



Nkhskt. Angie Motshekga,
iNdvuna yeMfundvo yeSisekelo



UMnu Enver Surty, Liphini
iNdvuna yeMfundvo
yeSisekelo

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

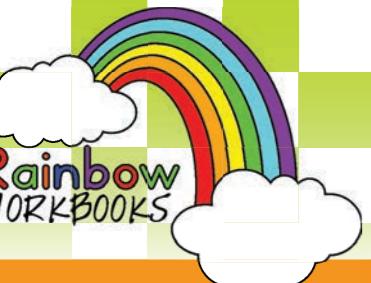
LeTincwadzi Tekusebentela takaRainbow tiyincenye yemitamo yaleLitiko leTemfundvo yeSisekelo yekutfutfukisa bafundzi baseNingizimu Afrika emabangen iekucala lasitfupha ekufundza. Njengalomunye wemigomo lehamba embili eLuhlelweni lweKusebenta lwaHulumende, lomsebenti ukhokhelwe ngesihle Silulu seTimali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

Siyetsema kutsi bothishela batatitfolo tilusito kakhulu letincwadzi tekusebentela basafundzisa malanga onkhe kute bafundzi bakhone kucedza luhlelo lwabo lwekulufundza. Setame, ngekucopehela lokukhulu, kusita thishela kuleyo naleyo ncenye yemsebenti. ngekusebentisa timphawu letititfombe kukhombisa umfundzi loko lokumele akwente.

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

Sifisela bothishela nebfundzi imphumelelo basachubeka nekusebentisa letincwadzi tekusebentela.

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TERMS 3 & 4

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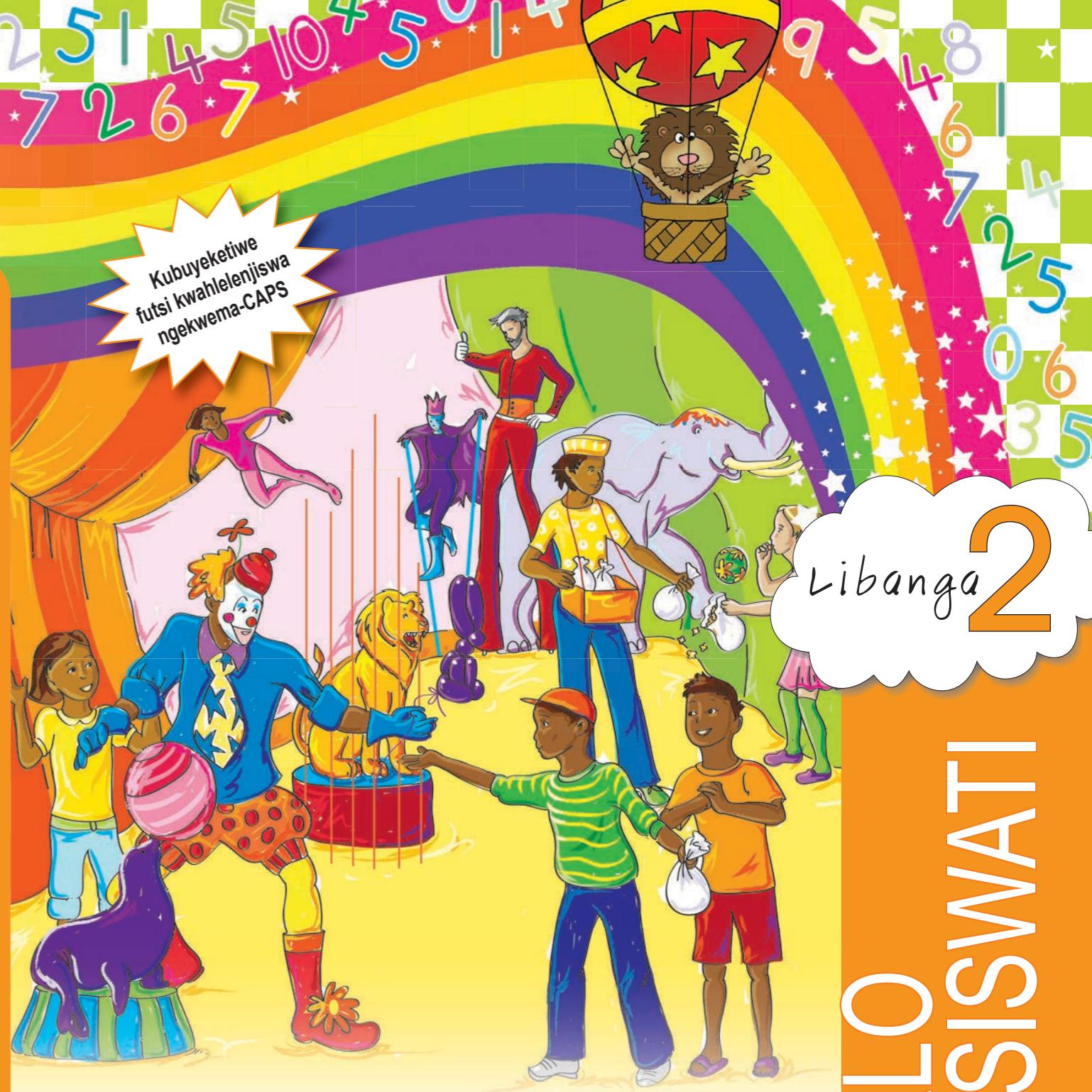
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TIBALO NGESISWATI – Libanga 2 Incwadzi 2

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Incwadzi 2
Emathemu
3 & 4

TIBALO NGESISWATI
LIBANGA 2

Lokucuketfwe

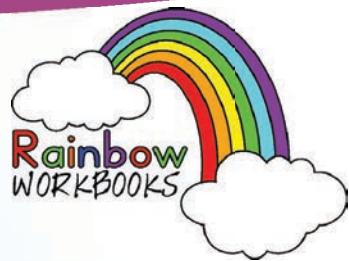
Inombolo	Sihloko	Likhasi
65	Tinombolo 50 – 99	2
66	Tinombolo 100 – 150	4
67	Kugcwele, kunguhafu, kute lutfo	6
68	Siyachubeka ngemtsamo	8
69	Tinombolo 150 – 170	10
70	Kubala nekulinganisela (0 – 100)	12
71	Imininingwane siyachubeka	14
72	Kuhlanganisa 0 – 50	16
73	Kuhlanganisa 0 – 75	18
74	Kuhlanganisa nekususa: 0 – 75	20
75	Emabholo, emabhokisi nemibhoshongo	22
76	Shelela, gicika ubuye wakhe ngetintfo letiyi 3-D	24
77	Siyachubeka kuhlanganisa nekususa 0 – 75	26
78	Siyachubeka ngemali	28
79	Siyachubeka ngemali yeliphepha	30
80	Iphethini yesikhatsi	32
81a	Ema – awa nemizuzu	34
81b	Imizuzu nema-awa	36
82	Kuhlanganisa lokuphindziwe	38
83	Phindzaphindza nga 5	40
84	Kuphindhaphindza	42
85a	Ikota emva ...	44
85b	Sikhatsi siyahamba	46
86	Imphindza-mbili	48
87	Kuphindhza kibili nekuhhafula	50
88	Siyachubeka ngekuphindhaphindza	52
89	Emaphethini etinombolo	54
90	Emafrakishini – bohhafu	56
91	Emafrakishini – siyachubeka ngekuphindhaphindza	58
92	Sikhundla nelicala	60
93	Imininingwane siyachubeka futsi	62
94a	Emafrakishini – emakota	64
94b	Emafrakishini – siyachubeka ngemakota	66
95	Emaphethini etinombolo nabobunjwa	68

Inombolo	Sihloko	Likhasi
96	Kuhlunga iminininingwane	70
97	Tinombolo 150 – 180	72
98	Inombolo 170 – 200	74
99	Bobunjwa be 2-D	76
100	Tinombolo 0 – 200	78
101	Kuhlanganisa nekususa	80
102	Kuhlanganisa nekususa njalo	82
103	Siyachubeka ngemaphethini	84
104	Kuhlanganisa neKwehlukanisa	86
105	Kuhlanganisa nekususa siyachubeka futsi	88
106	Bobunjwa be 3-D	90
107	Imininingwane futsi	92
108	Kubala imali	94
109	Kusombulula tibalo-mali	96
110	Kubeka ngemacembu nekwabelana	98
111	Umtsamo siyachubeka futsi	100
112	Emaphethini-tinombolo	102
113	Kuphindhaphindza siyachubeka	104
114	Kuphindhaphindza lokuhlanganisele	106
115	Kuphindhaphindza siyachubeka futsi	108
116a	Emalanga eliviki	110
116b	Emalanga, emaviki netinyanga	112
117	Emaphethini netinombolo siyachubeka	114
118	Kwaba ngekulingana kusijisa kumafrakishini	116
119	Budze	118
120	Kwesindza neBumalula siyachubeka	120
121	Siyachubeka: kwabelana kusiholela kumafrakishini	122
122	Emafrakishini	124
123	Siyachubeka ngemafrikishini	126
124	Umagca – sibuko nabobunjwa	128
125	Emareyi nemafrikishini	130
126	Ifrikishini yesicumbi setintfo	132
127	Umagca – sibuko kumaphethini	134
128	Umagca-sibuko siyachubeka	136

I - 100

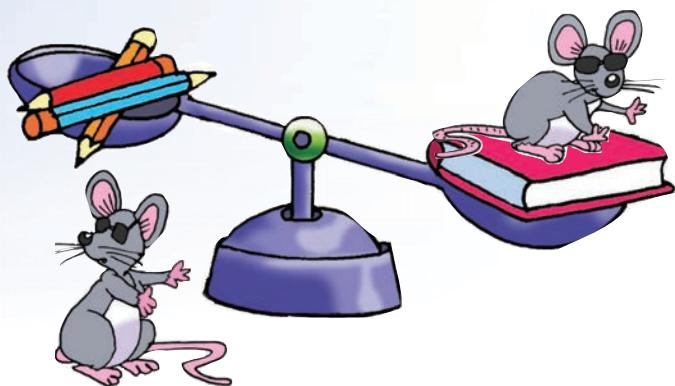
I	2	3	4	5	6	7	8	9	10
II	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Libanga 2



T i b a l o

Lencwadzi ya:



SISWATI

Incwadzi

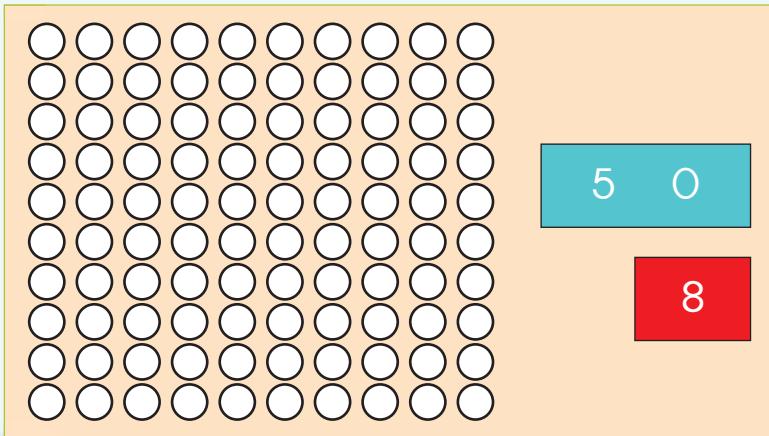
2

65



Tinombolo 50 – qq

Faka umbala etindilingeni letingu 58.



Bhala imphendvulo. Sibonelo sekucala sitakusita.

$60 + 8 = 68$ 	$80 + 6 =$	$50 + 3 =$
$=$	$=$	$=$

$70 + 1 =$	$90 + 5 =$	$60 + 9 =$
$=$	$=$	$=$



Bhala timphendvulo takho taloku lokungetulu ngemagama:

emashumi lasitfupha-nesiphohlongo

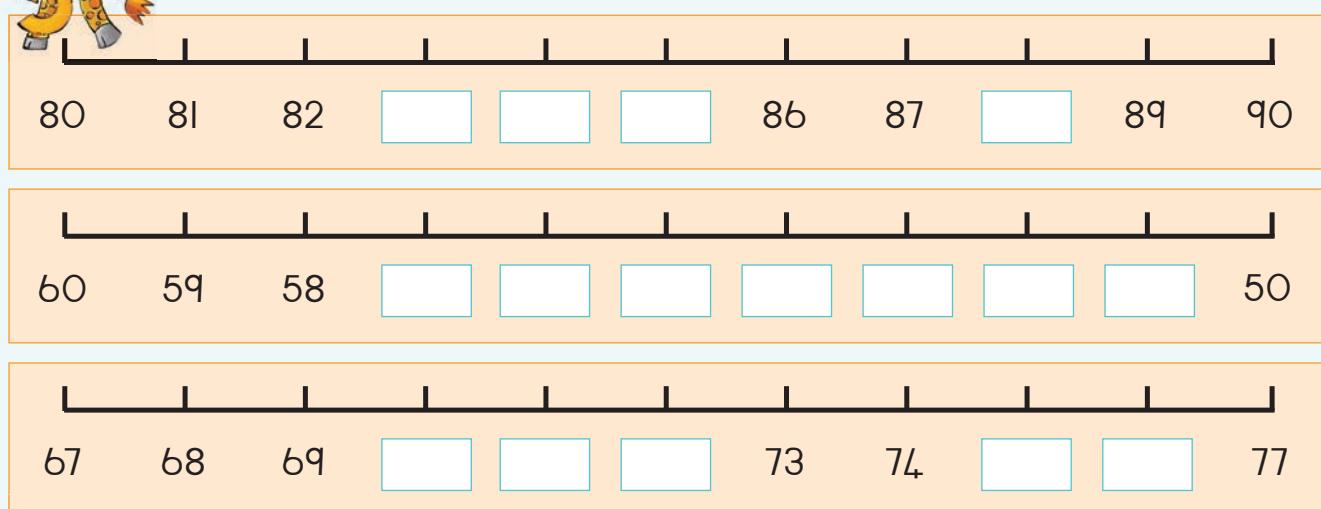


Niketa tinombolo tibe timbili letingephasana natimbili
letingetulu kwalenombolo leniketiwe.

Ngephasi	Inombolo	Ngetulu
	55	
	63	
	88	
	95	
	71	



Cedzela lemigca-nombolo.



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



Teacher:
Sign:
Date:

66

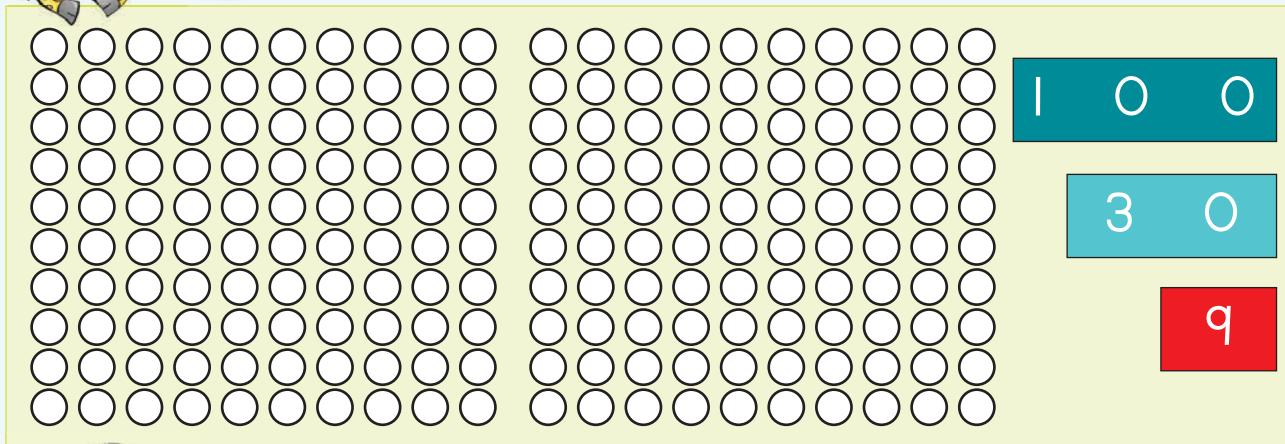


Ithemu 3

Tinombolo 100 – 150

Faka umbala ku 139 wetindilinga.

Lusuku:



Bhala inombolo. Sibonelo sekucala sitakukhombisa indlela.

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

$$100 + 20 + 8 = 128$$



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

=

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

=

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

=

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

=

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

=



Nguyiphi inombolo leba semkhatsini waleti?

103 na 105?

139 na 141?

120 na 122?

150 na 148?

146 na 148?

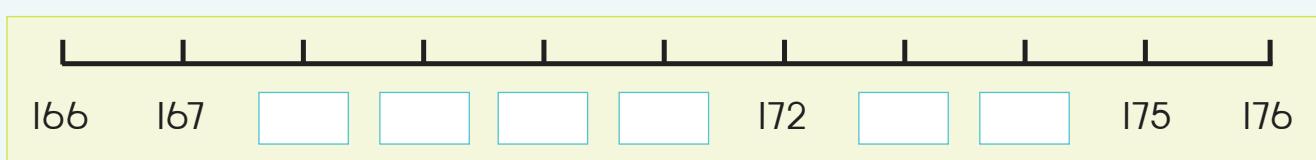
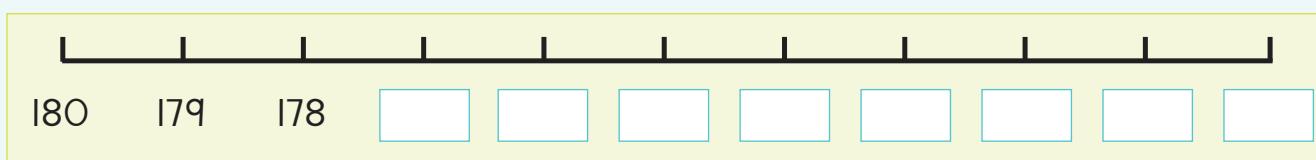
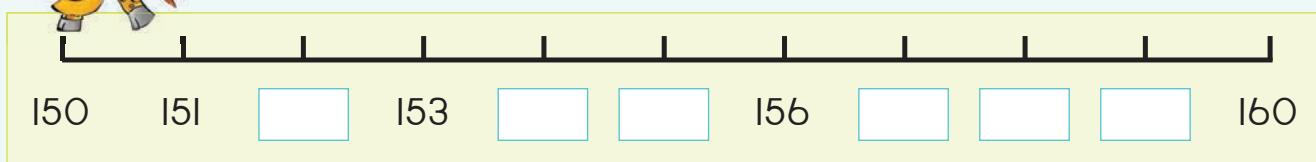


Niketa tinombolo tibe timbili letingephasana natimbili
letingetulu kwalenombolo leniketiwe.

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 nayinje, sika kahle tinhlavu-nombolo kutakhela wena
letinombolo letintsatfu. Tinameke lapha ngekulandzelana kusuka kulencane kakhulu
kuye kulenkhlukati.



Teacher:

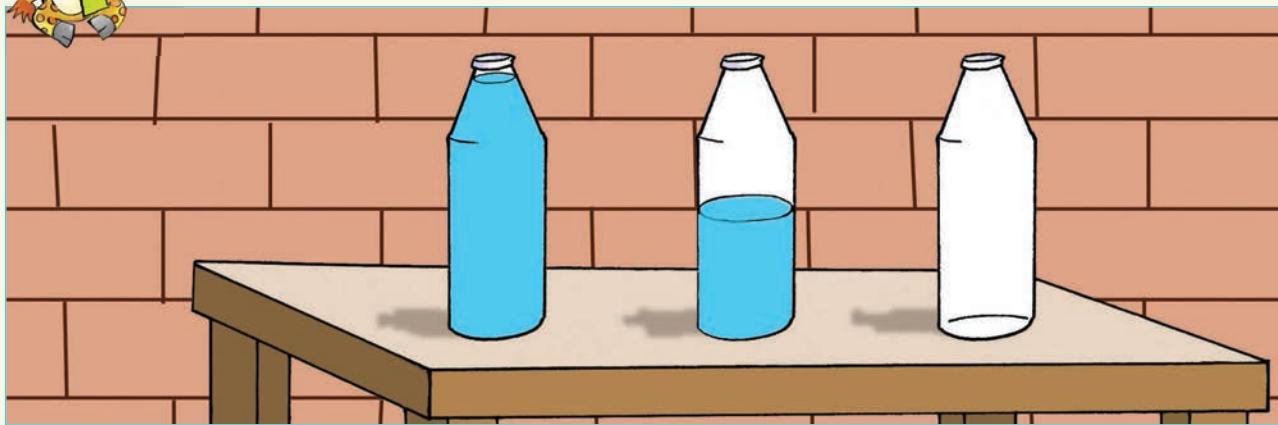
Sign:

Date:

Kugcwele, kunguhhafu, kute lutfo



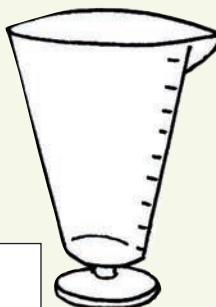
Coca ngemabhodlela etafuleni lathishela.



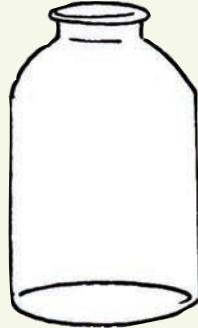
Shano kutsi kwekuphatsa kugcwele, kunguhhafu noma kute lutfo.



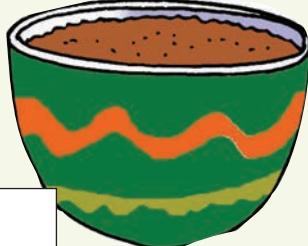




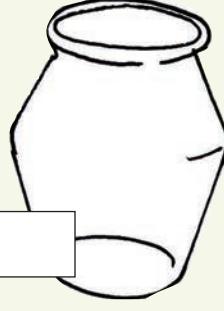








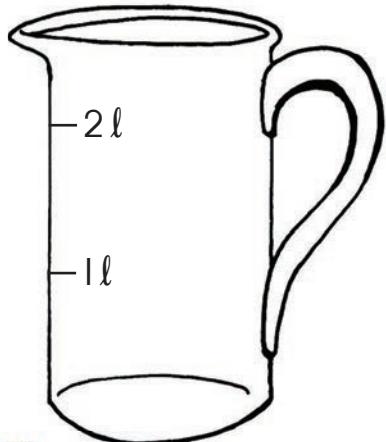




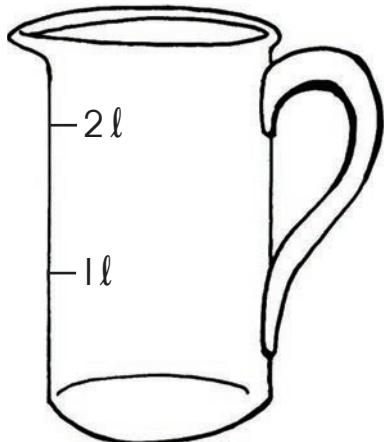


Faka umbala kukhombisa kutsi kunganani lokusamanti kuletintfo tekuphatsa.

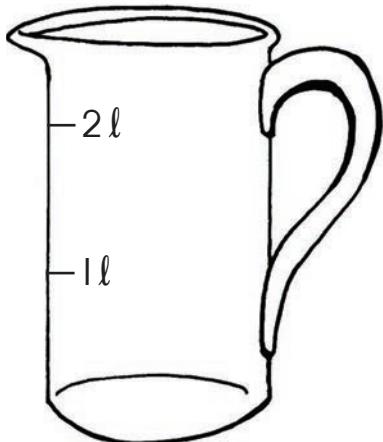
Kugcwele



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: _____

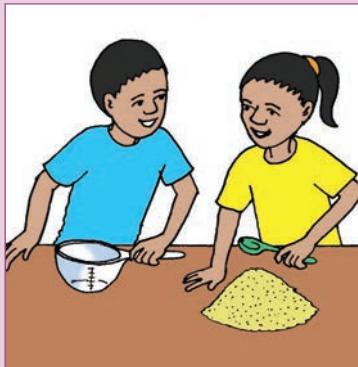
68



Ithemu 3

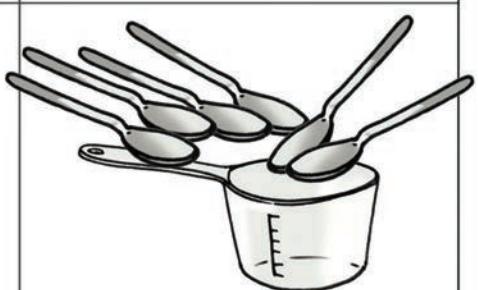
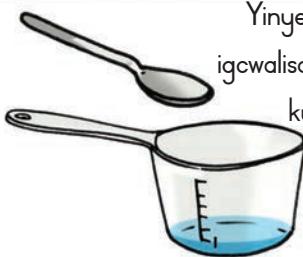
Siyachubeka ngemtsamo

Buka letitfombe. Bentani labantfwana?



Tinkhezo titaligewaliswa kufika kuphi lijeke? Faka umbala.

Yinye ithesipunu
igcwalisa lenkomishi
kufika lapha.





Tingaki tinkhezo letinye lotidzingako futsi kugcwalisa lenkomishi yekukala?



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



Teacher: _____
Sign: _____
Date: _____

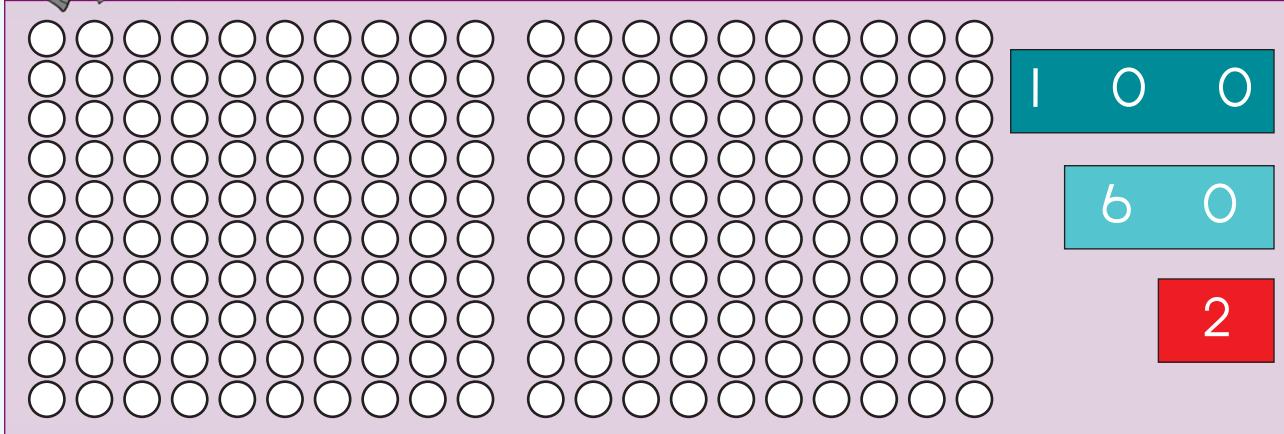
69



Tinombolo 150 – 170

Faka umbala ku 162 wetindilinga.

Ithemu 3



Bhala inombolo yaloku:

$100 + 50 + 2 = 152$ 	=	=
$100 + 60 + q =$	$100 + 50 + 4 =$	$100 + 60 + 1 =$
$=$	$=$	$=$



Ngutiphi tinombolo letita emkhatsini:

150 na 155 _____

158 na 162 _____

170 na 165 _____

163 na 167 _____

172 na 166 _____

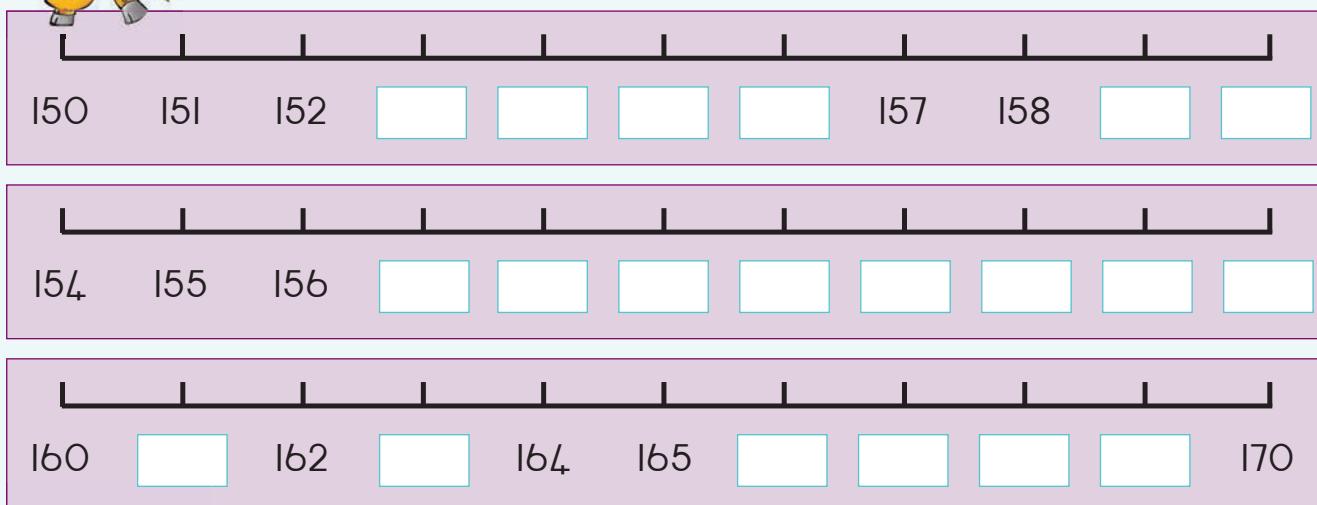


Niketa tinombolo tibe timbili letingephasona natimbili
letingetulu kwalenombolo leniketiwe.

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.



Teacher: _____
Sign: _____
Date: _____

70

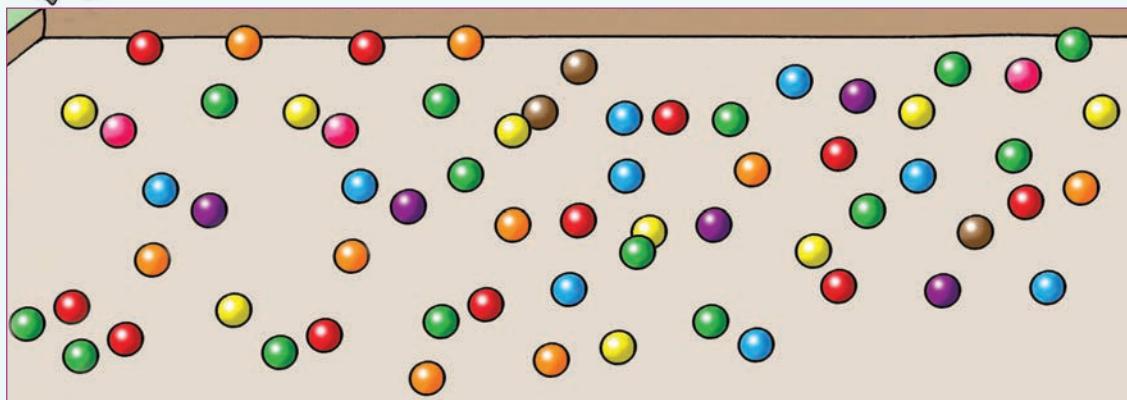


Kubala nekulinganisela (0 – 100)

Lusuku:

Linganisela bese ubala lobuhlalu.

Ithemu 3



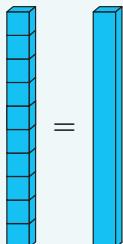
linganisela

bala ngesineke



Kuna 10 wemabhuloki kulesibaya.

Linganisela bese uyabala.



 linganisela <input type="text"/> bala ngesineke <input type="text"/>	 linganisela <input type="text"/> bala ngesineke <input type="text"/>
 linganisela <input type="text"/> bala ngesineke <input type="text"/>	 linganisela <input type="text"/> bala ngesineke <input type="text"/>
 linganisela <input type="text"/> bala ngesineke <input type="text"/>	 linganisela <input type="text"/> bala ngesineke <input type="text"/>



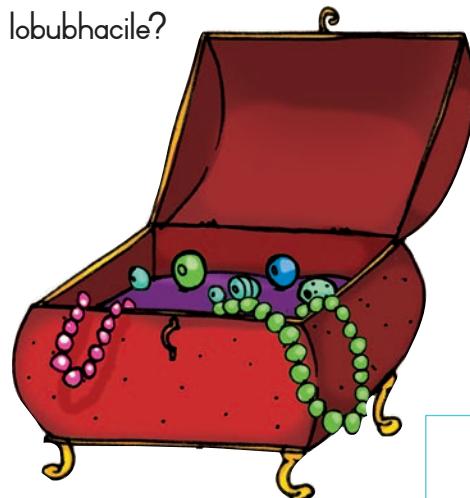
Kuna 42 wemaswidi ebhokisini.

Mangaki labhacile?



Kuna 50 webuhlalu ebhokisini.

Bungaki lobubhacile?



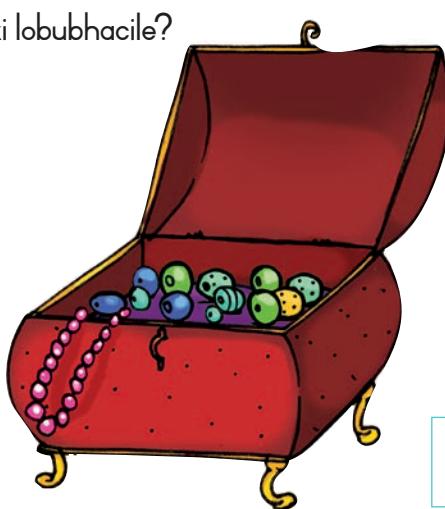
Kuna 78 wemaswidi ebhokisini.

Mangaki labhacile?



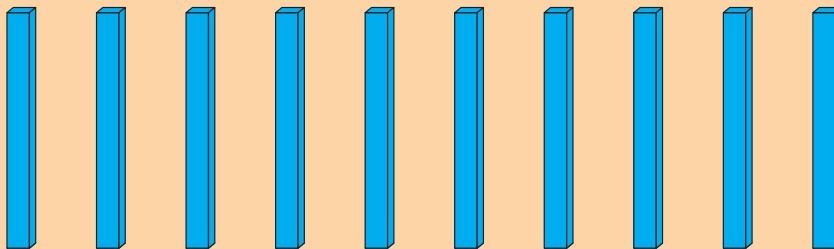
Kuna 100 webuhlalu ebhokisini.

Bungaki lobubhacile?



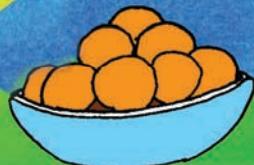
Ungakwenta masinyane kanganani loku?

Sibaya ngasinye siphatsa 10 wemabhuloki. Mangaki emabhuloki lakhona lapha?





71

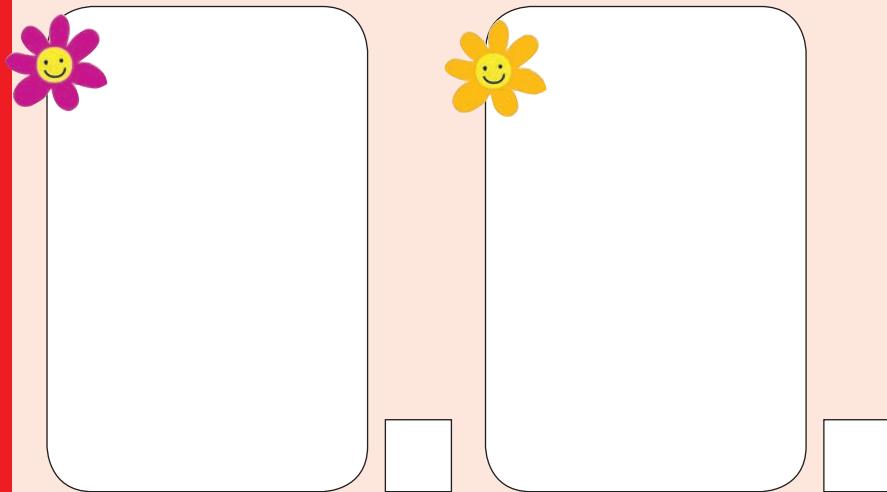
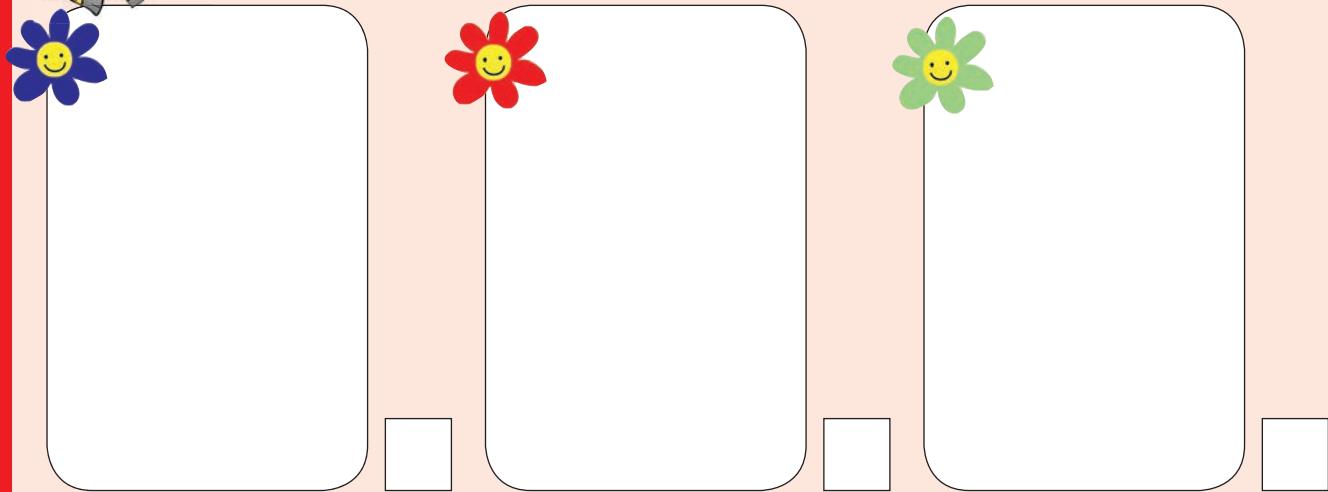


Imininingwane siyachubeka

Ithemu 3



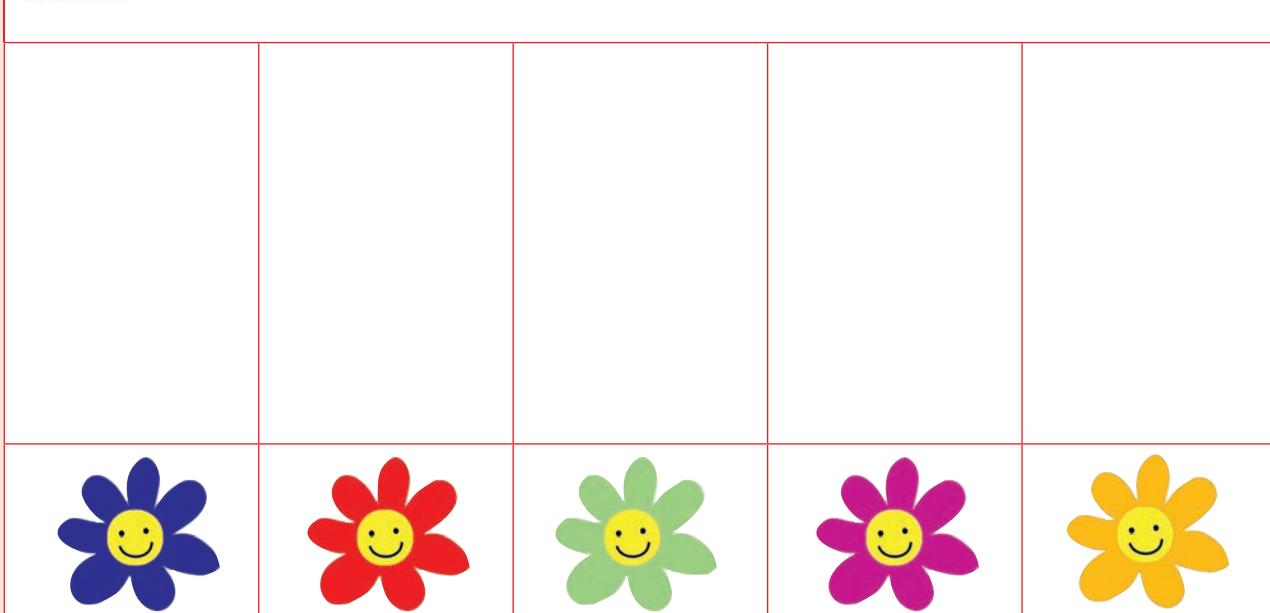
Hlunga letimbali. Yenta wakho umdvwebo. Bhala samba (ithothali) ebhokisini.





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

INKHOMBA: 



Phendvula lemibuto lelandzelako:

Tingaki timbali letisamsobo letikhona?

Tingaki timbali letibovu letikhona?

Tingaki timbali letiluhlata lokusamsobo letikhona?

Tingaki timbali letiphinki letikhona?

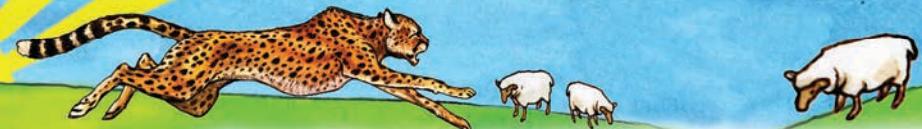
Tingaki timbali letimtfubi letikhona?

Ngumuphi umbala wembali lodvume kakhulu?

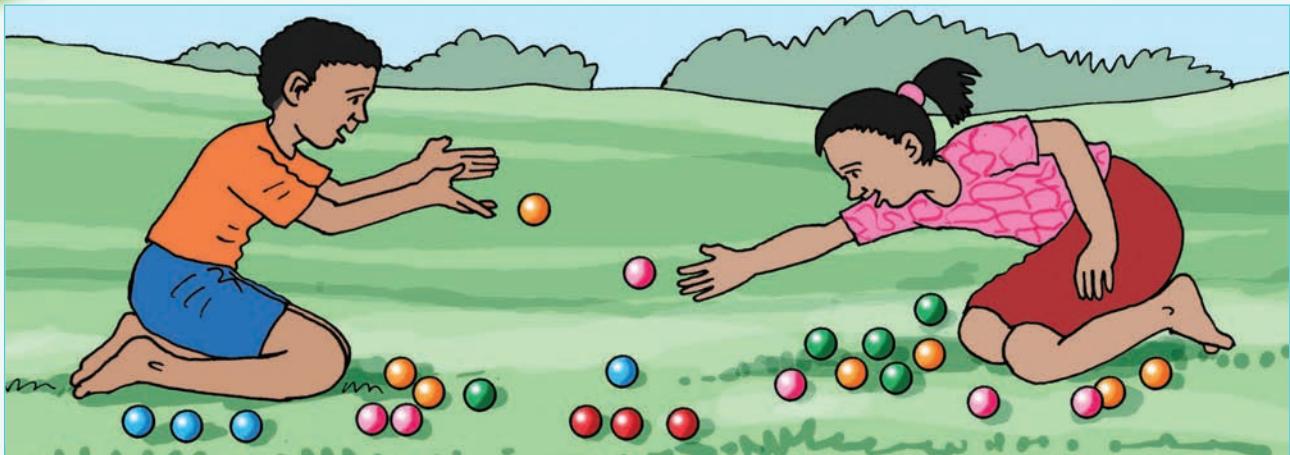
Ngumuphi umbala wembali longakadvumi?

Ngumuphi umbala wembali lowutsandza kakhulu?





Kuhlanganisa 0 – 50



Buka kulesitfombe bese uhlanganisa lamamabuli.

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



Catsanisa lamakhadi. Dweba umugca usuke esibalweni uye emakhadini langiyo.

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.



Hlanganisa.

$1 \ 0$	$+$	3	$=$	<input type="text"/>	$3 \ 0$	$+$	2	$=$	<input type="text"/>
$2 \ 0$	$+$	5	$=$	<input type="text"/>	$3 \ 0$	$+$	7	$=$	<input type="text"/>
$4 \ 0$	$+$	1	$=$	<input type="text"/>	$2 \ 0$	$+$	6	$=$	<input type="text"/>
$1 \ 0$	$+$	4	$=$	<input type="text"/>	$4 \ 0$	$+$	8	$=$	<input type="text"/>
$3 \ 0$	$+$	9	$=$	<input type="text"/>					

$16 + 13$

 $\boxed{6}$ $+$ $\boxed{3}$ $=$ $\boxed{2} \boxed{0}$

$\boxed{1} \ \boxed{6}$ $+$ $\boxed{1} \ \boxed{3}$ $=$ $\boxed{2} \ \boxed{9}$

$24 + 12$

$\boxed{4}$ $+$ $\boxed{2}$ $=$ $\boxed{}$

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

$37 + 11$

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

$\boxed{3} \ \boxed{0} + \boxed{1} \ \boxed{0} = \boxed{}$

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

$25 + 23$

$\boxed{5}$ $+$ $\boxed{3}$ $=$ $\boxed{}$

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

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

$36 + 12$

$\boxed{6}$ $+$ $\boxed{2}$ $=$ $\boxed{}$

$\boxed{3} \ \boxed{0} + \boxed{1} \ \boxed{0} = \boxed{}$

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

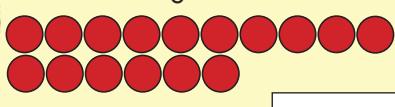
$28 + 21$

$\boxed{8}$ $+$ $\boxed{1}$ $=$ $\boxed{}$

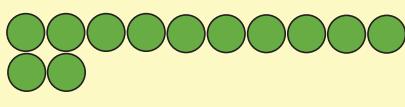
$\boxed{2} \ \boxed{0} + \boxed{2} \ \boxed{0} = \boxed{}$

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

Lisa unetintfo tekubala letingu 16 kantsi Peter una 12.



Itsini ithothali?



Teacher:
Sign:

Date:

73



Lusuku:

Kuhlanganisa 0 – 75

Ithemu 3



Catsanisa lamakhadi.

1	10
5	10

6	20
2	10

3	20
5	30

4	40
4	30



Hlanganisa.

 $12 + 11$

$$\begin{array}{cc}
 \boxed{} & \boxed{} \\
 & + \quad \boxed{} \quad \boxed{}
 \end{array}
 = \quad \boxed{} \quad + \quad \boxed{} \quad + \quad \boxed{} \quad + \quad \boxed{} \\
 = \quad \boxed{} \quad + \quad \boxed{} \\
 = \quad \boxed{}$$

 $23 + 41$

$$\begin{array}{cc}
 \boxed{} & \boxed{} \\
 & + \quad \boxed{} \quad \boxed{}
 \end{array}
 = \quad \boxed{} \quad + \quad \boxed{} \quad + \quad \boxed{} \quad + \quad \boxed{} \\
 = \quad \boxed{} \quad + \quad \boxed{} \\
 = \quad \boxed{}$$



Cedzela.

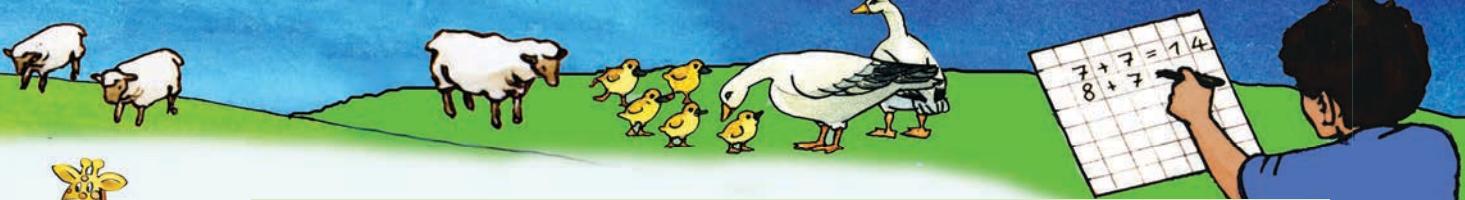
$$28 + 11 = 2\boxed{8} + 1\boxed{0} + 1 = 38 + 1 = 39$$

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

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

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

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



Hlanganisa.

$21 + 10 = \boxed{}$

$53 + 10 = \boxed{}$

$46 + 10 = \boxed{}$

$68 + 10 = \boxed{}$

$37 + 10 = \boxed{}$

$42 + 10 = \boxed{}$

$74 + 10 = \boxed{}$

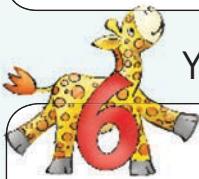
$19 + 10 = \boxed{}$

$55 + 10 = \boxed{}$

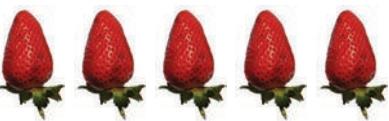


Sibalo sa 47 na 6 ngu?

Dwewa sitfombe kukhombisa imphendvulo yakho.

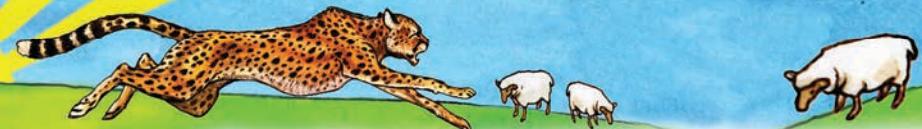


Yenta sibalo sakho semagama ngekusebentisa titfombe.



Teacher:
Sign:
Date:

74



Kuhlanganisa nekususa: 0 – 75

Ithemu 3



Condzanisa emakhadi. Dvweba umugca kusuka esibalweni kuya emakhadini langiwo.

q

6 0

5

5 0

4

7 0

7

4 0

$7 + 40 = 47$

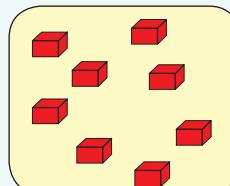
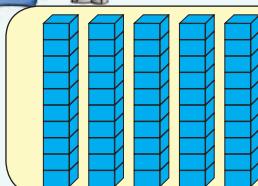
$60 + 9 = 69$

$50 + 5 = 55$

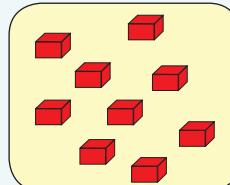
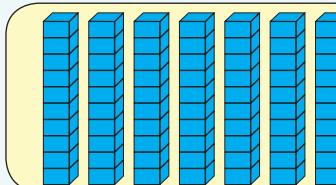
$4 + 70 = 74$



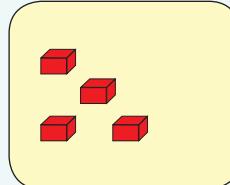
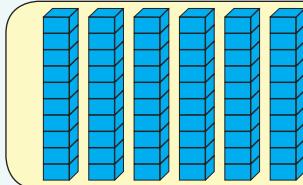
Bhala sibalo saloku lokulandzelako bese uyakuhlanganisa.



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



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



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



$60 + 4 = \boxed{}$

$30 + 2 = \boxed{}$

$40 + 9 = \boxed{}$

$50 + 4 = \boxed{}$

$20 + 8 = \boxed{}$

$10 + 7 = \boxed{}$

$70 + 5 = \boxed{}$

$70 + 8 = \boxed{}$

$50 + 6 = \boxed{}$



Hlanganisa.



$$56 + 15$$



$$\boxed{56} \quad + \quad \boxed{15} \quad = \quad \boxed{71}$$

$$48 + 13$$

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

$$75 - 51$$

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

$$34 + 17$$

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

$$63 - 41$$

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



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



Itsini ithothali? _____

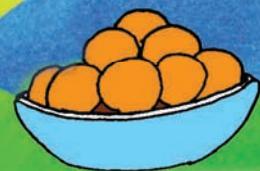


Teacher:

Sign:

Date:





Emabhola, emabhokisi nemibhoshongo



Lamagama angakusita:

emabhokisi

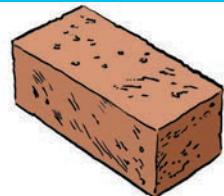
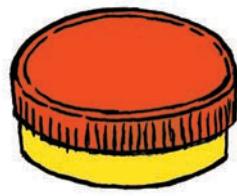
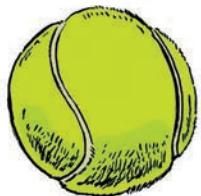
emabhola

imibhoshongo

Usakhumbula nje kutsi
bobunjwa labanjani laba?

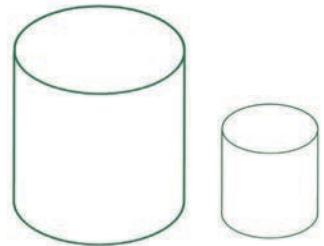
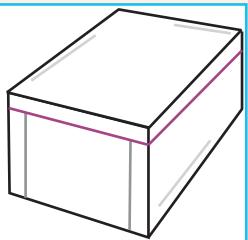
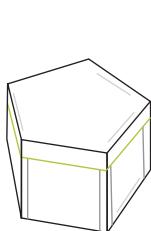


Bekisa emabhola, emabhokisi nemibhoshongo ngekubhala lelogama ngephasi
kwaleyontfo ngayinye.





Faka umbala lolingangane etintfweni letincanyana.



emabhokisi

emabhola

imibhoshongo



Dvweba intfo lenkhudlwana.



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



Teacher:

Sign:

Date:



Shelela, gicika ubuye wakhe ngetintfo letiyi 3-D

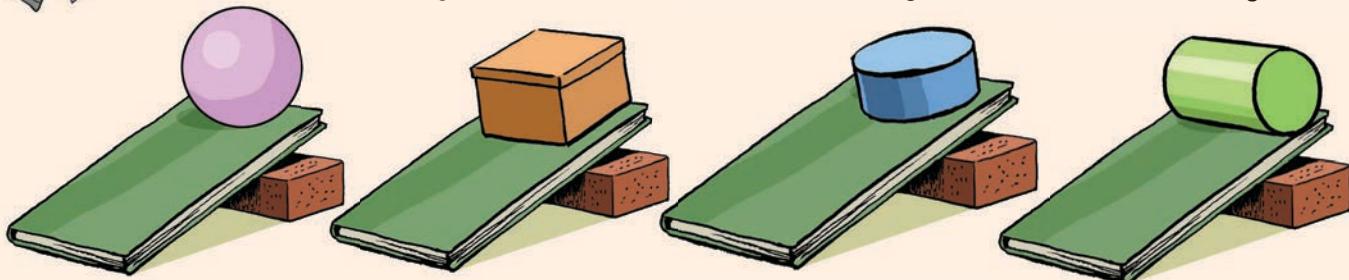


Thishela wakho utakwenta lomsebenti
ngetandla kanye nani kubona kutsi ngabe
loku lokulandzelako kutawusimama yini:

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



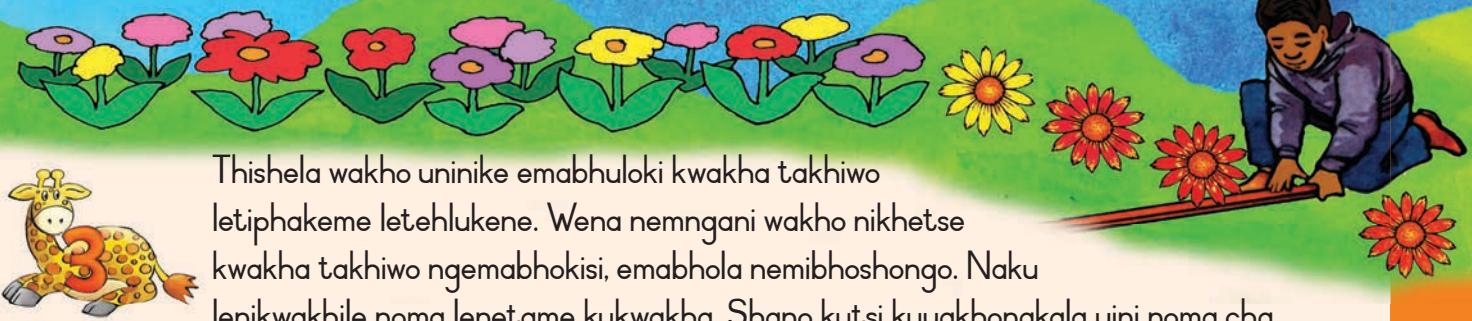
Emabhokisi, emabhola nemibhoshongo kungagicina noma kushelele. Thishela wakho
utaniniketa letintfo letilandzelako kubona kutsi titawugicina noma titawushelela. Emva
kwekwenta lomsebenti ngetandla shano kutsi letintfo titawugicina noma titawushelela yini.



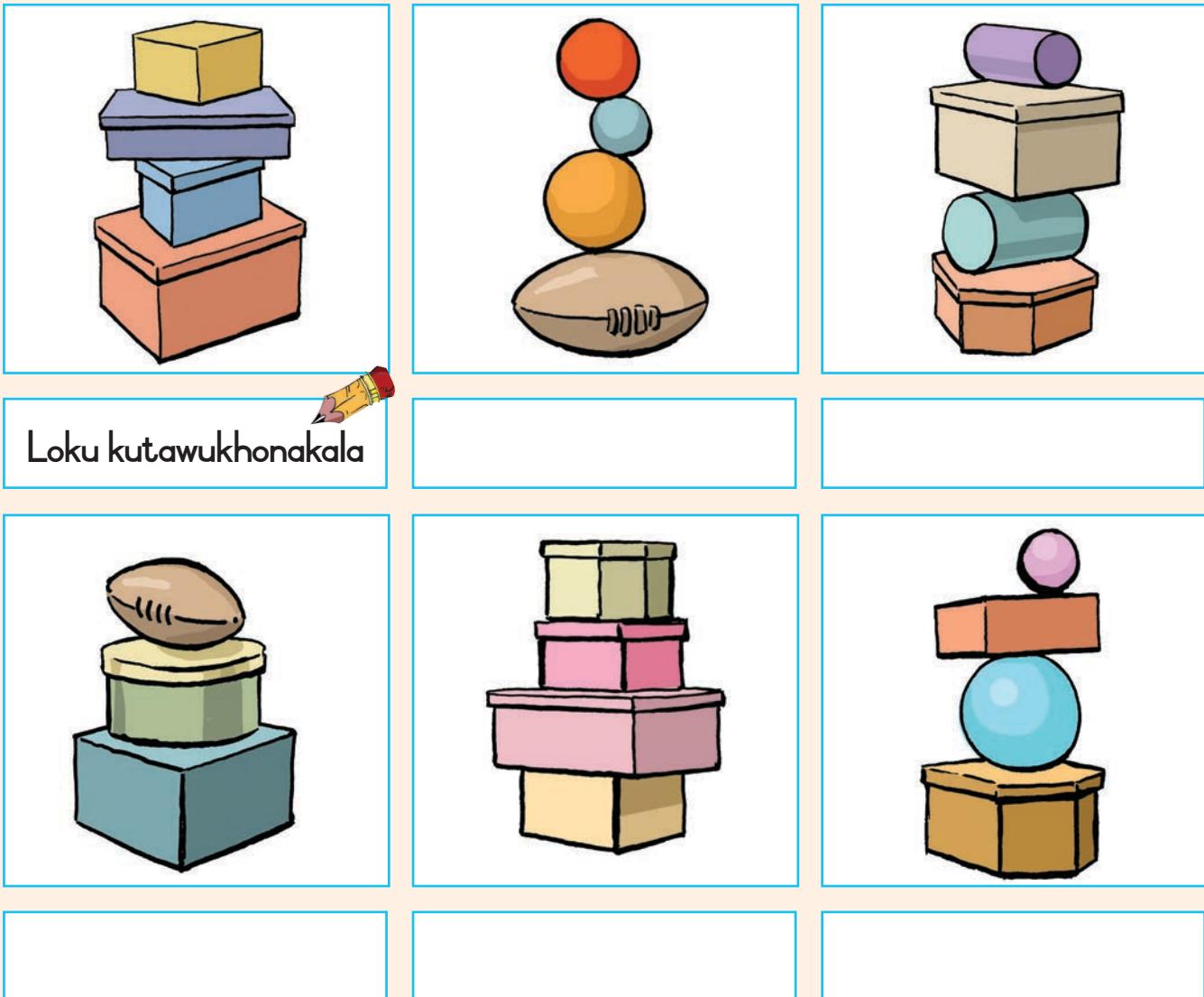
Tfola titfombe tetintfo letitawugicina noma tishelele kubomagazini
utinamatsisele lapha.

gicika

shelela



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



Loku kutawukhonakala



Nati takhiwo temabhokisi emetjiso.



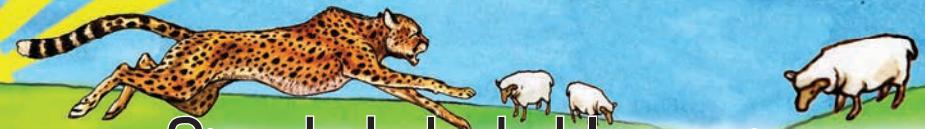
Udzinga:
Emabhokisi emetjiso.

Wenta loku:

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



Teacher:	
Sign:	
Date:	



Siyachubeka kuhlanganisa nekususa 0 – 75

Lusuku:



Hlanganisa tinombolo ebhulokini ngayinye bese ubhala phansi imphendvulo.

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



Hlanganisa usebentisa indlela yakakho.

$52 + 21$

$43 + 28$



Cedzela.

$28 + 31 = 2\boxed{8} + \boxed{3}0 + \boxed{1} = 58 + \boxed{1} = 59$

$45 + 32 = 4\boxed{5} + \boxed{3}0 + \boxed{2} = \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$52 + 14 + 5\boxed{2} + \boxed{1}0 + \boxed{4} = \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$



Hlanganisa.

$41 + 10 = \boxed{\quad}$

$44 + 10 = \boxed{\quad}$

$71 + 10 = \boxed{\quad}$



Kuhlanganiswa kwa 36 na 24 ngu _____.

Dwweba sitfombe kukhombisa imphendvulo yakho.



5	7 0
---	-----

2	6 0
---	-----

7	5 0
---	-----

q	3 0
---	-----

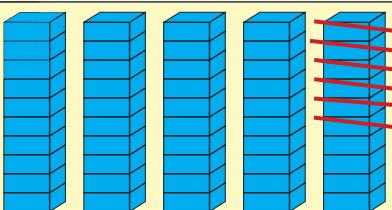
3	4 0
---	-----

1	2 0
---	-----

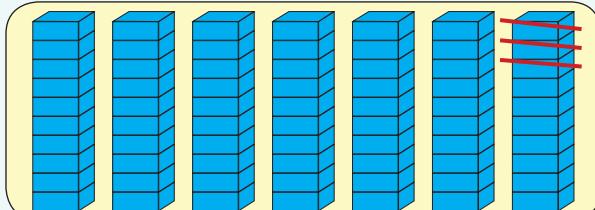
6	1 0
---	-----

5	1 0
---	-----

Bhala sibalo saloku lokulandzelako.

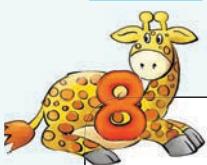


$$\boxed{} - \boxed{} = \boxed{}$$



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

Susa:



$$65 - 23$$

$$72 - 29$$



Khipha.

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

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

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

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



Mangaki emamabuli lasele? _____



Teacher: _____
Sign: _____
Date: _____

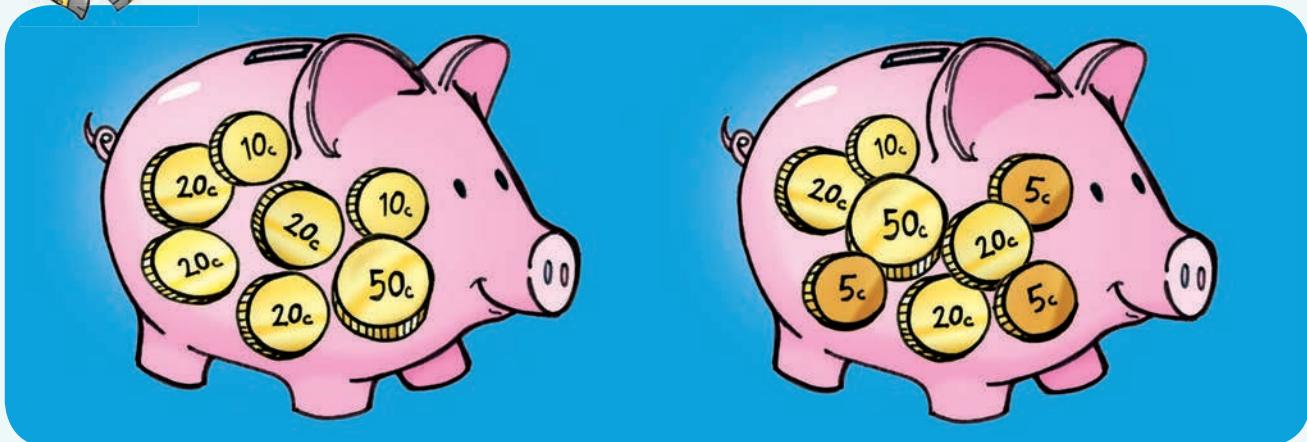
78

Ithemu 3



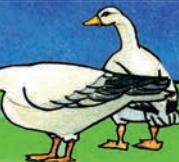
Siyachubeka ngemali

Lijini liddele-ntfongeni lami?

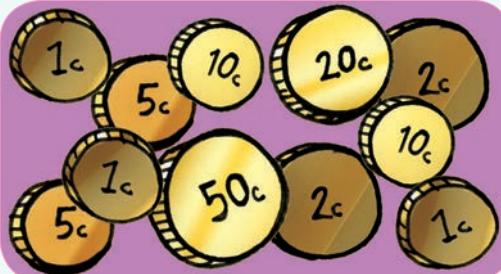
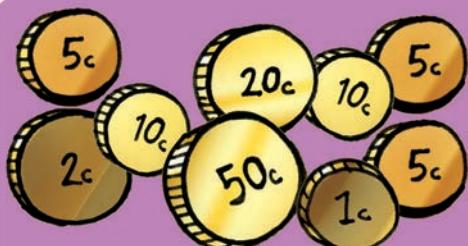
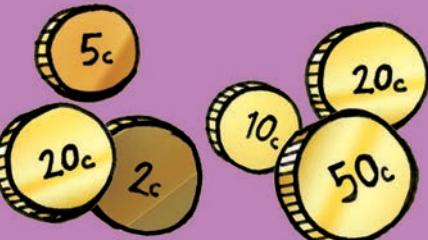
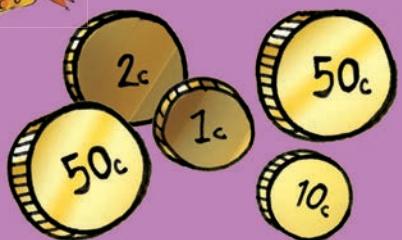


Sebentisa imali yensimbi lekuKwekusiwa 3 unamatsisele emanani langiwo lapha.





Mangaki emasenti?



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



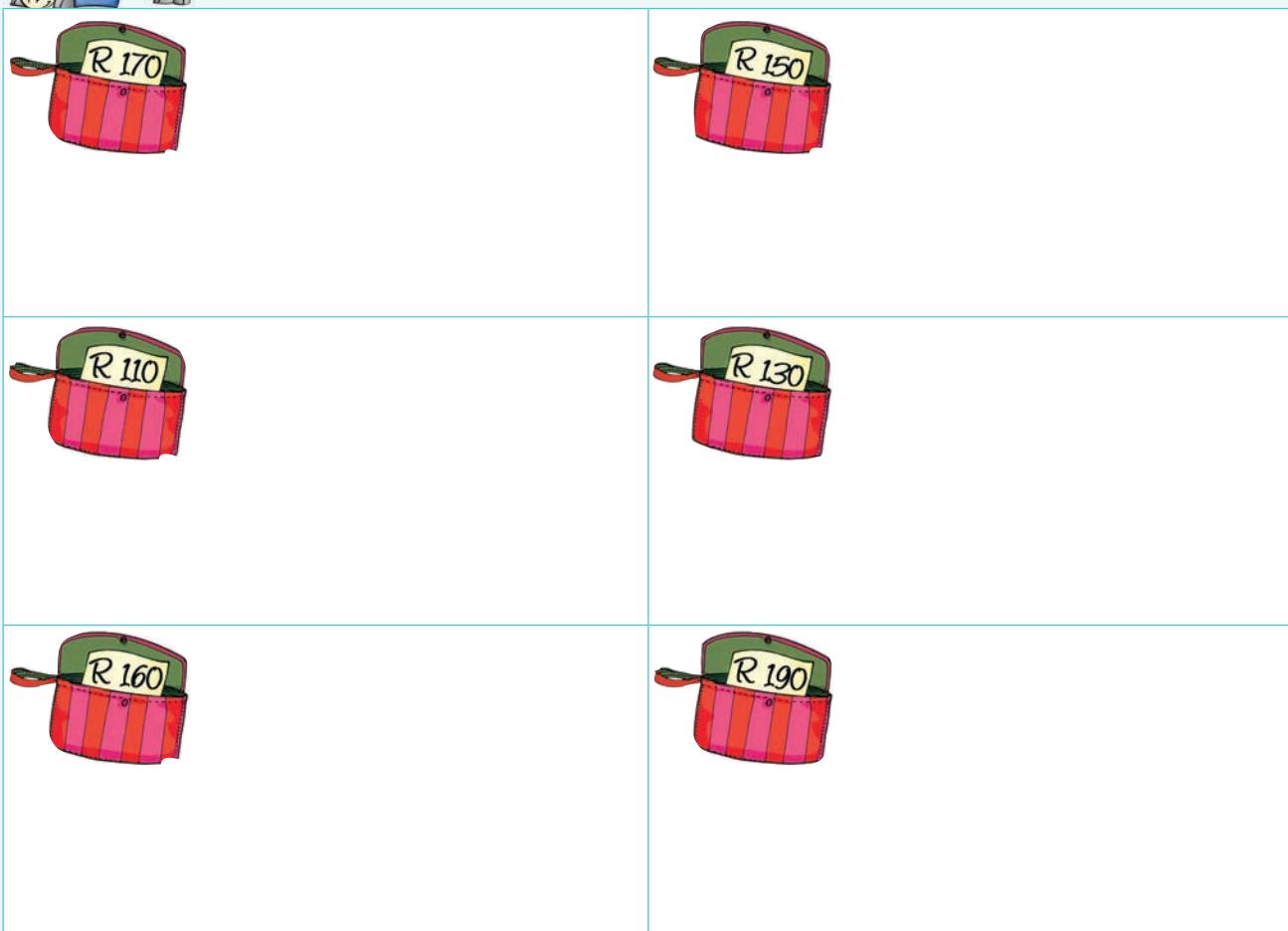
Siyachubeka ngemali yeliphepha

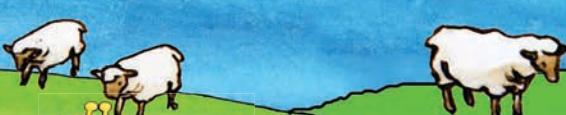
Lusuku:

Ngumalini losesipatjini sami?



Sebentisa imali lemaphepha lekuKwekusikwa 3 unamatsisele emanani langiwo lapha.





Mangaki ema Randi?

R100 R50

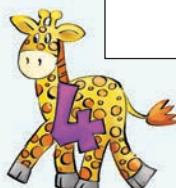
R100 R20
R20

R10 R10
R100 R10

R10 R100
R20

R20 R10
R100 R50

R100 R20
R20 R20 R50 R10



Tibalo-magama:

Umnaketfu una R100. Ngina R50 kantsi dzadze lomncane una R20. Sinamalini sesisonkhe?

Ngina R160. Ngitsenge lishethi nga R50. Sengisele namalini?



Teacher: _____
Sign: _____
Date: _____

80

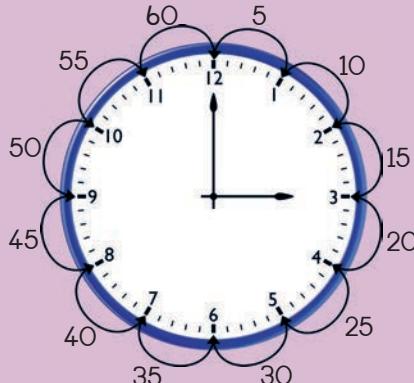


Coca ngeliwashi.

Iphethini yesikhatsi

Lusuku:

Ithemu 3



Liwashi lisikhomba sikhatsi.

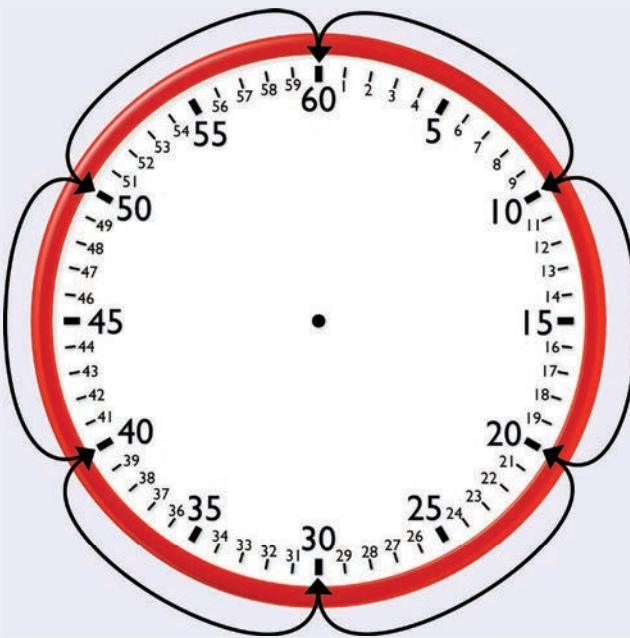
Lutsi lolufisha lusikhomba ema-awa.

Lutsi loludze lusikhomba imizuzu.

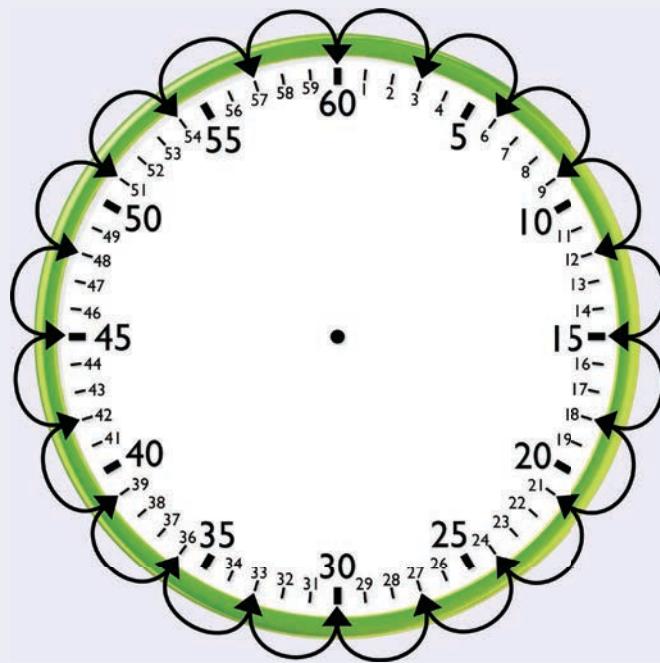
Lapha sibala imizuzu ngetihlanu.



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



10 —, —, —, —, —,

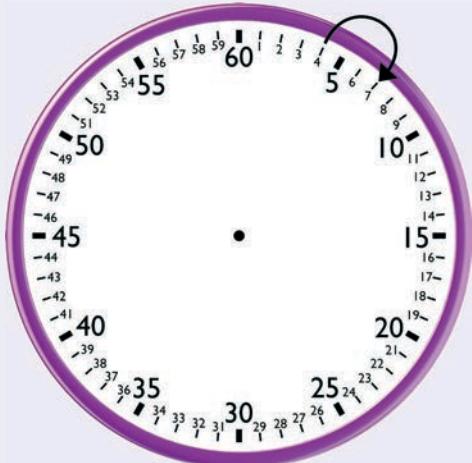


3, —, —, —, —, —, —,
—, —, —, —, —, —, —,
—, —, —, —,

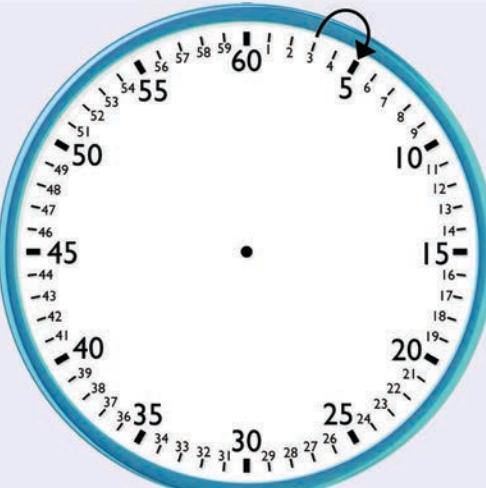


Khombisa iphethini usebentisa butjoki.

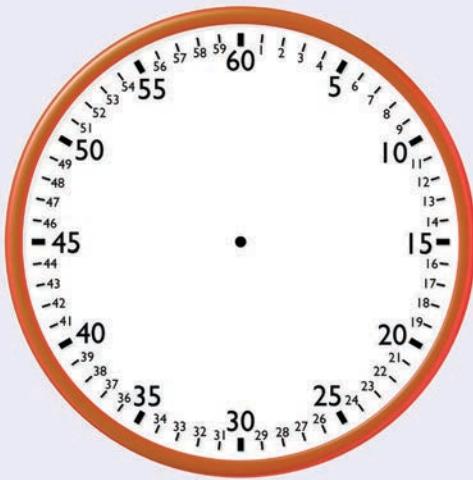
Bala ngabo 3 ucale ku 4.



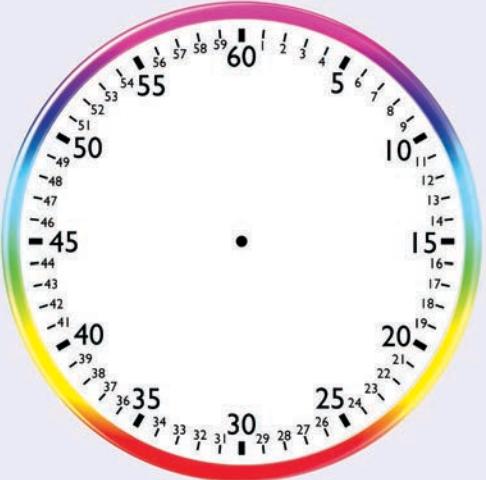
Bala ngabo 2 ucale ku 3.



Bala ngabo 10 ucale ku 1.



Bala ngabo 5 ucale ku 2.



Uya ngabani sikhatsi esikolweni?



Uya ngabani sikhatsi ekhaya?



Usidla ngabani sikhatsi sidlo sakusihlwa?



Teacher:
Sign:
Date:

8|a



Coca ngeliwashi.



Ema — awa nemizuzu

Lusuku:

Lutsi lolufisha lusikhomba kutsi sekushaye kwengca 3 wema-awa.

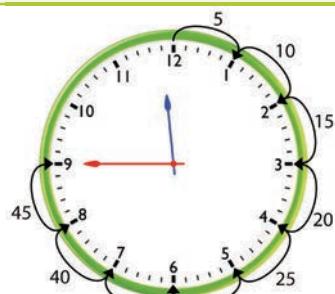
Lutsi loludze lusikhomba kutsi ngu 15 wemizuzu.

Loku sitsi ngukota 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 _____.

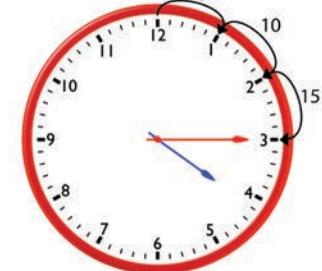
Sitsi ngu _____.



Lutsi lolufisha lusikhombisa _____.

Lutsi loludze lusikhombisa _____.

Sitsi ngu _____.



Lutsi lolufisha lusikhombisa _____.

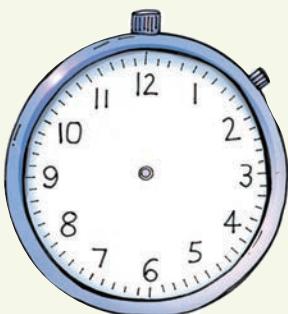
Lutsi loludze lusikhombisa _____.

Sitsi ngu _____.

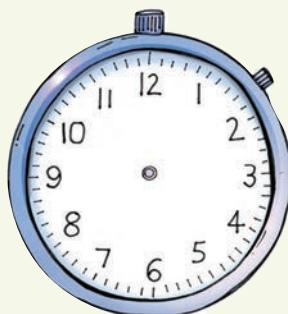


Dvweba lutsi loludze nelutsi lolufisha.

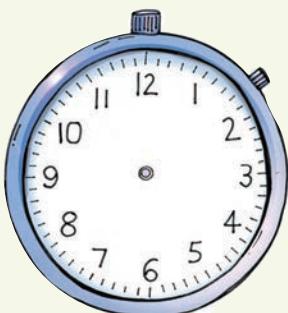
Lishumi
nesihlanu
emva
kweyesibili.



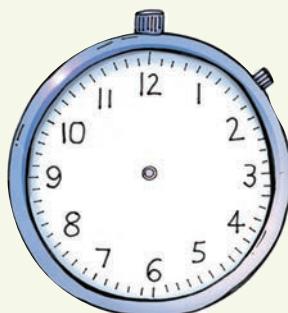
Igabence
insimbi
yemfica.



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.



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Sign:
Date:

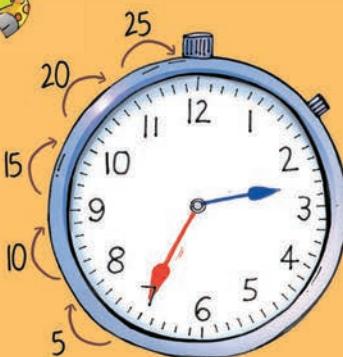


Lusuku:



Coca ngeliwashi.

Imizuzu nema-awa



Lutsi lolufisha lume embi kweyesitsatfu.

Lutsi loludze lume etu kwa 35 imizuzu.

Ingema 25 imizuzu embi kwekuba lutsi loludze lume ku 12.

Sitsi ingemashumi lamabili nesihlanu kungakashayi yesitsatfu. Sisho kutsi ngu 25 wemizuzu embi kweli-awa lesi 3tfu.



Ngubani sikhatsi?

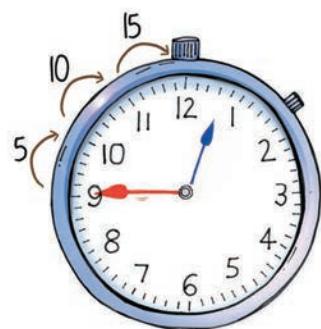


Lutsi lolufisha _____.

Lutsi loludze lume etu kwa _____.

Ngu _____ embi kwekuba lutsi loludze lume ku 12.

Sitsi ngu _____ ku _____.

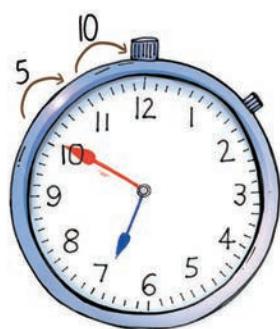


Lutsi lolufisha _____.

Lutsi loludze lume etu kwa _____.

Ngu _____ embi kwekuba lutsi loludze lume ku 12.

Sitsi ngu _____ ku _____.

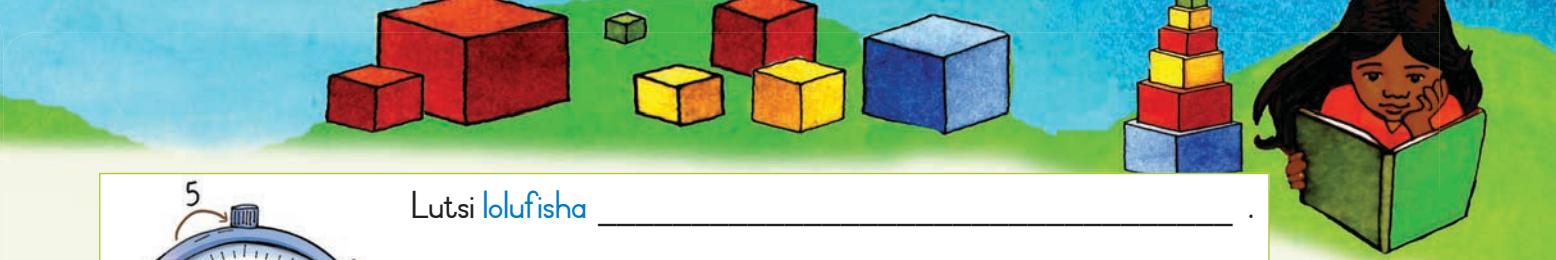


Lutsi lolufisha _____.

Lutsi loludze lume etu kwa _____.

Ngu _____ embi kwekuba lutsi loludze lume ku 12.

Sitsi ngu _____ ku _____.



Lutsi lolufisha _____.

Lutsi loludze lume etu kwa _____.

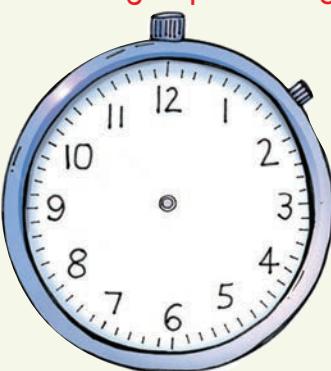
Ngu _____ embi kwe kuba lutsi loludze lume ku 12.

Sitsi ngu _____ ku _____.



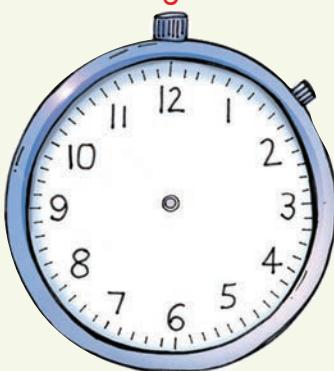
Dvweba lolutsi loludze nelutsi lolufisha kukhombisa kutsi:

**Isihlanu
embi kweyesiphohlongo.**

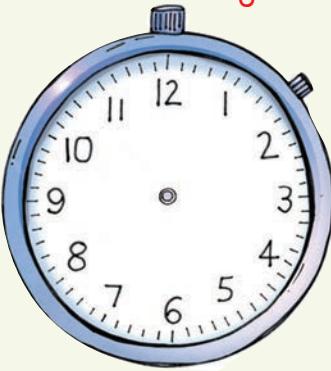


Isihlanu embi kweyekucala.

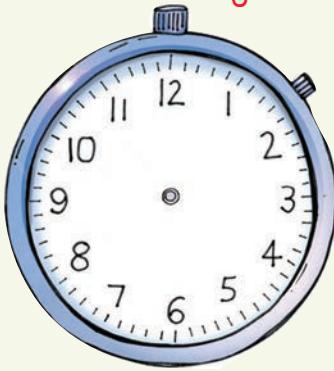
**Ingemashumi lamabili
embi kweyesitsatfu.**



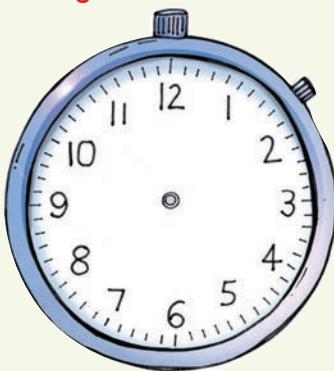
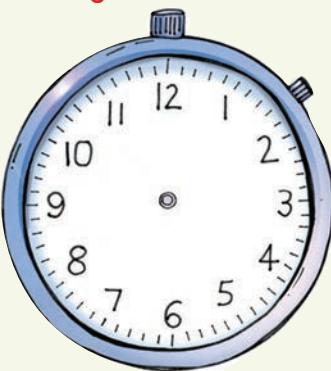
Ilishumi embi kweyesitfupha.



**Lishuminantsatfu embi
kweyesikhombisa.**



**Lishuminambili embi
kweyelishuminambili.**



Teacher:
Sign:
Date:



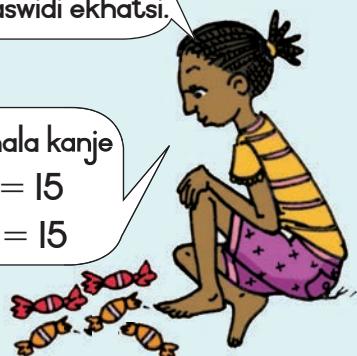
Kuhlanganisa lokuphindziwe

Ngina 3 wetikhwama
letina 2 emaswidi



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

Ngina 3 wetikhwama
letina 5 emaswidi ekhatsi.



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



Buka letikhwama letinemaswidi:

- Bhala umusho ngaleso naleso sikhwama.
- Bhala sibalo sekuhlanganisa sangakunye ngakunye.
- Bhala sibalo sekuphindzaphindza sikhwama ngasinye.

Sikhwama ngasinye sina 2 wemaswidi.

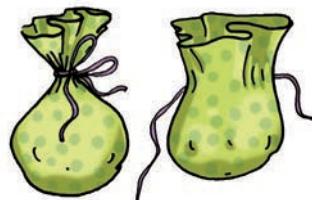


Umusho: 4 ticumbi tabo 2

Sibalo sekuhlanganisa: $2 + 2 + 2 + 2 =$ _____

Sibalo sekuphindzaphindza: $4 \times 2 =$ _____

Sikhwama ngasinye lesivaliwe sina 2 wemaswidi.

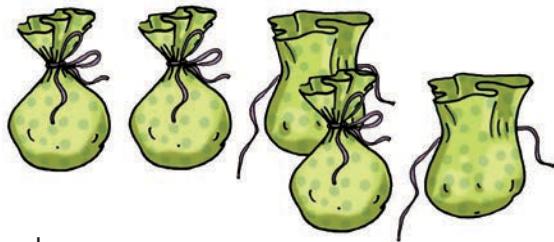


Umusho: _____

Sibalo sekuhlanganisa: _____

Sibalo sekuphindzaphindza: _____

Sikhwama ngasinye lesivaliwe sina 5 wemaswidi.

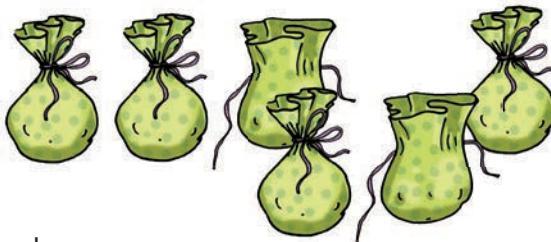


Umusho: _____

Sibalo sekuhlanganisa: _____

Sibalo sekuphindzaphindza: _____

Sikhwama ngasinye lesivaliwe sina 2 wemaswidi.



Umusho: _____

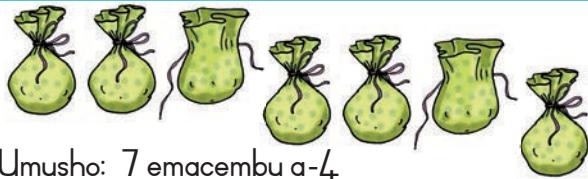
Sibalo sekuhlanganisa: _____

Sibalo sekuphindzaphindza: _____



Ake setame ngetikhwama letina 4 wemaswidi ngasinye.

Sikhwama ngasinye sina 4 wemaswidi. Mangaki emaswidi lakhona sekawonkhe?

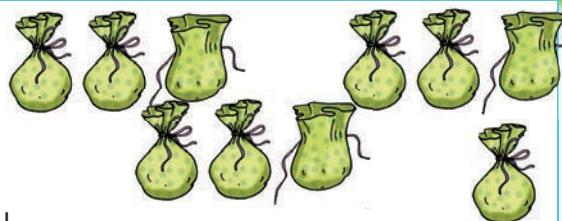


Umusho: 7 emacembu a-4

Sibalo sekuhlanganisa:

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

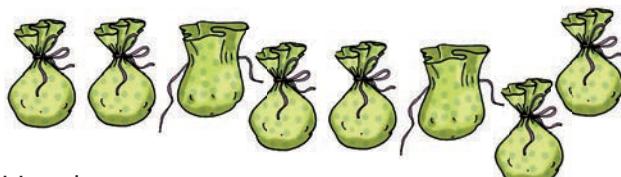
$$\text{Sibalo sekuphindzaphindza: } 7 \times 4 = 28$$



Umusho: _____

Sibalo sekuhlanganisa: _____

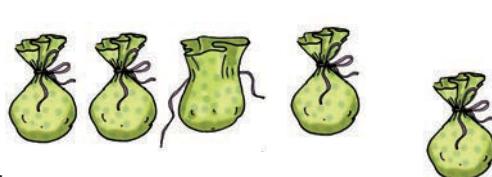
Sibalo sekuphindzaphindza: _____



Umusho: _____

Sibalo sekuhlanganisa: _____

Sibalo sekuphindzaphindza: _____



Umusho: _____

Sibalo sekuhlanganisa: _____

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?





Teacher:
Sign:
Date:

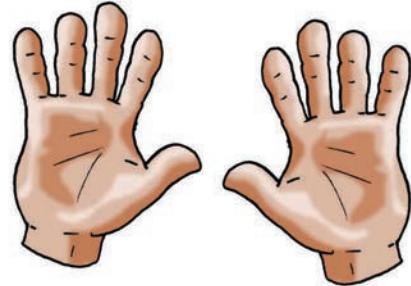


Phindzaphindza nga 5

Lunyawo lunye luna 5 wetintwane.



Sandla sinye sina 5 weminwe.



Litsini linani selilonkhe letintwane?

Litsini linani selilonkhe leminwe?



Cedzela loku lokulandzelako:



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

Tintwane elunyaweni lunye

Tinyawo



Iminwe esandleni sinye



Tandla



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

Tintwane elunyaweni lunye

Tinyawo



Iminwe esandleni sinye



Tandla



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

Tintwane elunyaweni lunye

Tinyawo



Iminwe esandleni sinye



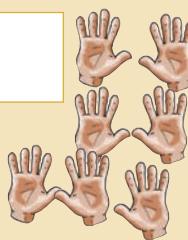
Tandla



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

Tintwane elunyaweni lunye

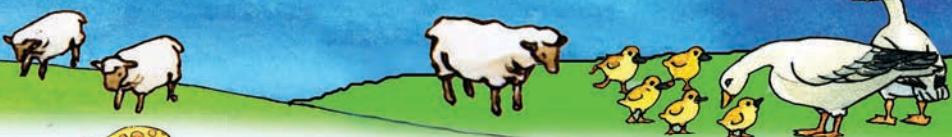
Tinyawo



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

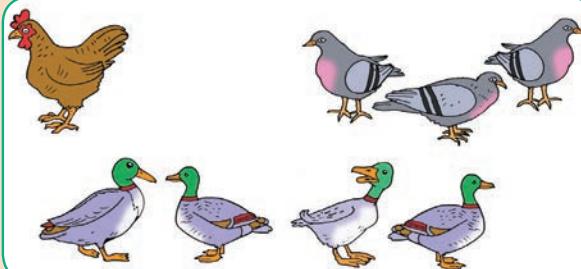


Teacher: _____
Sign: _____
Date: _____



Kuphindzaphindza

Tonkhe tinyoni
tinetinyawo leti 2.



Tonkhe tinyoni
tinetimpiko leti 2.

Litsini linani letinyawo
setitonkhe kulesitfombe?

Tingaki timphiko
setitonkhe kulesitfombe?



ematuba

Buka lesitfombe ucedzele loku lokulandzelako.

<input type="text"/>	\times	<input type="text"/>	$=$	<input type="text"/>
Linani lematuba		Tinyawo inyoni ngayinye		

<input type="text"/>	\times	<input type="text"/>	$=$	<input type="text"/>
Linani lematuba		Tinyawo inyoni ngayinye		



emadada

<input type="text"/>	\times	<input type="text"/>	$=$	<input type="text"/>
Linani lemadada		Tinyawo inyoni ngayinye		

<input type="text"/>	\times	<input type="text"/>	$=$	<input type="text"/>
Linani lemadada		Tinyawo inyoni ngayinye		



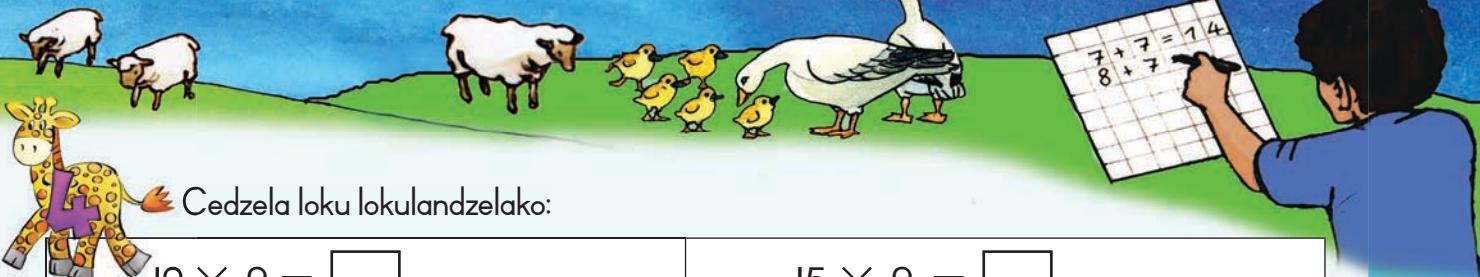
Cedzela loku lokulandzelako:

2	4	6							
20	18	16							



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:

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

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

$$= \boxed{1 \textcolor{teal}{0}} + \boxed{2} \times 2$$

$$= \boxed{1 \textcolor{teal}{0}} \times 2 + \boxed{2} \times 2$$

$$= 20 + 4$$

$$= 24$$



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

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

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

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

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

$$= \boxed{\quad}$$



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

noma

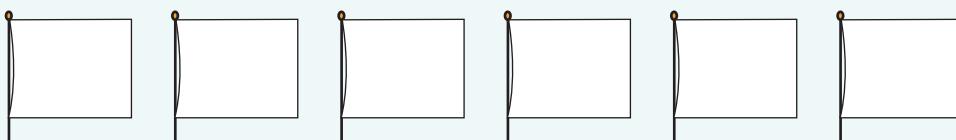
$$4 \times 2 = 8$$

noma

$$8 \div 2 = 4$$

Lolu luphawu
Iwekwehlukanisa.

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?

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

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

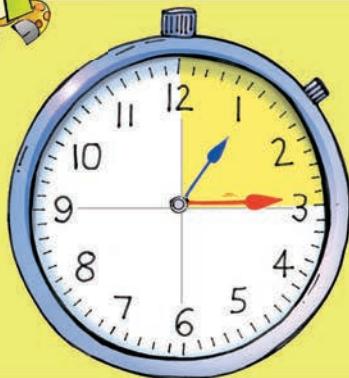


Teacher:
Sign:
Date:

85a



Coca ngeliwashi.



Ikota emva kwa . . .

Lusuku:



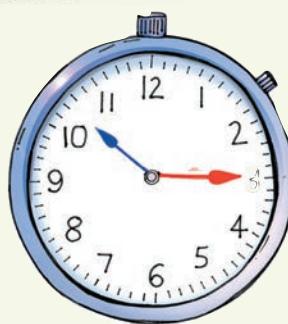
Lutsi lolufisha lusandza kwengca yekucala.

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 _____.

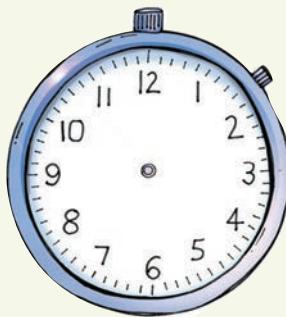


Dwweba lutsi loludze nelutsi lolufisha.

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 _____.

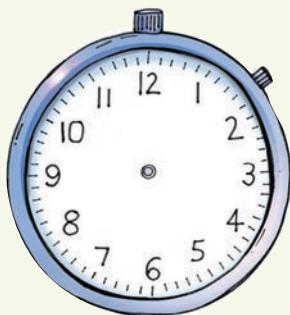
Lutsi loludze lume etukwa _____ wemizuzu.

Sitsi ngu _____ embi kwe _____.

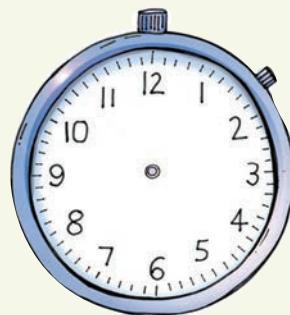


Dvweba lutsi loludze nelutsi lolufisha.

Kota phasi 4.



Kota phasi 8.



Teacher: _____
Sign: _____
Date: _____

85b



Sikhatsi siyahamba

Ithemu 3

2 ema-awa

2 ema-awa

1 li-awa

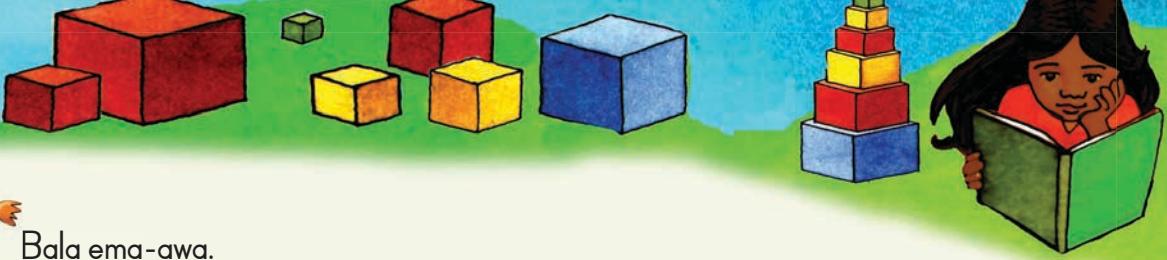
1 li-awa

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. Bebahambé ema-awa lamangaki?



Teacher:
Sign:
Date:



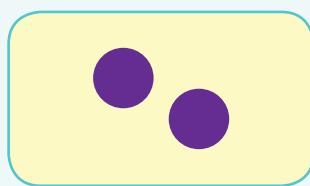
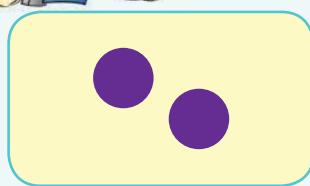
Imphindza-mibili



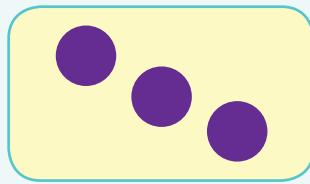
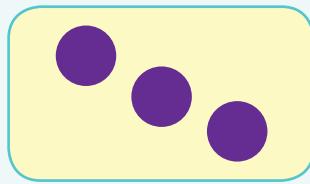
Bukisisa lesitfombe sekucala nesesibili. Yini leyentekile?



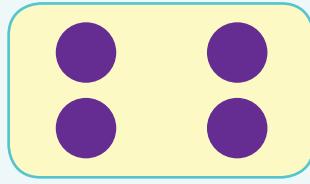
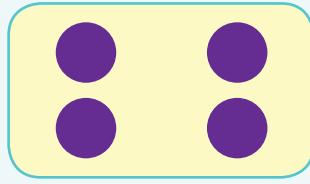
Yengeta emacashata, bese ubhala sibalo sakunye.



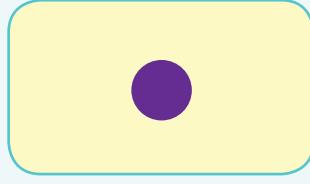
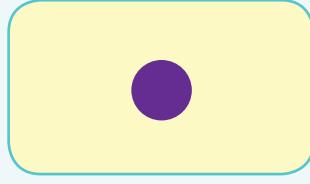
$\square + \square = \square$



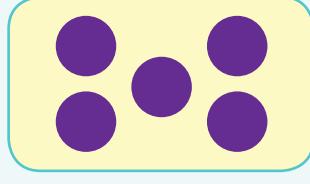
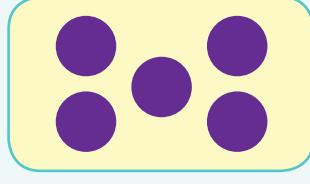
$\square + \square = \square$



$\square + \square = \square$



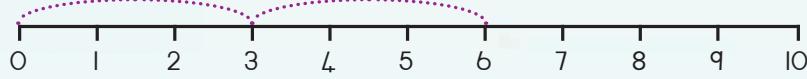
$\square + \square = \square$



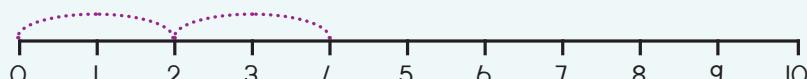
$\square + \square = \square$



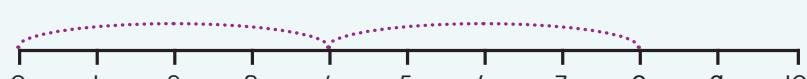
Sebentisa imigca-nombolo kubhala sibalo.



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



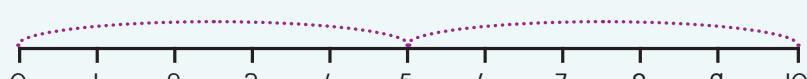
$$\boxed{} + \boxed{} = \boxed{}$$



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



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



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



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

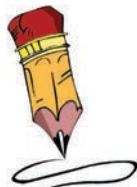
$$\boxed{} + \boxed{} = \boxed{}$$

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

Phindza kibili 5

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

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



2 4 6 8 10 12 14



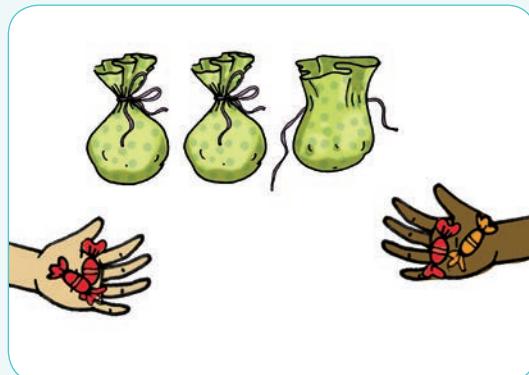
Teacher:
Sign:

Date:

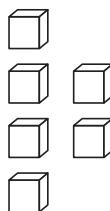


Kuphindza kibili nekuhhafula

Buka letifombe letimbili. Yenta yakakho indzaba.



Bala letintfo bese ufaka umbala kuhhafu wato.

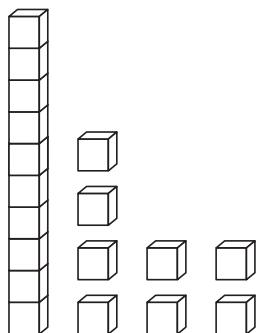


Bala

Bohhafu

Bala

Bohhafu



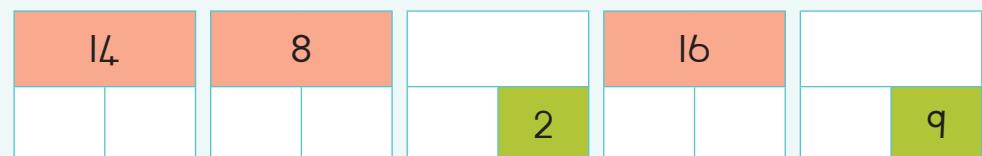
Cedzela loku lokulandzelako bese wenta umdvwebo.

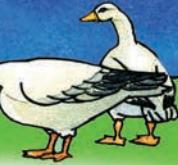
Imphindza-mbili
ya 12 ngu

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

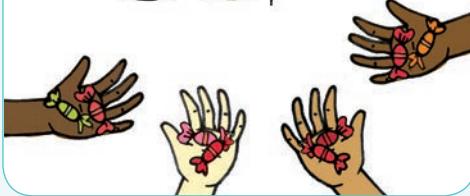
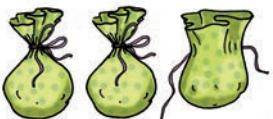
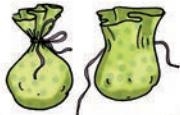


Cedzela.





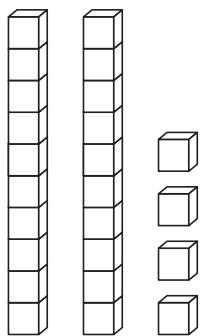
Buka letitfombe letimbili. Yenta yakakho indzaba.



Kuna 10 wemaswidi esikhwameni.

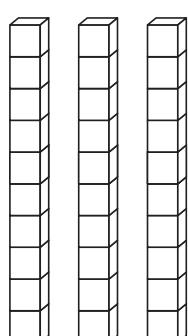


Bala letintfo bese ufaka umbala kuhhafu wato.



Bala

Bohhafu



Bala

Bohhafu



Cedzela loku lokulandzelako bese wenta umdvwebo.

Imphindza-mbili
ya 16 ngu

 +


Cedzela.

34

22

36

40

19

Teacher:

Sign:

Date:



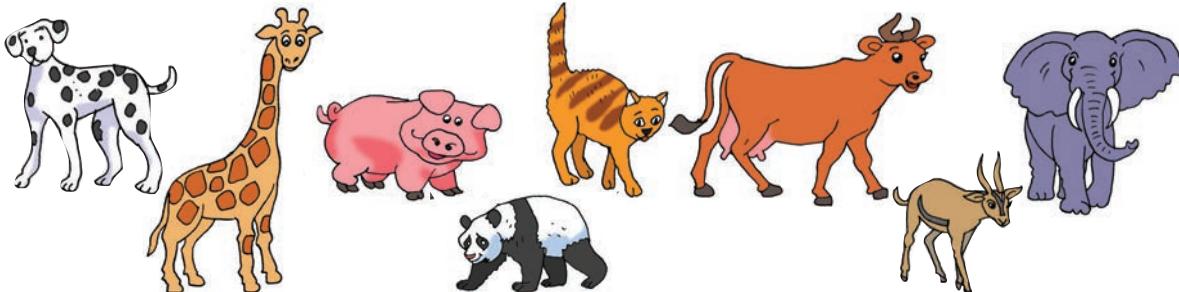


Siyachubeka ngekuphindzaphindza

Lusuku:

Tonkhe letilwane tinemilente lemi-4.

Tonkhe tilwane tinemehlo lamai-2.



Litsini linani selilonkhe
lemilente kulesitfombe?

Litsini linani selilonkhe
lemadlebe kulesitfombe?



Buka lesitfombe bese ucedzela loku lokulandzelako:

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:

$5 \times$ = <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:

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

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

$$= \boxed{1 \quad 0} + \boxed{4} \times 4$$

$$= \boxed{1 \quad 0} \times 4 + \boxed{4} \times 4$$

$$= 40 + 16$$



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

$$\begin{array}{r} 1 \quad 0 \\ + \quad 5 \\ \hline 1 \quad 0 \end{array} \times 4$$

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

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

$$= \boxed{}$$

$$= \boxed{}$$

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



Cedzela loku lokulandzelako:

5

Yaba 19 wetimabula ngekulingana emkhatsini wa 4 webantfwana.

$$\text{Umntfwana ngamunye utfola } \boxed{}$$

$$\text{Umsalela } \boxed{}$$

Yaba 22 wemapeniseli ngekulingana emkhatsini wa 4 webantfwana.

$$\text{Umntfwana ngamunye utfola } \boxed{}$$

$$\text{Umsalela } \boxed{}$$

Dvweba titfombe kukhombisa timphendvulo takho.

6
Yaba 23 wetincwadzi emkhatsini wa 4 webantfwana.

$$\text{Umntfwana ngamunye utfola } \boxed{}$$

$$\text{Umsalela } \boxed{}$$

Yaba 15 wetincwadzi emkhatsini wa 4 webantfwana.

$$\text{Umntfwana ngamunye utfola } \boxed{}$$

$$\text{Umsalela } \boxed{}$$



Teacher:	Sign:
Date:	



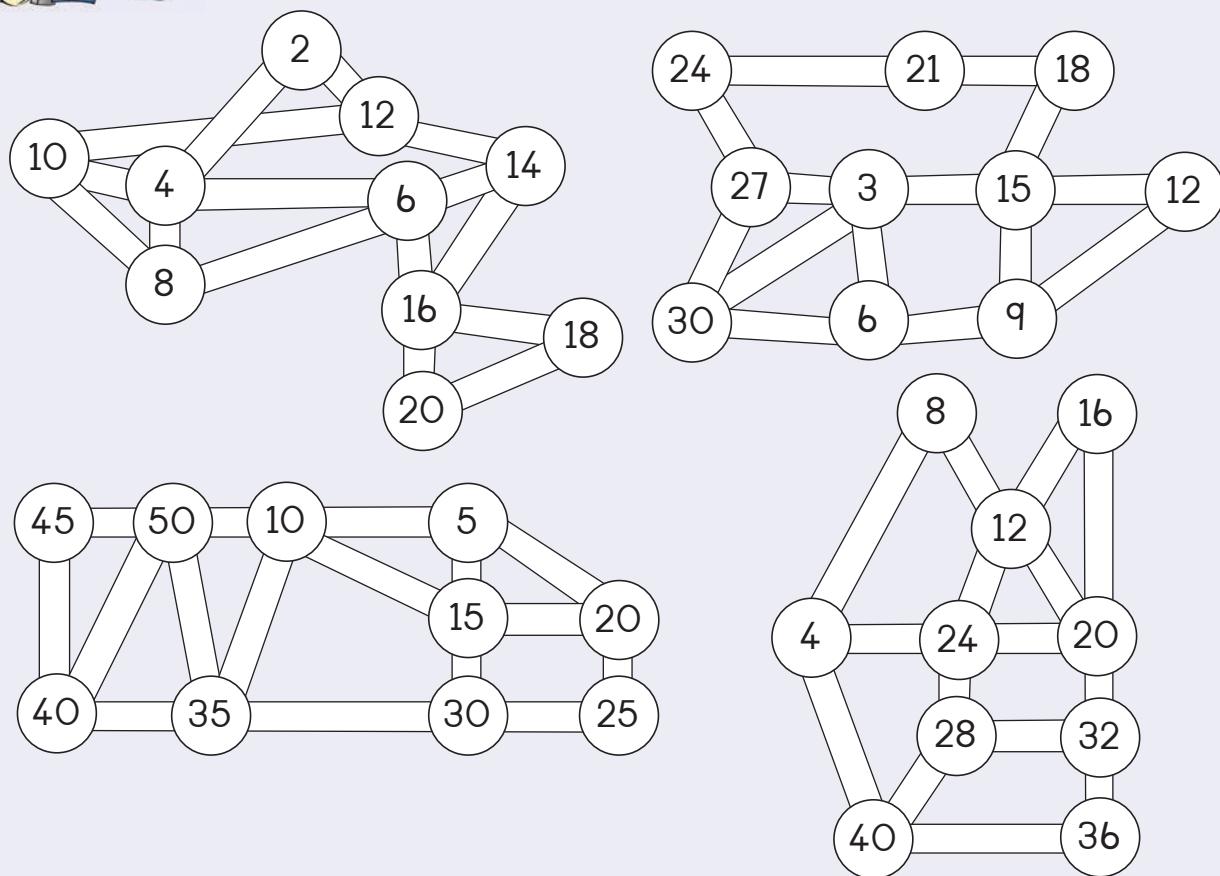
Emaphethini etinombolo

Lusuku:

Itaba yini inombolo ekhasini lelilandzelako?



Tfola lephethini. Dvweba lendlela, ucale ngenombolo lencane kakhulu.





Dweba 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	_____	_____



Teacher:
Sign:
Date:

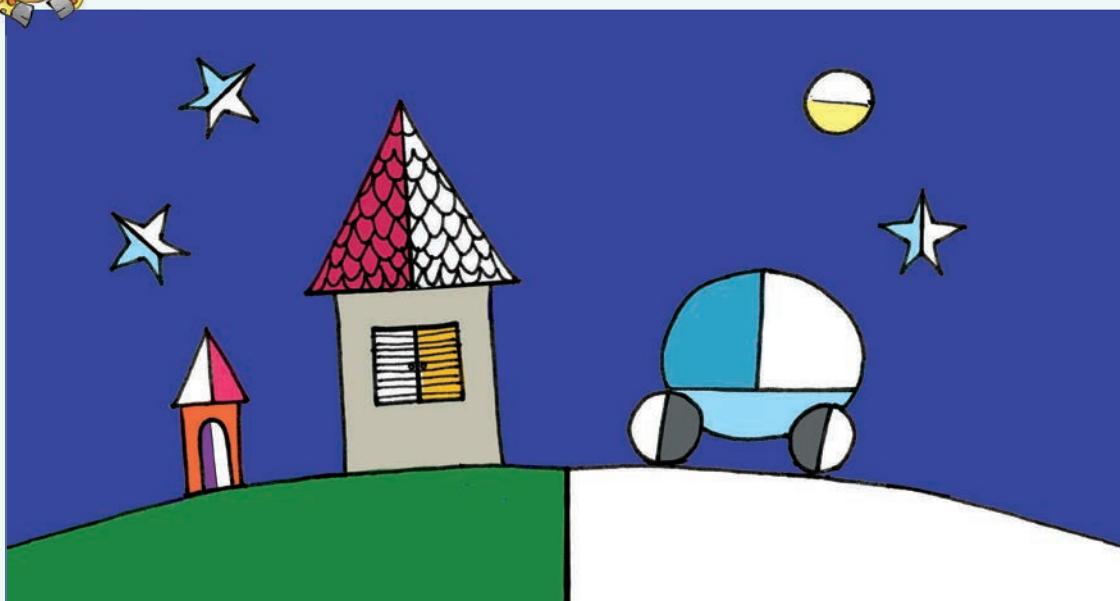
90



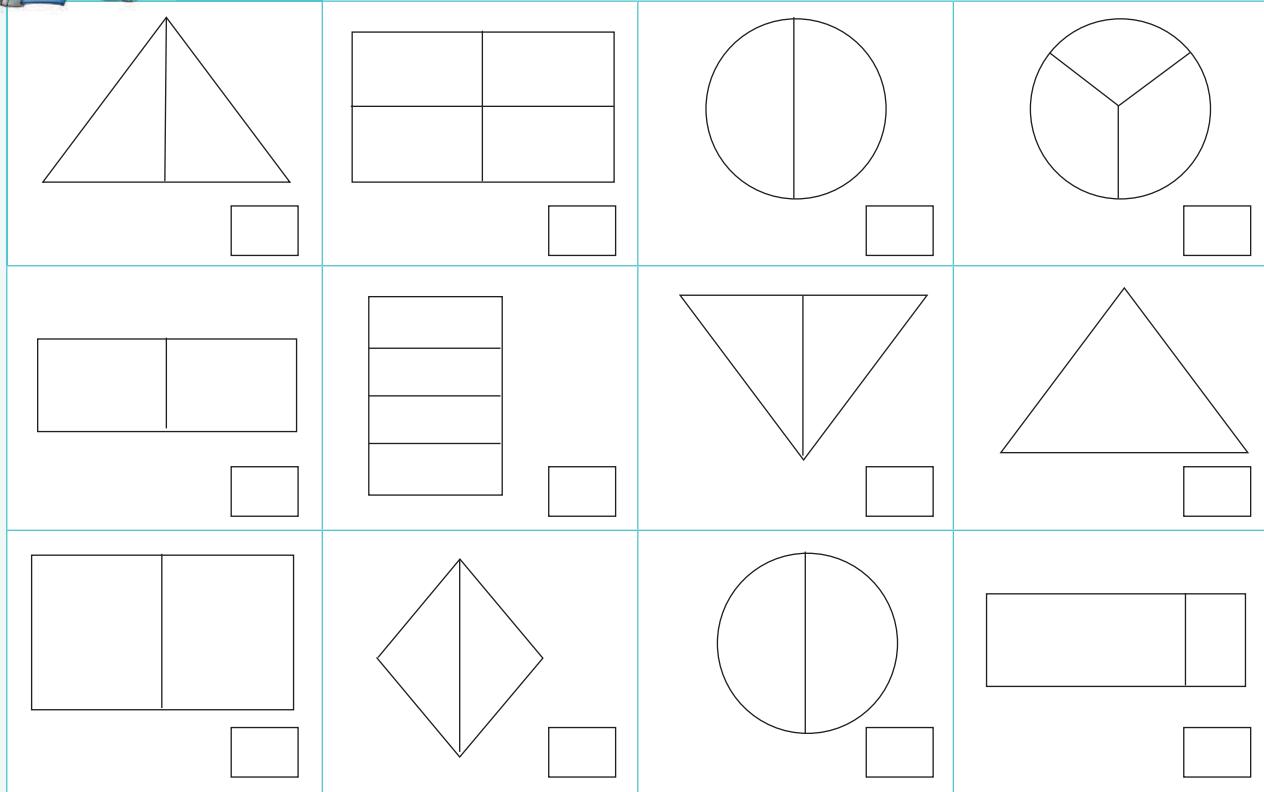
Emafrakishini – bohhafu

Lusuku:

Buka lesitfombe. Faka umbala munye kubohhafu ngabanye.

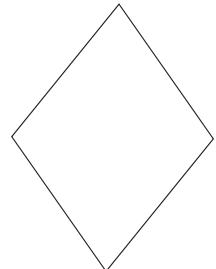
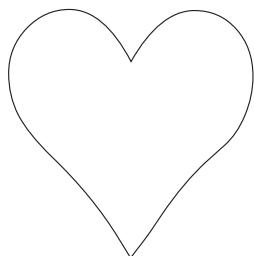
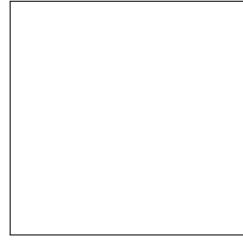
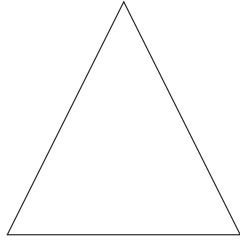
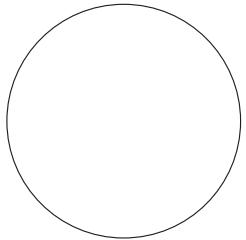


Buka lesitfombe. Faka lumphawu ✓ kulabobunjwa labakhombisa bohhafu.
Faka umbala kuhhafu munye wabunjwa ngamunye lohlukaniswe ngabohhafu.

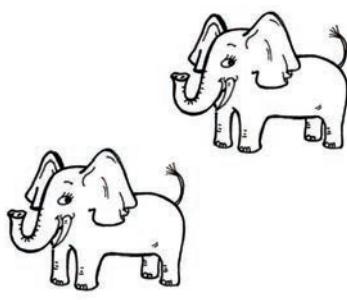
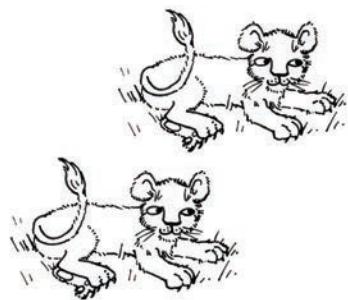
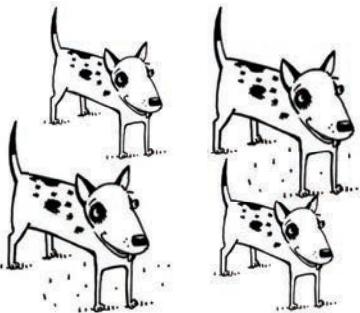
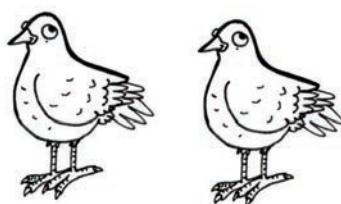
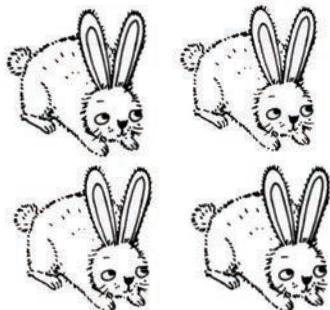
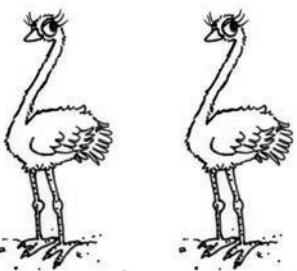




Faka umbala kuhhafu ngamunye kulabobunjwa.



Faka umbala kuhhafu wetilwane esibayeni ngasinye.



hahafu hahafu hahafu

Teacher:

Sign:

Date:

q1



Emafrakishini – siyachubeka ngekuphindzaphindza

Lusuku:

Ithemu 3



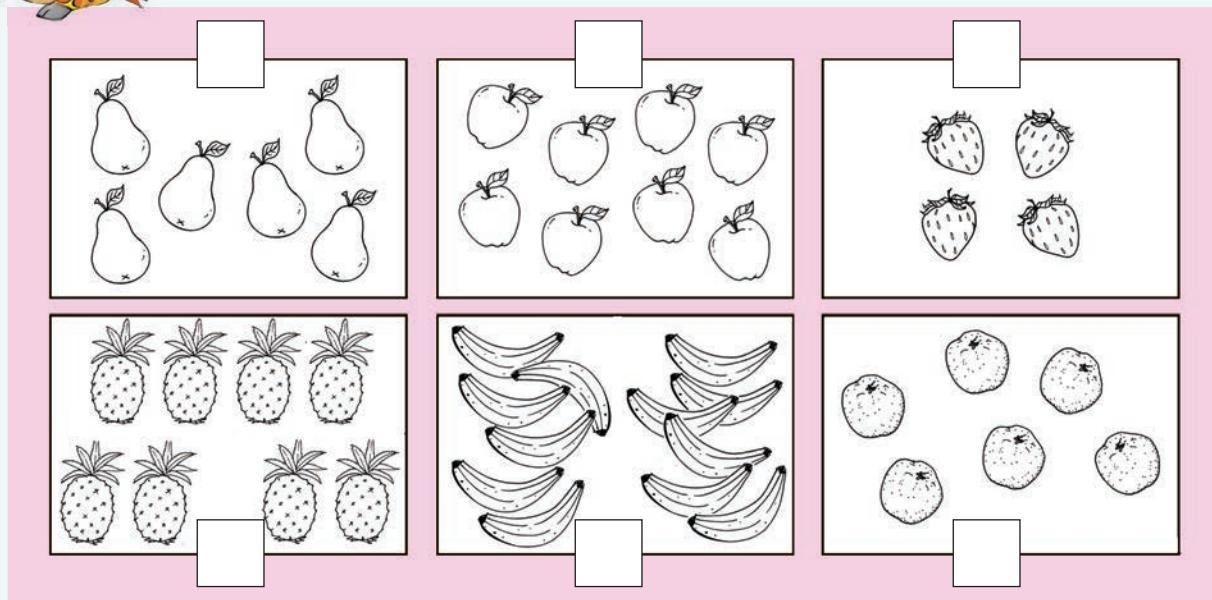
Buka lesitfombe. Usho kutsini ihhafu yinye?



Ihhafu yinye yemahhabhula esihlahleni ngu .

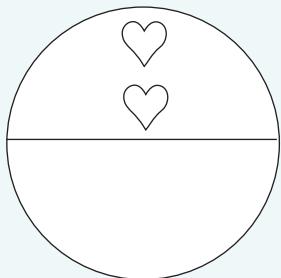
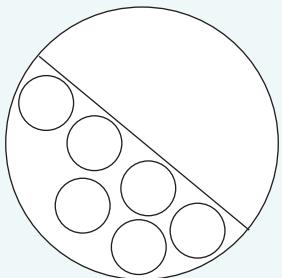
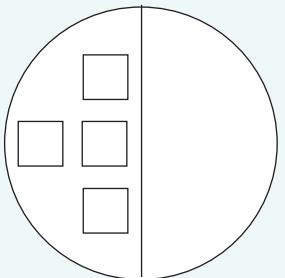
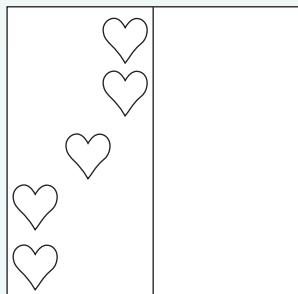
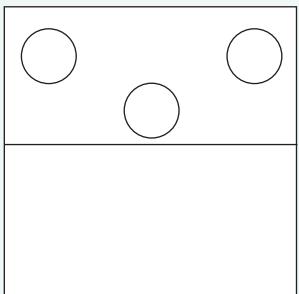
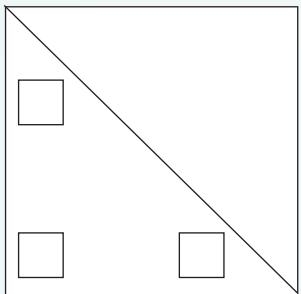


Faka umbala kuhhafu wesitselo esibayeni ngasinye.
Uyini hhafu welinani letitselo esibayeni ngasinye?

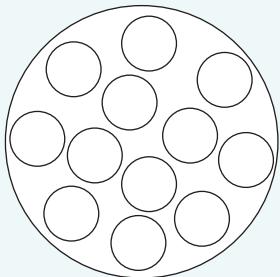
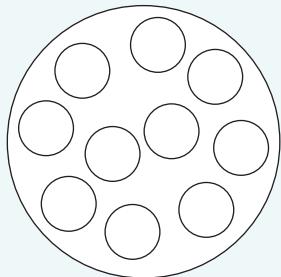
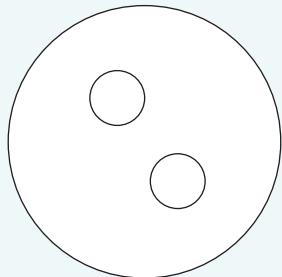
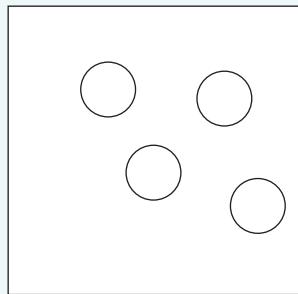
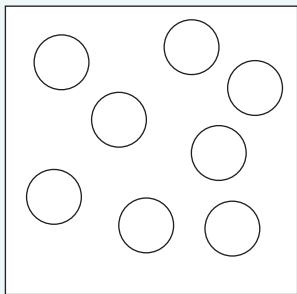
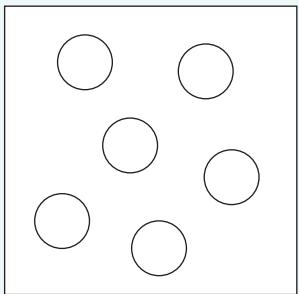




Dvweba lona lomunye hhafu.



Faka umbala kuhhafu wabobunjwa.



hhafu hhafu hhafu



Teacher:

Sign:

Date:



Sikhundla nelicala

Ime kuphi lenyoni? Lamagama atakusita.



Licala langembili lesakhiwo.



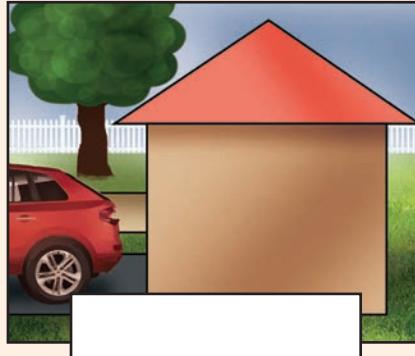
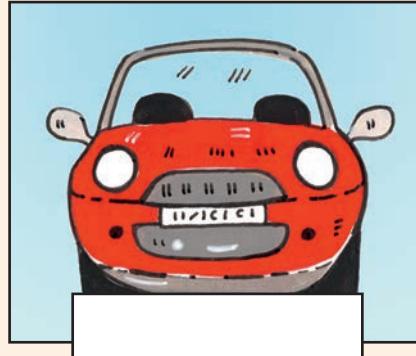
Licala laseceleni lesakhiwo.



Licala langetulu lesakhiwo.



Lomuntfu bekeme kuphi nakabona loku?

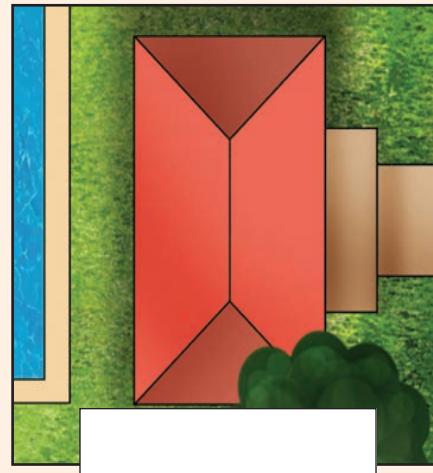
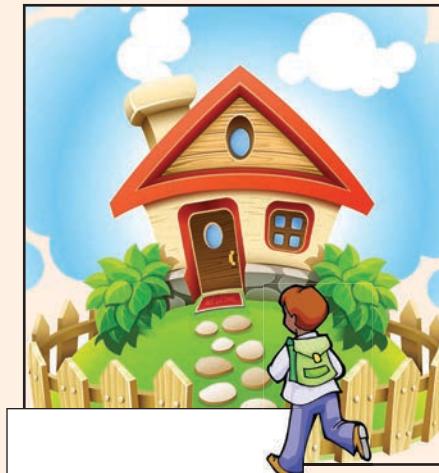
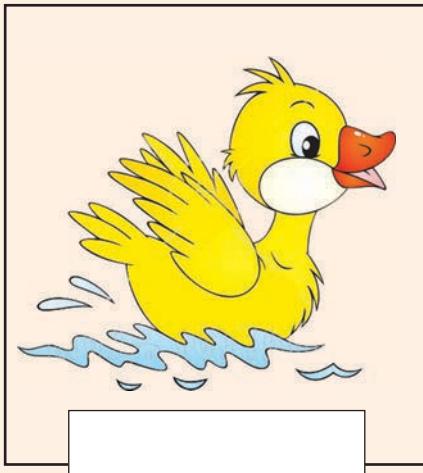


Bhala lamagama esitfombeni. Ubonani lomuntfu?

licala langembili

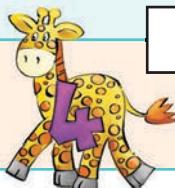
licala langetulu

licala laseceleni





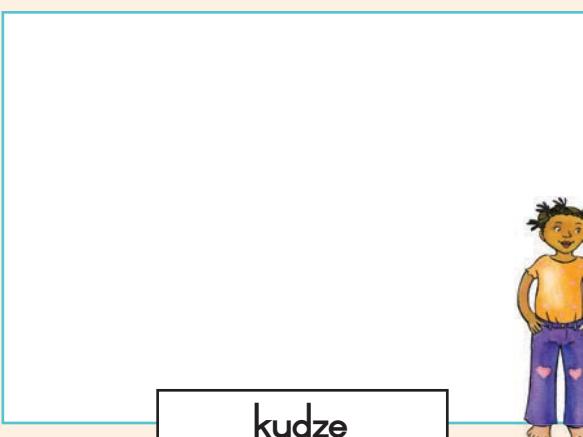
Shano kutsi ngabe lemoto isedvute noma
ikhashane nemfana.



Dvweba sihlahla madvute nakudze naalentfombatana.



madvute



kudze



Yenta lomsebenti:

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



Teacher:

Sign:

Date:



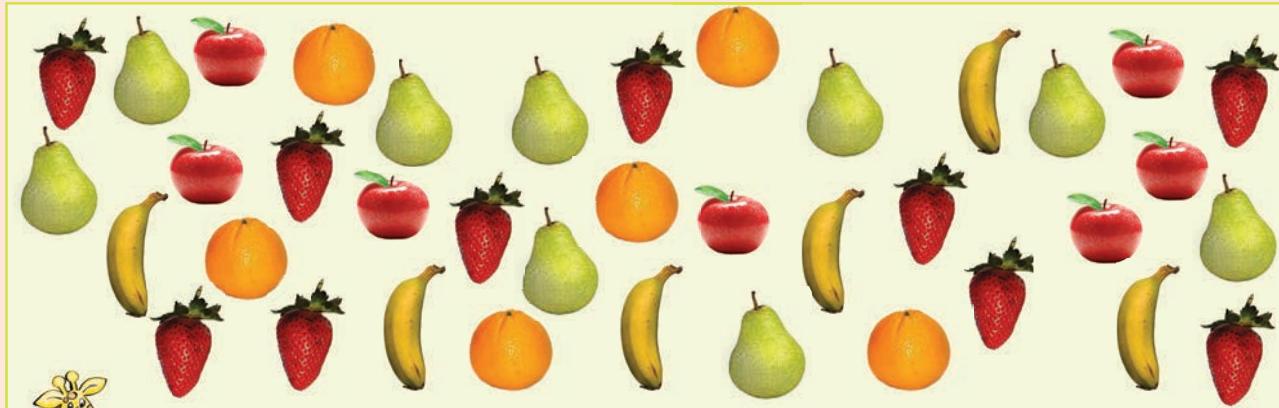
93



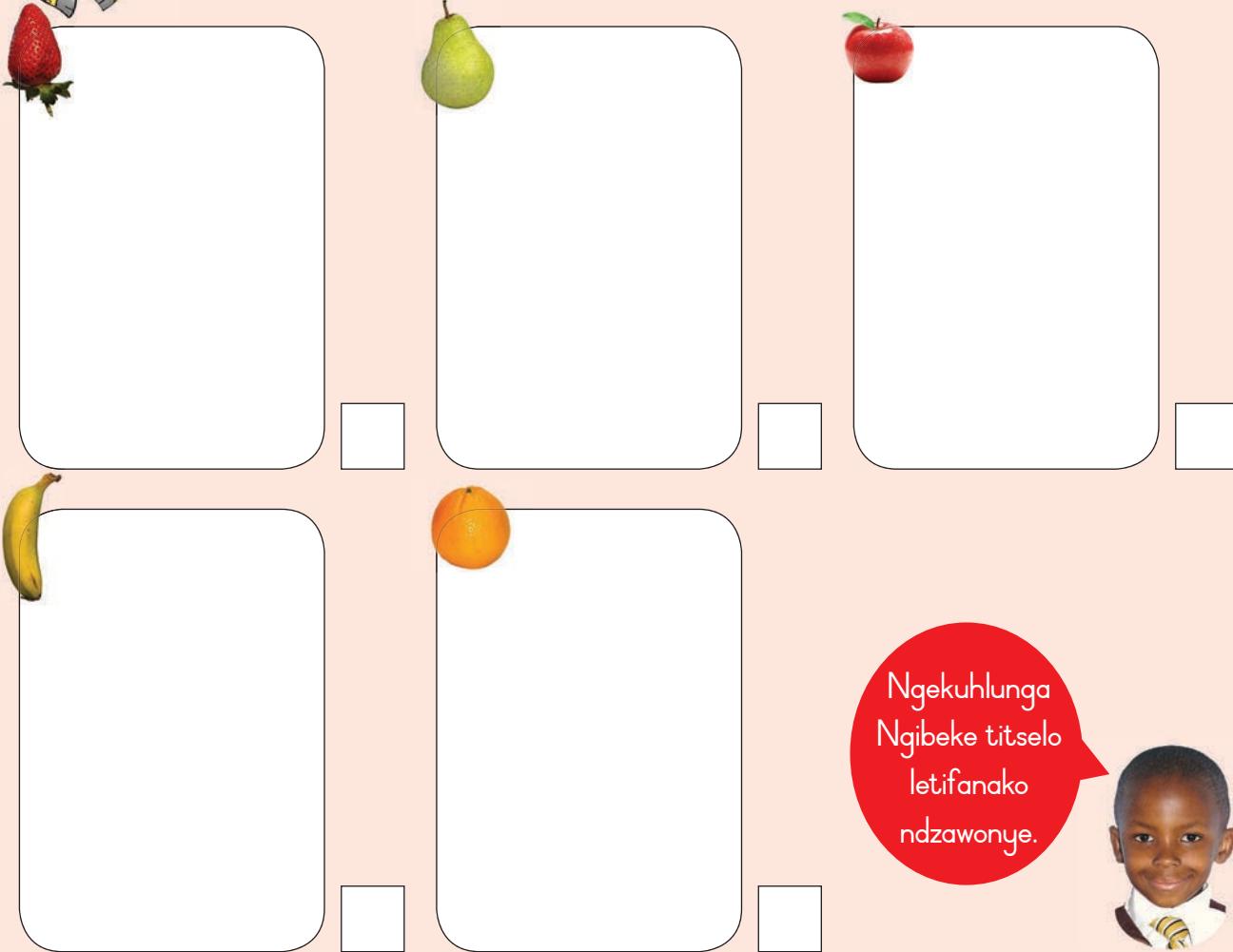
Lusuku:

Imininingwane siyachubeka futsi

Ithemu 3



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



Ngekuhlunga
Ngibeke titselo
letifanako
ndzawonye.





Dvweba sitfombe-mdvwebo saletitselo letihlungekile.

INKHOMBA:





Buka letitselo bese uphendvula lemibuto.

Phendvula lemibuto:

Ngusiphi sitselo lesinaso kakhudlwana?

Ngusiphi sitselo lesinaso kancane?



Teacher: _____
Sign: _____
Date: _____

q4a



Ithemu 3



Faka umbala lofanako ekoten i yekugcina.

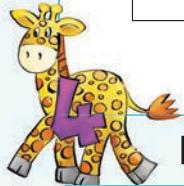
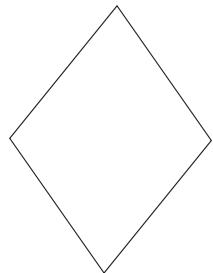
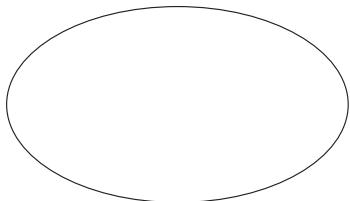
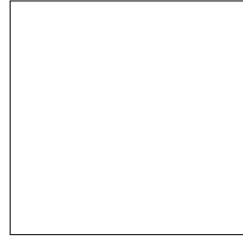
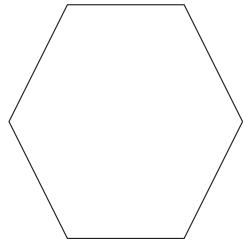
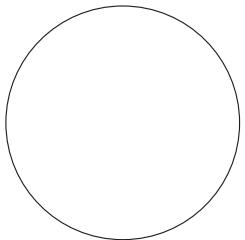


Faka lumphawu (✓) kulabobunjwa labakhombisa emakota.

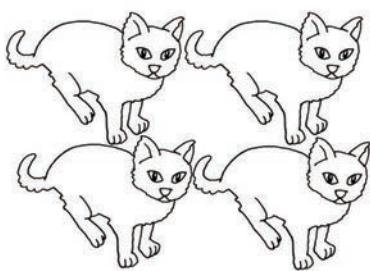
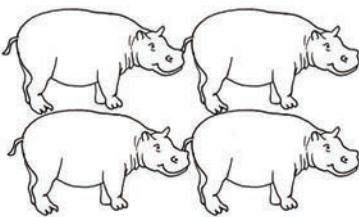
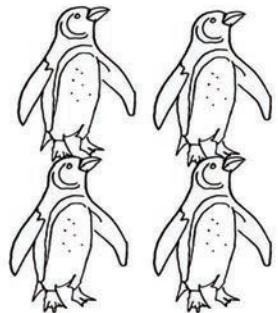
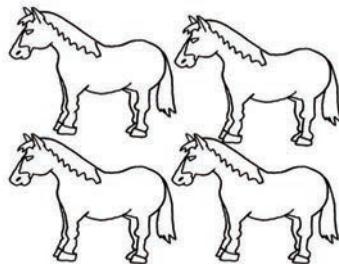
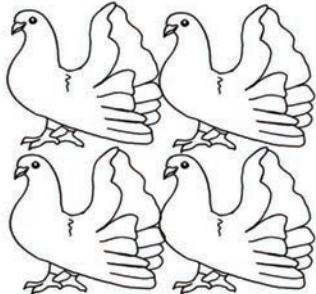
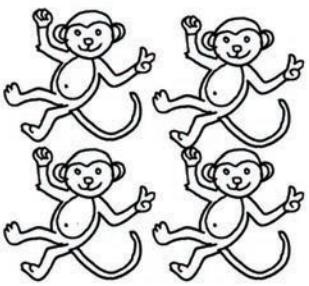
Faka umbala ekoten i yinye yabunjwa ngamunye lohlukaniswe ngemakota.



Faka umbala ekoteni yabunjwa ngamunye.



Faka umbala ekoteni yesicumbi ngasinye setilwane.



ikota

ikota

ikota



Teacher:

Sign:

Date:

94b



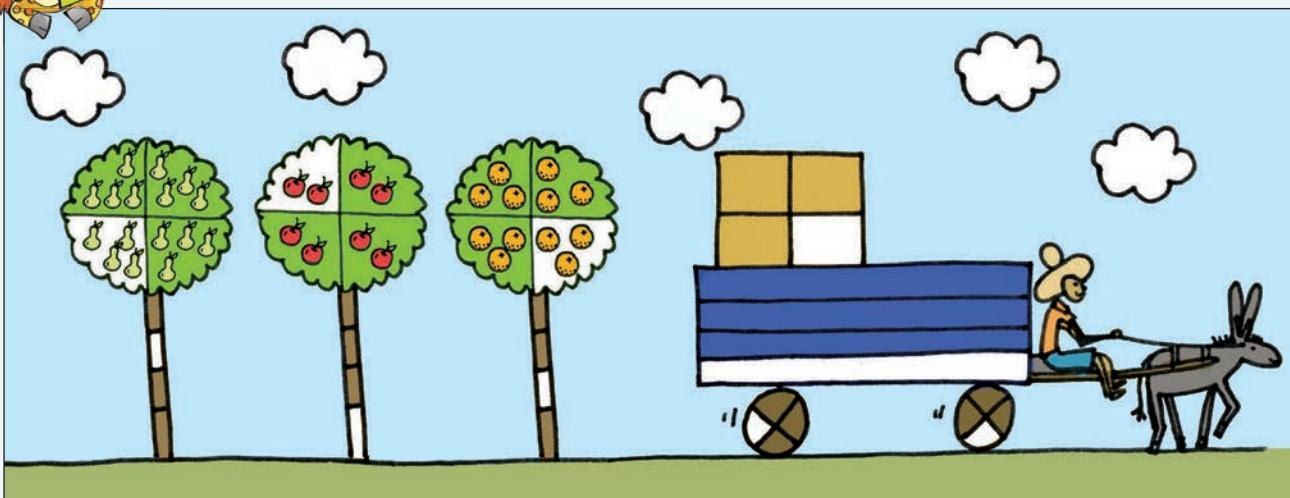
Emafrakishini – siyachubeka ngemakota

Lusuku:

Ithemu 3



Faka umbala lofanako ekoten i yekugcina.



Phendvula lemibuto lelandzelako:

ikota yinye yemapheya esihlahleni ngu _____.

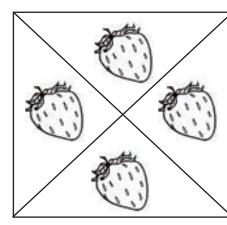
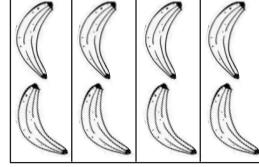
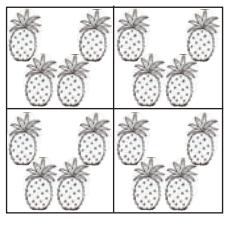
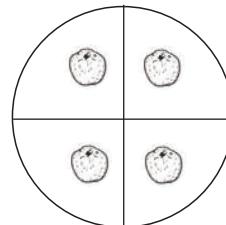
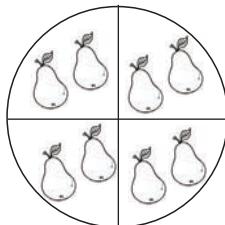
ikota yinye yemahhabhula esihlahleni ngu _____.

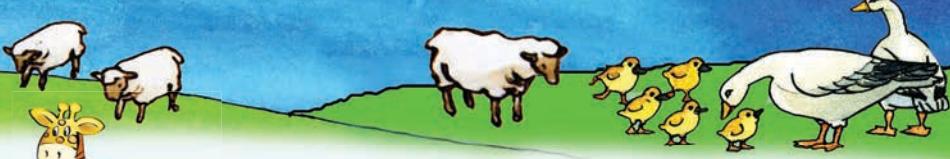
ikota yinye yema-orientji esihlahleni ngu _____.



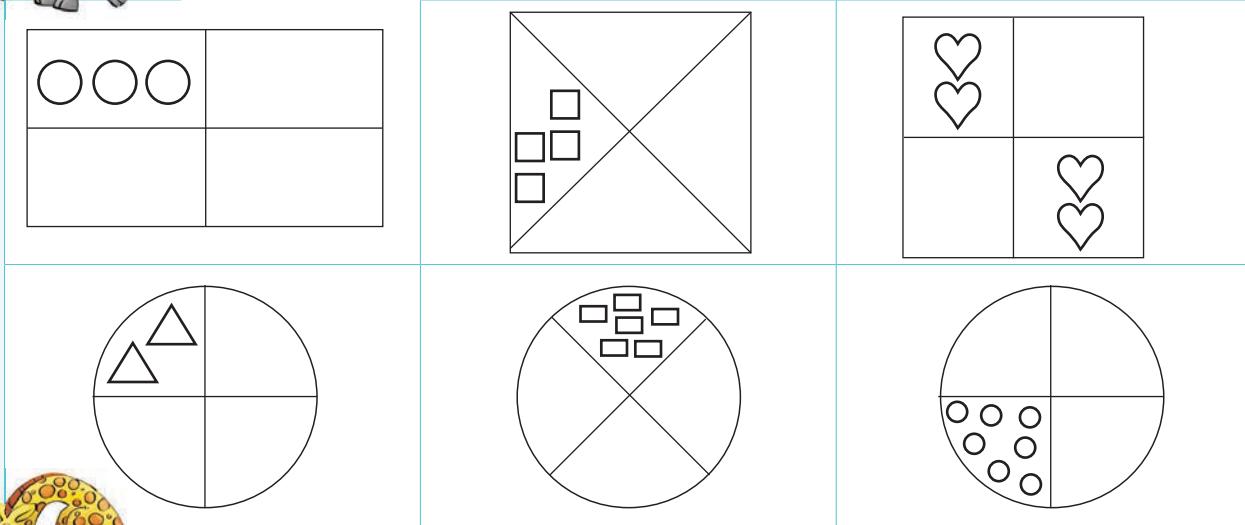
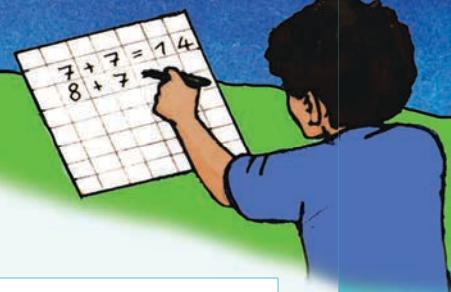
Faka umbala kukota yinye yesitselo kulelo nalelo cembu.

Iyini ikota yelinani letitselo esicumbini ngasinye?

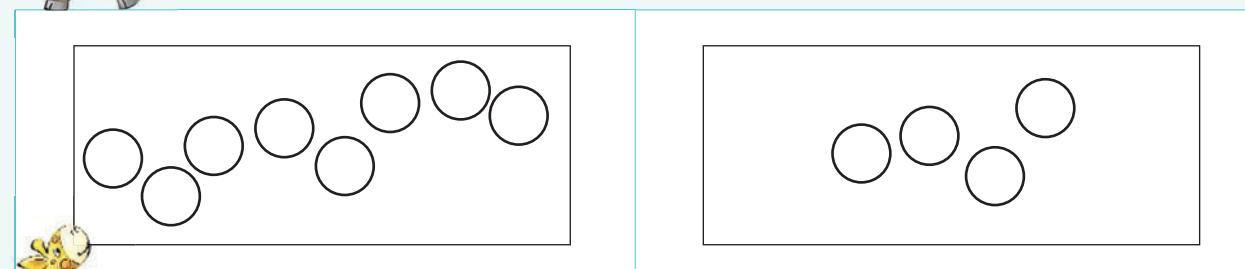




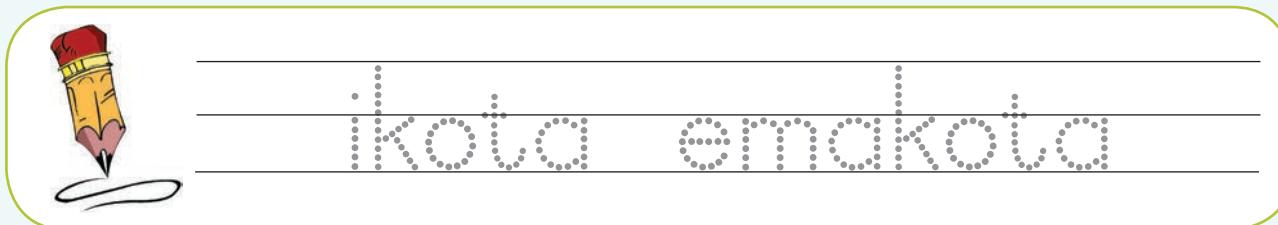
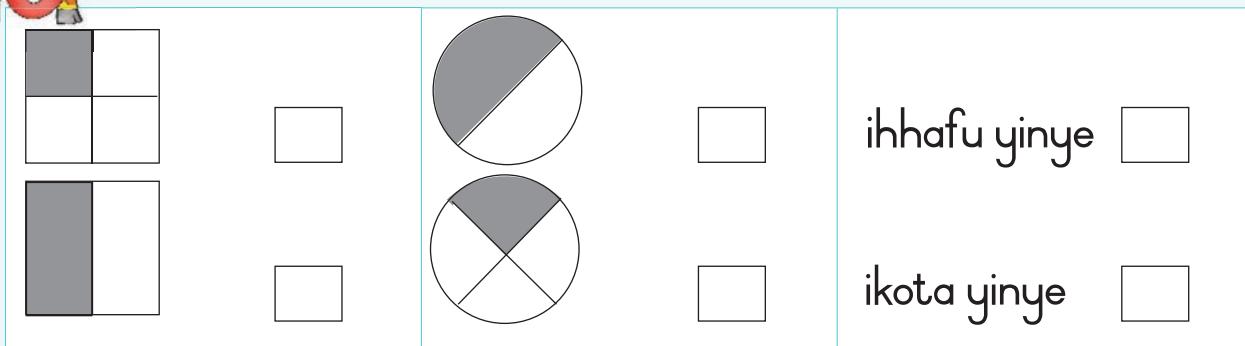
Dweba bobunjwa labanye kwenta ikota ngayinye
ilingane nalamanye.



Khombisa ikota yinye yabunjwa ngamunye.



Nguyiphi lenkhudlwana? Faka lumphawu (✓) emphendvulweni lengiyo.



Teacher: _____
Sign: _____
Date: _____

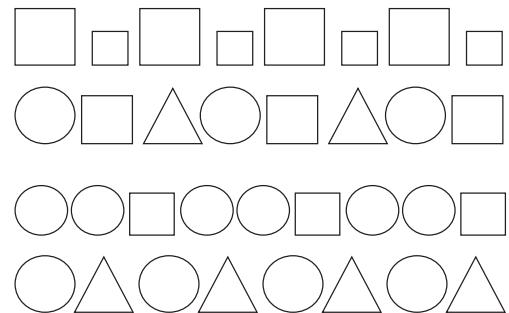
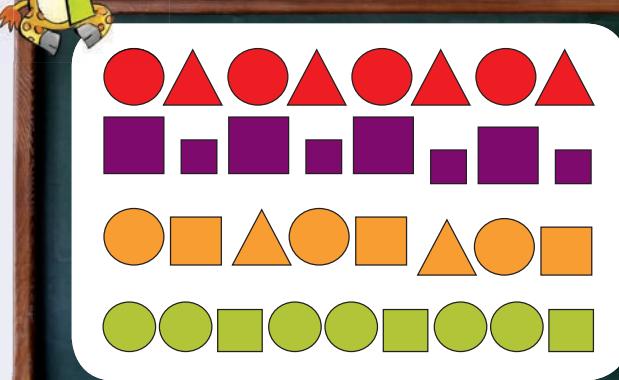
95

Emaphethini

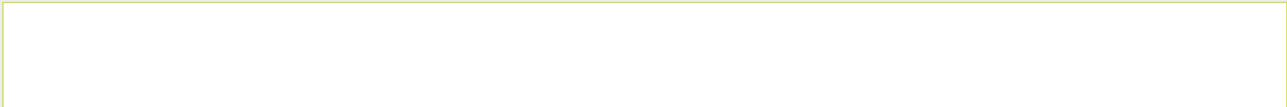
etinombolo nabobunjwa

Ithemu 3

Condzanisa lephethini.

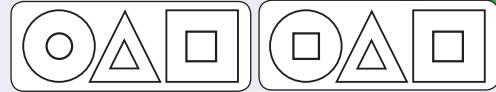


Kopa lephethini lelandzelako.

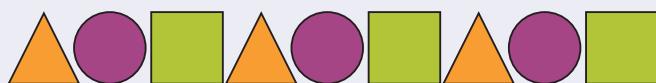




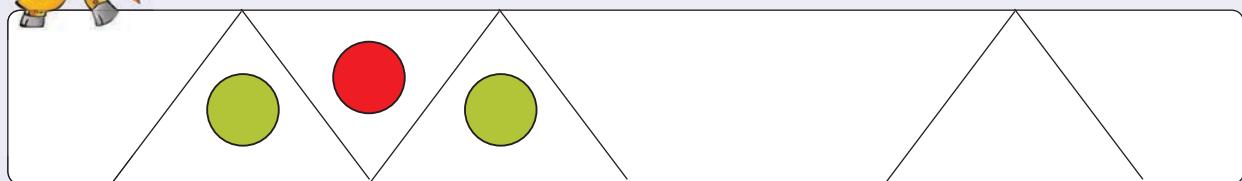
Faka umbala kulephethini lelandzelako.



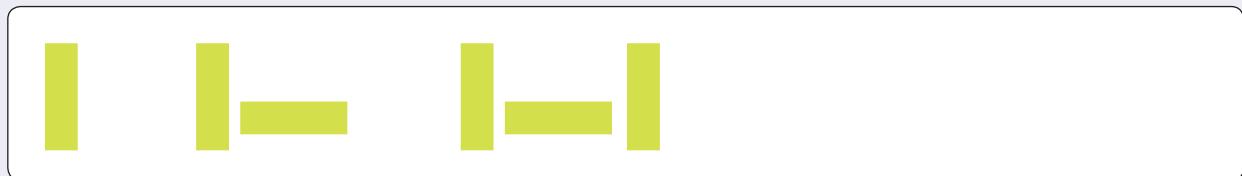
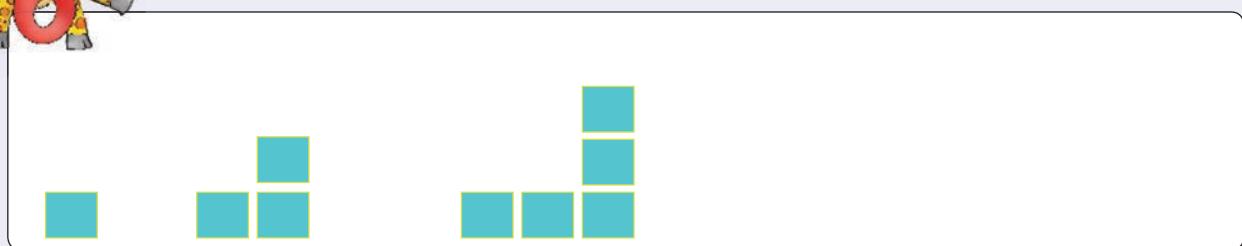
Dwweba iphethini lelandzelako.



Chubekisa lephethini.



Dwweba iphethini lelandzelako.



Dwweba yakakho iphethini.



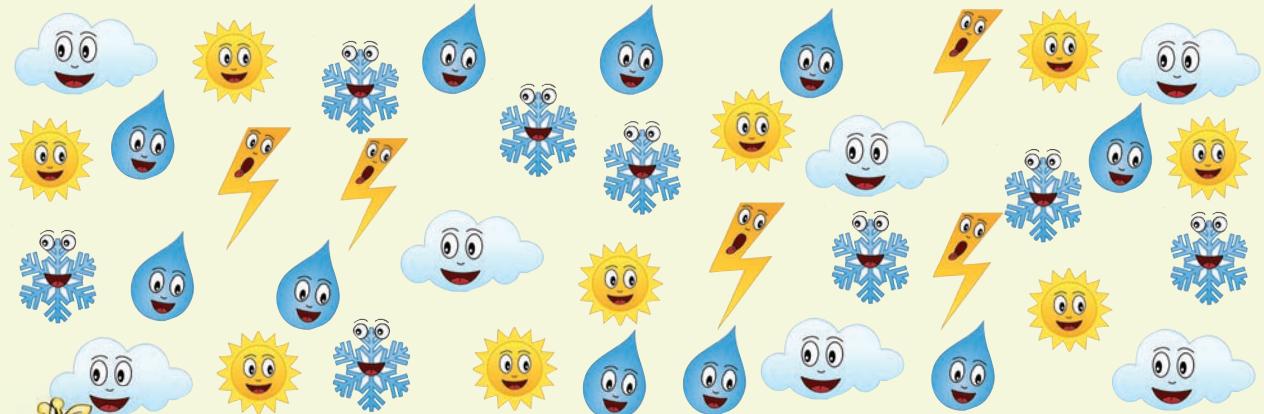
qb



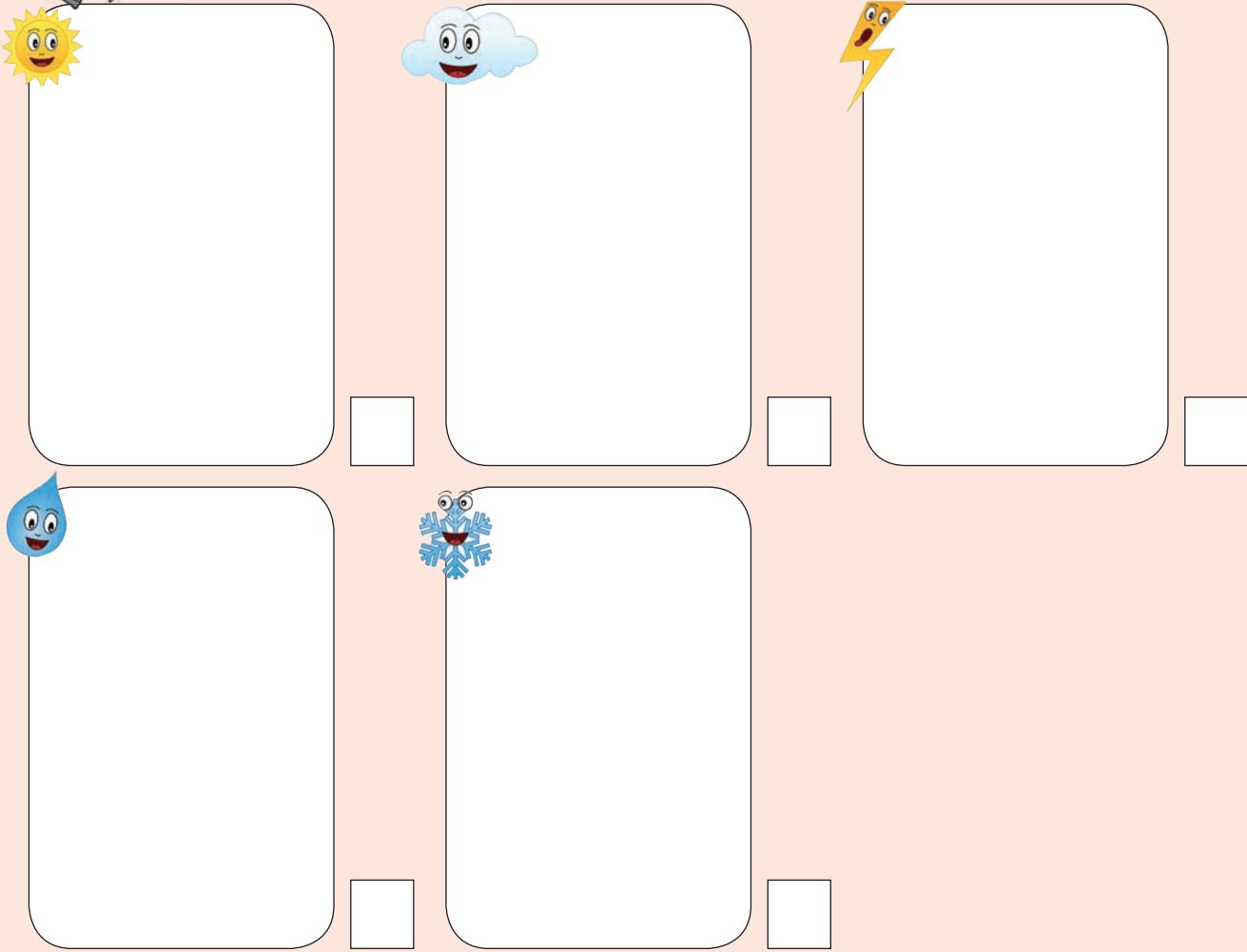
Lusuku:

Ithemu 3

Kuhlunga imininingwane



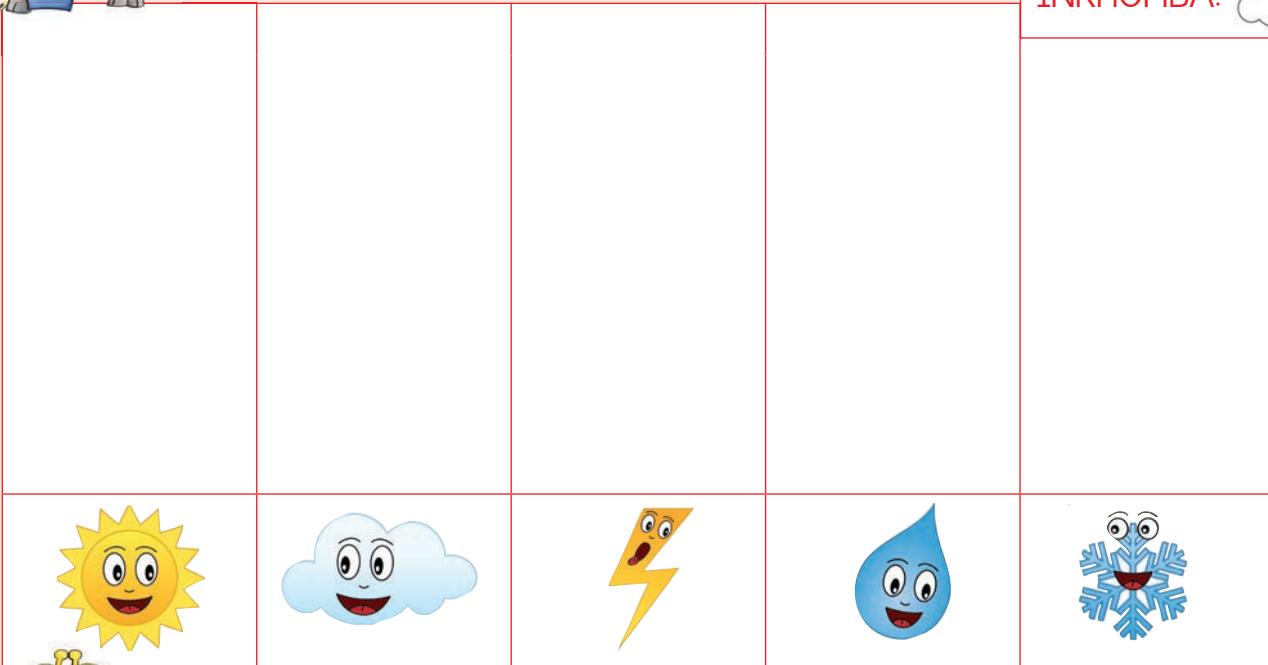
Hlunga letinkhomba tesimo selitulu. Yenta wakho umdvwebo.
Bhala samba (ithothali) ebhokisini.





Dvweba sitfombe-mdvwebo wesimo selitulu sakho lesihlungiwe.

INKHOMBA:



Buka letinkhomba bese uphendvula lemibuto. Phendvula lemibuto lelandzelako:

Sibe netinsuku letinengi letibalele
noma tibe tinengi letisibekelo?

Ucabanga kutsi ngusiphi sikhatsi
semnyaka lesi?

Usho ngani?

Ngabe lesimo sitawufana
kuto tonkhe tifundza yini?



97

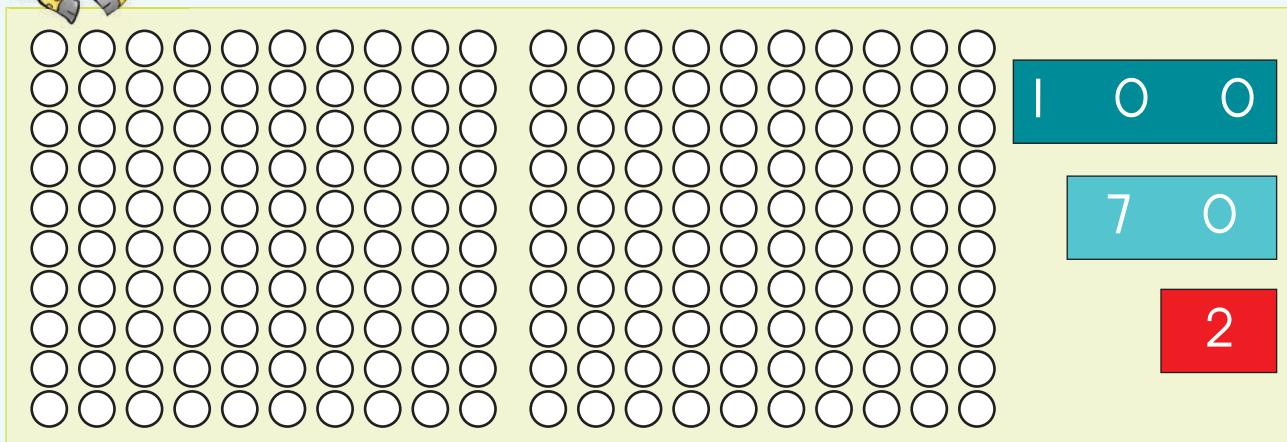


Ithemu 4

Tinombolo 150 – 180



Faka umbala ku 172 wetindilinga.



Bhala umusho nombolo wa:

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

$$100 + 50 + 8$$



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

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

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

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

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



Ngutiphi tinombolo letita emkhatsini:

$$150 \text{ na } 158$$

$$172 \text{ na } 177$$

$$180 \text{ na } 175$$

$$160 \text{ na } 155$$

$$165 \text{ na } 160$$

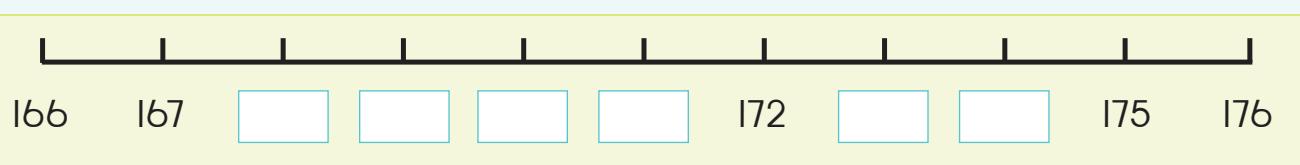
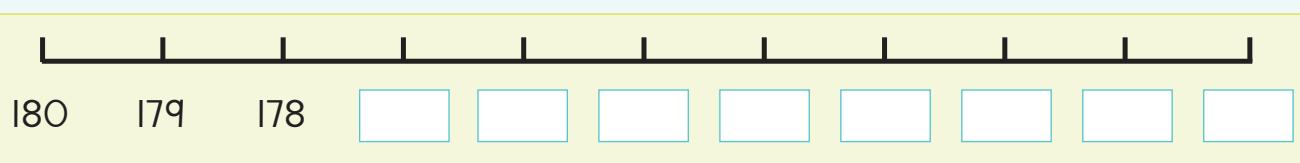
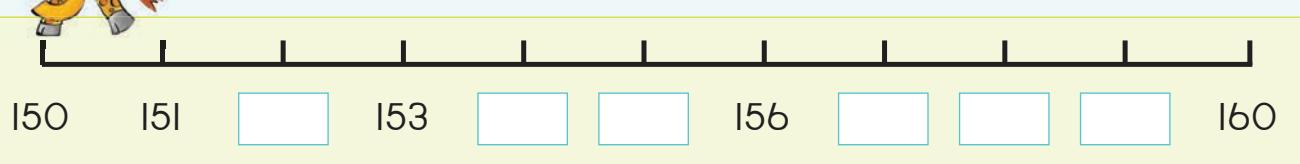


Niketa tinombolo tibe timbili letingephasana natimbili
letingetulu kwalenombolo leniketiwe.

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 kulenkhulukati kuya kulencane kakhulu.



Teacher: _____
Sign: _____
Date: _____

98

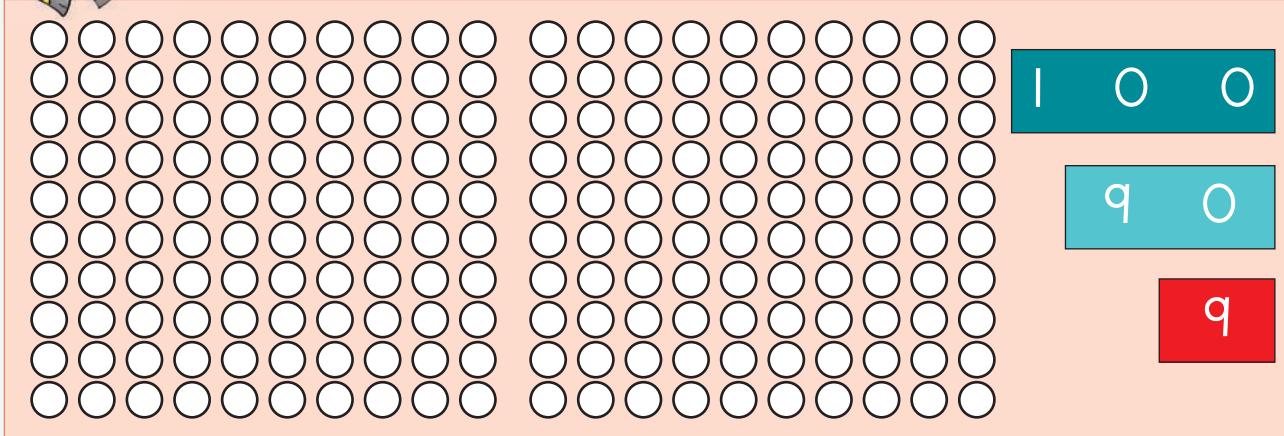


Inombolo 170 – 200

Ithemu 4



Faka umbala ku 199 wetindilinga.



Bhala inombolo ya:

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

$100 + 70 + 7 = 177$

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

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

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

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

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



Ngutiphi tinombolo letita emkhatsini wa:

170 na 175 _____

198 na 195 _____

180 na 175 _____

168 na 173 _____

200 na 196 _____



Niketa tinombolo tibe timbili letingephasana natimbili
letingetulu kwalenombolo leniketiwe.

Kuncane

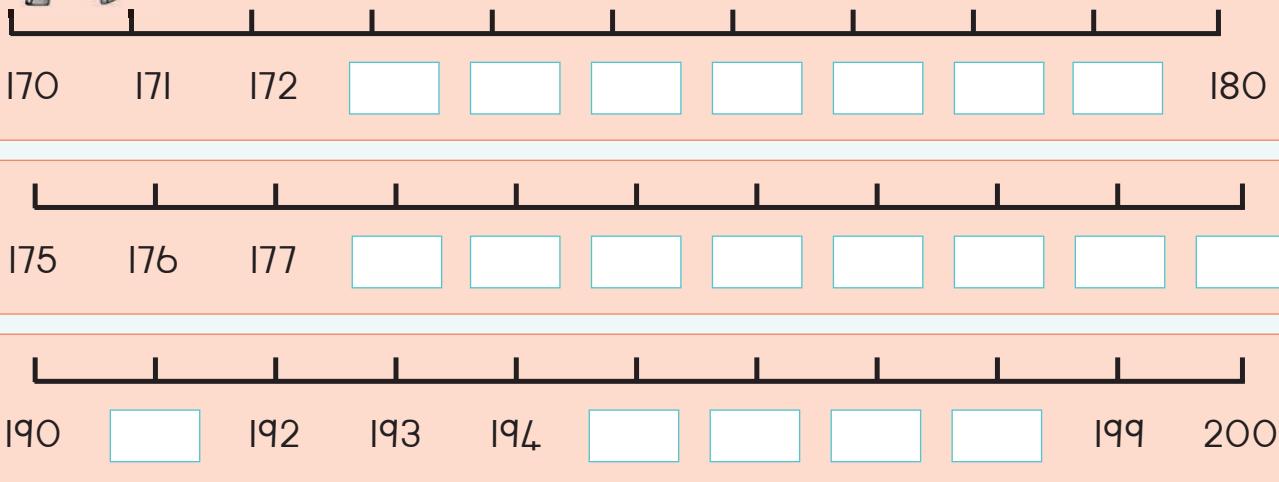
Inombolo

Kukhulu

	170	
	198	
	185	
	174	
	181	



Cedzela lemigca-nombolo.



Sika kahle tinombolo letintsatfu emkhatsini wa 170 na 200 kumagazini noma
liphephandzaba. Tinameke lapha kusuka kulenkhlukati kuya kulencane kakhulu.



Teacher:

Sign:

Date:

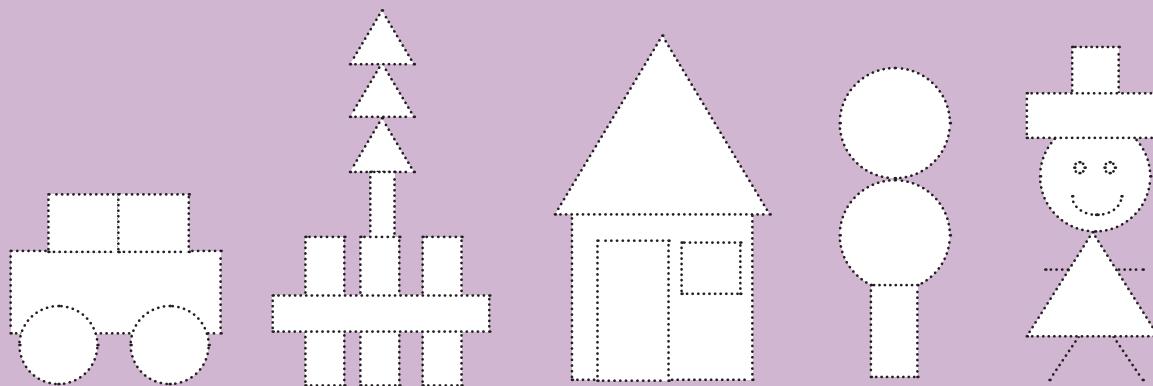
qq



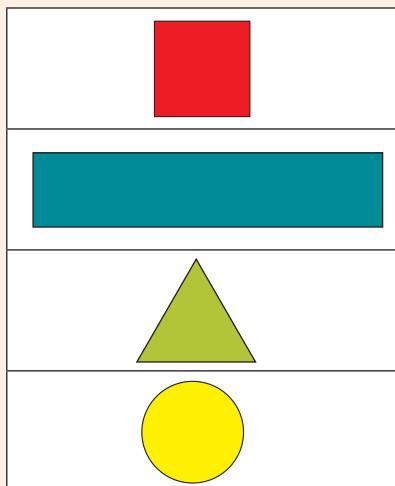
Bobunjwa be 2-D

Ithemu 4

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



Faka ligama lihambisane nabunjwa.



calantsatfu

indilinga

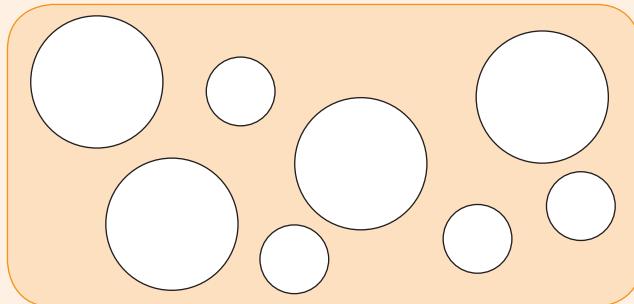
sikwele

calandze



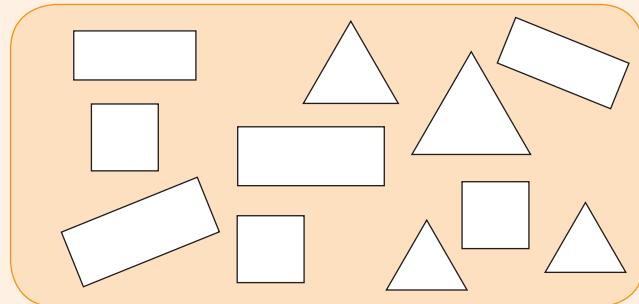
Faka umbala:

- Lobovu tindilinga letinkhulu
- Lomtfubi tindilinga letincane



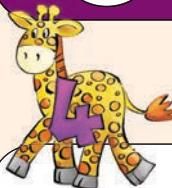
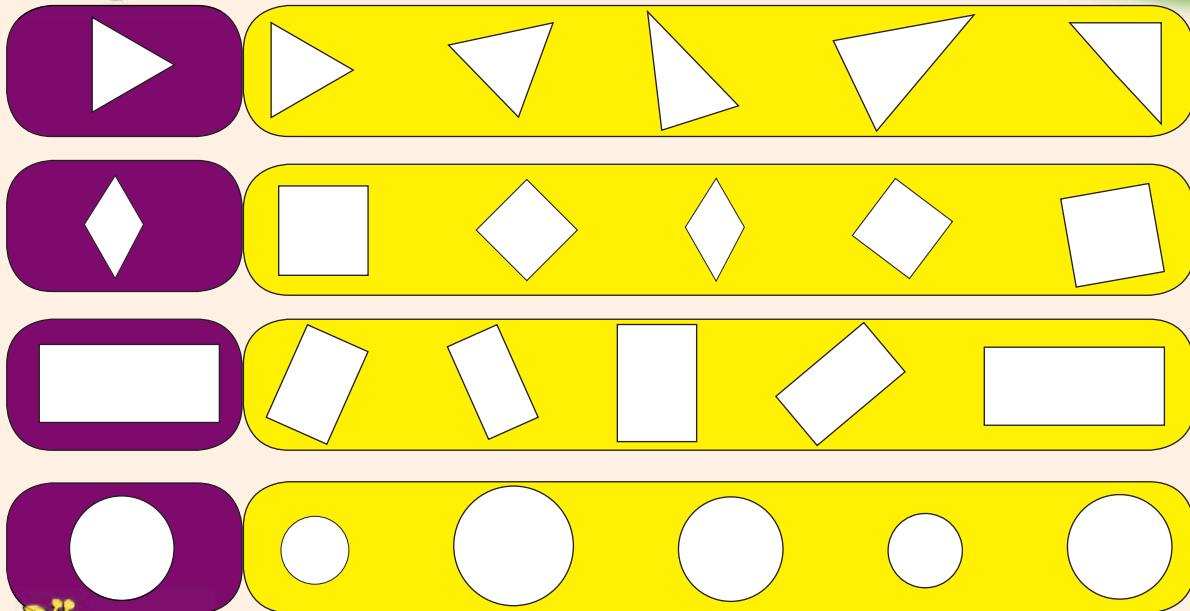
Faka umbala:

- Lobovu bocalandze labakhulu
- Lomtfubi bocalandze labancane





Faka umbala kubunjwa labafana ngco nabunjwa
wekucala.



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



Teacher:
Sign:
Date:

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

100



Tinombolo 0 – 200

Ithemu 4



Tingaki tinombolo letehlukene longatakha?

1 0 0

4 0

2

q

5 0

1 0 0

1 0 0

2 0

1

7 0

8



Cedzela loku lokulandzelako.

1 0 0

4 0 q

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

1 0 0

7 0 3

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

1 0 0

2 0 8

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

1 0 0

1 0 7

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

1 0 0

9 0 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:

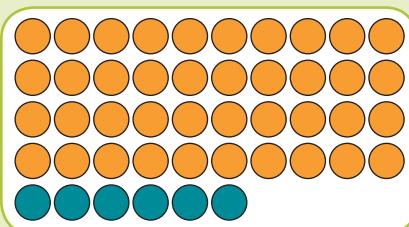
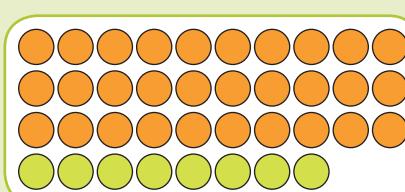


Kuhlanganisa nekususa

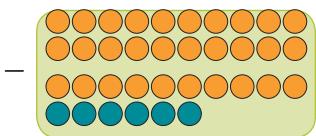
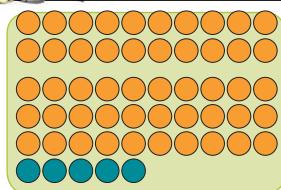
Lusuku:

Bukani lelibhodi-tinombolo nebuahlalu. Cocisanani ngalo.

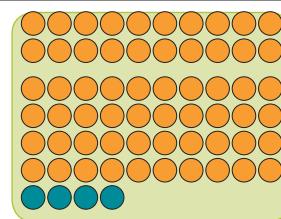
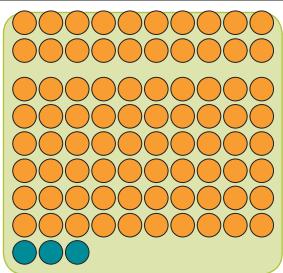
I	2	3	4	5	6	7	8	9	10
II	12	13	14	15	16	17	18	19	20
2I	22	23	24	25	26	27	28	29	30
3I	32	33	34	35	36	37	38	39	40
4I	42	43	44	45	46	47	48	49	50
5I	52	53	54	55	56	57	58	59	60
6I	62	63	64	65	66	67	68	69	70
7I	72	73	74	75	76	77	78	79	80
8I	82	83	84	85	86	87	88	89	90
9I	92	93	94	95	96	97	98	99	100



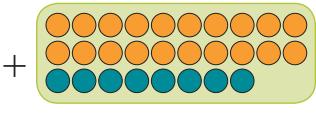
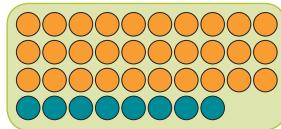
Hlanganisa noma ususe buhlalu.



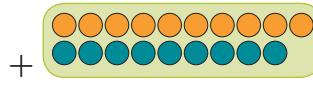
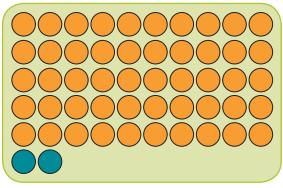
$$\begin{array}{r}
 50 \quad 5 \quad - \quad 30 \quad 6 \\
 = 40 + 15 - 30 - 6 \\
 = 10 + 9 \\
 = 19
 \end{array}$$



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



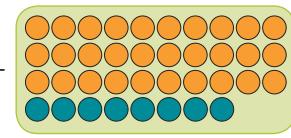
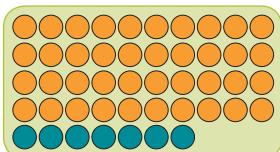
$$\begin{array}{r}
 \boxed{} \quad \boxed{} + \quad \boxed{} \quad \boxed{} \\
 = \boxed{} + \boxed{} + \boxed{} \\
 = \boxed{} + \boxed{} + \boxed{} \\
 = \boxed{} + \boxed{} \\
 = \boxed{}
 \end{array}$$



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

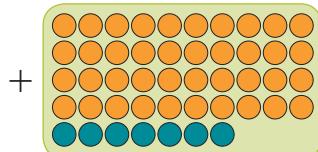
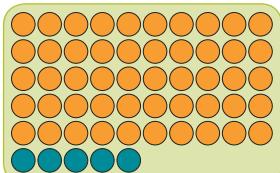


Yenta silinganiso bese uyabala.



Yenta silinganiso

Bala



Yenta silinganiso

Bala



Bala usebentisa indlela yakho.

$53 + 39$

$92 - 48$



Hlanganisa 39 na 29.

Yini 43 kususwe 19?

Susa 45 ku 74.

Yini 82 kususwe 69?





Kuhlanganisa nekususa njalo

Lusuku:

Buka le-abhaksi ngesancele nesekudla. Ubonani?

2 0

8

=

3 0

7

6 0

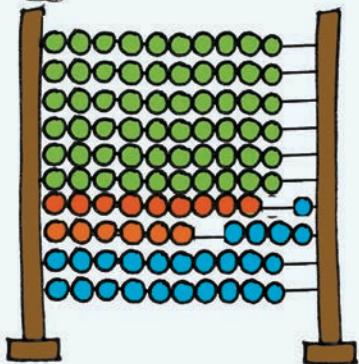
5

Hlanganisa
letinombolo letimbili.

Ilingana
na?

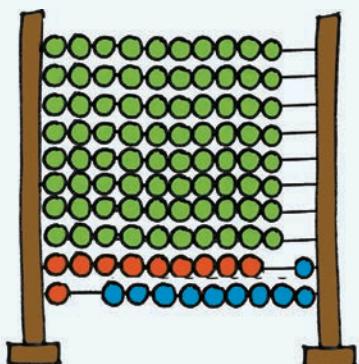


Bhala sibalo sekuhlanganisa nekususa. Bala.



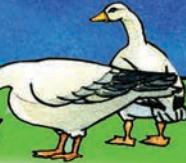
Sibalo sekuhlanganisa

Sibalo sekususa

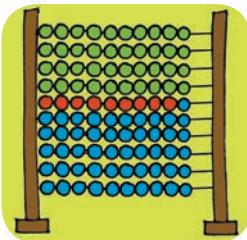


Sibalo sekuhlanganisa

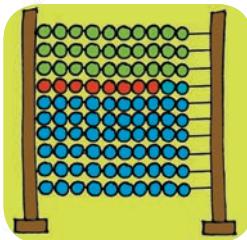
Sibalo sekususa



Yenta silinganiso bese uyalala.

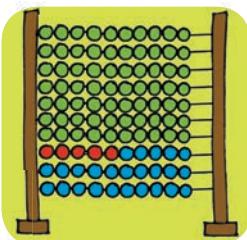


+

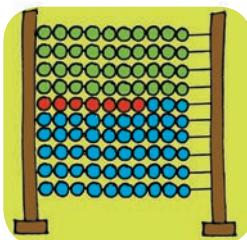


Yenta silinganiso

Bala



-



Yenta silinganiso

Bala



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.



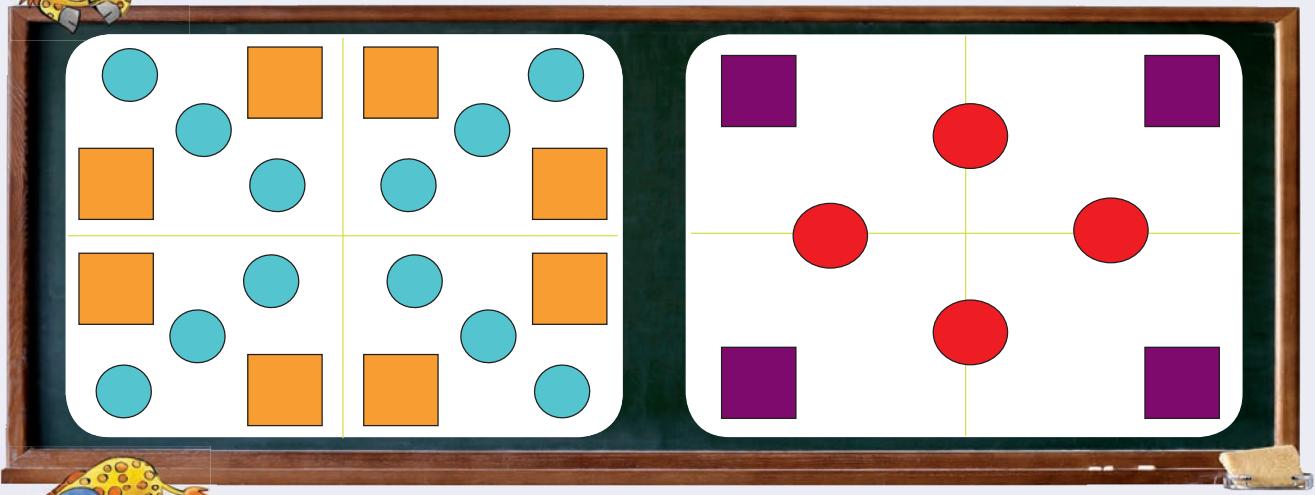
103

Siyachubeka ngemaphethini

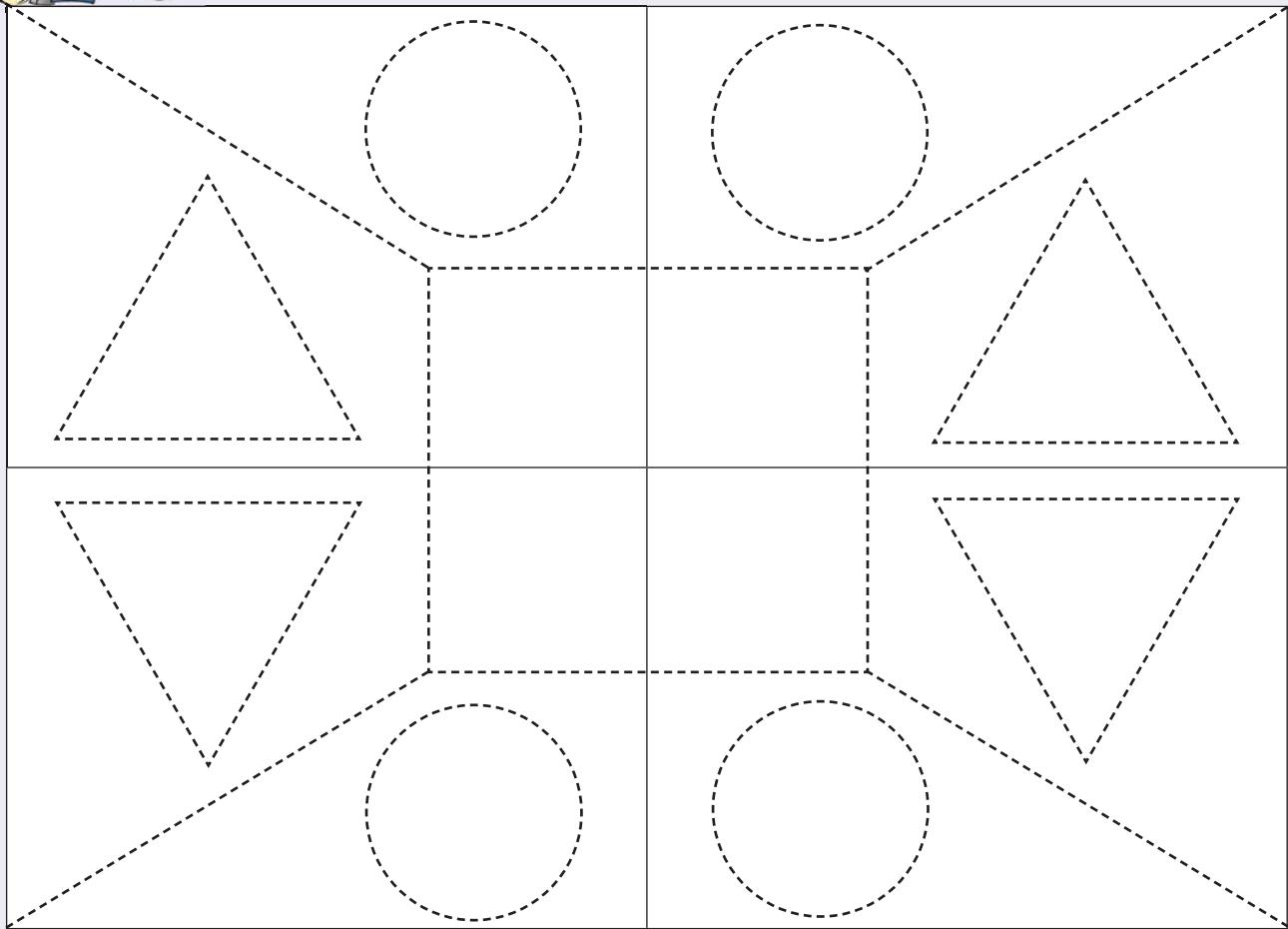
Ithemu 4



Chaza lephethini.

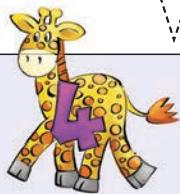
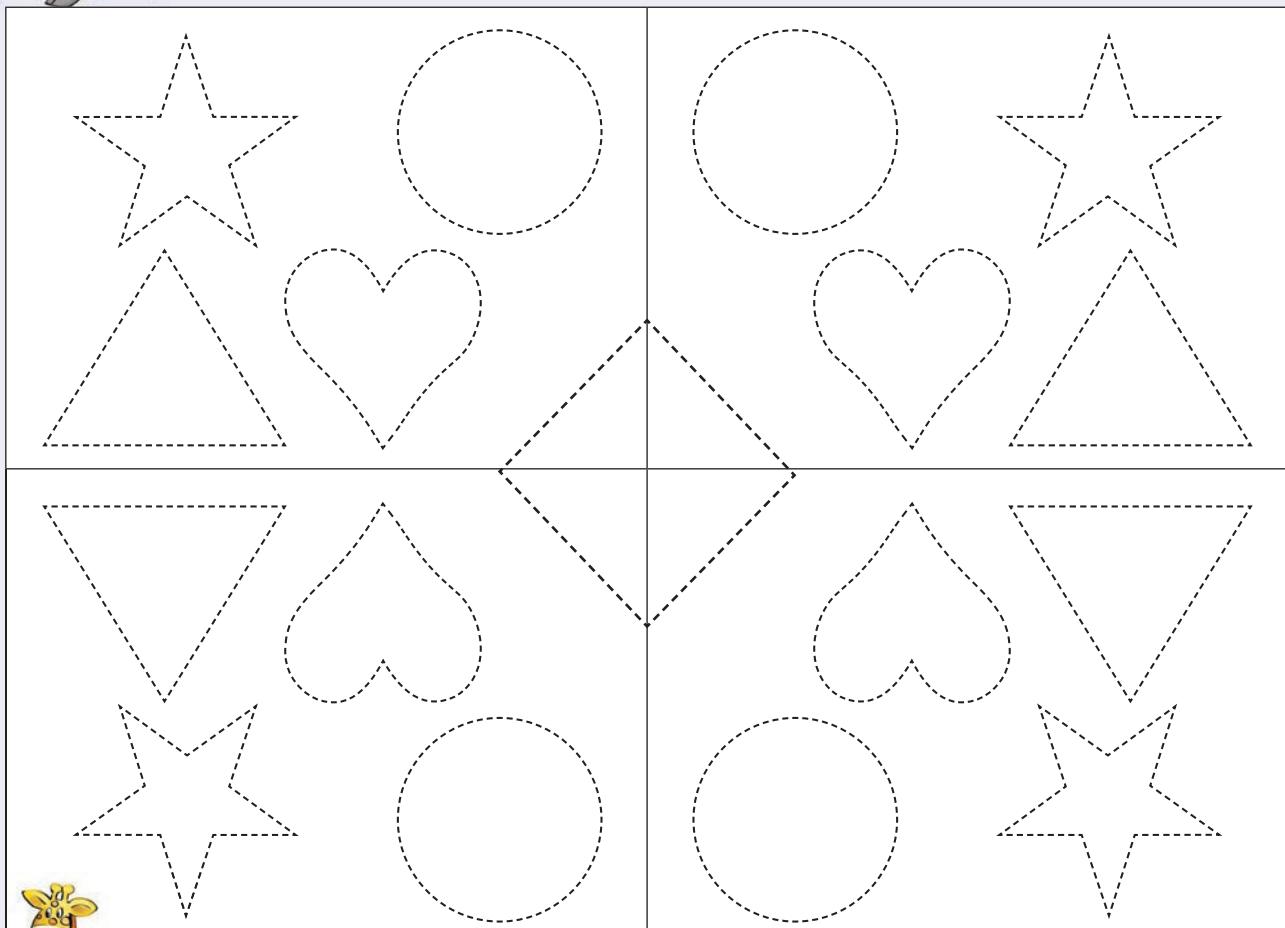


Landzelela lephethini bese uyifaka umbala.

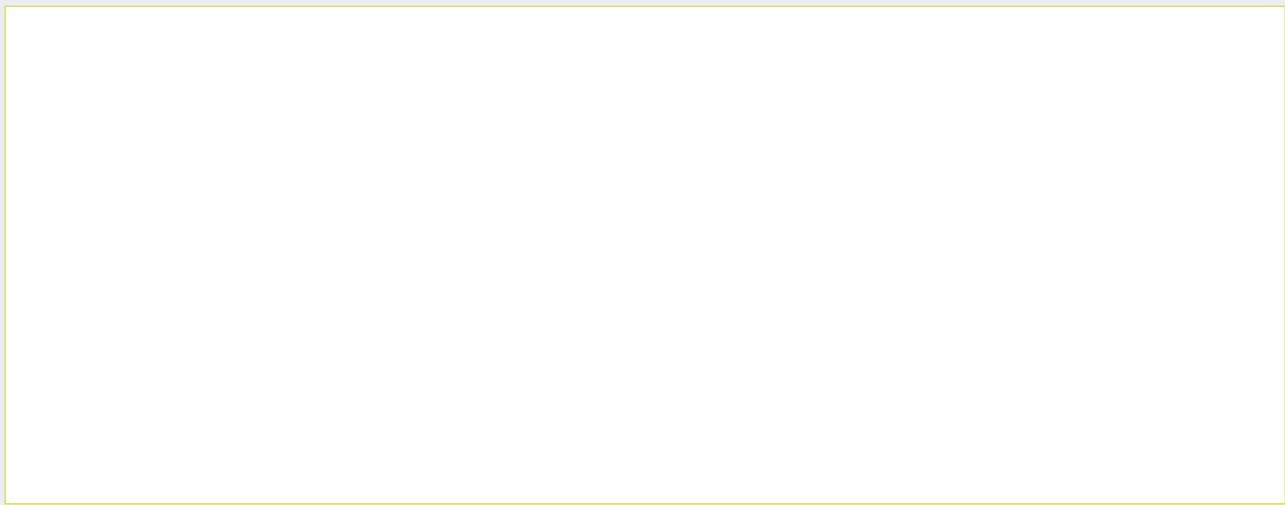




Landzelela lephethini bese uyifaka umbala.



Takhele yakakho iphethini usebentisa bobunjwa.



Teacher:
Sign:
Date:

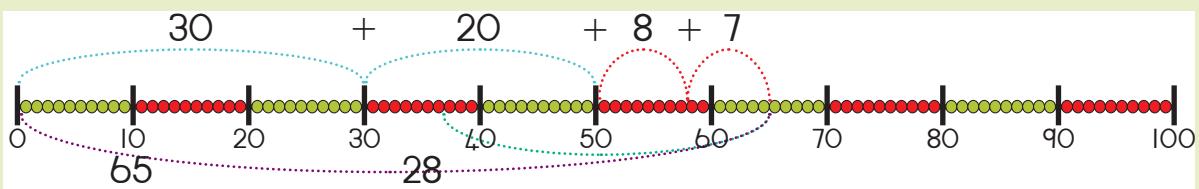
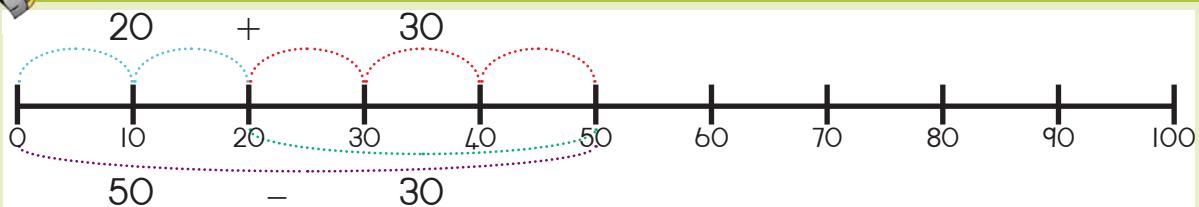


Kuhlanganisa neKwehlukanisa

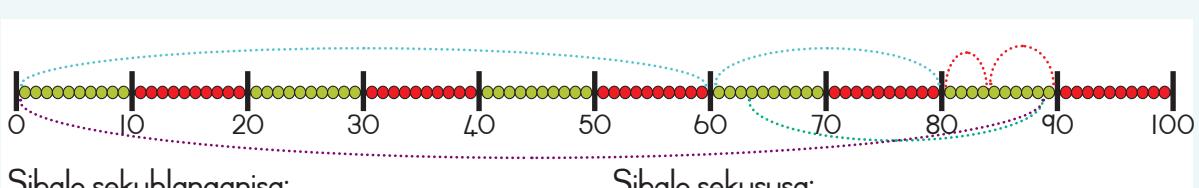
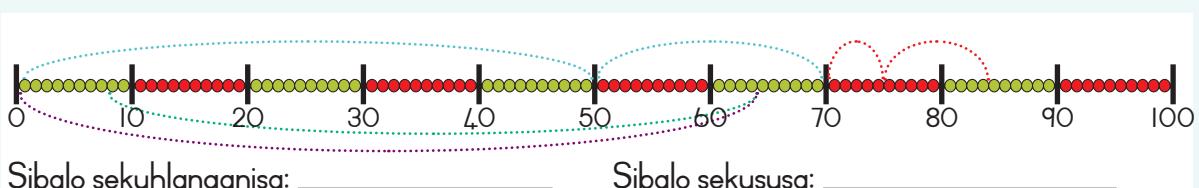
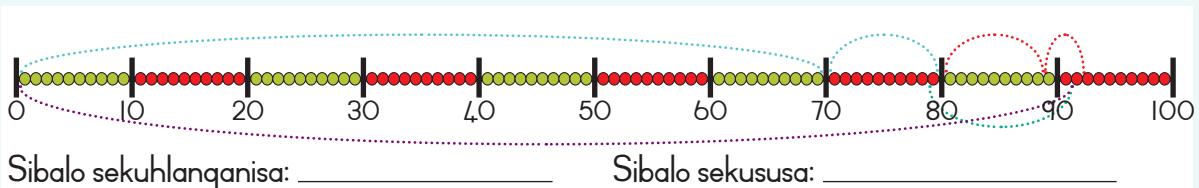
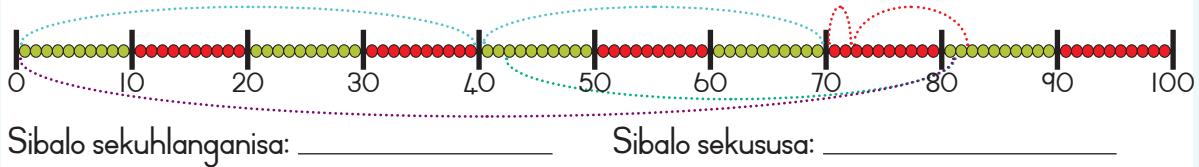
Ithemu 4

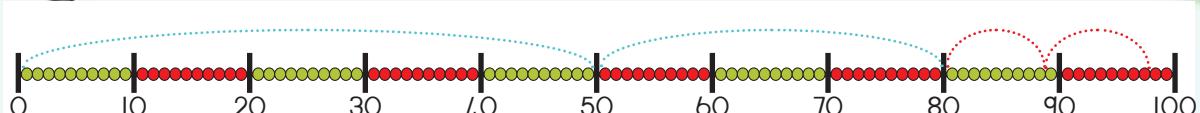


Buka lemigca-nombolo. Coca ngayo.



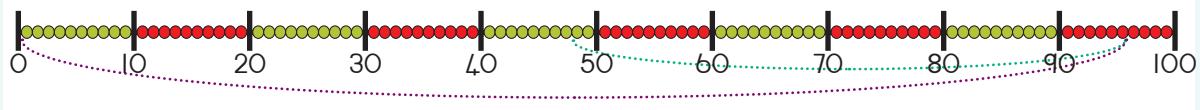
Bhala sibalo sekuhlanganisa nesekususa usebentisa umugca-nombolo.





Yenta silinganiso: _____

Bala: _____



Yenta silinganiso: _____

Bala: _____



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.



105



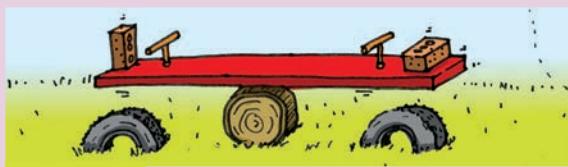
Kuhlanganisa nekususa siyachubeka futsi



Yenta lamacala alingane.

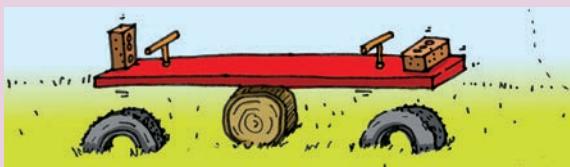
$10 + 4 + 5$

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



$90 - 50$

$\boxed{\quad} - 20$



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	



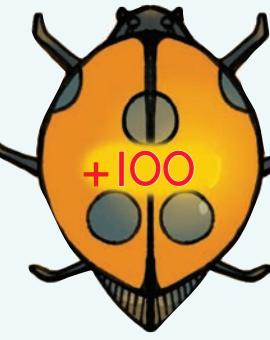
Cedzela lamadayagramu lalandzelako.

25

199

37

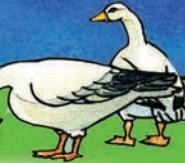
89



175

163





Yenta 5 wetibalo usebentisa letinombolo netimphawu.

Ungatisebentisa tinombolo tanye kibili.

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 ebhodini, sib. $3 + 4 = \boxed{7}$.



Yini
kuhlanganisa?

2 6 5 7
4 7 3 8
q

Yini kususa?

4 7 5 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?

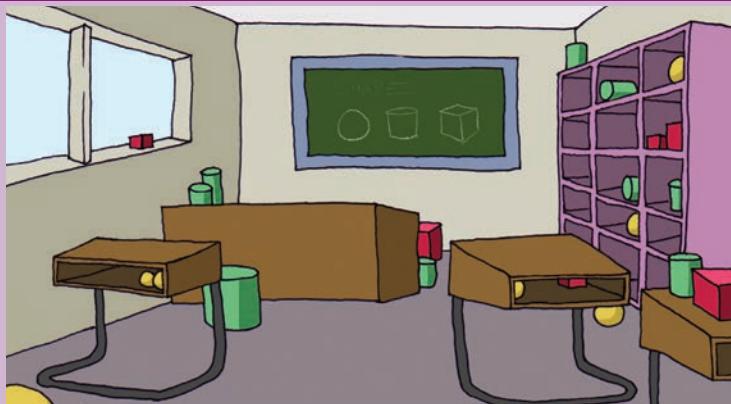




Bobunjwa be 3-D

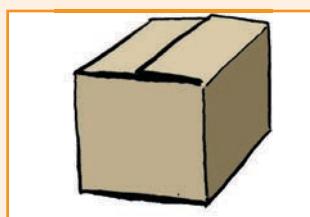
Lusuku:

Aphi emabhokisi, emabhola nemibhoshongo?



Shano kutsi ngabe loku kulibhokisi, ibhola noma umbhoshongo.







Tfola titfombe taloku lokulandzelako utinamatsisele lapha.

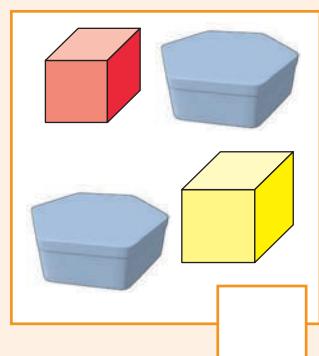
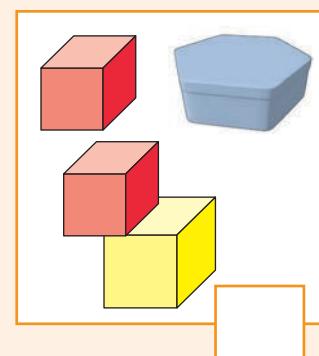
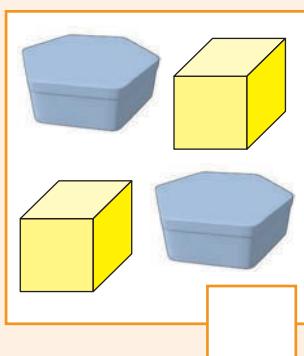
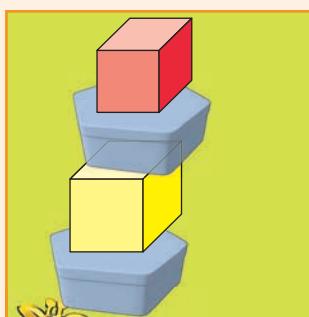
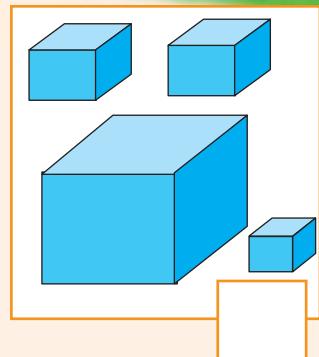
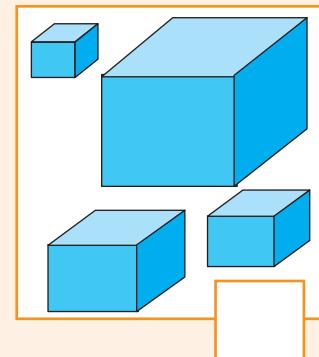
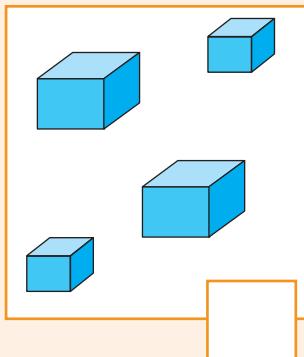
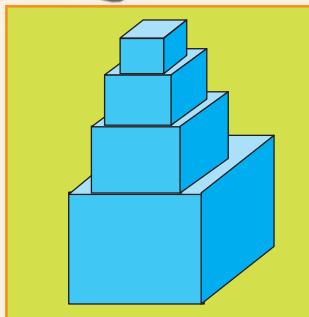
Ibhola

Libhokisi

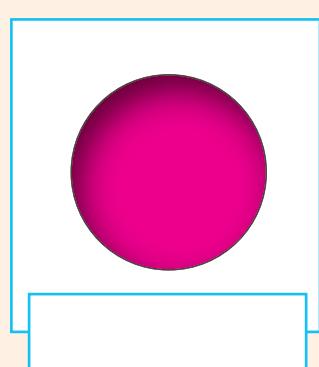
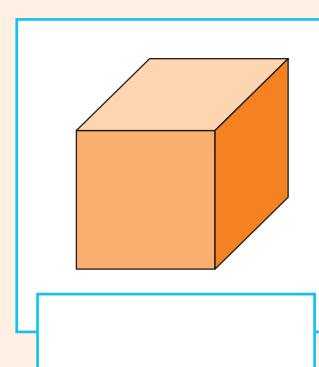
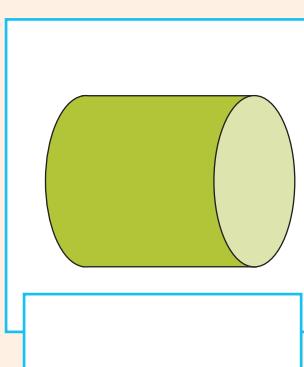
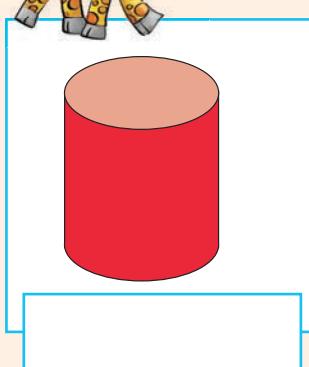
Umbhoshongo



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



Shano kutsi ngabe loku lokulandzelako kutawugicika noma kutawushelela.

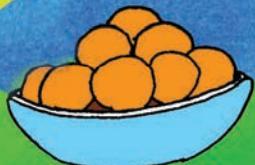


Endlini yakini noma madvute nayo ngaphandle yini lebukeka njengaloku:

- Umbhoshongo
- Ibhola
- Emabhokisi

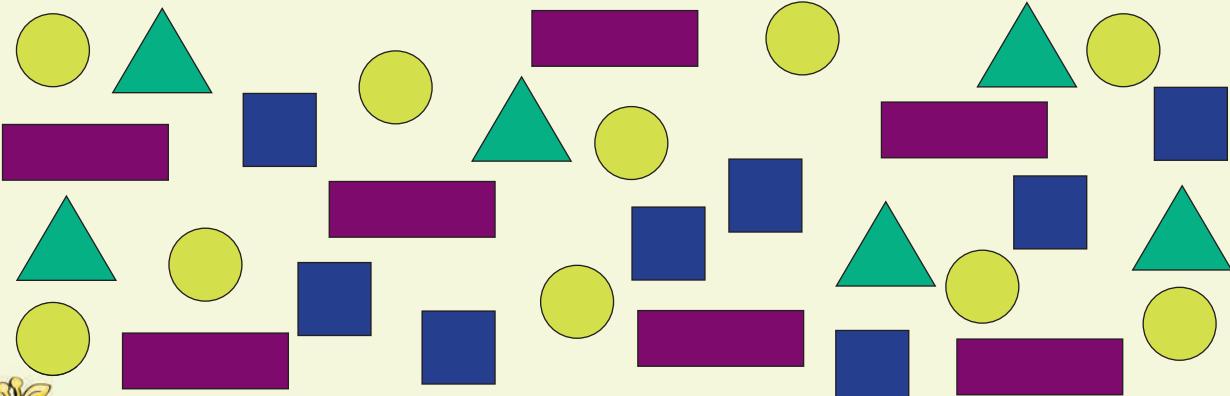


107

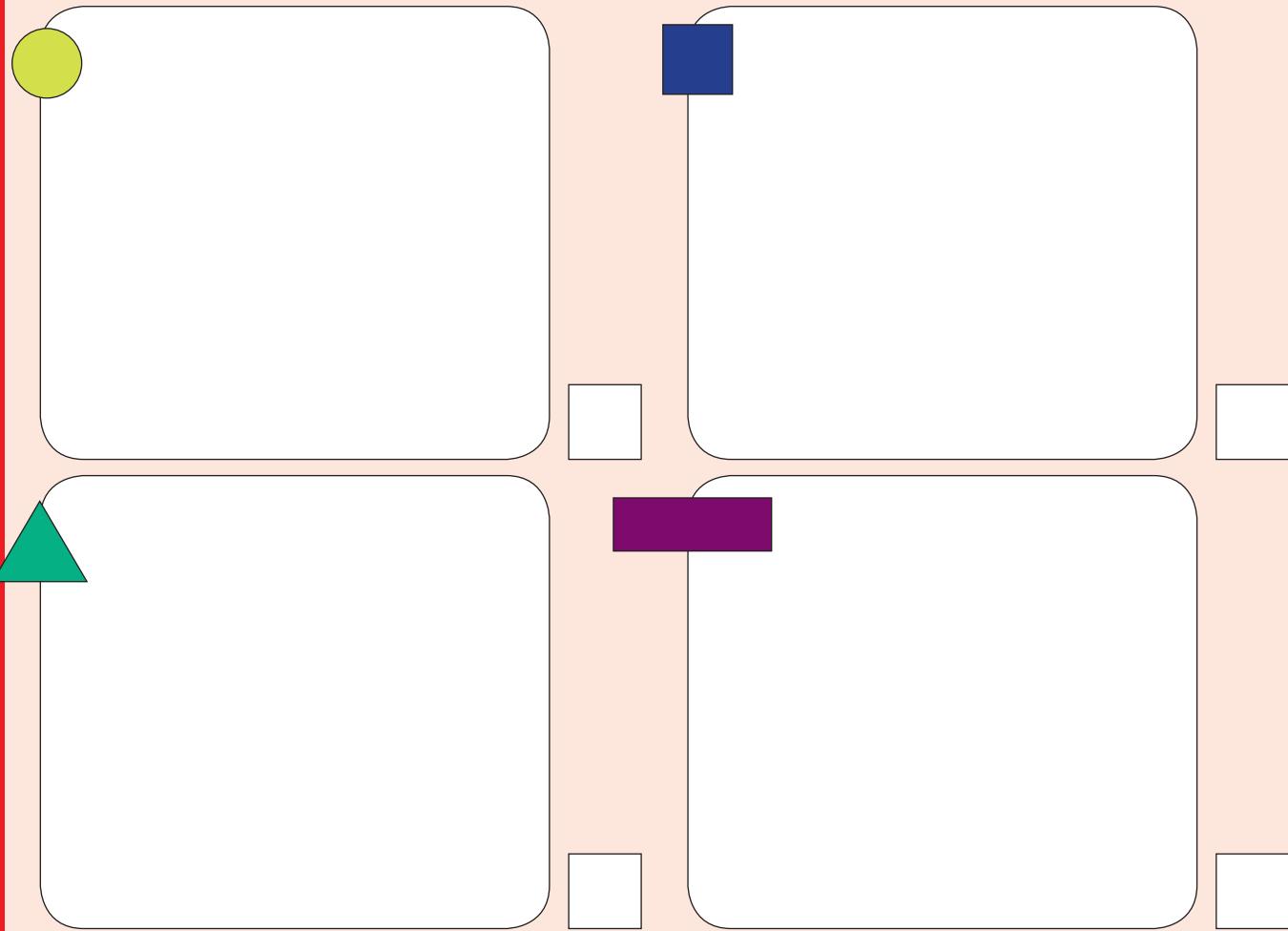


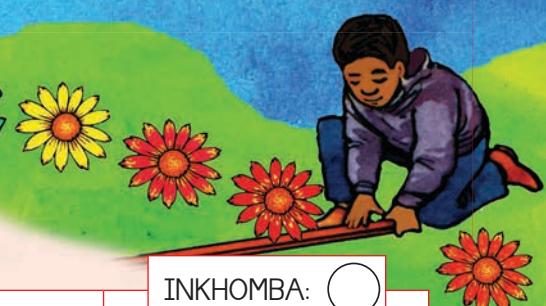
Imininingwane futsi

Ithemu 4



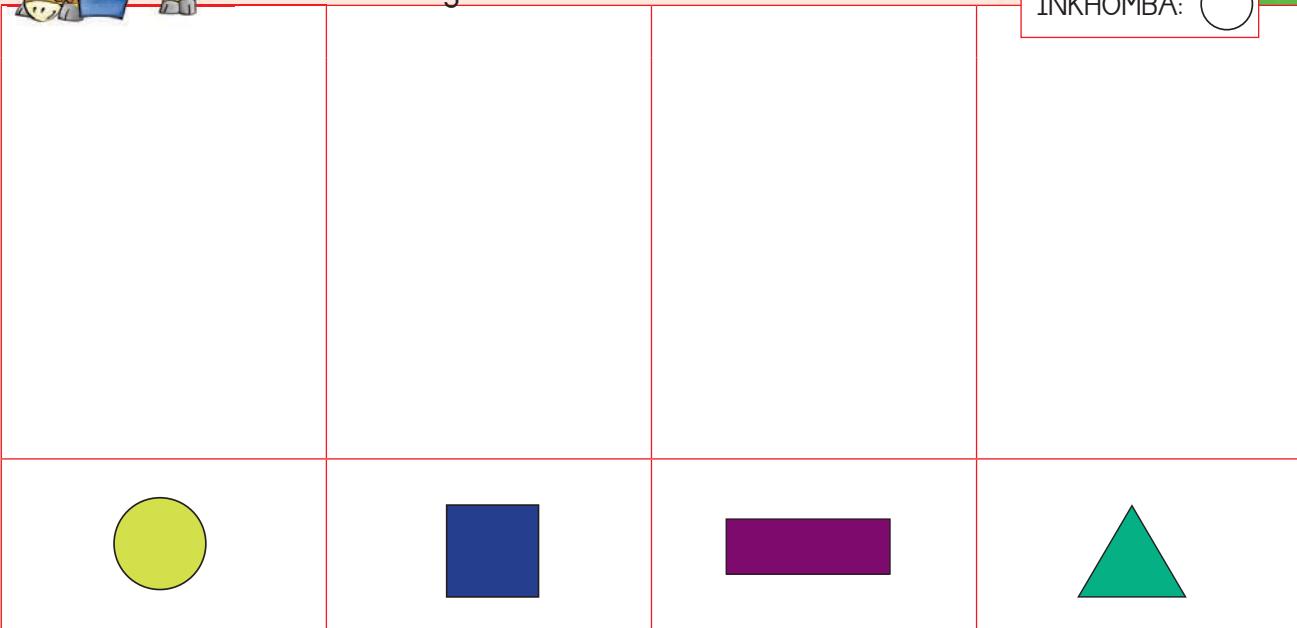
Hlunga labobunjwa. Yenta wakho umdvwebo. Bhala samba (ithothali) ebhokisini.



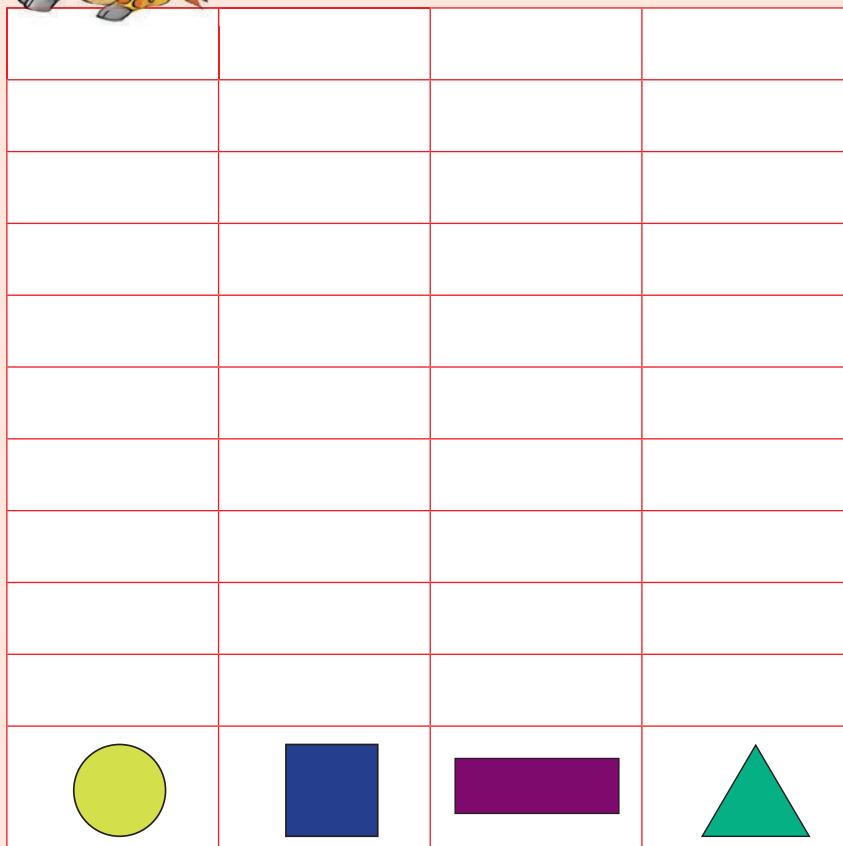


Dyweba sitfombe-mdvwebo sabobunjwa
bakho labahlungiwe.

INKHOMBA:



Faka umbala kumabholoki kucedzela ibha-grafu yakho



Tingaki tindilinga
letilapha?



Tingaki tikwele
letilapha?



Bangaki bocalandze
labalapha?



Bangaki bocalantsatfu
labalapha?





Lusuku:

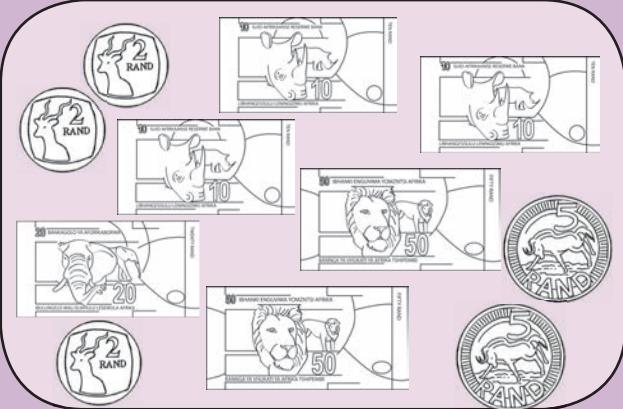
Kubala imali

Ithemu 4

Faka umbala kubuhhehlu lobutakwenta 95c.



Faka umbala imali letakwenta R99.



Faka umbala buhhehlu lobutakunika. Ngabe ngiyo yodvwa lendlela yekuhlanganisa?

Yebo	Cha
------	-----

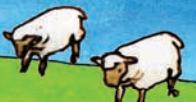
75c		
85c		
90c		



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

Yebo	Cha
------	-----

R87		
R75		
R94		



Sipho utsenge mabili emahambega.

Ihambega ngayinye ibita RI2,50. Ubhadale malini?

Dvweba sitfombe semali lengiyo yemaphepha nebuuhhehlu kukhombisa imphendvulo yakho. Futsi yibhale njengemusho nombolo.

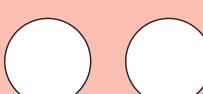


Umusho nombolo:

$$\text{RI2,50} + \text{RI2,50} =$$



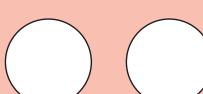
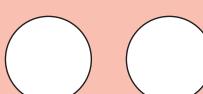
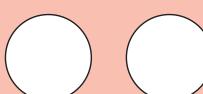
Kwentekani uma Sipho atsenga matsatfu emahambega?



Umusho nombolo:



Kwentekani uma Sipho atsenga mane emahambega?



Umusho nombolo:



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



Teacher:

Sign:

Date:

109



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
Buhhehlu										
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
Buhhehlu										
Intsengo ngemaRandi	R5									



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

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



Sello wenta sincumo kuphindza kibili tindleko takhe ngeli-awa.
Nyalo-ke khombisa loku kulelithebula.

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



Dvweba sitfombe kukhomba inkhokhelo yaSello yekugadza umntfwana ema-awa lasi 8
abita R5 ngeli-awa.



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.



Teacher: _____
Sign: _____
Date: _____

110



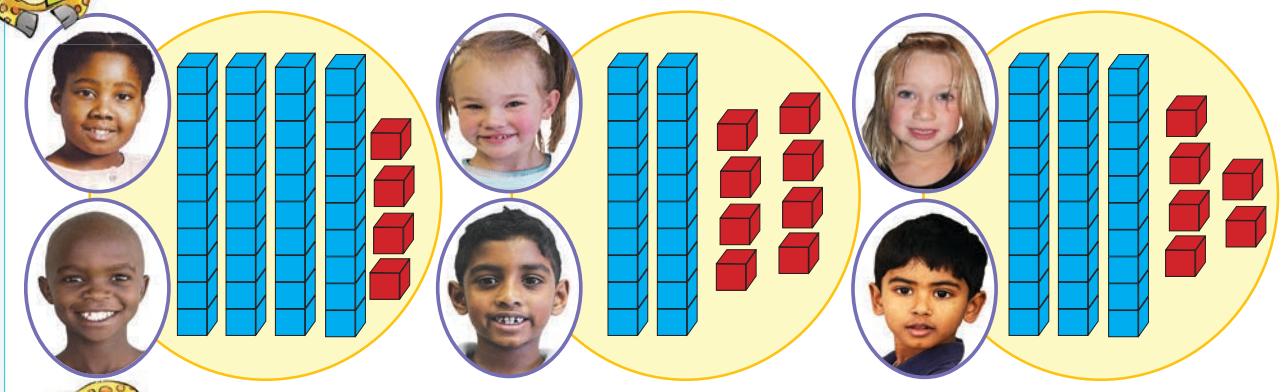
Lusuku:

Kubeka ngemacembu nekwabelana

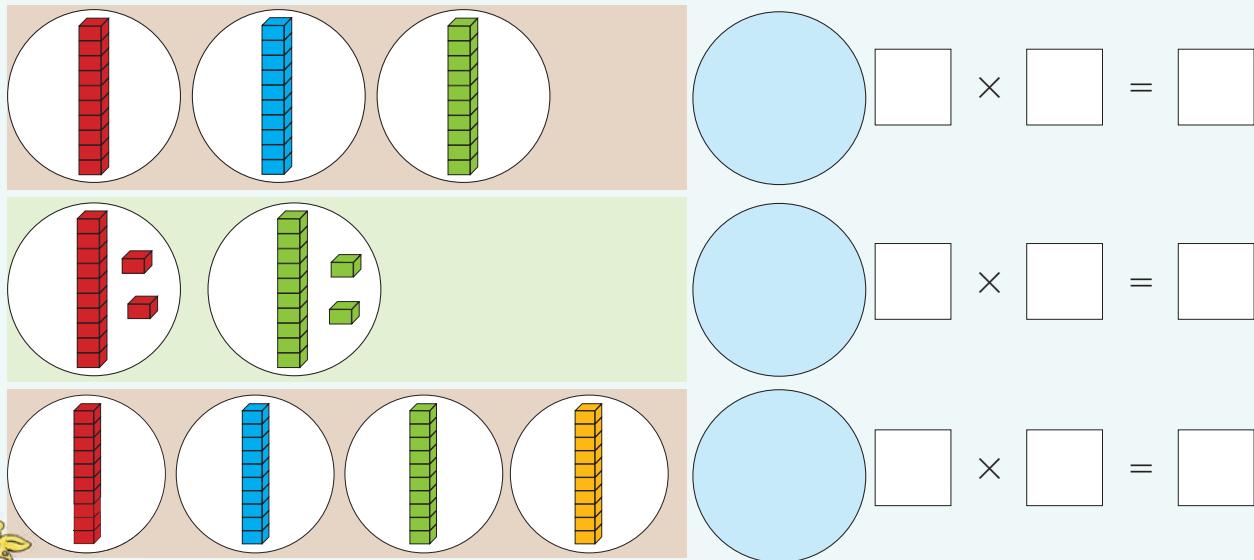
Ithemu 4



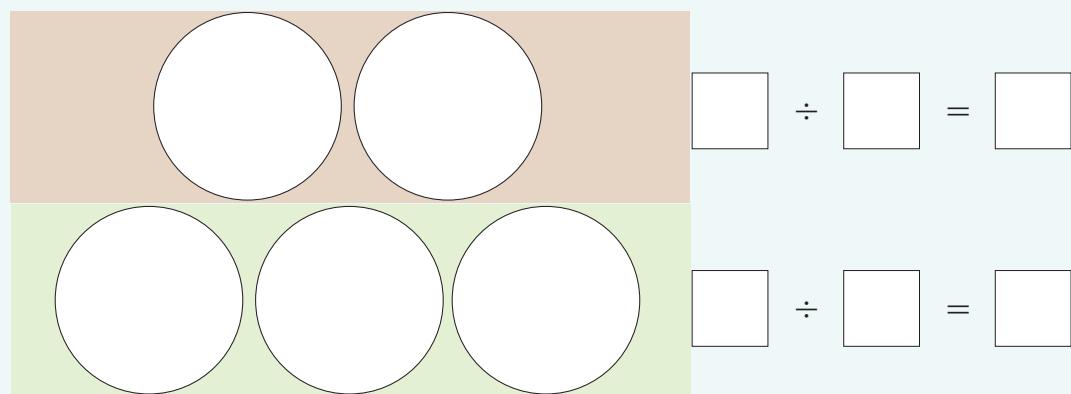
Mangaki emabhaluki kundilinga ngayinye? Wabe emkhatsini kwebantfwana.



Mangaki emabhaluki kundilinga ngayinye?
Bhala ithothali kundilinga lelingangane.



Yaba emabhaluki emkhatsini wetindilinga.





Dvweba loku lokulandzelako. Bhala sibalo sakunye ngakunye.

3 emacembu a 2

4 emacembu a 10

Sibalo sekuhlanganisa:

+

Sibalo sekuphindzaphindza:

×

Yaba tintfo tekubala leti-12 emkhatsini kwa 4.

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 _____

Sibalo sekuhlanganisa:

+

Sibalo sekuphindzaphindza:

×

Yaba tintfo tekubala leti-36 emkhatsini kwa 3.

Sibalo sekususa:

-

Sibalo sekwehlukanisa:

÷



kuphindza kibili

Teacher:

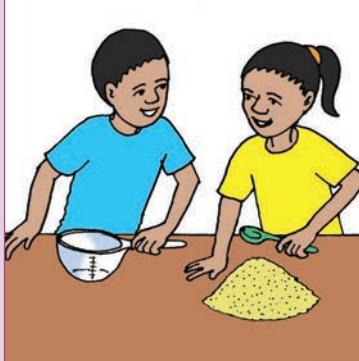
Sign:

Date:

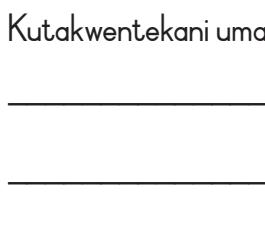


Umtsamo siyachubeka futsi

Buka letifombe. Bentani labantfwana?



Letinkhezo tingaligcwalisa kufika kuphi lijeke? Faka umbala.



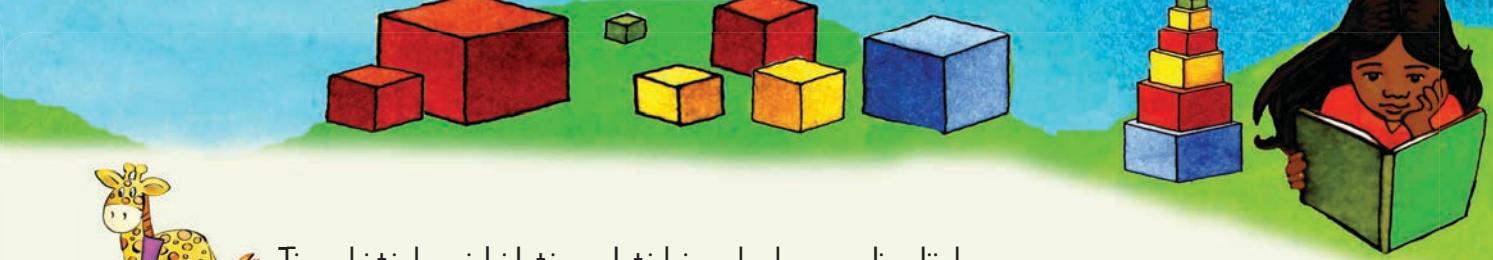
Tingaki tinkomishi temanti lotidzinga kugcwalisa:

2 wemajeke _____

3 wemajeke _____

4 wemajeke _____

5 wemajeke _____



Tingaki tinkomishi letinye lotidzingako kugcwalisa lijeke
noma emajeke?

2



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



Teacher: _____
Sign: _____
Date: _____



Emaphethini-tinombolo

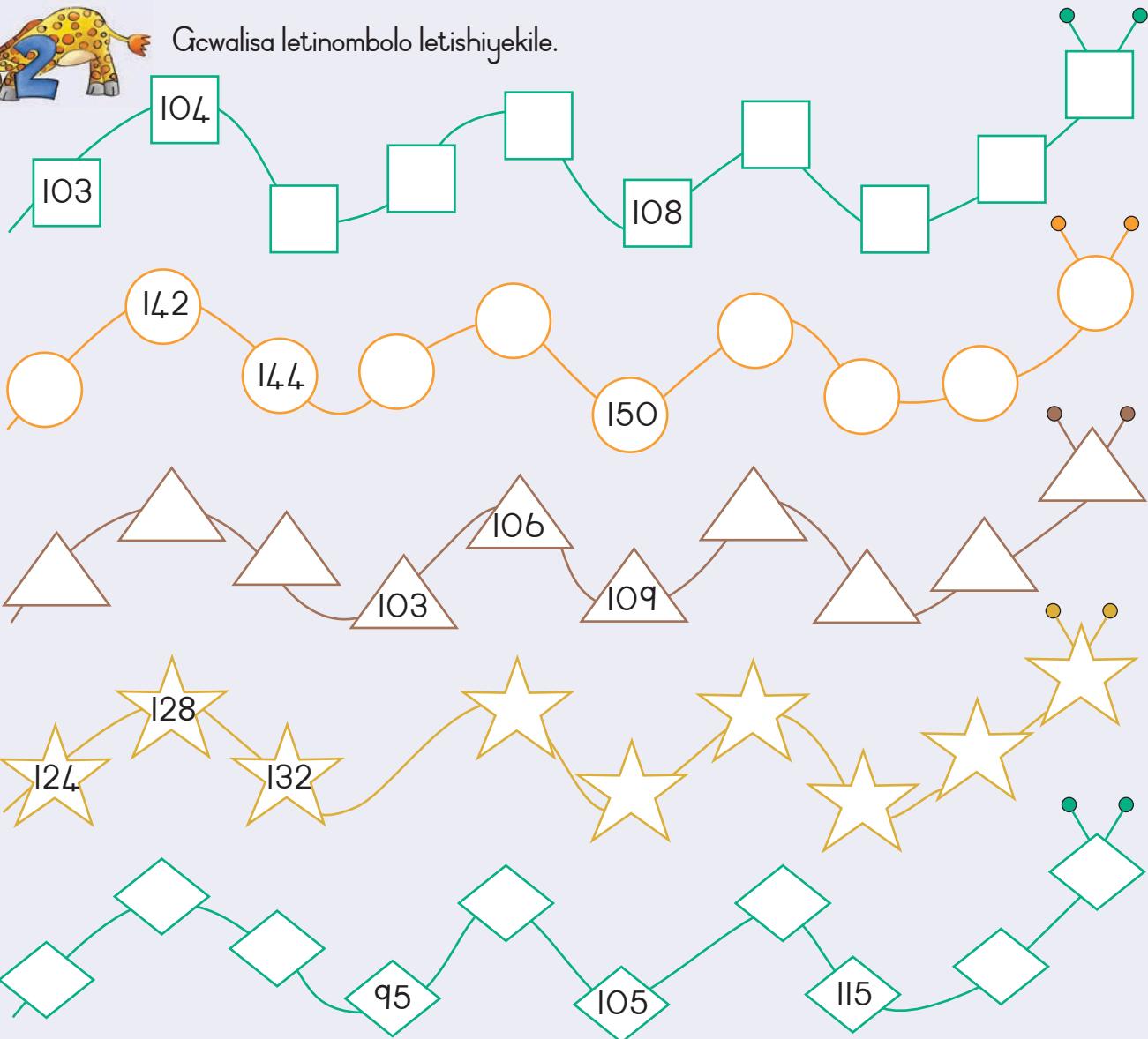
Lusuku:

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

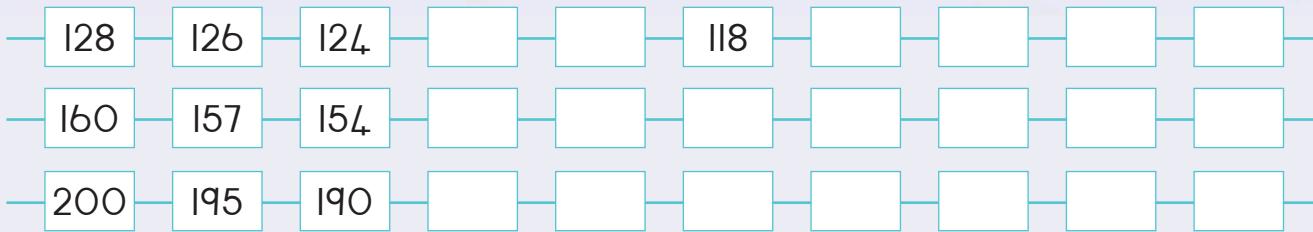


Gcwalisa letinombolo letishiyekile.





Cedzela loku lokulandzelako kubala uye emuva.



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	



Teacher:
Sign:
Date:



Kuphindzaphindza siyachubeka

Tonkhe tilwane tinetinyawo leti 4.

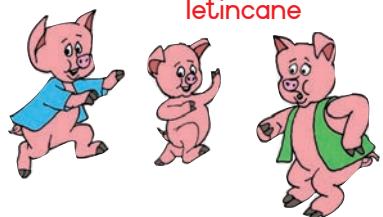


3 wemagundvwane
langaboni



3 wemabhele

3 wetingulube
letincane



Litsini linani letinyawo setitonkhe
kulesitfombe?

Litsini linani lemadlebe
sekawonkhe kulesitfombe?



Buka lesitfombe bese uCedzela loku lokulandzelako:

×

Linani
lemagundvwane

Tinyawo silwane ngasinye



×

Linani
lemagundvwane

Emadlebe silwane ngasinye



Cedzela loku lokulandzelako:

3	6	9							
---	---	---	--	--	--	--	--	--	--

30	27	24						
----	----	----	--	--	--	--	--	--



Cedzela loku lokulandzelako:

$$5 \times \text{apple} = \boxed{} \text{ emahhabhula}$$

$$4 \times \text{banana} = \boxed{} \text{ bobbanana}$$

$$6 \times \text{banana} = \boxed{} \text{ bobbanana}$$

$$7 \times \text{apple} = \boxed{} \text{ emahhabhula}$$



Cedzela loku lokulandzelako:

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

$$\begin{array}{r} 1 \quad 0 \\ \textcolor{red}{3} \end{array} \times 3$$

$$= \begin{array}{r} 1 \quad 0 \\ \textcolor{red}{3} \end{array} + \begin{array}{r} 3 \end{array} \times 3$$

$$= \begin{array}{r} 1 \quad 0 \\ \textcolor{red}{3} \end{array} \times 3 + \begin{array}{r} 3 \end{array} \times 3$$

$$= 30 + 9$$



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

$$\begin{array}{r} 1 \quad 0 \\ \textcolor{red}{5} \end{array} \times 3$$

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

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

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

$$= \boxed{}$$



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



Cedzela loku lokulandzelako:



Yaba leshokolethi ngekulingana emkhatsini wa 2 webantfwana.

Kunombolo
ngayinye tfola

Yaba 15 wemaswidi ngekulingana emkhatsini wa 3 webantfwana.



Kunombolo
ngayinye tfola



Dweba titfombe kukhombisa timphendvulo takho.

Dweba sitfombe kusombulula loku lokulandzelako: Yaba 9 wemepeniseli emkhatsini wa 3 webantfwana.

Kunombolo
ngayinye tfola

Yaba 16 wemakhirayoni emkhatsini wa 3 webantfwana.

Kunombolo
ngayinye tfola





Kuphindzaphindza lokuhlanganisele

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 emahele abo 4 $4 \times 3 = 12$	$3 \times 4 = 12$ $4 \times 3 = 12$
		$4 + 4 + 4$		
				$6 \times 5 = 30$ $5 \times 6 = 30$
2, 4, 6, 8, 10, 12				



Ungakucedzela ngesivinini lesinganani loku lokulandzelako?

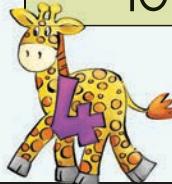
$1 \times 2 =$	
$2 \times 2 =$	
$3 \times 2 =$	
$4 \times 2 =$	
$5 \times 2 =$	
$6 \times 2 =$	
$7 \times 2 =$	
$8 \times 2 =$	
$9 \times 2 =$	
$10 \times 2 =$	

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



Phendvula lembuto lelandzelako.
Yini loku:

tihlanu letine	
imphindza-kabili ya 6	
6 aphindvwe ka 5	
2 aphindzaphindvwe nga 4	
8 aphindvwe ka 2	



Esikhundleni sesibamba-sikhundla
sebentisa inombolo.

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



Teacher:

Sign:

Date:

115



Ithemu 4

Buka lesitfombe bese uhlanganisa letimabula.



Kuyini
kuphindzaphindza?



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

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

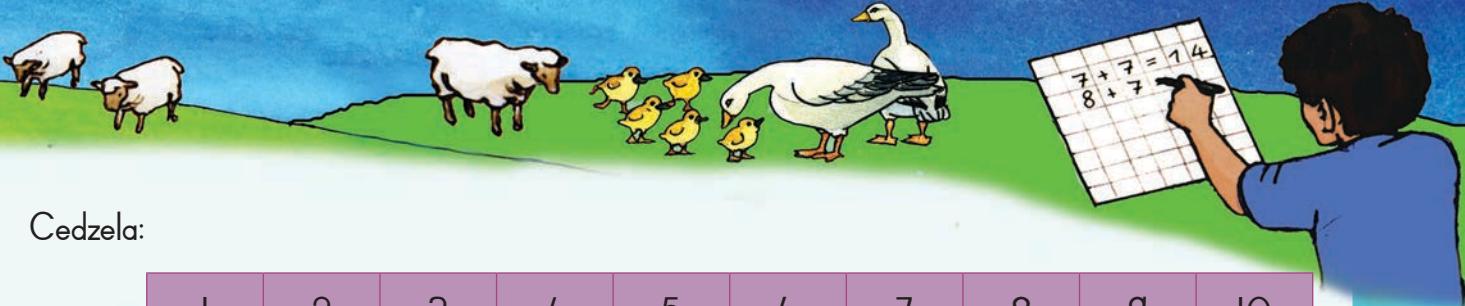
Cedzela:

	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.

11×4	14×4
---------------	---------------

Cedzela:

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

Sebentisa indlela yakho kusombulula loku.

12×5	16×5
---------------	---------------



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

4 wetikhwama?

5 wetikhwama?

3 wetikhwama?

2 wetikhwama?



Iiba



Emalanga eliviki

Hlela kahle lamagama emalanga eliviki.

ILELIBIS

OSOLINTF

MBUKOLUUSMO

SATFULESIT

SINULEHLA

CIBEULOMG

LINESE



Gcwalisa emalanga lashiyiwe.

USmombukolu

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

NGONIINGO

LABAINH

INYOIN

WANELOKH

GCIIN

HALAIMP

ABHIMBINEDVW



Mangaki emalanga lakhona enyangeni ngayinje?

Nedvwabhimb 31	iNdlovana	iNdlovulenkhulu	Masaba
Inkhwetikhwe	iNhlab a	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 kweNhlab
a? _____



Uma kungukholwane, tingaki tinyanga letise embi kwaloku:

iNyoni? _____

iNgci? _____



116b



Emalanga, emaviki netinyanga

Ithemu 4

iNgongoni 2015

Lisontfo	uMsombuluko	Lesibili	Lesitsatfu	Lesine	Lesihlanu	uMgcibelo
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



Buka lekhalenda uphendvule lemibuto lelandzelako:

Lilanga lini mhla ka 1 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? _____

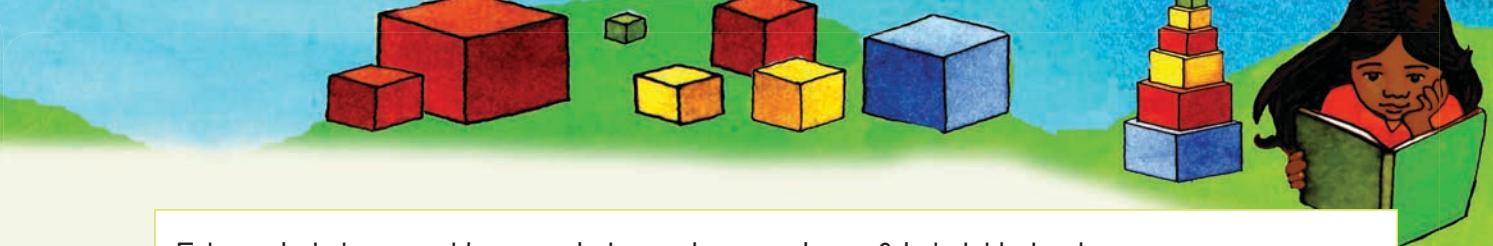
Mangaki emalanga lakhona evikini? _____

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		



Teacher:
Sign:
Date:

117



Emaphethini netinombolo siyachubeka

Ithemu 4



Chaza lephethini ebhodini letinombolo ngalinye.

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

I51	I52	I53	I54	I55	I56	I57	I58	I59	I60
I61	I62	I63	I64	I65	I66	I67	I68	I69	I70
I71	I72	I73	I74	I75	I76	I77	I78	I79	I80
I81	I82	I83	I84	I85	I86	I87	I88	I89	I90
I91	I92	I93	I94	I95	I96	I97	I98	I99	I200



Cedzela lephethini.

I	2	3	4	5	6	7	8	9	10
II	12	I3	I4	I5	I6	I7	I8	I9	I20
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
I0I	I02	I03	I04	I05	I06	I07	I08	I09	I10
III	II2	II3	II4	II5	II6	II7	II8	II9	I20
I2I	I22	I23	I24	I25	I26	I27	I28	I29	I30
I3I	I32	I33	I34	I35	I36	I37	I38	I39	I40
I4I	I42	I43	I44	I45	I46	I47	I48	I49	I50
I5I	I52	I53	I54	I55	I56	I57	I58	I59	I60
I6I	I62	I63	I64	I65	I66	I67	I68	I69	I70
I7I	I72	I73	I74	I75	I76	I77	I78	I79	I80
I8I	I82	I83	I84	I85	I86	I87	I88	I89	I90
I9I	I92	I93	I94	I95	I96	I97	I98	I99	I200



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, I9, 63, 55, 21, I9, 63, 55, 21, I9, 63, 55, 21, I9,

I8, 28, 36, I8, 28, 36, I8, 28, 36, I8, 28, 36, I8,

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

60, 9I, 94, 60, 9I, 94, 60, 9I, 94, 60,

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



Teacher:
Sign:
Date:

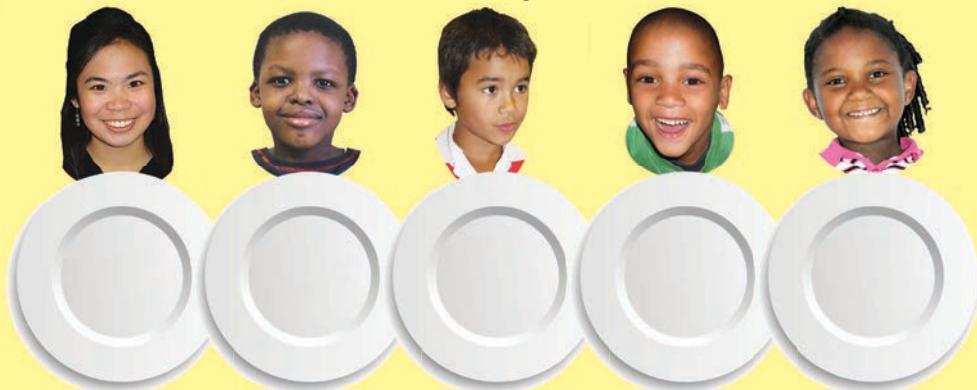


Kwaba ngekulingana kusiyisa kumafrakishini

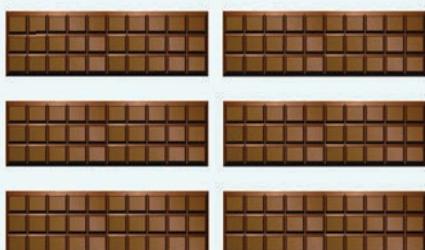
Lusuku:



Yaba lolucebedvu Iweshokholethi usho kutsi mangaki emabholuki latawutfolwa ngumntfwana ngamunye.



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



Khombisa imphendvulo yakho ngekwenta umdvwebo ngentasi.



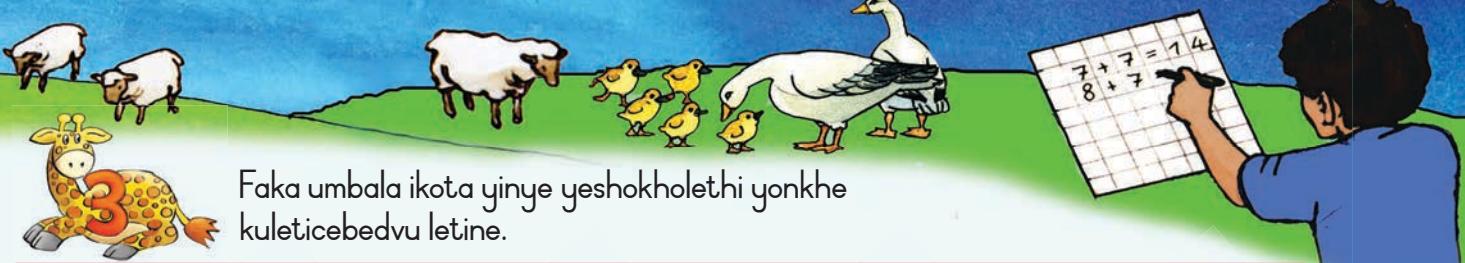
Una 3 wemakhekhe. Wabe ngekulingana emkhatsini wa 4 webangani.



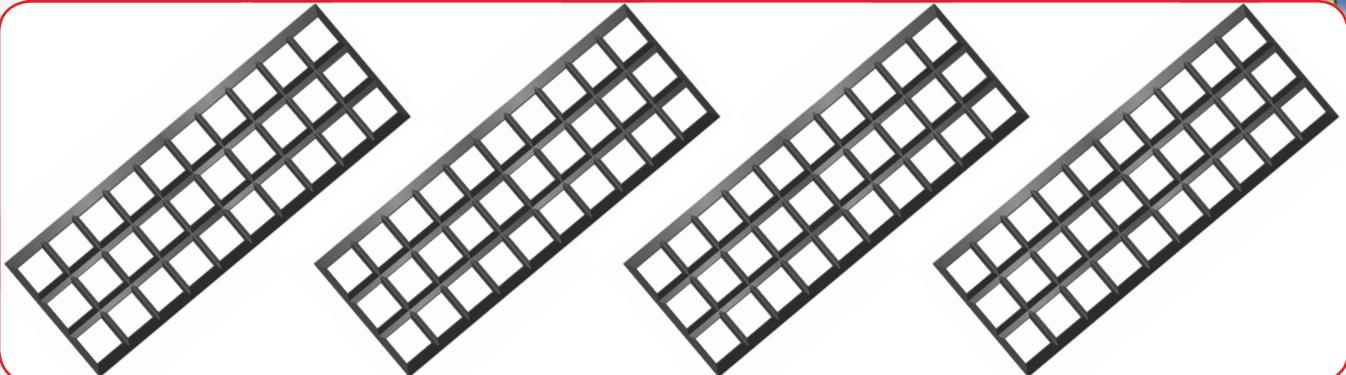
Umntfwana ngamunye utfola incenentsatfu yinye yeshokholethi.

Khombisa imphendvulo yakho ngekwenta umdvwebo ngentasi.

Umntfwana ngamunye utfola incenye yinye ya wemakhekhe.



Faka umbala ikota yinye yeshokholethi yonkhe kuleticebedvu letine.



Ikota yinye ingemabhuloki lamangaki eshokholethi? _____



Mangaki emabhuloki eshokholethi layincenye-sihlanu yinye? _____

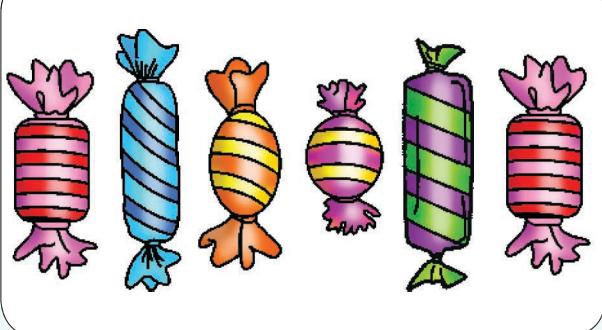
Khombisa ihhafu yinye yaloku lokulandzelako.



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.



Teacher:
Sign:
Date:

119

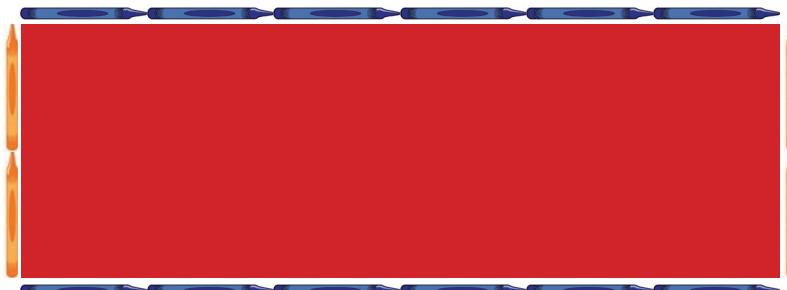


Budze

Lusuku:



Nguliphi licala lacalandze lelilifisha kakhulu? Lelidze kakhulu?

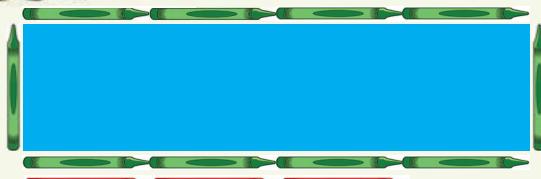


Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.



Phendvula loku lokulandzelako.



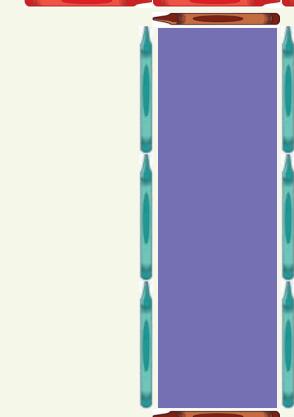
Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.



Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.



Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.

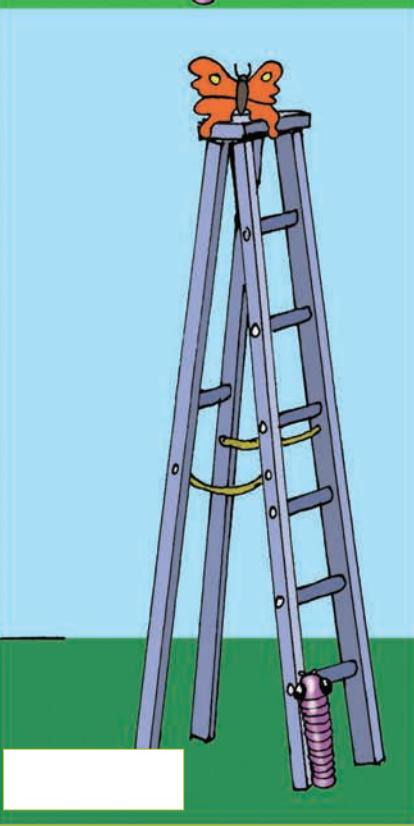
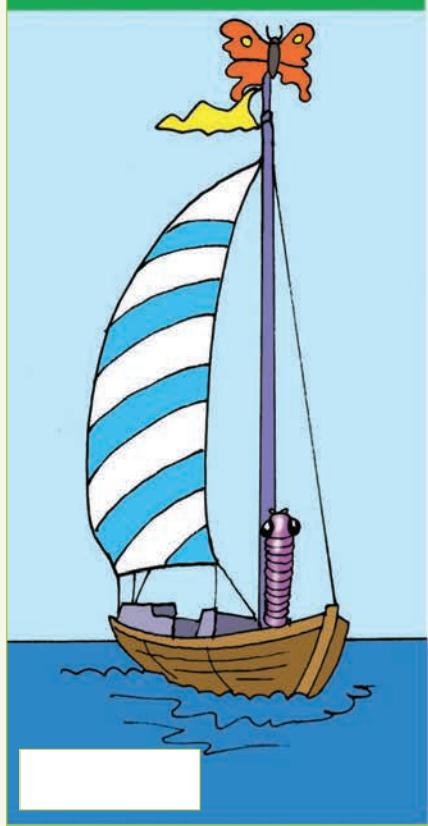
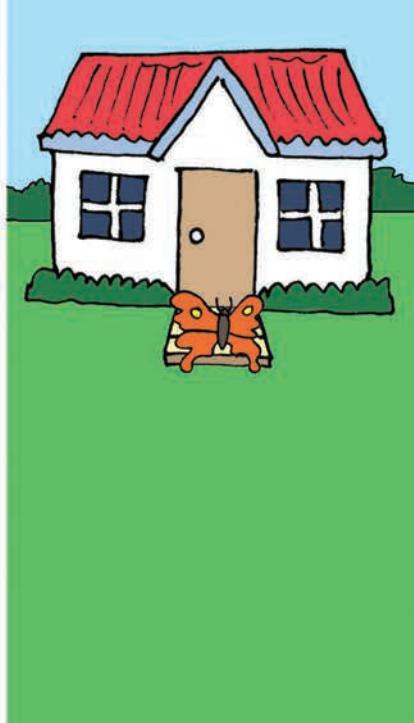
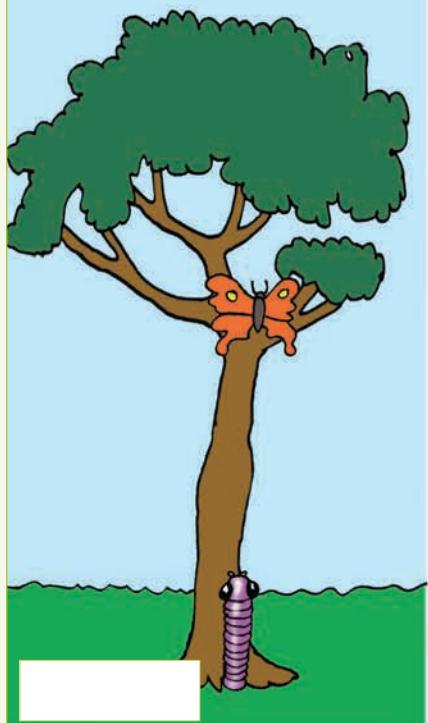


Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.



Kutawutsatsa tibungu letingaki kufika eluvivaneni?



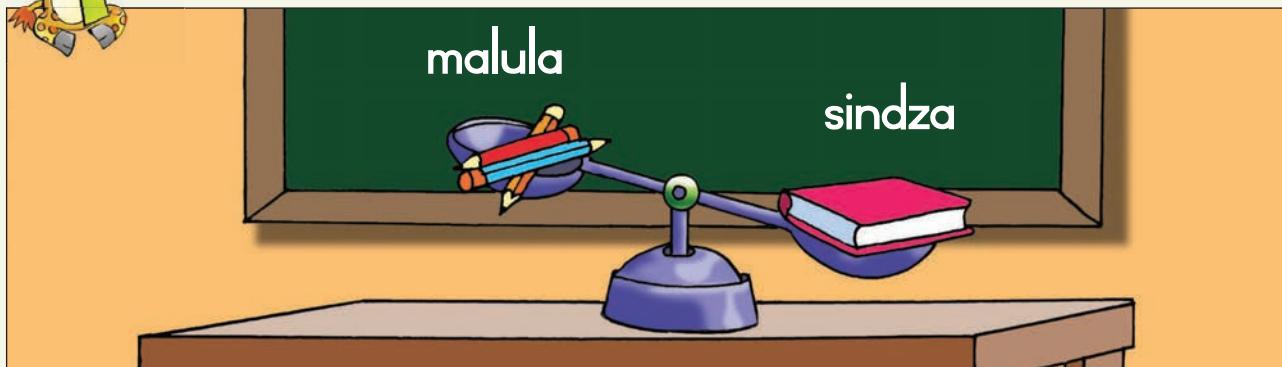
Teacher:
Sign:
Date:

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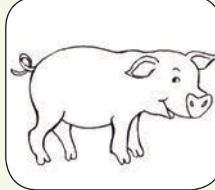
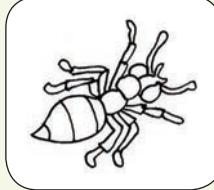
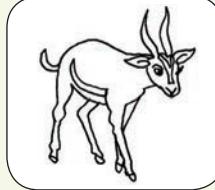
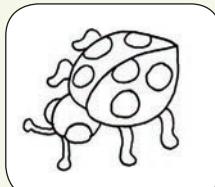
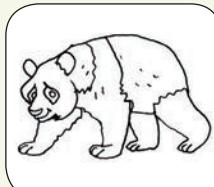
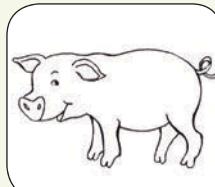
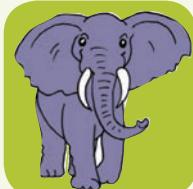
Kwesindza neBumalula siyachubeka



Kushoni kwesindza nebumalula?



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



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

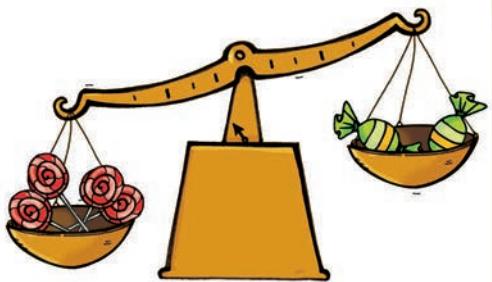
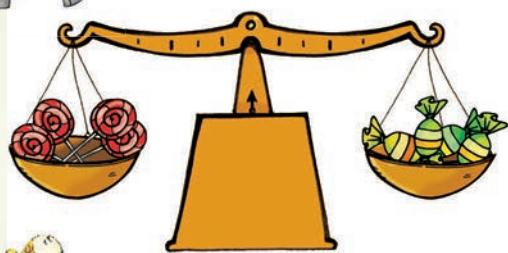


Buka lesitfombe. Tfola titfombe leti-2 tetintfo letesindzako. Tinamatsisele lapha.

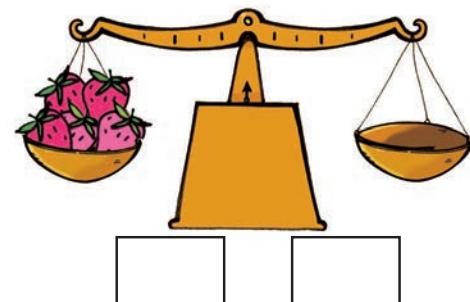
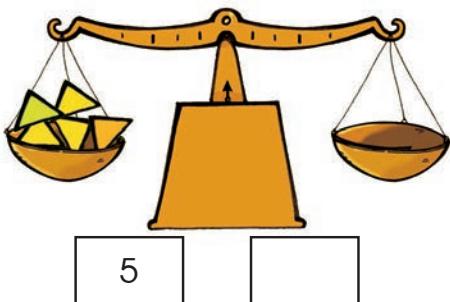




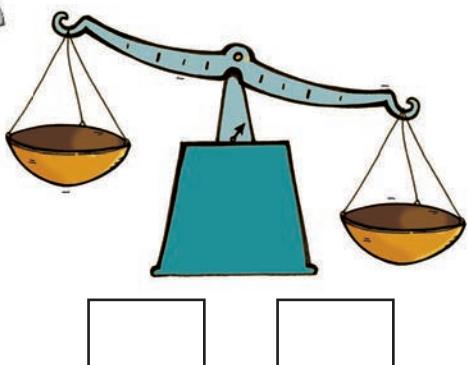
Ase usho kutsi letikali tiyalingana yini noma cha.



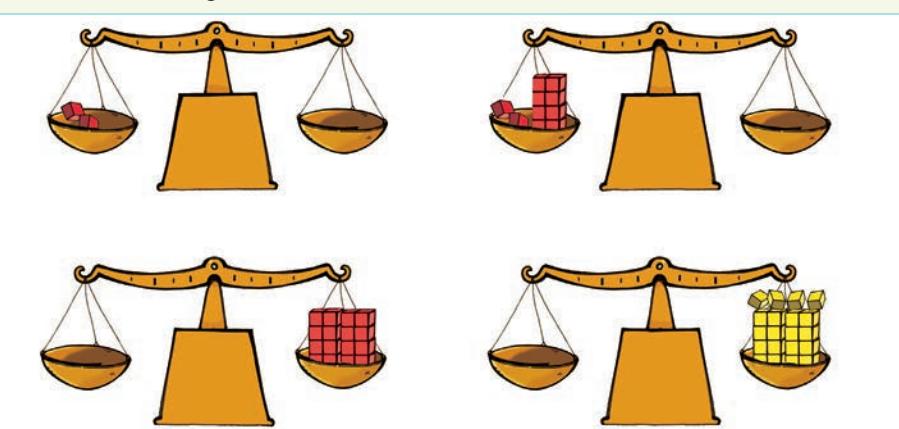
Yenta letikali tilingane. Yenta umdvwebo etikalini letite lutfo.



Dwewba imidvwebo kwenta letikali tibe liciniso.



Yenta letikali tilingane uma $\blacksquare = \blacksquare \blacksquare$.



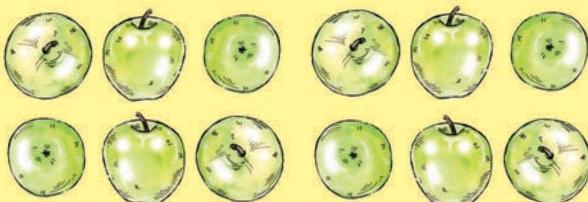
Teacher: _____
 Sign: _____
 Date: _____



Siyachubeka: kwabelana kusiholela kumafrakishini

Lusuku:

Yaba lamahhabhula emkhatsini webangani labatsatfu.



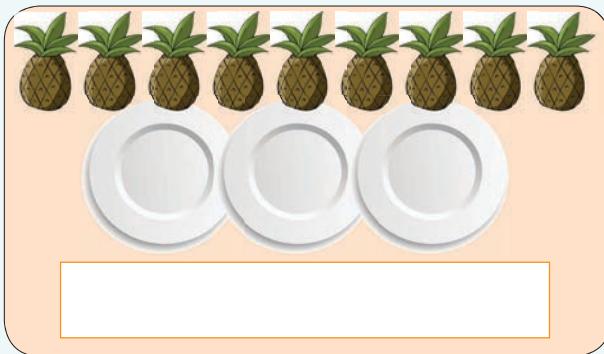
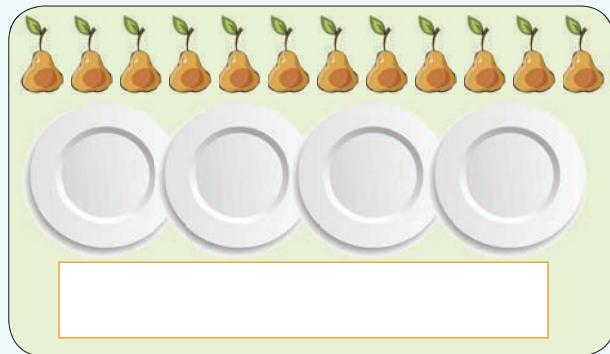
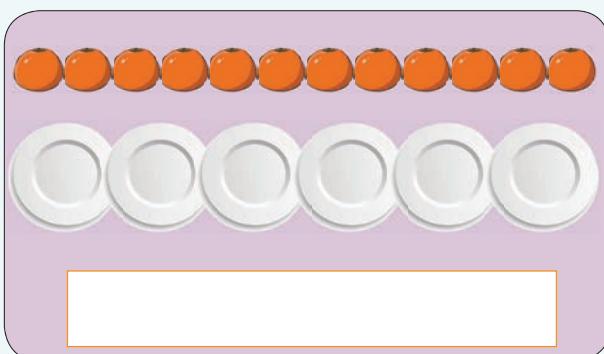
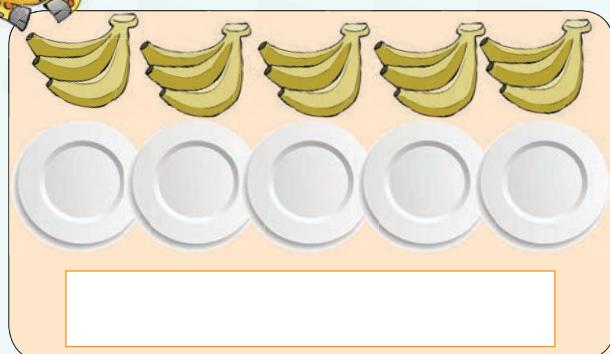
Amunye utfola mangaki emahhabhula? Mane.

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 I2 wema-orintji. Gugu wenta ijusi
ngancenyentsatfu yinye yema-orintji. Mangaki ema-orintji
lawasebentisile?



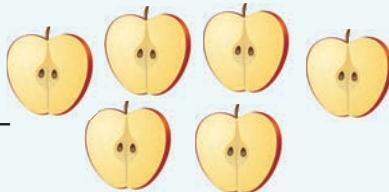


Emahhabhula lamatsatfu



asikwe aba bohhafu

Bangaki bantfwana labangatfola ihhafu amunye? _____



Ema-orientji lamane



asikwe aba tincenyentsatfu.

Bangaki bantfwana labangatfola incenentsatfu yinye ngamunye?



Emahwabha lamabili



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?

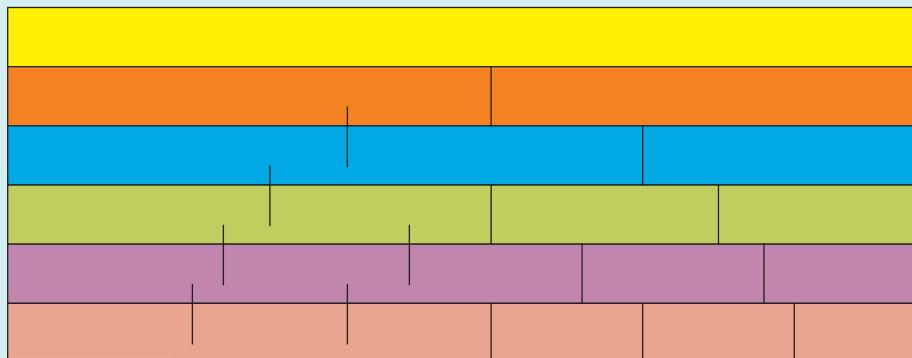




Emafrakishini

Lusuku:

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



incenyentsatfu yinye

incenye-sihlanu yinye

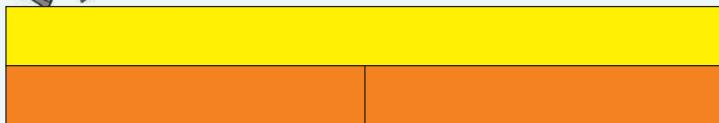
ihhafu yinye

incenye-sitfupha yinye

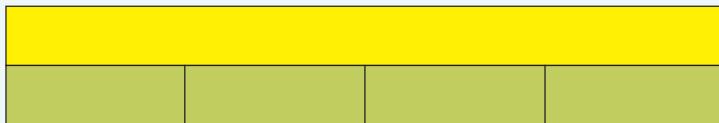
ikota yinye



Cedzela loku lokulandzelako.



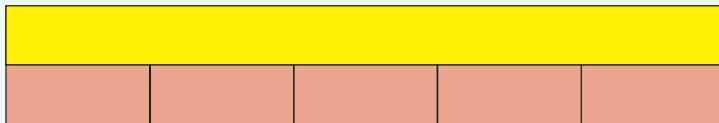
2 wabohhafu uyafana na _____ logcwele.



4 wemakota uyafana na _____ logcwele.



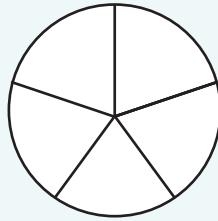
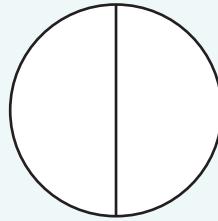
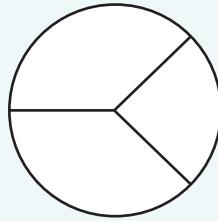
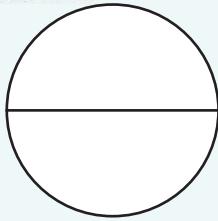
3 waboncenyentsatfu uyafana na _____ logcwele.



5 wetincenye-sihlanu uyafana na _____ logcwele.

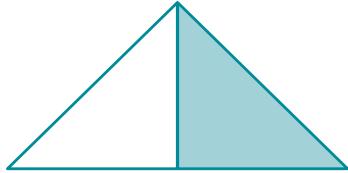


Faka umbala kuloku lokulandzelako. Yini loyicaphelako?

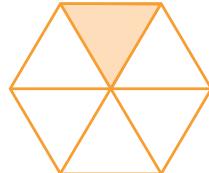




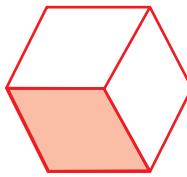
Shano kutsi yifrakishini yini yabunjwa ngamunye lehlilikhiwe.
Bhala loku ngemagama.



ihhafu yinye



incenyentsatfu yinye



ihhafu yinye



Dvweba bobunjwa kukhombisa loku lokulandzelako Sebentisa tikwele,
bocalandze netindilinga.

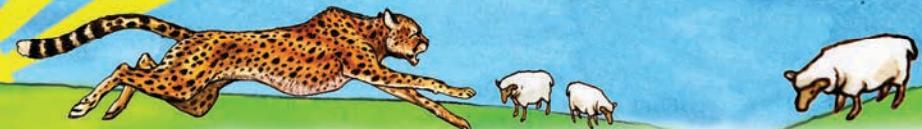
ikota yinye

incenye sihlanu yinye

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

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





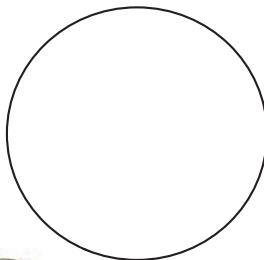
Siyachubeka ngemafrakishini

Ungatsandza lucetu lolubuya kuliphi likhekhe. Kungani?

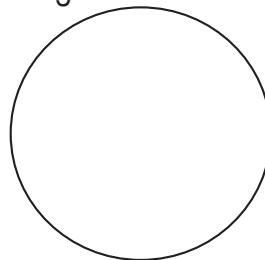


Umngani wakho ukucela kutsi wehlukanise ipitsa ibe tincetu letilinganako.
Yenta umdvwebo kukhombisa ngakunye kwaloku.

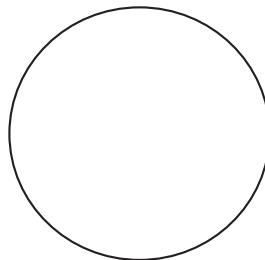
Bohhafu



Boncenyentsatfu



Emakota



Faka lumphawu (✓) emphendvulweni lengiyo.

Wena nemngani wakho
nidle bibili bohhafu bepitsa.
Kunganani lenikudlile?

- Ihhafu yinye yepitsa noma
- Ipitsa yinye legcwele?

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

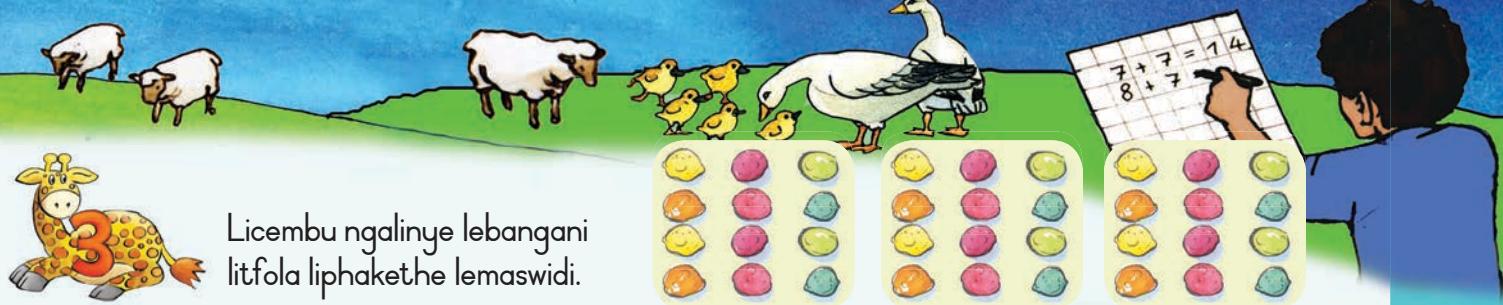
- Incenyentsatfu yinye yepitsa noma
- Ipitsa yinye legcwele?

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

- 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 lumphawu (✓) 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 tincenyeh-sihlanu

mabili emakota

bibili bohhafu

sihlanu setincenyeh-sihlanu

timbili tincenyeh-sihlanu

timbili tincenyeh-sihlanu

yinje ikota

incenyentsatfu yinje

tintsatfu tincenyeh-sihlanu

ihhafu yinje

mane emakota

bibili boncenyentsatfu

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



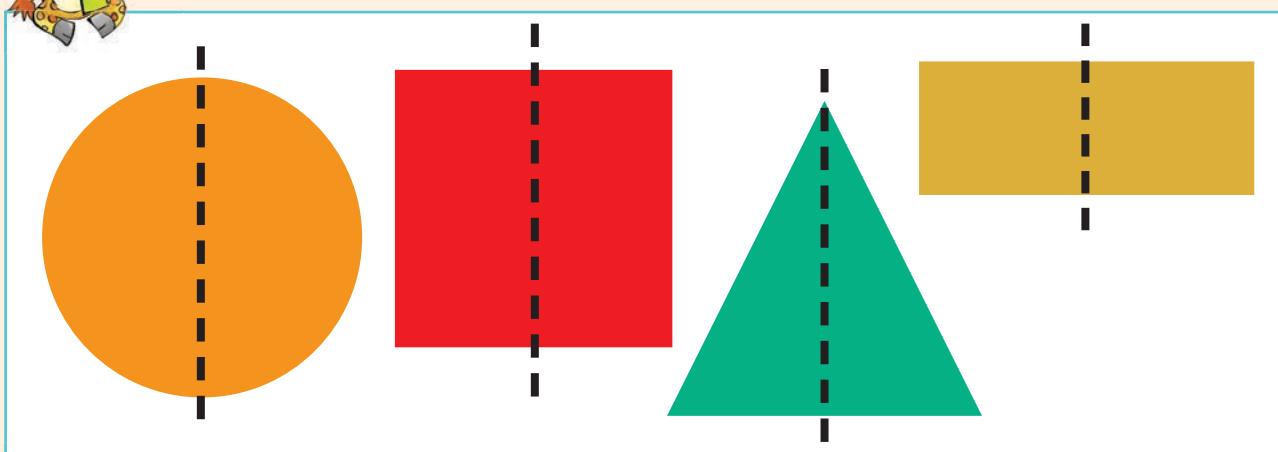


Umugca – sibuko nabobunjwa

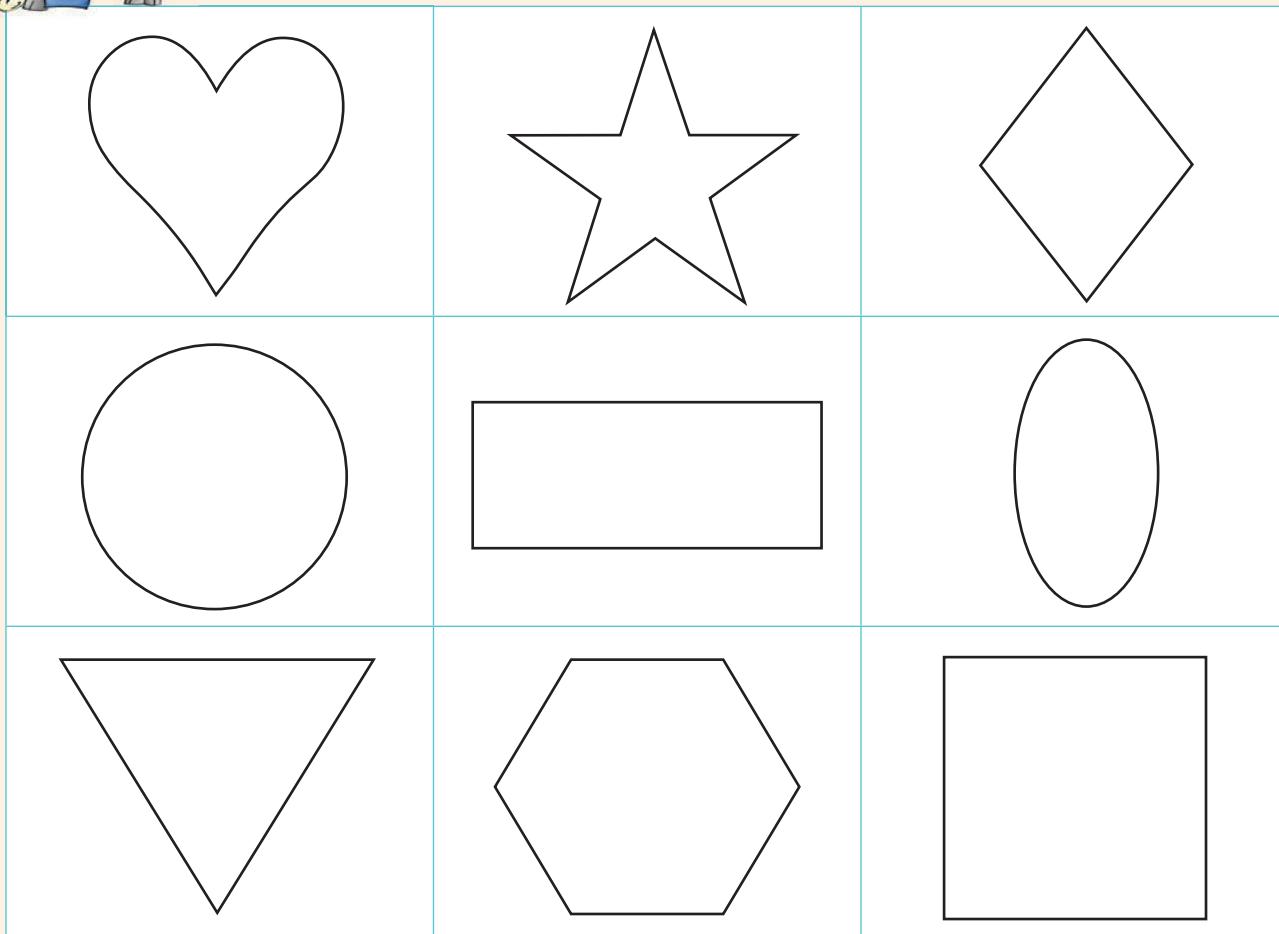
Lusuku:

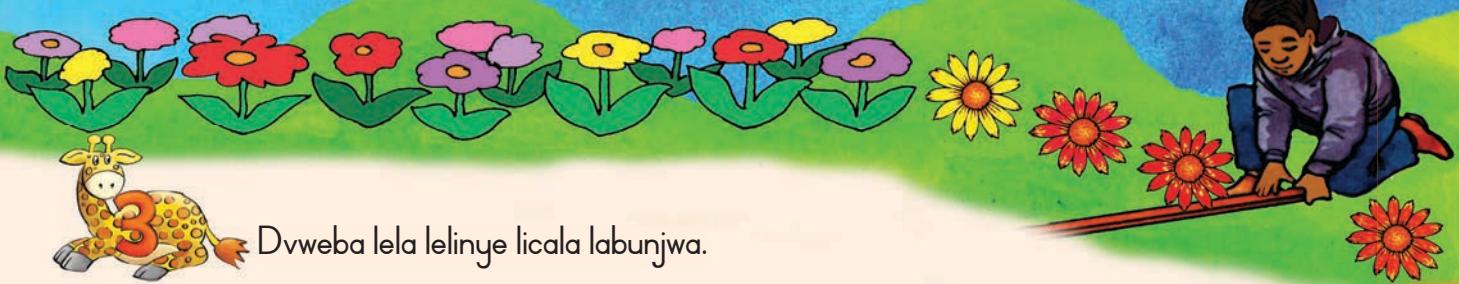


Buka letifombe tabobunjwa. Ngabe licala linye labunjwa libukeka lifana nalela lelinye licala? Ngabe asibuko salelinye yini?

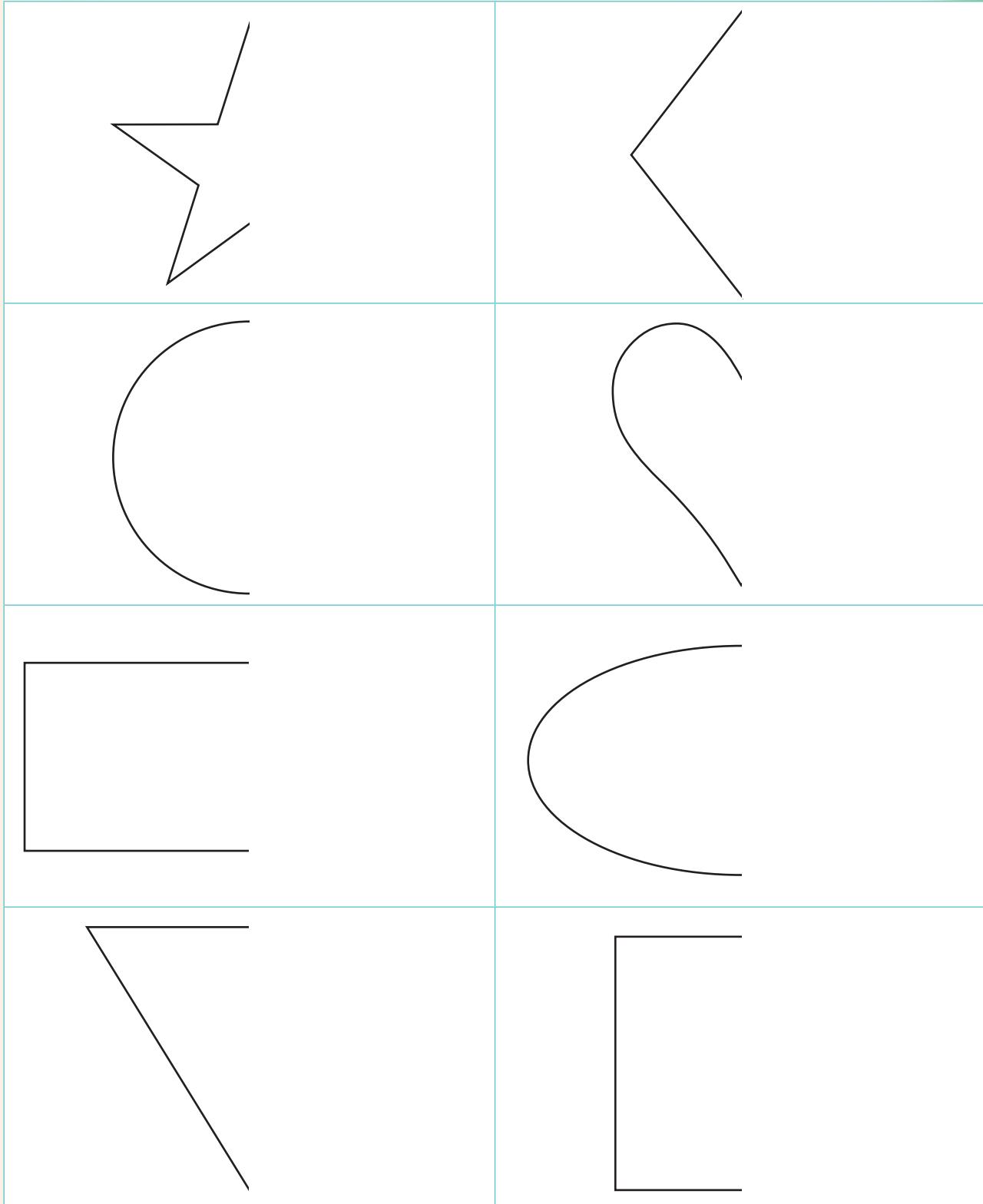


Dvweba umugca khona licala linye labunjwa libukeke lifana ncwe nalela lelinye licala.





Dvweba lela lelinye licala labunjwa.

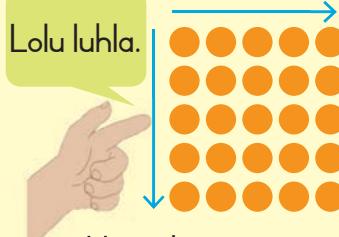


Teacher:
Sign:
Date:

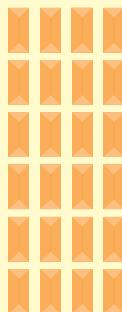
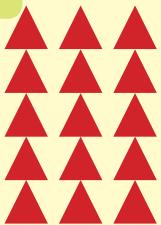


Emareyi nemafrakishini

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



Lolu
luhele.



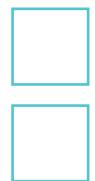
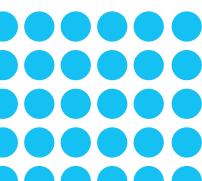
Uwasebentise njani emahele netinhla kukusita?



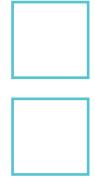
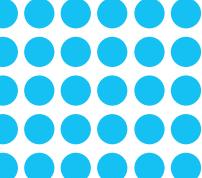
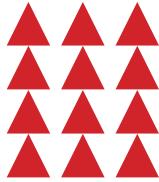
Bangaki bobunjwa labakhona? Iyini ihhafu yinye yalabunjwa?



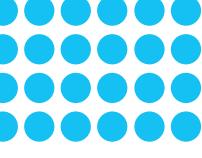
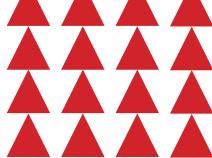
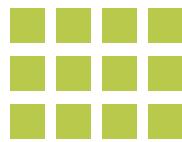
6
3



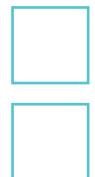
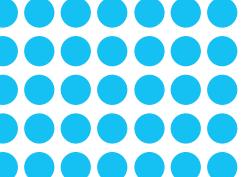
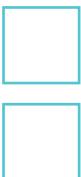
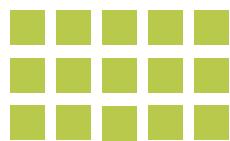
Bangaki bobunjwa labakhona? Iyini incenentsatfu yinye yabunjwa?



Bangaki bobunjwa labakhona? Iyini ikota yinye yabunjwa?

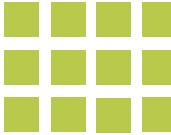
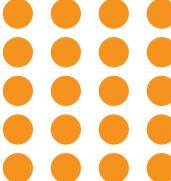


Bangaki bobunjwa labakhona? Iyini incenye-sihlanu yinye yabunjwa?





Cedzela lithebula ngentasi.

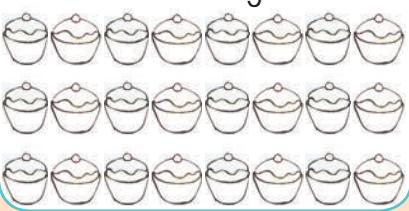
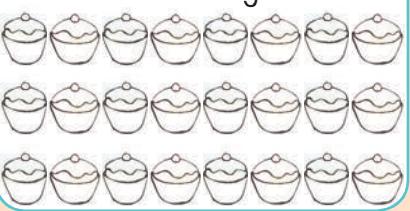
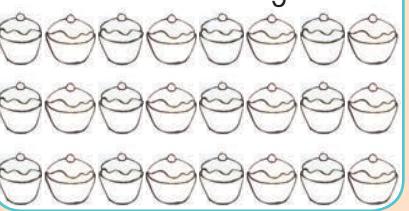
Kuphindzaphindza umusho nombolo	Kwehlukanisa umusho nombolo	Iyini	Iyini
 $2 \times 3 = 6$ noma $3 \times 2 = 6$	$6 \div 2 = 3$ noma $6 \div 3 = 2$	ihhafu yinye yaletintfo? 3	incenyentsatfu yinye yaletintfo? 2
			incenyentsatfu yinye yaletintfo?
			ikota yinye yetintfo?



Sebentisa butjoki kukhombisa:

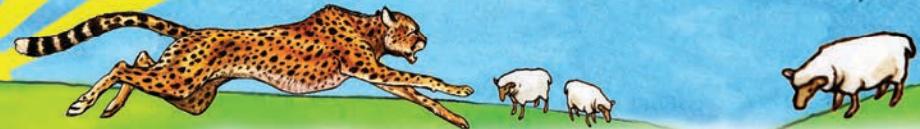
Ikota yinye ya 12 wemaswidi.	Incenyentsatfu yinye ya 12 wemaswidi.	Ihhafu yinye ya 12 wemaswidi.
------------------------------	---------------------------------------	-------------------------------

Make ubhake 24 wemakhekhana abhakela umkhakha ngamunye waletindzawo letilandzelako.
 Loku ngulabaku-odile: Sebentisa letifombe temakhekhana kukukhombisa indlela.

ihhafu yinye strobheri bese lokusele kuba yivanila 	ikota yinye ishokholethi bese lokusele kuba yivanila 	incenyentsatfu yinye ikharameli bese lokusele kuba yivanila 
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Teacher:
 Sign:
 Date:

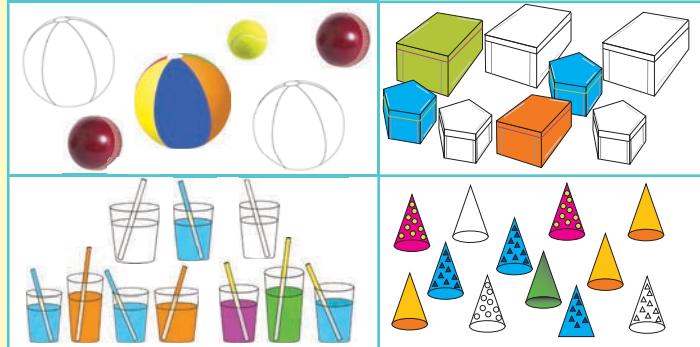


Ifrakishini yesicumbi setintfo

Lusuku:

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

I ihhafu yesicumbi setintfo



I incenentsatfu yesicumbi setintfo

I ikota yesicumbi setintfo

I incenye-sihlanu yesicumbi setintfo



Yakha wakakho umusho ngaletitfombe letingentasi. 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 emabrantji. Utsengise 4.

Utsengise ifrakishini yini?

Dvwebela umbuto.

Ngutiphi tinombolo-nsika? _____

Dvweba sitfombe kukhombisa imphendvulo yakho.



Yifrakishini yini yemakhekhana lenongwe ngetulu ngashukela wabbanana?

Westrobheri?

Webhabuli-gamu?



127

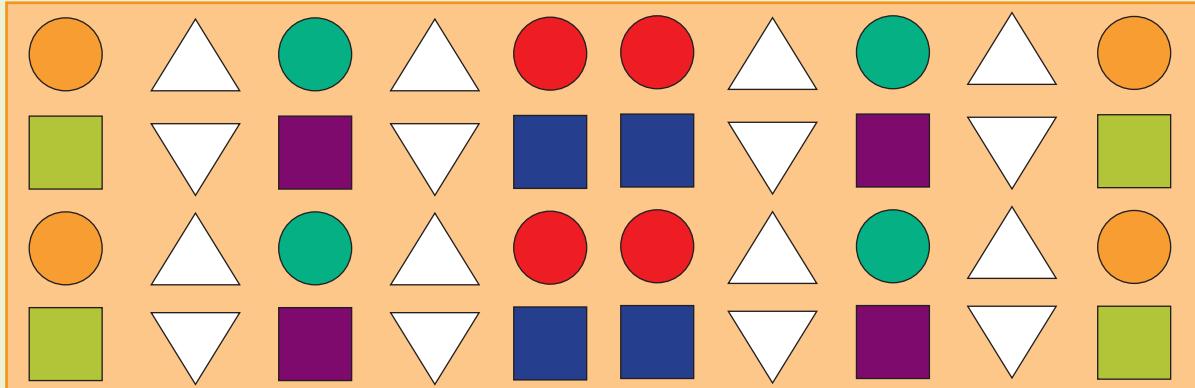


Lusuku:

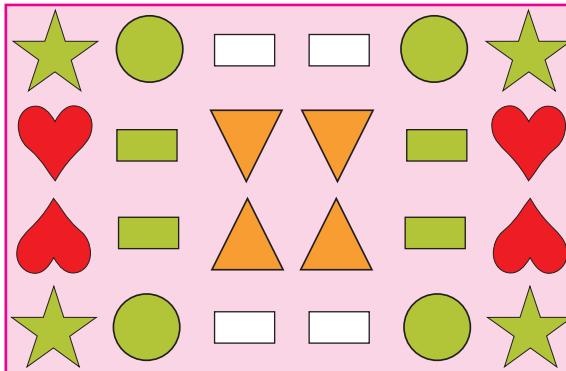
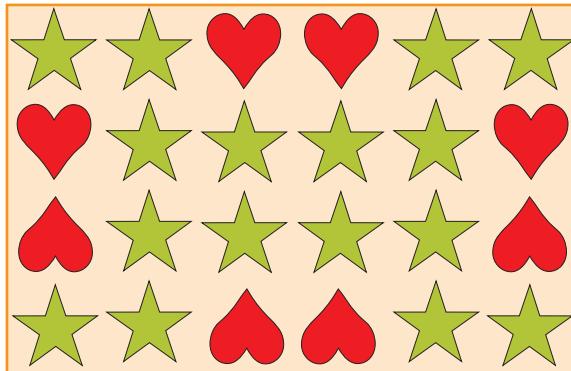
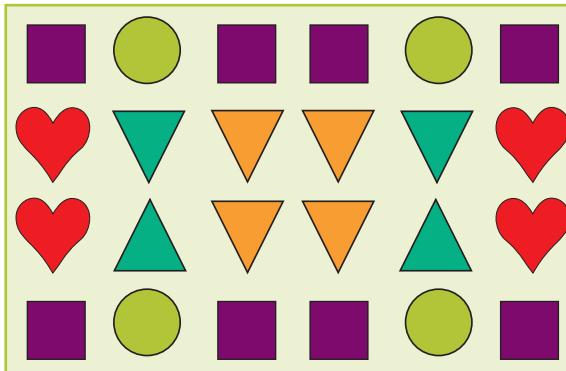
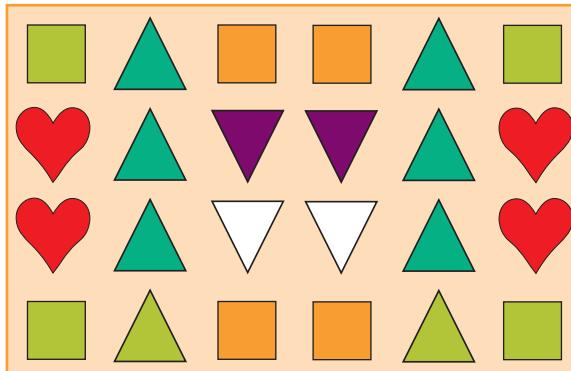
Umugca – sibuko kumaphethini

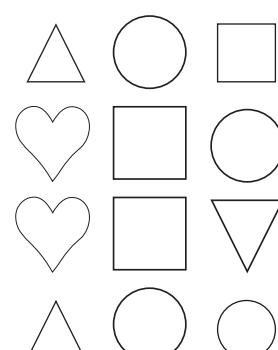
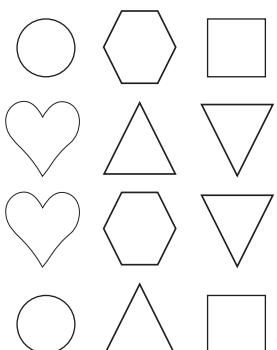
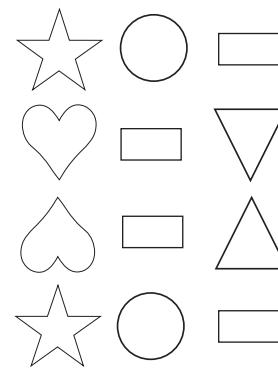
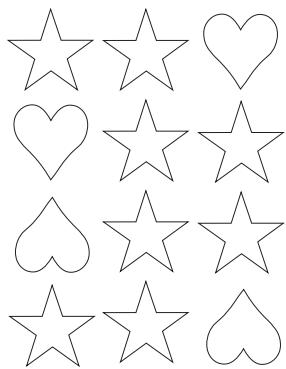
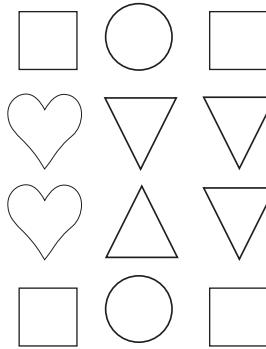
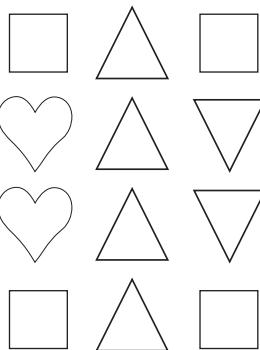
Buka letifombe kulengubo leticephu-ticephu. Yini loyibonako?

Ithemu 4



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



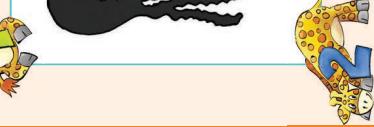
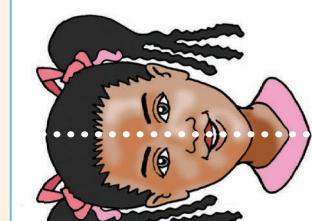
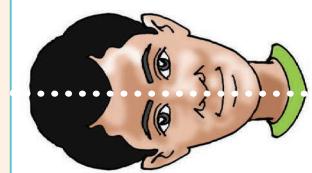
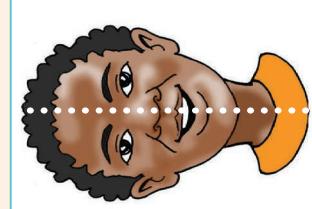


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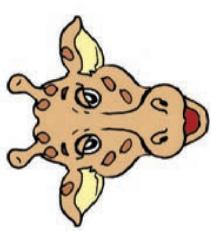
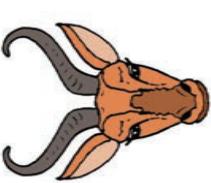
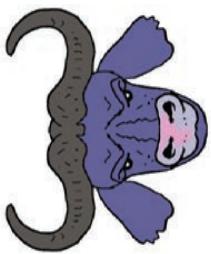
Umugca-sibuko siyachubeka

Buka letifombé tebuso.

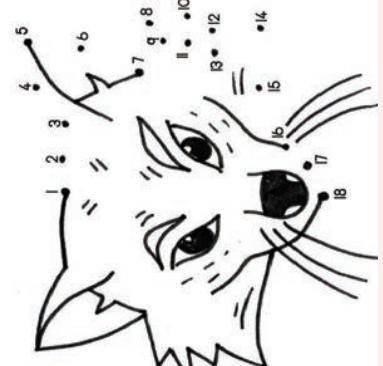
Ngabe lencenyé lenye yebuso iujfana yini nangale kulelinye licala?



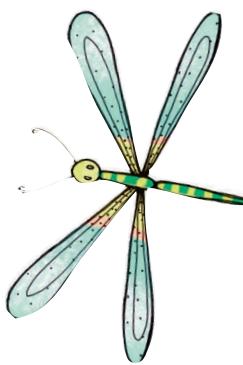
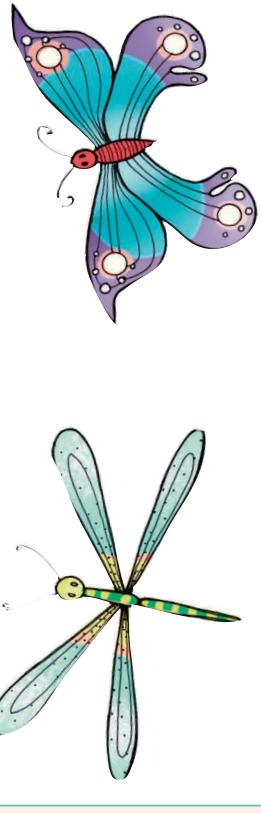
Dweba umugca khona leticala lebuso litowubuketa lifana nowe nangale kulelinye licala.



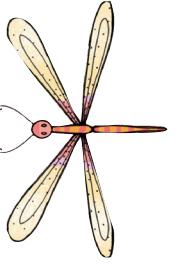
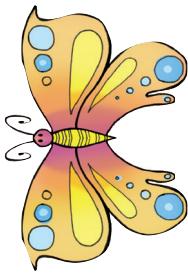
Dweba lela lelinye licala lebuso.
Lephathini yetinombole it akusita.



Buka letifombé tabobunjwa. Ngabe licala linje leslokataná
libuketa lifana yini natele lelinje licala?



Dweba umugca khona licala linje leslokataná libuketa lifana nowe natele lelinje licala.



Dweba lela lelinje licala letlokataná.

