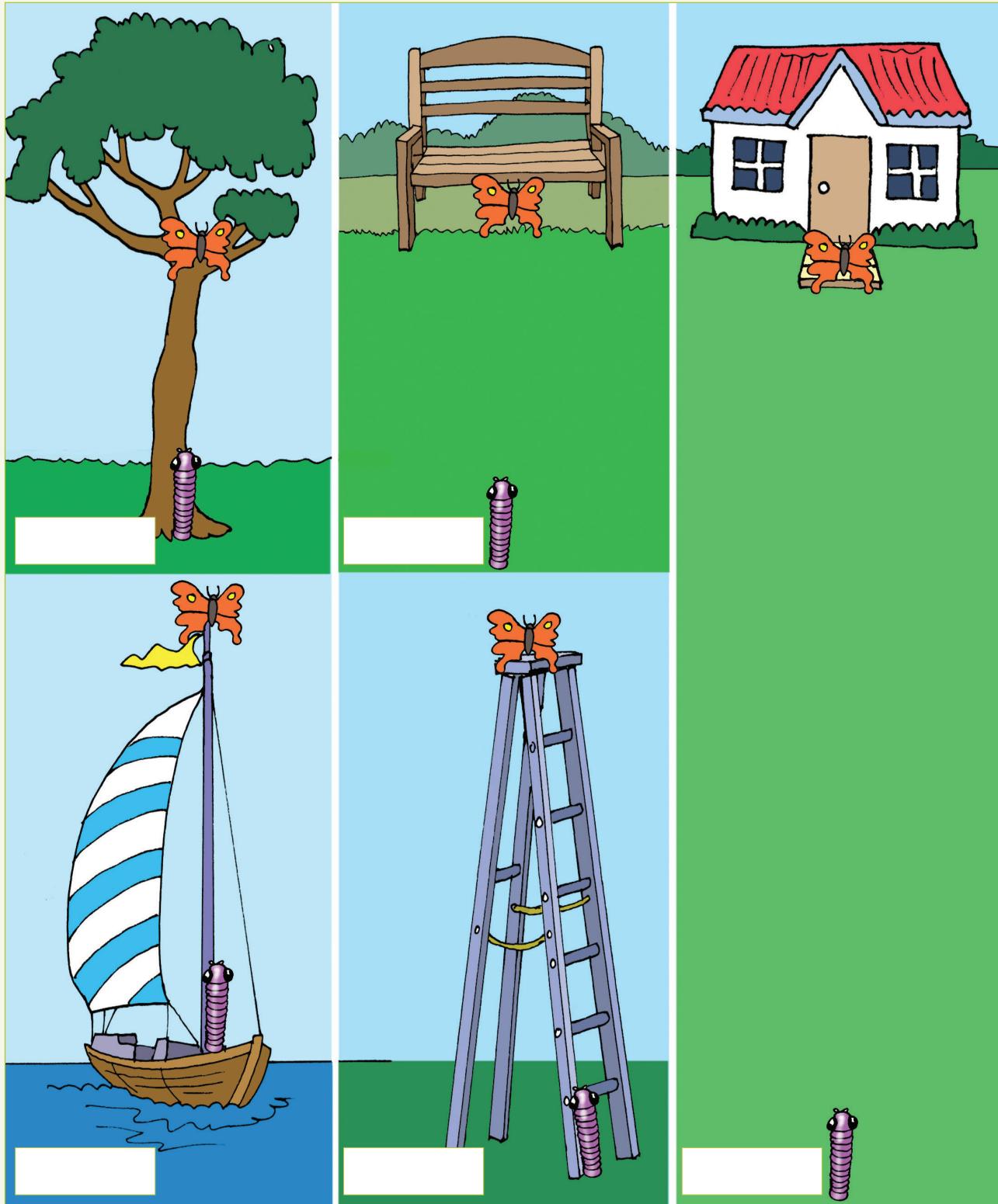


Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.



Kutawutsatsa tibungu letingaki kufika eluvivaneni?



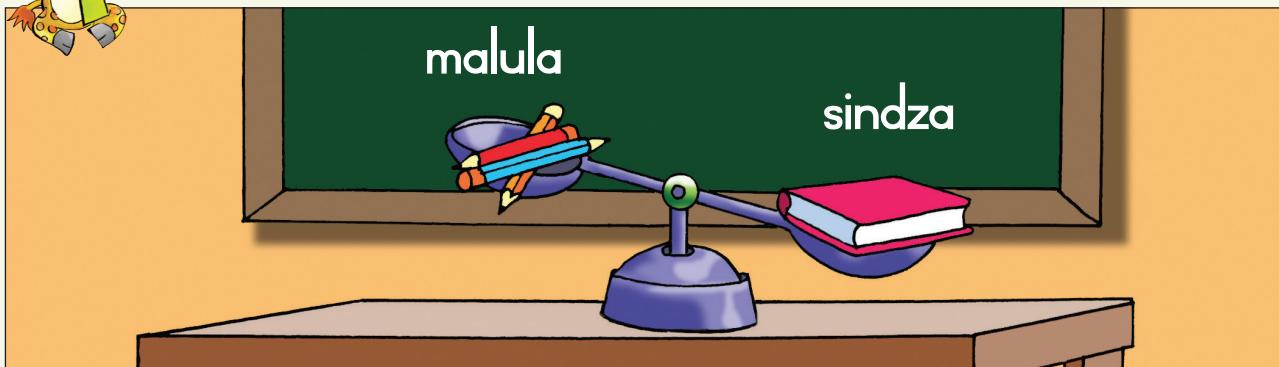
120

Kwesindza neBumalula siyachubeka

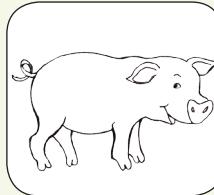
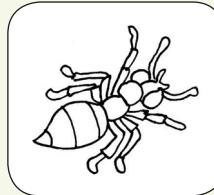
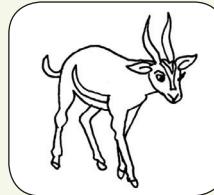
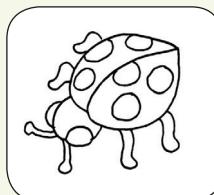
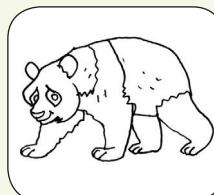
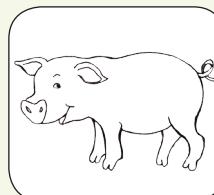
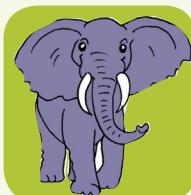
Ithemu 4



Kushoni kwesindza nebumalula?



Faka umbala kulesitfombe noma titfombe kukhombisa tintfo letesindzako kunalena lesesibayeni lesiluhlata.



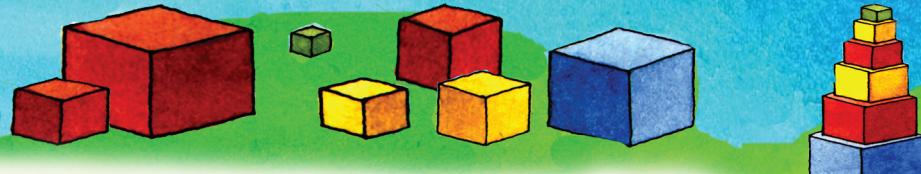
Buka lesitfombe. Tfola titfombe leti-2 tetintfo letimalula. Tinamatsisele lapha.



Buka lesitfombe. Tfola titfombe leti-2 tetintfo letesindzako. Tinamatsisele lapha.



Ase usho kutsi letikali tiyalingana yini noma cha.



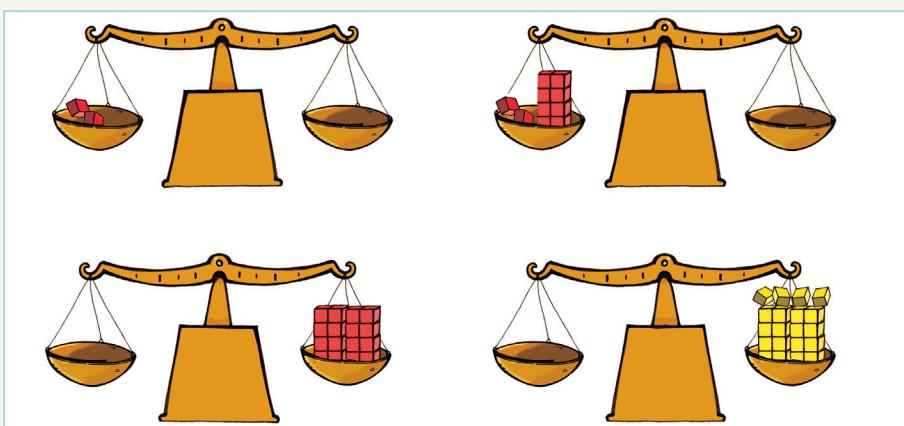
Yenta letikali tilingane. Yenta umdvwebo etikalini letite lutfo.



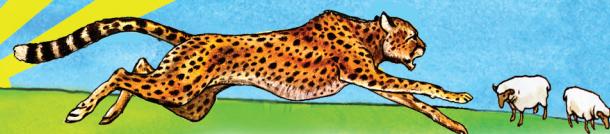
Dvweba imidvwebo kwenta letikali tibe liciniso.



Yenta letikali tilingane uma $\boxed{\text{red}} = \boxed{\text{yellow}} \quad \boxed{\text{yellow}}$.



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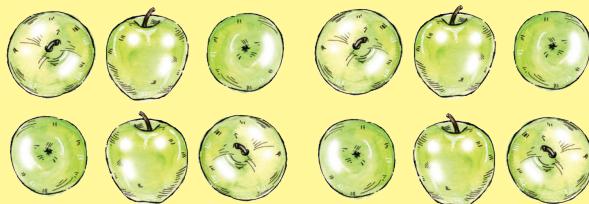


Siyachubeka:

kwabelana kusiholela kumafrakishini

Ithemu 4

Yaba lamahhabhula emkhatsini webangani labatsatfu.



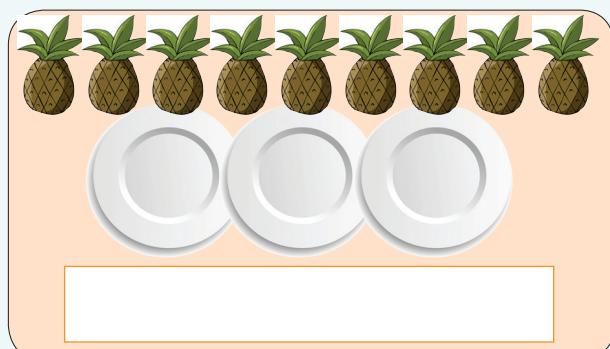
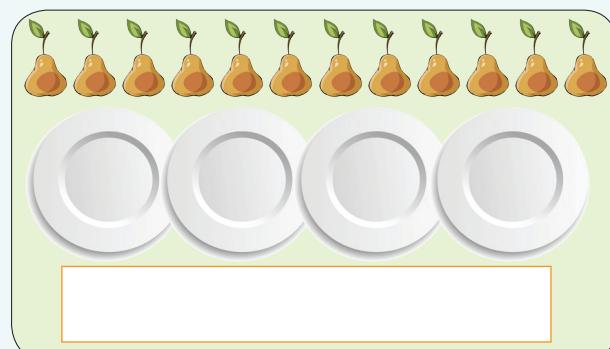
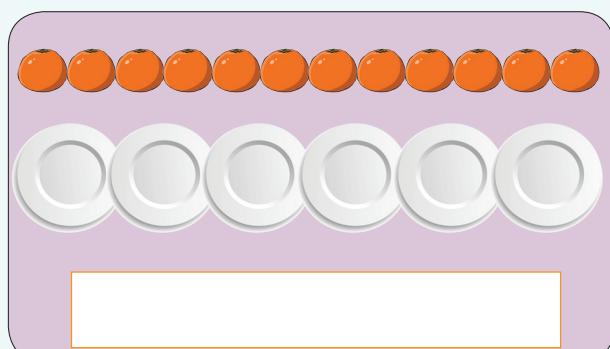
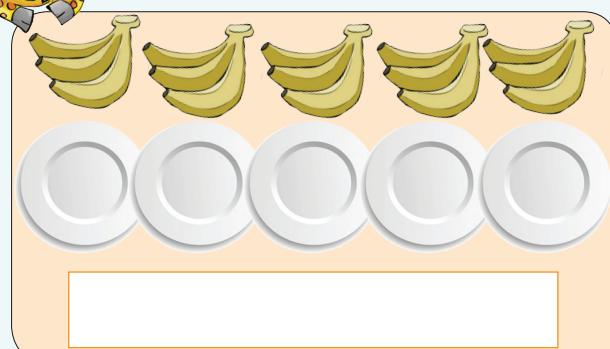
Amunye utfola mangaki emahhabhula? Mane.

Yifrakishini (incenye) yini yemahhabhula
asawonkhe letfolwe ngumuntfu ngamunye?
Incenyentsatfu yinye.

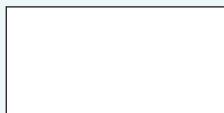


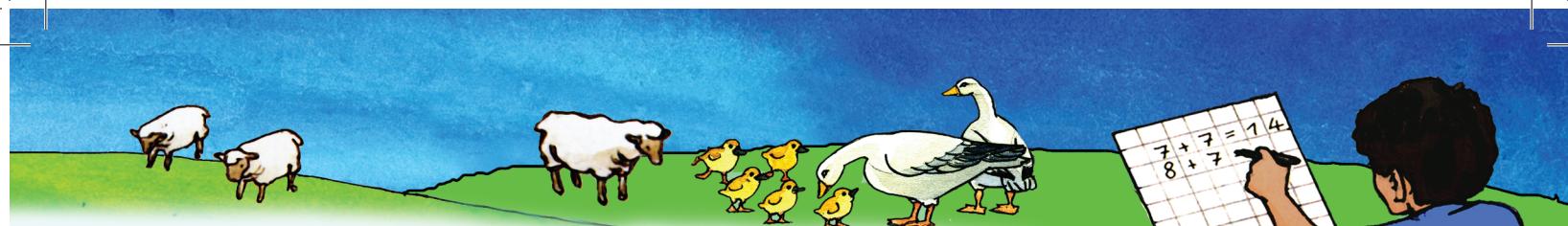
Buka lesibonelo ngetulu bese ucedzela loku lokulandzelako.

- Yaba sitselo emkhatsini wemanani lehlukene ebangani.
- Shano kutsi umngani amunye utfola frakishini yini.



Gogo upha Gugu 12 wema-orintji. Gugu wenta ijsi
ngancenyentsatfu yinye yema-orintji. Mangaki ema-orintji
lawasebentisile?

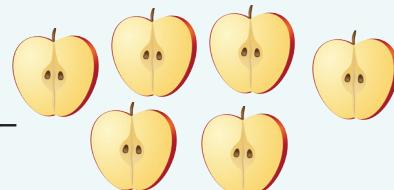




Emahhabhula lamatsatfu



asikwe aba bohhafu



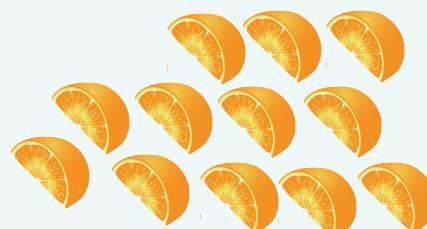
Bangaki bantfwana labangatfola ihhafu amunye? _____



Ema-orientji lamane



asikwe aba tincenyentsatfu.



Bangaki bantfwana labangatfola incenyentsatfu yinye ngamunye? _____



Emahwabha lamibili



asikwe aba tincenye-sitfupha.



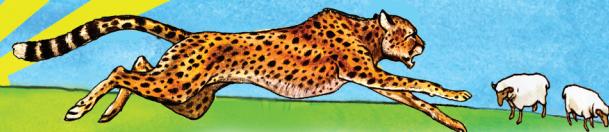
Bangaki bantfwana labangatfola incenye-sitfupha yinye ngamunye? _____



Umceceshi webhola yetandla upha umdlali
ngamunye ihhafu yeli-orientji.

Kuna 14 webadlali. Udzinga mangaki ema-orientji?

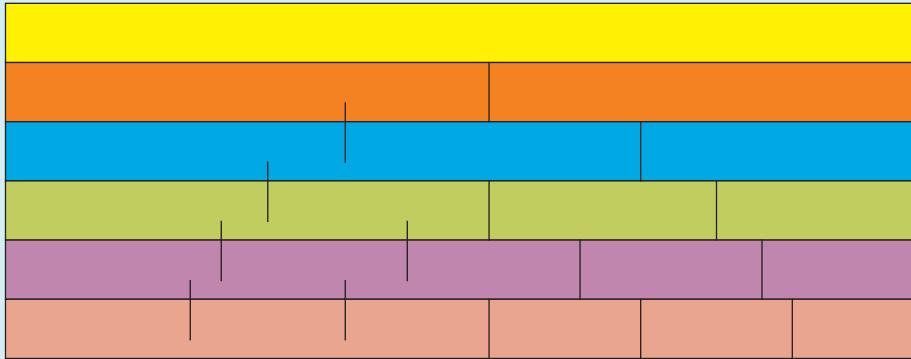




Emafrakishini

Ithemu 4

Lusho kutsini lucu ngalunye? Lamagama langesancele angakusita. Condzanisa ligama nelucu.



incenyentsatfu yinye

incenye-sihlanu yinye

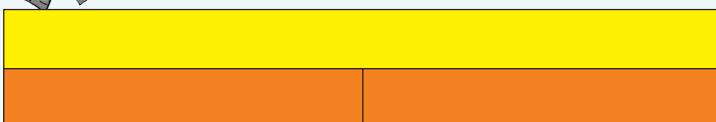
ihhafu yinye

incenye-sitfupha yinye

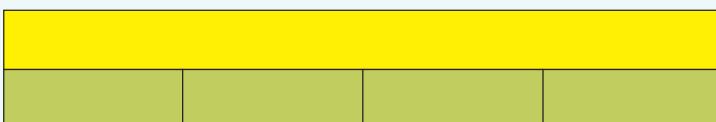
ikota yinye



Cedzela loku lokulandzelako.



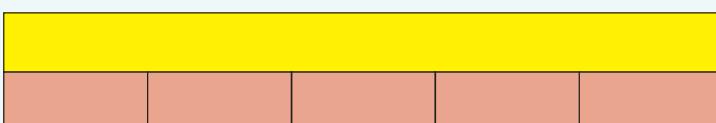
2 wabohhafu uyafana na _____ logcwele.



4 wemakota uyafana na _____ logcwele.



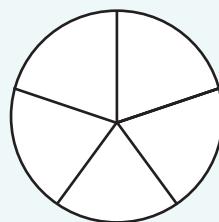
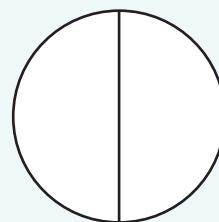
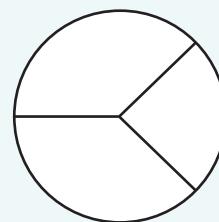
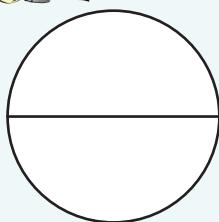
3 waboncenyentsatfu uyafana na _____ logcwele.

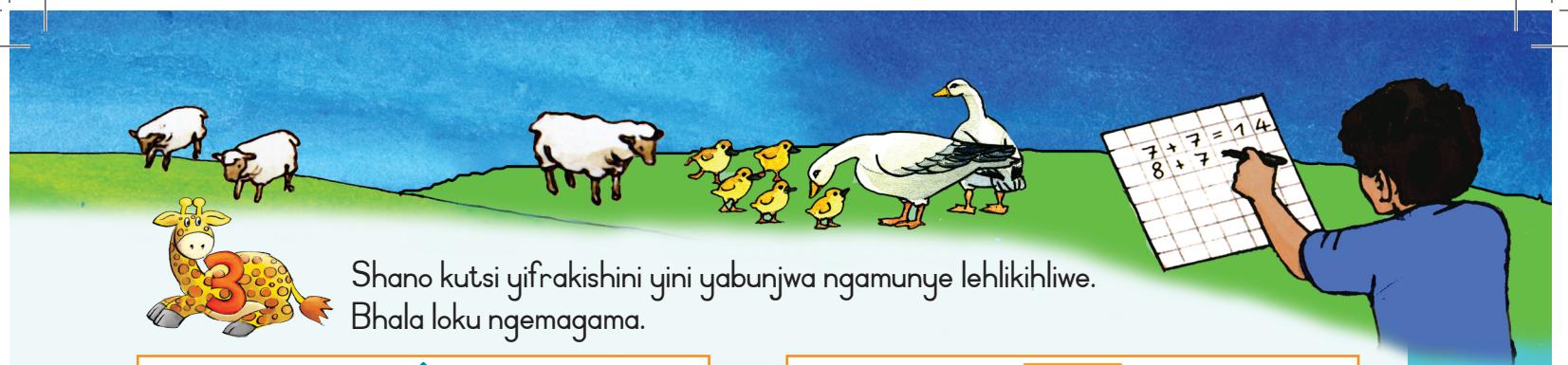


5 wetincenye-sihlanu uyafana na _____ logcwele.

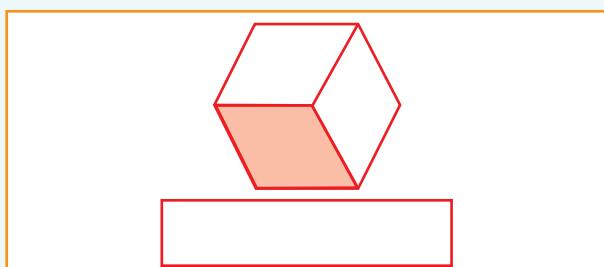
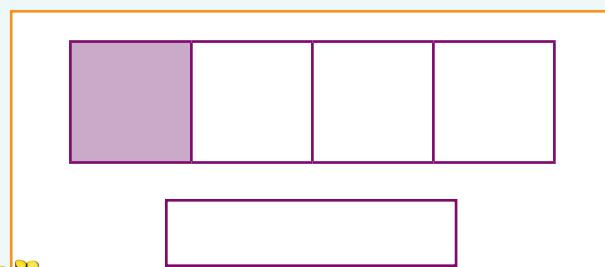
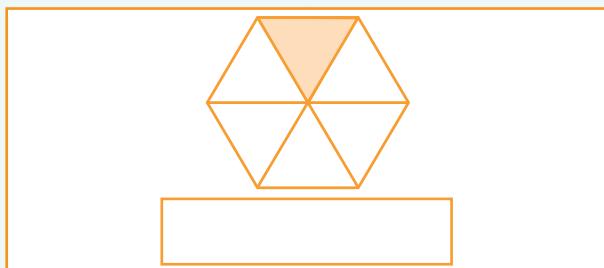
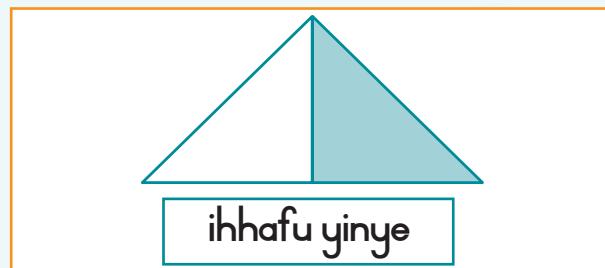


Faka umbala kuloku lokulandzelako. Yini loyicaphelako?

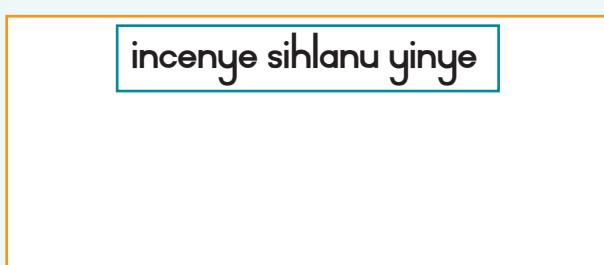
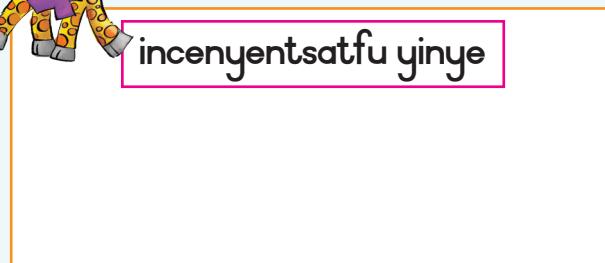




Shano kutsi yifrakishini yini yabunjwa ngamunye lehlikihliwe.
Bhala loku ngemagama.



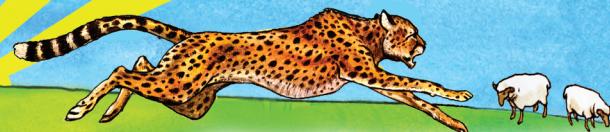
Dvweba bobunjwa kukhombisa loku lokulandzelako Sebentisa tikwеле,
bocalandze netindilinga.



Buta make wakho noma loyo lohlala naye kutsi yini latayitsenga lenguloku:

- Ihhafu yinye yentfo:
- Incenyentsatfu yinye yentfo:
- Ikota yinye yentfo:
- Incenye-sitfupha yinye yentfo:





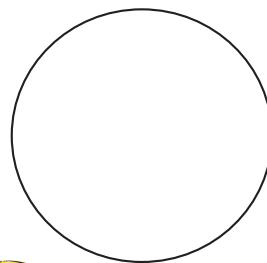
Siyachubeka ngemafrikishini

Ungatsandza lucetu lolubuya kuliphi likhekhe. Kungani?

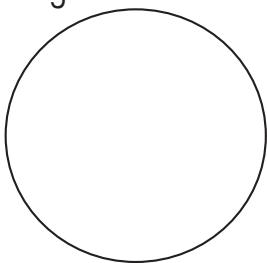


Umngani wakho ukucela kutsi wehlukanise ipitsa ibe tincetu letilinganako.
Yenta umdvwebo kukhombisa ngakunye kwaloku.

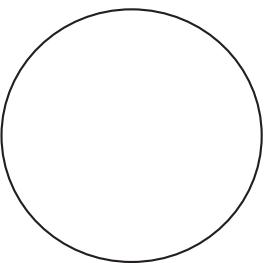
Bohhafu



Boncenyentsatfu



Emakota



Faka lophawu (✓) emphendvulweni lengiyo.

Wena nemngani wakho
nidle babili bohhafu bepitsa.
Kunganani lenikudlile?

Thabo, Sipho na John badle batsatfu
boncenyentsatfu bepitsa.
Kunganani labakudlile?

Lindi, Susan, Lerato na Palesa
badle yinye ipitsa legcwele.
Kunganani labakudlile?

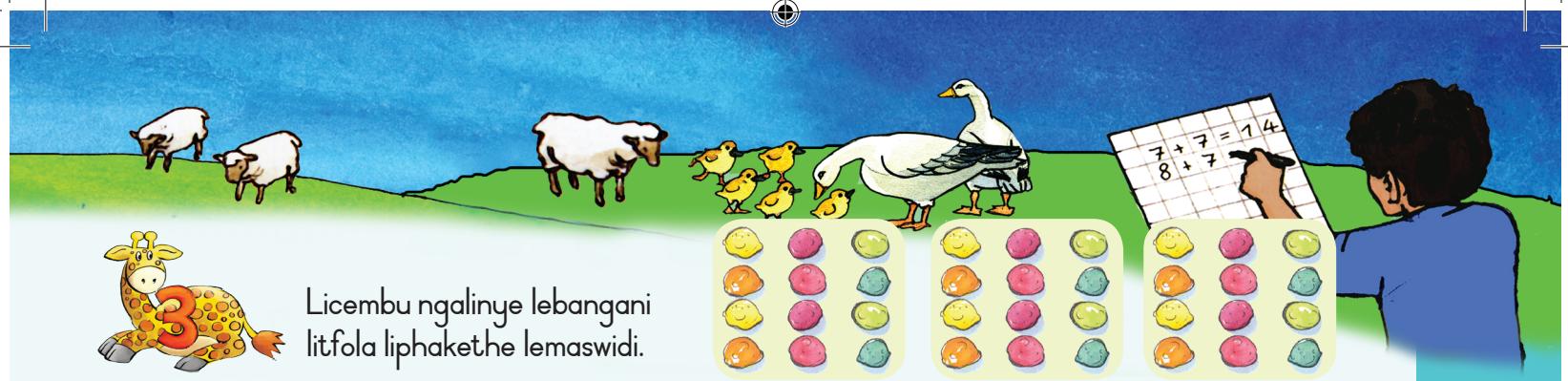
- Ihhafu yinye yepitsa noma
- Ipitsa yinye legcwele?

- Incenyentsatfu yinye yepitsa noma
- Ipitsa yinye legcwele?

- Ikota yinye noma
- Emakota lamane?

Phendvula lemibuto lelandzelako:

- Uma ngehlukanisa ipitsa ngetincenye-sihlanu tingaki tincenye-sihlanu lokufute sitidle kute siyidle yonkhe ipitsa legcwele? _____
- Uma ngehlukanisaa likhekhe ngetincenye-sitfupha tingaki tincenye-sitfupha lokufute sitidle kute silidle lonkhe likhekhe leligcwele? _____



Licembu ngalinye lebangani
litfola liphakethe lemaswidi.



Licembu	1	2	3
Bantfwana ecenjini	2	3	4
Mangaki emaswidi latawutfolwa ngumngani ngamunye uma emaswidi abiwe ngekulingana?			
Faka luphawu (✓) ecenjini lofunu kuba kulo. Kungani?			
Mangaki emaswidi latakuba nguloku lokulandzelak? Yini loyicaphelako?	Bibili bohhafu	Batsatfu boncenyentsatfu	Mane emakota



Faka umbala kumafrakishini lafanako nakunye lokugcwele.

matsatfu emakota

batsatfu boncenyentsatfu

tine tincenye-sihlanu

mabili emakota

bibili bohhafu

sihlanu setincenye-sihlanu

timbili tincenye-sihlanu

timbili tincenye-sihlanu

yinje ikota

incenyentsatfu yinje

tintsatfu tincenye-sihlanu

ihhafu yinje

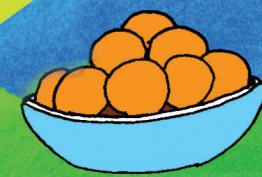
mane emakota

bibili boncenyentsatfu

Ungatsandzani, mane emakota eshokholethi noma yinje ishokholethi legcwele? Kungani?

Teacher: _____
Sign: _____
Date: _____

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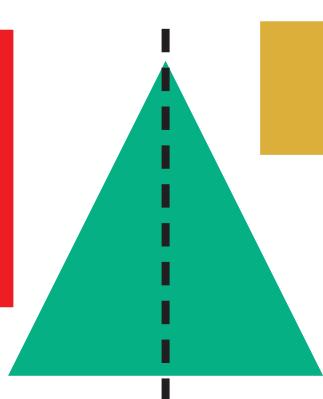
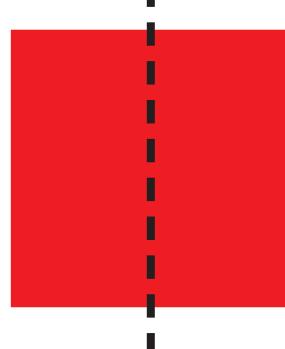
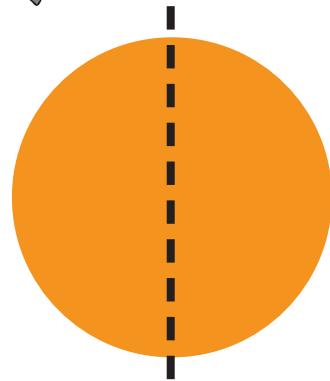
Lusuku:

Umugca – sibuko nabobunjwa

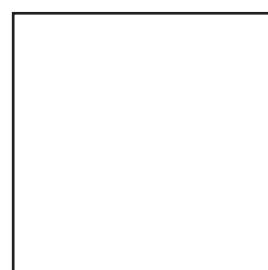
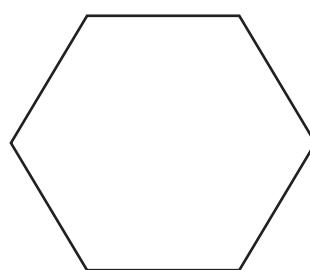
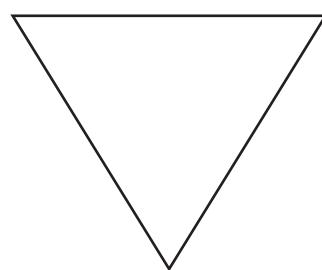
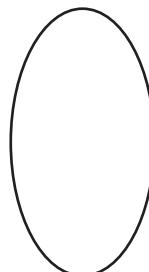
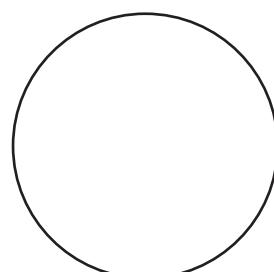
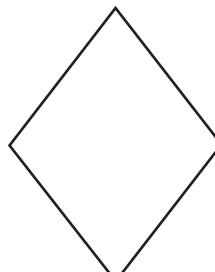
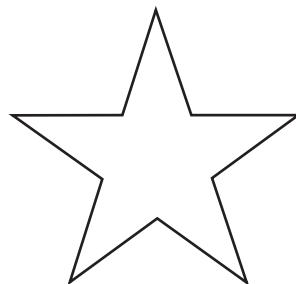
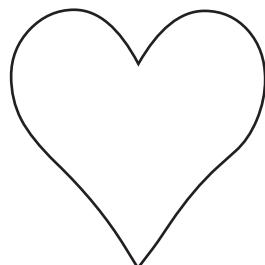
Ithemu 4

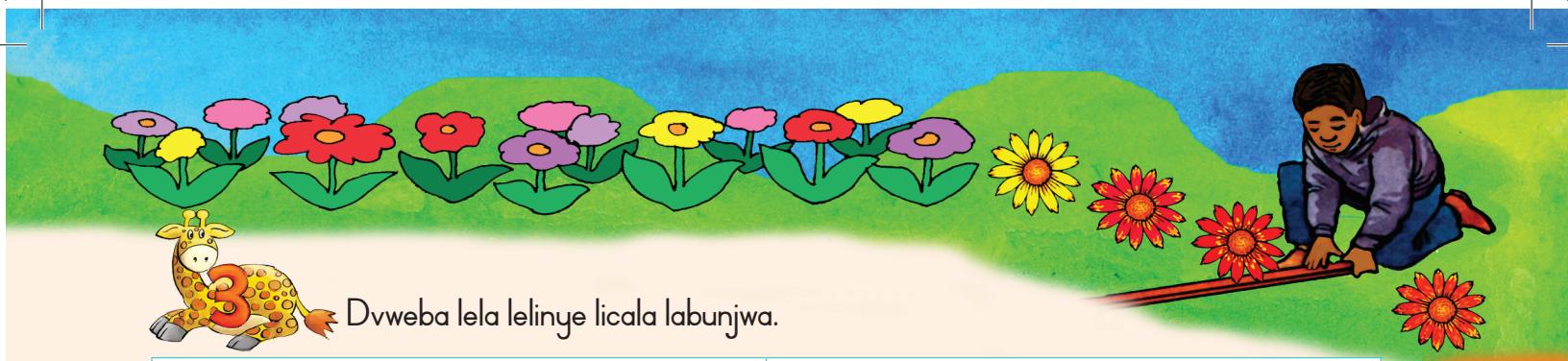


Buka letitfombe tabobunjwa. Ngabe licala linye labunjwa libukeka lifana nalela lelinye licala? Ngabe asibuko salelinye yini?



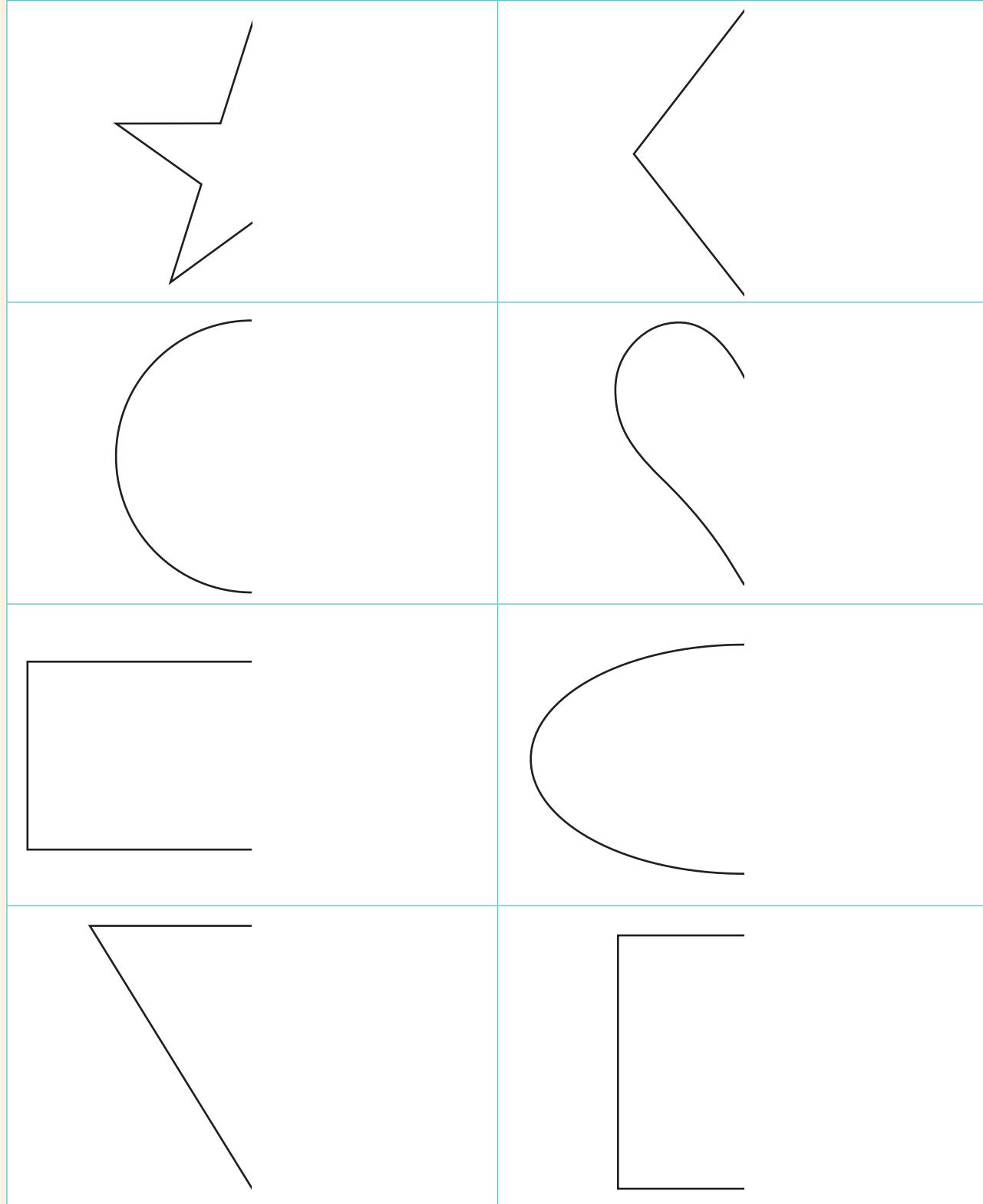
Dvweba umugca khona licala linye labunjwa libukeke lifana ncwe nalela lelinye licala.





3

Dwweba lela lelinye licala labunjwa.



Teacher:
Sign:
Date:

11

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13

14

15

16

17

18

19

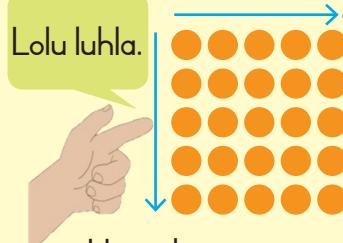
20

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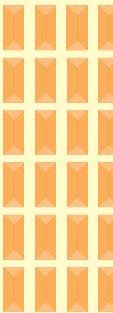


Emareyi nemafrakishini

Niketa bafundzi letitfombe letilandzelako. Babute kutsi bangatibala masinyane kanganani letintfo leti.



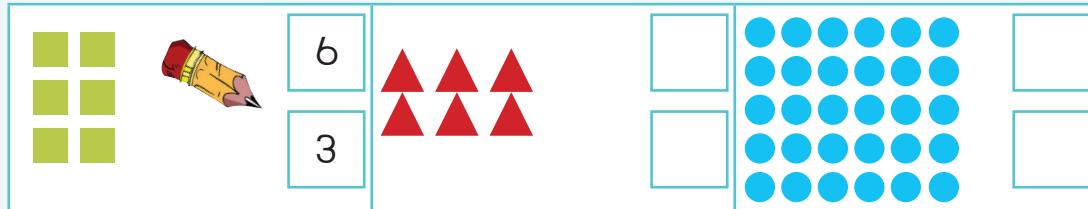
Lolu luhele.



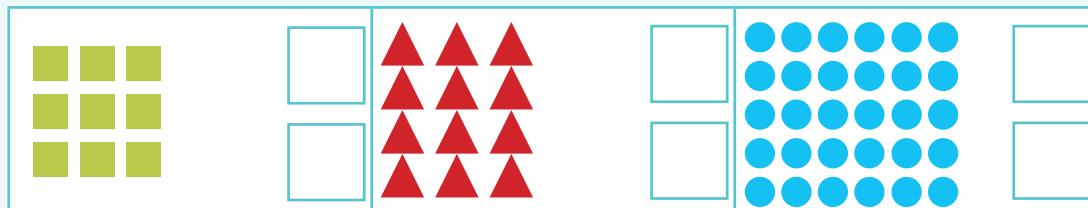
Uwasebentise njani emahele netinhla kukusita?



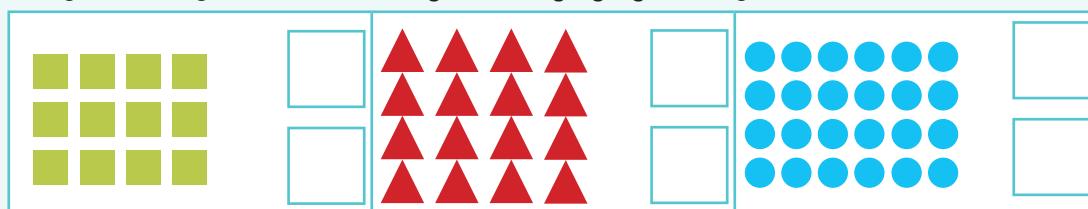
Bangaki bobunjwa labakhona? Iyini ihhafu yinye yalabunjwa?



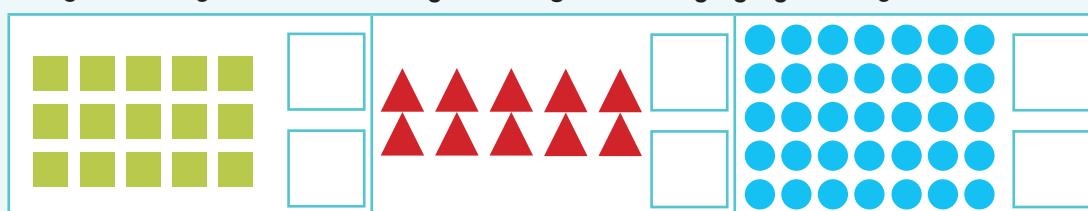
Bangaki bobunjwa labakhona? Iyini incenyentsatfu yinye yabunjwa?

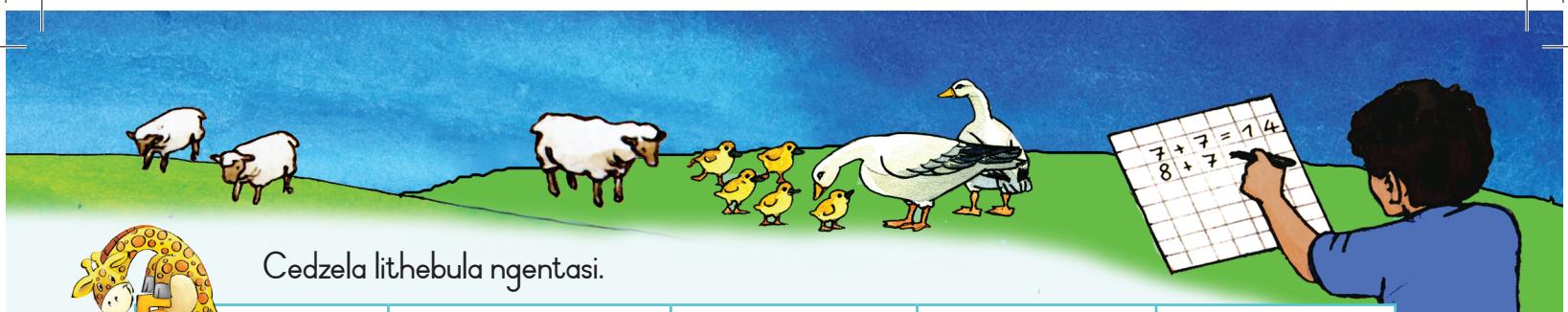


Bangaki bobunjwa labakhona? Iyini ikota yinye yabunjwa?



Bangaki bobunjwa labakhona? Iyini incenye-sihlanu yinye yabunjwa?





Cedzela lithebula ngentasi.



Kuphindzaphindza
umusho nombolo

Kwehlukanisa
umusho nombolo

Iyini

Iyini



$$2 \times 3 = 6$$

noma

$$3 \times 2 = 6$$

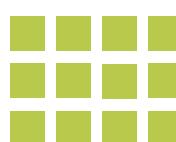
$$6 \div 2 = 3$$

noma

$$6 \div 3 = 2$$

ihhafu yinye
yaletintfo?
3

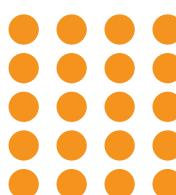
incenyentsatfu
yinye
yaletintfo? 2



$$\text{[empty grid]}$$

incenyentsatfu
yinye
yaletintfo?

ikota yinye
yaletintfo?



$$\text{[empty grid]}$$

ikota yinye
yetintfo?

incenye-
sihlalu yinye
yaletintfo?



Sebentisa butjoki kukhombisa:

Ikota yinye ya 12 wemaswidi.

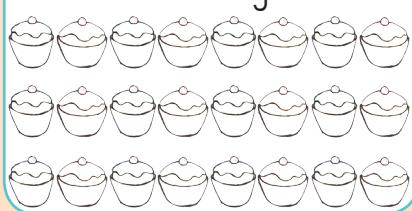
Incenyentsatfu yinye ya 12
wemaswidi.

Ihhafu yinye ya 12 wemaswidi.

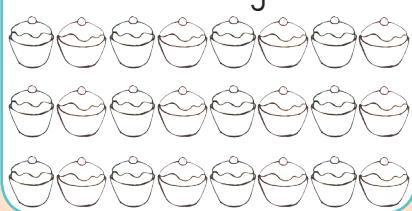
Make ubhake 24 wemakhekhanu abhakela umkhakha ngamunye waletindzawo letilandzelako.

Loku ngulabaku-odile: Sebentisa letifombe temakhekhanu kukukhombisa indlela.

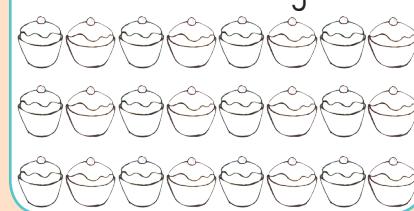
ihhafu yinye strobheri bese
lokusele kuba yivanila



ikota yinye ishokholethi bese
lokusele kuba yivanila



incenyentsatfu yinye ikharameli
bese lokusele kuba yivanila



Teacher:

Sign:

Date:

11

12

13

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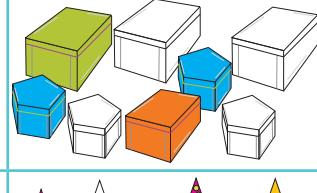
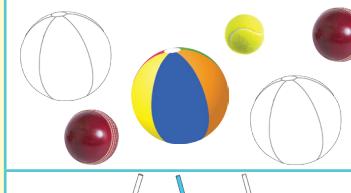
Ifrakishini yesicumbi setintfo

Lusuku:

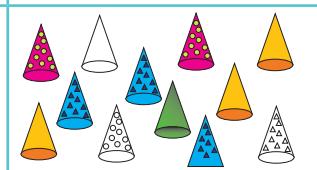
Ithemu 4

Buka letinchazelo bese uticatsanisa naletitfombe kukhombisa kutsi yifrakishini yini yaletintfo lefakwe umbala. Cocani ngako.

I ihhafu yesicumbi setintfo



I incenyentsatfu yesicumbi setintfo

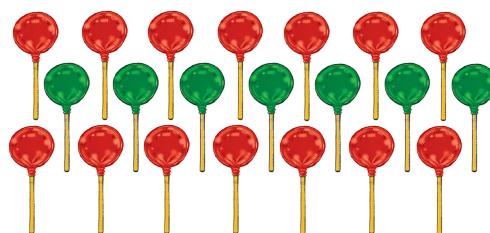


I ikota yesicumbi setintfo

I incenye-sihlanu yesicumbi setintfo



Yakha wakakho umusho ngaletitfombe lettingentasi. Udzinga kufaka emagama emafrakishini emishweni yakho.





Sombulula letibalo-magama. Make bekanendali yetintfo letinyenti ...

Bekana 15 wetikipa. Utsengise 5.
Utsengise ifrakishini yini?

Dvwebela umbuto.

Ngutiphi tinombolo-nsika? _____

Dvweba sitfombe kukhombisa imphendvulo yakho.

Bekana 18 emajezi. Utsengise 9.
Utsengise ifrakishini yini?

Dvwebela umbuto.

Ngutiphi tinombolo-nsika? _____

Dvweba sitfombe kukhombisa imphendvulo yakho.

Bekana 12 tiketi. Utsengise 3.
Utsengise ifrakishini yini?

Dvwebela umbuto.

Ngutiphi tinombolo-nsika? _____

Dvweba sitfombe kukhombisa imphendvulo yakho.

Bekana 20 emabhanjji. Utsengise 4.
Utsengise ifrakishini yini?

Dvwebela umbuto.

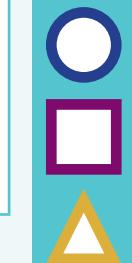
Ngutiphi tinombolo-nsika? _____

Dvweba sitfombe kukhombisa imphendvulo yakho.



Yifrakishini yini yemakhekhana lenongwe ngetulu ngashukela wabhanana?

Westrobheri? Webhabuli-gamu?



Teacher: _____
Sign: _____
Date: _____

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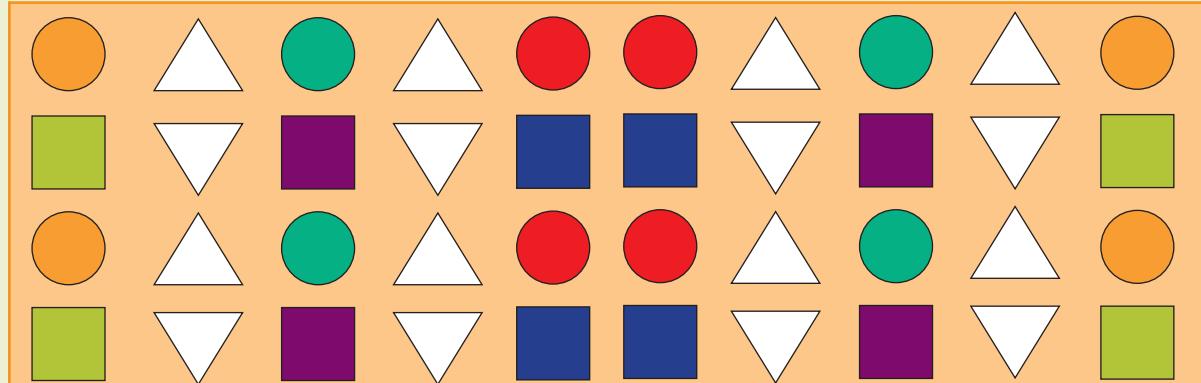
Umugca – sibuko kumaphethini



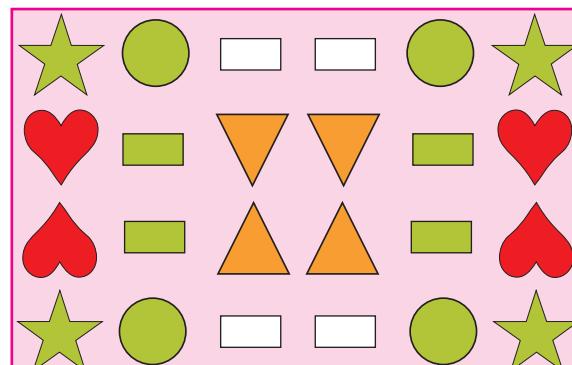
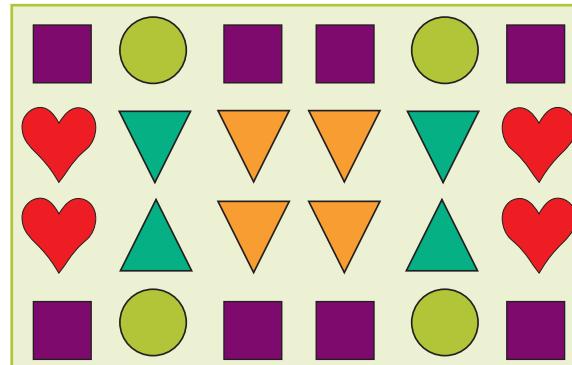
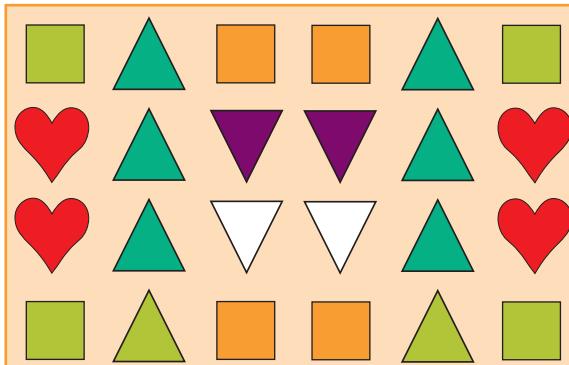
Lusuku:

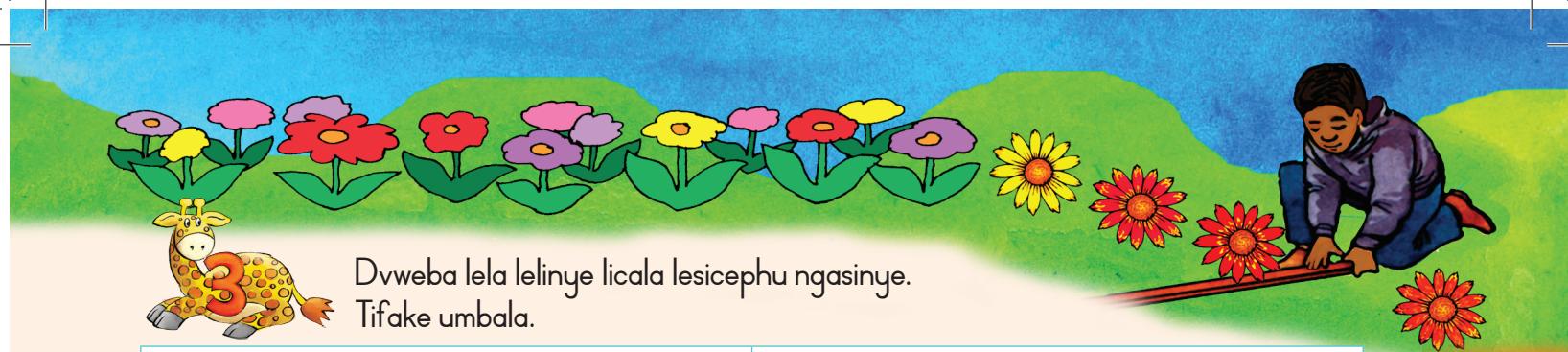
Ithemu 4

Buka letitfombe kulengubo leticephu-ticephu. Yini loyibonako?

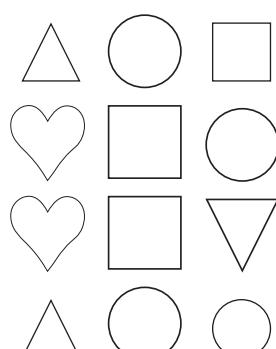
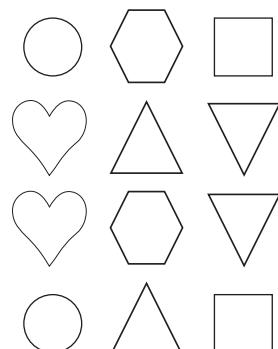
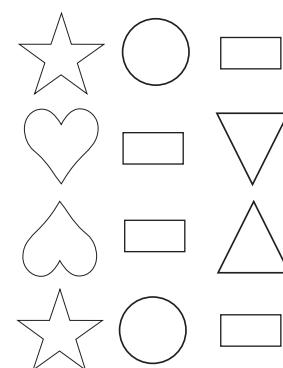
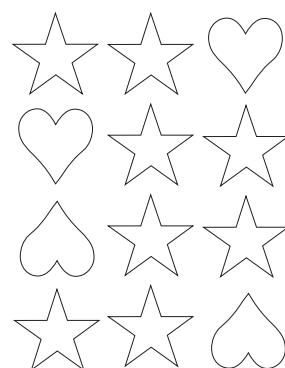
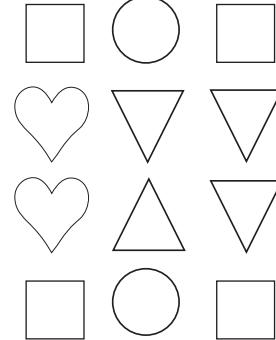
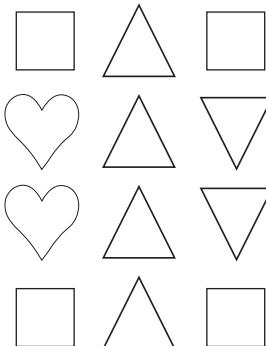


Dweba imigca khona licala ngalinye laleticephu libukeke lifana ncwe nalela lelinye licala.





Dvweba lela lelinye licala lesicephu ngasinye.
Tifake umbala.



120 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

Umugca-sibuko siyachubeka

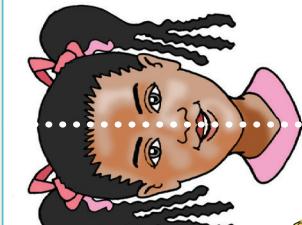
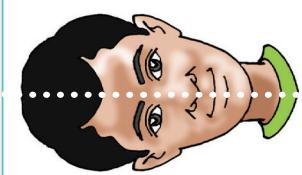
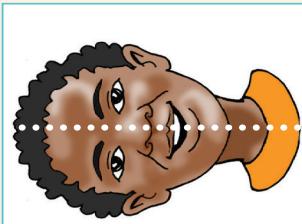
Buka letifombe lebuso.
Ngabe lencenye lenye yebuso iujafana yini nangale kulelinye licala?

Ithemu 7

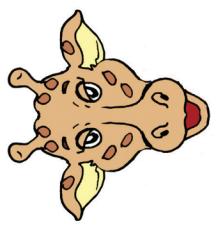
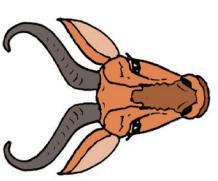
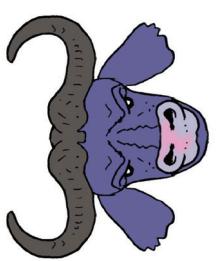
128



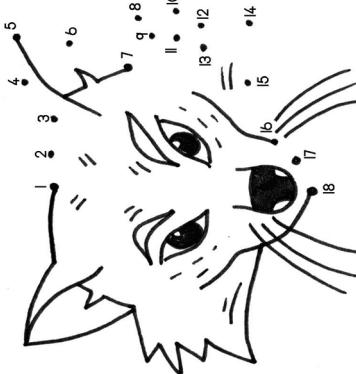
Lusukc



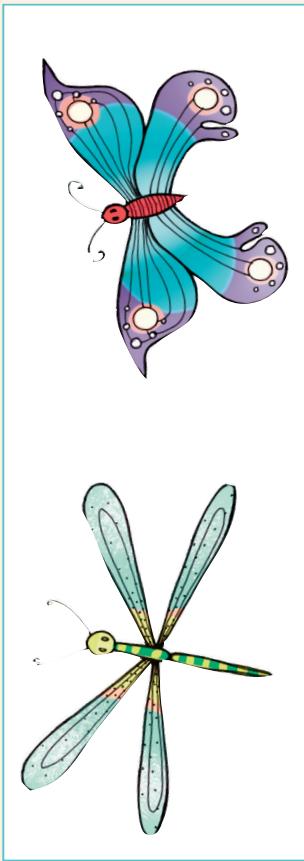
Dweba umugca khona licala lebuso litowubuketa lifana nowe nangale kulelinye licala.



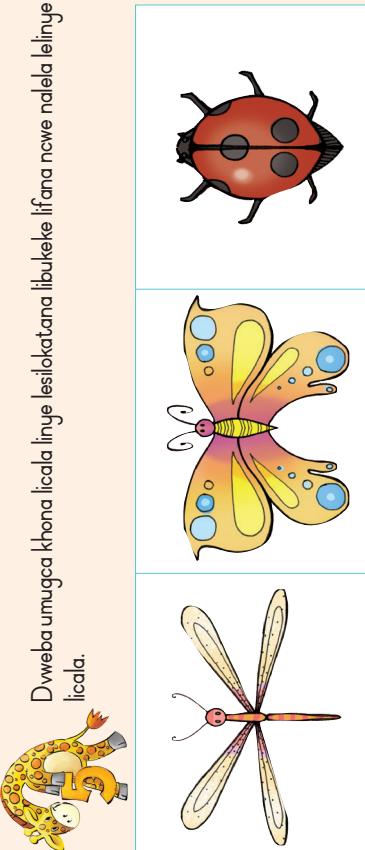
Dweba leta lelinye licala lebuso.
Lephethini yetinambolo itakusita.



Buka letifombe tabobunija. Ngabe licala linje lesilokatana
libukka lifana yini naleta lelinye licala?



Dweba umugca khona licala linje lesilokatana libukka lifana nowe naleta lelinye
licala.



Dweba leta lelinye licala letilokatana.

