

Kufundza ngeUMtsetfo Sisekelo weNingizimu Afrika (1996)

UMtsetfo-sisekelo waseNingizimu Afrika (1996) ucuketse imitsetfo lesetulu yelive. Lemitsetfo ingetulu ngisho kwamengameli welive, tinkantolo kanye nahulumende. Ichaza kutsi bantfu belive kumele baphatsane njani, nekutsi ayini emalungelo abo kanye nemitfwalo labanayo ngalabanye. UMtsetfo Sisekelo welive ukhonela kusivikela sonkhe nyalo kanye nebantfwabetfu ngakusasa.

Kufute sati ngelimuva letfu.

Asingawaphindzi emaphutsa ayitolo.

uMtsetfo Sisekelo usisita kutsi sicabange futsi sakhe likusasa lelihle lakhe wonkhe umuntfu.

Tsine, bantfu baseNingizimu Afrika;

Siyakubona kungabi khona kwebulungiswa esikhatsini lesengcile;

Setfulela sigcoko labo labahlukunyetwa kuze sitfole bulungiswa nenkhululeko eveni letfu;

Sihlonipha labo labasebentile kwakha nekutfutkisa live letfu;

Siyakholwa futsi kutsi iNingizimu Afrika yabo bonkhe labahlala kuyo, sihlange negekweluhlukahluka kwetfu.

Ngaloko-ke, ngetitfunywa lesitikhetsela tona ngenkhululeko, siyawemukela loMtsetfo-sisekelo njengemtsetfo lophakeme kunayo yonkhe eRiphabhulikhi kuze—

Kupheliswe kwehlukana kwayitolo futsi kwakhiwe umphakatsi losekelwe yintsandvo yelinyenti, bulungiswa ekuphileni kanye nemalungelo-sisekelo ebuntfu;

Kubekwe sisekelo semphakatsi wentsandvo yelinyenti, longenamfihlo

lapho khona hulumente abekwe ngetifiso tebantfu futsi sonkhe sakhamuti ngalokulinganako sivikelwe ngumtsetfo;

Kwentiwe ncono lizinga lemphilo yetakhamuti tonkhe futsi kukhululwe emakhono emuntfu ngamunye; futsi

Kwakhiwe iNingizimu Afrika lehlange ne futsi yentsandvo yelinyenti lekwati kutsatsa indzawo yayo leiyiyifanele njengelive lelitibusako njengawo onkhe emave latibusako.

Tsatsa lilungelo lakho njengemuntfu waseNingizimu Afrika bese utsatsa sigaba sakho kuvikela emalungelo alabanye.

Wati uMtsetfo Hlongotwako wemalungelo akho kanye neMtsetfo Hlongotwako weMtfwalo lobhekene nemuntfu.

Nkulunkulu akabusise bantfu bakitsi
Nkosi Sikelel' i-Afrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

ISBN 978-1-4315-0144-1



9 781431 501441



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

ISBN 978-1-4315-0144-1

THIS BOOK MAY NOT BE SOLD.

15th Edition

1

2

3

4

TIBALO NGESISWATI – Libanga 2 Incwadzi 2

ISBN 978-1-4315-0144-1

Kubuyeketiwe futsi kwahlelenjiswa ngekwema-CAPS



Libanga 2

TIBALO
NGESISWATI

Incwadzi 2
Emathemu
3 & 4

Ligama:

Likilasi:



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Lokucuketfwe

Inombolo	Sihloko	Likhasi
65	Tinombolo 50 – 99	2
66	Tinombolo 100 – 150	4
67	Kugcwele, kunguhhafu, 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	Emabhola, 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	Kuphindzaphindza	42
85a	Ikota emva kwa ...	44
85b	Sikhatsi siyahamba	46
86	Imphindza-imbili	48
87	Kuphinda kabili nekuhhafula	50
88	Siyachubeka ngekuphindzaphindza	52
89	Emaphethini etinombolo	54
90	Emafrakishini – bohafu	56
91	Emafrakishini – siyachubeka ngekuphindzaphindza	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 iminingwane	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 neKwehlukana	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 nekubelana	98
111	Umtsamo siyachubeka futsi	100
112	Emaphethini-tinombolo	102
113	Kuphindzaphindza siyachubeka	104
114	Kuphindzaphindza lokuhlanganisele	106
115	Kuphindzaphindza siyachubeka futsi	108
116a	Emalanga eliviki	110
116b	Emalanga, emaviki netinyanga	112
117	Emaphethini netinombolo siyachubeka	114
118	Kwaba ngekulingana kusiyisa kumafrakishini	116
119	Budze	118
120	Kwesindza neBumalula siyachubeka	120
121	Siyachubeka: kwabelana kusiholela kumafrakishini	122
122	Emafrakishini	124
123	Siyachubeka ngemafrakishini	126
124	Umugca – sibuko nabobunjwa	128
125	Emafrakishini	130
126	Ifrakishini yesicumbi setintfo	132
127	Umugca – sibuko kumaphethini	134
128	Umugca-sibuko siyachubeka	136



Nkst. Siviwe Gwarube,
iNdvuna yeMfundvo
yeSisekelo



Dkt Reginah Mhaule,
Liphini leNdvuna yeMfundvo
yeSisekelo

Letincwadzi tekusebentela tikhicitelwe bantfwana baseNingizimu Afrika ngekuholwa yiNdvuna yeMfundvo Sisekelo, Nkst. Siviwe Gwarube akanye neLiphini lakhe, Dkt Reginah Mhaule.

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

Siyetsemba kutsi bothishela batatitfolo tilusito kakhulu letincwadzi tekusebentela basafundzisa malanga onkhe kute bafundzi bakhone kucedza luhlelo lwabo lwekufundza. Setame, ngekuophelela lokukhulu, kusita thishela kuleyo naleyo ncenye yemsebenzi, ngekusebentisa timphawu letitifombe kukhombisa umfundzi loko lokumele akwente.

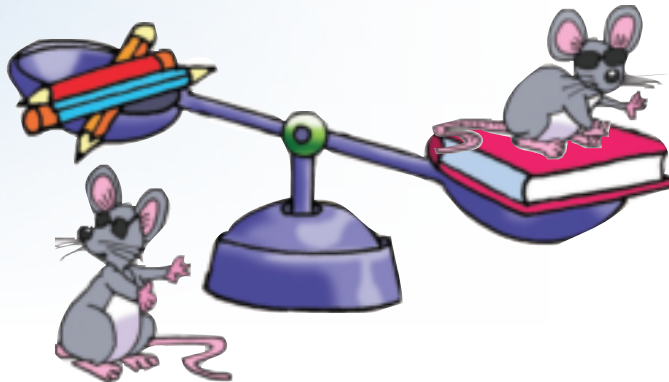
Siyetsemba bantfwana nabo batakujabulela kusebentisa letincwadzi basachubeka nekukhula nekufundza; nekutsi bothishela batawutfokota kanye nabo.

Sifisela bothishela nebafundzi imphumelelo basachubeka nekusebentisa letincwadzi tekusebentela.

Libanga 2



Lencwadzi ya:



SISWATI

Incwadzi

2

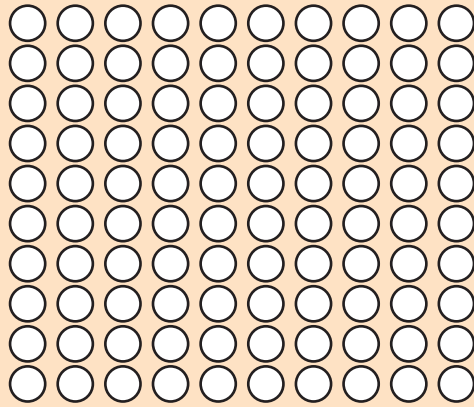
65



Tinombolo 50 – 99

Lusuku:

Faka umbala etindilingeni letingu 58.



5 0

8



Bhala imphendvulo. Sibonelo sekucala sitakusita.

6 0

8

$$60 + 8 = 68$$

=



8 0

6

=

5 0

3

=

7 0

1

=

9 0

5

=

6 0

9

=



Bhala timphendvulo takho taloku lokungetulu ngemagama:

emashumi lasitfupha-nesiphohlongo



Niketa tinombolo tibe timbili letingephasana natimbili letingetulu kwalenombolo leniketiwe.

Ngephasi		Inombolo	Ngetulu	
		55		
		63		
		88		
		95		
		71		



Cedzela lemigca-nombolo.

80	81	82				86	87		89	90
----	----	----	--	--	--	----	----	--	----	----

60	59	58								50
----	----	----	--	--	--	--	--	--	--	----

67	68	69				73	74			77
----	----	----	--	--	--	----	----	--	--	----



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

Teacher:

Sign:

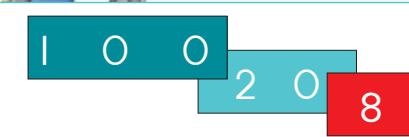
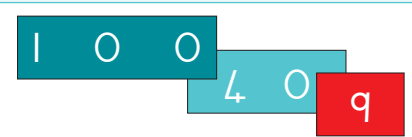
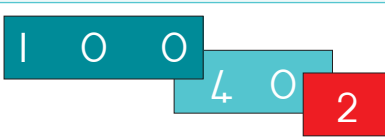
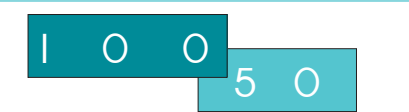
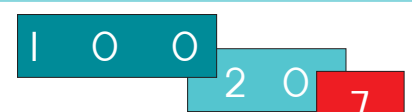
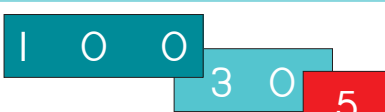
Date:

Faka umbala ku 139 wetindilinga.

9



Bhala inombolo. Sibonelo sekucala sitakukhombisa indlela.

 100 + 20 + 8 = 128 	 =	 =
 =	 =	 =



Nguyiphi inombolo leba semkhatsini waleti?

103 na 105? _____

139 na 141? _____

^{120}Na na ^{22}F ? _____

150 на 148? _____

146 na 148? _____

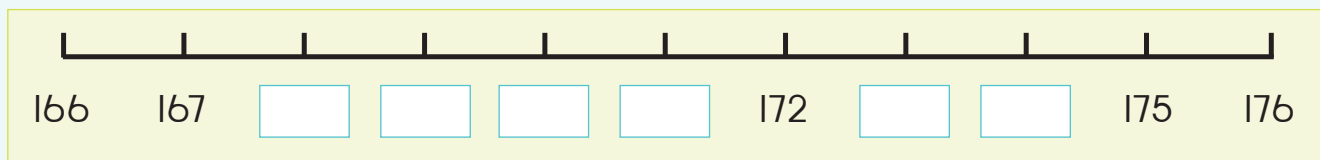
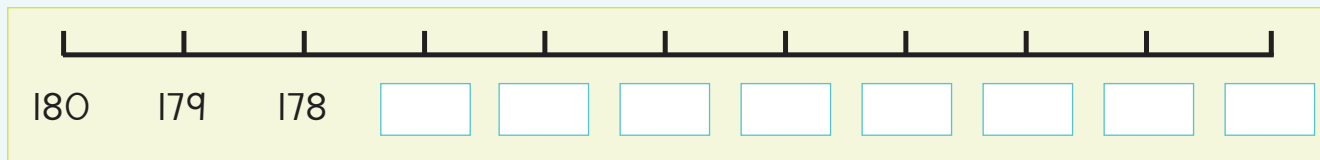
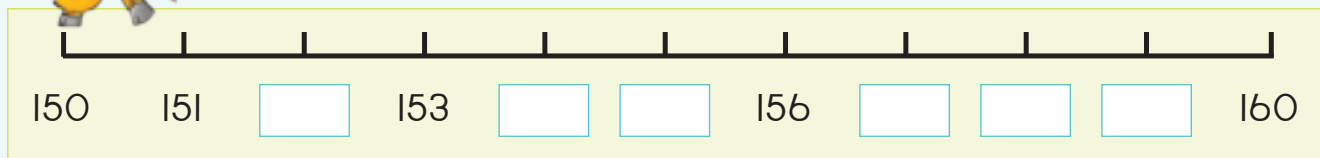


Niketa tinombolo tibe timbili letingephasana natimbili letingetulu kwalenombolo leniketiwe.

Ngephasi		Inombolo	Ngetulu	
		123		
		145		
		108		
		141		
		134		



Cedzela lemigca-nombolo.



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



Teacher:

Sign:

Date:



Lusuku: _____

Kugcwele, kunguhhafu, kute lutfo



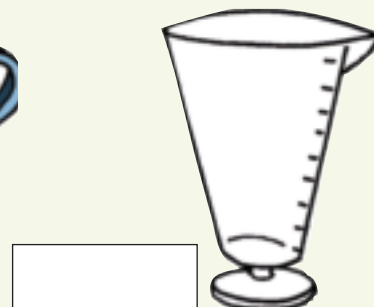
Coca ngemabhodlela etafuleni lathishela.

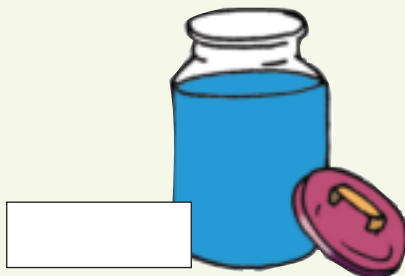


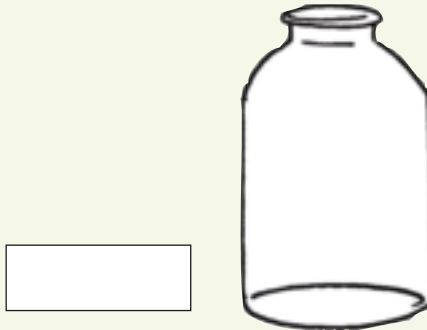
Shano kutsi kwekuphatsa kugcwele, kunguhhafu noma kute lutfo.



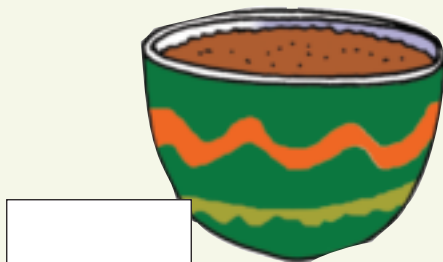


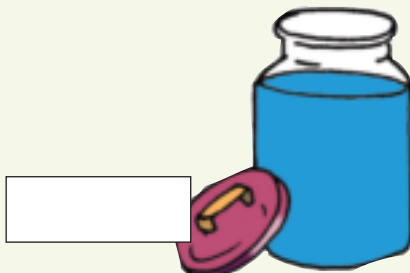
















Faka umbala kukhombisa kutsi kunganani lokusamanti kuletintfo tekuphatsa.

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: _____



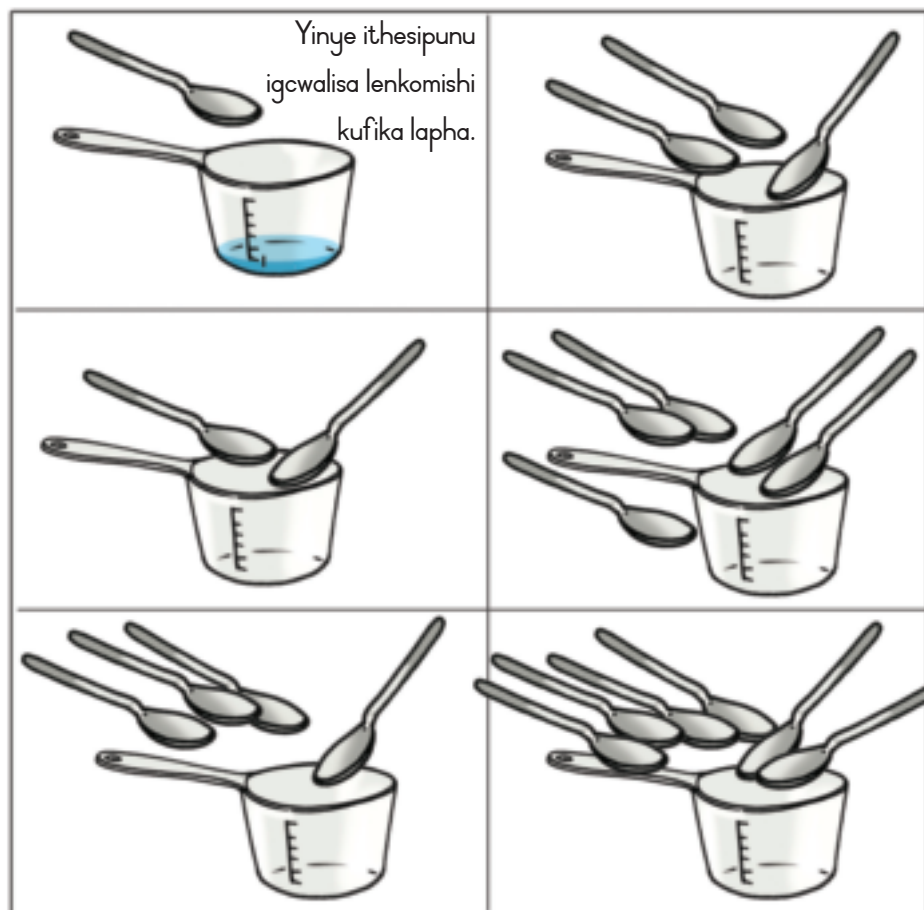
Siyachubeka ngemtsamo

Buka letitfombe. Bentani labantfwana?

Lusuku:



Tinkhezo titaligwalisa kufika kuphi lijeke? Faka umbala.





Tingaki tinkhezo letinye lotidzingako futsi kugcwalisa lenkomishi yekukala?















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



Teacher: _____
Sign: _____
Date: _____

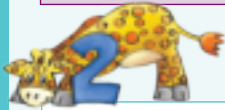


Lusuku:

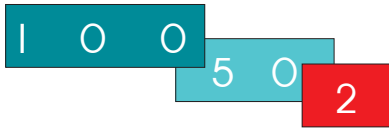
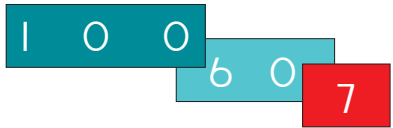
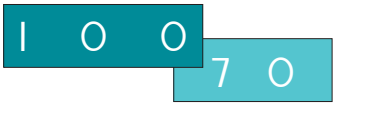
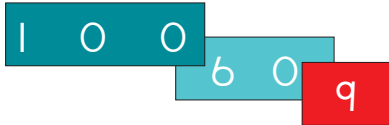
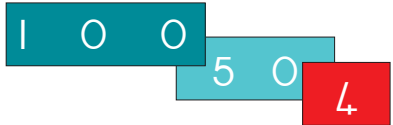
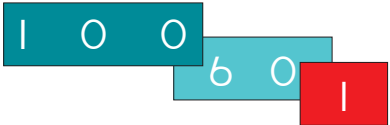
Tinombolo 150 – 170

Faka umbala ku 162 wetindilinga.

A visual representation of the number 112 using base ten blocks. It consists of 100 small white cubes arranged in a 10x10 grid, 10 larger white rods arranged in a 2x5 grid, and 2 red units.



Bhala inombolo yaloku:

 $100 + 50 + 2 = 152$ 		
		



Ngutiphi tinombolo letita emkhatsini:

150 na 155

158 na 162

170 na 165

163 na 167

172 na 166



Niketa tinombolo tibe timbili letingephasana natimbili letingetulu kwalenombolo leniketiwe.

Ngephasi		Inombolo	Ngetulu	
		155		
		168		
		151		
		162		
		160		



Cedzela lemigca-nombolo.

150	151	152					157	158		
-----	-----	-----	--	--	--	--	-----	-----	--	--

154	155	156								
-----	-----	-----	--	--	--	--	--	--	--	--

160		162		164	165					170
-----	--	-----	--	-----	-----	--	--	--	--	-----



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



Teacher: _____

Sign: _____

Date: _____

70

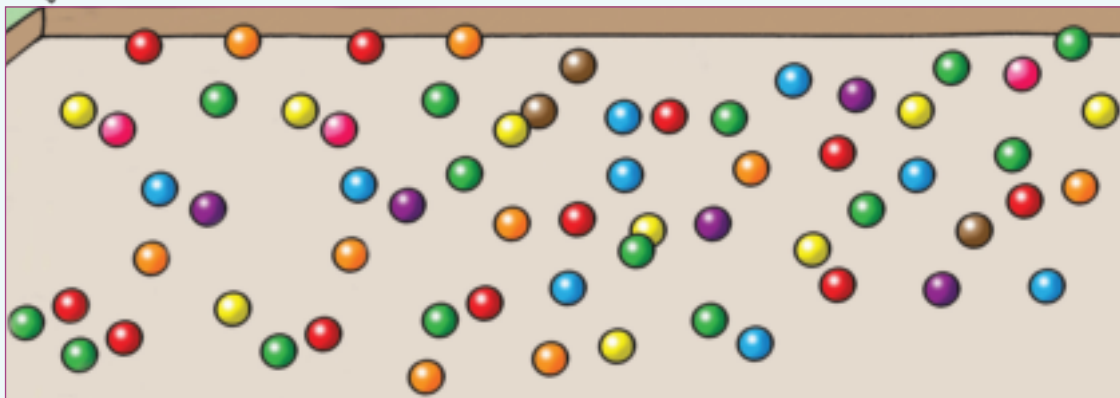


Lusuku:

Kubala nekulinganisela (0 – 100)



Linganisela bese ubala lobuhlalu.

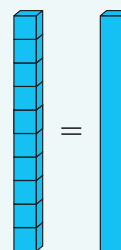


linganisela

bala ngesineke



Kuna 10 wemabhuloki kulesibaya.
Linganisela bese uyabala.



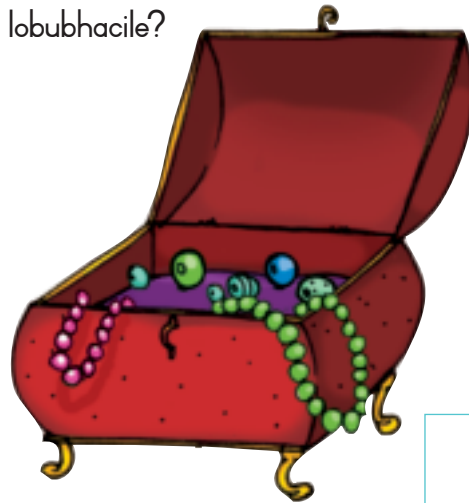
	linganisela bala ngesineke 		linganisela bala ngesineke
	linganisela bala ngesineke 		linganisela bala ngesineke
	linganisela bala ngesineke 		linganisela bala ngesineke



Kuna 42 wemaswidi ebhokisini.
Mangaki labhacile?



Kuna 50 webuhlalu ebhokisini.
Bungaki lobubhacile?



Kuna 78 wemaswidi ebhokisini.
Mangaki labhacile?



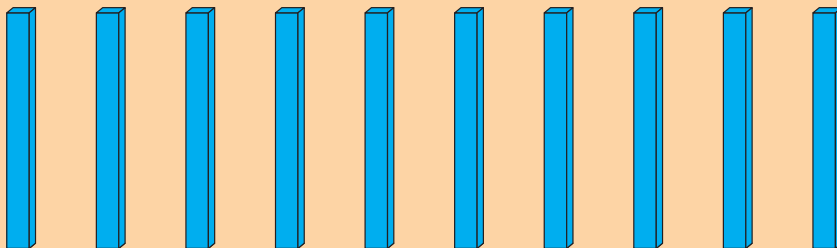
Kuna 100 webuhlalu ebhokisini.
Bungaki lobubhacile?





Ungakwenta masinyane kanganani loku?

Sibaya ngasinye siphatsa 10 wemabhuloki. Mangaki emabhuloki lakhona lapha?





Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

71

Imininingwane siyachubeka

Lusuku:

Ithemu 3



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

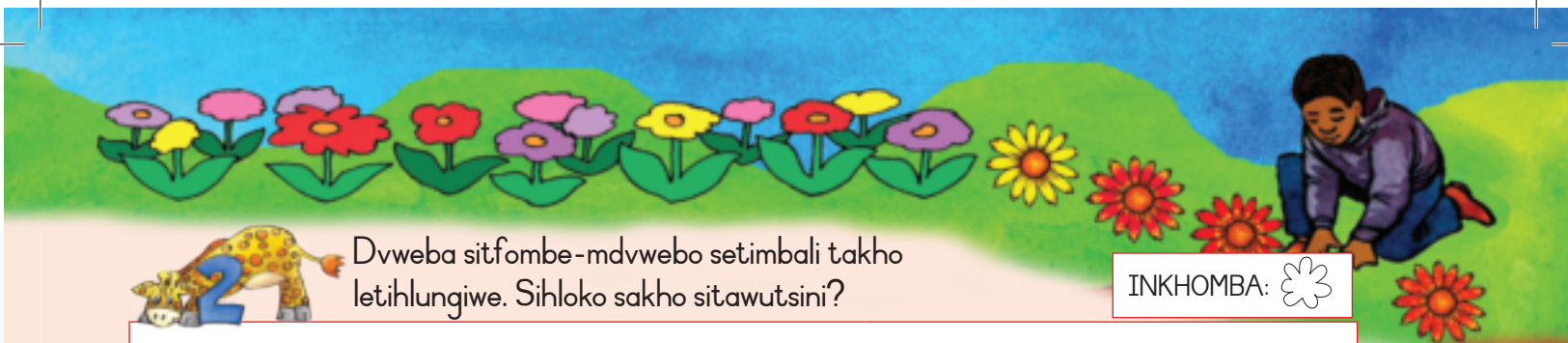














Phendvula lemibuto lelandzelako:

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?

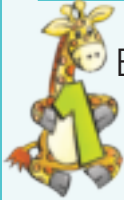


Teacher:
Sign:
Date:

Kuhlanganisa 0 – 50

Lusuku:

Ithemu 3



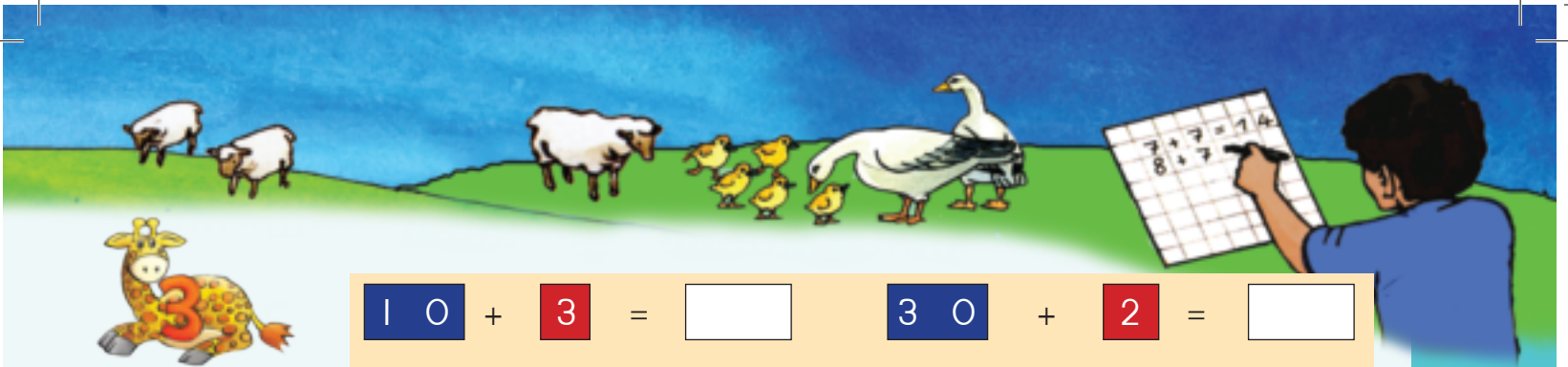
Buka kulesitfombe bese uhlanganisa lamamabuli.

labovu	+	lalingangane		+		=	
laluhlata	+	lalingangane		+		=	
lasamsobo	+	lalingangane		+		=	
laluhlata	+	lamtfubi		+		=	
labovu	+	laluhlata		+		=	



Catsanisa lamakhadi. Dvweba umugca usuke esibalweni uye emakhadini langiwo.

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



Hlanganisa.

$$10 + 3 = \square$$

$$30 + 2 = \square$$

$$20 + 5 = \square$$

$$30 + 7 = \square$$

$$40 + 1 = \square$$

$$20 + 6 = \square$$

$$10 + 4 = \square$$

$$40 + 8 = \square$$

$$30 + 9 = \square$$



Hlanganisa.

$$16 + 13$$

$$\begin{array}{r} 6 \\ 10 \end{array} + \begin{array}{r} 3 \\ 10 \end{array} = \begin{array}{r} 9 \\ 20 \end{array}$$



$$16 + 13 = 29$$

$$24 + 12$$

$$\begin{array}{r} 4 \\ 20 \end{array} + \begin{array}{r} 2 \\ 10 \end{array} = \begin{array}{r} \square \\ \square \end{array}$$

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

$$37 + 11$$

$$\begin{array}{r} 7 \\ 30 \end{array} + \begin{array}{r} 1 \\ 10 \end{array} = \begin{array}{r} \square \\ \square \end{array}$$

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

$$25 + 23$$

$$\begin{array}{r} 5 \\ 20 \end{array} + \begin{array}{r} 3 \\ 20 \end{array} = \begin{array}{r} \square \\ \square \end{array}$$

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

$$36 + 12$$

$$\begin{array}{r} 6 \\ 30 \end{array} + \begin{array}{r} 2 \\ 10 \end{array} = \begin{array}{r} \square \\ \square \end{array}$$

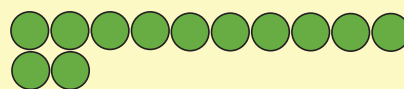
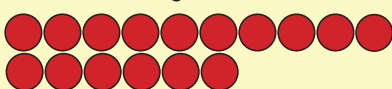
$$\square + \square = \square$$

$$28 + 21$$

$$\begin{array}{r} 8 \\ 20 \end{array} + \begin{array}{r} 1 \\ 20 \end{array} = \begin{array}{r} \square \\ \square \end{array}$$

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

Lisa unetintfo tekubala letingu 16 kantsi Peter una 12.



Itsini ithothali?



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

73

Kuhlanganisa 0 – 75

Lusuku:

Ithemu 3



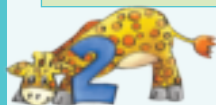
Catsanisa lamakhadi.

1	10
5	10

6	20
2	10

3	20
5	30

4	40
4	30



Hlanganisa.

12 + 11

$$\begin{aligned} & \boxed{} \boxed{} + \boxed{} \boxed{} \\ = & \boxed{} + \boxed{} + \boxed{} + \boxed{} \\ = & \boxed{} + \boxed{} \\ = & \boxed{} \end{aligned}$$

23 + 41

$$\begin{aligned} & \boxed{} \boxed{} + \boxed{} \boxed{} \\ = & \boxed{} + \boxed{} + \boxed{} + \boxed{} \\ = & \boxed{} + \boxed{} \\ = & \boxed{} \end{aligned}$$



Cedzela.

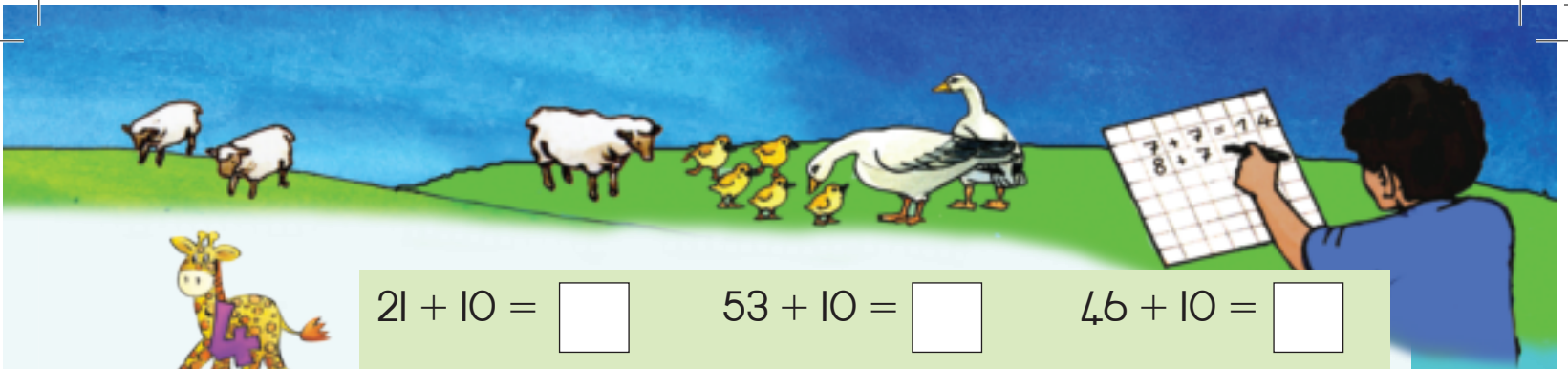
$$28 + 11 = 28 + 10 + 1 = 38 + 1 = 39$$

$$34 + 12 = 34 + 10 + 2 = \boxed{} + \boxed{} = \boxed{}$$

$$43 + 23 = 43 + 20 + 3 = \boxed{} + \boxed{} = \boxed{}$$

$$45 + 23 = 45 + 20 + 3 = \boxed{} + \boxed{} = \boxed{}$$

$$56 + 11 = 56 + 10 + 1 = \boxed{} + \boxed{} = \boxed{}$$



Hlanganisa.

$21 + 10 = \square$

$53 + 10 = \square$

$46 + 10 = \square$

$68 + 10 = \square$

$37 + 10 = \square$

$42 + 10 = \square$

$74 + 10 = \square$

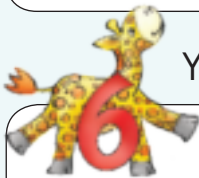
$19 + 10 = \square$

$55 + 10 = \square$



Sibalo sa 47 na 6 ngu?

Dweba sitfombe kukhombisa imphendvulo yakho.



Yenta sibalo sakho semagama ngekusebentisa titfombe.



Teacher: _____

Sign: _____

Date: _____

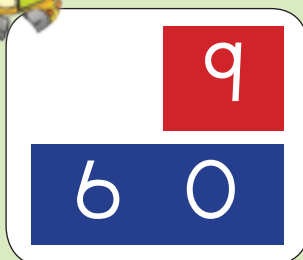


Kuhlanganisa nekususa: 0 – 75

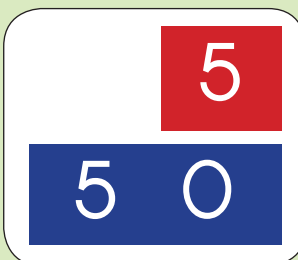
Ithemu 3



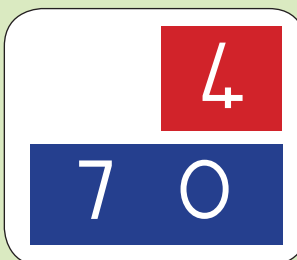
Condzanisa emakhadi. Dvweba umugca kusuka esibalweni kuya emakhadini langiwo.



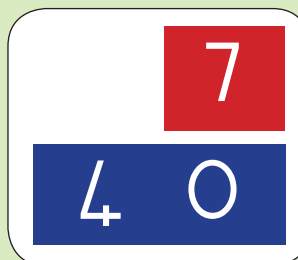
$$7 + 40 = 47$$



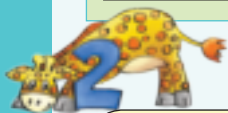
$$60 + 9 = 69$$



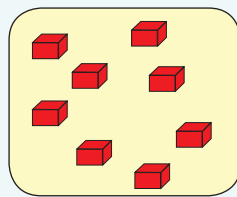
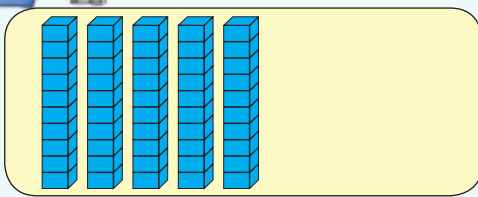
$$50 + 5 = 55$$



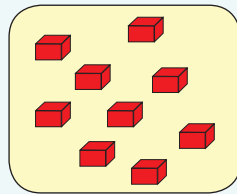
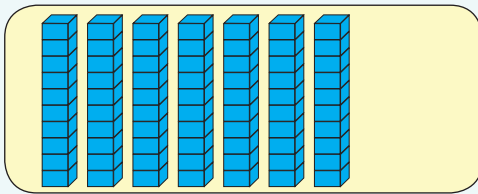
$$4 + 70 = 74$$



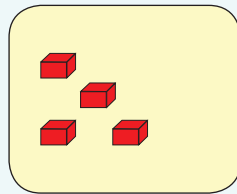
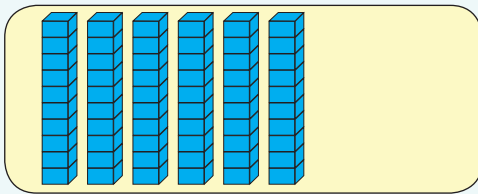
Bhala sibalo saloku lokulandzelako bese uyakuhlanganisa.



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



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



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



Hlanganisa.

$$60 + 4 = \square$$

$$30 + 2 = \square$$

$$40 + 9 = \square$$

$$50 + 4 = \square$$

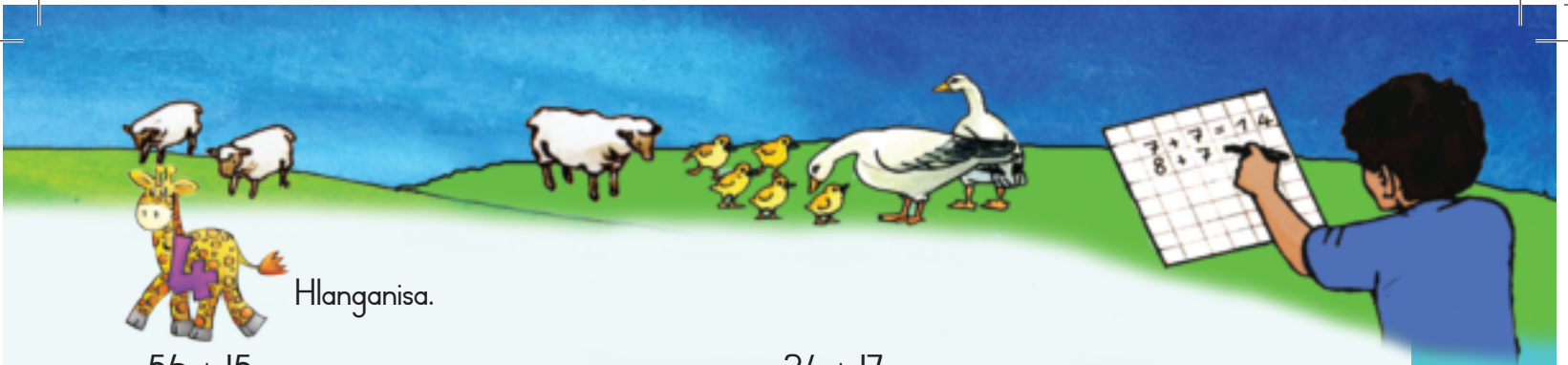
$$20 + 8 = \square$$

$$10 + 7 = \square$$

$$70 + 5 = \square$$

$$70 + 8 = \square$$

$$50 + 6 = \square$$



Hlanganisa.

$$56 + 15$$



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

$$34 + 17$$

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

$$48 + 13$$

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

$$63 - 41$$

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

$$75 - 51$$

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

$$72 - 49$$

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



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



Itsini ithothali? _____

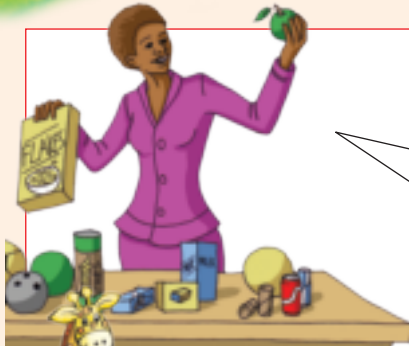


Teacher: _____
Sign: _____
Date: _____



Emabhola, emabhokisi nemibhoshongo

Ithemu 3



Lamagama angakusita:

emabhokisi

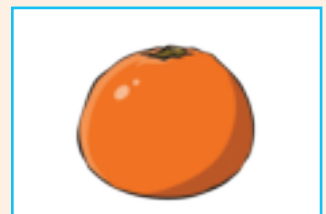
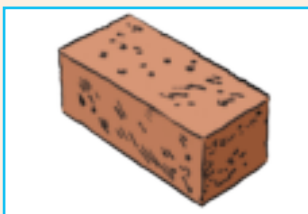
emabhola

imibhoshongo

Usakhumbula nje kutsi
bobunjwa labanjani laba?

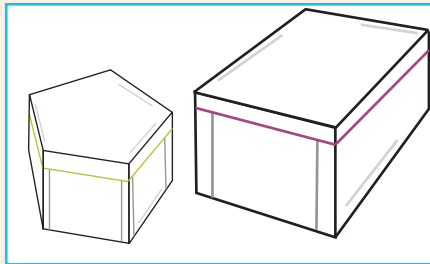


Bekisa emabhola, emabhokisi nemibhoshongo ngekubhala lelogama ngephasi
kwaleiyontfo ngayinye.

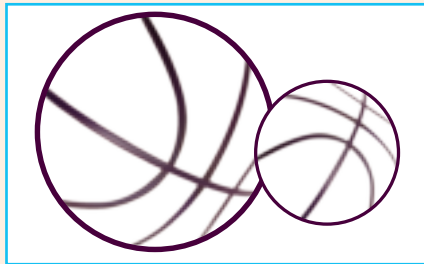




Faka umbala lolingangane etintfweni letincanyana.



emabhokisi



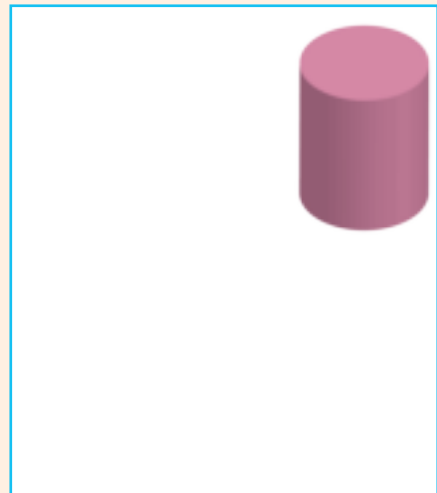
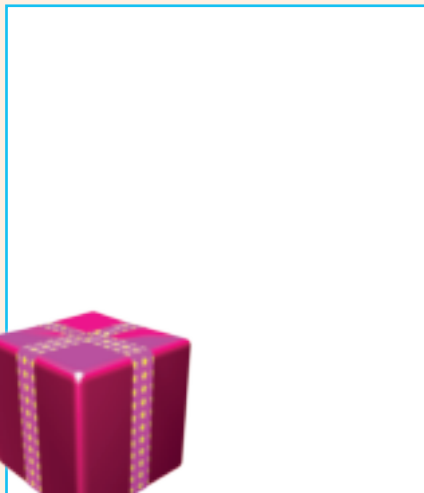
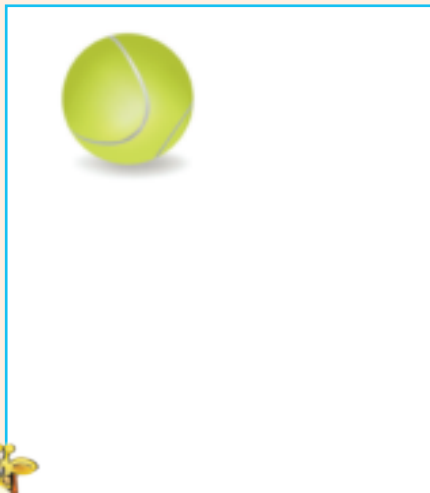
emabhola



imibhoshongo



Dvweba intfo lenkhudlwana.



Ufuna kufaka sipho sekutalwa 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

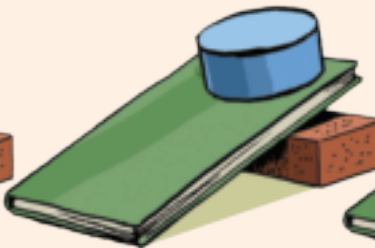


Thishela wakho utakwenta lomsebenti
ngetandla kanye nani kubona kutsi ngabe
loku lokulandzelako kutawusimama yini:

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



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

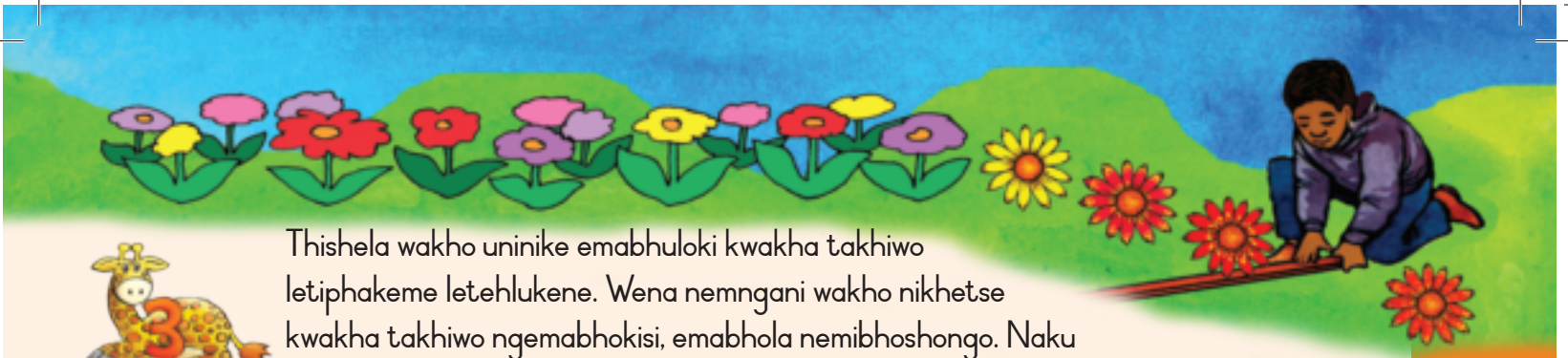




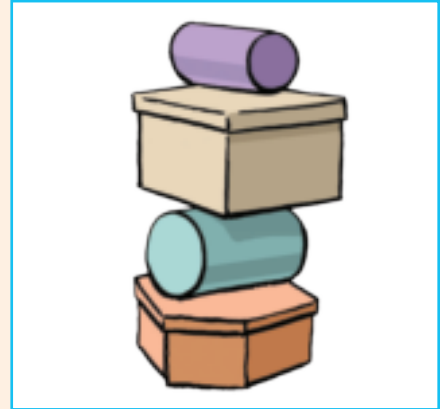
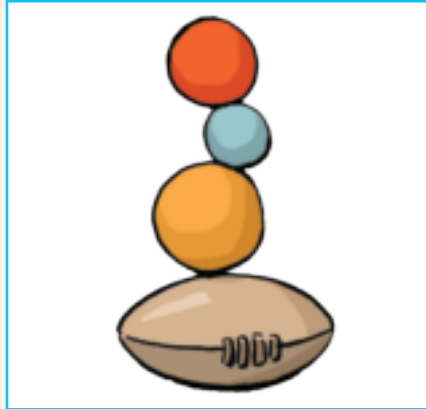
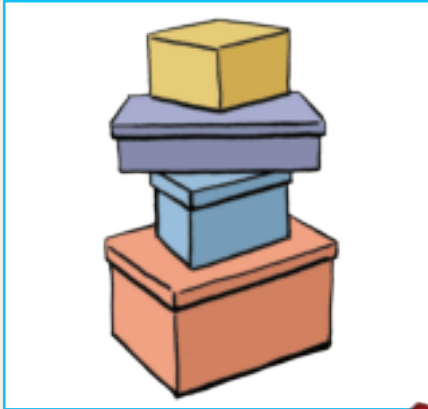
Tfola titfombe tetintfo letitawugicika noma tishhelele kubomagazini
utinamatsisele lapha.

gicika

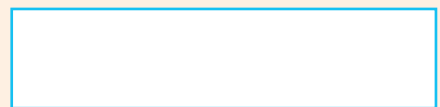
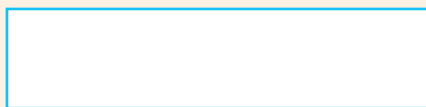
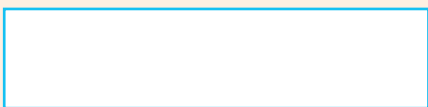
shelela



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



Loku kutawukhonakala



Nati takhiwo temabhokisi emetjiso.



Udzinga:
Emabhokisi emetjiso.

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



Teacher:
Sign:
Date:

77

Siyachubeka kuhlanguanisa nekususa 0 – 75

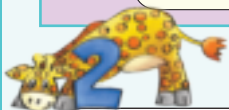
Lusuku:

Ithemu 3



Hlanguanisa 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



Hlanguanisa usebentisa indlela yakakho.

$$52 + 21$$

$$43 + 28$$



Cedzela.

28	+	31	=	2 8	+	3 0	+	1	=	58	+	1	=	59
45	+	32	=	4 5	+	3 0	+	2	=		+		=	
52	+	14	+	5 2	+	1 0	+	4	=		+		=	



Hlanguanisa.

$$41 + 10 =$$

$$44 + 10 =$$

$$71 + 10 =$$

Kuhlanguaniswa kwa 36 na 24 ngu_____.

Dvweba sitfombe kukhombisa imphendvulo yakho.





Khipha tinombolo letingaphasi kuleti letingetulu.

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



Bhala sibalo saloku lokulandzelako.

	—		=	
--	---	--	---	--

	—		=	
--	---	--	---	--



Susa:

$$65 - 23$$

$$72 - 29$$

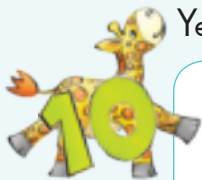


Khipha.

$$61 - 10 = \square$$

$$42 - 10 = \square$$

$$37 - 10 = \square$$



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



Mangaki emamabuli lasela? _____

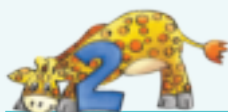
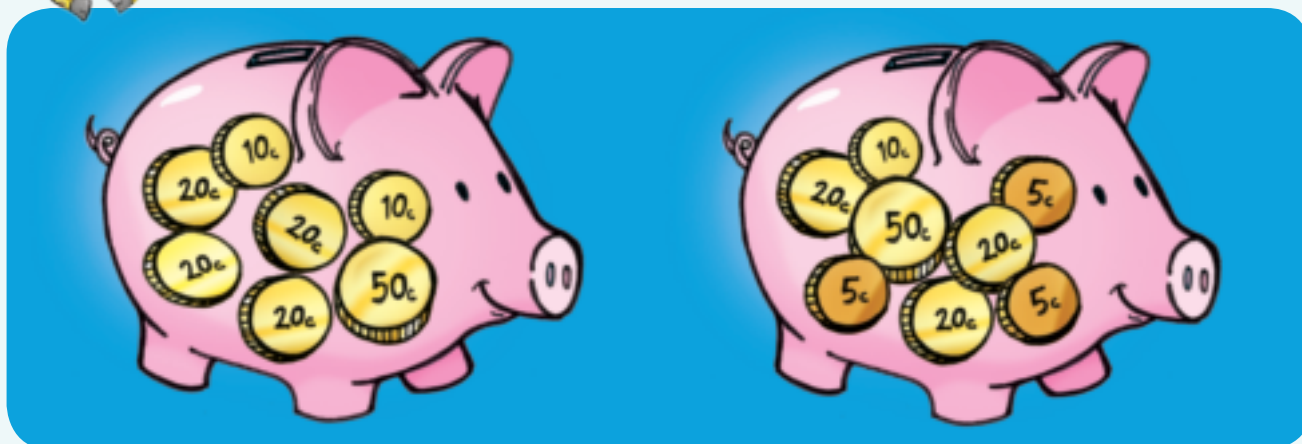
Teacher: _____
Sign: _____
Date: _____

Siyachubeka ngemali

Lusuku:



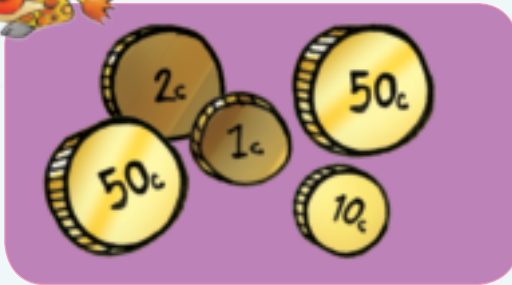
Liyini lidlela-ntfongeni lami?



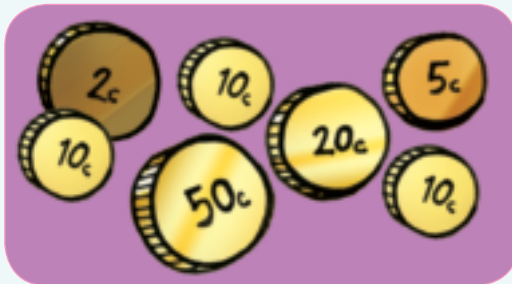
Sebentisa imali yensimbi lekuKwekusiwa 3 unamatsisele emanani langiwo lapha.



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.



Teacher: _____
Sign: _____
Date: _____



Siyachubeka ngemali yeliphepha

Ngumalini losesipatjini sami?

Lusuku:



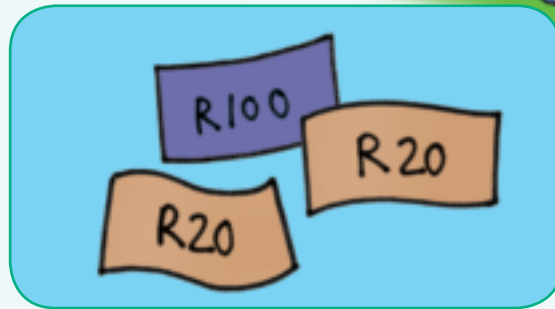
Sebentisa imali lemaphepha lekuKwekusikwa 3 unamatsisele emanani langiwo lapha.

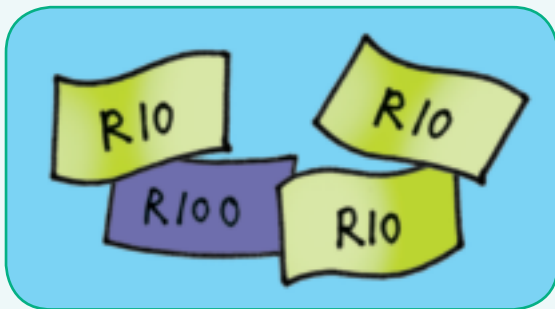
	
	
	

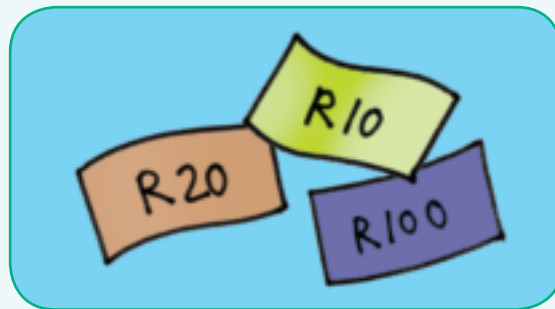


Mangaki emaRandi?















Tibalo-magama:

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

Ngina R160. Ngitsenge lishethi nga R50. Sengisele namalini?



Teacher:

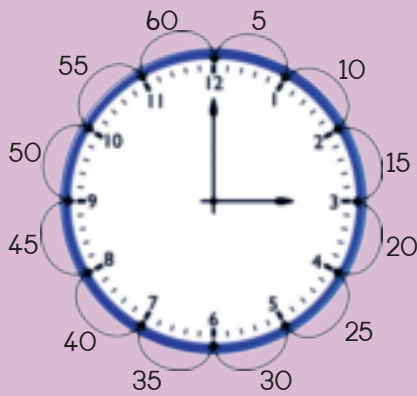
Sign:

Date:

80

Iphethini yesikhatsi

Coca ngeliwashi.



Liwashi lisikhomba sikhatsi.

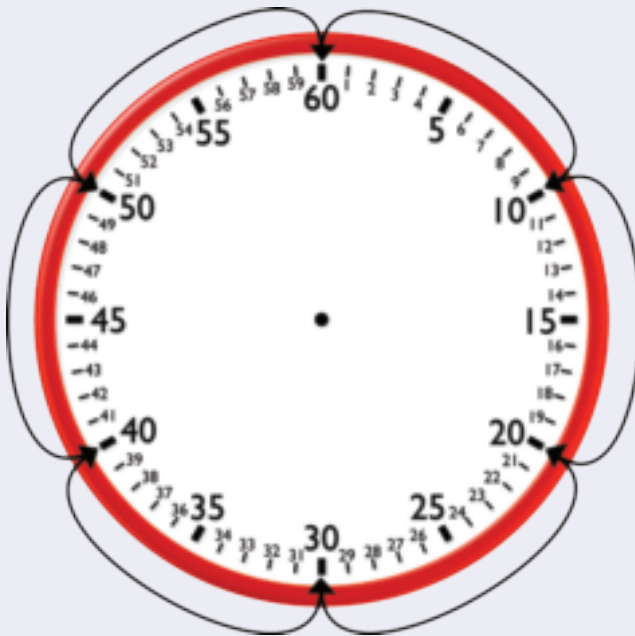
Lutsi lolufisha lusikhomba ema-awa.

Lutsi loludze lusikhomba imizuzu.

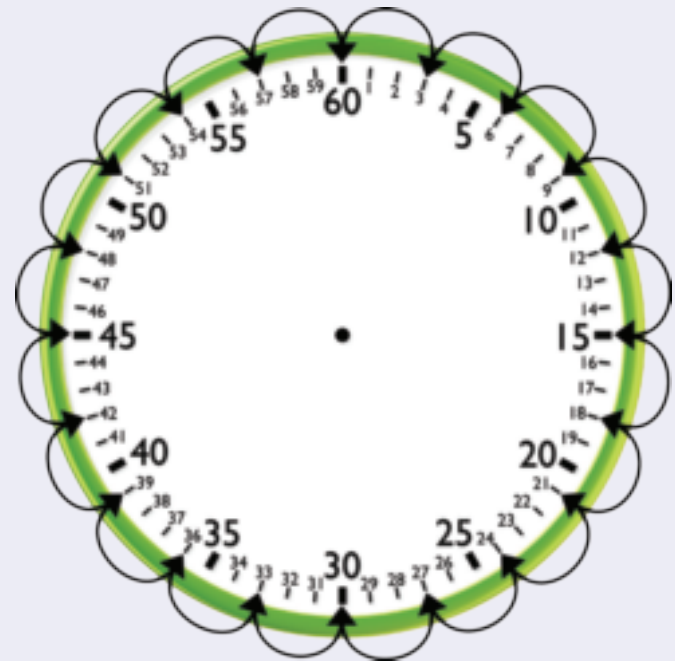
Lapha sibala imizuzu ngetihlanu.



Itsini iphethini? Bukisisa 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: _____

8la



Coca ngeliwashi.

Ema – awa nemizuzu

Lusuku:



Lutsi lolufisha lusikhomba kutsi sekushaye kwengca 3 wema-awa.

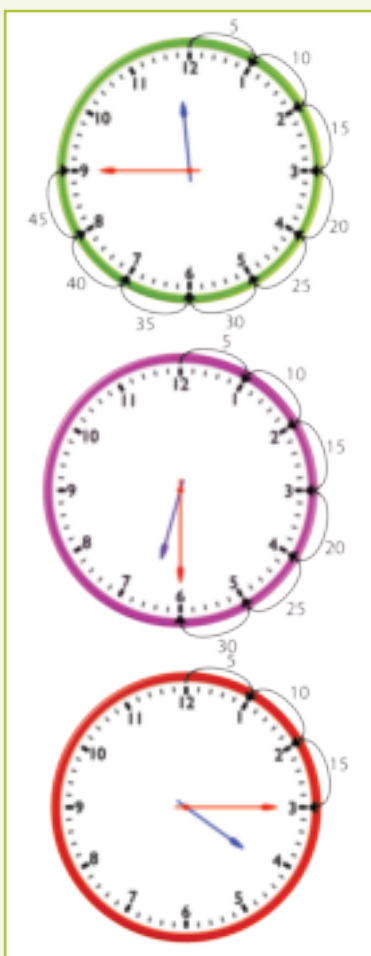
Lutsi loludze lusikhomba kutsi ngu 15 wemizuzu.

Loku sitsi ngu kota phasi 3.

Sisho kutsi yimizuzu lelishumi nesihlanu emva kwema-awa lama 3.
Imizuzu lelishumi-nanhlanu yikota yemizuzu lengemashumi-lasitfupha
(li-awa)



Ngubani sikhatsi?



Lutsi lolufisha lusikhombisa _____.

Lutsi loludze lusikhombisa _____.

Sitsi ngu _____.

Lutsi lolufisha lusikhombisa _____.

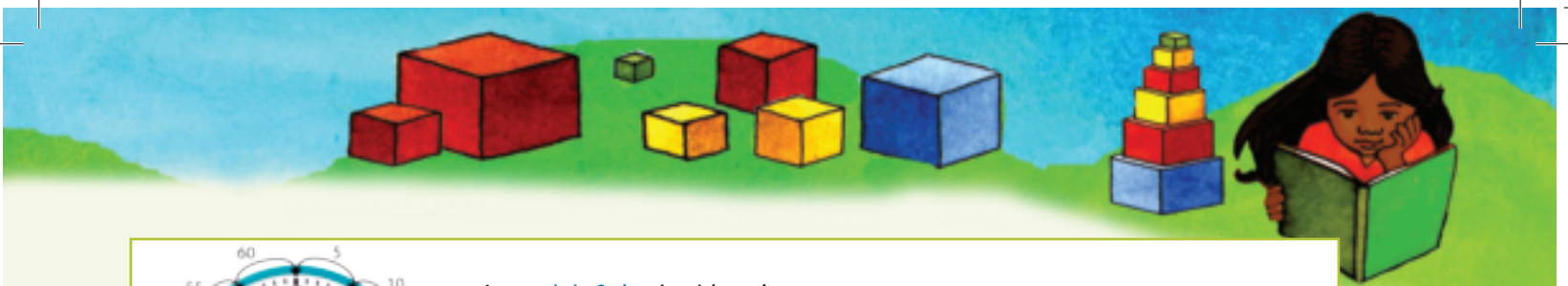
Lutsi loludze lusikhombisa _____.

Sitsi ngu _____.

Lutsi lolufisha lusikhombisa _____.

Lutsi loludze lusikhombisa _____.

Sitsi ngu _____.



Lutsi **lolufisha** lusikhombisa _____.

Lutsi **loludze** lusikhombisa _____.

Sitsi ngu _____.



Dvweba lutsi loludze nelutsi lolufisha.

Lishumi
nesihlanu
emva
kwe**yesibili**.



Igabence
insimbi
yem**fica**.



Yinsimbi
yelishumi
enhloko.



Lishumi
nesihlanu embi
kwe**yesitfupha**.



Uyaye wenteni i ngalesikhatsi emkhatsini neliviki? Dvweba sitfombe.

Lishumi nesihlanu emva kweyesiphohlono ekuseni.

Lishumi nesihlanu emva kweyesiphohlongo kusihlwa.



Teacher: _____

Sign: _____

Date: _____

Imizuzu nema-awa

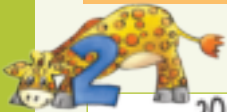
Lusuku:



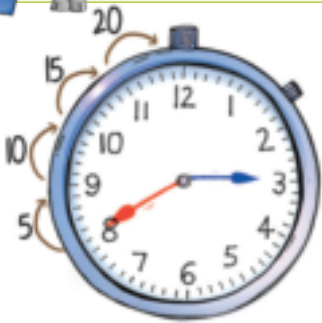
Coca ngeliwashi.

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.

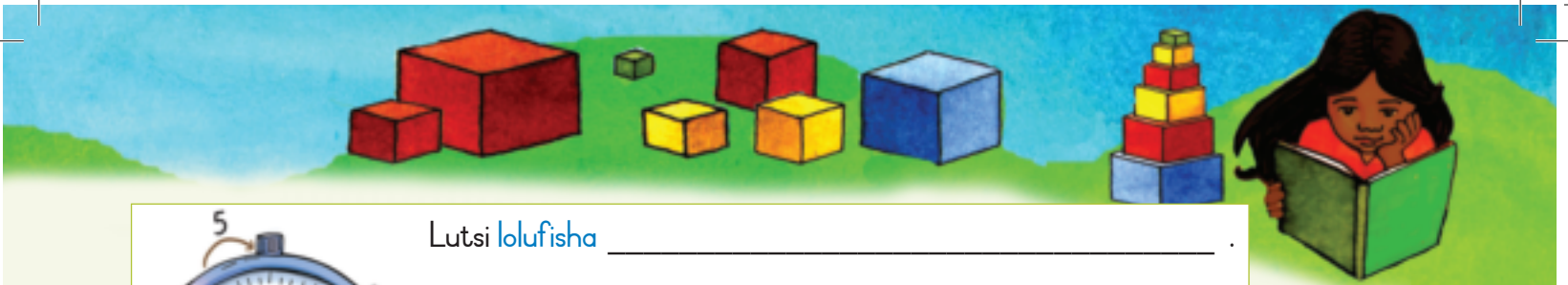
Sitsi ngu _____ ku _____.

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
emi kweyesiphohlongo.



Isihlanu embi kweyekucala.



Lishuminantsatfu embi
kweyesikhombisa.



Ingemashumi lamabili
emi kweyesitsatfu.



Ilishumi embi kweyesitfupha.



Lishuminambili embi
kweyeshuminambili.



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

Kuhlanganisa lokuphindziwe

Lusuku:

Ngina 3 wetikhwama
letina 2 emaswidi



Ngina 3 wetikhwama
letina 5 emaswidi ekhatsi.

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

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



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

Sibalo sekuphindzaphindza: $4 \times 2 = \underline{\quad}$

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.



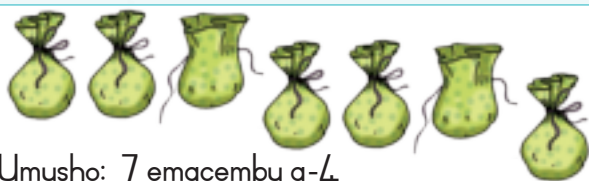
Umusho:

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:

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

Sibalo sekuphindzaphindza: $7 \times 4 = 28$



Umusho: _____

Sibalo sekuhlanganisa: _____

Sibalo sekuphindzaphindza: _____



Umusho: _____

Sibalo sekuhlanganisa: _____

Sibalo sekuphindzaphindza: _____



Umusho: _____

Sibalo sekuhlanganisa: _____

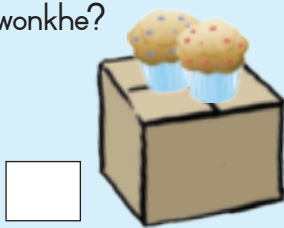
Sibalo sekuphindzaphindza: _____



Cedzela lelithebula lekuphindzaphindza.

×	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: _____



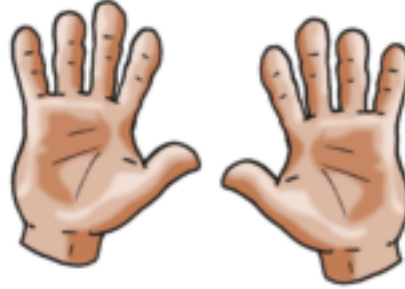
Phindzaphindza nga 5

Ithemu 3

Lunyawo lunye luna 5 wetintwane.



Sandla singe sina 5 weminwe.



Litsini linani selilonkhe letintwane?

Litsini linani selilonkhe leminwe?



Cedzela loku lokulandzelako:



×



=



Tintwane
elunyaweni
lunye

Tinyawo



×



=



Iminwe
esandleni
singe

Tandla



×



=

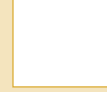


Tintwane
elunyaweni
lunye

Tinyawo



×

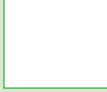


=

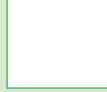


Iminwe
esandleni
singe

Tandla



×



=



Tintwane
elunyaweni
lunye

Tinyawo



×

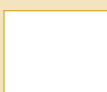


=

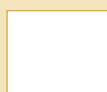


Iminwe
esandleni
singe

Tandla



×



=



Tintwane
elunyaweni
lunye

Tinyawo



×



=



Iminwe
esandleni
singe

Tandla



Cedzela loku lokulandzelako:

5	10	15							
---	----	----	--	--	--	--	--	--	--

50	45	40							
----	----	----	--	--	--	--	--	--	--



Cedzela loku lokulandzelako:

$5 \times$  $=$ emahhabhula	$4 \times$  $=$ bobhanana
$6 \times$  $=$ bobhanana	$7 \times$  $=$ emahhabhula



Cedzela loku lokulandzelako:

$15 \times 5 =$ $\begin{array}{ c c } \hline 1 & 0 \\ \hline \end{array} \begin{array}{ c } \hline 5 \\ \hline \end{array} \times 5$ $= \begin{array}{ c c } \hline 1 & 0 \\ \hline \end{array} + \begin{array}{ c } \hline 5 \\ \hline \end{array} \times 5$ $= \begin{array}{ c c } \hline 1 & 0 \\ \hline \end{array} \times 5 + \begin{array}{ c } \hline 5 \\ \hline \end{array} \times 5$ $= 50 + 25$ $= 75$ 	$12 \times 5 =$ $\begin{array}{ c c } \hline 1 & 0 \\ \hline \end{array} \begin{array}{ c } \hline 2 \\ \hline \end{array} \times 5$ $=$ $+$ $\times$ $=$ $\times$ $+$ $\times$ $=$ $+$ $=$
$14 \times 5 =$ $\begin{array}{ c c } \hline 1 & 0 \\ \hline \end{array} \begin{array}{ c } \hline 4 \\ \hline \end{array} \times 5$ $=$ $+$ $\times$ $=$ $\times$ $+$ $\times$ $=$ $+$ $=$	$13 \times 5 =$ $\begin{array}{ c c } \hline 1 & 0 \\ \hline \end{array} \begin{array}{ c } \hline 3 \\ \hline \end{array} \times 5$ $=$ $+$ $\times$ $=$ $\times$ $+$ $\times$ $=$ $+$ $=$

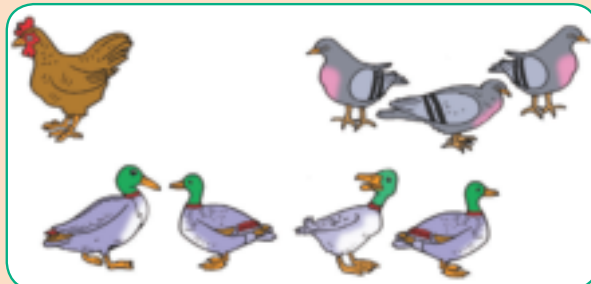


Teacher: _____
 Sign: _____
 Date: _____

Kuphinzaphindza

Lusuku:

Ithemu 3

Tonkhe tinyoni
tinetinyawo leti 2.Tonkhe tinyoni
tinetimphiko leti 2.Litsini linani letinyawo
setitonkhe kulesitfombe? Tingaki timphiko
setitonkhe kulesitfombe?

Buka lesitfombe ucedzele loku lokulandzelako.

ematuba



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

Linani
lematubaTinyawo
inyoni ngayinye

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

Linani
lematubaTinyawo
inyoni ngayinye

emadada



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

Linani
lemadadaTinyawo
inyoni ngayinye

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

Linani
lemadadaTinyawo
inyoni ngayinye

Cedzela loku lokulandzelako:

2	4	6							
20	18	16							



Cedzela loku lokulandzelako:

5 ×   = emahhabhula	4 ×   = bobhanana
6 ×   = bobhanana	7 ×   = emahhabhula



Cedzela loku lokulandzelako:

$$12 \times 2 = \square$$

$$10 + 2 \times 2$$

$$= 10 + 2 \times 2$$

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

$$= 20 + 4$$

$$= 24$$

$$15 \times 2 = \square$$

$$10 + 5 \times 2$$

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

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

$$= \square + \square$$

$$= \square$$



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

noma

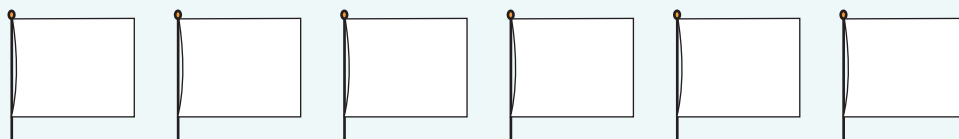
$$4 \times 2 = 8$$

noma

$$8 \div 2 = 4$$

Lolu luphawu
lwekwehlukana.

Dvweba 2 wetinkhanyeti kumjeka ngamunye.



$$2 + _ + _ + _ + _ + _ = _$$

$$_ \times _ = _$$



Mangaki emabhuloki kuletibhelekeca taboshokholethi?

$$_ \times _ = _$$

$$_ \times _ = _$$



Teacher:

Sign:

Date:

85a

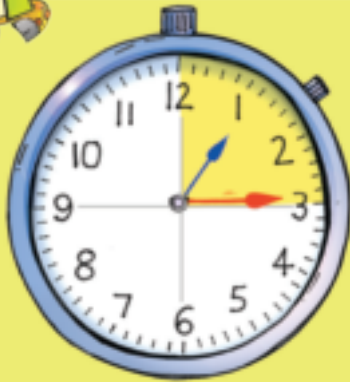
Ikota emva kwa ...

Lusuku:

Ithemu 3



Coca ngeliwashi.



Lutsi lolufisha lusandza kwengca yekucala.

Lutsi loludze lume etu kwemizuzu lelishumi nesihlanu.

Sitsi ngukota phasi I.

Sisho kutsi yikota yeli-awa (15 imizuzu) emva kweli-awa lekucala.



Ngubani sikhatsi?



Lutsi lolufisha lusandza kwengca _____.

Lutsi loludze lume etu kwa _____ wimizuzu.

Sitsi ngu _____ phasi _____.



Dvweba lutsi loludze nelutsi lolufisha.

Kota phasi 8.



Kota phasi 3.



Ikota embi kwe ...



Coca ngeliwashi.



Lutsi lolufisha lume nje embi kweyesitsatfu.

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.



85b

Sikhatsi siyahamba

Lusuku:

Ithemu 3

2 ema-awa

2 ema-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. Ebehambe ema-awa lamangaki?



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



Imphindza-mbili

Lusuku:

Ithemu 3



Bukisisa lesitfombe sekucala nesesibili. Yini leyentekile?

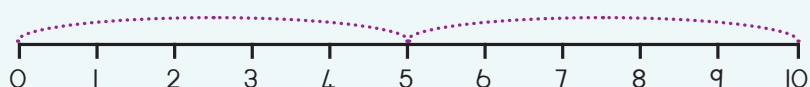
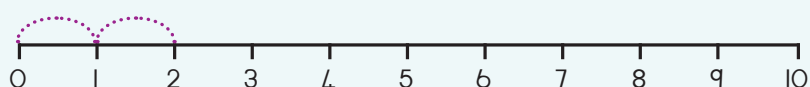
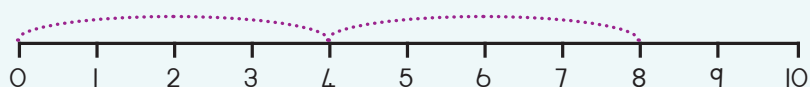
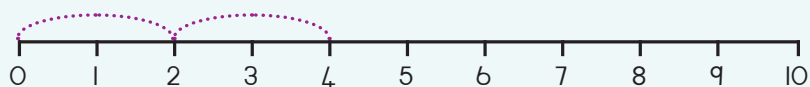
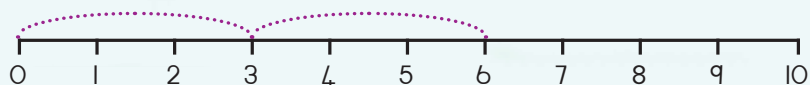


Yengeta emacashata, bese ubhala sibalo sakunye.

		+ =
		+ =
		+ =
		+ =
		+ =



Sebentisa imigca-nombolo kubhala sibalo.



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

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

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

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

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



Phindza loku lokulandzelako.

Phindza kabili 1

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

Phindza kabili 2

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

Phindza kabili 3

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

Phindza kabili 4

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

Phindza kabili 5

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

$$2 \times \square = \square$$

$$2 \times \square = \square$$

$$2 \times \square = \square$$

$$2 \times \square = \square$$

$$2 \times \square = \square$$



2 4 6 8 10 12 14

Teacher:

Sign:

Date:

11

12

13

14

15

16

17

18

19

20

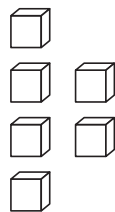
Kuphindza kabili nekuhhafu

Lusuku:

Buka letitfombe letimbili. Yenta yakakho indzaba.

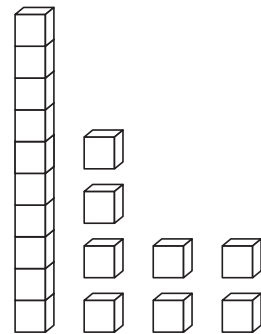


Bala letintfo bese ufaka umbala kuhhafu wato.



Bala

Bohhafu



Bala

Bohhafu



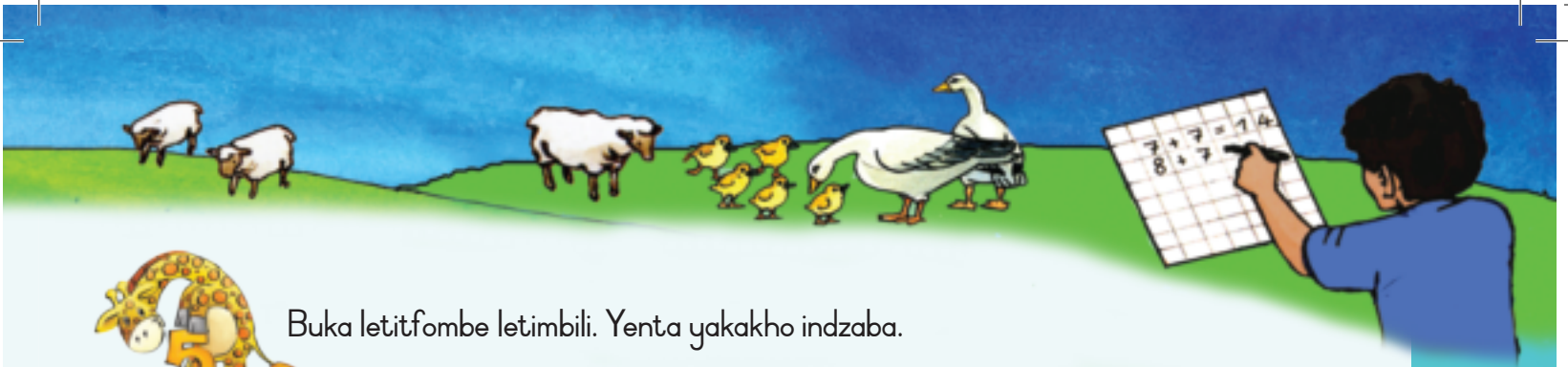
Cedzela loku lokulandzelako bese wenta umdvwebo.

Imphindza-mbili
ya 12 ngu

 +


Cedzela.

14	8		16	
		2		9



Buka letitfombe letimbili. Yenta yakakho indzaba.



Kuna IO 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			36	40
	22	19		

Teacher:

Sign:

Date:

Siyachubeka ngekuphindzaphindza

Lusuku:

Tonkhe letilwane tinemilente lemi-4.

Tonkhe tilwane tinemehlo lamai-2.

Litsini linani selionkhe
lemilente kulesitfombe?
Litsini linani selionkhe
lemadlebe kulesitfombe?


Tinja

Buka lesitfombe bese ucedzela loku lokulandzelako:

	×		=	
Linani letinja		Imilente silwane ngasinye		

	×		=	
Linani letinja		Emehlo silwane ngasinye		

Tilwane tasendle



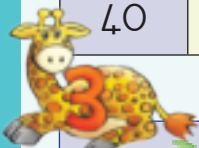
	×		=	
Linani letilwane		Imilente silwane ngasinye		

	×		=	
Linani letilwane		Emadlebe silwane ngasinye		

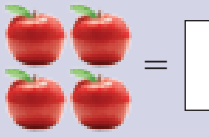
Cedzela loku lokulandzelako:

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

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



Cedzela loku lokulandzelako:

$5 \times$  $=$ emahhabhula	$4 \times$  $=$ bobhanana
$6 \times$  $=$ bobhanana	$7 \times$  $=$ emahhabhula



Cedzela loku lokulandzelako:

$$\begin{aligned}
 14 \times 4 &= \square \\
 10 &+ 4 \times 4 \\
 &= 10 + 4 \times 4 \\
 &= 10 \times 4 + 4 \times 4 \\
 &= 40 + 16 \\
 &= 56
 \end{aligned}$$

$$\begin{aligned}
 15 \times 4 &= \square \\
 10 &+ 5 \times 4 \\
 &= \square + \square \times \square \\
 &= \square \times \square + \square \times \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$



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



Cedzela loku lokulandzelako:

Yaba 19 wetimabula ngekulingana emkhatsini wa 4 webantfwana.

Umntfwana ngamunye utfola
Umsalela

Yaba 22 wemapeniseli ngekulingana emkhatsini wa 4 webantfwana.

Umntfwana ngamunye utfola
Umsalela



Dvweba titfombe kukhombisa timphendvulo takho.

Yaba 23 wetincwadzi emkhatsini wa 4 webantfwana.

Umntfwana ngamunye utfola
Umsalela

Yaba 15 wetincwadzi emkhatsini wa 4 webantfwana.

Umntfwana ngamunye utfola
Umsalela



Teacher: _____
Sign: _____
Date: _____

Emaphethini etinombolo

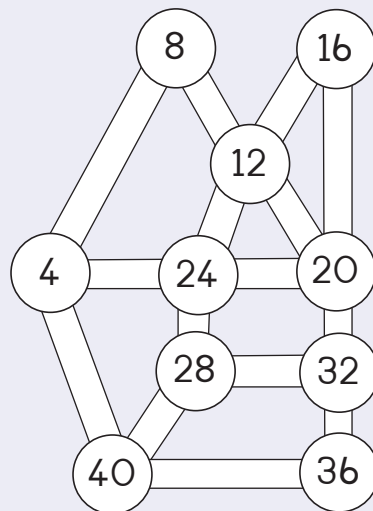
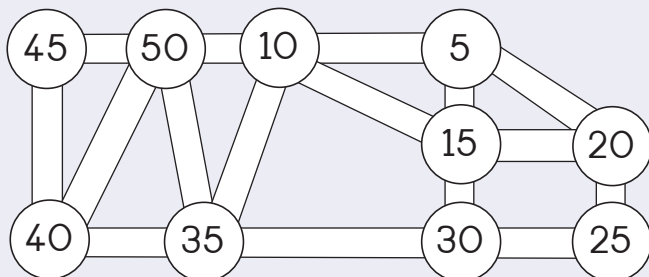
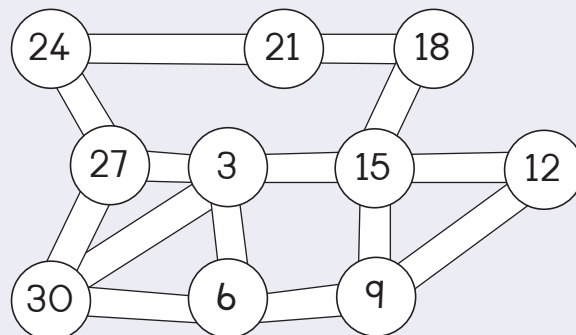
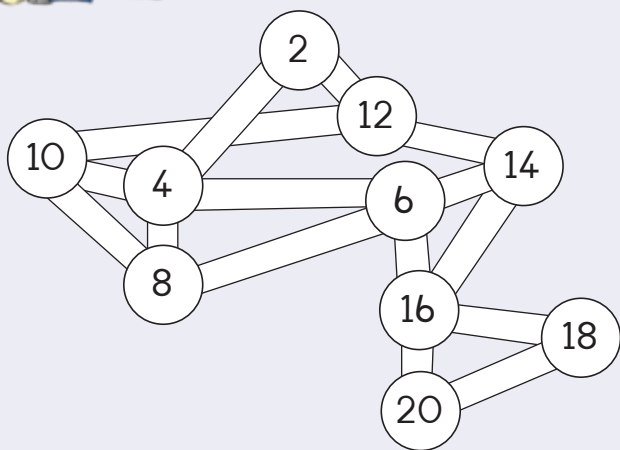
Lusuku:

Ithemu 3

Itaba yini inombolo ekhasini lelandzelako?

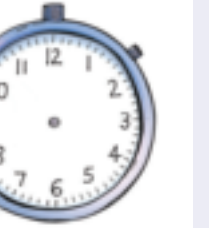
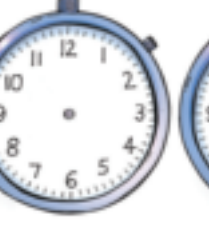
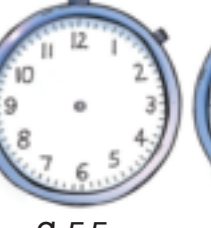
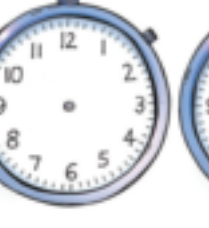
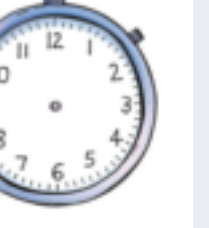
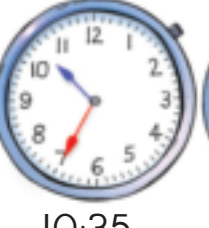
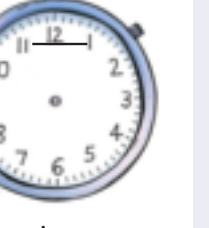
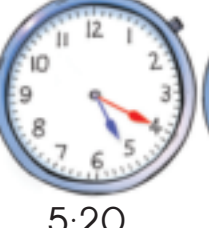
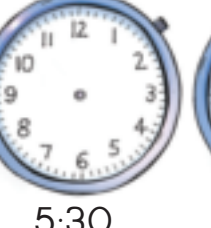
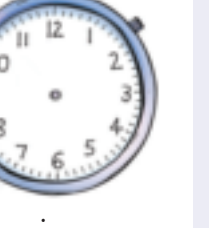


Tfola lephethini. Dvweba lendlala, ucale ngenombolo lencane kakhulu.





Dvweba 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

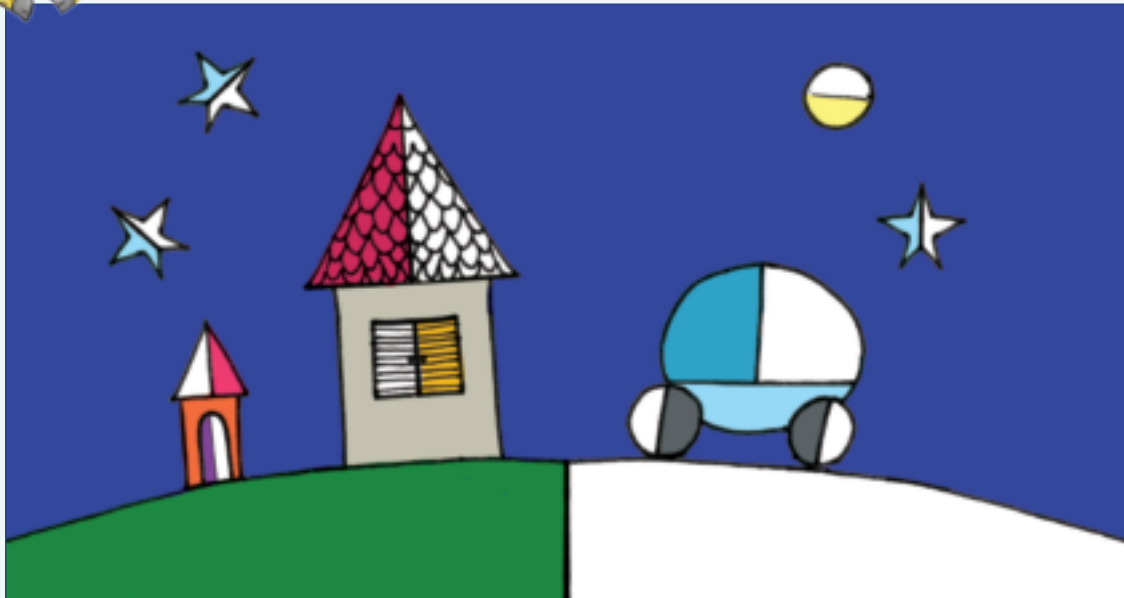


Lusuku:

Emafrakishini – boh hafu



Buka lesitfombe. Faka umbala munye kubohhafu ngabanye.



Buka lesitfombe. Faka luphawu ✓ kulabobunjwa labakhombisa boh hafu. Faka umbala kuh hafu munye wabunjwa ngamunye lohlukaniswe ngaboh hafu.

Ithemu 3



Faka umbala kuhhafu ngamunye kulabobunjwa.



Faka umbala kuhhafu wetilwane esibayeni ngasinge.

hhafu hhafu hhafu

Teacher:

Sign:

Date:



Emafrakishini – siyachubeka ngekuphindzaphindza

Lusuku:

Ithemu 3



Buka lesitfombe. Usho kutsini ihhafu yinye?



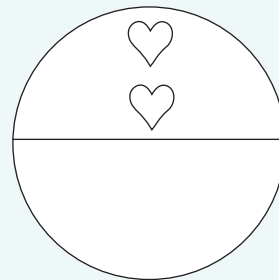
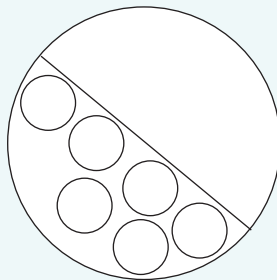
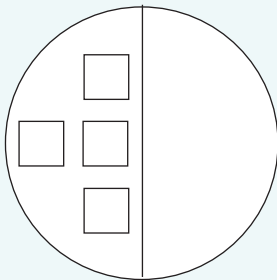
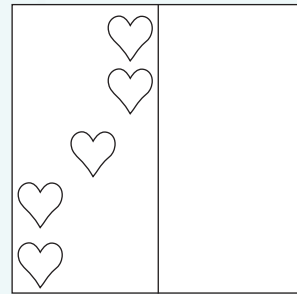
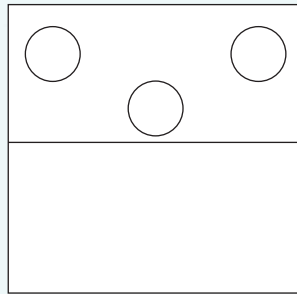
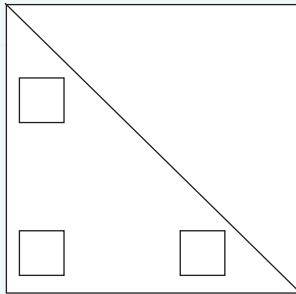
Ihhafu yinye yemahhabhula esihlahleni ngu .



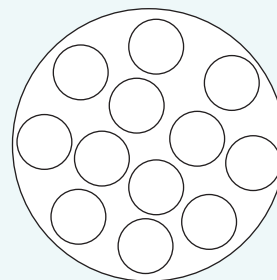
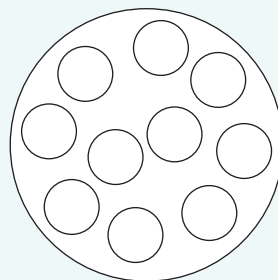
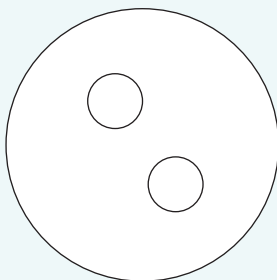
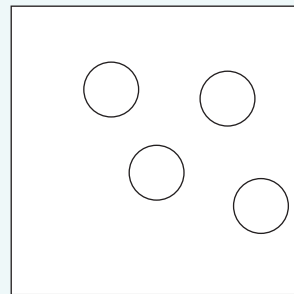
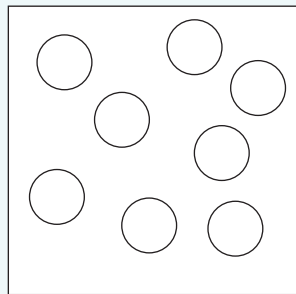
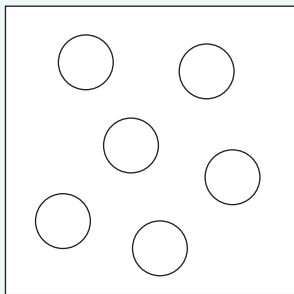
Faka umbala kuhhafu wesitselo esibayeni ngasinye.
Uyini hhafu welinani letitselo esibayeni ngasinye?



Dvweba lona lomunye hhafu.



Faka umbala kuhhafu wabobunjwa.



hhafu hhafu hhafu



Teacher: _____
Sign: _____
Date: _____

Sikhundla nelicala

Lusuku:

Ime kuphi lenyoni? Lamagama atakusita.



Licala langembili lesakhiwo.



Licala laseceleni lesakhiwo.



Licala langetulu lesakhiwo.



Lomuntfu bekeme kuphi nakabona loku?

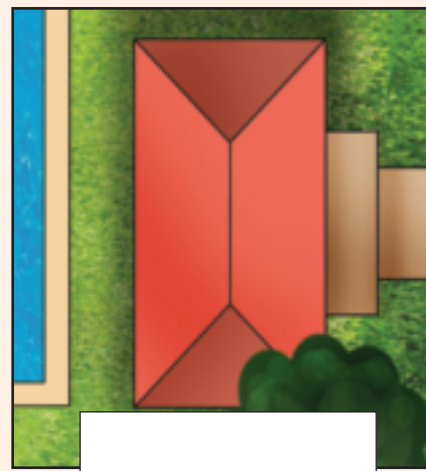
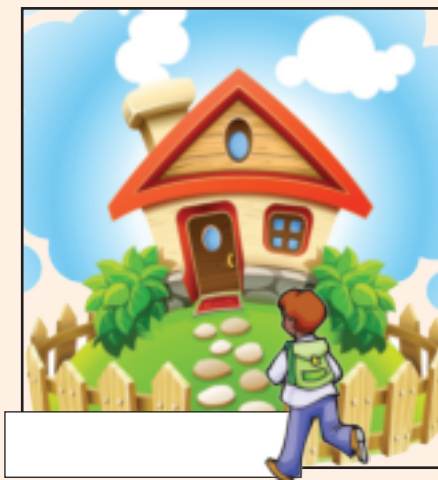


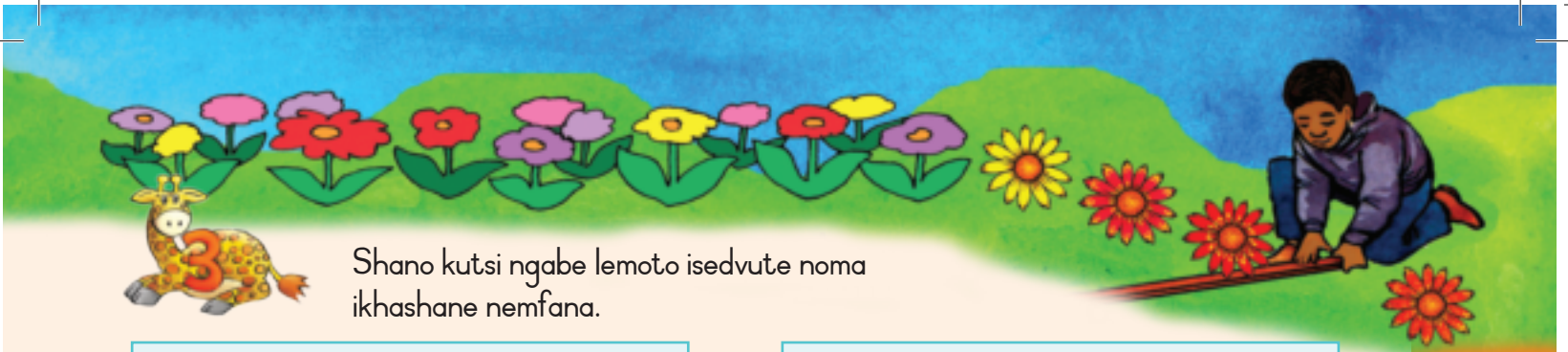
Bhala lamagama esitfombeni. Ubonani lomuntfu?

licala langembili

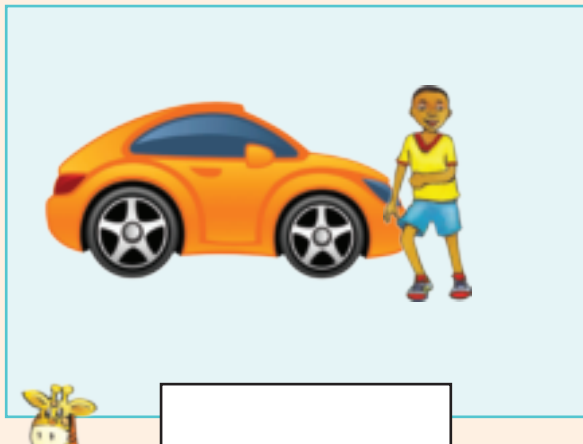
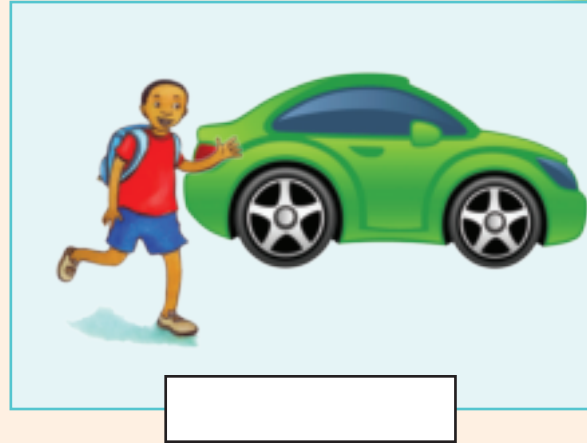
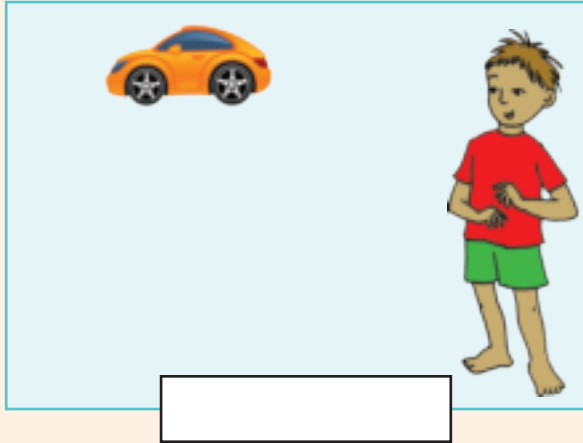
licala langetulu

licala laseceleni

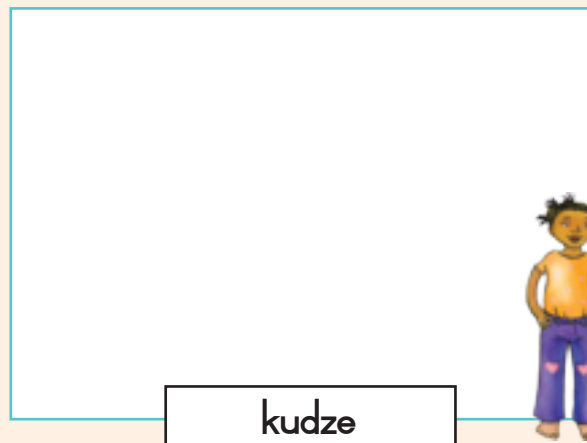




Shano kutsi ngabe lemoto isedvute noma ikhashane nemfana.



Dvweba sihlahla madvute nakudze nalentfombatana.



madvute

kudze



Yenta lomsebenti:

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

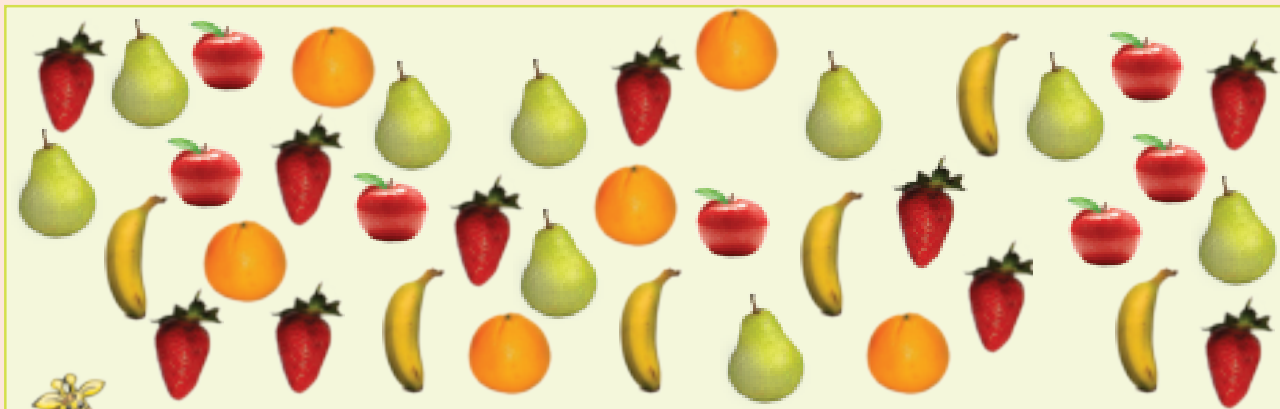


Teacher: _____
Sign: _____
Date: _____

Imininingwane siyachubeka futsi

Lusuku:

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:

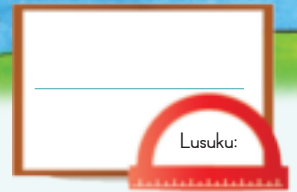
Ngusiphi sitselo lesinaso kakhudlwana?

Ngusiphi sitselo lesinaso kancane?





Teacher:
Sign:
Date:



Emafrakishini – emakota



Faka umbala lofanako ekoteni yekugcina.



Faka luphawu (✓) kulabobunjwa labakhombisa emakota.

Faka umbala ekoteni yinye yabunjwa ngamunye lohlukaniswe ngemakota.

 ☐	 ☐	 ☐	 ☐
 ☐	 ☐	 ☐	 ☐
 ☐	 ☐	 ☐	 ☐



Faka umbala ekoteni yabunjiwa ngamunye.



Faka umbala ekoteni yesicumbi ngasinye setilwane.



ikota ikota ikota



Teacher: _____
Sign: _____
Date: _____

Emafrakishini – siyachubeka ngemakota

Lusuku:



Faka umbala lofanako ekoteni yekugcina.



Phendvula lemibuto lelandzelako:

ikota yinye yemapheya esihlahleni ngu _____.

ikota yinye yemahhabhula esihlahleni ngu _____.

ikota yinye yema-orintji esihlahleni ngu _____.



Faka umbala kukota yinye yesitselo kulelo nalelo cembu.
Iyini ikota yelinani letitselo esicumbini ngasinye?



Dvweba bobunjwa labanye kwenta ikota ngayinye ilingane nalamanye.



Khombisa ikota yinye yabunjwa ngamunye.

--	--



Nguyiphi lenkhudlwana? Faka luphawu (✓) emphendvulweni lengiyo.

	☐		☐	ihhafu yinye ☐
	☐		☐	ikota yinye ☐



ikota emakota

Teacher: _____
Sign: _____
Date: _____

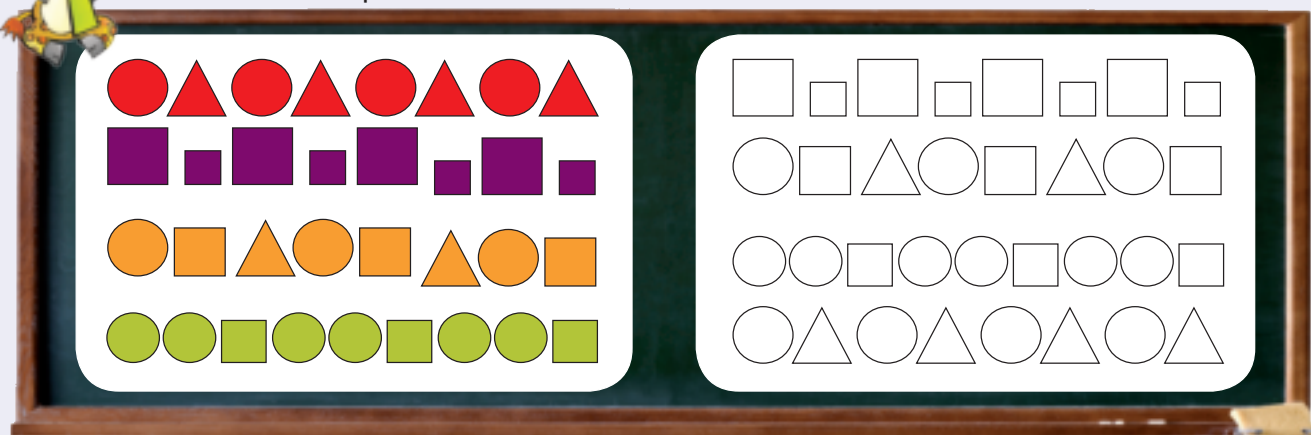


Emaphethini etinombolo nabobunjwa

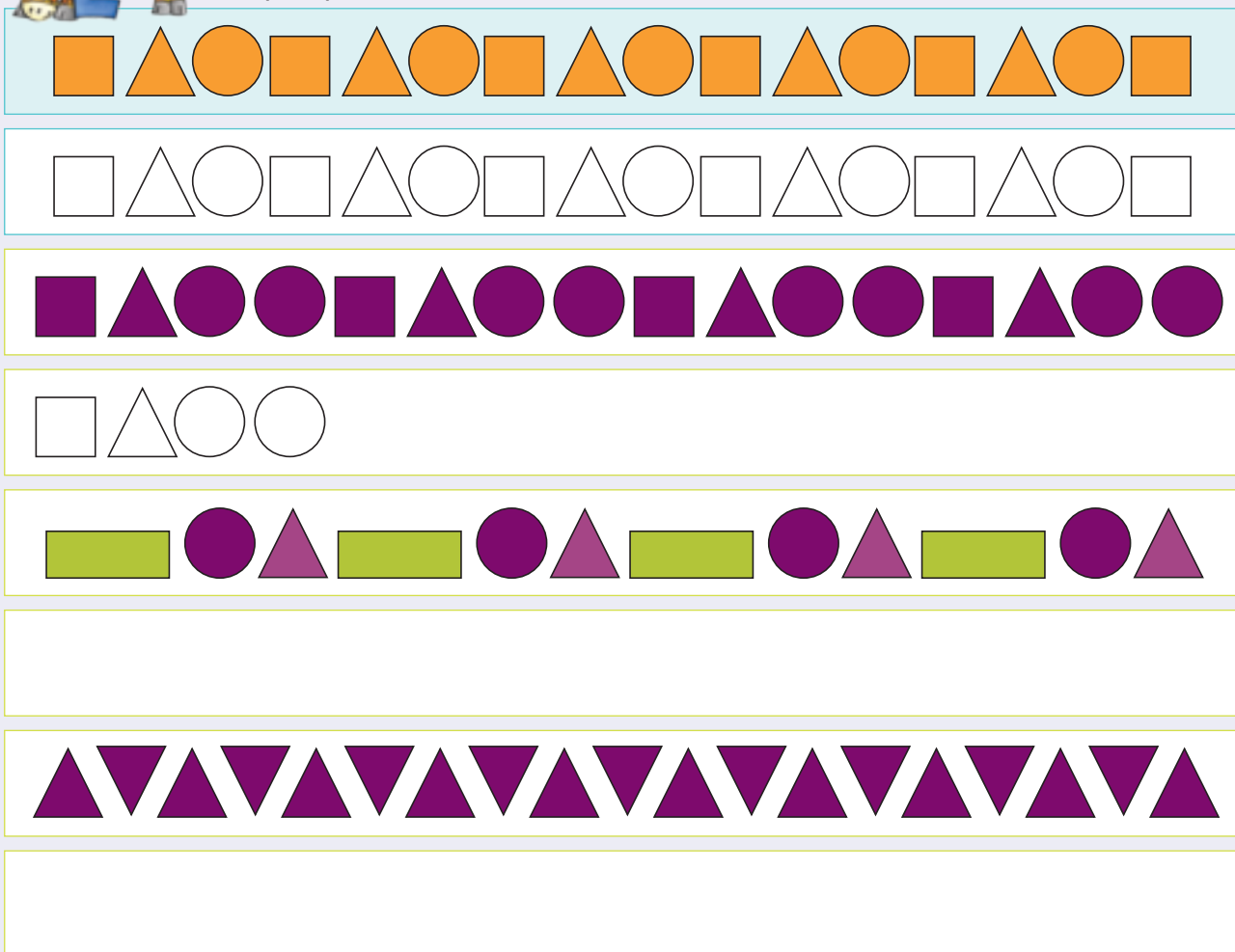
Lusuku:

Ithemu 3

Condzanisa lephethini.

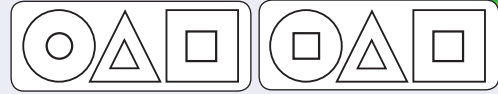


Kopa lephethini lelandzelako.





Faka umbala kulephethini lelandzelako.



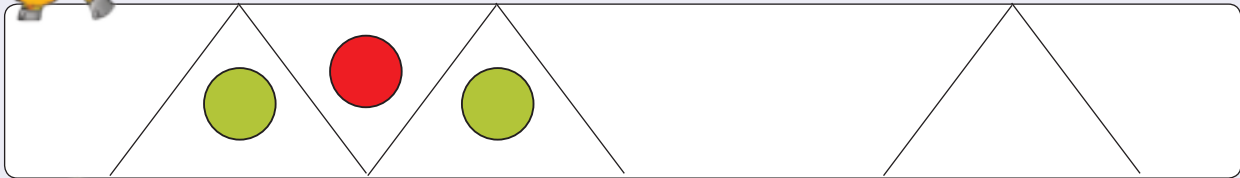
Dvweba iphethini lelandzelako.



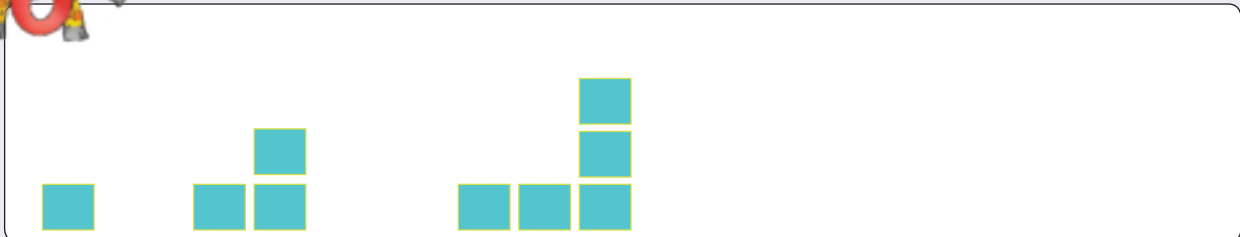




Chubekisa lephethini.



Dvweba iphethini lelandzelako.



Dvweba yakakho iphethini.



Teacher: _____
Sign: _____
Date: _____

Kuhlunga imininingwane

Lusuku:



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













Dvweba sitfombe-mdvwebo wesimo selitulu sakho lesihlungiwe.

INKHOMBA:



Buka letinkhomba bese uphendvula lemibuto. Phendvula lemibuto lelandzelako:

Sibe netinsuku letinengi letibalele noma tibe tinengi letisibekele?

Ucabanga kutsi ngusiphi sikhatsi semnyaka lesi?

Usho ngani?

Ngabe lesimo sitawufana kuto tonkhe tifundza yini?



Teacher:

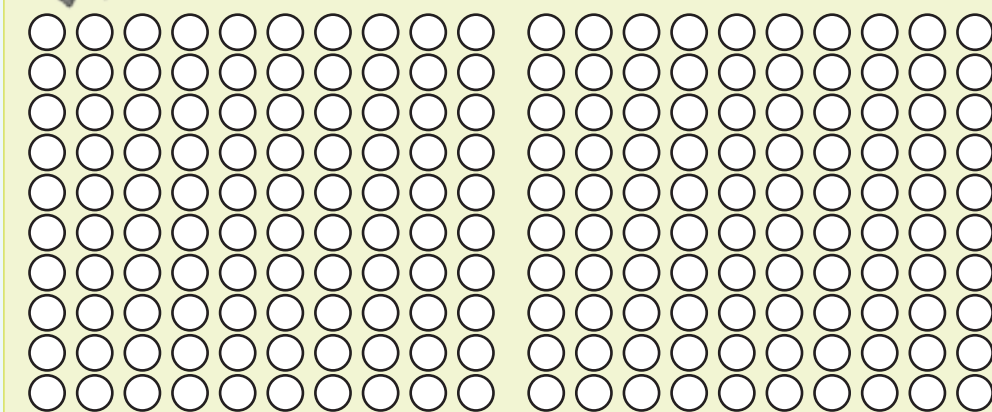
Sign:

Date:

Tinombolo 150 – 180

Lusuku:

Faka umbala ku 172 wetindilinga.



1 0 0

7 0

2



Bhala umusho nombolo wa:

1	0	0
	5	0
		8

$$100 + 50 + 8 = 158$$



1	0	0
	5	0
		9

=

1	0	0
	7	0
		2

=

1	0	0
	5	0

=

1	0	0
	6	0
		7

=

1	0	0
		5

=



Ngutiphi tinombolo letita emkhatsini:

150 na 158

172 na 177

180 na 175

160 na 155

165 na 160



Niketa tinombolo tibe timbili letingephasana natimbili letingetulu kwalenombolo leniketiwe.

Ngaphasi	Inombolo	Ngetulu
	157	
	165	
	178	
	161	
	174	



Cedzela lemigca-tinombolo:

150	151		153			156				160
-----	-----	--	-----	--	--	-----	--	--	--	-----

180	179	178								
-----	-----	-----	--	--	--	--	--	--	--	--

166	167					172			175	176
-----	-----	--	--	--	--	-----	--	--	-----	-----



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



Teacher: _____

Sign: _____

Date: _____



Lusuku:

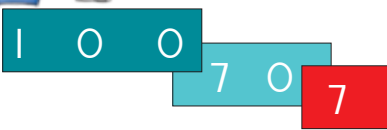
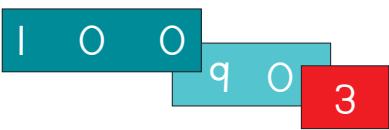
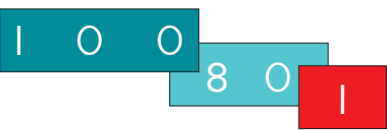
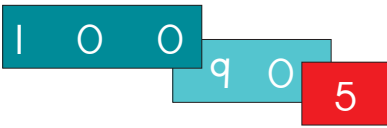
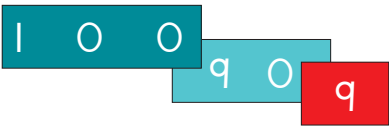
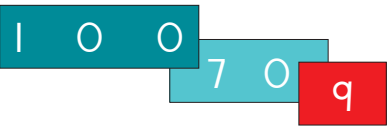
Inombolo 170 – 200



Faka umbala ku 199 wetindilinga.



Bhala inombolo ya:

 $100 + 70 + 7$ $= 177$ 	 $=$	 $=$
 $=$	 $=$	 $=$



Ngutiphi tinombolo letita emkhatsini wa:

170 na 175

198 na 195

180 na 175

168 na 173

200 na 196

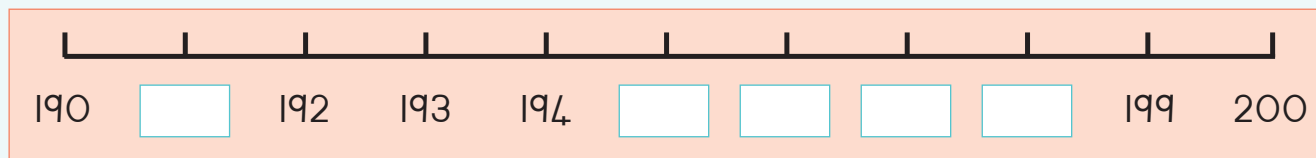
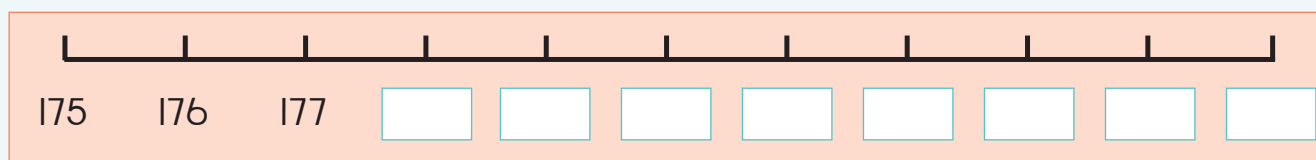
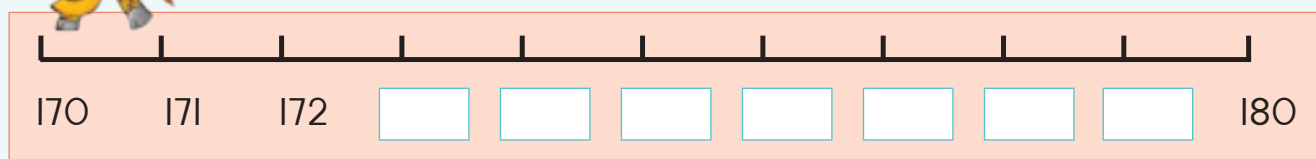


Niketa tinombolo tibe timbili letingephasana natimbili
letingetulu kwalenombolo leniketiwe.

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:

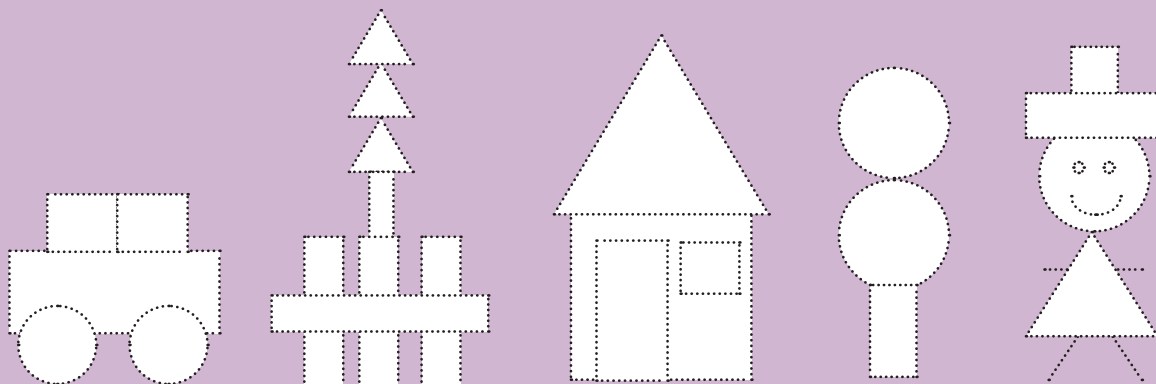
qq

Bobunjwa be 2-D

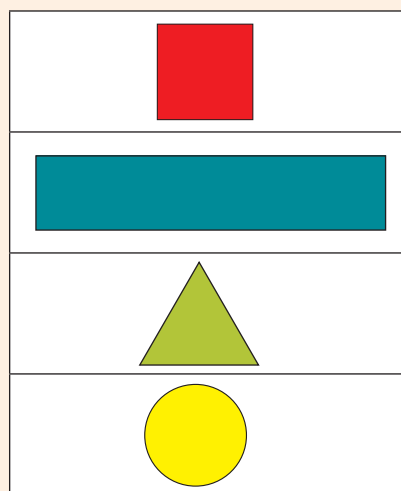
Lusuku:

Ithemu 4

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



Faka ligama lihambisane nabunjwa.



calantsatfu

indilinga

sikwele

calandze

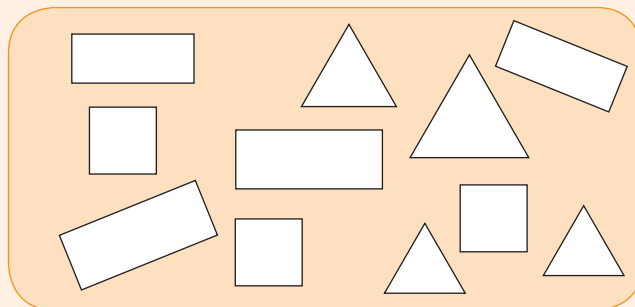
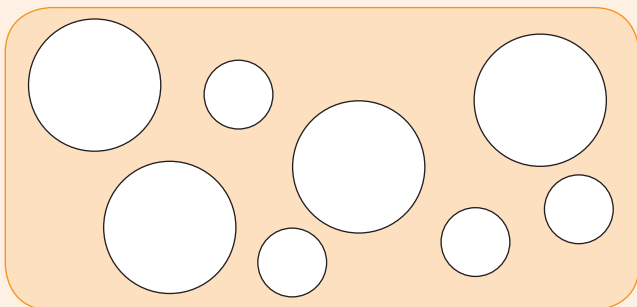


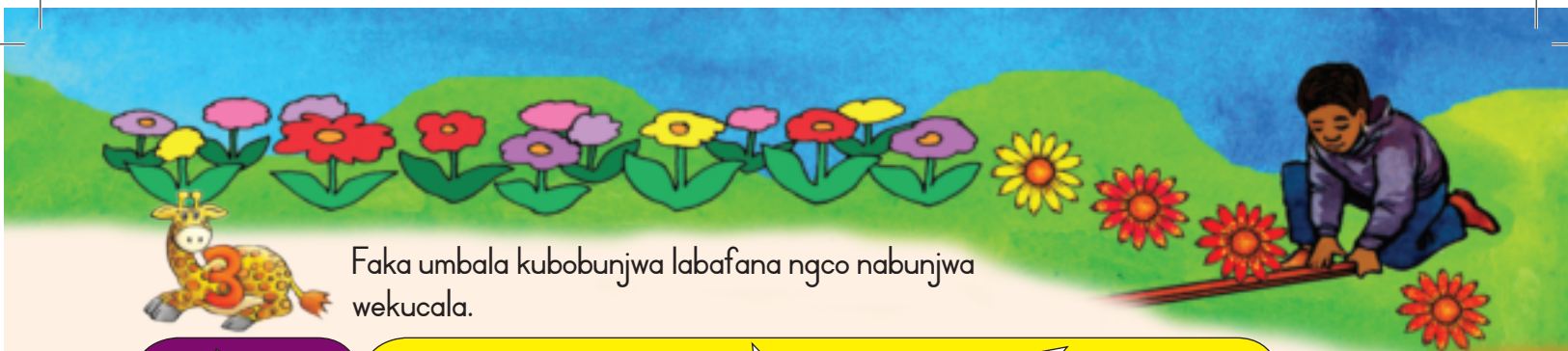
Faka umbala:

- Lobovu tindilinga letinkhulu
- Lomtfubi tindilinga letincane

Faka umbala:

- Lobovu bocalandze labakhulu
- Lomtfubi bocalandze labancane





Faka umbala kubobunjwa labafana ngco nabunjwa wekucala.



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

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



Teacher: _____
Sign: _____
Date: _____

100

Tinombolo 0 – 200

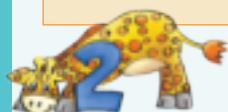
Lusuku:

Ithemu 4



Tingaki tinombolo letehlukene longatakha?

1 0 0	4 0	2
9	5 0	1 0 0
2 0	1	7 0
		8



Cedzela loku lokulandzelako.

1 0 0 4 0 9 $100 + 40 + 9 = \square$	1 0 0 7 0 3 $100 + 70 + 3 = \square$	1 0 0 2 0 8 $100 + 20 + 8 = \square$
1 0 0 1 0 7 $100 + 10 + 7 = \square$	1 0 0 9 0 2 $100 + 90 + 2 = \square$	



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

181 =		+		+	
144 =		+		+	
135 =		+		+	
156 =		+		+	
169 =		+		+	



Hlanganisa loku lokulandzelako:

$$60 + 4 = \square$$

$$100 + 20 + 3 = \square$$

$$90 + 8 = \square$$

$$100 + 40 + 9 = \square$$

$$40 + 7 = \square$$

$$100 + 70 + 8 = \square$$

$$30 + 6 = \square$$

$$100 + 60 + 1 = \square$$

$$50 + 2 = \square$$

$$100 + 50 + 5 = \square$$

Gcwalisa lenombolo leshiyekile:

$$70 + \square = 71$$

$$100 + \square + 3 = 153$$

$$30 + \square = 38$$

$$100 + \square + 9 = 169$$

$$60 + \square = 69$$

$$\square + 70 + 8 = 178$$

$$20 + \square = 24$$

$$100 + \square + 1 = 191$$

$$80 + \square = 85$$

$$100 + 50 + \square = 157$$



Yakha takho tibalo usebentisa emakhulu, emashumi nabonhlavunye.

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

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



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

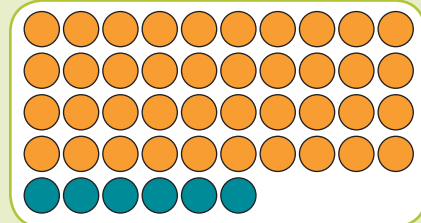
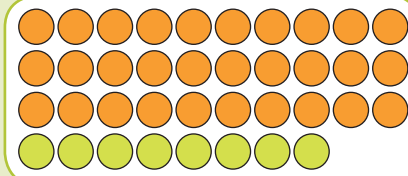
Teacher: _____
Sign: _____
Date: _____

Kuhlanganisa nekususa

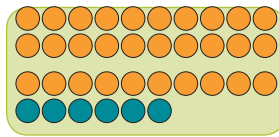
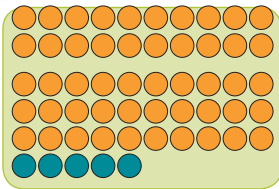
Lusuku:

Bukani lelibhodi-tinombolo nebuhlalu. Cocisanani ngalo.

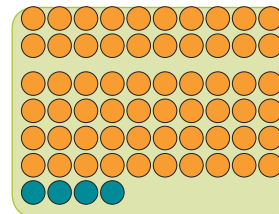
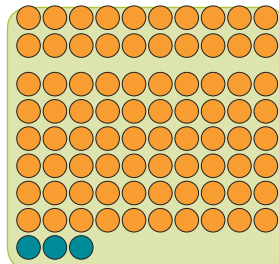
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



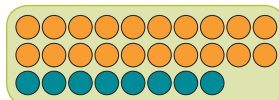
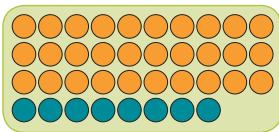
Hlanganisa noma ususe buhlalu.



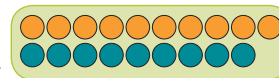
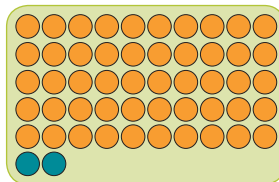
$$\begin{aligned}
 & 50 + 5 - 30 - 6 \\
 &= 40 + 15 - 30 - 6 \\
 &= 10 + 9 \\
 &= 19
 \end{aligned}$$



$$\begin{aligned}
 & \square + \square - \square - \square \\
 &= \square + \square - \square - \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$



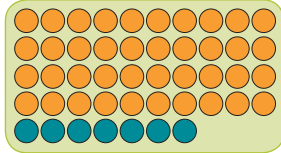
$$\begin{aligned}
 & \square + \square + \square + \square \\
 &= \square + \square + \square + \square \\
 &= \square + \square + \square + \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$



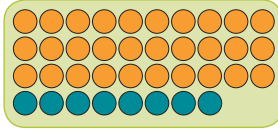
$$\begin{aligned}
 & \square + \square + \square + \square \\
 &= \square + \square + \square + \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$



Yenta silinganiso bese uyabala.

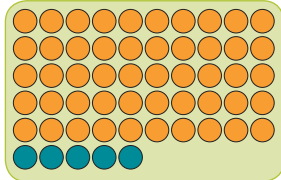


+

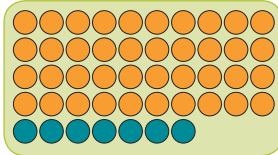


Yenta silinganiso

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?



Teacher: _____
Sign: _____
Date: _____



Kuhlanganisa nekususa njalo

Ithemu 4



Buka le-abhakhasi ngesancele nese kudla. Ubonani?

2 0

8

=

6 0

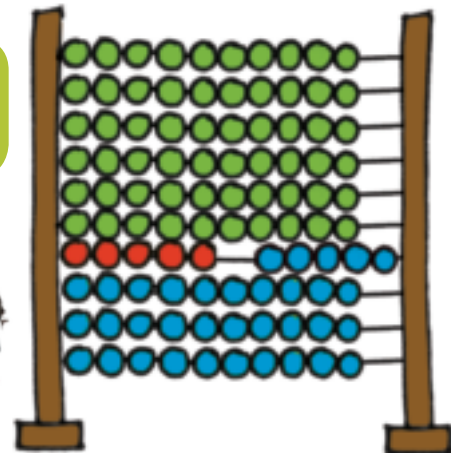
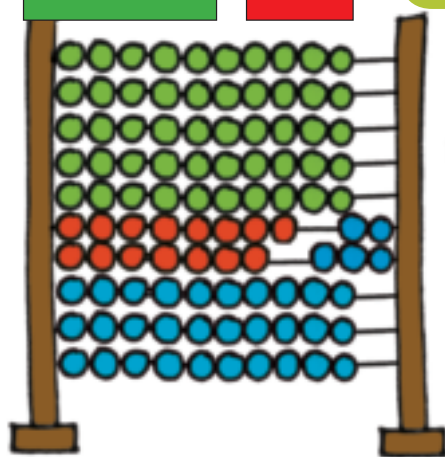
5

3 0

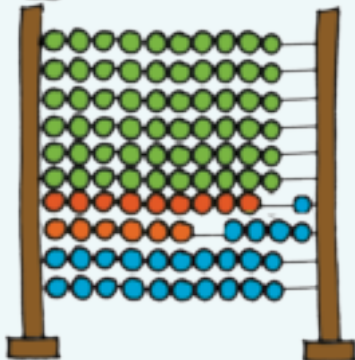
7

Hlanganisa
letinombolo letimbili.

Ilingana
na?

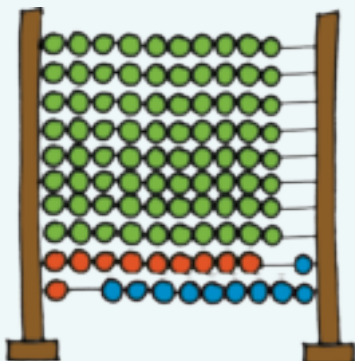


Bhala sibalo sekuhlanganisa nekususa. Bala.



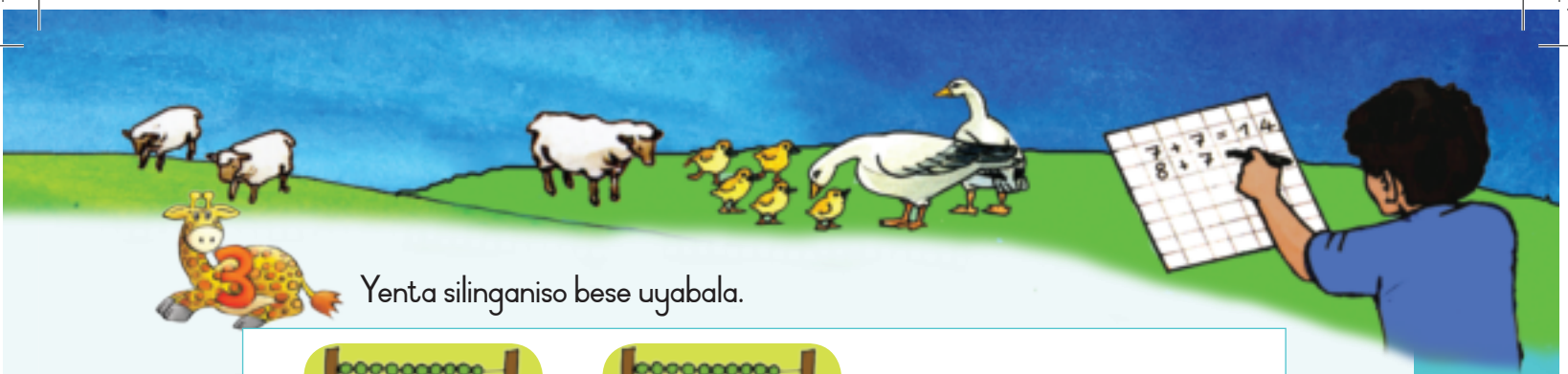
Sibalo sekuhlanganisa

Sibalo sekususa

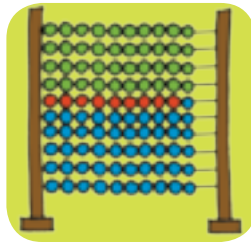


Sibalo sekuhlanganisa

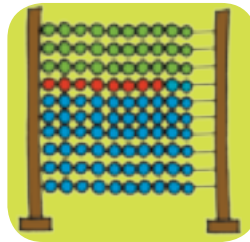
Sibalo sekususa



Yenta silinganiso bese uyabala.

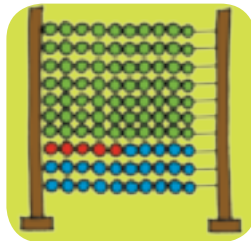


+

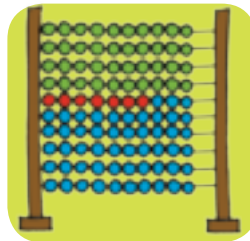


Yenta silinganiso

Bala

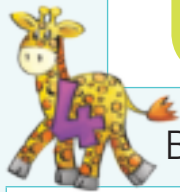


-



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.



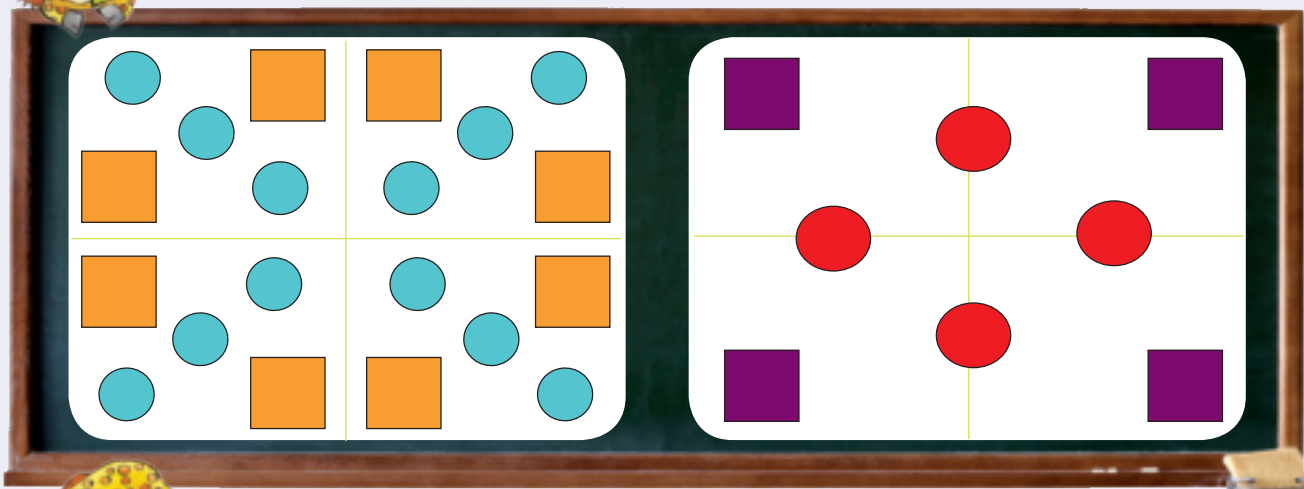
Teacher: _____
Sign: _____
Date: _____

Siyachubeka ngemaphethini

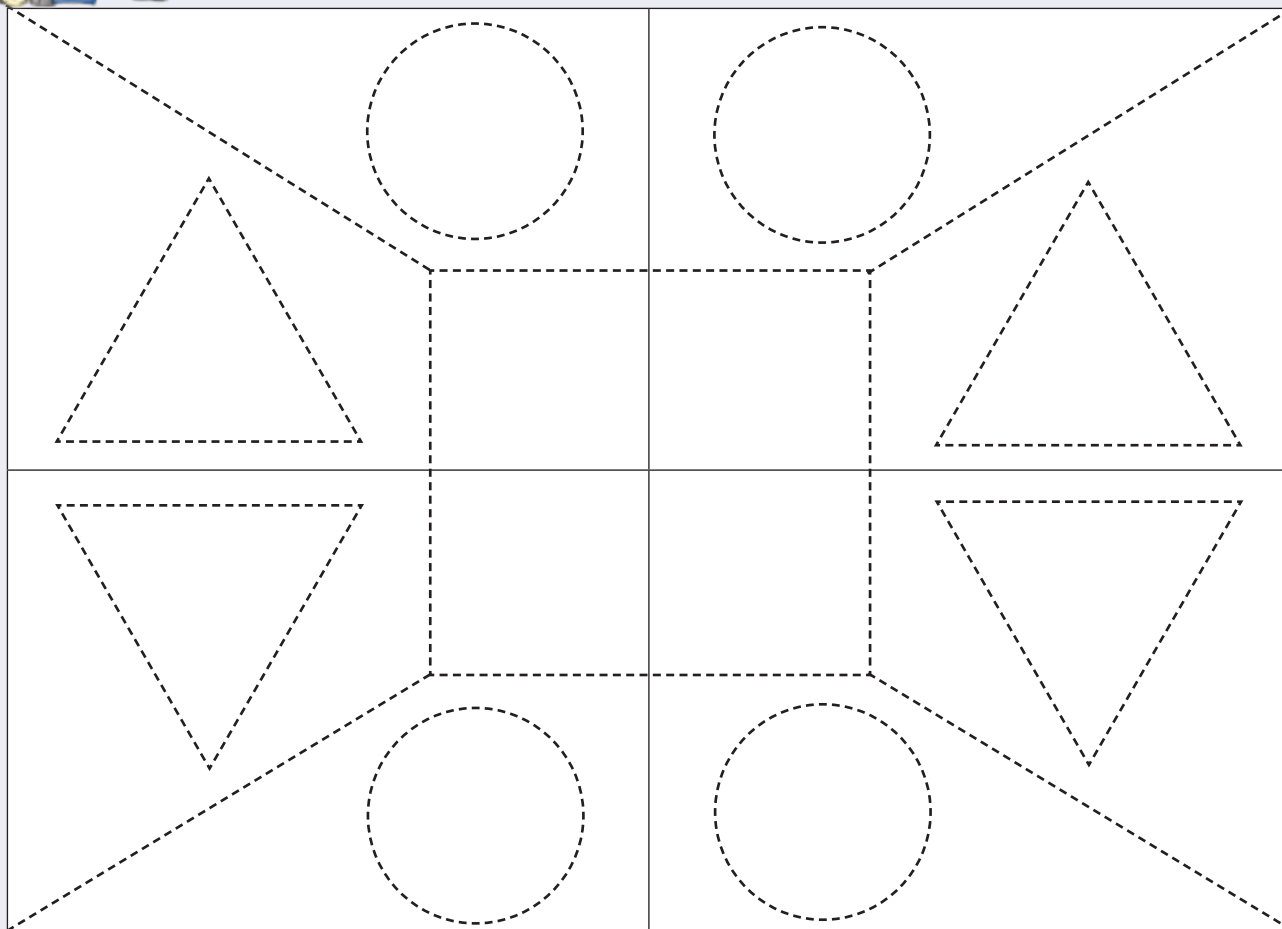
Lusuku:

Ithemu 4

Chaza lephethini.

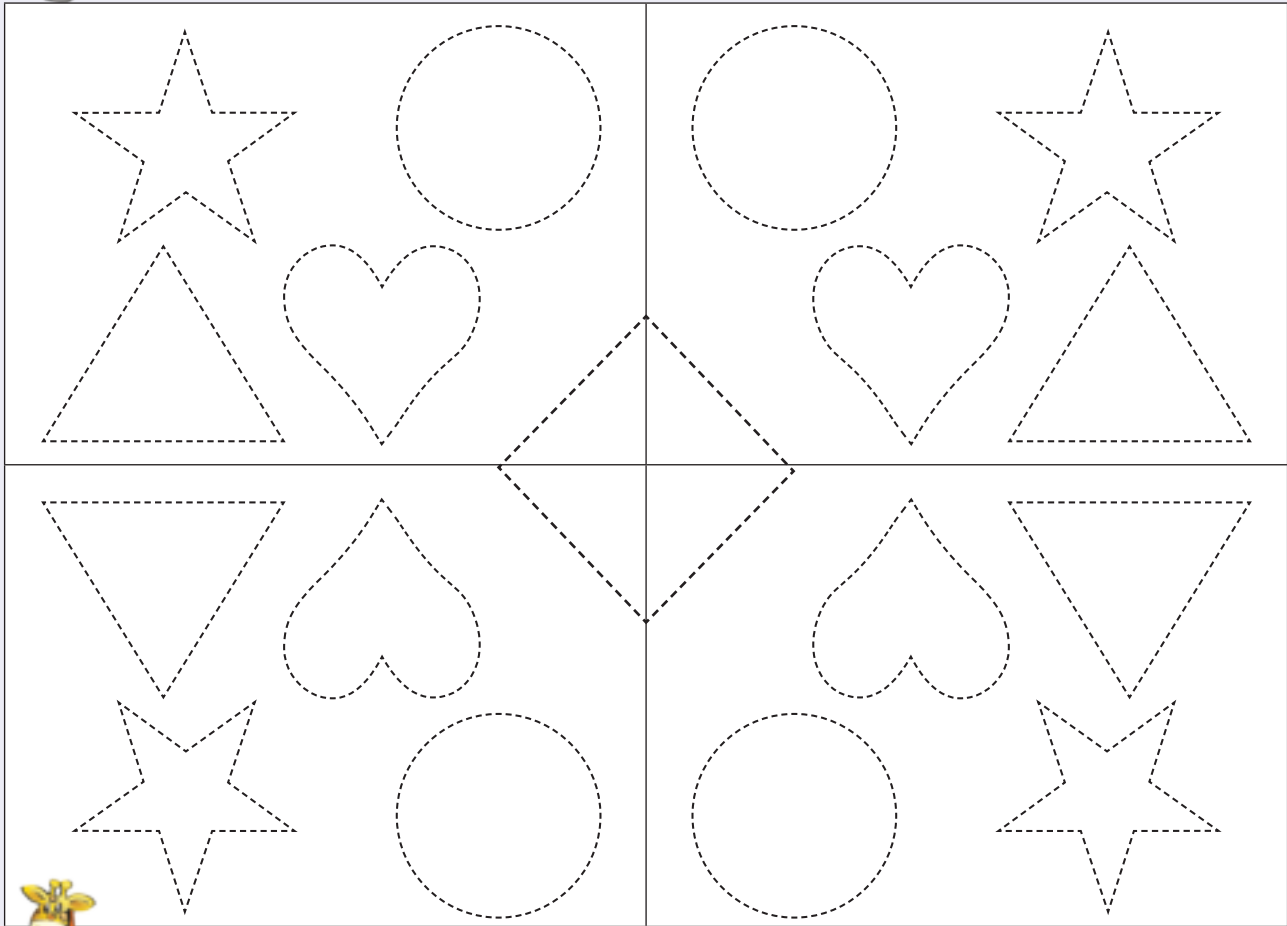


Landzelela lephethini bese uyifaka umbala.

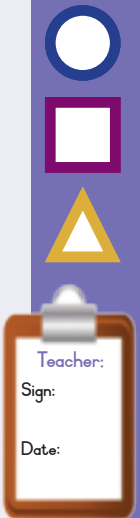




Landzelela lephethini bese uyifaka umbala.



Takhele yakakho iphethini usebentisa bobunjwa.

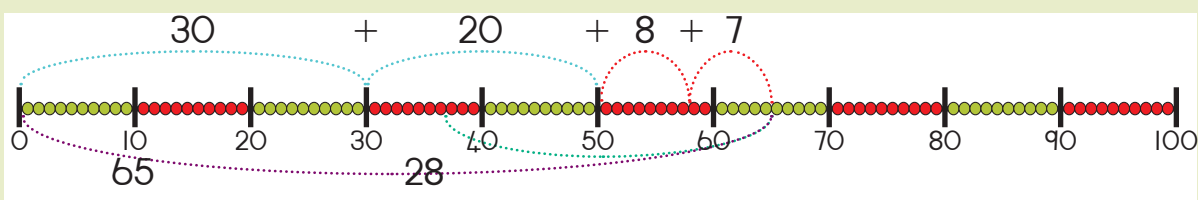
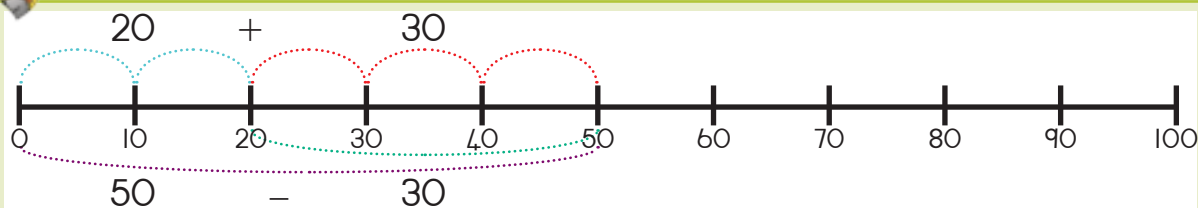




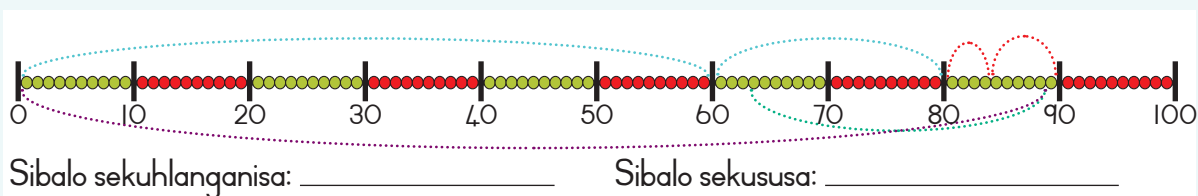
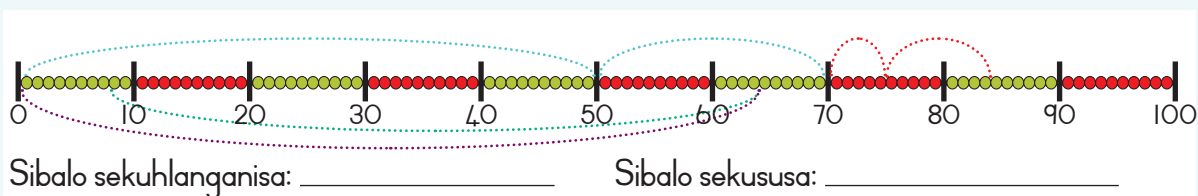
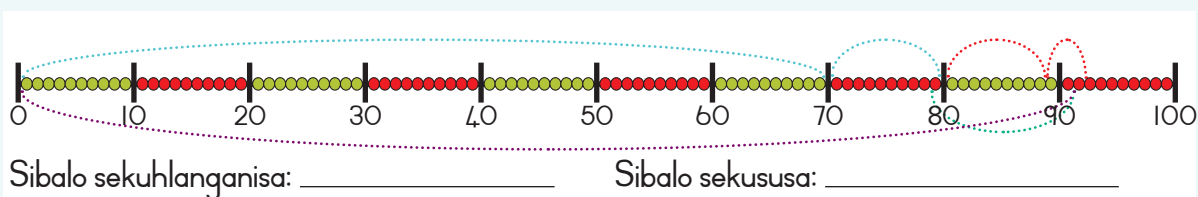
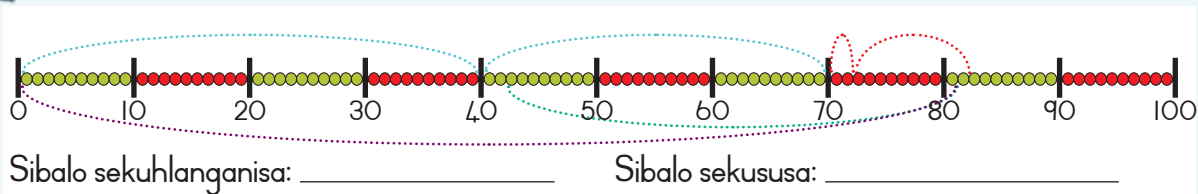
Lusuku:

Kuhlanganisa neKwehlukanisa

Buka lemigca-nombolo. Coca ngayo.

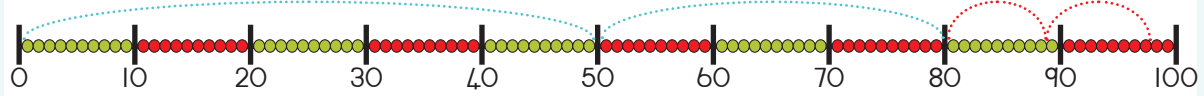


Bhala sibalo sekuhlanganisa nesesususa usebentisa umugca-nombolo.

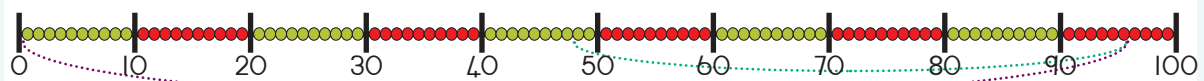




Linganisa bese ubala linani lebulhulu.



Yenta silinganiso: _____ Bala: _____



Yenta silinganiso: _____ Bala: _____



Bala usebentisa indlela yakho.

$$74 + 18$$

$$72 - 43$$



Linani lini 82 na 9?

Sibalo sa 79 na 13.

Susa 44 ku 52.

Umehluko emkhatsini wa 98 na 59.



Teacher: _____
Sign: _____
Date: _____

Kuhlanganisa nekususa siyachubeka futsi

Lusuku:

Ithemu 4



Yenta lamacala alingane.

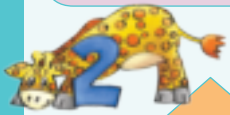
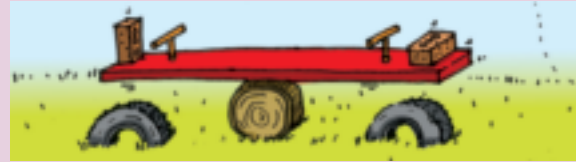
$$10 + 4 + 5$$

$$9 + \square + \square$$



$$90 - 50$$

$$\square - 20$$



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	

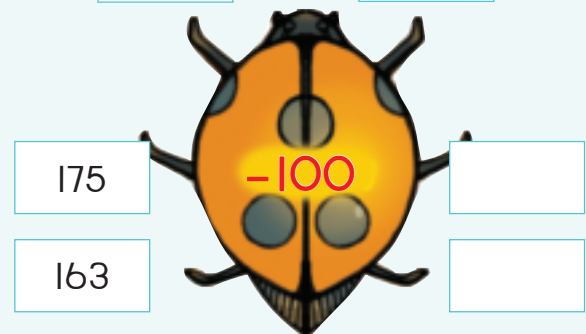
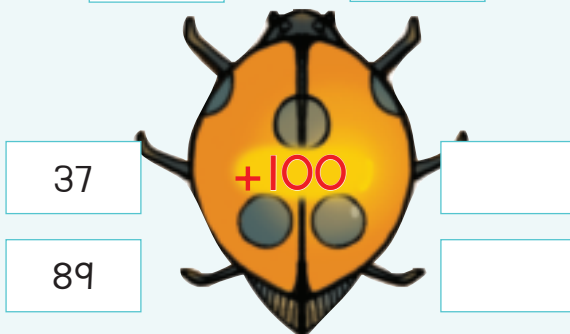
10 ngaphansi -10	
40	30
150	
20	
110	
200	
60	
180	
70	



Cedzela lamadayagramu lalandzelako.

25

199





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

$$90 - 20 = 5$$



$$100 - 4 = 3$$

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



Yini
kuhlanganisa?

$$2 + 6 = 5 + 7$$

$$4 + 7 = 3 + 8$$

$$9$$



Yini kususa?

$$4 - 5 = 9 - 7$$

$$6 - 2 = 8 - 3$$

$$10$$



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?



Teacher:
Sign:
Date:



Bobunjwa be 3-D

Lusuku:

Ithemu 4

Aphi emabhokisi, emabhola nemibhoshongo?



Shano kutsi ngabe loku kulibhokisi, ibhola noma umbhoshongo.



Tfola titfombe taloku lokulandzelako utinamatsisele lapha.

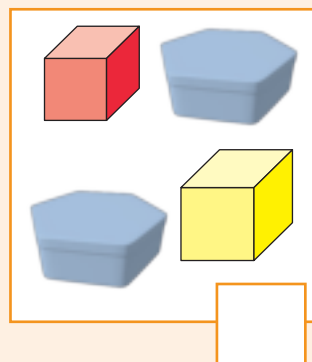
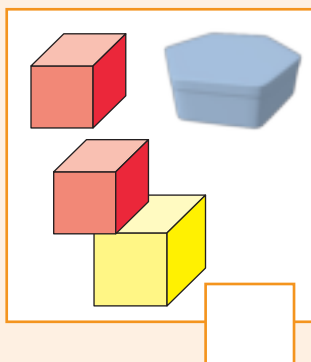
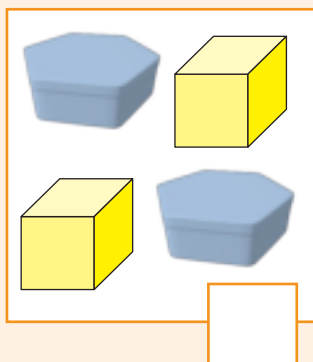
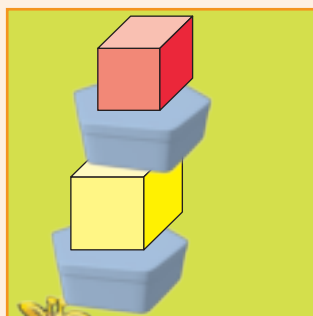
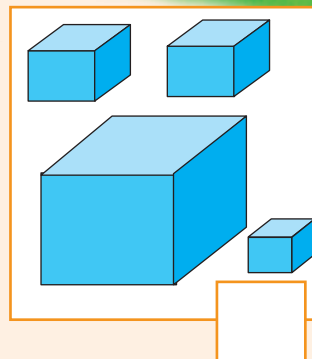
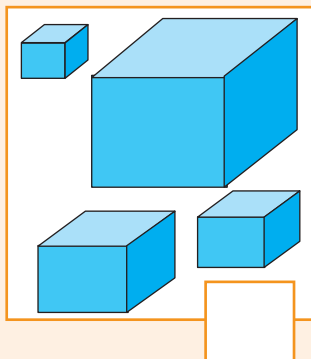
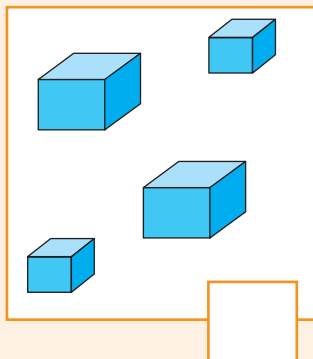
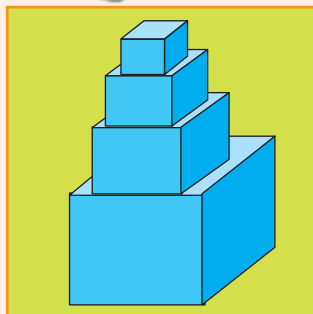
Ibhola

Libhokisi

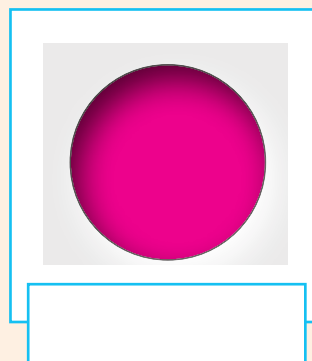
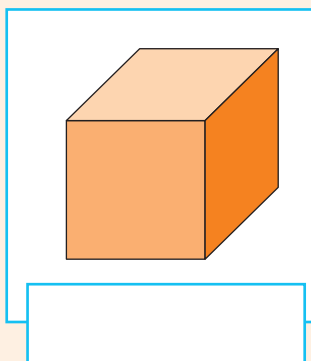
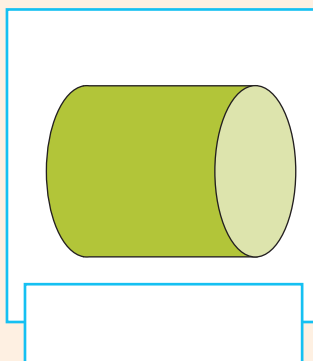
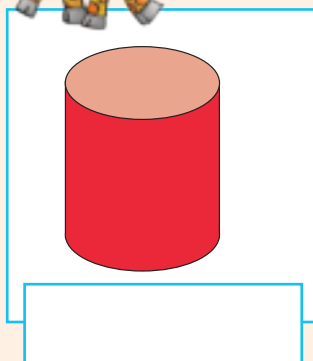
Umbhoshongo



Faka luphawu (✓) 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

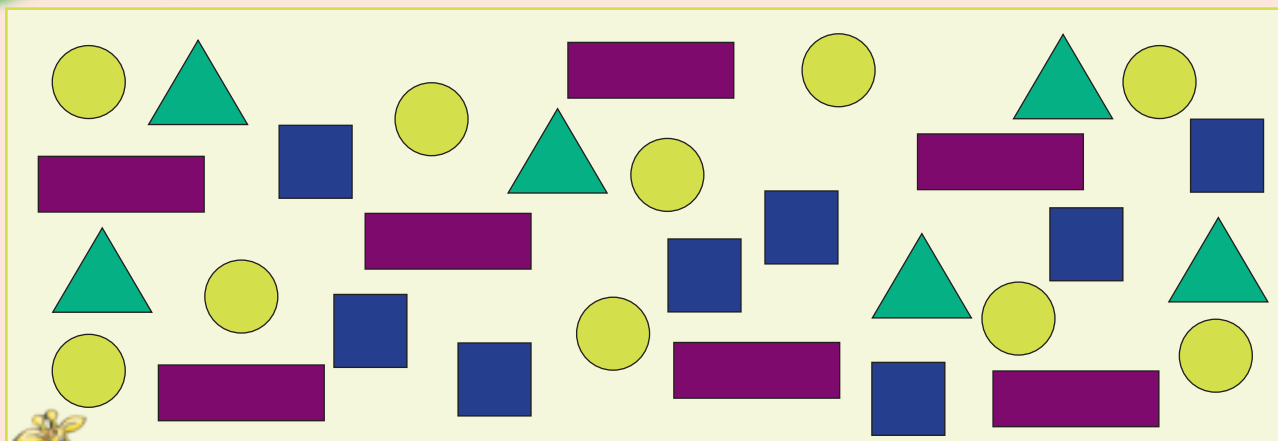


Teacher: _____
Sign: _____
Date: _____

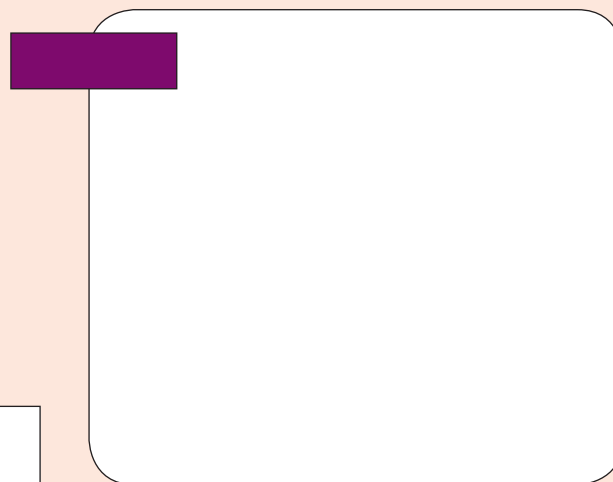
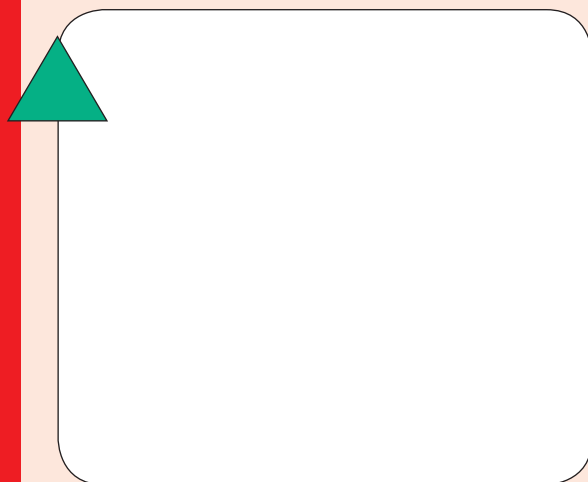
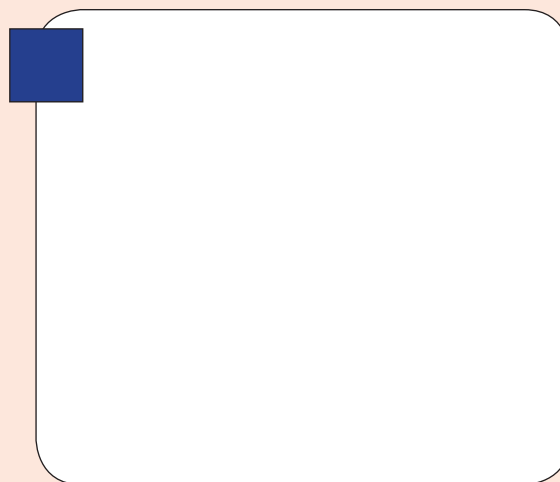
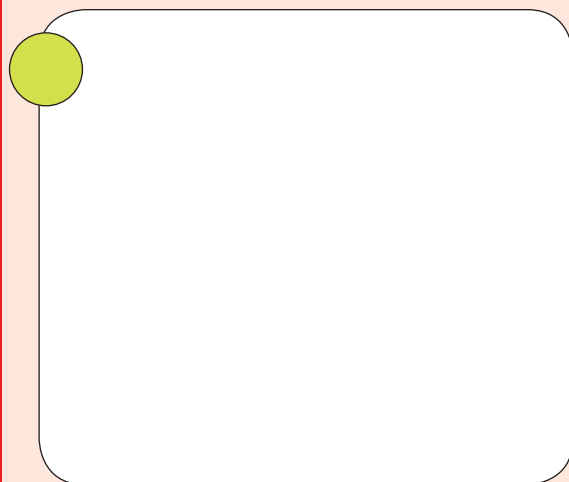
Imininingwane futsi

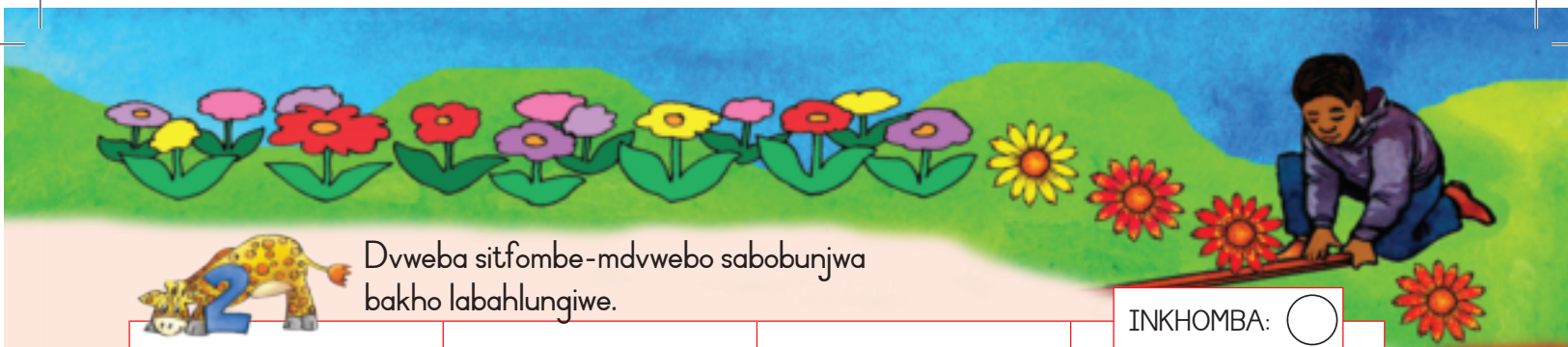
Lusuku:

Ithemu 4



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





Dvweba sitfombe-mdvwebo sabobunjwa bakho labahlungiwe.

INKHOMBA: ☐



Faka umbala kumabhuloki kucedzela ibha-grafu yakho

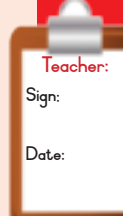
Tingaki tindilinga letilapha?

Tingaki tikwele letilapha?

Bangaki bocalandze labalapha?

Bangaki bocalantsatfu labalapha?





Teacher:
Sign:
Date:



Kubala imali

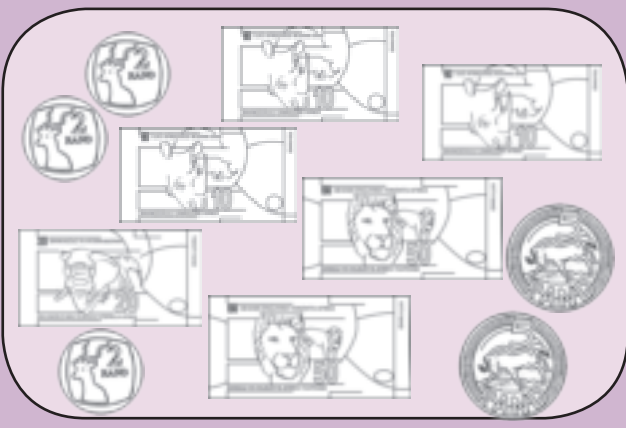
Lusuku:

Ithemu 4

Faka umbala kubuhhehlu lobutakwenta 95c.



Faka umbala imali letakwenta R99.



Faka umbala buhhehlu lobutakunika. Ngabe ngiyo yodvwa lendlela yekuhlanganisa?

							Yebo	Cha
75c								
85c								
90c								



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

								Yebo	Cha
R87									
R75									
R94									



Sipho utsenge mabili emahambega.

Ihambega ngayinye ibita R12,50. Ubhadale malini?

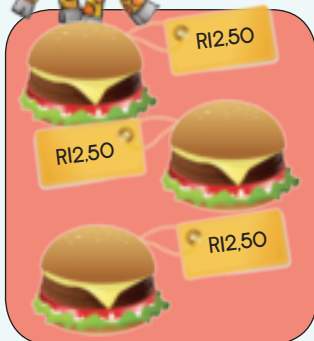
Dvweba sitfombe semali lengiyo yemaphepha nebuhhehlu kukhombisa imphendvulo yakho. Futsi yibhale njengemusho nombolo.



Umusho nombolo:
R12,50 + R12,50 =



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:



Kusombulula tibalo-mali

Ithemu 4

Ngitawutfolani uma ngitsengisa emashokholethi lali-10? Buka letitfombe uchubeke nalephethini.

1 ishokholethi



2 emashokholethi



3 emashokholethi



4 emashokholethi



Sheila utsengisa emahothi-dogi nga R4. lilinye. Cedzela lithebula 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 ithothi-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 kabili 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:



Kubeka ngemacembu nekwabelana

Ithemu 4



Mangaki emabhuloki kundilinga ngayinye? Wabe emkhatsini kwebantfwana.



Mangaki emabhuloki kundilinga ngayinye?
Bhala ithothali kundilinga lelingangane.

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



Yaba emabhuloki emkhatsini wetindilinga.

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



Dvweba loku lokulandzelako. Bhala sibalo sakunye ngakunye.

3 emacembu a 2

Sibalo sekuhlanganisa:

+

Sibalo sekuphindzaphindza:

×

4 emacembu a 10

Sibalo sekuhlanganisa:

+

Sibalo sekuphindzaphindza:

×

Yaba tintfo tekubala leti-12 emkhatsini kwa 4.

Sibalo sekususa:

-

Sibalo sekwehlukanisa:

÷

Yaba tintfo tekubala leti-36 emkhatsini kwa 3.

Sibalo sekususa:

-

Sibalo sekwehlukanisa:

÷



Kubala.

2 emacembu a 7 _____

3 emacembu a 8 _____

4 emacembu a 5 _____

2 emacembu a 15 _____

Yaba 18 nga 2 _____

Yaba 24 nga 3 _____

Yaba 35 nge 5 _____

Yaba 50 nga 10 _____



kuphindza kabili

Teacher: _____

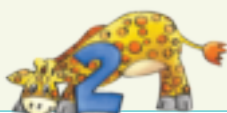
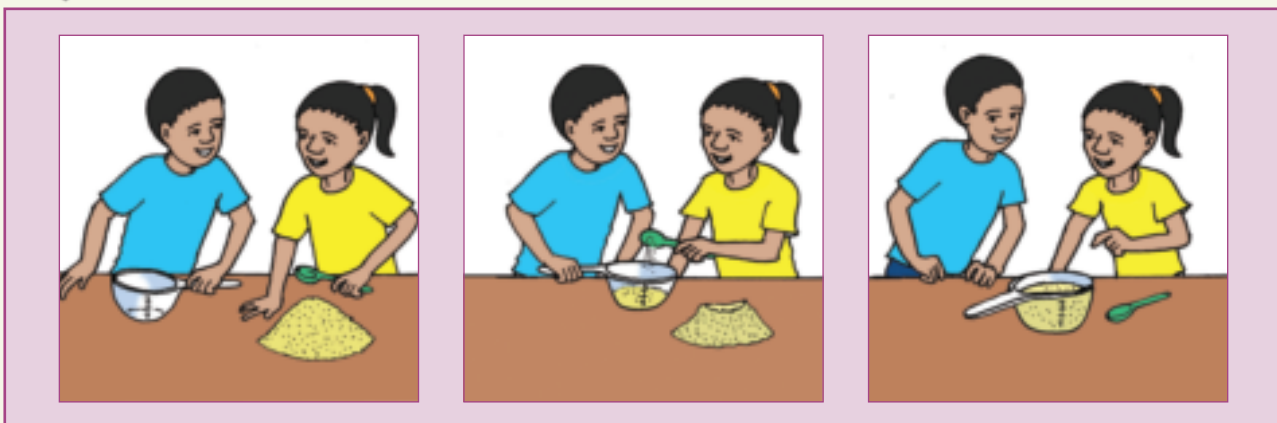
Sign: _____

Date: _____

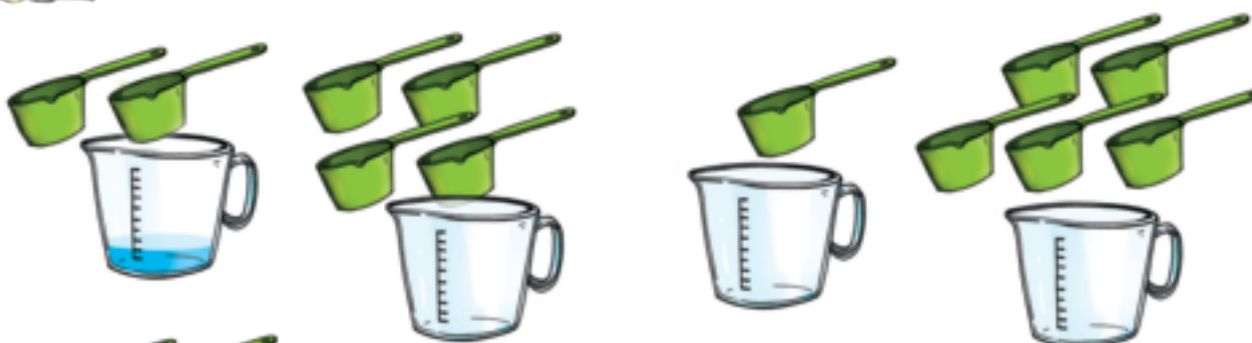


Umtsamo siyachubeka futsi

Buka letitfombe. Bentani labantfwana?



Letinkhezo tingaligwalisa kufika kuphi lijeke? Faka umbala.



Kutakwentekani uma utsela 6 wetinkomishi ejekeni lekukala?



Tingaki tinkomishi temanti lotidzinga kugcwalisa:

2 wemajeke _____	3 wemajeke _____
4 wemajeke _____	5 wemajeke _____



Tingaki tinkomishi letinye lotidzingako kugcwalisa lijeke noma emajeke?

2

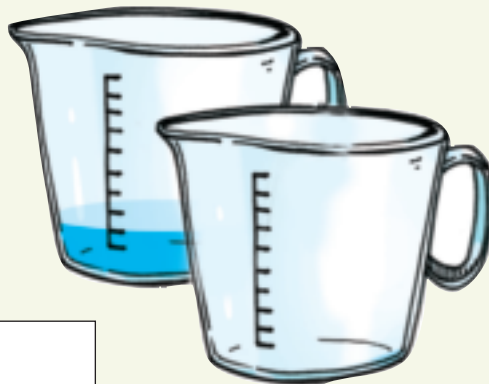












Tfola titfombe tetintfo-tekuphatsa letilingana na 1 ilitha, 2 wemalitha na 5 wemalitha. Tinamatsisele lapha noma ekisezayizini lakho. Tinamatsisele kusukela kuletetfwala kakhulukati uye entfweni leyetfwala lokuncane kakhulu.



Teacher:

Sign:

Date:

11

12

13

14

15

16

17

18

19

20

Emaphethini-tinombolo

Lusuku:

Ithemu 4



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

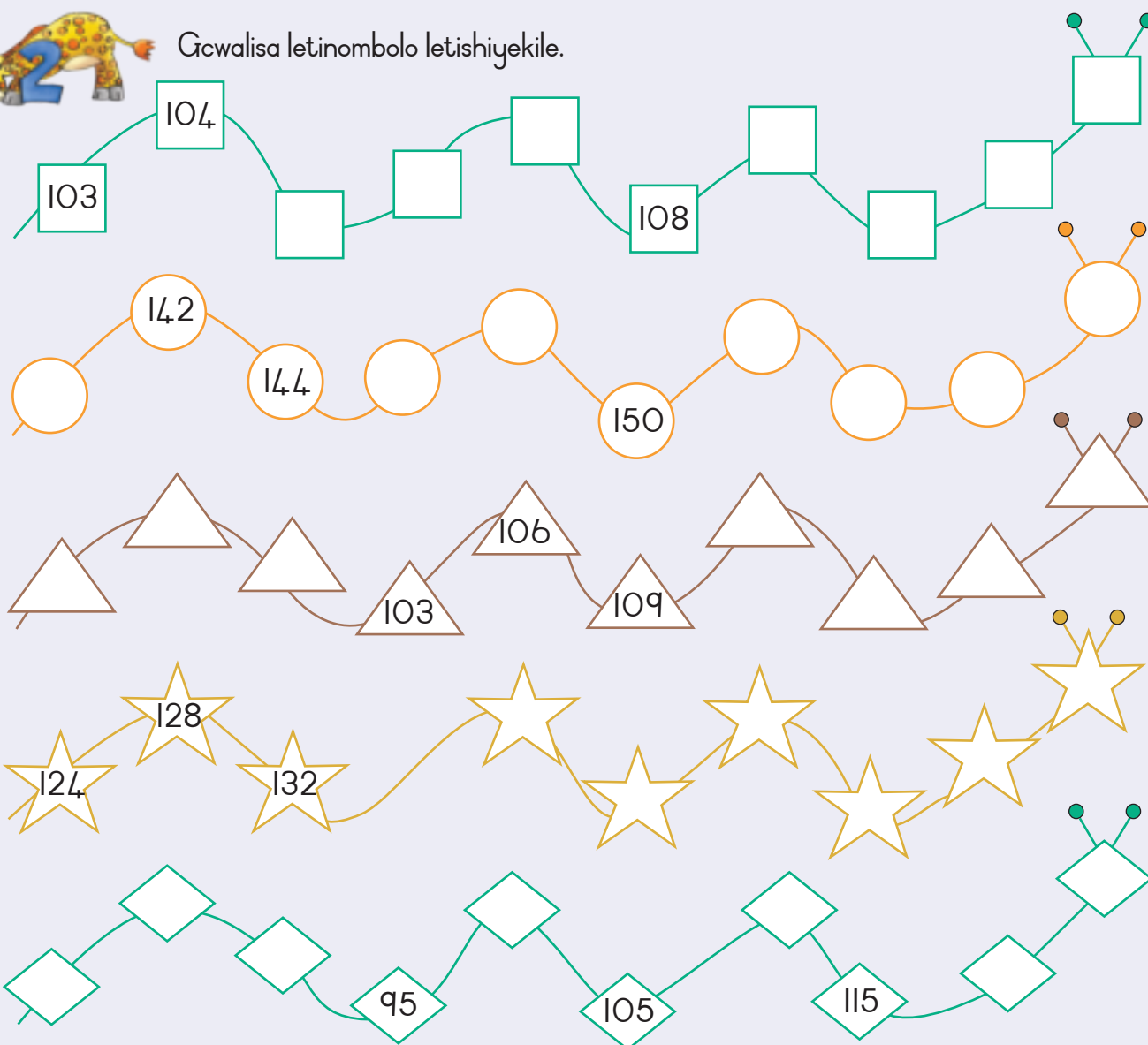
5 3 8 1 9 7 6 2 4

61 66 64 69 62 68 67 63 65

136 132 140 138 131 135 133 137 134 139



Gcwalisa letinombolo letishiyekile.





Cedzela loku lokulandzelako kubala uye emuva.

128	126	124			118				
160	157	154							
200	195	190							



Cedzela loku lokulandzelako.

100, 102, 104, ____, ____, ____, ____, ____

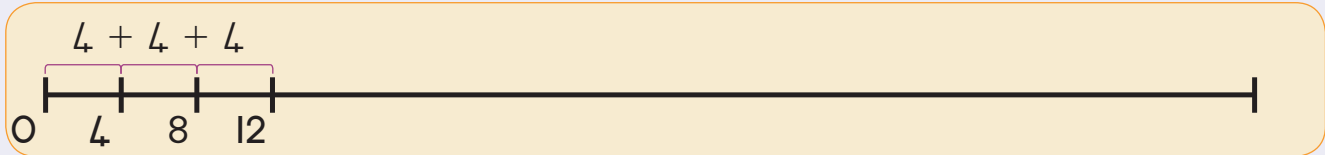
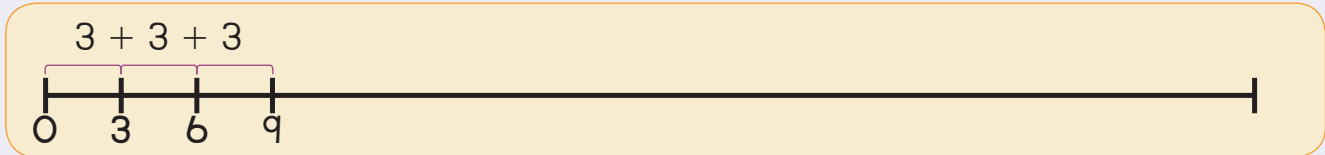
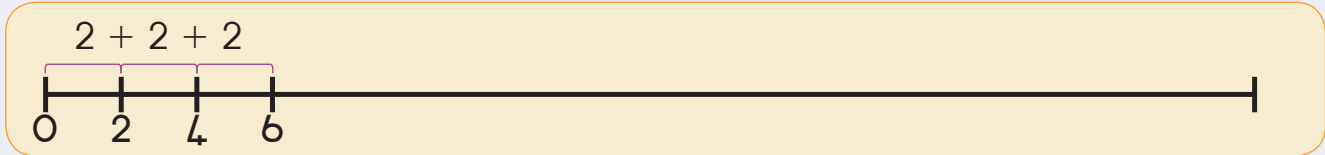
160, 155, 150, ____, ____, ____, ____, ____

115, 118, 121, ____, ____, ____, ____, ____

200, 190, 180, ____, ____, ____, ____, ____



Cedzela lomugca-nombolo.



Sibala ngabobani?

4	20
8	
16	12

2	14
8	12
10	4
	6

5	15
25	
30	10
	20

3	21
15	6
18	9
	12

Teacher: _____

Sign: _____

Date: _____



Kuphindzaphindza siyachubeka

Lusuku:

Ithemu 4

Tonkhe tilwane tiningyawo leti 4.

Tonkhe tilwane tinemadlebe lama 2.

3 wemagundwane
langaboni

3 wemabhela

3 wetingulube
letincaneLitsini linani letinyawo setitonkhe
kulesitfombe? Litsini linani lemadlebe
sekawonkhe kulesitfombe? 

Buka lesitfombe bese uCedzela loku lokulandzelako:

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

Linani
lemagundwane

Tinyawo silwane ngasinye

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

Linani
lemagundwane

Emadlebe silwane ngasinye



Cedzela loku lokulandzelako:

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

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



Cedzela loku lokulandzelako:

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

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

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

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



Cedzela loku lokulandzelako:

$$\begin{aligned}
 13 \times 3 &= \square \\
 10 \text{ (teal)} + 3 \text{ (red)} \times 3 \\
 &= 10 + 3 \times 3 \\
 &= 10 \times 3 + 3 \times 3 \\
 &= 30 + 9 \\
 &= 39
 \end{aligned}$$

$$\begin{aligned}
 15 \times 3 &= \square \\
 10 \text{ (teal)} + 5 \text{ (red)} \times 3 \\
 &= \square + \square \times \square \\
 &= \square \times \square + \square \times \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$



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



Cedzela loku lokulandzelako:

Yaba leshokoletshi ngekulingana emkhatsini wa 2 webantfwana.

Kunombolo ngayinye tfoa

Yaba 15 wemaswidi ngekulingana emkhatsini wa 3 webantfwana.

Kunombolo ngayinye tfoa



Dvweba titfombe kukhombisa timphendvulo takho.

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

Kunombolo ngayinye tfoa

Yaba 16 wemakhirayoni emkhatsini wa 3 webantfwana.

Kunombolo ngayinye tfoa



Teacher: _____
Sign: _____
Date: _____



Kuphindzaphindza lokuhlanganisele

Lusuku:

Ithemu 4

Buka loku lokulandzelako, yini loyicaphelako?

$$5 + 5 + 5 = 15$$



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



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

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

$$3 \times 5 = 15$$

$$5 \times 3 = 15$$



Cedzela lithebula ngentasi. Lesibonelo sitakukhomba indlela.

Yeka kubala	Ticumbi letilinganako	Kuhlanganisa lokuphindzekile	Lokuhlelenjisiwe	Emaciniso
3, 6, 9, 12		$3 + 3 + 3 + 3$	3 emahlele abo 4 $\begin{matrix} \times & \times & \times & \times \\ \times & \times & \times & \times \\ \times & \times & \times & \times \end{matrix}$	$3 \times 4 = 12$ $4 \times 3 = 12$
		$4 + 4 + 4$		
				$6 \times 5 = 30$ $5 \times 6 = 30$
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 lemibuto 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 $3 \times 2 = \square$	
4 ticumbi tabo 3 ngu 12 noma 4 aphindvwe ka 3 ngu 12 noma $4 \times 3 = \square$	
6 ticumbi tabo 3 ngu 18 noma 6 aphindvwe ka 3 ngu 18 noma $6 \times \square = 18$	

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



Teacher:

Sign:

Date:



Kuphindzaphindza siyachubeka futsi

Lusuku:

Buka lesitfombe bese uhlanganisa letimabula.

Ithemu 4



Kuyini
kuphindzaphindza?

$$4 \times 2 = 8$$

$$3 \times 4 = 12$$

$$4 \times 5 = 20$$

$$2 \times 6 = 12$$

Yini 2 tikhatsi letisi 7?

25 - 10 = 2013

$$1 \times 5 = 5$$

$$2 \times 5 = 10$$

$$3 \times 5 = 15$$

$$4 \times 5 = 20$$

$$5 \times 5 = 25$$

$$6 \times 5 = 30$$

$$7 \times 5 = 35$$

$$8 \times 5 = 40$$

$$9 \times 5 = 45$$

$$10 \times 5 = 50$$

Cedzela:

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

Sebentisa indlela yakho kusombulula loku.

$$12 \times 2$$

$$16 \times 2$$

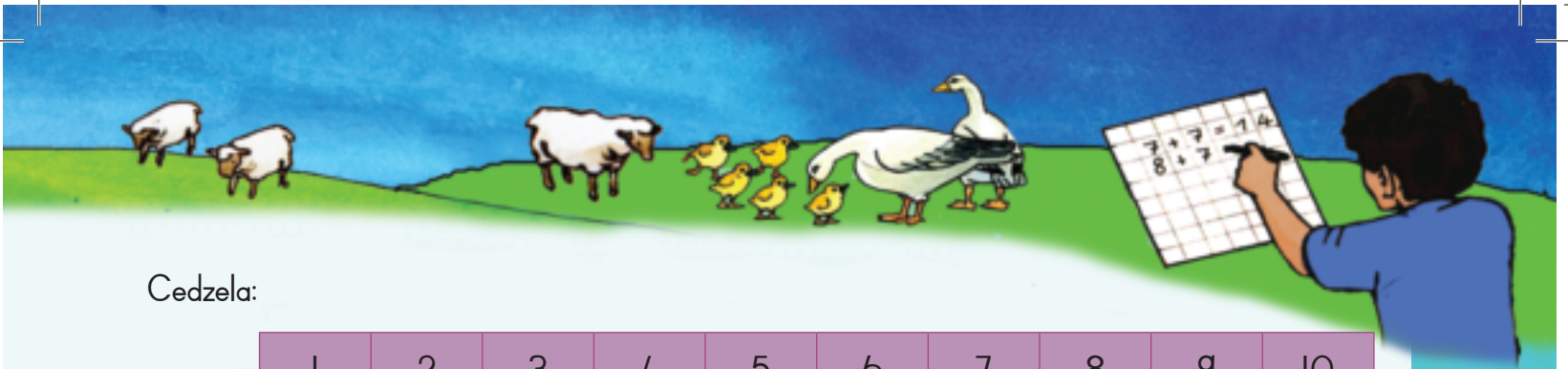
Cedzela:

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

Sebentisa indlela yakho kusombulula loku.

$$13 \times 3$$

$$15 \times 3$$



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?

Teacher:

Sign:

Date:

116a

Emalanga eliviki

Lusuku:

Ithemu 4

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

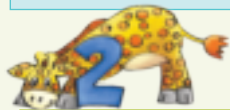
INYOIN

WANELOKH

GCIIN

HALAIMP

ABHIMBINEDVW



Mangaki emalanga lakhona enyageni ngayinye?

Nedvabhimbi 31	iNdlovana	iNdlovulenkulu	Masaba
Inkhwetikhwe	iNhlaba	Lokhwane	iNgci
iNinyo	iMphala	Tilwe	iNgongoni



Phendvula lemibuto lelandzelako:

Nyanga yini leta embi kweNdlovulenkulu? _____

Nyanga yini leta emva kweNhlaba? _____

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



Uma kunguKholwane, tingaki tinyanga letise embi kwaloku:

iNyoni? _____

iNgci? _____



Emalanga, emaviki netinyanga

Lusuku:

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? _____

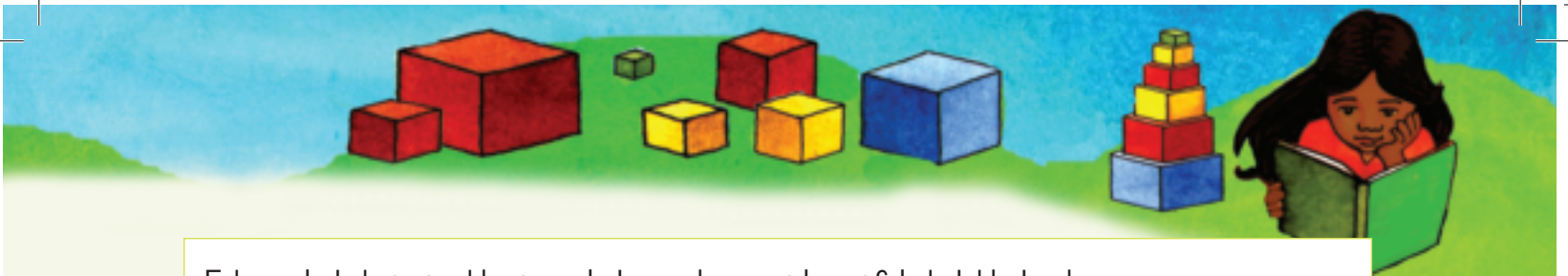
Mangaki emalanga lakhona evikini? _____

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
						
						
						
						
						

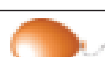


Lusuku luni futsi lilanga liphi?

	Lusuku	Lilanga
		
		
		
		
		
		
		



Mangaki emalanga kusuka:

	kuya ku		
	kuya ku		
	kuya ku		
	kuya ku		



Teacher: _____
Sign: _____
Date: _____

Emaphethini netinombolo siyachubeka

Chaza lephethini ebhodini letinombolo ngalinye.

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

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

Cedzela lephethini.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200



Ngabe lena yinombolo mashiya noma yinombolo malingana?
Biyela inombolo mashiya noma inombolo malingana.

4	19	21
mashiya malingana	mashiya malingana	mashiya malingana
26	20	18
mashiya malingana	mashiya malingana	mashiya 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, 11, 78, 21, 11, 78, 21, 11

Biyela letinombolo
ngembala kukusita
kusombulula letibalo.



Gcwalisa lenombolo leshiyekile kucedzela lephethini lephindziwe.

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

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

11, 76, 11, 76, 11, 76, 11, 76,

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

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



11 12 13 14 15 16 17 18 19 20



Kwaba ngekulingana kusiya kumafrakishini

Lusuku:

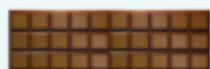
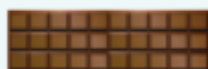
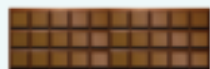
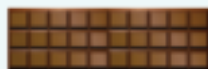
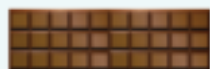
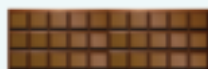
Ithemu 4



Yaba lolucebedvu lweshokholethi usho kutsi mangaki emabhuloki latawutfolwa ngumntfwana ngamunye.



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



Khombisa imphendvulo yakho ngekwenta umdvwebo ngentasi.

Umntfwana ngamunye utfola incenyentsatfu yinye yeshokholethi.

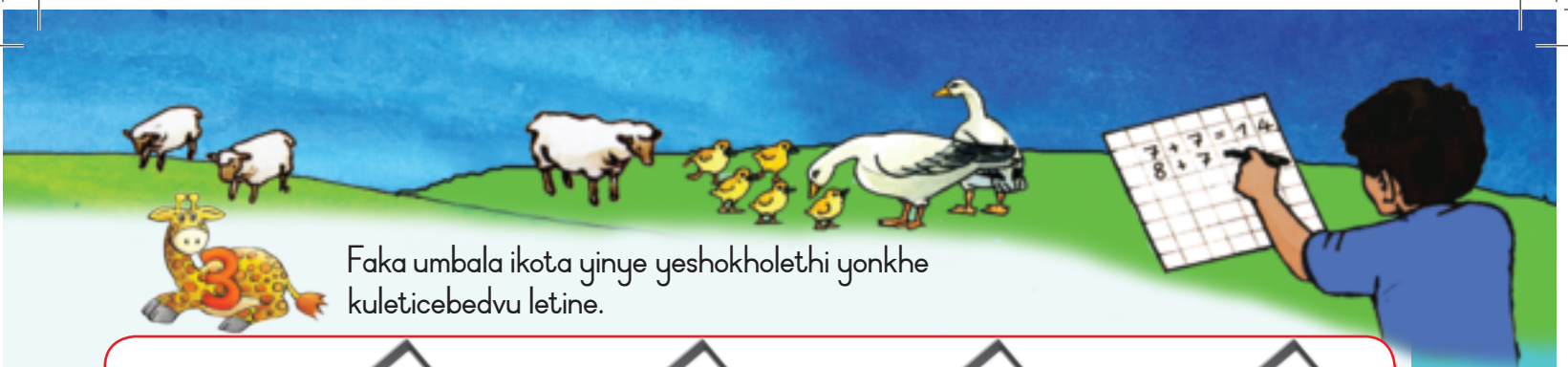


Una 3 wemakhekhe. Wabe ngekulingana emkhatsini wa 4 webangani.

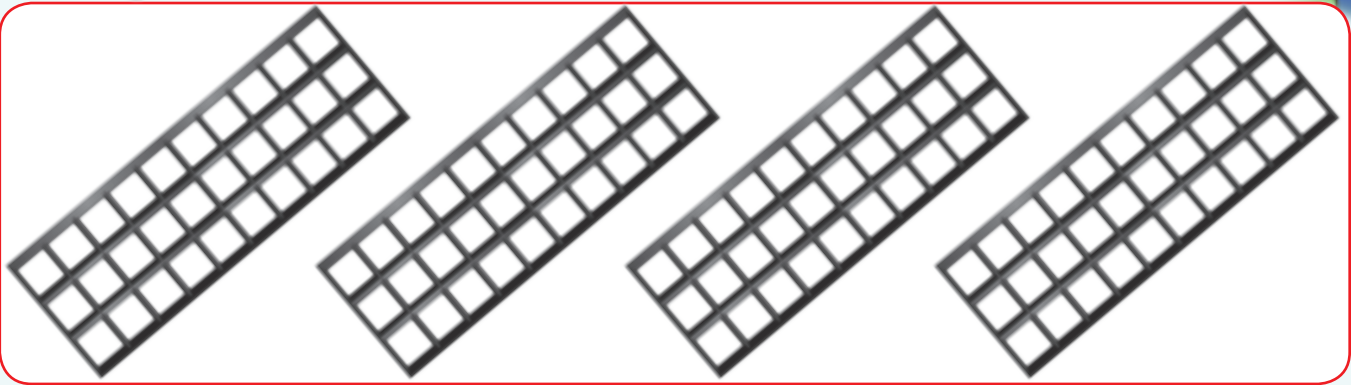


Khombisa imphendvulo yakho ngekwenta umdvwebo ngentasi.

Umntfwana ngamunye utfola incenye yinye ya _____ wemakhekhe.



Faka umbala ikota yinye yeshokholethi yonkhe kuleticebedvu letine.

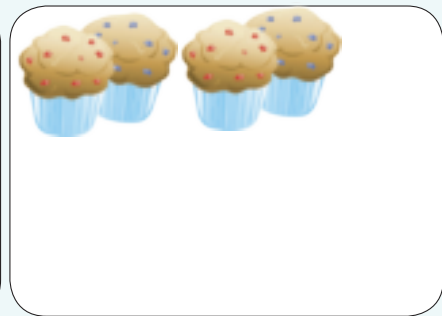
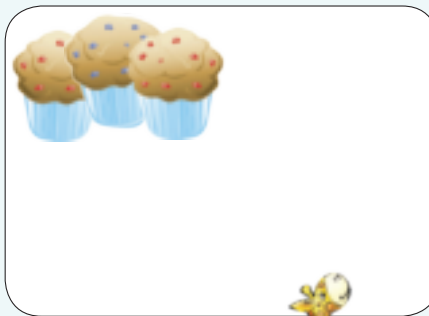
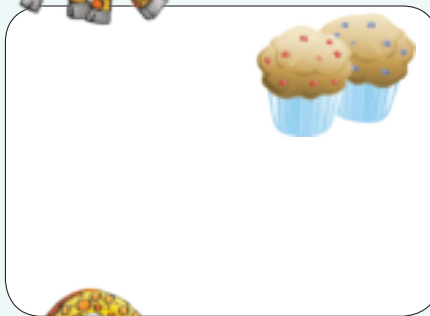


Ikota yinye ingemabhuloki lamangaki eshokholethi? _____



Mangaki emabhuloki eshokholethi layincenye-sihlanu yinye? _____

Khombisa ihhafu yinye yaloku lokulandzelako.



Khombisa incenyentsatfu yinye temaswidi.



Khombisa incenye-sitfupha yinye yemaswidi.



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



Teacher: _____
Sign: _____
Date: _____

Budze

Lusuku:

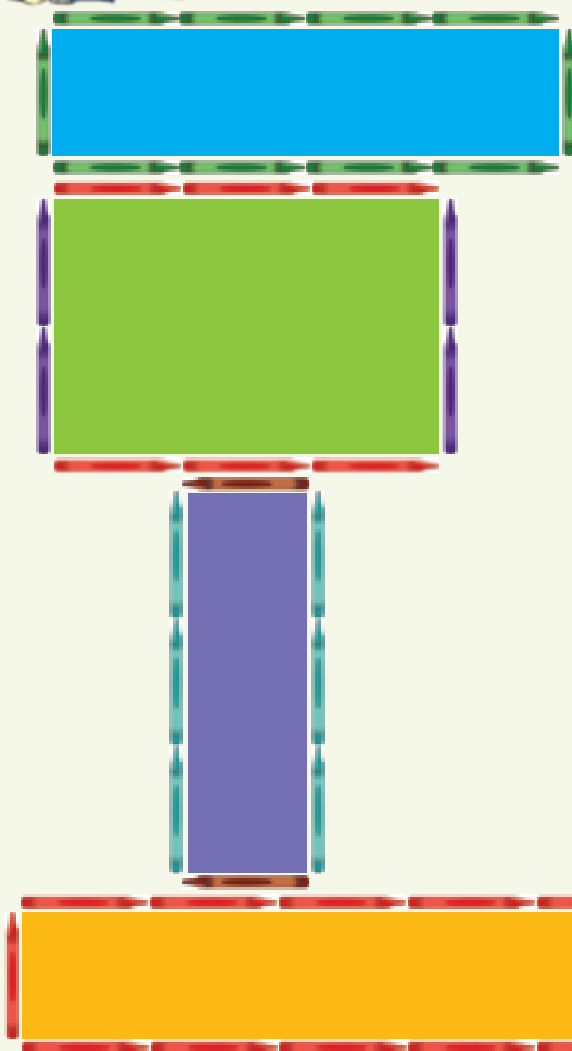
Nguliphi licala licalandze lelifisha kakhulu? Lelidze kakhulu?



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.

Licala lelidze ngu _____ wemakhirayoni.

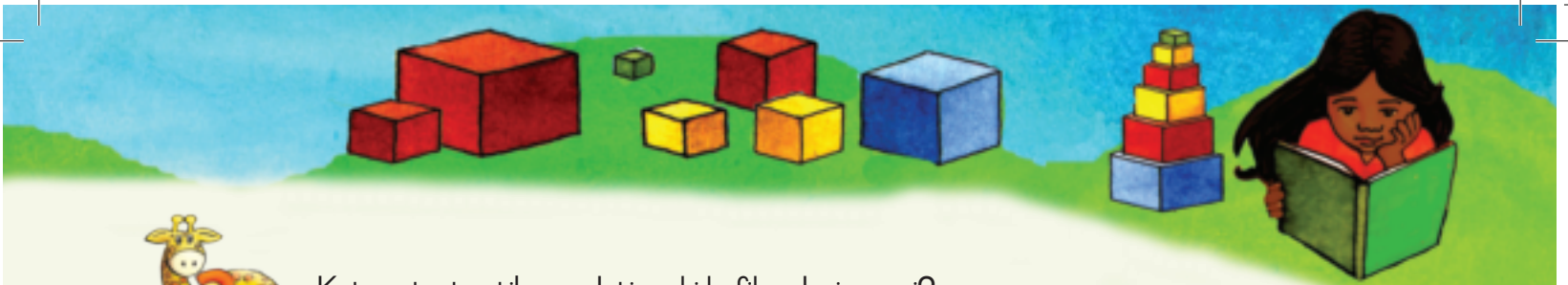
Licala lelifisha ngu _____ wemakhirayoni.

Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.

Licala lelidze ngu _____ wemakhirayoni.

Licala lelifisha ngu _____ wemakhirayoni.



Kutawutsatsa tibungu letingaki kufika eluvivaneni?



Teacher: _____
Sign: _____
Date: _____

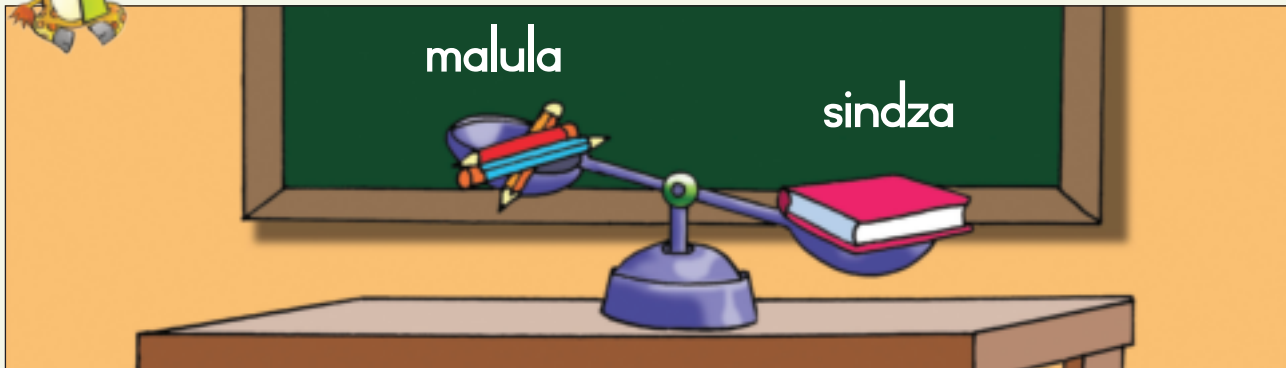
11 12 13 14 15 16 17 18 19 20

Kwesindza neBumalula siyachubeka

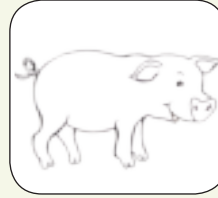
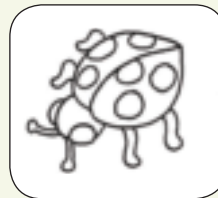
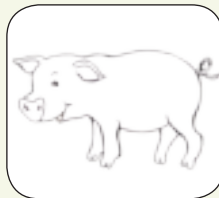
Lusuku:



Kushoni kwesindza nebumalula?



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



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

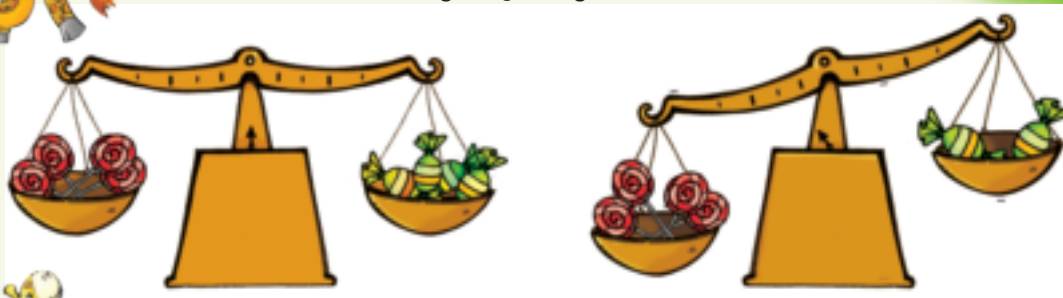


Buka lesitfombe. Tfola titfombe leti-2 tetintfo letesindzako. Tinamatsisele lapha.





Ase usho kutsi letikali tiyalingana yini noma cha.



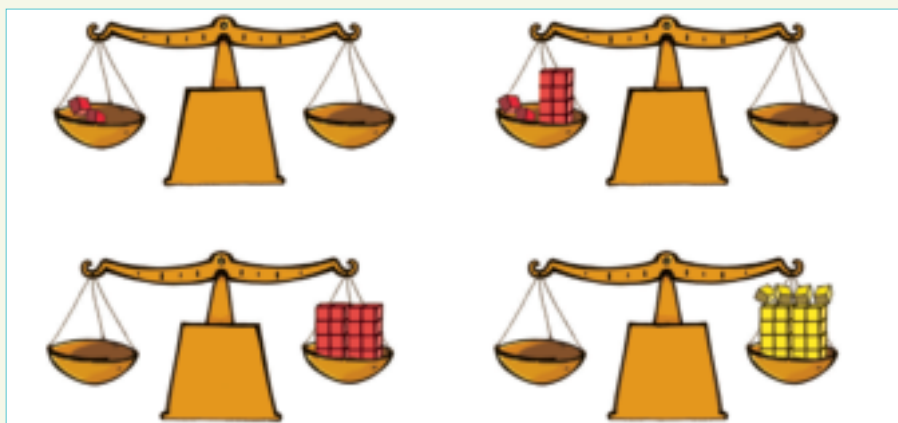
Yenta letikali tilingane. Yenta umdvwebo etikalini letite lutfo.



Dvweba imidvwebo kwenta letikali tibe liciniso.



Yenta letikali tilingane uma  =  .



Teacher: _____
Sign: _____
Date: _____



Siyachubeka: kwabelana kusiholela kumafrakishini

Yaba lamahhabhula emkhatsini webangani labatsatfu.



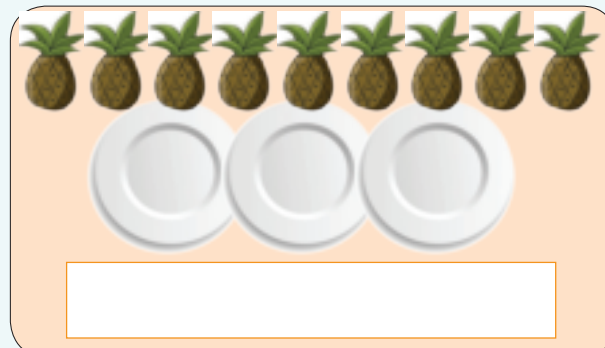
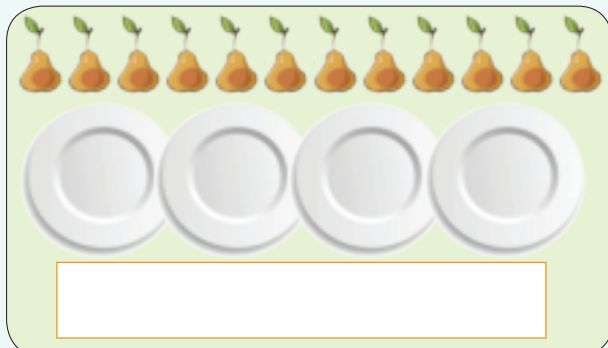
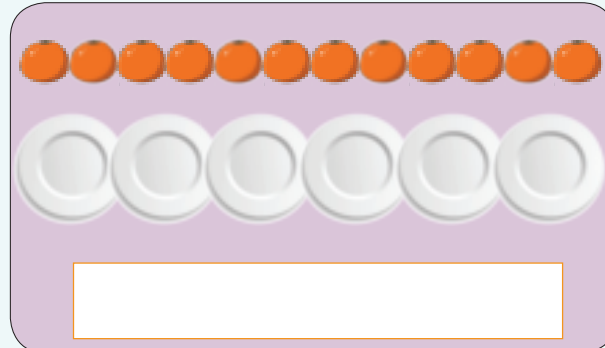
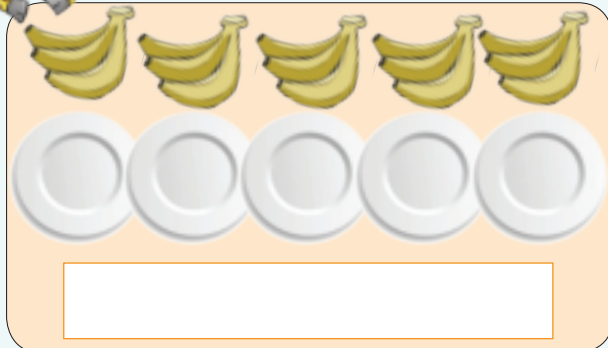
Amunye utfola mangaki emahhabhula? Mane.

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



Buka lesibonelo ngetulu bese ucedzela loku lokulandzelako.

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

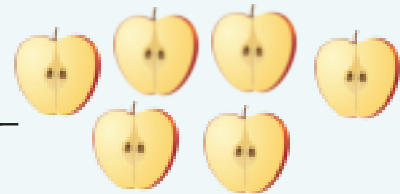


Gogo upha Gugu 12 wema-orientji. Gugu wenta ijusi
ngancenyensatfu yinye yema-orientji. Mangaki ema-orientji
lawasebentisile?



Emahhabhula lamatsatfu  asikwe aba boh hafu

Bangaki bantwana labangafola ihhafu amunye? _____



Ema-orintji lamane  asikwe aba tincenyentsatfu.

Bangaki bantwana labangafola incenyentsatfu yinye ngamunye? _____



Emahwabha lamabili  asikwe aba tincenye-sitfupha.



Bangaki bantwana labangafola incenye-sitfupha yinye ngamunye? _____



Umcecheshi webhola yetandla upha umdlali ngamunye ihhafu yeli-orintji.

Kuna 14 webadlali. Udzinga mangaki ema-orintji?



Teacher: _____
Sign: _____
Date: _____

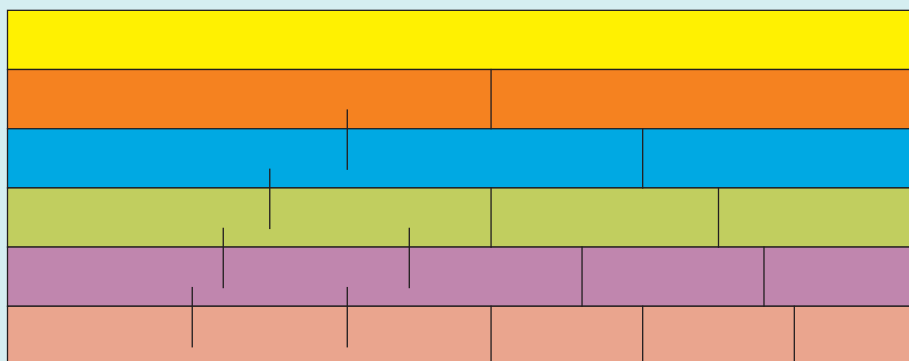


Emafrakishini

Lusuku:

Ithemu 4

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



incenyentsatfu yinye

incenye-sihlanu yinye

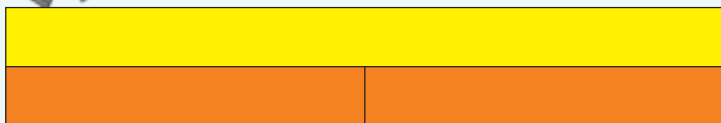
ihhafu yinye

incenye-sitfupha yinye

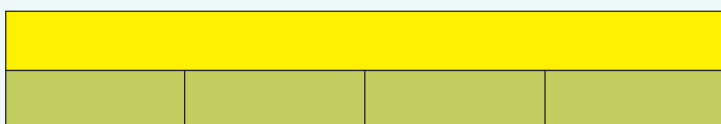
ikota yinye



Cedzela loku lokulandzelako.



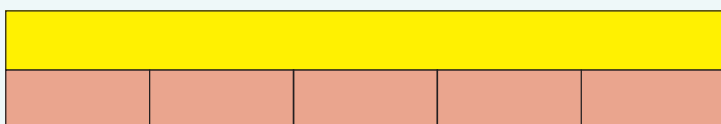
2 wabohhafu uyafana na _____ logcwele.



4 wemakota uyafana na _____ logcwele.



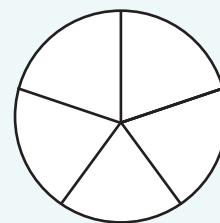
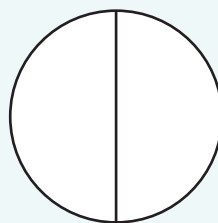
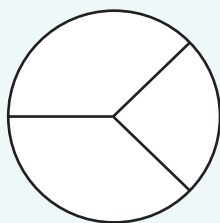
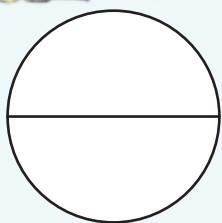
3 waboncenyentsatfu uyafana na _____ logcwele.



5 wetincenye-sihlanu uyafana na _____ logcwele.

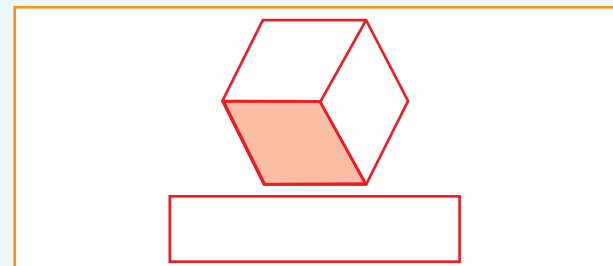
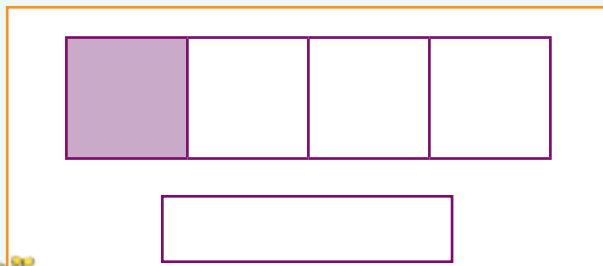
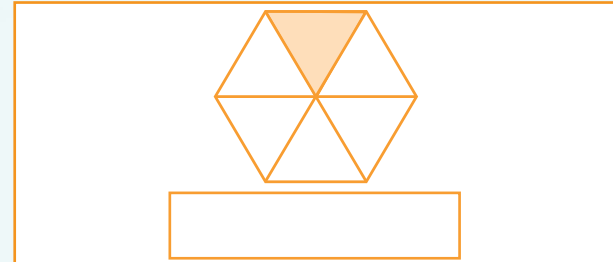
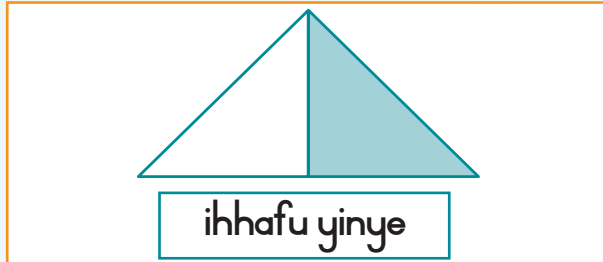


Faka umbala kuloku lokulandzelako. Yini loyicaphelako?

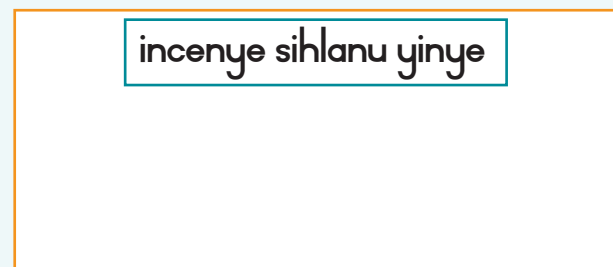
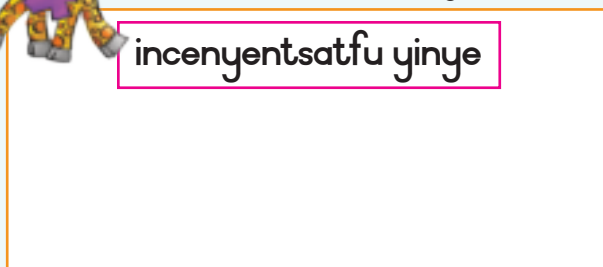




Shano kutsi yifrakishini yini yabunjwa ngamunye lehlikihliwe.
Bhala loku ngemagama.



Dweba bobunjwa kukhombisa loku lokulandzelako Sebentisa tikwele,
bocalandze netindilinga.



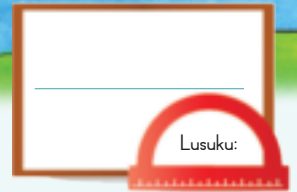
Buta make wakho noma loyo lohlala naye kutsi yini latayitsenga lenguloku:

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

Teacher: _____

Sign: _____

Date: _____



Siyachubeka ngemafrakishini

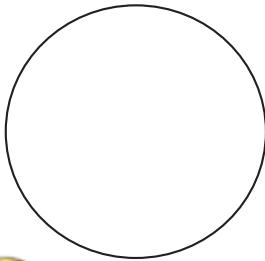
Ithemu 4

Ungatsandza lucetu lolubuya kuliphi likhekhe. Kungani?

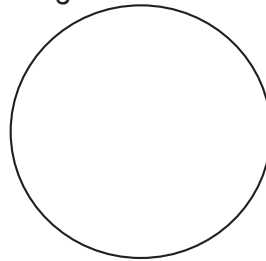


Umngani wakho ukucela kutsi wehlukanise ipitsa ibe tincetu letilinganako.
Yenta umdvwebo kukhombisa ngakunye kwaloku.

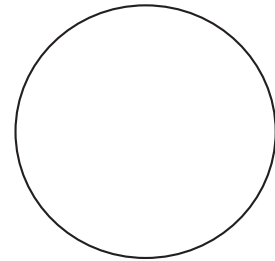
Bohhafu



Boncenyentsatfu



Emakota



Faka luphawu (✓) emphendvulweni lengiyo.

Wena nemngani wakho
nidle babili boh hafu bepitsa.
Kunganani lenikudlile?

- Ihhafu yinye yepitsa ☐
- Ipitsa yinye legcwele? ☐

Thabo, Sipho naJohn badle batsatfu
boncenyentsatfu bepitsa.
Kunganani labakudlile?

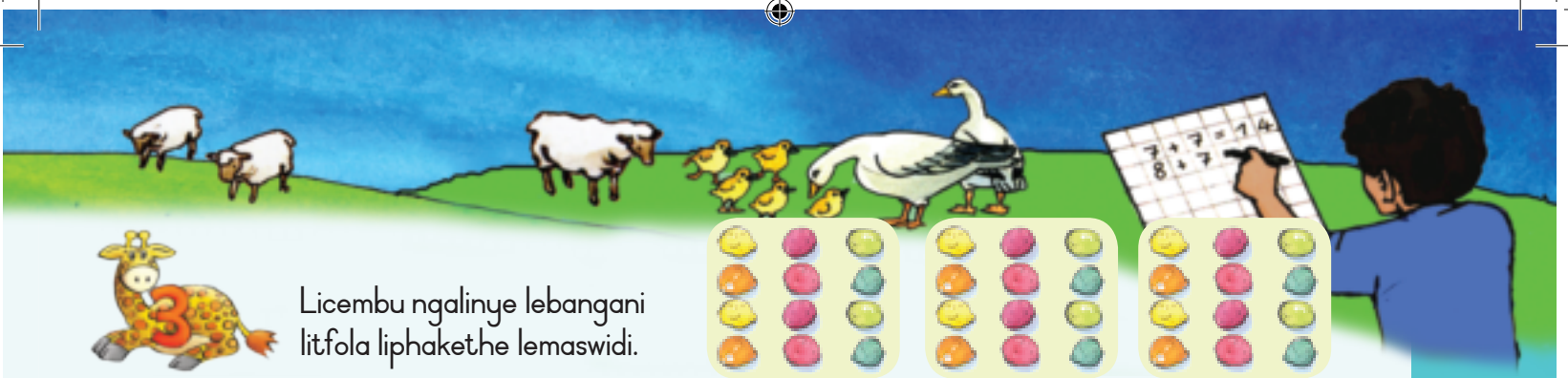
- Incenyentsatfu yinye yepitsa ☐
- Ipitsa yinye legcwele? ☐

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

- Ikota yinye ☐
- Emakota lamane? ☐

Phendvula lemibuto lelandzelako:

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



Licembu ngalinye lebangani
litfola liphakethe lemaswidi.

Licembu	1	2	3
Bantswana ecenjini	2	3	4
Mangaki emaswidi latawutfolwa ngumngani ngamunye uma emaswidi abiwe ngekulingana?			
Faka luphawu (✓) ecenjini lofuna kuba kulo. Kungani?			
Mangaki emaswidi latakuba nguloku lokulandzelak? Yini loyicaphelako?	Babili boh hafu	Batsatfu boncenyentsatfu	Mane emakota

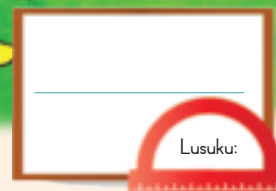


Faka umbala kumafrakishini lafanako nakunye lokugcwele.

matsatfu emakota
mabili emakota
timbili tincenye-sihlanu
tintsatfu tincenye-sihlanu
batsatfu boncenyentsatfu
babili boh hafu
timbili tincenye-sihlanu
ihhafu yinye
tine tincenye-sihlanu
sihlanu setincenye-sihlanu
yinye ikota
incenyentsatfu yinye
mane emakota
babili boncenyentsatfu

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

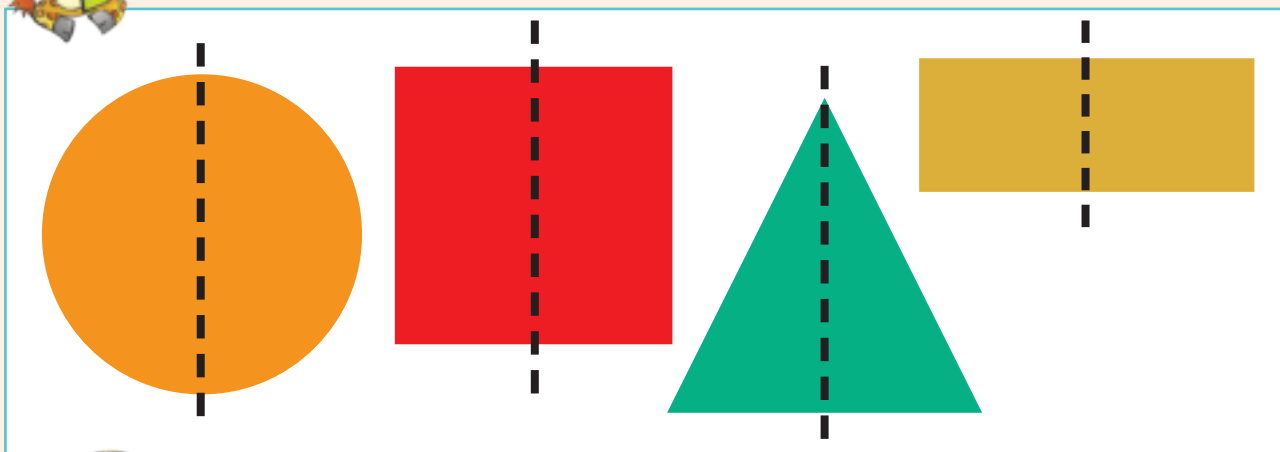
Teacher:
Sign:
Date:



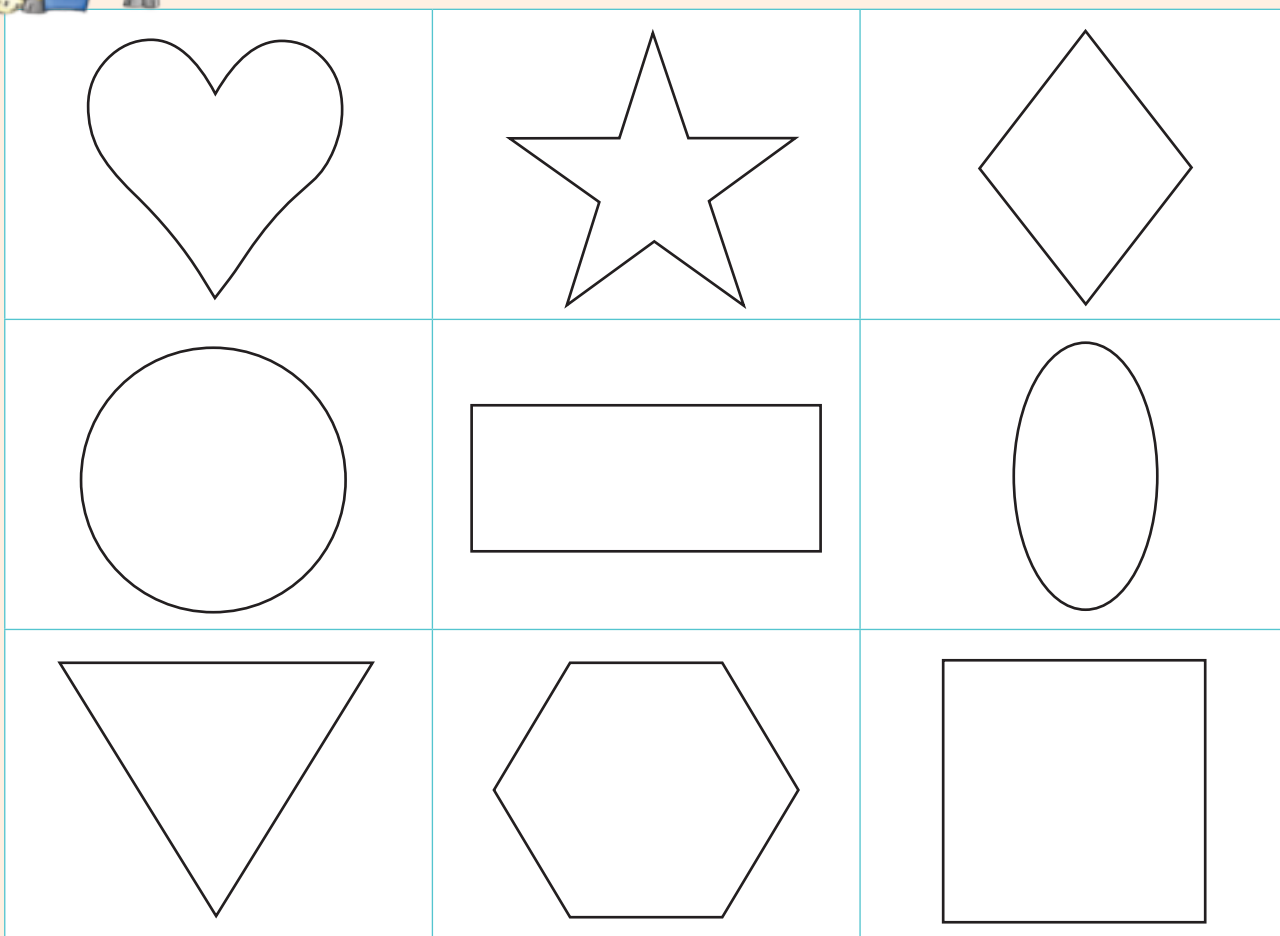
Umugca – sibuko nabobunjwa



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



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





Dvweba lela lelinye licala labunjwa.



Teacher: _____
 Sign: _____
 Date: _____

Emareyi nemafrakishini

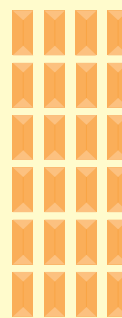
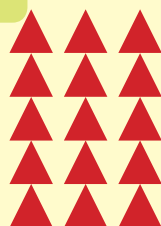
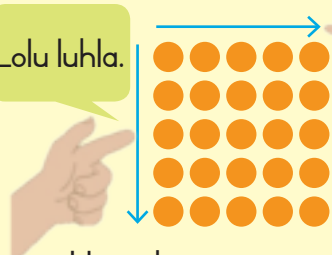
Lusuku:

Ithemu 4

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

Lolu luhla.

Lolu luhele.



Uwasebentise njani emahle netinhla kukusita?



Bangaki bobunjwa labakhona? Iyini ihhafu yinye yalabobunjwa?



Bangaki bobunjwa labakhona? Iyini incenyentsatfu yinye yabobunjwa?



Bangaki bobunjwa labakhona? Iyini ikota yinye yabobunjwa?



Bangaki bobunjwa labakhona? Iyini incenye-sihlanu yinye yabobunjwa?



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 yaletintfo?
			ikota yinye yetintfo?	incenye-sihlanu yinye yaletintfo?



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 letitfombe temakhekhana kukukhombisa indlela.

ihhafu yinye strobheri bese lokusele kuba yivanila	ikota yinye ishokholethi bese lokusele kuba yivanila	incenyentsatfu yinye ikharameli bese lokusele kuba yivanila

Teacher:
Sign:
Date:



Ifrakishini yesicumbi setintfo

Lusuku:

Ithemu 4

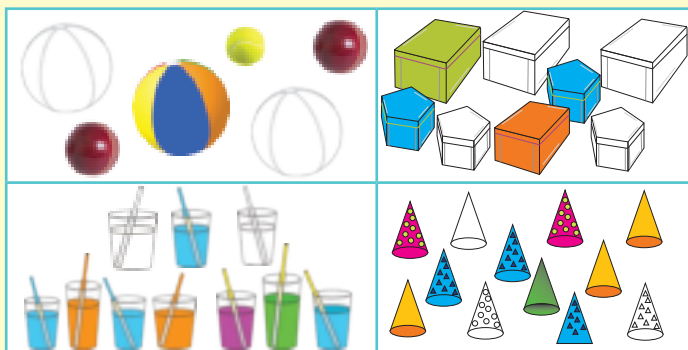
Buka letinchazelo bese uticatsanisa naletitfombe kukhombisa kutsi yifrakishini yini yaletintfo lefakwe umbala. Cocani ngako.

I ihhafu yesicumbi setintfo

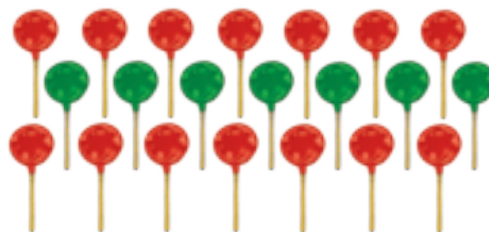
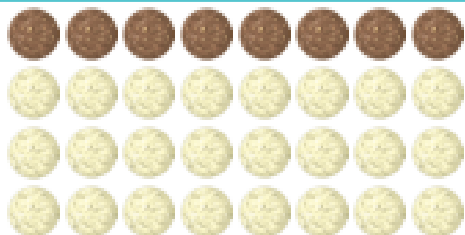
I incenyentsatfu yesicumbi setintfo

I ikota yesicumbi setintfo

I incenye-sihlanu yesicumbi setintfo



Yakha wakakho umusho ngaletitfombe 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 emabhantji. Utsengise 4.
Utsengise ifrakishini yini?

Dvwebela umbuto.

Ngutiphi tinombolo-nsika? _____

Dvweba sitfombe kukhombisa imphendvulo yakho.



Yifrakishini yini yemakhekhana lenongwe ngetulu ngashukela wabhanana?

Westrobheri?

Webhabuli-gamu?



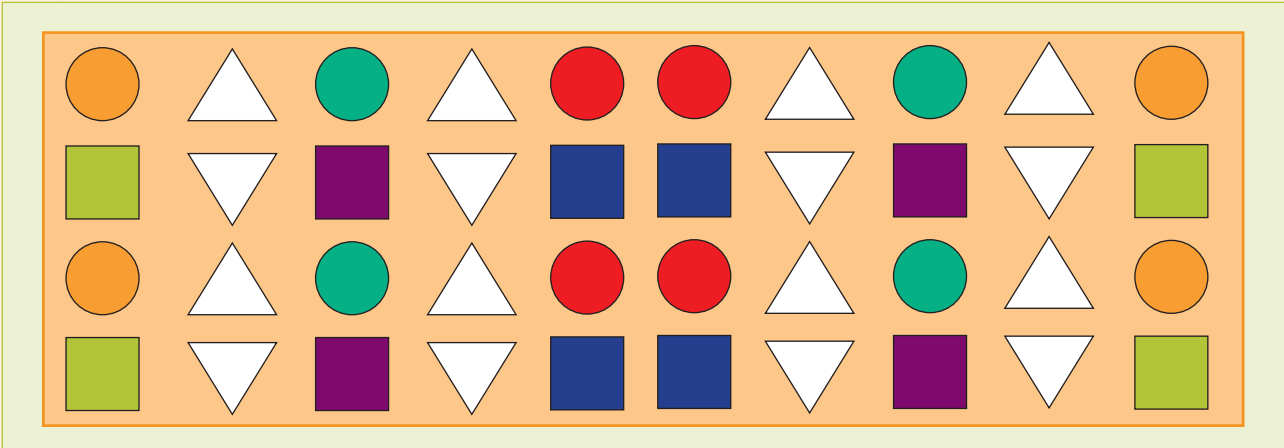
Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

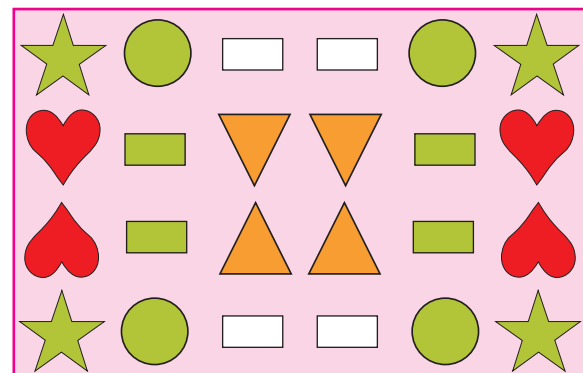
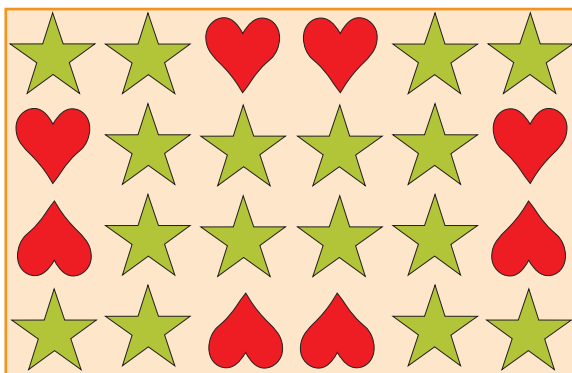
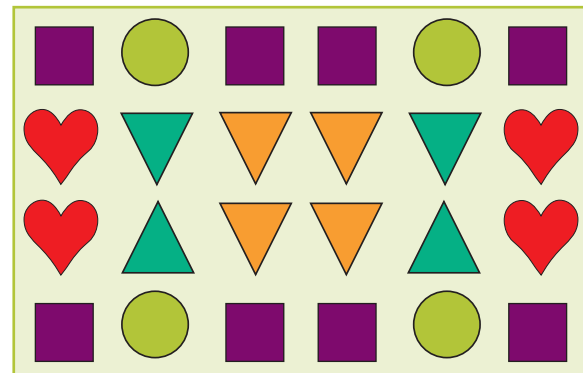
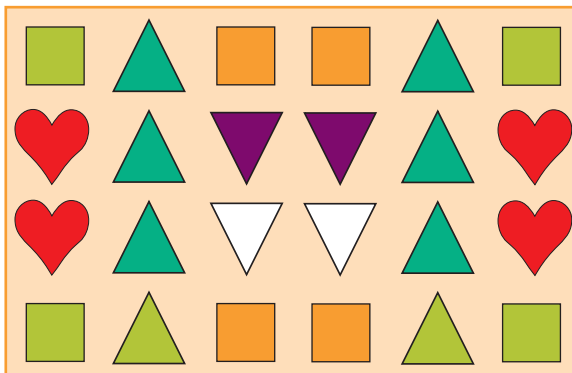


Umugca – sibuko kumaphethini

Buka letitfombe kulengubo leticephu-ticephu. Yini loyibonako?

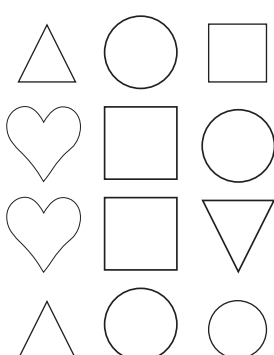
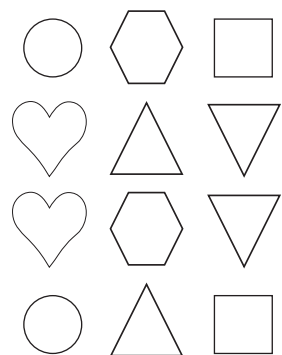
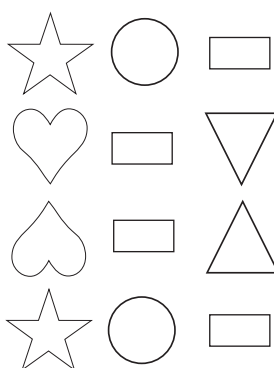
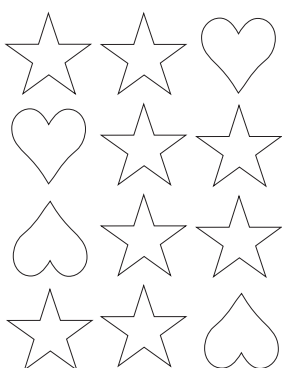
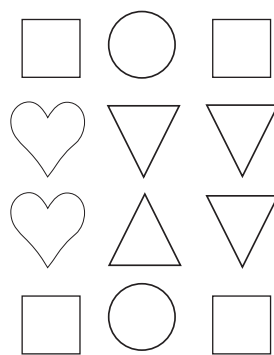
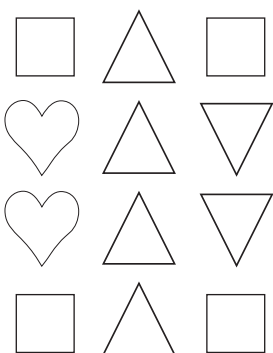


Dvweba imigca khona licala ngalinye laleticephu libukeke lifana ncwe nalela lelinye licala.





Dvweba lela lelinye licala lesicephu ngasinye.
Tifake umbala.

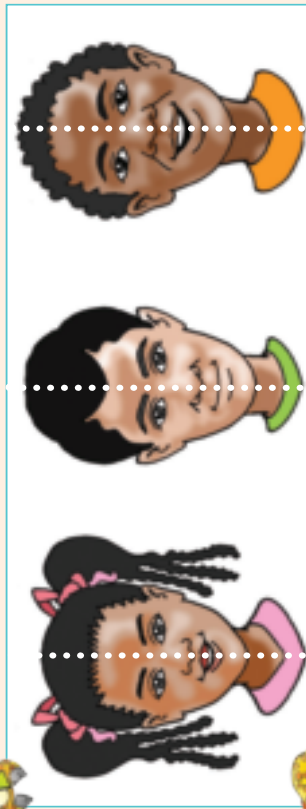


Teacher: _____
Sign: _____
Date: _____

Umugca-sibuko siyachubeka

Buka letitfombe tebuso.

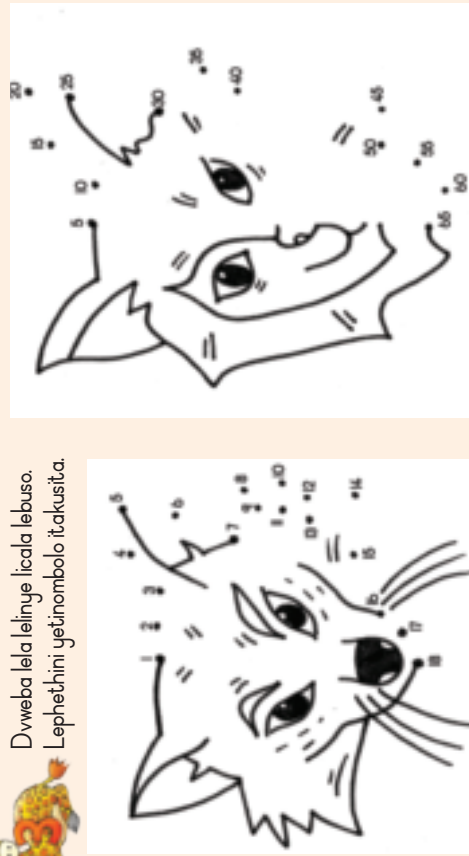
Ngabe lencenye lenye yebuso iyafana yini nangale kulelinye licala?



Dwweba umugca khona lelicala lebuso litowubukeka lifana ncwe nangale kulelinye licala.



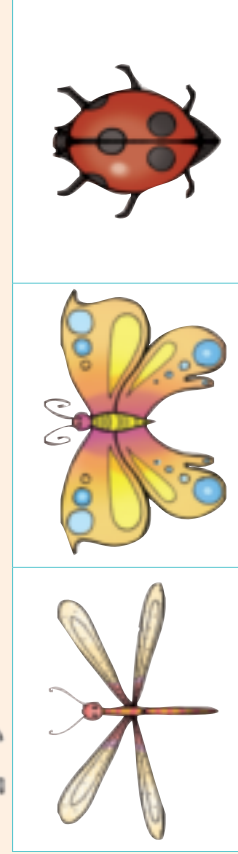
Dwweba lela lelinye licala lebuso.
Lephethini yetinombalo itakusita.



Buka letitfombe tabobunjiwa. Ngabe licala linye lesilokatana libukeka lifana yini nalela lelinye licala?



Dwweba umugca khona licala linye lesilokatana libukeka lifana ncwe nalela lelinye licala.



Dwweba lela lelinye licala letilokatana.

