



Nkhskt. Angie Motshekga.  
iNdvuna yeMfundvo yeSisekelo



UMnu Enver Surty, Liphini  
leNdvuna yeMfundvo  
yeSisekelo

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

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

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

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

Sifisela bothishela nebafundzi impumelelo basachubeka nekusebentisa letincwadzi tekusebentela.



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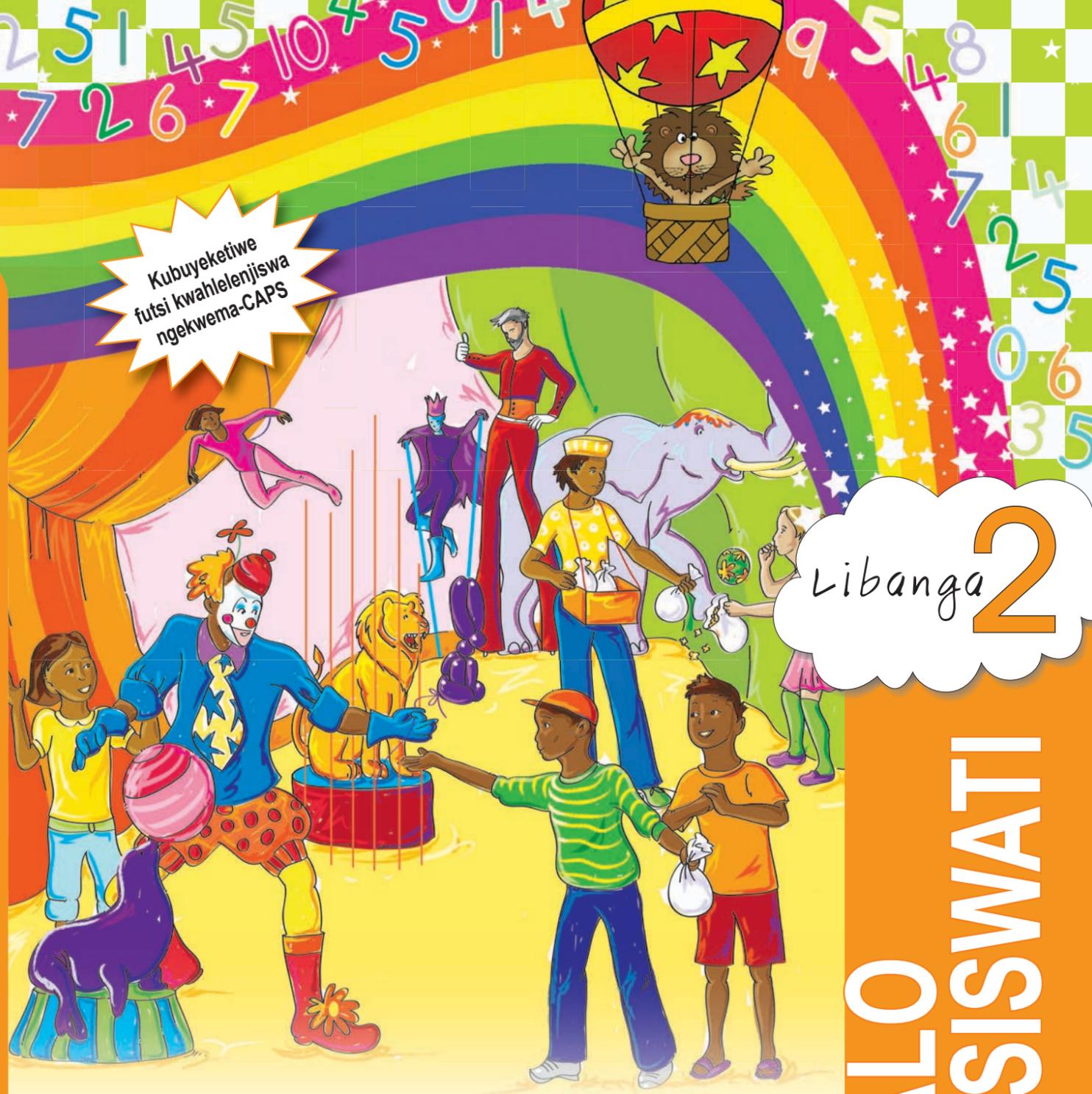
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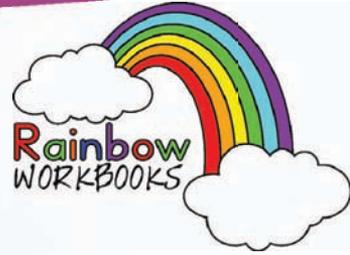
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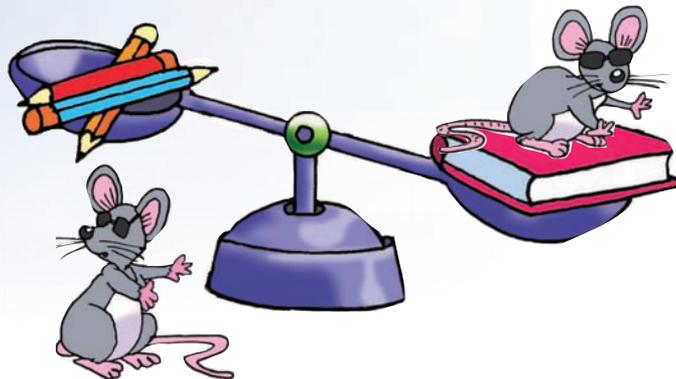
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31	32	33	34	35	36	37	38	39	40
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51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
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81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Libanga **2**



T i b a l o

Lencwadzi ya:



SISWATI

Incwadzi

2



# Tinombolo 50 – 99

Faka umbala etindilingeni letingu 58.



Bhala imphendvulo. Sibonelo sekucala sitakusita.

$\begin{array}{r} 60 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ + 3 \\ \hline \end{array}$
$\begin{array}{r} 70 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ + 9 \\ \hline \end{array}$



Bhala timphendvulo takho taloku lokungetulu ngemagama:

emashumi lasitfupha-nesiphohlongo

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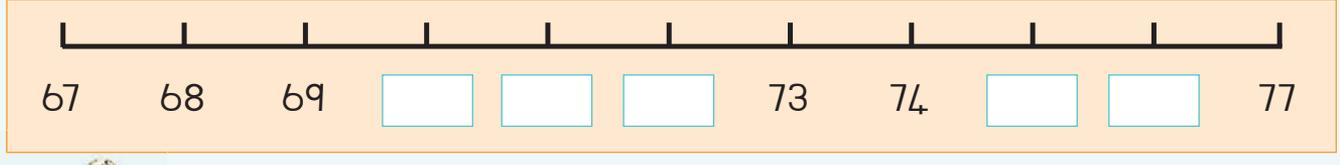
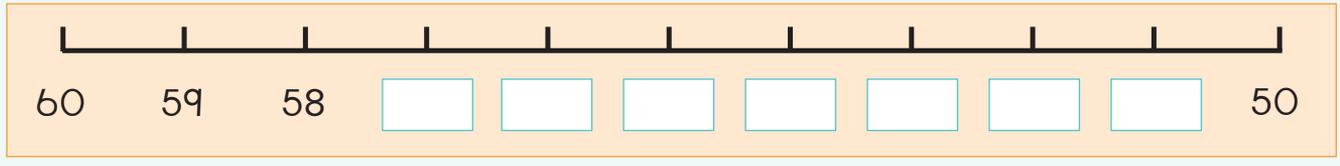
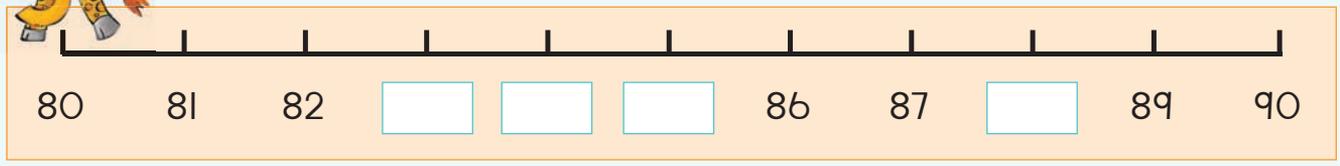


Niketa tinombolo tibe timbili letingephasana natimbili letingetulu kwalenombolo leniketiwe.

Ngephasi		Inombolo	Ngetulu	
		55		
		63		
		88		
		95		
		71		



Cedzela lemigca-nombolo.



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

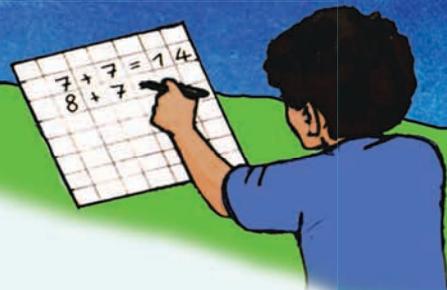


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Sign: \_\_\_\_\_

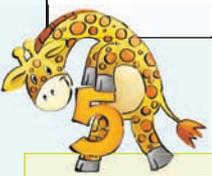
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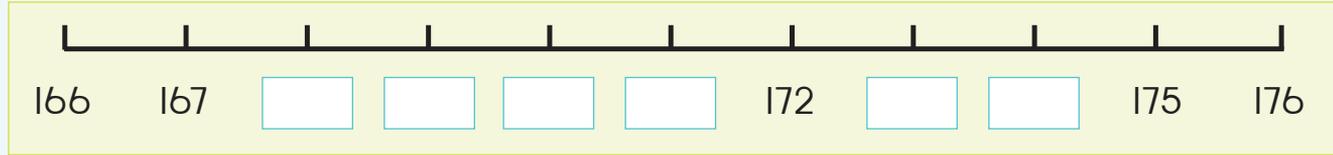
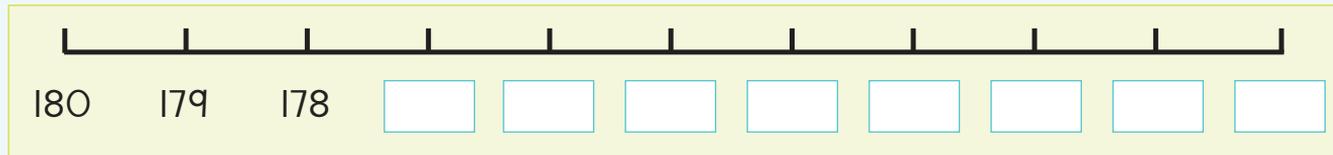
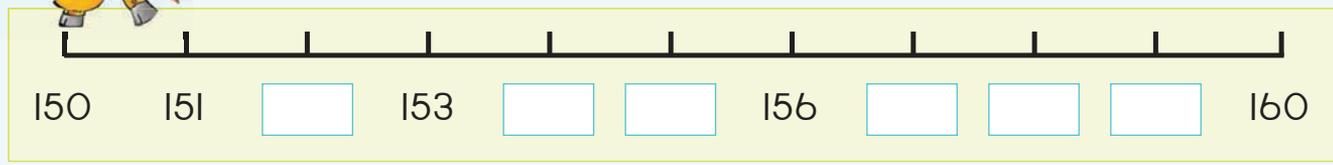


Niketa tinombolo tibe timbili letingephasana natimbili letingetulu kwalenombolo leniketiwe.

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.





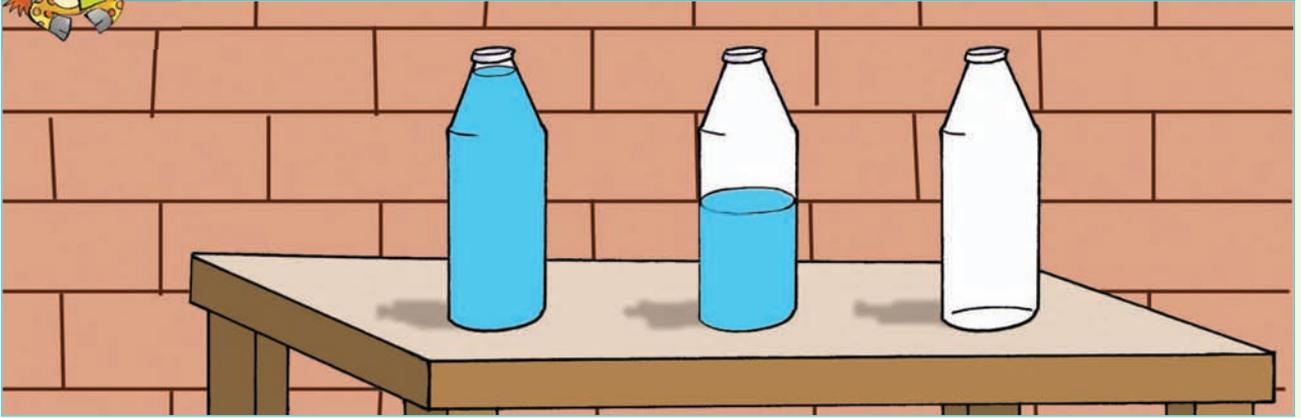
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Sign: \_\_\_\_\_

Date: \_\_\_\_\_

# Kugcwele, kunguhhafu, kute lutfo

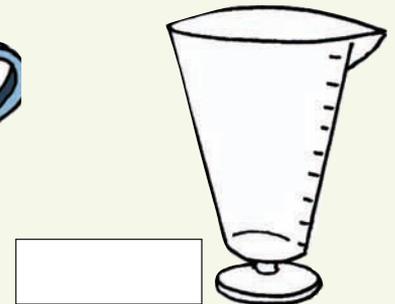
Coca ngemabhodlela etafuleni lathishela.



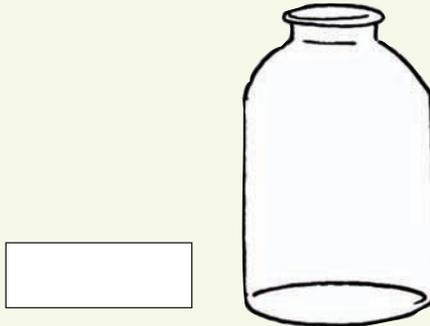
Shano kutsi kwekuphatsa kugcwele, kunguhhafu noma kute lutfo.

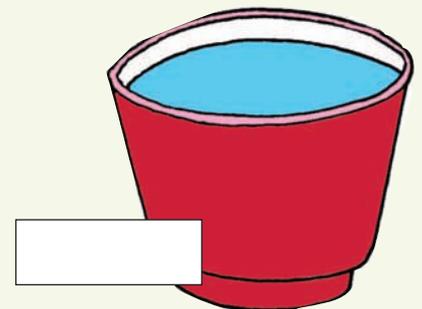


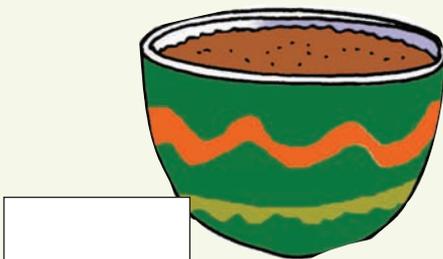




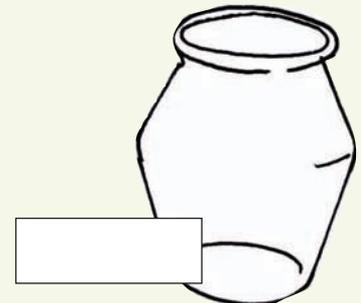


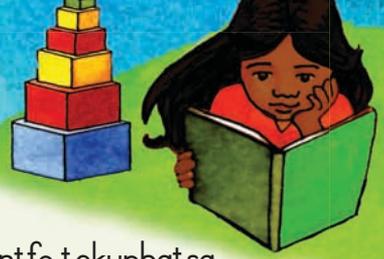
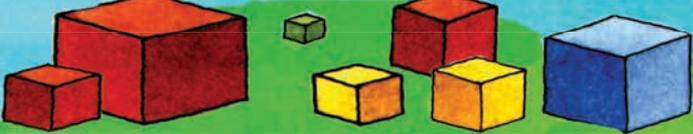






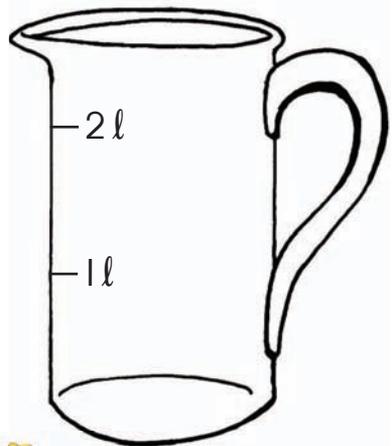




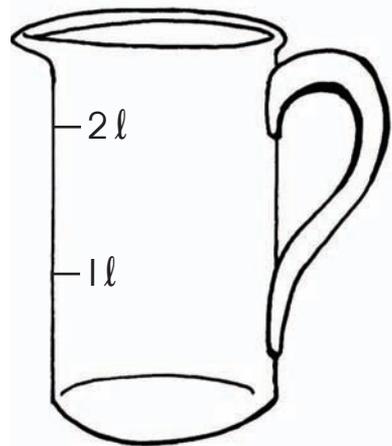


Faka umbala kukhombisa kutsi kunganani lokusamanti kuletintfo tekuphatsa.

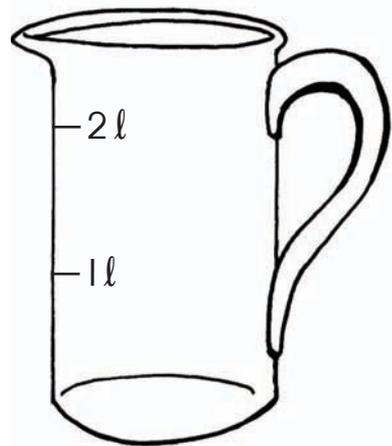
Kugcwele



Kunguhhafu



Kute lutfo



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

Kugcwele

Kunguhhafu

Kute lutfo

Blank area for coloring the measuring cup.

Blank area for coloring the measuring cup.

Blank area for coloring the measuring cup.



Ngukuphi kwekuphatsa lokwetf-wala kakhulukati?



Teacher:

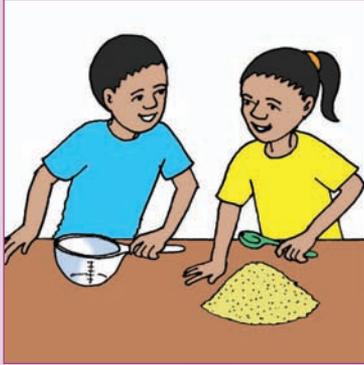
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Date:



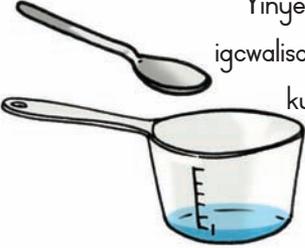
# Siyachubeka ngemtsamo

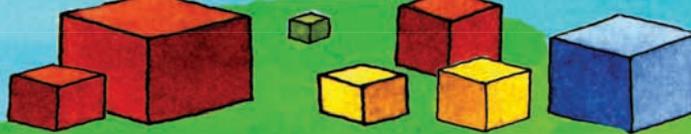
Buka letitfombe. Bentani labantfwana?



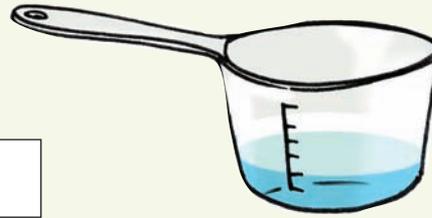
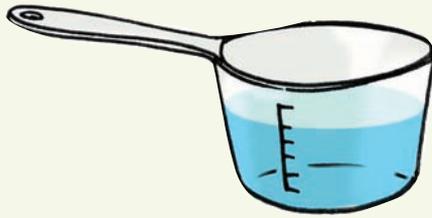
Tinkhezo titaligwalisa kufika kuphi lijeke? Faka umbala.

Yinye ithesipunu igwalisa lenkomishi kufika lapha.



Tingaki tinkhezo letinye lotidzingako futsi kugcwalisa lenkomishi yekukala?



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

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Teacher:  
Sign:  
Date:



# Tinombolo 150 – 170

Faka umbala ku 162 wetindilinga.



Bhala inombolo yaloku:

$$\begin{array}{r} 100 \\ 50 \\ 2 \\ \hline \end{array}$$

$$100 + 50 + 2 = 152$$



$$\begin{array}{r} 100 \\ 60 \\ 7 \\ \hline \end{array}$$

=

$$\begin{array}{r} 100 \\ 70 \\ \hline \end{array}$$

=

$$\begin{array}{r} 100 \\ 60 \\ 9 \\ \hline \end{array}$$

=

$$\begin{array}{r} 100 \\ 50 \\ 4 \\ \hline \end{array}$$

=

$$\begin{array}{r} 100 \\ 60 \\ 1 \\ \hline \end{array}$$

=



Ngutiphi tinombolo letita emkhatsini:

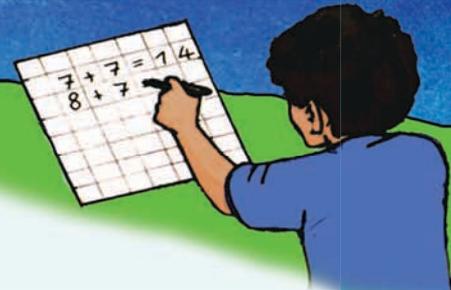
150 na 155 \_\_\_\_\_

158 na 162 \_\_\_\_\_

170 na 165 \_\_\_\_\_

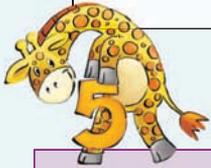
163 na 167 \_\_\_\_\_

172 na 166 \_\_\_\_\_

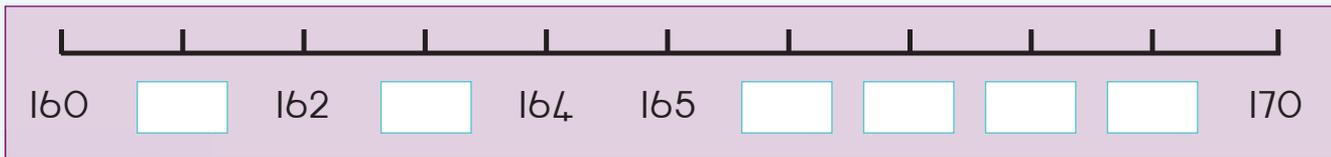
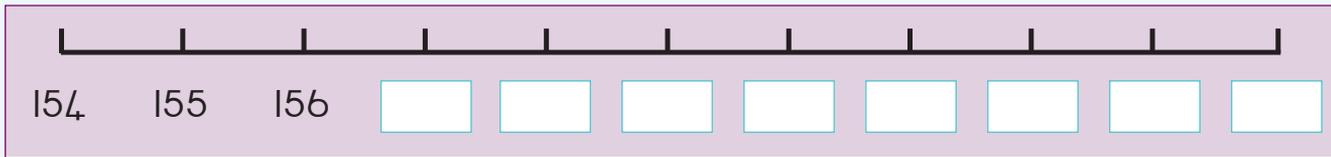
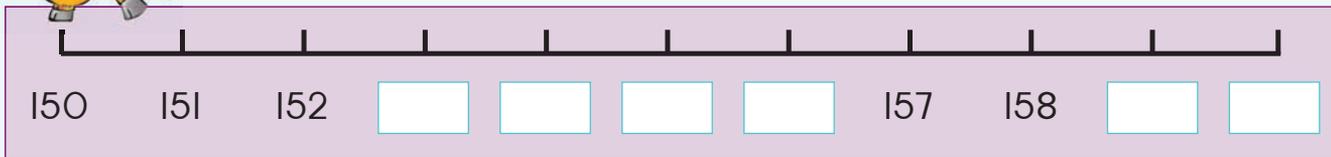


Niketa tinombolo tibe timbili letingephasana natimbili letingetulu kwalenombolo leniketiwe.

Ngephasi	Inombolo	Ngetulu
	155	
	168	
	151	
	162	
	160	



Cedzela lemigca-nombolo.



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

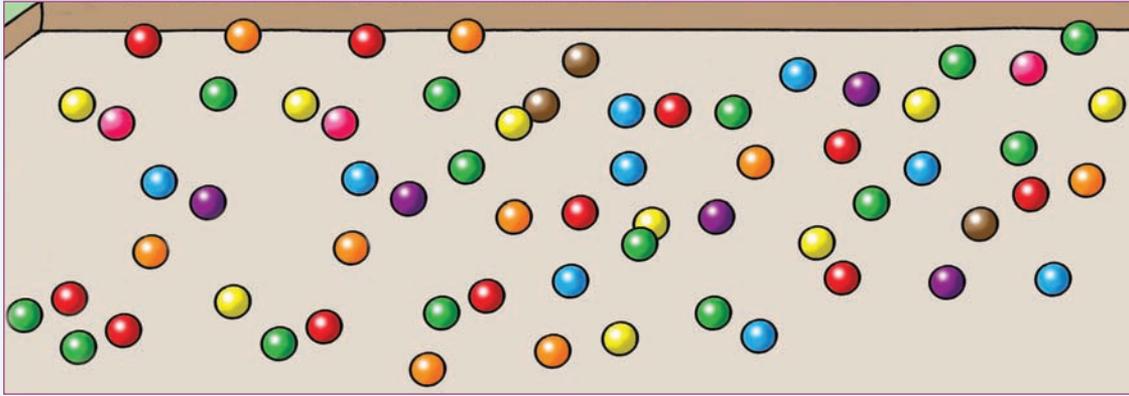


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 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



# Kubala nekulinganisela (0 – 100)

Linganisela bese ubala lobuhlalu.

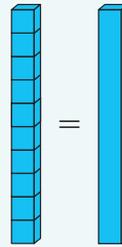


linganisela

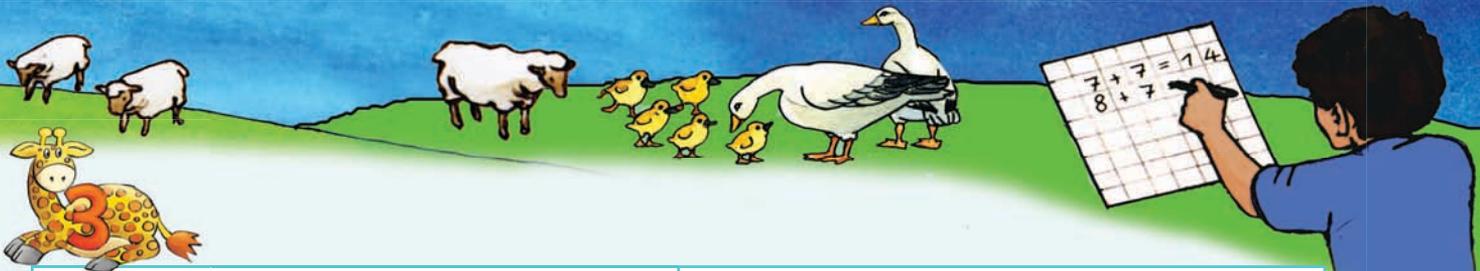
bala ngesineke



Kuna IO wemabhuloki kulesibaya.  
Linganisela bese uyabala.



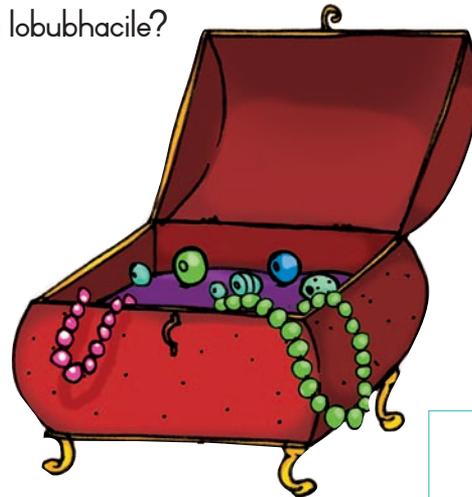
<p>linganisela <input type="text"/></p> <p>bala ngesineke <input type="text"/></p>	<p>linganisela <input type="text"/></p> <p>bala ngesineke <input type="text"/></p>
<p>linganisela <input type="text"/></p> <p>bala ngesineke <input type="text"/></p>	<p>linganisela <input type="text"/></p> <p>bala ngesineke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



Kuna 42 wemaswidi ebhokisini.  
Mangaki labhacile?



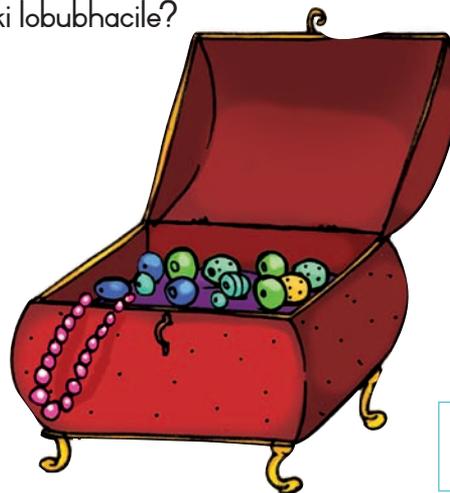

Kuna 50 webuhlalu ebhokisini.  
Bungaki lobubhacile?




Kuna 78 wemaswidi ebhokisini.  
Mangaki labhacile?



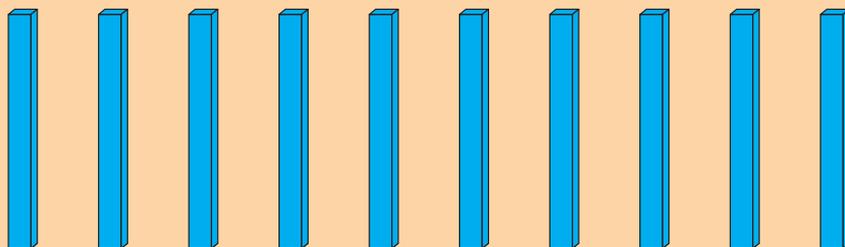

Kuna 100 webuhlalu ebhokisini.  
Bungaki lobubhacile?





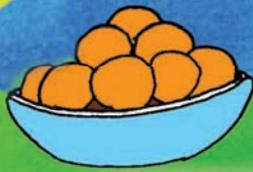
Ungakwenta masingane kanganani loku?

Sibaya ngasinye siphatsa 10 wemabhuloki. Mangaki emabhuloki lakhona lapha?





Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



## Imininingwane siyachubeka



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




















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

INKHOMBA: 



Phendvula lemibuto lelandzelako:

Tingaki timbali letisamsobo letikhona?

Tingaki timbali letibovu letikhona?

Tingaki timbali letiluhlata lokusamsobo letikhona?

Tingaki timbali letiphinki letikhona?

Tingaki timbali letimtfubi letikhona?

Ngumuphi umbala wembali lodvume kakhulu?

Ngumuphi umbala wembali longakadvumi?

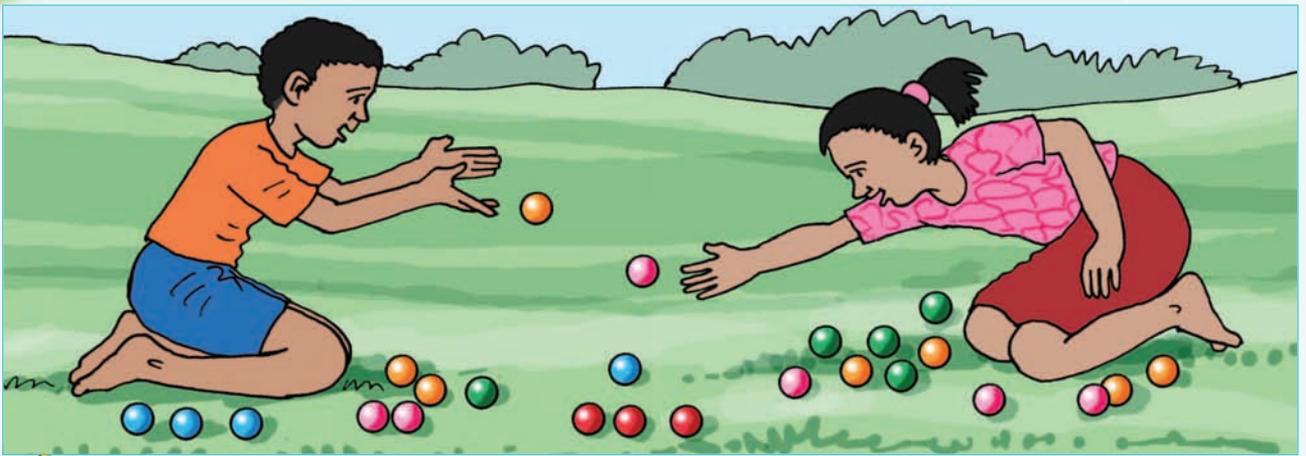
Ngumuphi umbala wembali lowutsandza kakhulu?



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



# Kuhlanganisa 0 – 50



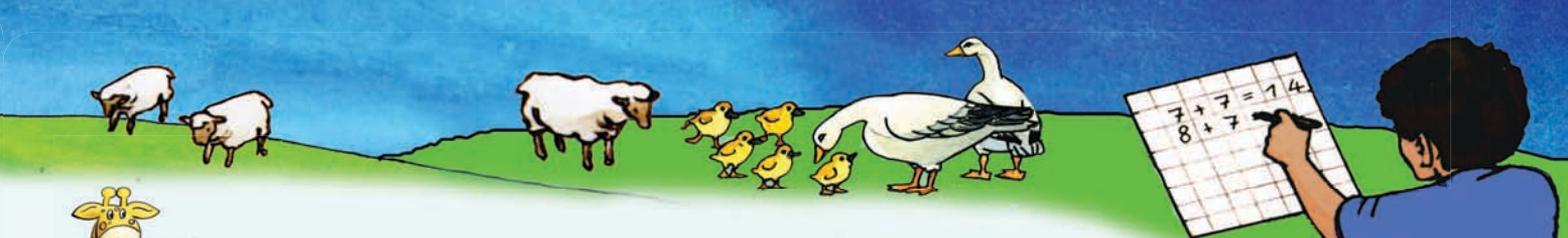
Buka kulesitfombe bese uhlanganisa lamamabuli.

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



Catsanisa lamakhadi. Dvweba umugca usuke esibalweni uye emakhadini langiwo.

<div style="background-color: red; color: white; padding: 5px; text-align: center; font-weight: bold;">2</div> <div style="background-color: blue; color: white; padding: 5px; text-align: center; font-weight: bold;">1 0</div>	<div style="background-color: red; color: white; padding: 5px; text-align: center; font-weight: bold;">5</div> <div style="background-color: blue; color: white; padding: 5px; text-align: center; font-weight: bold;">2 0</div>	<div style="background-color: red; color: white; padding: 5px; text-align: center; font-weight: bold;">3</div> <div style="background-color: blue; color: white; padding: 5px; text-align: center; font-weight: bold;">3 0</div>	<div style="background-color: red; color: white; padding: 5px; text-align: center; font-weight: bold;">7</div> <div style="background-color: blue; color: white; padding: 5px; text-align: center; font-weight: bold;">4 0</div>
$7 + 40 = 47$	$10 + 2 = 12$	$20 + 5 = 25$	$3 + 30 = 33$



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

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

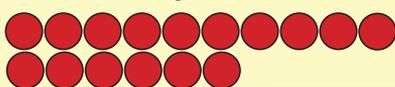
$$\square + \square = \square$$

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:



# Kuhlanganisa 0 – 75



Catsanisa lamakhadi.

$$\begin{array}{r} 1 \\ 5 \end{array} + \begin{array}{r} 10 \\ 10 \end{array}$$

$$\begin{array}{r} 6 \\ 2 \end{array} + \begin{array}{r} 20 \\ 10 \end{array}$$

$$\begin{array}{r} 3 \\ 5 \end{array} + \begin{array}{r} 20 \\ 30 \end{array}$$

$$\begin{array}{r} 4 \\ 4 \end{array} + \begin{array}{r} 40 \\ 30 \end{array}$$



Hlanganisa.

$$12 + 11$$

$$\begin{array}{l} \square + \square + \square + \square \\ = \square + \square + \square + \square \\ = \square + \square \\ = \square \end{array}$$

$$23 + 41$$

$$\begin{array}{l} \square + \square + \square + \square \\ = \square + \square + \square + \square \\ = \square + \square \\ = \square \end{array}$$



Cedzela.

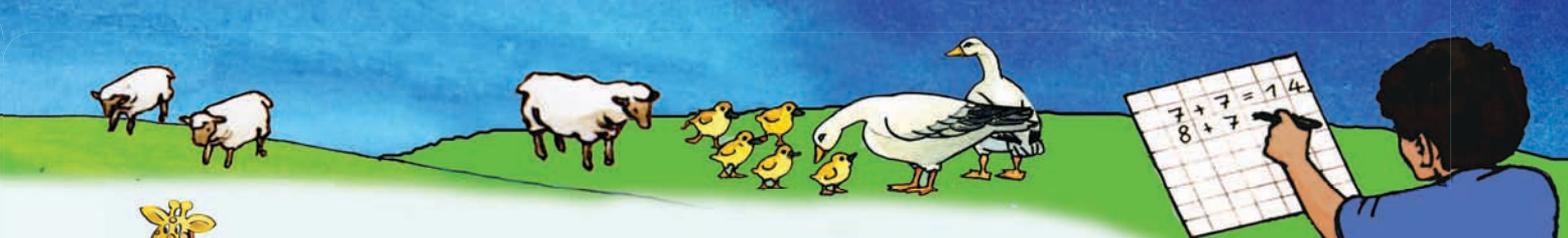
$$28 + 11 = \begin{array}{r} 2 \\ 8 \end{array} + \begin{array}{r} 10 \\ \end{array} + \begin{array}{r} 1 \\ \end{array} = 38 + 1 = 39$$

$$34 + 12 = \begin{array}{r} 3 \\ 4 \end{array} + \begin{array}{r} 10 \\ \end{array} + \begin{array}{r} 2 \\ \end{array} = \square + \square = \square$$

$$43 + 23 = \begin{array}{r} 4 \\ 3 \end{array} + \begin{array}{r} 20 \\ \end{array} + \begin{array}{r} 3 \\ \end{array} = \square + \square = \square$$

$$45 + 23 = \begin{array}{r} 4 \\ 5 \end{array} + \begin{array}{r} 20 \\ \end{array} + \begin{array}{r} 3 \\ \end{array} = \square + \square = \square$$

$$56 + 11 = \begin{array}{r} 5 \\ 6 \end{array} + \begin{array}{r} 10 \\ \end{array} + \begin{array}{r} 1 \\ \end{array} = \square + \square = \square$$



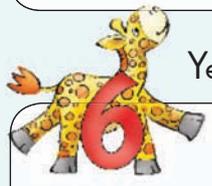
Hlanganisa.

$21 + 10 = \square$	$53 + 10 = \square$	$46 + 10 = \square$
$68 + 10 = \square$	$37 + 10 = \square$	$42 + 10 = \square$
$74 + 10 = \square$	$19 + 10 = \square$	$55 + 10 = \square$



Sibalo sa 47 na 6 ngu?

Dvweba sitfombe kukhombisa imphendvulo yakho.



Yenta sibalo sakho semagama ngekusebentisa titfombe.




Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



# Kuhlanganisa nekususa: 0 – 75



Condzanisa emakhadi. Dvweba umugca kusuka esibalweni kuya emakhadini langiwo.

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$7 + 40 = 47$

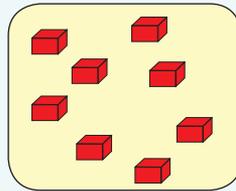
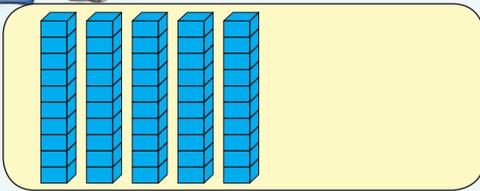
$60 + 9 = 69$

$50 + 5 = 55$

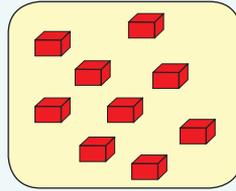
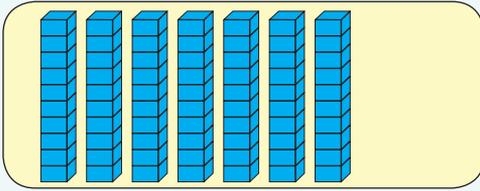
$4 + 70 = 74$



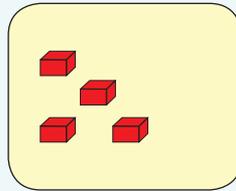
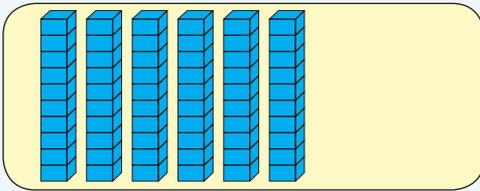
Bhala sibalo saloku lokulandzelako bese uyakuhlanganisa.



$\square + \square = \square$



$\square + \square = \square$



$\square + \square = \square$



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.

$56 + 15$

56 + 15 = 71

$34 + 17$

  +   =  

$48 + 13$

  +   =  

$63 - 41$

  -   =  

$75 - 51$

  -   =  

$72 - 49$

  -   =  



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



Itsini ithothali? \_\_\_\_\_

Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



# Emabhola, emabhokisi nemibhoshongo

Ithemu 3



Usakhumbula nje kutsi bobunjwa labanjani laba?

Lamagama angakusita:

- emabhokisi
- emabhola
- imibhoshongo

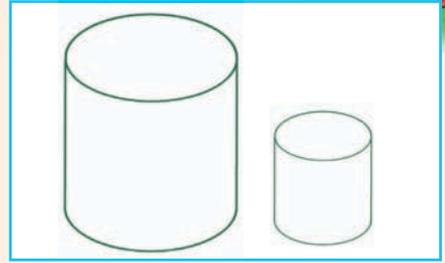
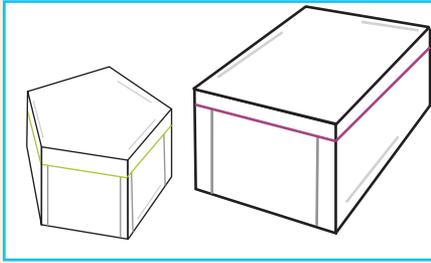


Bekisa emabhola, emabhokisi nemibhoshongo ngekubhala lelogama ngephasi kwaleyontfo ngayinye.

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



Faka umbala lolingangane etintfweni letincanyana.



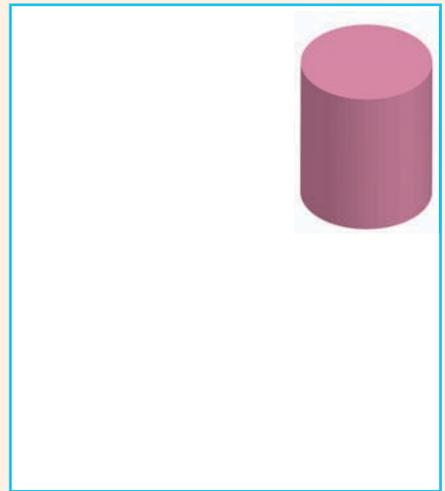
emabhokisi

emabhola

imibhoshongo



Dvweba intfo lenkhudlwana.



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

Four horizontal lines for writing an answer.



Teacher: Sign: Date:



# Shelela, gicika ubuye wakhe ngetintfo letiyi 3-D

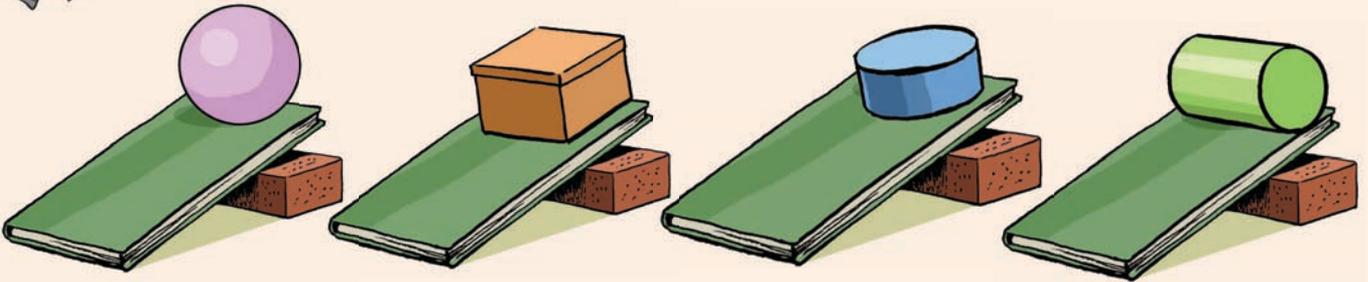


Thishela wakho utakwenta lomsebenti ngetandla kanye nani kubona kutsi ngabe loku lokulandzelako kutawusimama yini:

- 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.



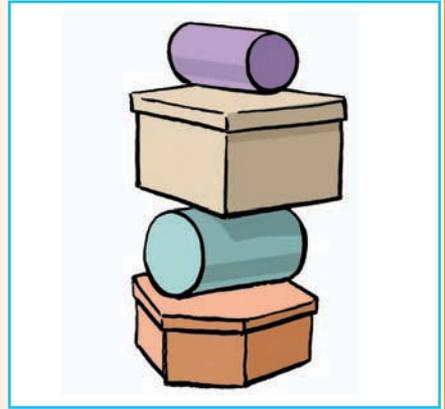
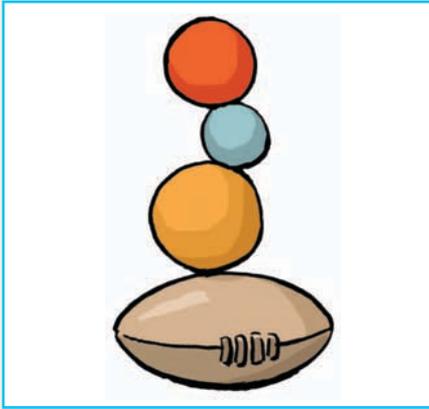
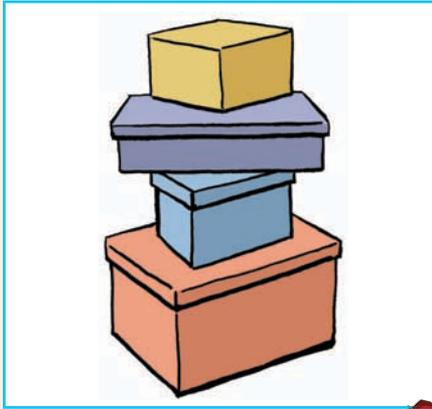
Tfola titfombe tetintfo letitawugicika noma tishhelele kubomagazini utinamatsisele lapha.

gicika

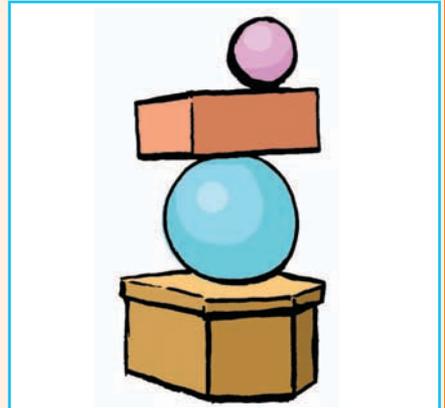
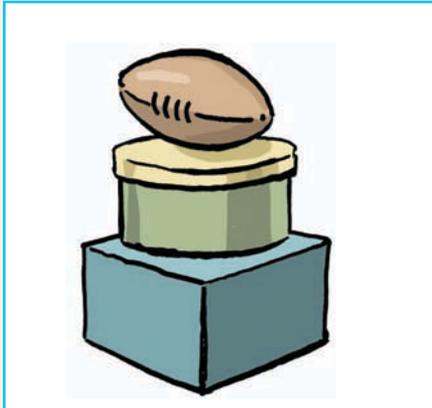
shelela



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:



# Siyachubeka kuhlanganisa nekususa 0 – 75



Hlanganisa tinombolo ebhulokini ngayinye bese ubhala phansi imphendvulo.

<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 5px;">2</div> <div style="background-color: blue; color: white; padding: 5px; margin-bottom: 5px;">5 0</div> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 5px;">3</div> <div style="background-color: blue; color: white; padding: 5px; margin-bottom: 5px;">2 0</div> <div style="border: 1px solid black; width: 60px; height: 20px; margin-bottom: 5px;"></div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 5px;">7</div> <div style="background-color: blue; color: white; padding: 5px; margin-bottom: 5px;">5 0</div> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 5px;">2</div> <div style="background-color: blue; color: white; padding: 5px; margin-bottom: 5px;">1 0</div> <div style="border: 1px solid black; width: 60px; height: 20px; margin-bottom: 5px;"></div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 5px;">4</div> <div style="background-color: blue; color: white; padding: 5px; margin-bottom: 5px;">4 0</div> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 5px;">3</div> <div style="background-color: blue; color: white; padding: 5px; margin-bottom: 5px;">1 0</div> <div style="border: 1px solid black; width: 60px; height: 20px; margin-bottom: 5px;"></div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 5px;">8</div> <div style="background-color: blue; color: white; padding: 5px; margin-bottom: 5px;">3 0</div> <div style="background-color: red; color: white; padding: 5px; margin-bottom: 5px;">1</div> <div style="background-color: blue; color: white; padding: 5px; margin-bottom: 5px;">2 0</div> <div style="border: 1px solid black; width: 60px; height: 20px; margin-bottom: 5px;"></div> </div>
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Hlanganisa 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	=		+		=	



Hlanganisa.

$$41 + 10 = \square$$

$$44 + 10 = \square$$

$$71 + 10 = \square$$

Kuhlanganiswa kwa 36 na 24 ngu\_\_\_\_\_.

Dweba sitfombe kukhombisa imphendvulo yakho.



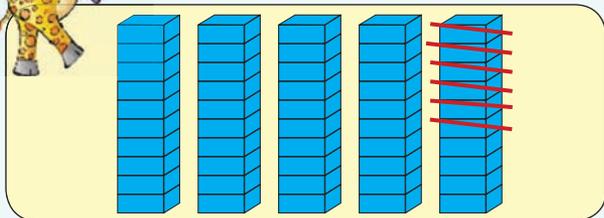


Khipha tinombolo letingaphasi kuleti letingetulu.

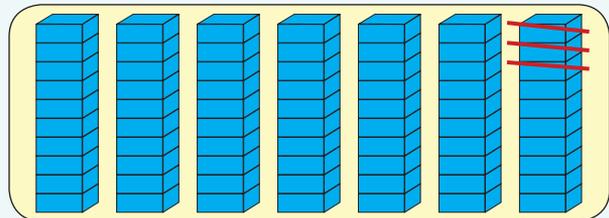
5	7 0	2	6 0	7	5 0	9	3 0
3	4 0	1	2 0	6	1 0	5	1 0



Bhala sibalo saloku lokulandzelako.



$$\square - \square = \square$$



$$\square - \square = \square$$



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.

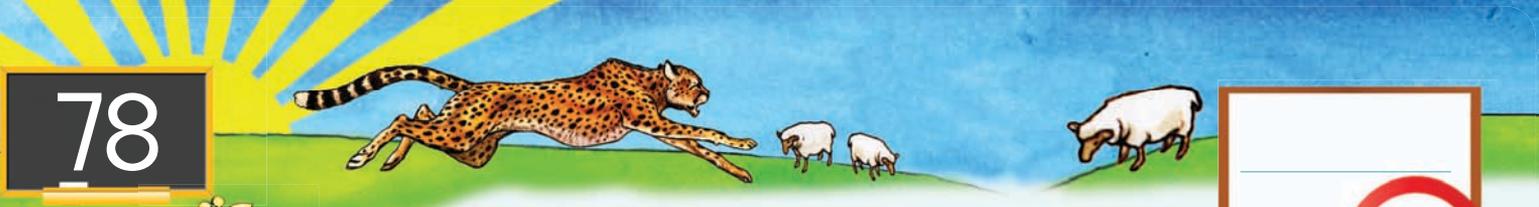


Mangaki emamabuli lasele? \_\_\_\_\_

Teacher:

Sign:

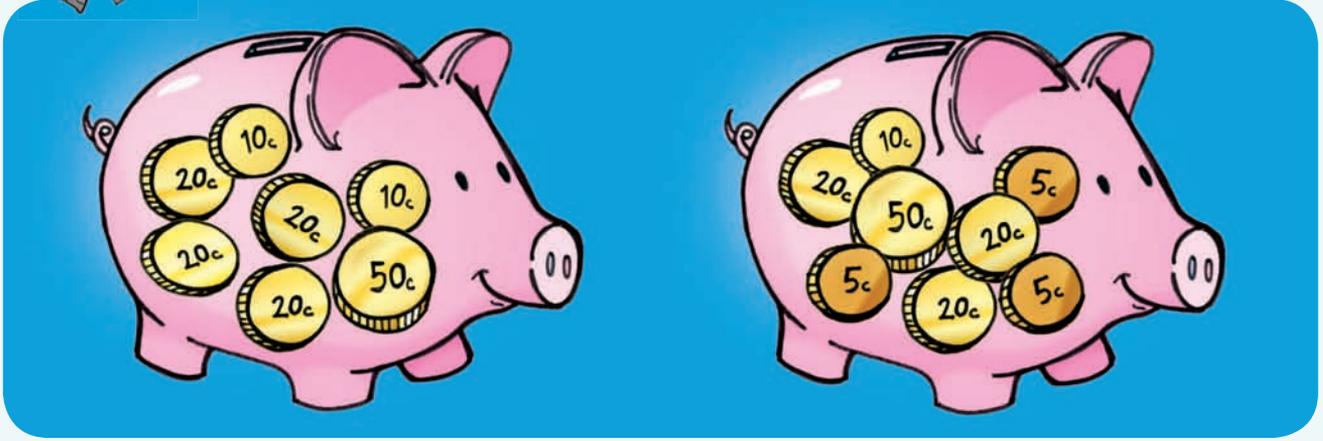
Date:



# Siyachubeka ngemali



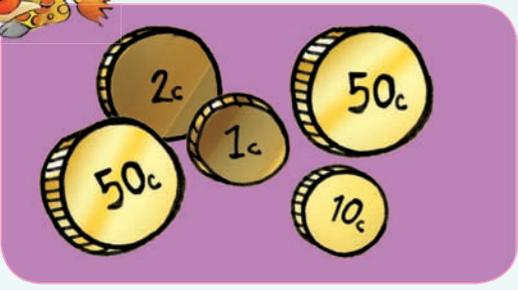
Liyini lidlela-ntfongeni lami?

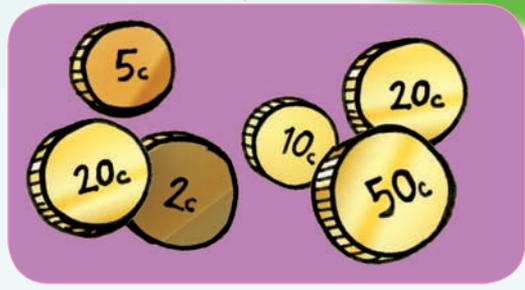


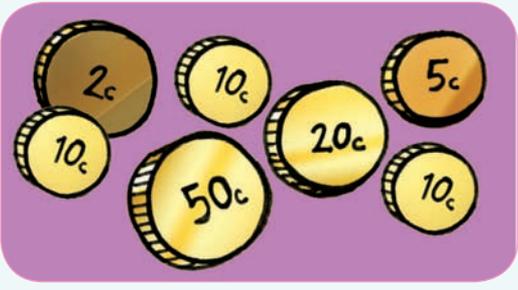
Sebentisa imali yensimbi lekuKwekusiwa 3 unamatsisele emanani langiwo lapha.

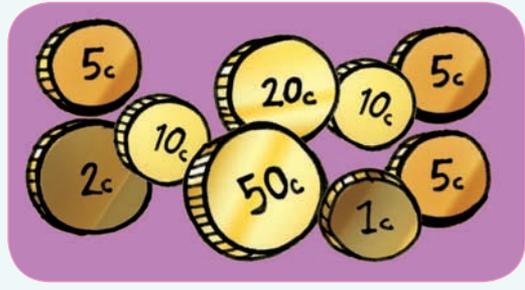



Mangaki emasenti?



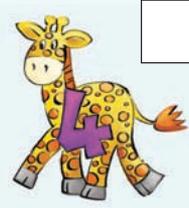












Tibalo-magama:

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:

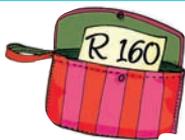
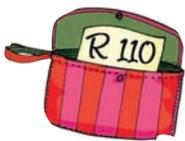


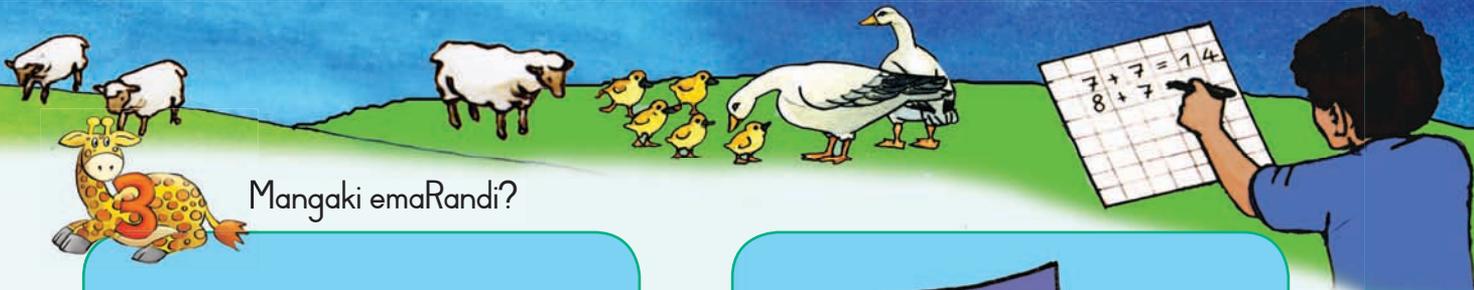
# Siyachubeka ngemali yeliphepha

Ngumalini losesipatjini sami?



Sebentisa imali lemaphepha lekuKwekusikwa 3 unamatsisele emanani langiwo lapha.





Mangaki emaRandi?

Diagram showing two banknotes: a purple R100 and a pink R50.

Diagram showing four banknotes: two purple R100 and two brown R20.

Diagram showing four banknotes: three yellow R10 and one purple R100.

Diagram showing four banknotes: one yellow R10, one brown R20, and one purple R100.

Diagram showing five banknotes: one brown R20, one yellow R10, one purple R100, and one pink R50.

Diagram showing seven banknotes: one purple R100, one brown R20, one yellow R10, one pink R50, and three brown R20.



Tibalo-magama:

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

---

Ngina R160. Ngitsenge lishethi nga R50. Sengisele namalini?

---

Teacher:

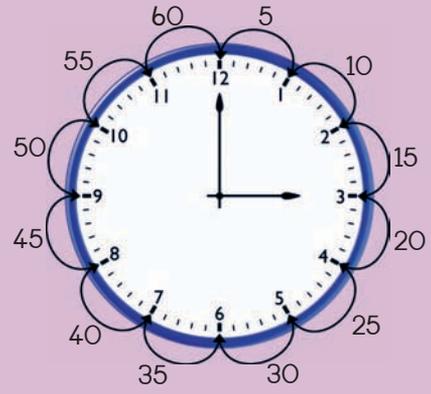
Sign:

Date:



Coca ngeliwashi.

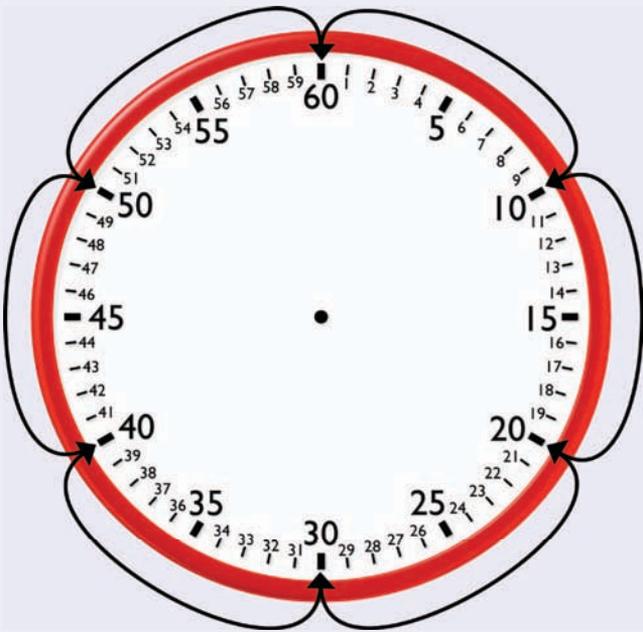
# Iphethini yesikhatsi



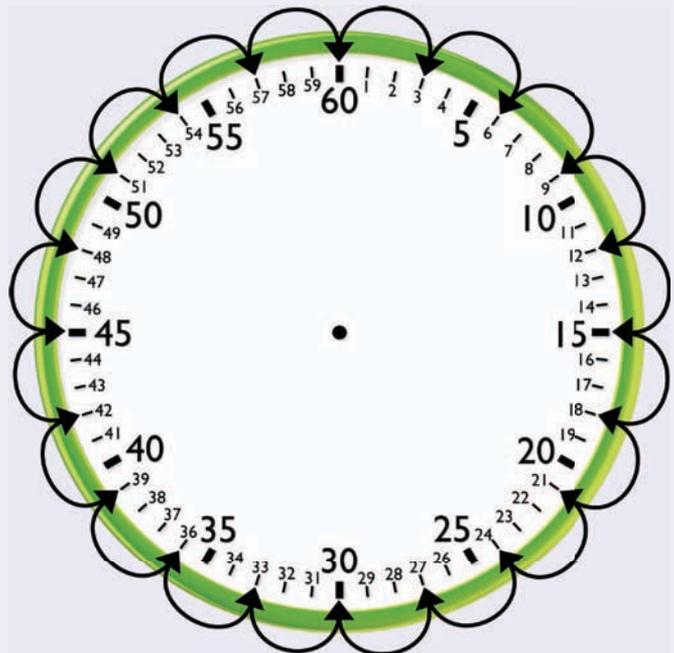
Liwashi lisikhomba sikhatsi.  
 Lutsi lolufisha lusikhomba ema-awa.  
 Lutsi loludze lusikhomba imizuzu.  
 Lapha sibala imizuzu ngetihlanu.



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



10 \_\_\_\_\_

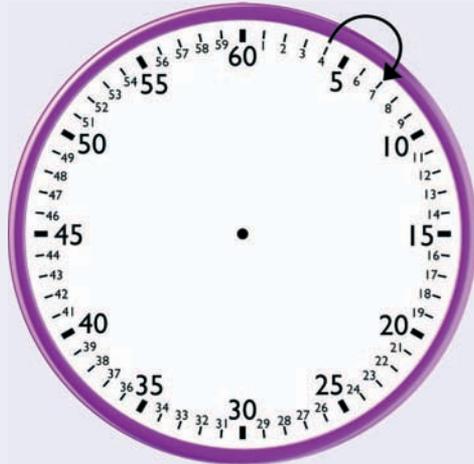


3, \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

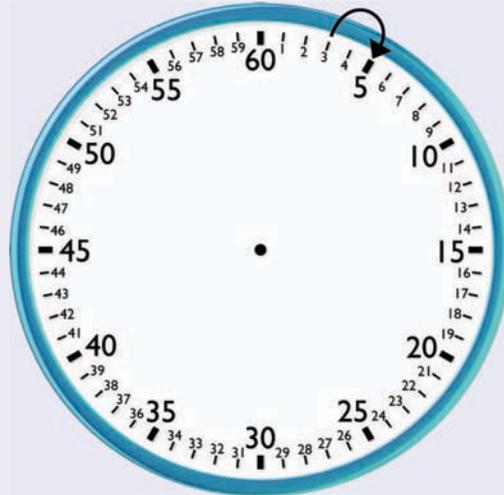


Khombisa iphethini usebentisa butjoki.

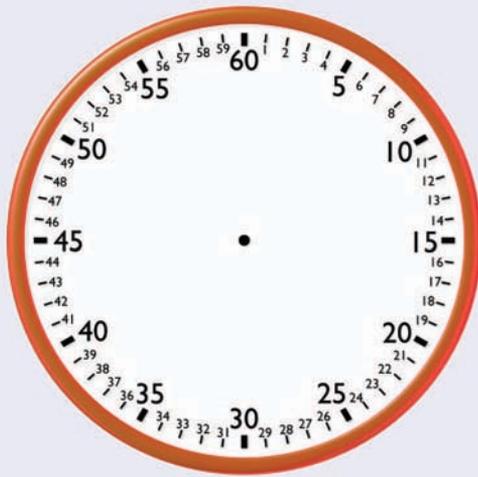
Bala ngabo 3 ucale ku 4.



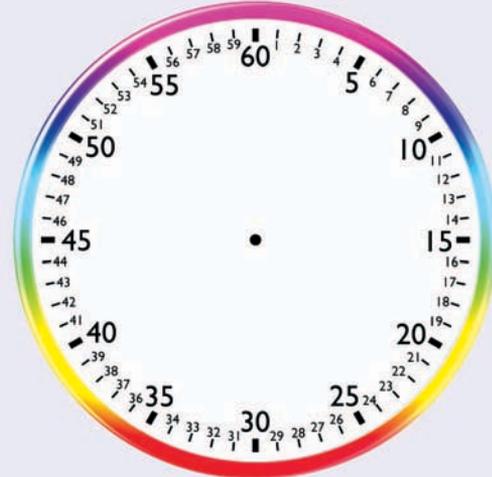
Bala ngabo 2 ucale ku 3.



Bala ngabo 10 ucale ku 1.



Bala ngabo 5 ucale ku 2.



Uya ngabani sikhatsi esikolwenil?



Uya ngabani sikhatsi ekhaya?



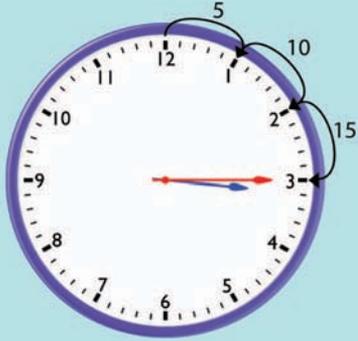
Usidla ngabani sikhatsi sidlo sakusihlwa?



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



Coca ngeliwashi.



## Ema – awa nemizuzu

Lutsi lolufisha lusikhomba kutsi sekushaye kwengca 3 wema-awa.

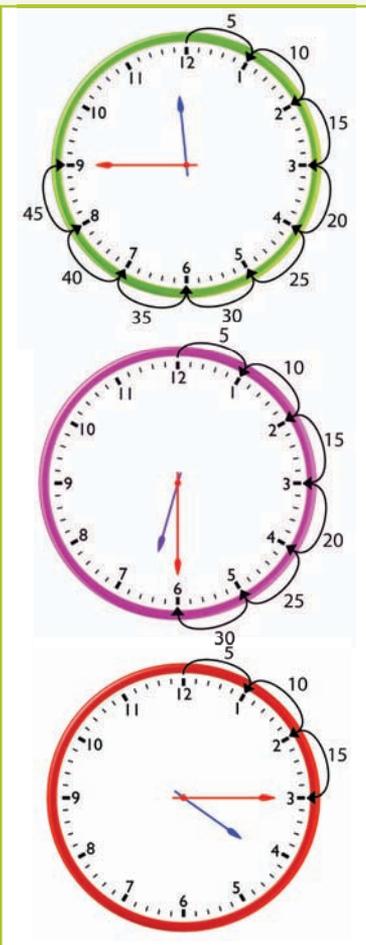
Lutsi loludze lusikhomba kutsi ngu 15 wemizuzu.

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 \_\_\_\_\_.

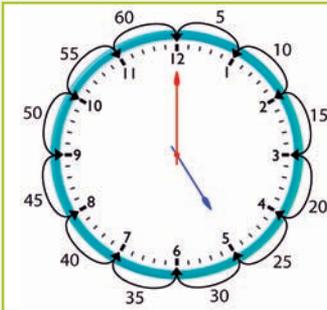
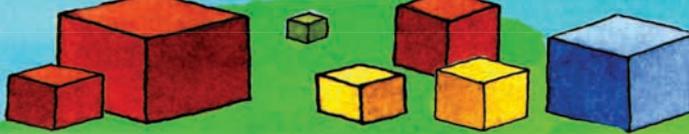
Lutsi loludze lusikhombisa \_\_\_\_\_.

Sitsi ngu \_\_\_\_\_.

Lutsi lolufisha lusikhombisa \_\_\_\_\_.

Lutsi loludze lusikhombisa \_\_\_\_\_.

Sitsi ngu \_\_\_\_\_.



Lutsi lolufisha lusikhombisa \_\_\_\_\_ .

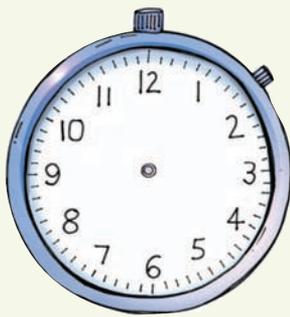
Lutsi loludze lusikhombisa \_\_\_\_\_ .

Sitsi ngu \_\_\_\_\_ .

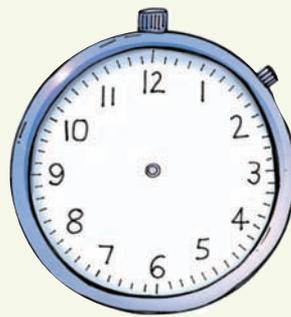


Dweba lutsi loludze nelutsi lolufisha.

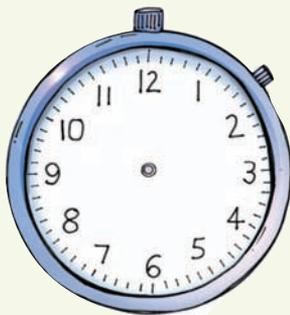
Lishumi  
nesihlanu  
emva  
kweyesibili.



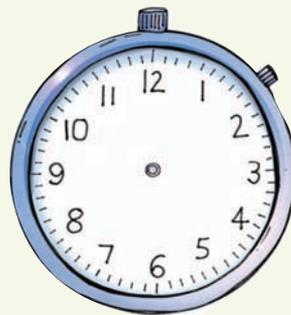
Igabence  
insimbi  
yemfica.



Yinsimbi  
yelishumi  
enhloko.



Lishumi  
nesihlanu embi  
kweyesitfupha.



Uyaye wenteni i ngalesikhatsi emkhatsini neliviki? Dweba sitfombe.

Lishumi nesihlanu emva kweyesiphohlono ekuseni.

Lishumi nesihlanu emva kweyesiphohlongo kusihlwa.



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

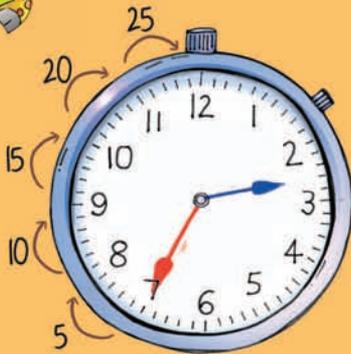
Date: \_\_\_\_\_

## 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 \_\_\_\_\_.

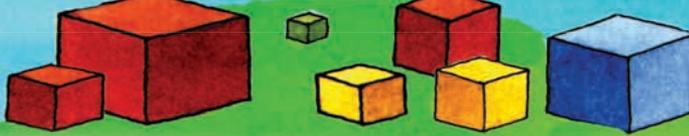


Lutsi lolufisha \_\_\_\_\_.

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.

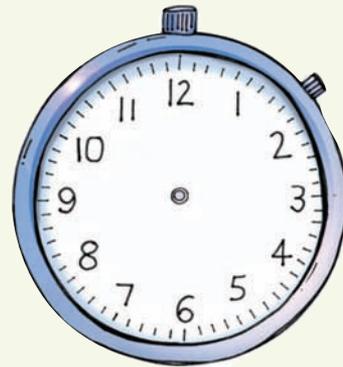
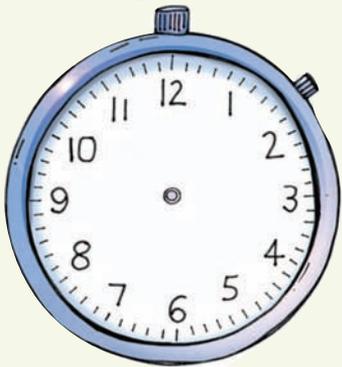
Sitsi ngu \_\_\_\_\_ ku \_\_\_\_\_.



Dvweba lolutsi loludze nelutsi lolufisha kukhombisa kutsi:

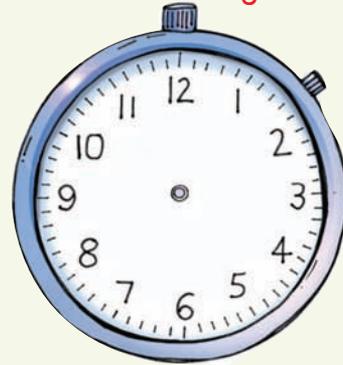
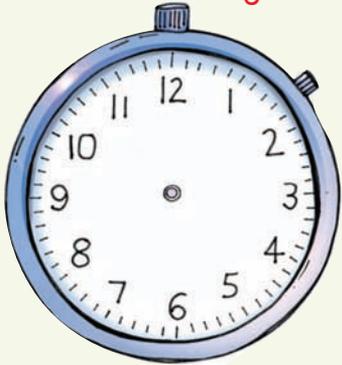
Isihlanu embi kweyesiphohlongo.

Ingemashumi lamabili embi kweyesitsatfu.



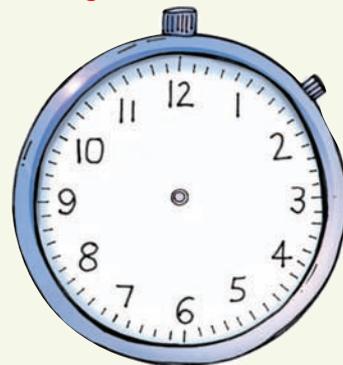
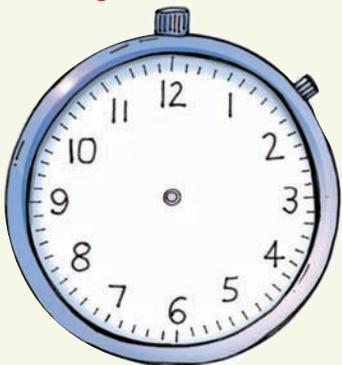
Isihlanu embi kweyekucala.

Ilishumi embi kweyesitfupha.



Lishuminantsatfu embi kweyesikhombisa.

Lishuminambili embi kweyeshuminambili.

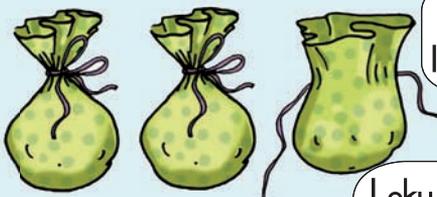


Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



## Kuhlanganisa lokuphindziwe

Ngina 3 wetikhwama  
letina 2 emaswidi



Ngina 3 wetikhwama  
letina 5 emaswidi ekhatsi.

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

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



Buka letikhwama letinemaswidi:

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

Sikhwama ngasinye sina 2 wemaswidi.

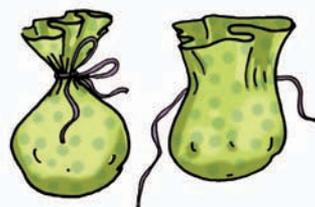


Umusho: 4 ticumbi tabo 2

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

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

Sikhwama ngasinye lesivaliwe sina 2 wemaswidi.

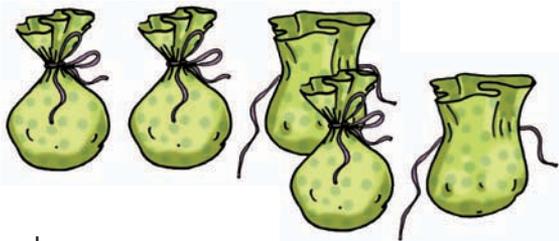


Umusho: \_\_\_\_\_

Sibalo sekuhlanganisa: \_\_\_\_\_

Sibalo sekuphindzaphindza: \_\_\_\_\_

Sikhwama ngasinye lesivaliwe sina 5 wemaswidi.

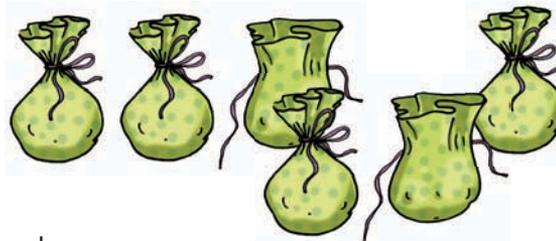


Umusho: \_\_\_\_\_

Sibalo sekuhlanganisa: \_\_\_\_\_

Sibalo sekuphindzaphindza: \_\_\_\_\_

Sikhwama ngasinye lesivaliwe sina 2 wemaswidi.



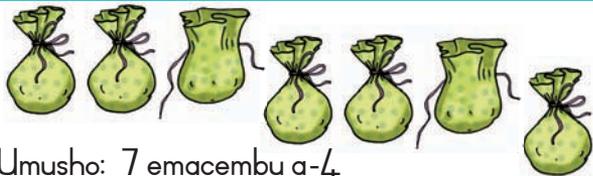
Umusho: \_\_\_\_\_

Sibalo sekuhlanganisa: \_\_\_\_\_

Sibalo sekuphindzaphindza: \_\_\_\_\_



Ake setame ngetikhwama letina 4. wemaswidi ngasinye.  
Sikhwama ngasinye sina 4. wemaswidi. Mangaki emaswidi lakhona sekawonkhe?

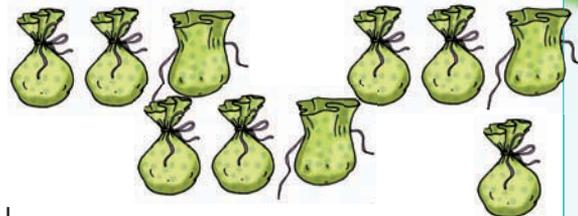


Umusho: 7 emacembu a-4

Sibalo sekuhlanganisa:

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

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



Umusho: \_\_\_\_\_

Sibalo sekuhlanganisa: \_\_\_\_\_

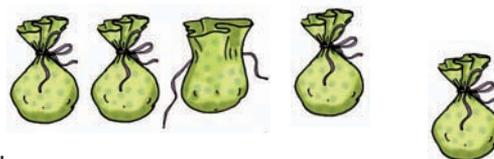
Sibalo sekuphindzaphindza: \_\_\_\_\_



Umusho: \_\_\_\_\_

Sibalo sekuhlanganisa: \_\_\_\_\_

Sibalo sekuphindzaphindza: \_\_\_\_\_



Umusho: \_\_\_\_\_

Sibalo sekuhlanganisa: \_\_\_\_\_

Sibalo sekuphindzaphindza: \_\_\_\_\_



Cedzela lelithebula lekuphindzaphindza.

×	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 lanemakhekha lasihlanu libhokisi ngalinye. Mangaki emakhekha lakhona sekawonkhe?




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





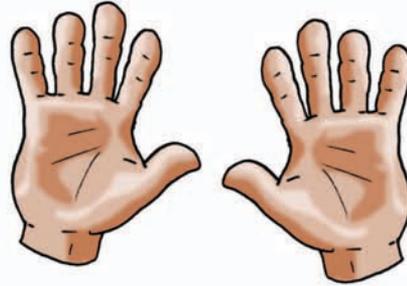
Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



# Phindzaphindza nga 5

Lunyawo lunye luna 5 wetintwane.

Sandla sinye sina 5 weminwe.



Litsini linani selilonkhe letintwane?

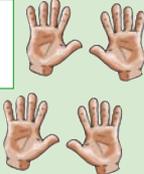
Litsini linani selilonkhe leminwe?

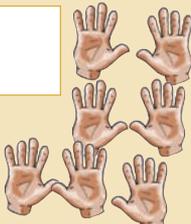


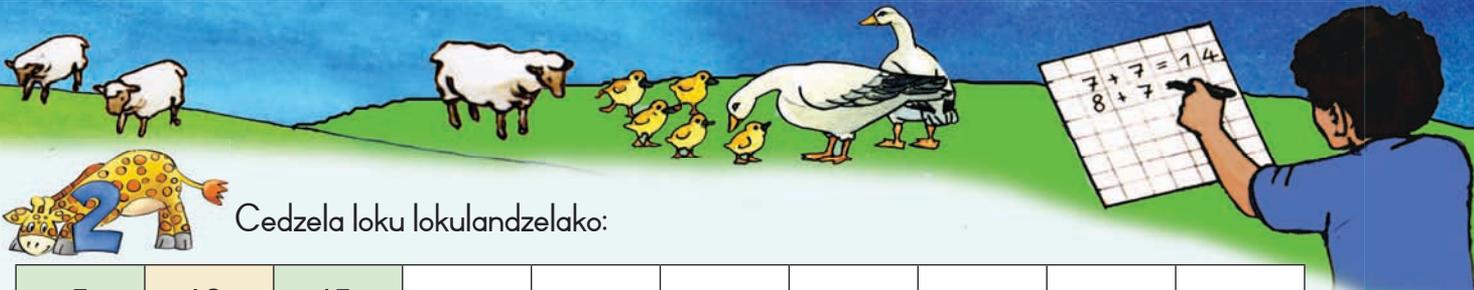
Cedzela loku lokulandzelako:

	<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>
	Tintwane		Tinyawo				Iminwe		Tandla		
	elunyaweni						esandleni				
	lunye						sinye				

	<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>
	Tintwane		Tinyawo				Iminwe		Tandla		
	elunyaweni						esandleni				
	lunye						sinye				

	<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>
	Tintwane		Tinyawo				Iminwe		Tandla		
	elunyaweni						esandleni				
	lunye						sinye				

	<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>
	Tintwane		Tinyawo				Iminwe		Tandla		
	elunyaweni						esandleni				
	lunye						sinye				



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:

$15 \times 5 =$

$10$   $5 \times 5$

$= 10 + 5 \times 5$

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

$= 50 + 25$

$= 75$  

$12 \times 5 =$

$10$   $2 \times 5$

$=$    $+$    $\times$

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

$=$    $+$

$=$

$14 \times 5 =$

$10$   $4 \times 5$

$=$    $+$    $\times$

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

$=$    $+$

$=$

$13 \times 5 =$

$10$   $3 \times 5$

$=$    $+$    $\times$

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

$=$    $+$

$=$

Teacher:

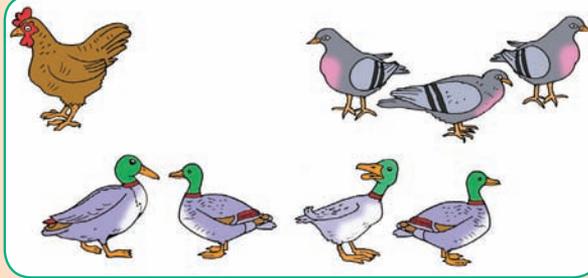
Sign:

Date:



# Kuphindzaphindza

Tonkhe tinyoni tinetingawo leti 2.



Tonkhe tinyoni tinetimpiko leti 2.

Litsini linani letinyawo setitonkhe kulesitfombe?

Tingaki timpiko setitonkhe kulesitfombe?



ematuba



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

Linani lematuba      Tinyawo inyoni ngayinye

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

Linani lematuba      Tinyawo inyoni ngayinye

emadada



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

Linani lemadada      Tinyawo inyoni ngayinye

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

Linani lemadada      Tinyawo inyoni ngayinye



Cedzela loku lokulandzelako:

2	4	6						
20	18	16						



Cedzela loku lokulandzelako:

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



Cedzela loku lokulandzelako:

$$12 \times 2 = \square$$

$$\begin{array}{r} 10 \\ + 2 \\ \hline \end{array} \times 2$$

$$= 10 + 2 \times 2$$

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

$$= 20 + 4$$

$$= 24$$

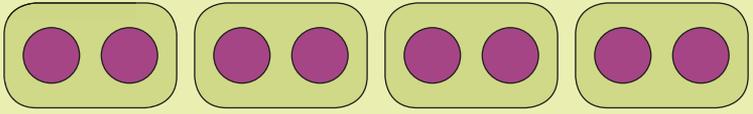
$$15 \times 2 = \square$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline \end{array} \times 2$$

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

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

$$= \square + \square$$

$$= \square$$


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

noma

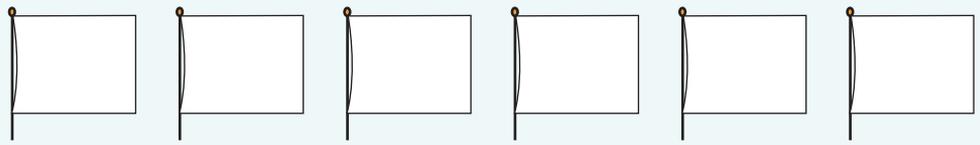
$$4 \times 2 = 8$$

noma

$$8 \div 2 = 4$$

Lolu luphawu lwekwehlukanisa.

Dvweba 2 wetinkhanyeti kumjeka ngamunye.



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

$$\_ \times \_ = \_$$


Mangaki emabhuloki kuletibhelekeca taboshokholethi?

$$\_ \times \_ = \_$$

$$\_ \times \_ = \_$$

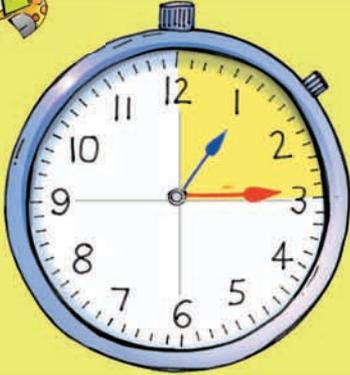

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## Ikota emva kwa ...

Lusuku:



Coca ngeliwashi.



Lutsi lolufisha lusandza kwengca yekucala.

Lutsi loludze lume etu kwemizuzu lelishumi nesihlanu.

Sitsi ngukota phasi 1.

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



Ngubani sikhatsi?



Lutsi lolufisha lusandza kwengca \_\_\_\_\_.

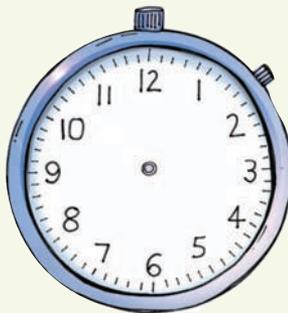
Lutsi loludze lume etu kwa \_\_\_\_\_ wimizuzu.

Sitsi ngu \_\_\_\_\_ phasi \_\_\_\_\_.

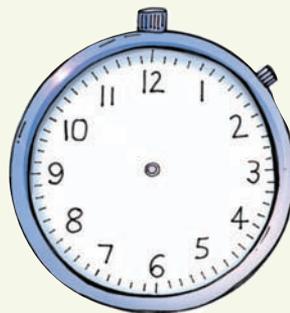


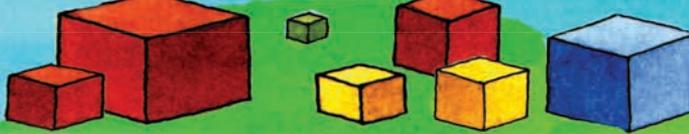
Dweba lutsi loludze nelutsi lolufisha.

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 \_\_\_\_\_.

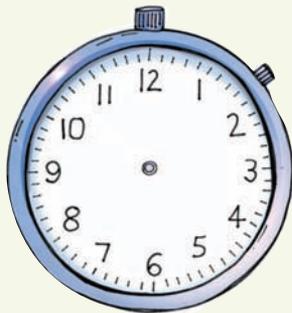
Lutsi loludze lume etukwa \_\_\_\_\_ wemizuzu.

Sitsi ngu \_\_\_\_\_ embi kwe \_\_\_\_\_.

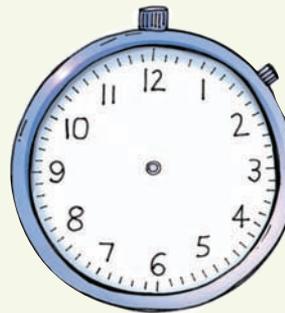


Dweba lutsi loludze nelutsi lolufisha.

Kota phasi 4.



Kota phasi 8.



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

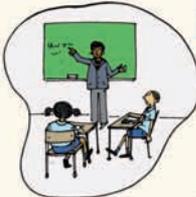
## Sikhatsi siyahamba

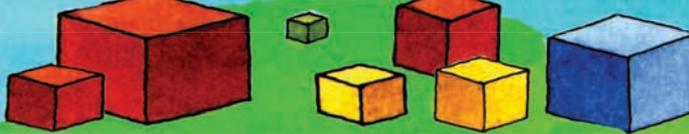
Lusuku:

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:

Bongj waya ekhabo mngani wakhe nga 10 enhloko ngeMgcibelo ekuseni.

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

Blank rectangular box for writing the answer to the word problem.



John wahamba neyise bayowudweba. Basuka nga 4 enhloko ekuseni babuyela

ekhaya nga 10 enhloko ekuseni. Bebahambe ema-awa lamangaki?

Blank rectangular box for writing the answer to the word problem.



Teacher:

Sign:

Date:



# Imphindza-mbili



Bukisisa lesitfombe sekucala nesesibili. Yini leyentekile?

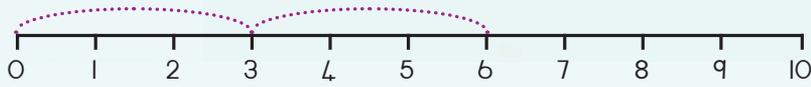
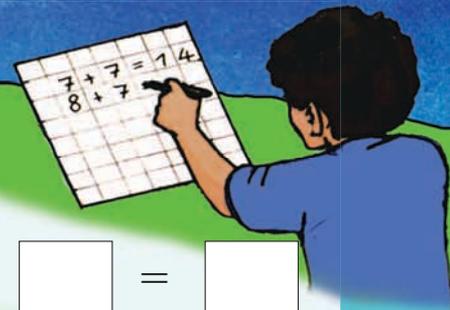


Yengeta emacashata, bese ubhala sibalo sakunye.

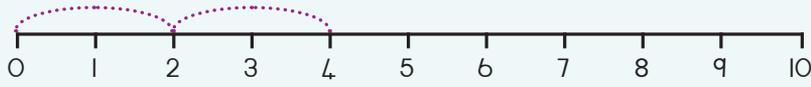
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input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



Sebentisa imigca-nombolo kubhala sibalo.



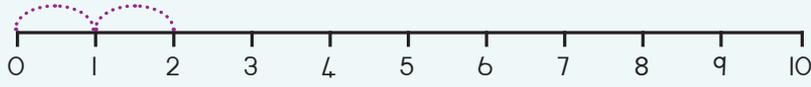
$$\square + \square = \square$$



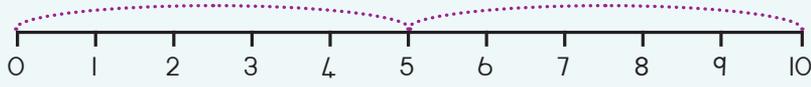
$$\square + \square = \square$$



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



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



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



Phindza loku lokulandzelako.

Phindza kabili 1

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

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

Phindza kabili 2

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

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

Phindza kabili 3

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

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

Phindza kabili 4

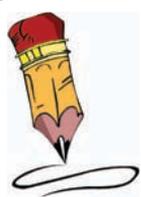
$$\square + \square = \square$$

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

Phindza kabili 5

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

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



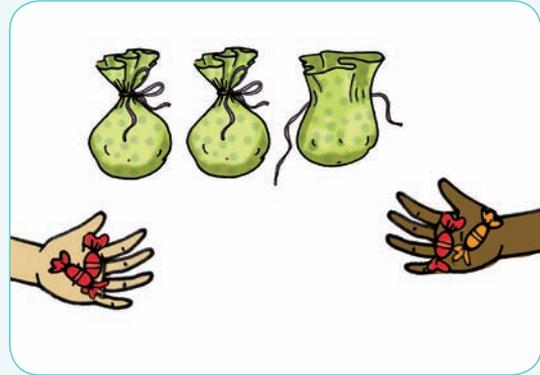
2 4 6 8 10 12 14

Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



# Kuphindza kabili nekuhhafula

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.

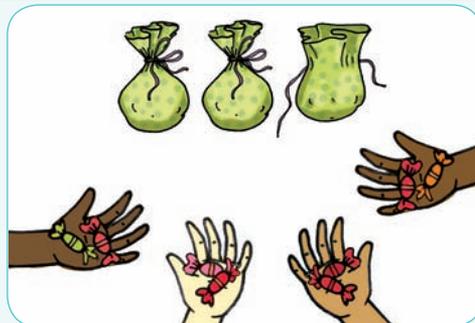
14	8		16	
		2		9



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:

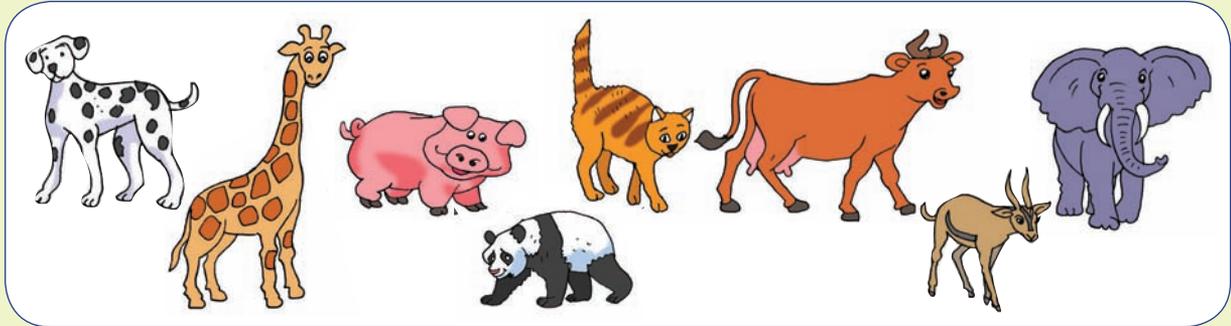
Date:



# Siyachubeka ngekuphindzaphindza

Tonkhe letilwane tinemilente lemi-4.

Tonkhe tilwane tinemehlo lamai-2.



Litsini linani selilonkhe  
lemilente kulesitfombe?

Litsini linani selilonkhe  
lemadlebe kulesitfombe?

Buka lesitfombe bese ucedzela loku lokulandzelako:



Tinja

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Linani letinja      Imilente silwane ngasinye

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Linani letinja      Emehlo silwane ngasinye

Tilwane tasendle

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Linani letilwane      Imilente silwane ngasinye

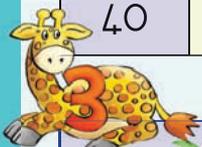
$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Linani letilwane      Emadlebe silwane ngasinye



Cedzela loku lokulandzelako:

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



Cedzela loku lokulandzelako:

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

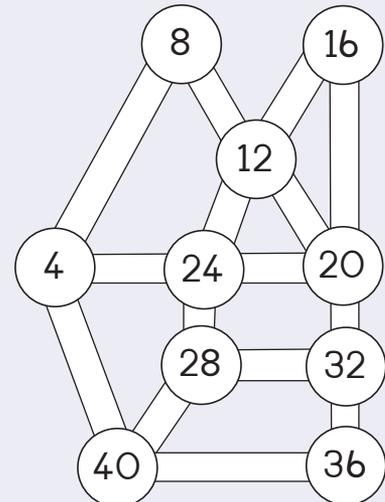
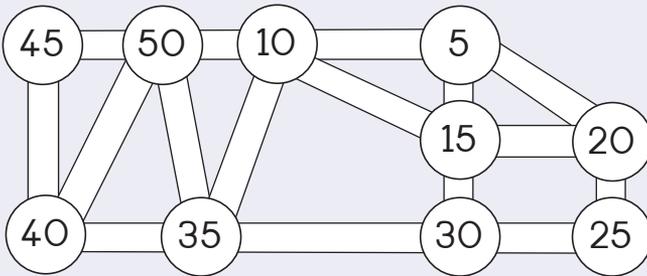
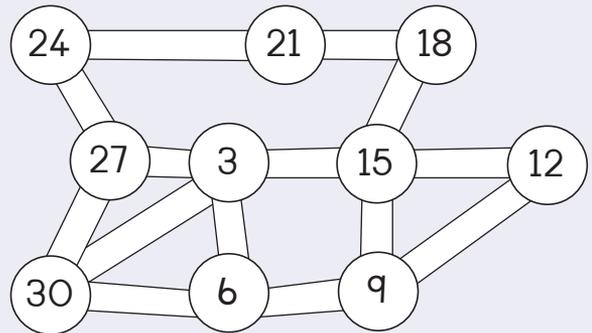
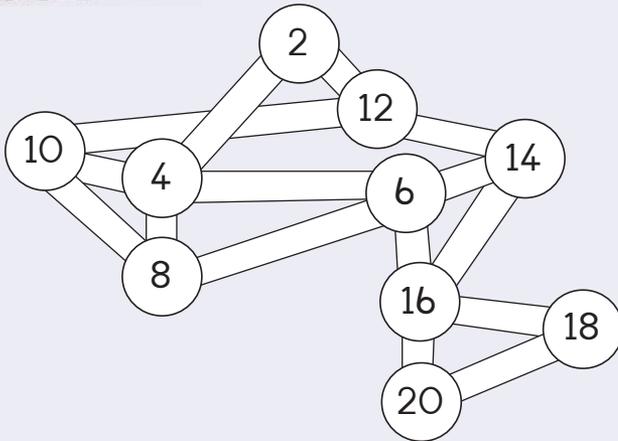


# Emaphethini etinombolo

Itaba yini inombolo ekhasini lelilandzelako?



Tfola lephethini. Dvweba lendlela, ucale ngenombolo lencane kakhulu.





Dvweba tintsi emawashini ucedzele iphethini yetikhatsi.



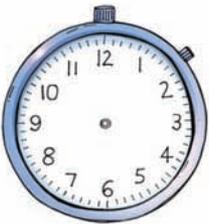
4:20



4:25



: \_



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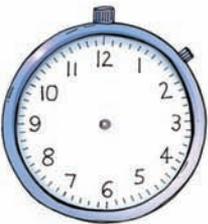
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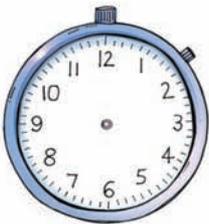
11:10



11:20



11:30



: \_



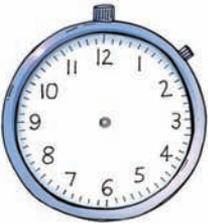
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9:25



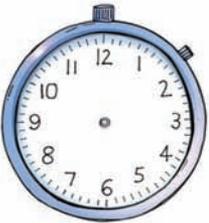
9:40



9:55



: \_



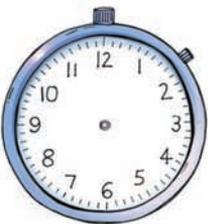
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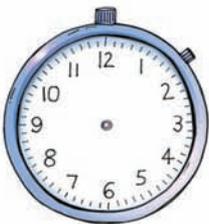
10:30



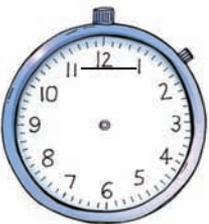
10:35



10:40



: \_



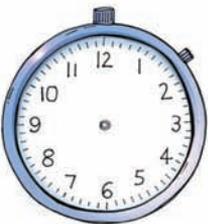
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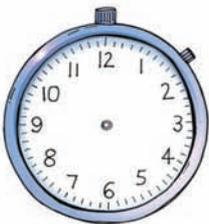
5:10



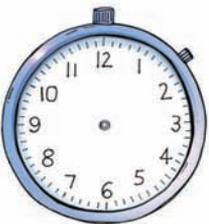
5:20



5:30



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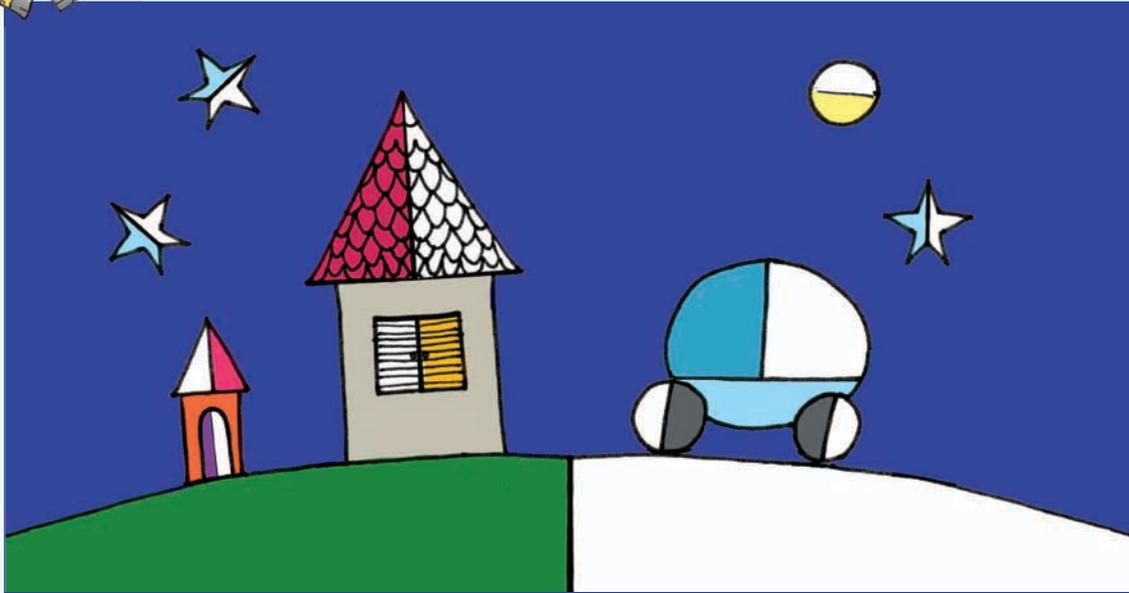


Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



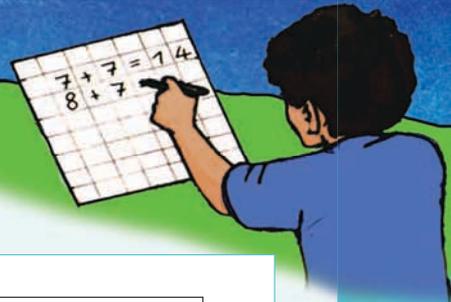
# Emafrakishini – boh hafu

Buka lesitfombe. Faka umbala munye kubohhafu ngabanye.

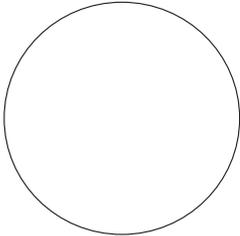
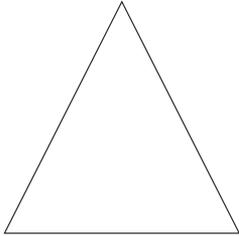
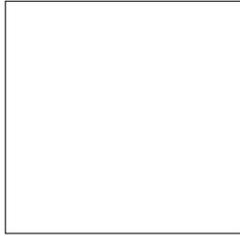
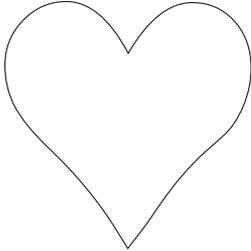


Buka lesitfombe. Faka luphawu ✓ kulabobunjwa labakhombisa boh hafu. Faka umbala kuhhafu munye wabunjwa ngamunye lohlukaniswe ngaboh hafu.

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

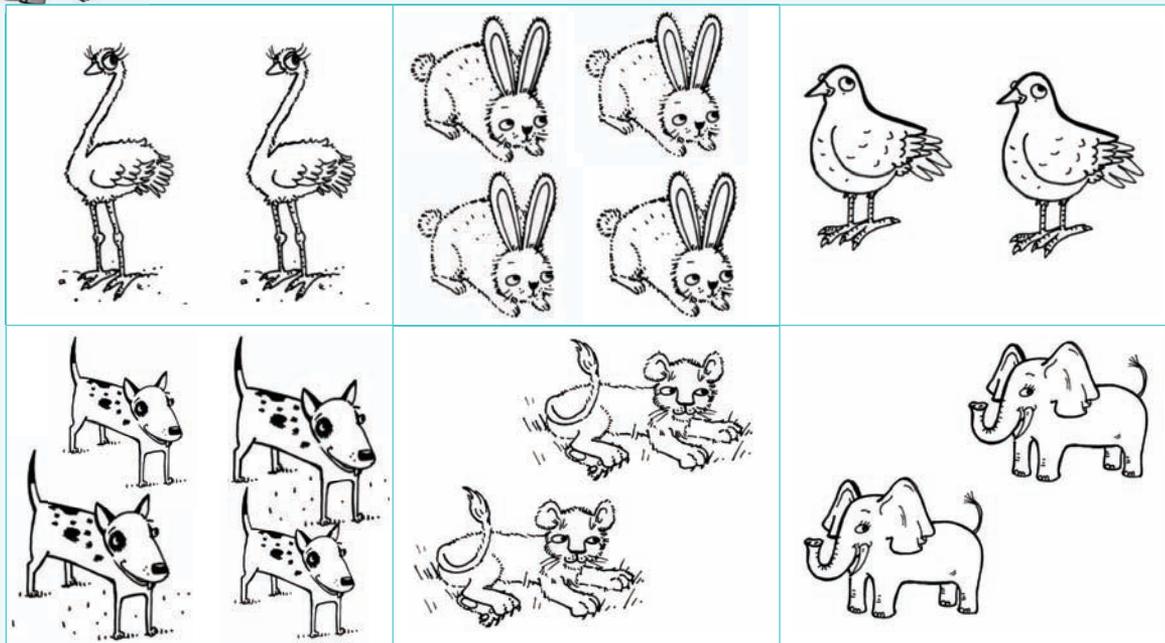


Faka umbala kuhhafu ngamunye kulabobunjwa.



Faka umbala kuhhafu wetilwane esibayeni ngasinye.



hhafu hhafu hhafu

Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



# Emafrakishini – siyachubeka ngekuphindzaphindza



Buka lesitfombe. Usho kutsini ihhafu yinye?



Ithemu 3

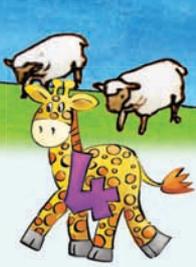


Ihhafu yinye yemahhabhula esihlahleni ngu

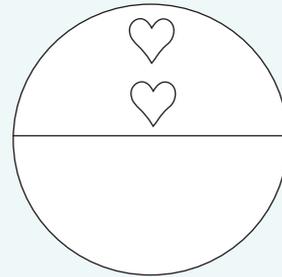
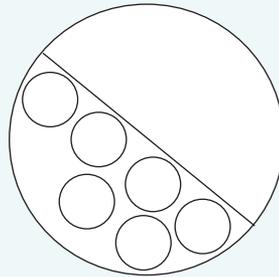
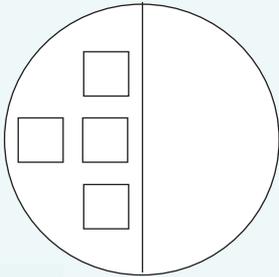
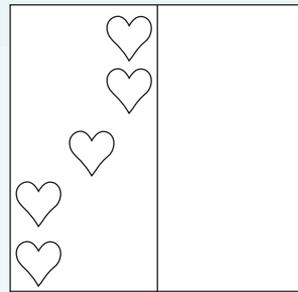
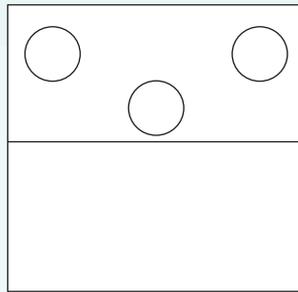
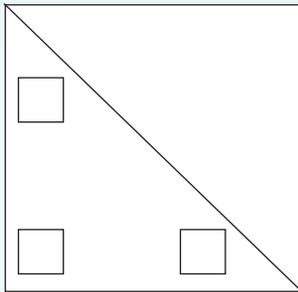
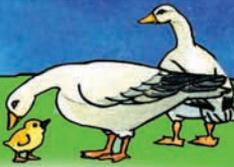


Faka umbala kuhhafu wesitselfo esibayeni ngasinye. Uyini hhafu welinani letitselfo esibayeni ngasinye?

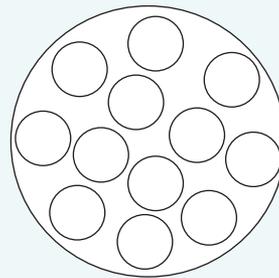
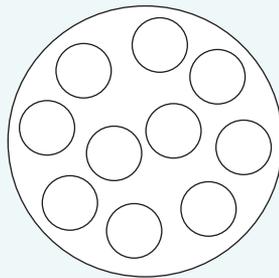
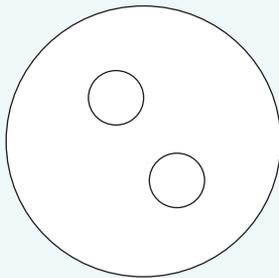
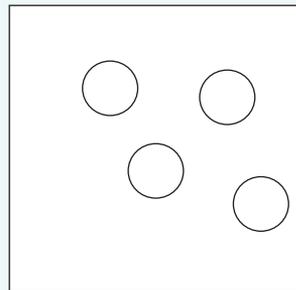
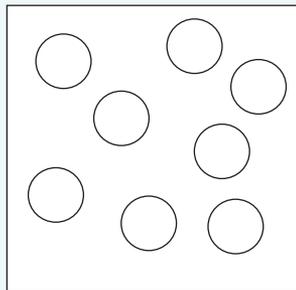
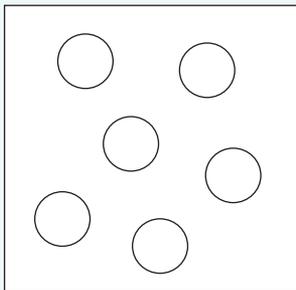
<input type="text"/> 	<input type="text"/> 	<input type="text"/> 
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>



Dvweba lona lomunye hhafu.



Faka umbala kuhhafu wabobunjwa.



hhafu hhafu hhafu



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



Lusuku: \_\_\_\_\_

# Sikhundla nelicala

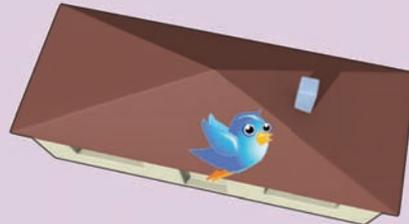
Ime kuphi lenyoni? Lamagama atakusita.



Licala langembili lesakhiwo.

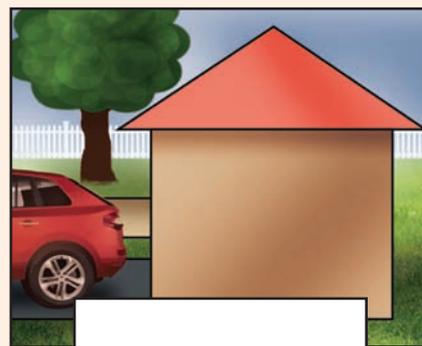
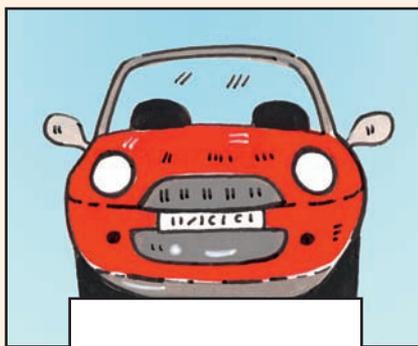


Licala laseceleni lesakhiwo.



Licala langetulu lesakhiwo.

Lomuntfu bekeme kuphi nakabona loku?

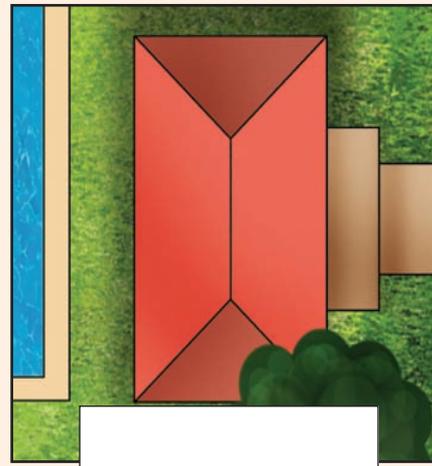
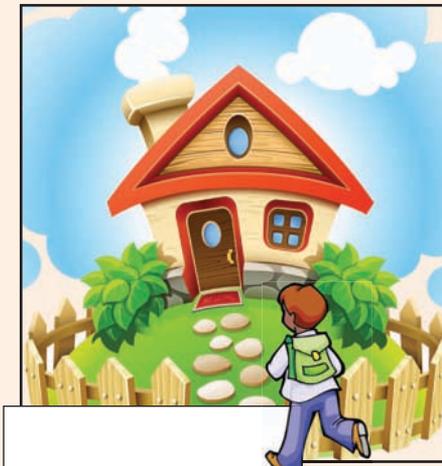
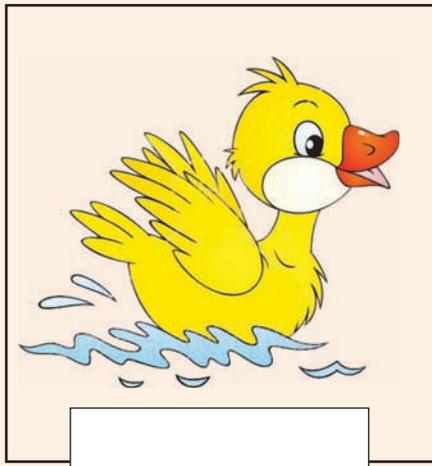


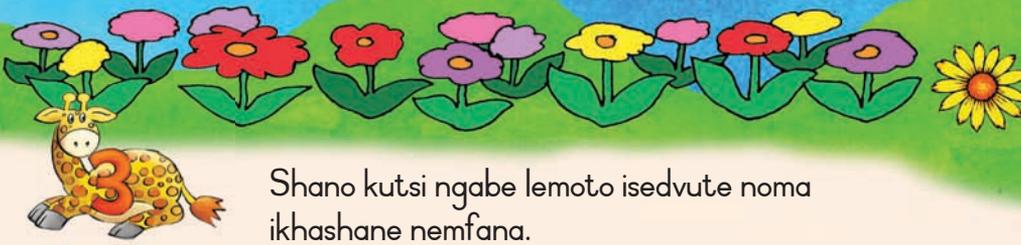
Bhala lamagama esitfombeni. Ubonani lomuntfu?

licala langembili

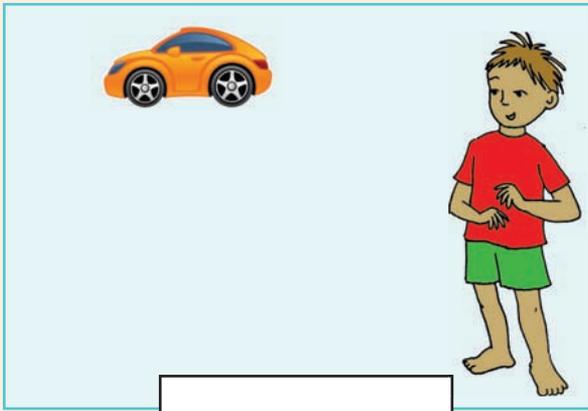
licala langetulu

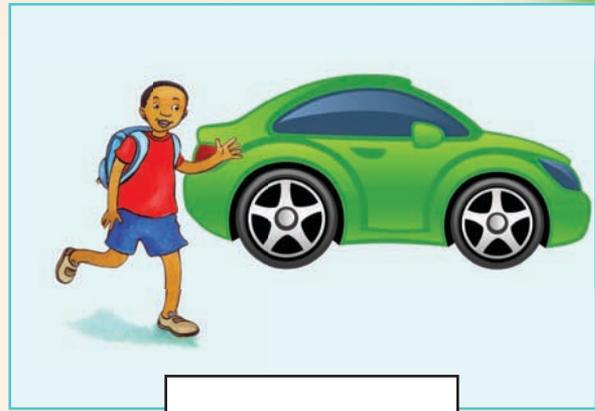
licala laseceleni



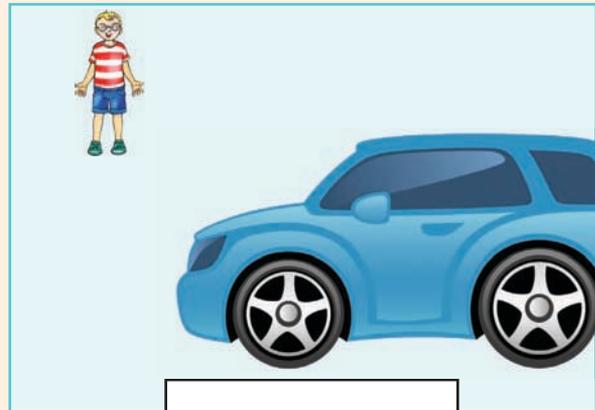


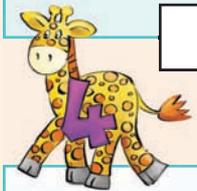
Shano kutsi ngabe lemoto isedvute noma ikhashane nemfana.







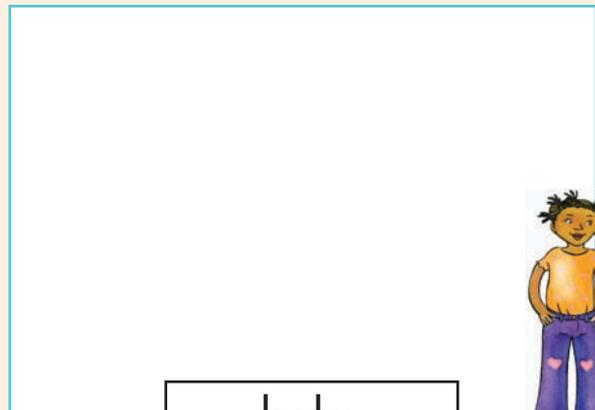




Dvweba sihlahla madvute nakudze nalentfombatana.




madvute




kudze



Yenta lomsebenti:

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



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



Lusuku:

# Iminingwane siyachubeka futsi



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

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

Ngekuhlunga  
 Ngibeke titselo  
 letifanako  
 ndzawonye.





Dvweba sitfombe-mdvwebo saletitselo letihlungekile.

INKHOMBA:





Buka letitselo bese uphendvula lemibuto.

Phendvula lemibuto:

Ngusiphi sitsetelo lesinaso kakhudlwana?

Ngusiphi sitsetelo lesinaso kancane?

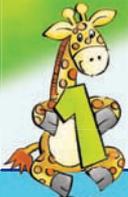
				



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



# Emafrakishini – emakota

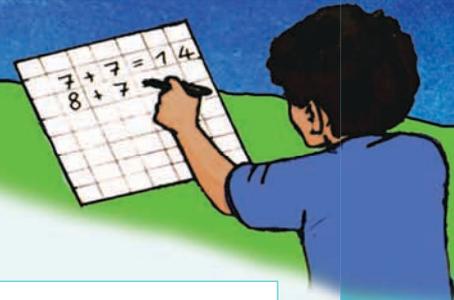


Faka umbala lofanako ekoteni yekugcina.

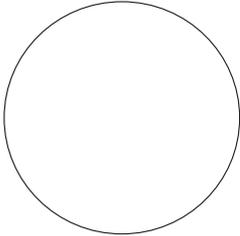
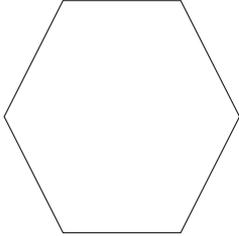
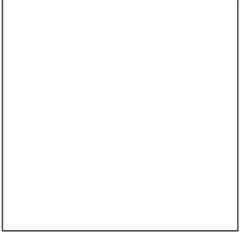
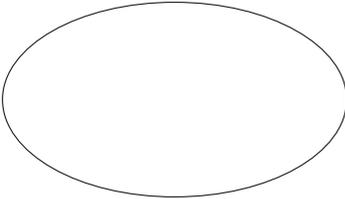


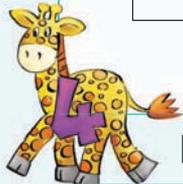
Faka luphawu (✓) kulabobunjwa labakhombisa emakota.  
Faka umbala ekoteni yinye yabunjwa ngamunye lohlukaniswe ngemakota.

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

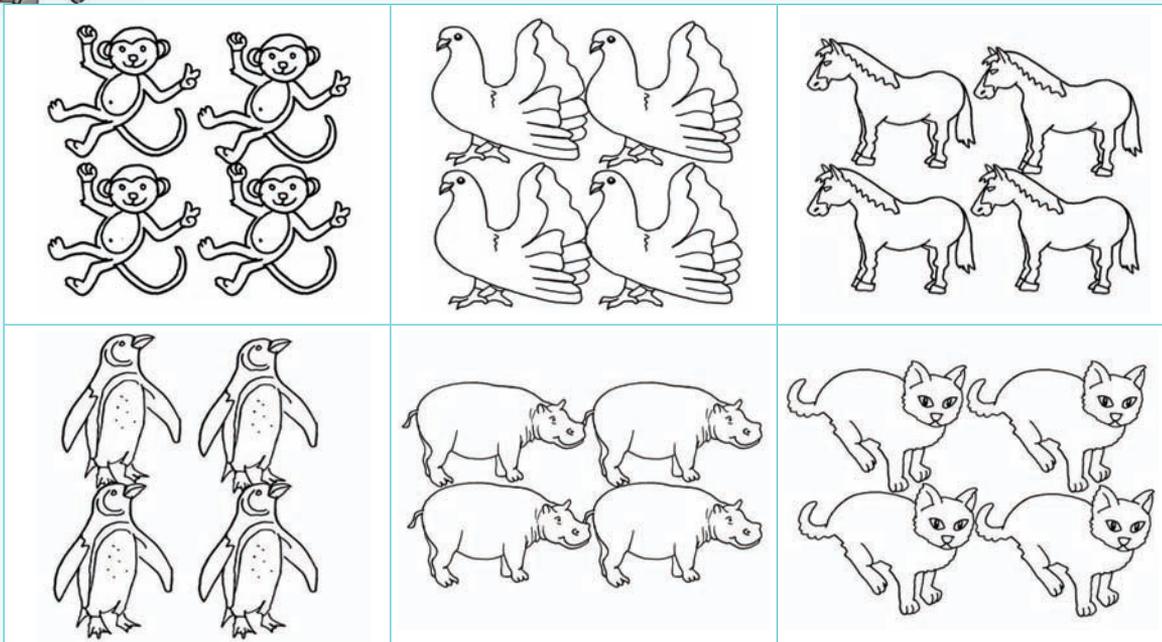


Faka umbala ekoteni yabunjwa ngamunye.



Faka umbala ekoteni yesicumbi ngasinye setilwane.



ikota ikota ikota



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

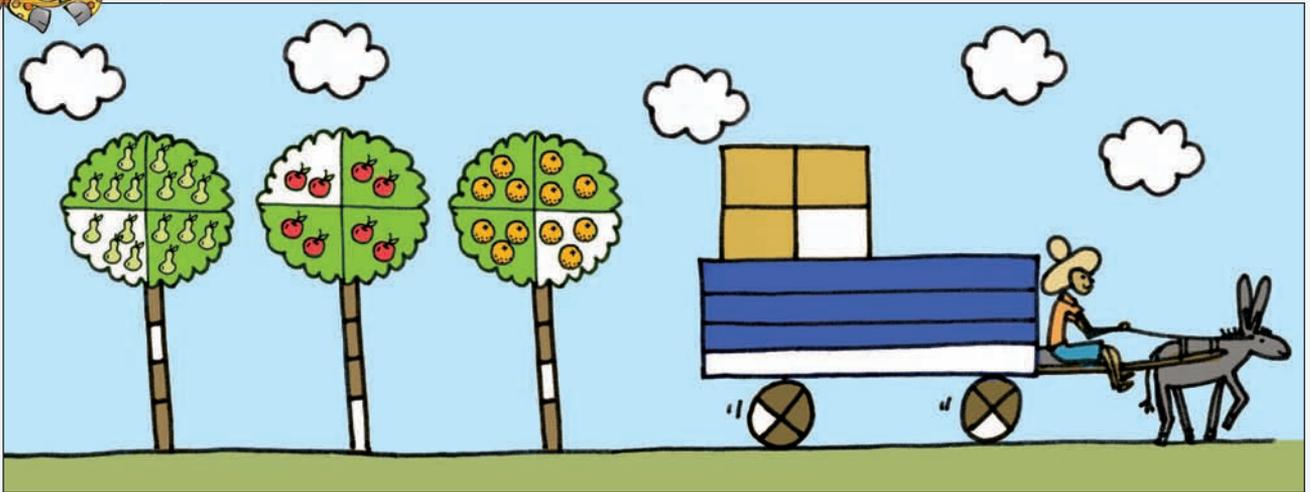


# Emafrakishini –

## siyachubeka ngemakota



Faka umbala lofanako ekoteni yekugcina.



Phendvula lemibuto lelandzelako:

ikota yinye yemapheya esihlahleni ngu \_\_\_\_\_.

ikota yinye yemahhabhula esihlahleni ngu \_\_\_\_\_.

ikota yinye yema-orintji esihlahleni ngu \_\_\_\_\_.

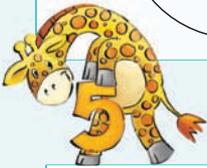
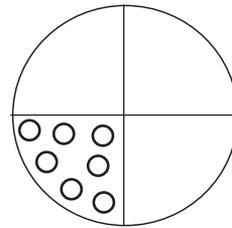
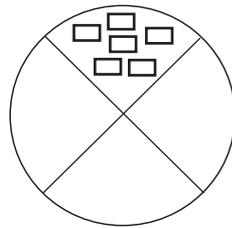
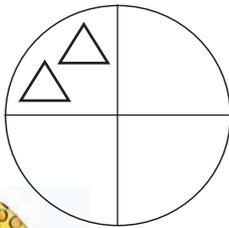
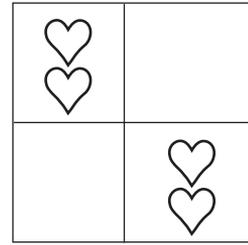
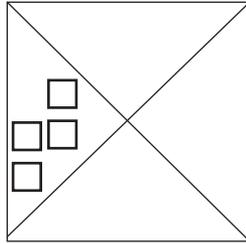
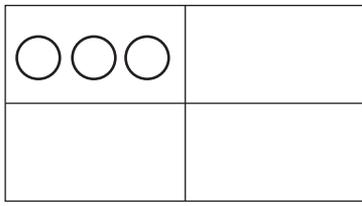


Faka umbala kukota yinye yesitselo kulelo nalelo cembu.  
Iyini ikota yelinani letitselo esicumbini ngasinye?

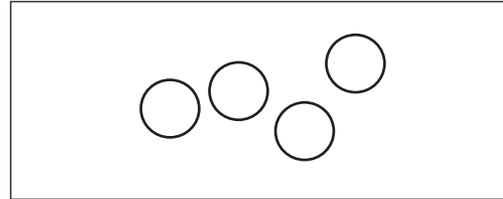
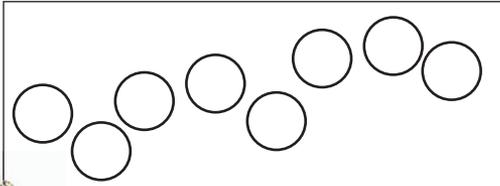
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>



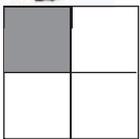
Dvweba bobunjwa labanye kwenta ikota ngayinye ilingane nalamanye.

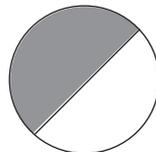


Khombisa ikota yinye yabunjwa ngamunye.

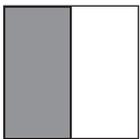


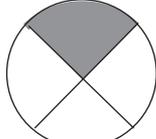
Nguyiphi lenkhudlwana? Faka luphawu (✓) emphendvulweni lengiyo.






ihhafu yinye






ikota yinye



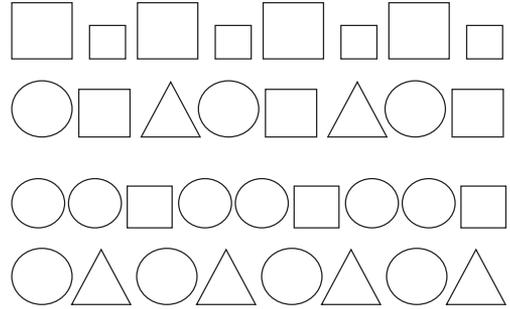
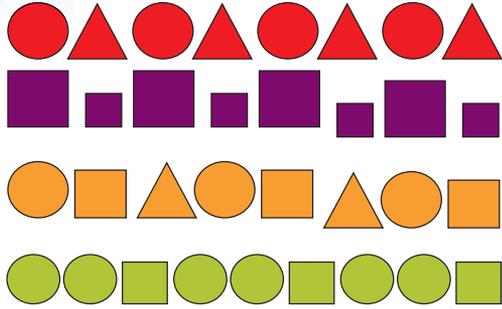
ikota emakota

Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

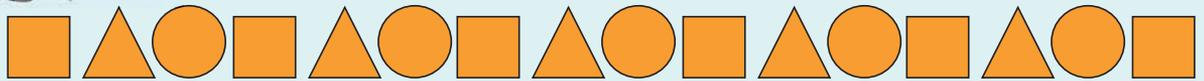
# Emaphethini etinombolo nabobunjwa

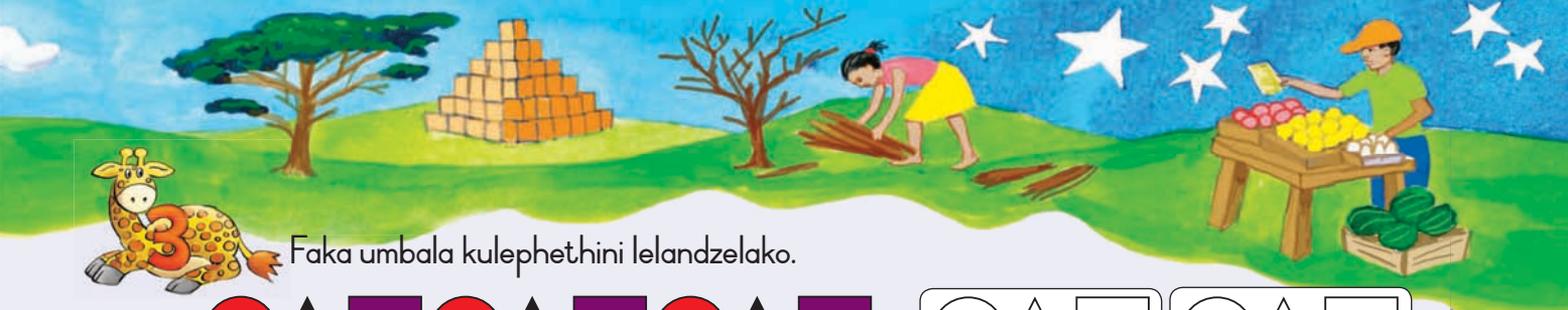
Lusuku:

Condzanisa lephethini.

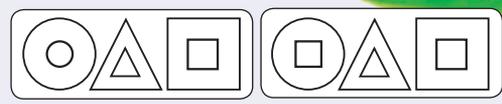


Kopa lephethini lelandzelako.

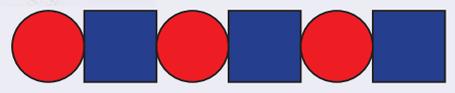




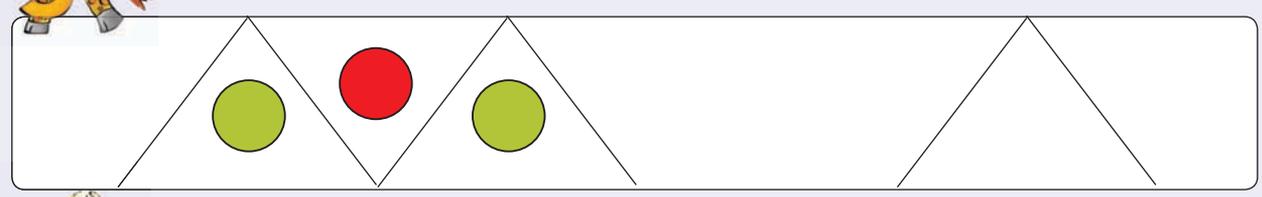
Faka umbala kulephethini lelandzelako.



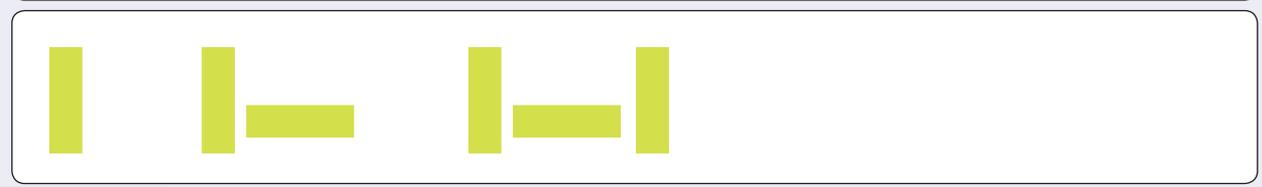
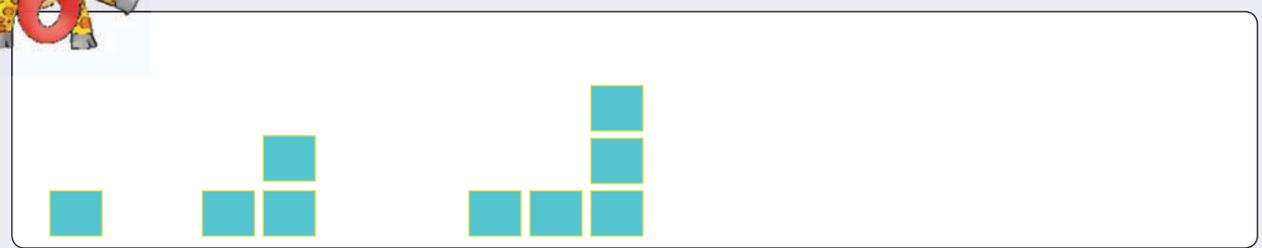
Dvweba iphethini lelandzelako.



Chubekisa lephethini.



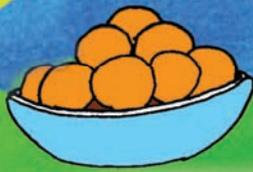
Dvweba iphethini lelandzelako.



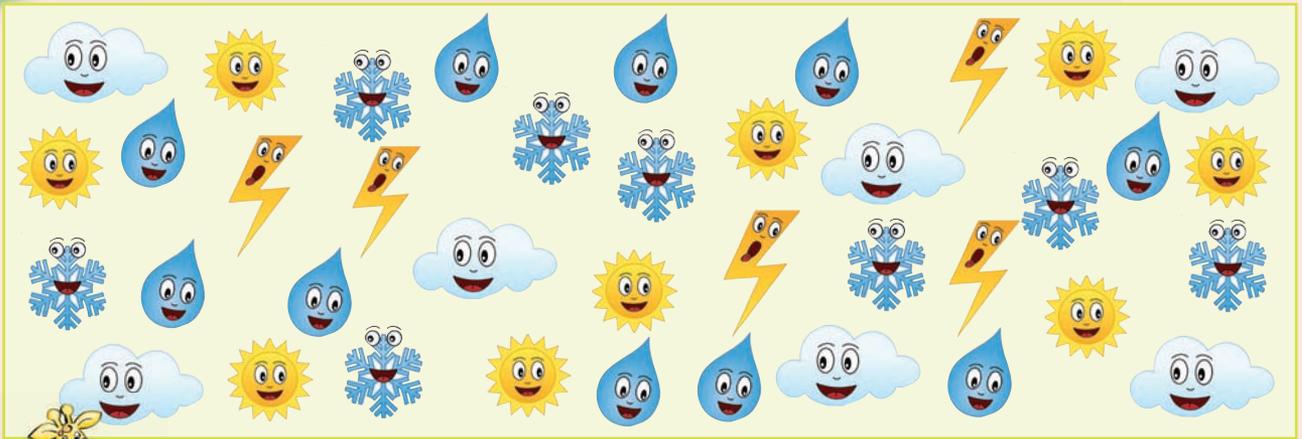
Dvweba yakakho iphethini.



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



# Kuhlunga imininingwane



Hlunga letinkhomba tesimo selitulu. Yenta wakho umdvwebo. Bhalamba (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?

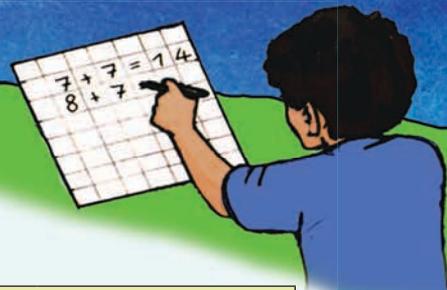


Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



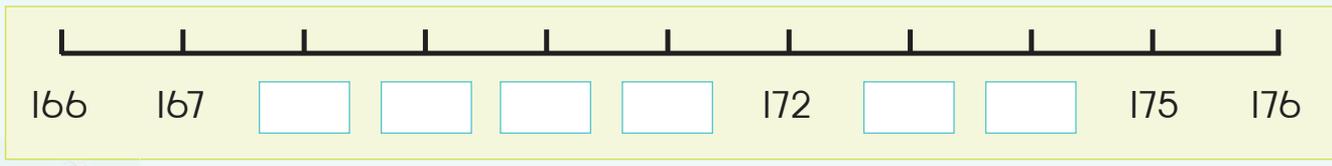
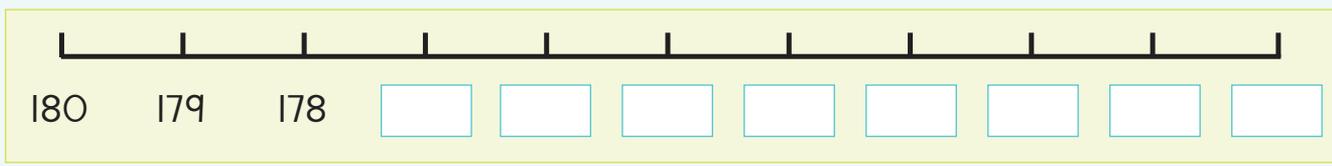
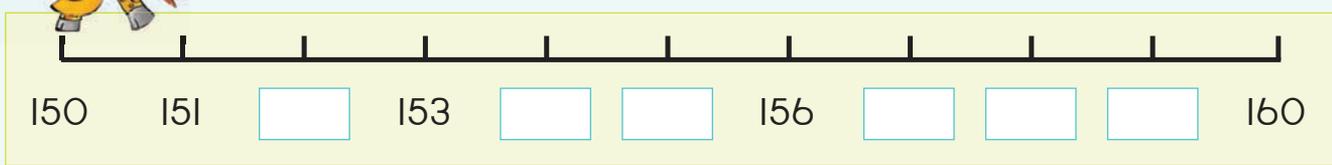


Niketa tinombolo tibe timbili letingephasana natimbili letingetulu kwalenombolo leniketiwe.

Ngaphasi	Inombolo	Ngetulu
	157	
	165	
	178	
	161	
	174	



Cedzela lemigca-tinombolo:



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



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



# Inombolo 170 – 200



Faka umbala ku 199 wetindilinga.

○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	1 0 0
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	9 0
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	9
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	

Ithemu 4



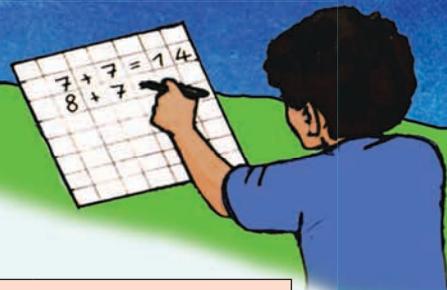
Bhala inombolo ya:

<table border="1"> <tr> <td>1 0 0</td> <td>7 0</td> <td>7</td> </tr> </table> <p>100 + 70 + 7 = 177 </p>	1 0 0	7 0	7	<table border="1"> <tr> <td>1 0 0</td> <td>9 0</td> <td>3</td> </tr> </table> <p>=</p>	1 0 0	9 0	3	<table border="1"> <tr> <td>1 0 0</td> <td>8 0</td> <td>1</td> </tr> </table> <p>=</p>	1 0 0	8 0	1
1 0 0	7 0	7									
1 0 0	9 0	3									
1 0 0	8 0	1									
<table border="1"> <tr> <td>1 0 0</td> <td>9 0</td> <td>5</td> </tr> </table> <p>=</p>	1 0 0	9 0	5	<table border="1"> <tr> <td>1 0 0</td> <td>9 0</td> <td>9</td> </tr> </table> <p>=</p>	1 0 0	9 0	9	<table border="1"> <tr> <td>1 0 0</td> <td>7 0</td> <td>9</td> </tr> </table> <p>=</p>	1 0 0	7 0	9
1 0 0	9 0	5									
1 0 0	9 0	9									
1 0 0	7 0	9									



Ngutiphi tinombolo letita emkhatsini wa:

- 170 na 175 \_\_\_\_\_
- 198 na 195 \_\_\_\_\_
- 180 na 175 \_\_\_\_\_
- 168 na 173 \_\_\_\_\_
- 200 na 196 \_\_\_\_\_

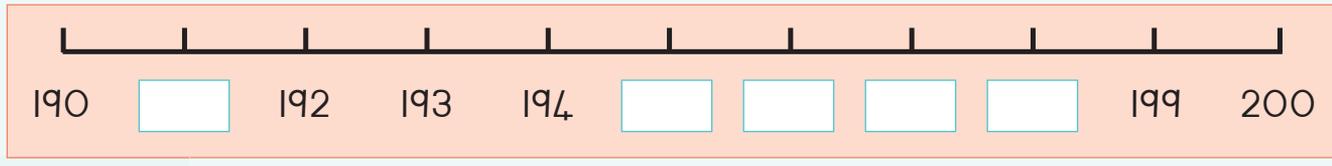
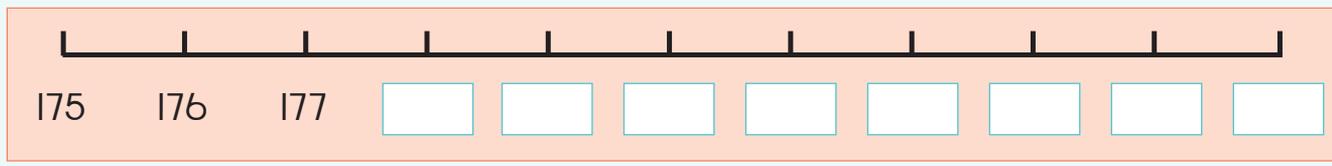
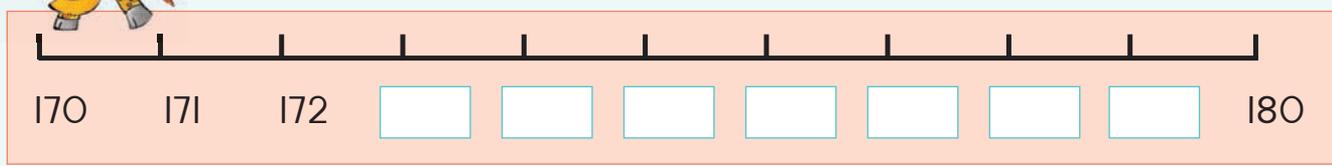


Niketa tinombolo tibe timbili letingephasanya natimbili letingetulu kwalenombolo leniketive.

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: \_\_\_\_\_

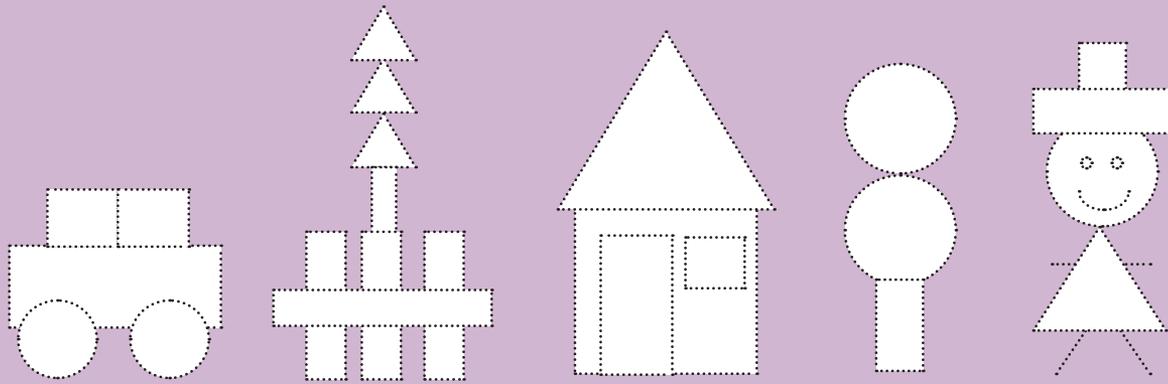
Sign: \_\_\_\_\_

Date: \_\_\_\_\_

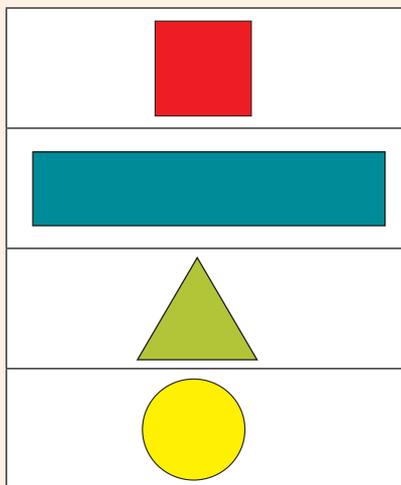


# Bobunjwa be 2-D

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



Faka ligama lihambisane nabunjwa.



calantsatfu
indilinga
sikwele
calandze

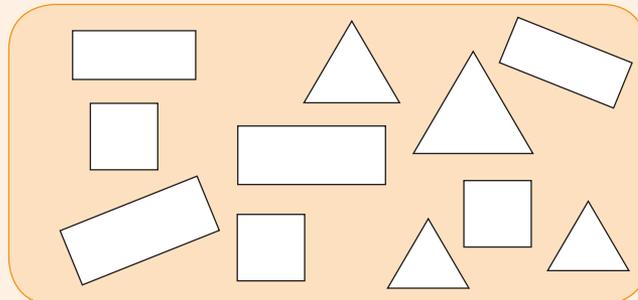
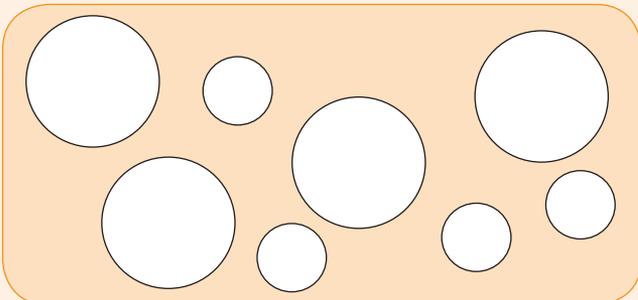


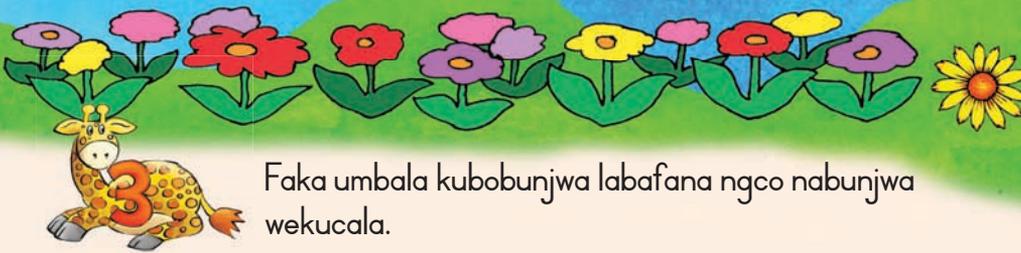
Faka umbala:

- Lobovu tindilinga letinkhulu
- Lomtfubi tindilinga letincane

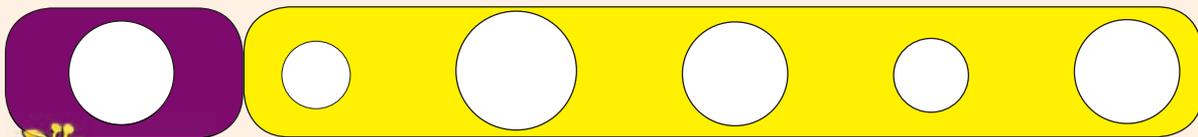
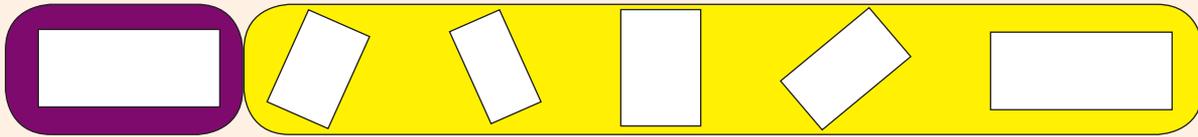
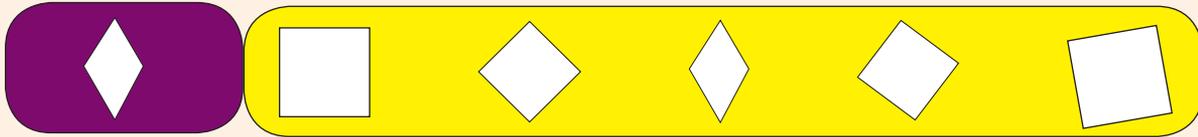
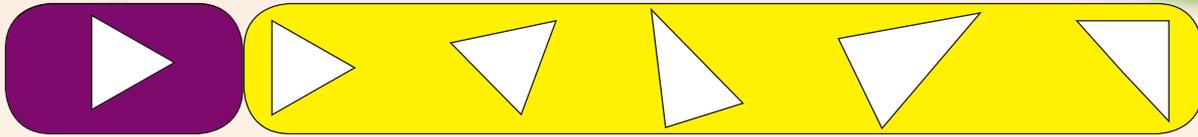
Faka umbala:

- Lobovu bocalandze labakhulu
- Lomtfubi bocalandze labancane





Faka umbala kubobunjwa labafana ngco nabunjwa wekucala.



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

A large empty rounded rectangular box for drawing or writing.

A large light blue rounded rectangular box for writing or drawing.

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



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



## Tinombolo 0 – 200



Tingaki tinombolo letehlukene longatakha?

100	40	2
9	50	100
20	1	70
		8



Cedzela loku lokulandzelako.

<p>100 + 40 + 9 = <input type="text"/></p>	<p>100 + 70 + 3 = <input type="text"/></p>	<p>100 + 20 + 8 = <input type="text"/></p>
<p>100 + 10 + 7 = <input type="text"/></p>	<p>100 + 90 + 2 = <input type="text"/></p>	



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

181 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>
144 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>
135 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>
156 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>
169 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>



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)

509  
100

100  
940

450  
100

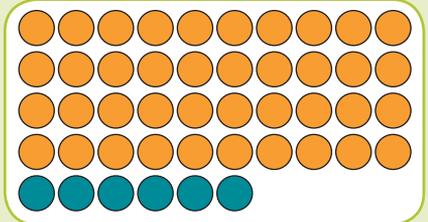
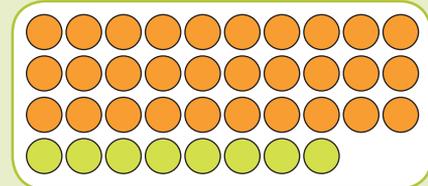
Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



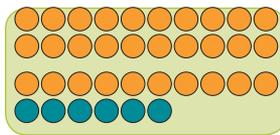
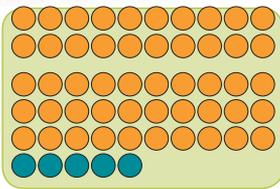
## Kuhlanganisa nekususa

Bukani lelibhodi-tinombolo nebhulalu. Cocisanani ngalo.

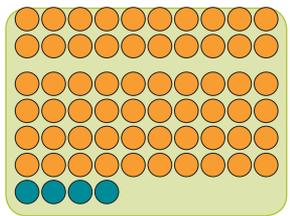
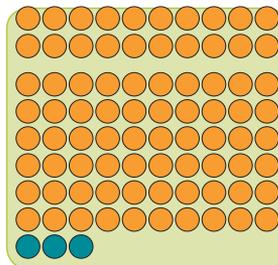
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



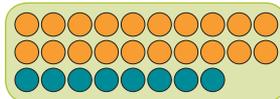
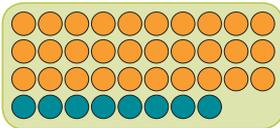
Hlanganisa noma ususe buhlalu.



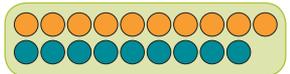
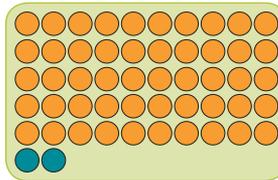
$$\begin{aligned}
 & \boxed{50} \quad \boxed{5} - \boxed{30} \quad \boxed{6} \\
 = & \boxed{40} + \boxed{15} - \boxed{30} - \boxed{6} \\
 = & \boxed{10} + \boxed{9} \\
 = & \boxed{19}
 \end{aligned}$$



$$\begin{aligned}
 & \boxed{\phantom{00}} \quad \boxed{\phantom{00}} - \boxed{\phantom{00}} \quad \boxed{\phantom{00}} \\
 = & \boxed{\phantom{00}} + \boxed{\phantom{00}} - \boxed{\phantom{00}} - \boxed{\phantom{00}} \\
 = & \boxed{\phantom{00}} + \boxed{\phantom{00}} \\
 = & \boxed{\phantom{00}}
 \end{aligned}$$



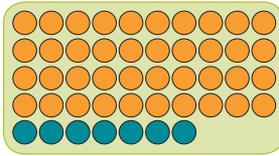
$$\begin{aligned}
 & \boxed{\phantom{00}} \quad \boxed{\phantom{00}} + \boxed{\phantom{00}} \quad \boxed{\phantom{00}} \\
 = & \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{00}} \\
 = & \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{00}} \\
 = & \boxed{\phantom{00}} + \boxed{\phantom{00}} \\
 = & \boxed{\phantom{00}}
 \end{aligned}$$



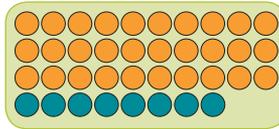
$$\begin{aligned}
 & \boxed{\phantom{00}} \quad \boxed{\phantom{00}} + \boxed{\phantom{00}} \quad \boxed{\phantom{00}} \\
 = & \boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{00}} \\
 = & \boxed{\phantom{00}} + \boxed{\phantom{00}} \\
 = & \boxed{\phantom{00}}
 \end{aligned}$$



Yenta silinganiso bese uyabala.

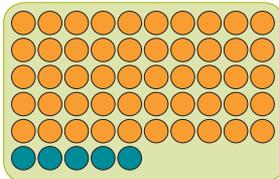


+

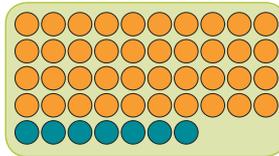


Yenta silinganiso

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



Buka le-abhakhasi ngesancele nese kudla. Ubonani?

2 0

8

=

6 0

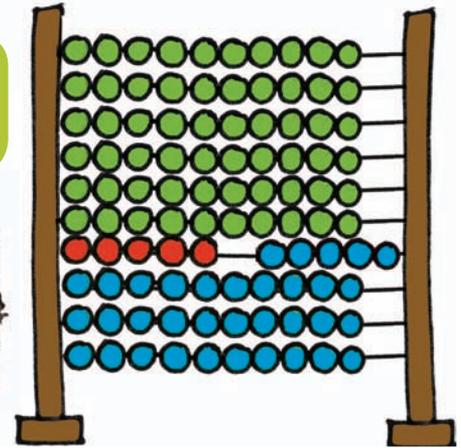
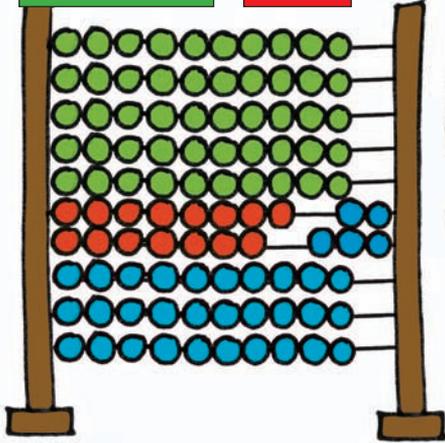
5

3 0

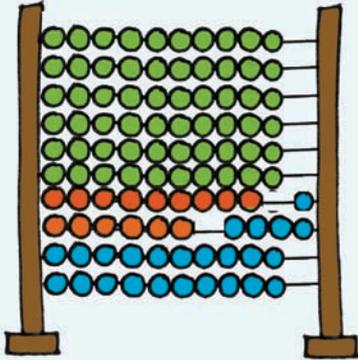
7

Hlanganisa letinombolo letimbili.

Ilingana na?

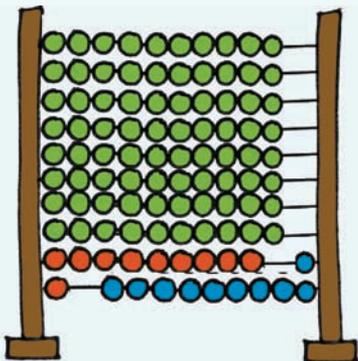


Bhala sibalo sekuhlanganisa nekususa. Bala.



Sibalo sekuhlanganisa

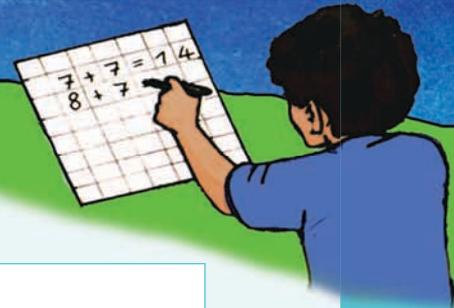
Sibalo sekususa



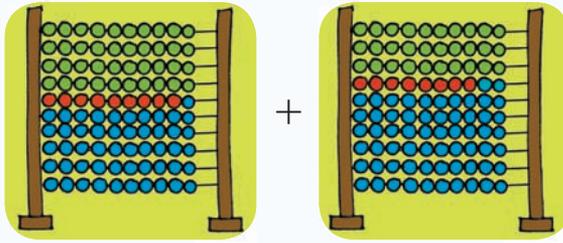
Sibalo sekuhlanganisa

Sibalo sekususa



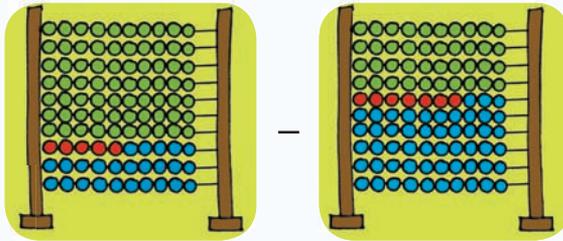


Yenta silinganiso bese uyabala.



Yenta silinganiso

Bala



Yenta silinganiso

Bala



Bala usebentisa indlela yakho.

$58 + 35$

$34 - 26$



Yini 74 na 19?

Sibalo sa 46 na 27.

Susa 34 ku 74.

Umehluko emkhatsini wa 81 na 36.

Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Siyachubeka ngemaphethini

Lusuku:



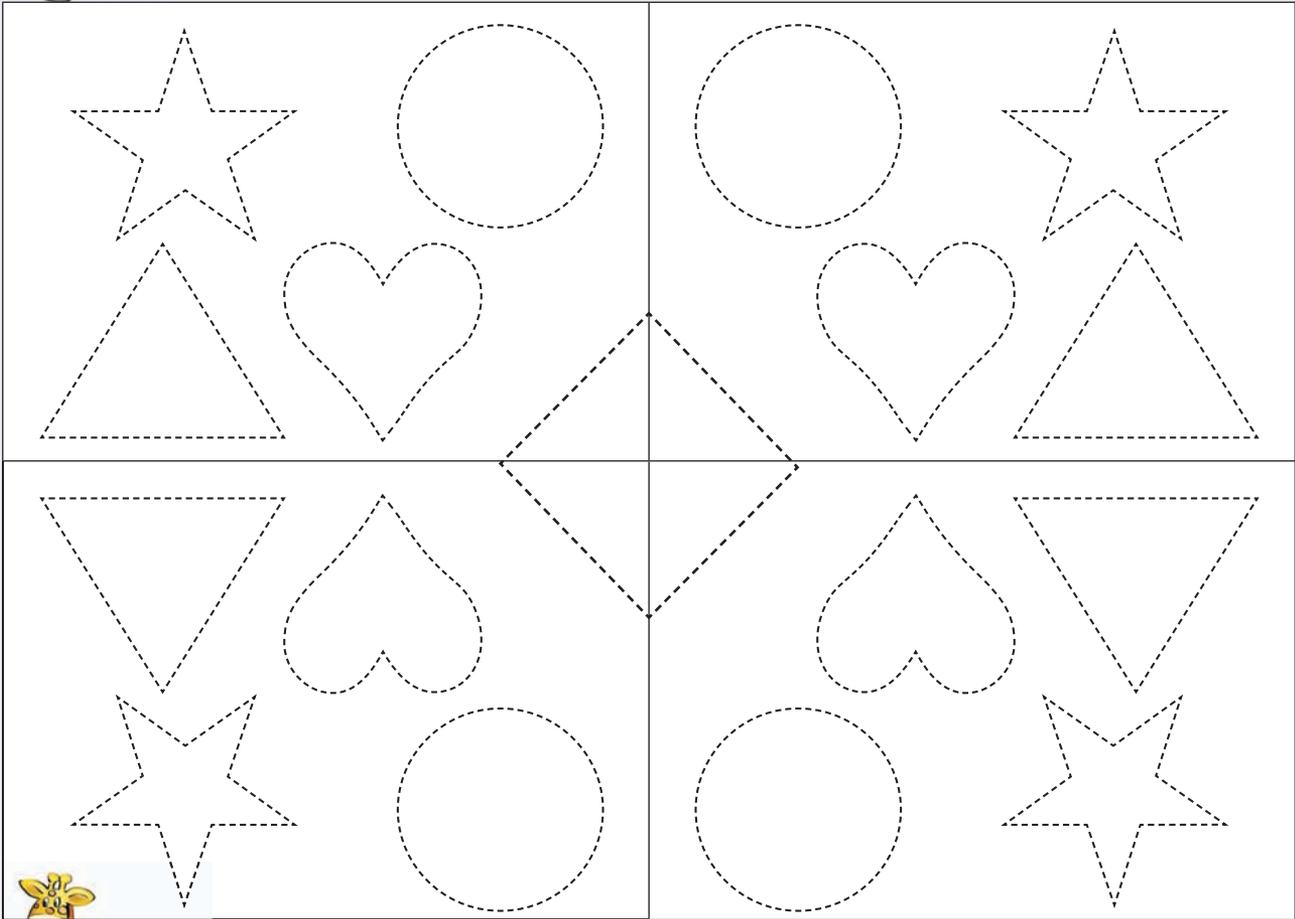
Chaza lephethini.



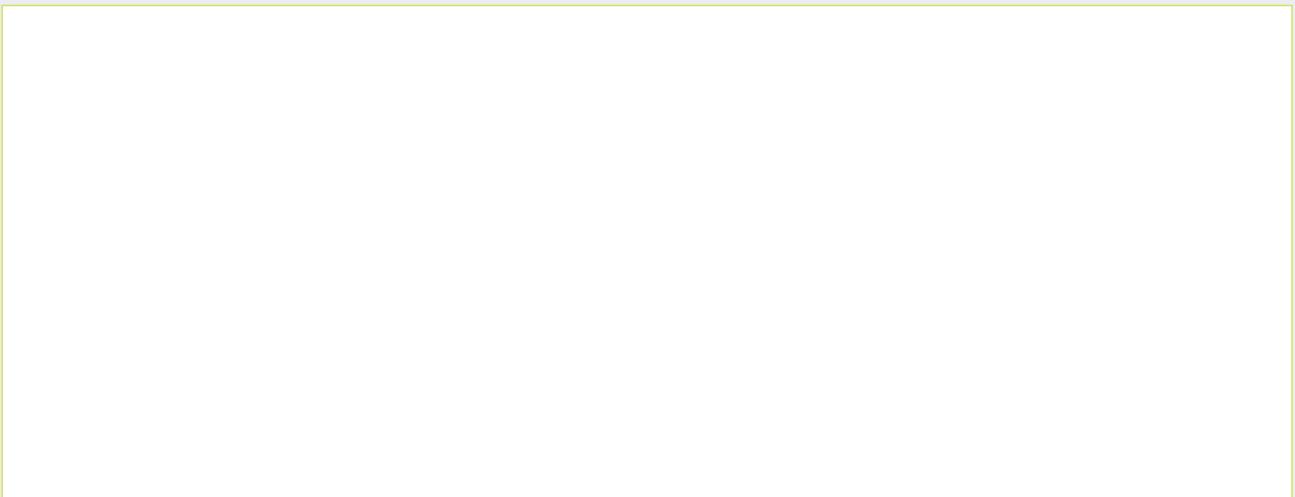
Landzelela lephethini bese uyifaka umbala.



Landzelela lephethini bese uyifaka umbala.



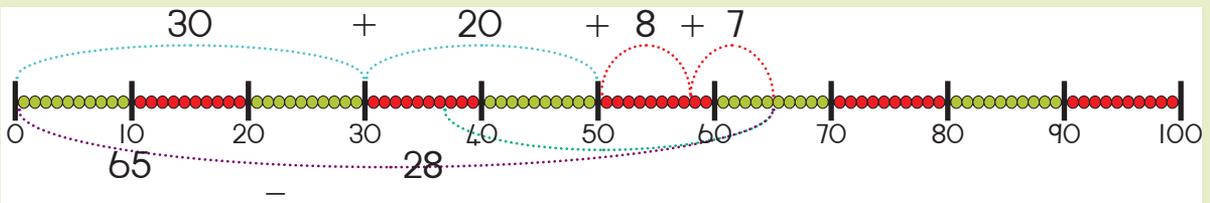
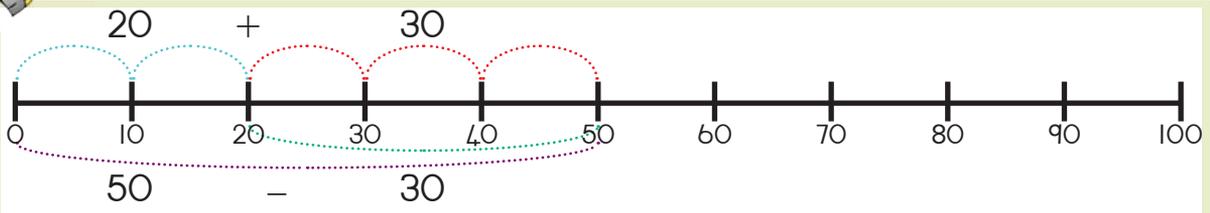
Takhele yakakho iphethini usebentisa bobunjwa.



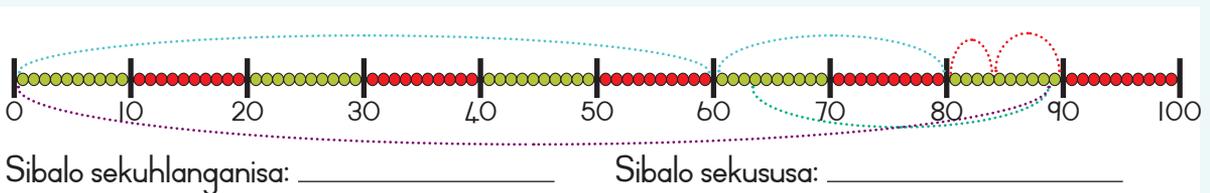
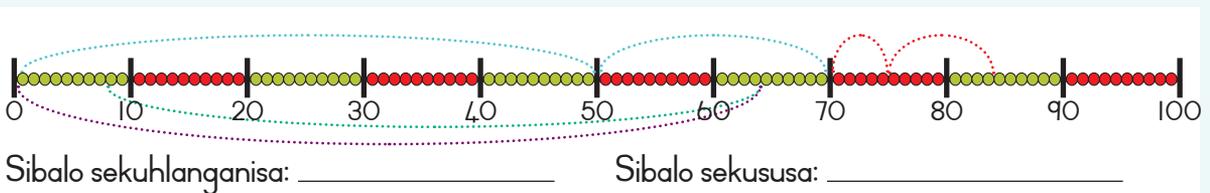
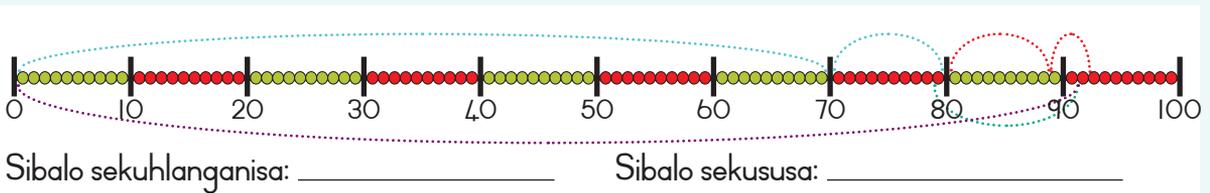
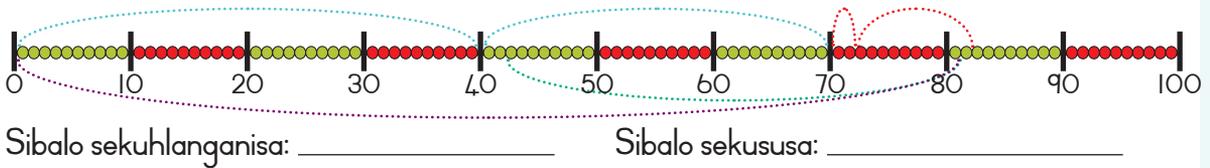


## Kuhlanganisa neKwehlukana

Buka lemigca-nombolo. Coca ngayo.

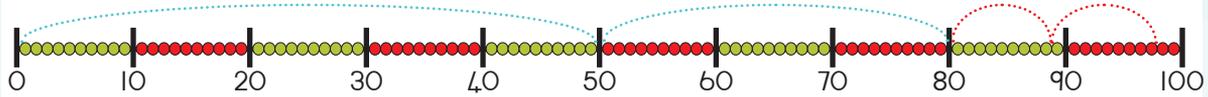


Bhala sibalo sekuhlanganisa nesekususa usebentisa umugca-nombolo.

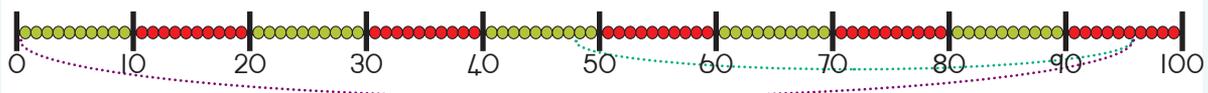




Linganisa bese ubala linani lebuhlalu.



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: \_\_\_\_\_



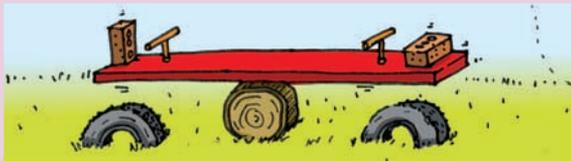
# Kuhlanganisa nekususa siyachubeka futsi



Yenta lamacala alingane.

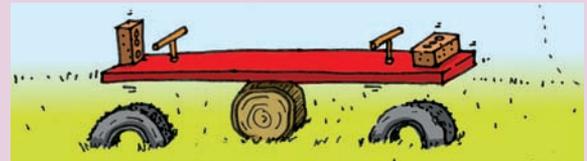
$10 + 4 + 5$

$9 + \square + \square$



$90 - 50$

$\square - 20$



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.

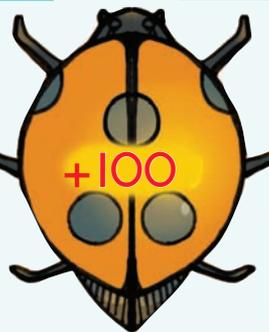
25

199

37

+100

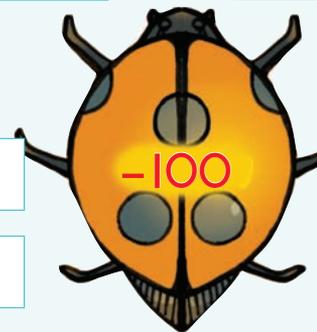
89

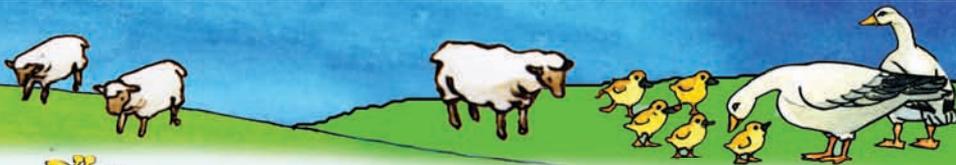


175

-100

163





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

9	0	-	2	0	+	5
1	0	0	4	3	3	0



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



Yini kuhlanganisa?

2	6	5	7
4	7	3	8
4	7	3	9



Yini kususa?

4	9	7	
5	8	10	
6	2	8	3



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

$$48 + 36$$

$$85 - 59$$



Sombulula lesibalo magama. Yenta umdvwebo kukhombisa imphendvulo yakho.

Ngongwe R42 wase Babe ungipha R29.  
Senginamalini nyalo?

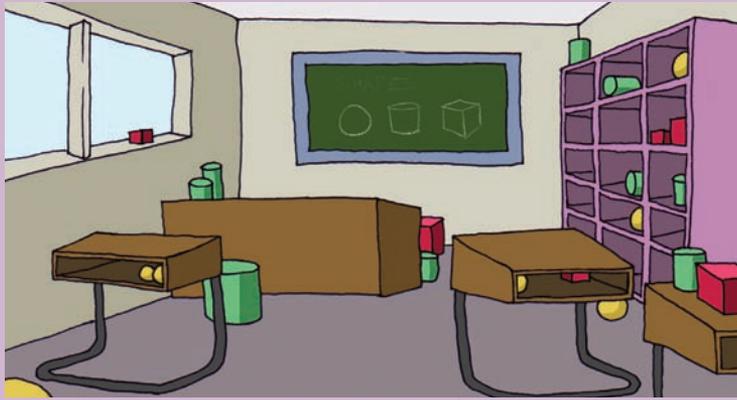
Ngina R78 ngase ngitsenga tincwadzi nga R34.  
Sengisele namalini?

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

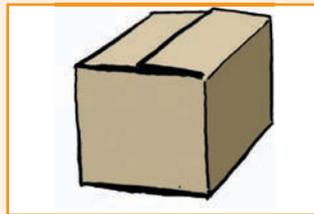
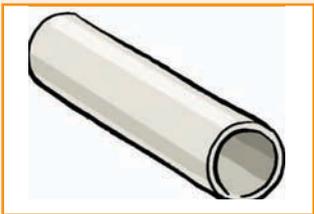


# Bobunjwa be 3-D

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.

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

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

Shano kutsi ngabe loku lokulandzelako kutawugicika noma kutawushelela.

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

Endlini yakini noma madvute nayo ngaphandle yini lebukeya njengaloku:

- Umbhoshongo
- Ibhola
- Emabhokisi

---



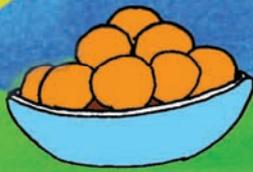
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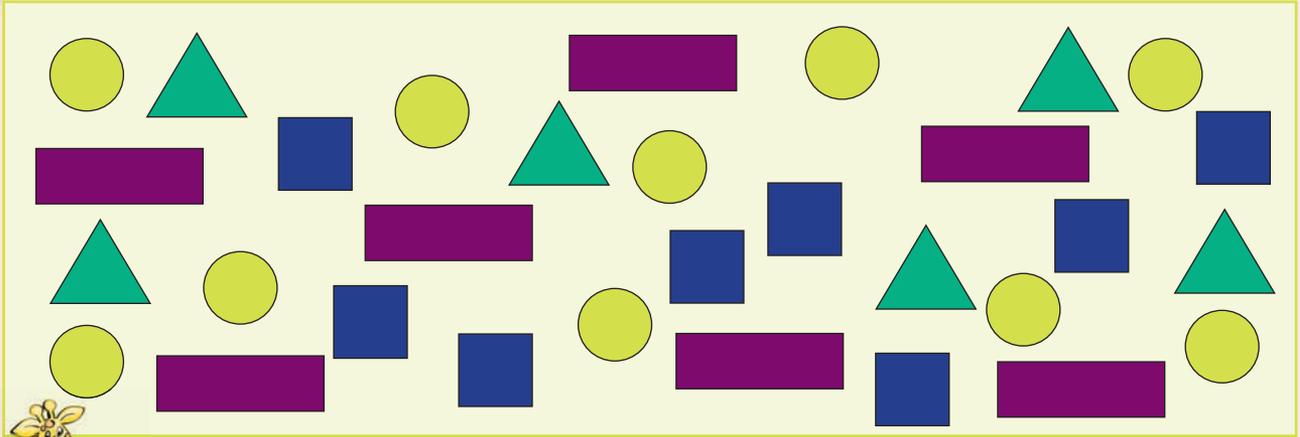
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○  
□  
△

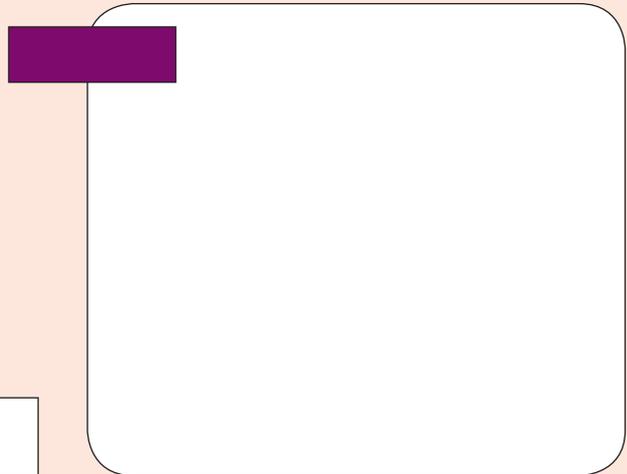
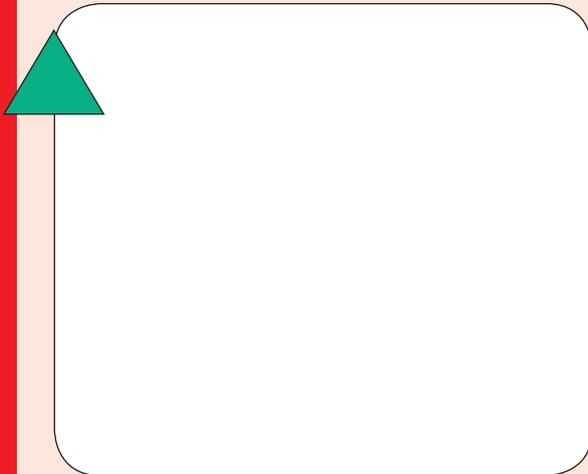
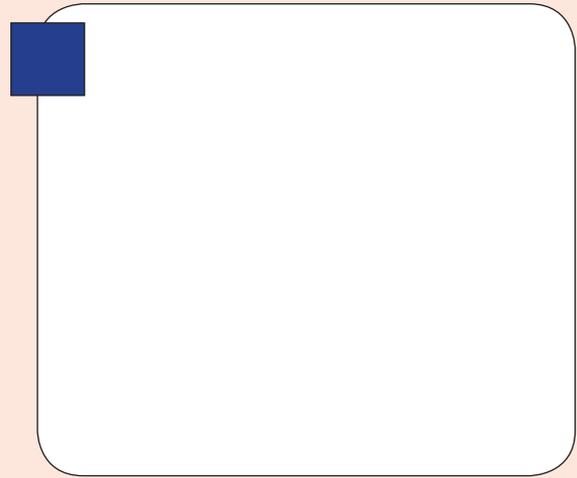
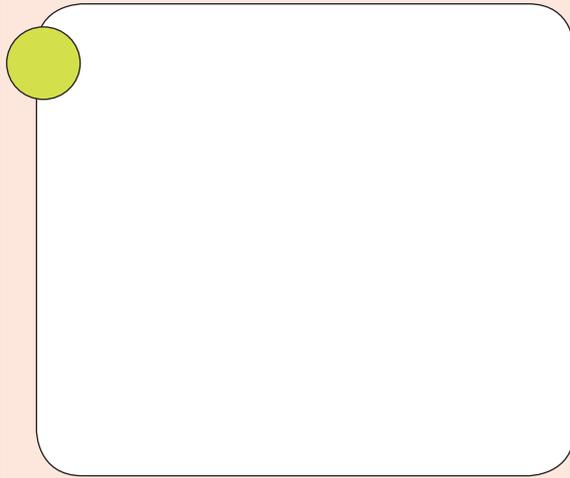
Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



# Imininingwane futsi



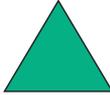
Hlunga labobunjwa. Yenta wakho umdvwebo. Bhala samba (ithothali) ebhokisini.





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: \_\_\_\_\_

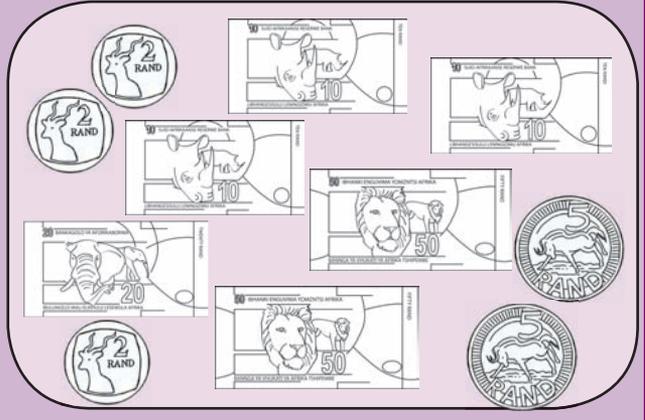


# Kubala imali

Faka umbala kubuhhehlu lobutakwenta 95c.



Faka umbala imali letakwenta R99.



Ithemu 4



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									



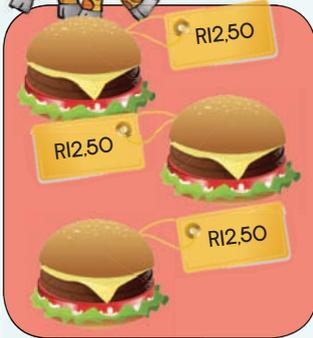
Sipho utsenge mabili emahambega.  
 Ihambega ngayinye ibita R12,50. Ubhadale malini?  
 Dvweba sitfombe semali lengiyo yemaphepha nebhuhhehlu kukhombisa  
 imphendvulo yakho. Futsi yibhale njengemusho nombolo.



Umusho nombolo:  
 $R12,50 + R12,50 =$



Kwentekani uma Sipho atsenga matsatfu emahambega?

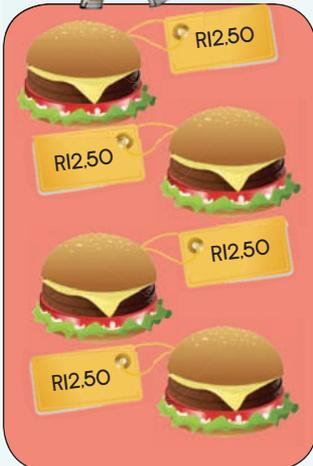


	○	○
	○	○
	○	○

Umusho nombolo:



Kwentekani uma Sipho atsenga mane emahambega?



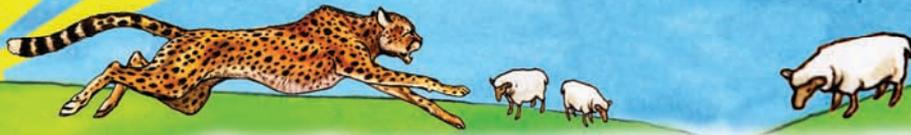
	○	○
	○	○
	○	○
	○	○

Umusho nombolo:



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

Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



# Kusombulula tibalo-mali

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

1 ishokholethi



2 emashokholethi



3 emashokholethi



4 emashokholethi



Sheila utsengisa emahothi-dogi nga R4 lilynje. 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 ihothi-dogi?

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



Sello ugadza bantswana. 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 umntswana 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

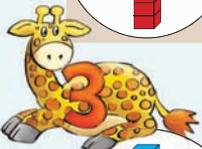
Mangaki emabhuloki kundilinga ngayinye? Wabe emkhatsini kwebantfwana.






Mangaki emabhuloki kundilinga ngayinye?  
Bhala ithothali kundilinga lelingangane.


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



Yaba emabhuloki emkhatsini wetindilinga.

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



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 sekwehlukana:

÷

Yaba tintfo tekubala leti-36 emkhatsini kwa 3.

Sibalo sekususa:

-

Sibalo sekwehlukana:

÷



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?

---



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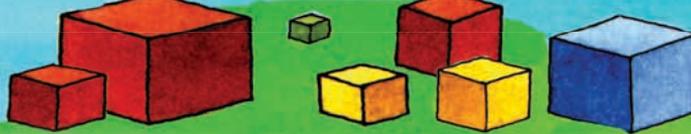


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Tingaki tinkomishi temanti lotidzinga kugcwalisa:

- 2 wemajeke \_\_\_\_\_
- 4 wemajeke \_\_\_\_\_
- 3 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.

Blank writing area for student response.



Teacher:  
Sign:  
Date:



# Emaphethini-tinombolo



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.

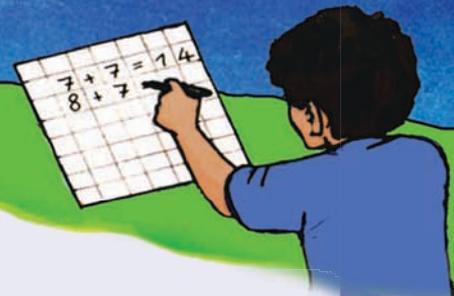
103   104   [ ]   [ ]   [ ]   108   [ ]   [ ]   [ ]   [ ]

[ ]   142   144   [ ]   [ ]   150   [ ]   [ ]   [ ]   [ ]

[ ]   [ ]   [ ]   106   103   109   [ ]   [ ]   [ ]   [ ]

124   128   132   [ ]   [ ]   [ ]   [ ]   [ ]   [ ]   [ ]

[ ]   [ ]   [ ]   95   105   [ ]   115   [ ]   [ ]



Cedzela loku lokulandzelako kubala uye emuva.

128	126	124			118				
160	157	154							
200	195	190							

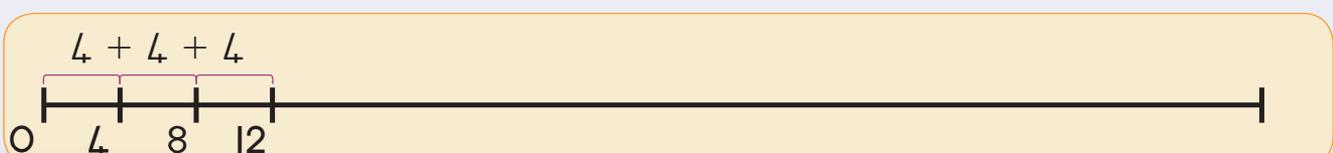
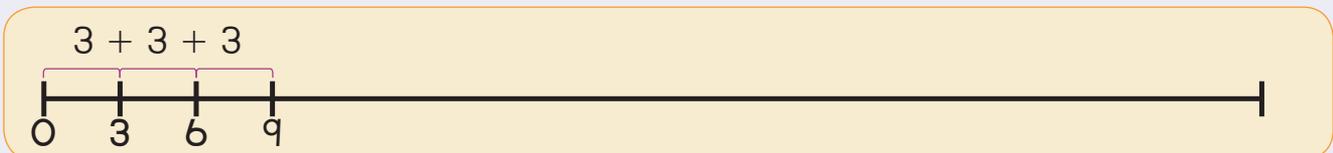


Cedzela loku lokulandzelako.

100, 102, 104, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
 160, 155, 150, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
 115, 118, 121, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
 200, 190, 180, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



Cedzela lomugca-nombolo.



Sibala ngabobani?

4	8	20
16		12

2	8	14
10	4	6

5	25	15
30	10	20

3	15	21
18	9	12

Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



# Kuphindzaphindza siyachubeka

Tonkhe tilwane tinetinyawo leti 4.

Tonkhe tilwane tinemadlebe lama 2.



Litsini linani letinyawo setitonkhe kulesitfombe?

Litsini linani lemadlebe sekawonkhe kulesitfombe?



Buka lesitfombe bese uCedzela loku lokulandzelako:



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

Linani Tinyawo silwane ngasinye lemagundwane

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

Linani Emadlebe silwane ngasinye lemagundwane



Cedzela loku lokulandzelako:

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

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



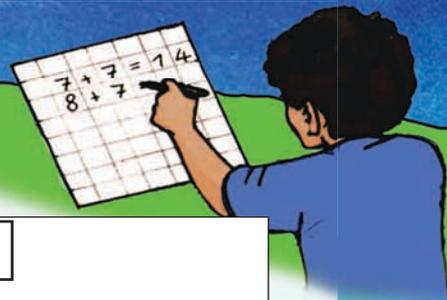
Cedzela loku lokulandzelako:

$$5 \times \text{3 apples} = \square \text{ emahhabhula}$$

$$4 \times \text{3 bananas} = \square \text{ bobhanana}$$

$$6 \times \text{3 bananas} = \square \text{ bobhanana}$$

$$7 \times \text{3 apples} = \square \text{ emahhabhula}$$



Cedzela loku lokulandzelako:

$$13 \times 3 = \square$$

$$\begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 3 \\ \hline \end{array} \times 3$$

$$= \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} + \begin{array}{|c|} \hline 3 \\ \hline \end{array} \times 3$$

$$= \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} \times 3 + \begin{array}{|c|} \hline 3 \\ \hline \end{array} \times 3$$

$$= 30 + 9$$

$$= 39$$



$$15 \times 3 = \square$$

$$\begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 5 \\ \hline \end{array} \times 3$$

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

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

$$= \square + \square$$

$$= \square$$



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 tfo

Yaba 15 wemaswidi ngekulingana emkhatsini wa 3 webantfwana.



Kunombolo  ngayinye tfo



Dvweba titfombe kukhombisa timphendvulo takho.

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

Kunombolo  ngayinye tfo

Yaba 16 wemakhirayoni emkhatsini wa 3 webantfwana.

Kunombolo  ngayinye tfo



Teacher:   
 Sign:   
 Date:



# Kuphindzaphindza lokuhlanganisele

Buka loku lokulandzelako, yini loyicaphelako?

$5 + 5 + 5 = 15$



3 weticumbi tabo 5 = 15



3 ticumbi tabo 5 ngu 15

3 aphindvwe ka 5 = 15

$3 \times 5 = 15$

$5 \times 3 = 15$



Cedzela lithebula ngentasi. Lesibonelo sitakukhomba indlela.

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



Ungakucedzela ngesivinini lesinganani loku lokulandzelako?

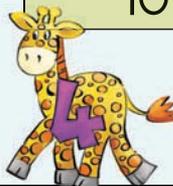
$1 \times 2 =$	
$2 \times 2 =$	
$3 \times 2 =$	
$4 \times 2 =$	
$5 \times 2 =$	
$6 \times 2 =$	
$7 \times 2 =$	
$8 \times 2 =$	
$9 \times 2 =$	
$10 \times 2 =$	

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



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 tihlavu eluheleni. Kuna 4 wemahela. Tingaki tihlavu setitonkhe? Dvweba sitfombe kukhombisa imphendvulo yakho.

Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



# Kuphindzaphindza siyachubeka futsi

Buka lesitfombe bese uhlanganisa letimabula.



Kuyini kuphindzaphindza?



$$1 \times 5 = 5$$

$$2 \times 5 = 10$$

$$3 \times 5 = 15$$

$$4 \times 5 = 20$$

$$5 \times 5 = 25$$

$$6 \times 5 = 30$$

$$7 \times 5 = 35$$

$$8 \times 5 = 40$$

$$9 \times 5 = 45$$

$$10 \times 5 = 50$$

Cedzela:

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

Sebentisa indlela yakho kusombulula loku.

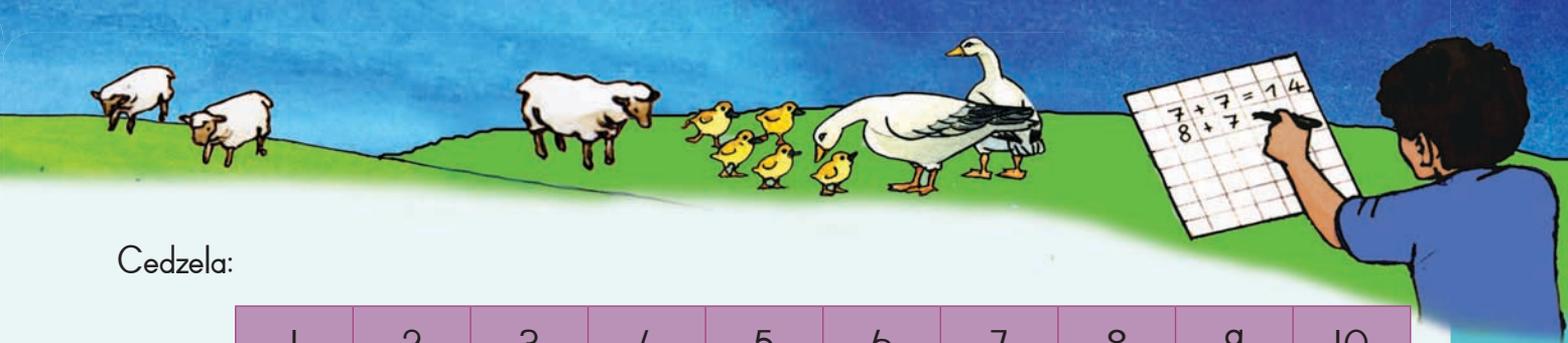
$12 \times 2$	$16 \times 2$
---------------	---------------

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.

$11 \times 4$	$14 \times 4$
---------------	---------------

Cedzela:

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

Sebentisa indlela yakho kusombulula loku.

$12 \times 5$	$16 \times 5$
---------------	---------------



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

4 wetikhwama?

5 wetikhwama?

3 wetikhwama?

2 wetikhwama?

Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

# Emalanga eliviki



Hlela kahle lamagama emalanga eliviki.

ILELIBIS

OSOLINTF

MBUKOLUUSMO

SATFULESIT

SINULEHLA

CIBEULOMG

LINESE

Gcwalisa emalanga lashiyiwe.

USmombukolu

Lesitsatfu

Ntfosoli

BisiLeli

Bhala phasi emalanga eliviki.

Ntfosoli

--	--	--	--	--	--	--

Mangaki emalanga kusuka:

kuMsombuluko kuya kuLesine? \_\_\_\_\_

kuLesibili kuya kuLesihlanu? \_\_\_\_\_

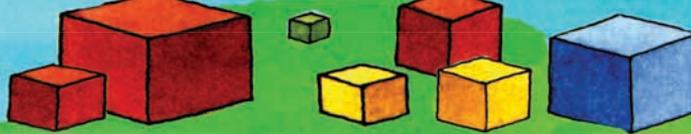
kuLesine kuya kuMgcibelo? \_\_\_\_\_

Mangaki emalanga emkhatsini we:

Msombuluko naLesihlanu? \_\_\_\_\_

Lesibili neMgcibelo? \_\_\_\_\_

Lesitsatfu naLesihlanu? \_\_\_\_\_



# Tinyanga temnyaka



Hlela kahle letinhlavu temagama etinyanga temnyaka.

HUVULEINDLONK    SABAMA    LWETI    OVANAINDL

TIKHWEINKHWE    NGONIINGO    LABAINH    INYOIN

WANELOKH    GCIIN    HALAIMP    ABHIMBINEDVW



Mangaki emalanga lakhona enyangeni ngayinye?

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



Phendvula lemibuto lelandzelako:

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



Nyanga yini leta embi kweNdlovulenkhulu? \_\_\_\_\_

Nyanga yini leta emva kweNhlaba? \_\_\_\_\_



Uma kunguKholwane, tingaki tinyanga letise embi kwaloku:

iNyoni? \_\_\_\_\_

iNgci? \_\_\_\_\_



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## 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 lekhanda 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? \_\_\_\_\_

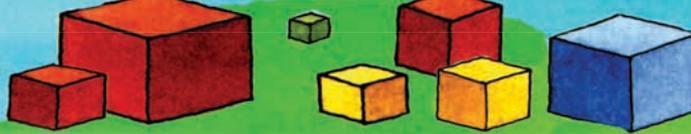
Mangaki emalanga lakhona evikini? \_\_\_\_\_

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?

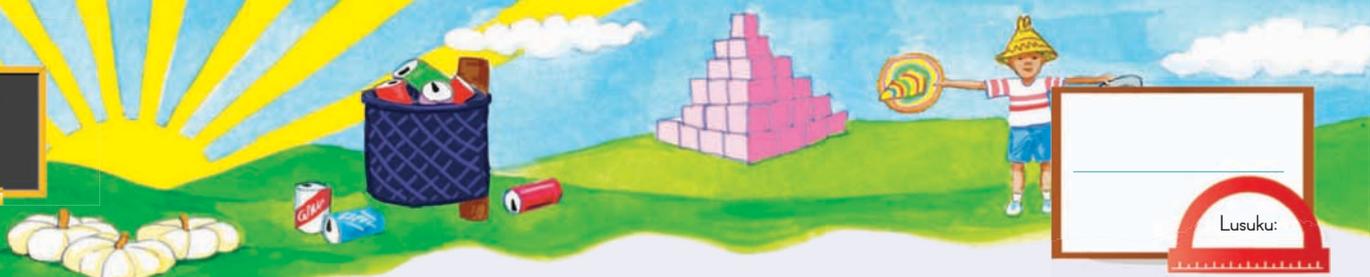
	Lusuku	Lilanga
		
		
		
		
		
		
		



Mangaki emalanga kusuka:

	kuya ku		
	kuya ku		
	kuya ku		
	kuya ku		





# 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,



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

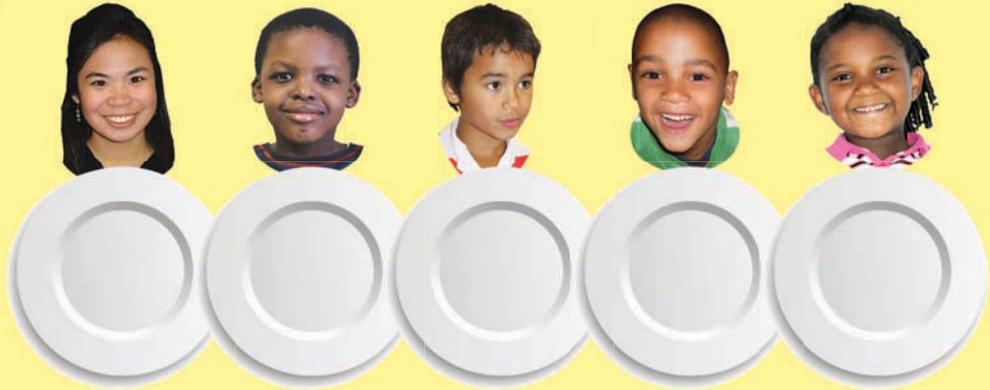


# Kwaba ngekulingana kusi yisa kumafrakishini

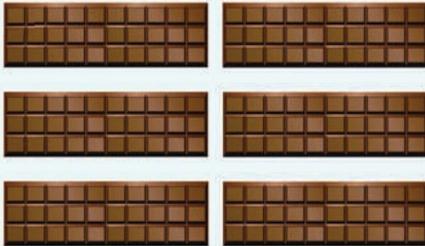
Lusuku:



Yaba lolucebedvu lweshokholethi usho kutsi mangaki emabhuloki latawutfolwa ngumntfwana ngamunye.



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



Khombisa imphendvulo yakho ngekwenza umdvwebo ngentasi.



Una 3 wemakhekhe. Wabe ngekulingana emkhatsini wa 4 webangani.



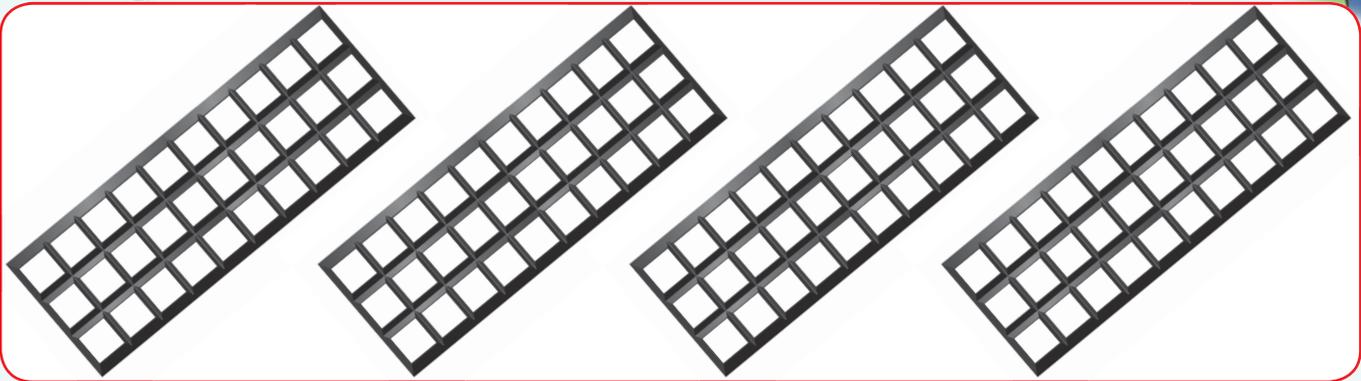
Umntfwana ngamunye utfola incenyentsatfu yinye yeshokholethi.

Khombisa imphendvulo yakho ngekwenza 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



Nguliphi licala licalandze lelifisha kakhulu? Lelidze kakhulu?

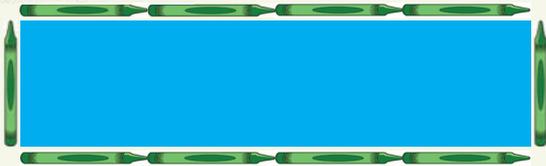


Licala lelidze ngu \_\_\_\_\_ wemakhirayoni.

Licala lelifisha ngu \_\_\_\_\_ wemakhirayoni.



Phendvula loku lokulandzelako.



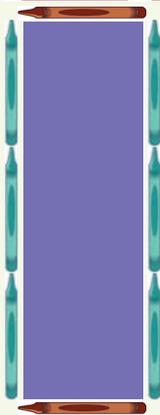
Licala lelidze ngu \_\_\_\_\_ wemakhirayoni.

Licala lelifisha ngu \_\_\_\_\_ wemakhirayoni.



Licala lelidze ngu \_\_\_\_\_ wemakhirayoni.

Licala lelifisha ngu \_\_\_\_\_ wemakhirayoni.



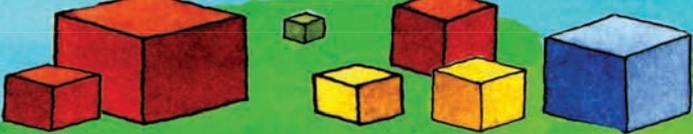
Licala lelidze ngu \_\_\_\_\_ wemakhirayoni.

Licala lelifisha ngu \_\_\_\_\_ wemakhirayoni.

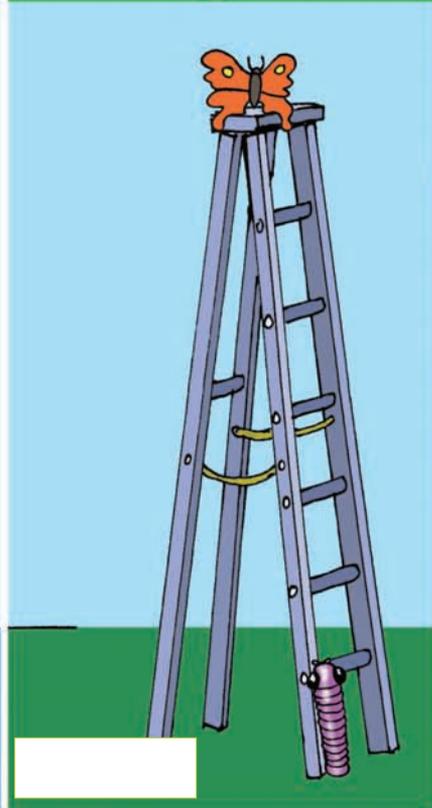
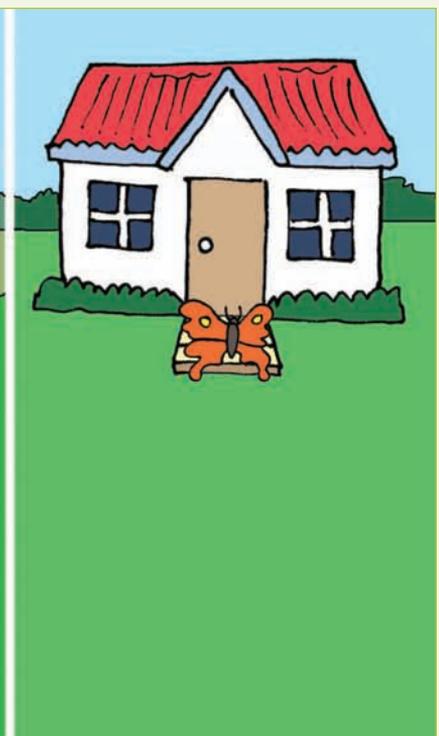
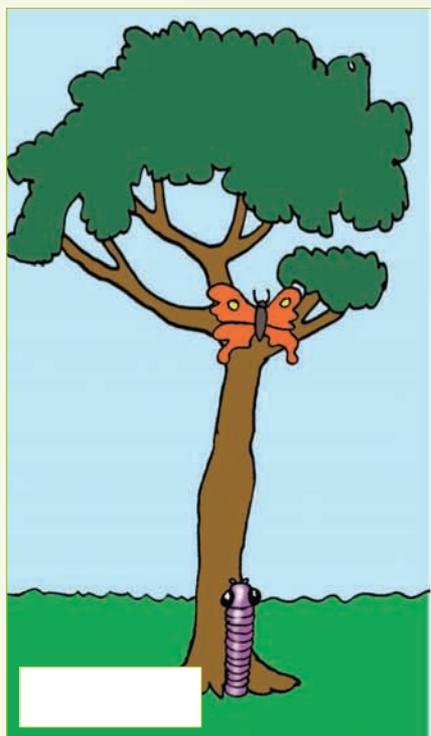


Licala lelidze ngu \_\_\_\_\_ wemakhirayoni.

Licala lelifisha ngu \_\_\_\_\_ wemakhirayoni.



Kutawutsatsa tibungu letingaki kufika eluvivaneni?



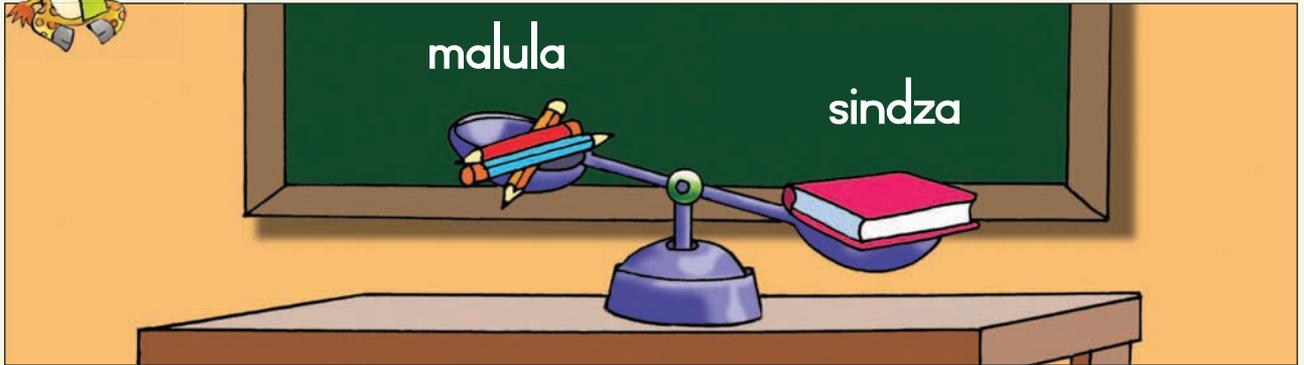
Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## Kwesindza neBumalula siyachubeka

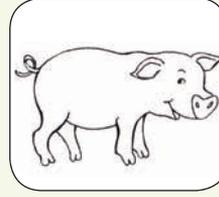
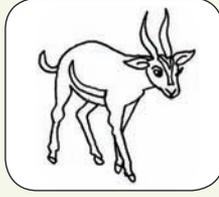
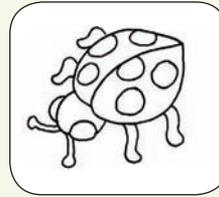
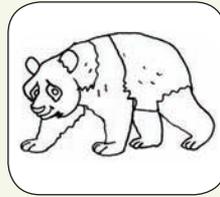
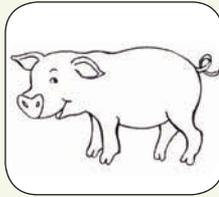
Lusuku:



Kushoni kwesindza nebumalula?



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

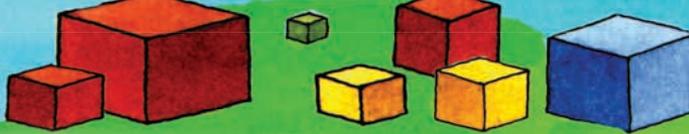


Buka lesitfombe. Tfola titfombe leti-2 tetintfo letimalula. Tinamatsisele lapha.



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

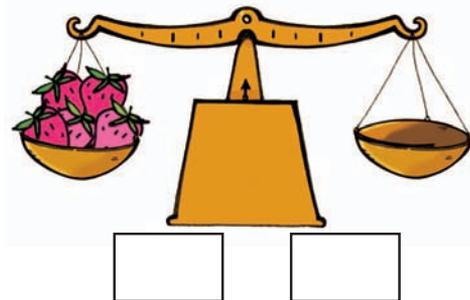
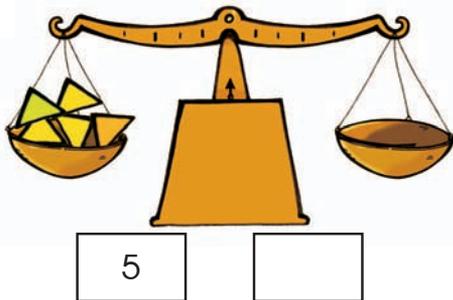




Ase usho kutsi letikali tiyalingana yini noma cha.



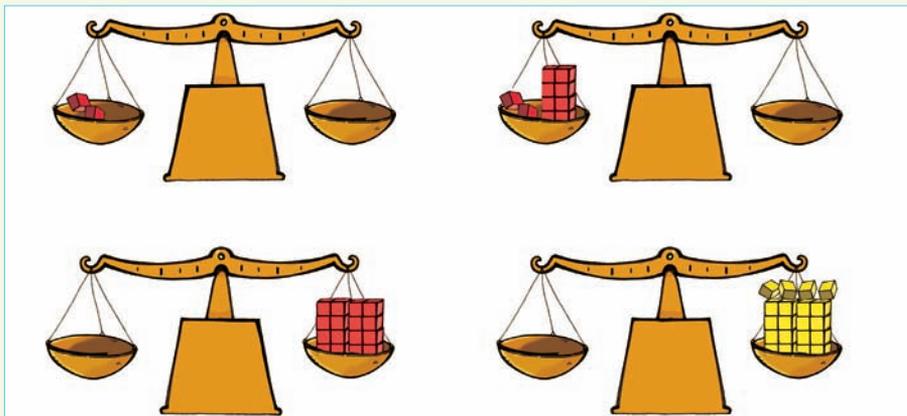
Yenta letikali tilingane. Yenta umdvwebo etikalini letite lutfo.



Dvweba imidvwebo kwenta letikali tibe liciniso.



Yenta letikali tilingane uma  =  .

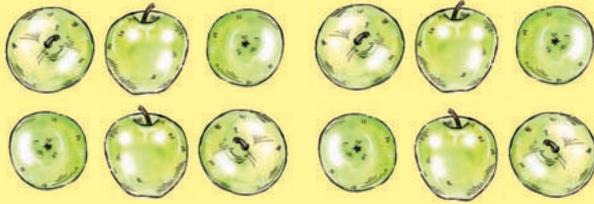


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Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



# Siyachubeka: kwabelana kusiholela kumafraکشینی

Yaba lamahhabhula emkhatsini webangani labatsatfu.



Amunye utfola mangaki emahhabhula? Mane.

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



Buka lesibonelo ngetulu bese ucedzela loku lokulandzelako.

- Yaba sitselo emkhatsini wemanani lehlukene ebangani.
- Shano kutsi umgani amunye utfola fraکشینی yini.



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

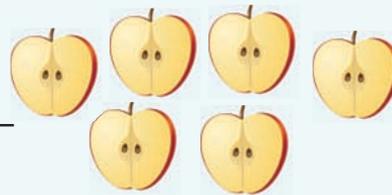


Emahhabhula lamatsatfu



asikwe aba bohhafu

Bangaki bantfwana labangatfola ihhafu amunye? \_\_\_\_\_

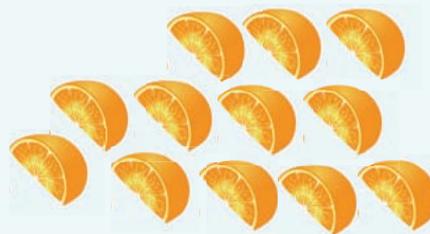


Ema-orintji lamane



asikwe aba tincenyentsatfu.

Bangaki bantfwana labangatfola incenyentsatfu yinye ngamunye?  
\_\_\_\_\_



Emahwabha lamabili



asikwe aba tincenye-sitfupha.



Bangaki bantfwana labangatfola incenye-sitfupha yinye ngamunye? \_\_\_\_\_



Umcecheshi webhola yetandla upha umdlali ngamunye ihhafu yeli-orintji.

Kuna 14 webadlali. Udzinga mangaki ema-orintji?

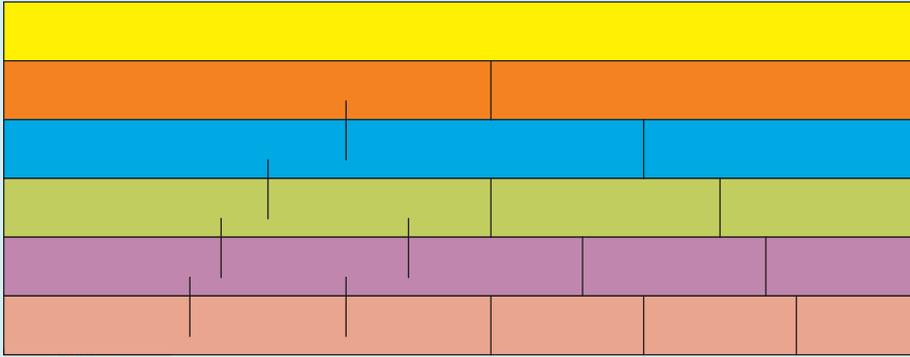


Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



# Emafrakishini

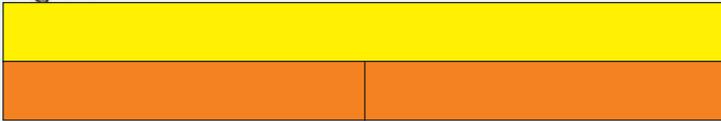
Lusho kutsini lucu ngalunye? Lamagama langesancele angakusita. Condzanisa ligama nelucu.



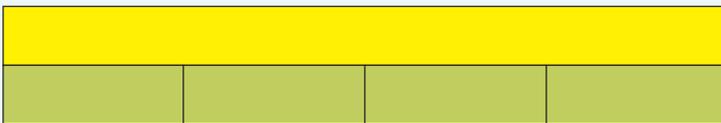
- incenyentsatfu yinye
- incenye-sihlanu yinye
- ihhafu yinye
- incenye-sitfupha yinye
- ikota yinye



Cedzela loku lokulandzelako.



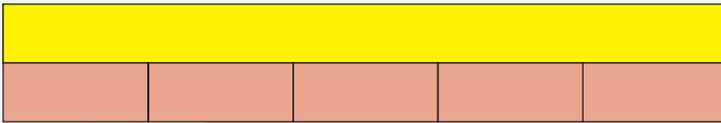
2 wabohhafu uyafana na \_\_\_\_\_ logcwele.



4 wemakota uyafana na \_\_\_\_\_ logcwele.



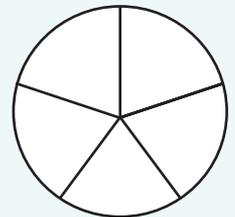
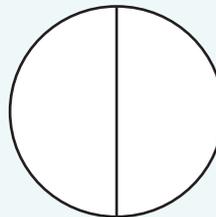
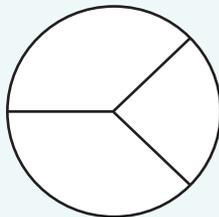
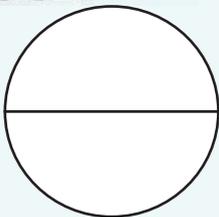
3 waboncenyentsatfu uyafana na \_\_\_\_\_ logcwele.



5 wetincenye-sihlanu uyafana na \_\_\_\_\_ logcwele.



Faka umbala kuloku lokulandzelako. Yini loyicaphelako?





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

ihhafu yinye



Dvweba bobunjwa kukhombisa loku lokulandzelako Sebentisa tikwele,  
bocalandze netindilinga.

incenyentsatfu yinye

ihhafu yinye

ikota yinye

incenye sihlanu yinye

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

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



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



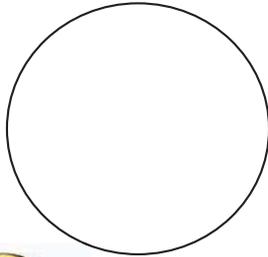
## Siyachubeka ngemafrakishini

Ungatsandza lucetu lolubuya kuliphi likhekhe. Kungani?

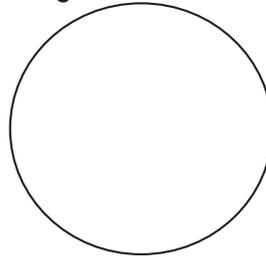


Umngani wakho ukucela kutsi wehlukanise ipitsa ibe tincetu letilinganako. Yenta umdvwebo kukhombisa ngakunye kwaloku.

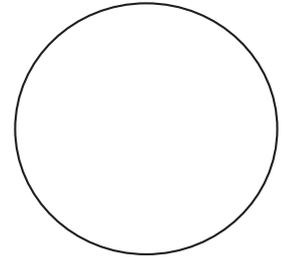
Bohhafu



Boncyentsatfu



Emakota



Faka luphawu (✓) emphendvulweni lengiyo.

Wena nemngani wakho nidle babili bohhafu bepitsa. Kunganani lenikudlile?

- Ihhafu yinye yepitsa noma
- Ipitsa yinye legcwele?

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

- Incenyentsatfu yinye yepitsa noma
- Ipitsa yinye legcwele?

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

- Ikota yinye noma
- Emakota lamane?

Phendvula lemibuto lelandzelako:

- Uma ngehlukanisa ipitsa ngetincenye-sihlanu tingaki tincenye-sihlanu lokufute sitidle kute siyidle yonkhe ipitsa legcwele? \_\_\_\_\_
- Uma 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 lokulanzelak? Yini loyicaphelako?	Babili bohhafu	Batsatfu boncenyentsatfu	Mane emakota



Faka umbala kumafurakishini lafanako nakunye lokugcwele.

matsatfu emakota

batsatfu boncenyentsatfu

tine tincenye-sihlanu

mabili emakota

babili bohhafu

sihlanu setincenye-sihlanu

timbili tincenye-sihlanu

timbili tincenye-sihlanu

yinye ikota

incenyentsatfu yinye

tintsatfu tincenye-sihlanu

ihhafu yinye

mane emakota

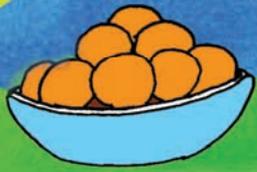
babili boncenyentsatfu

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

Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

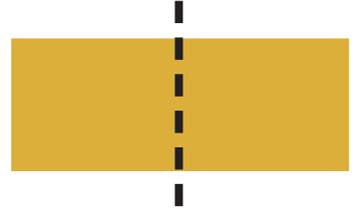
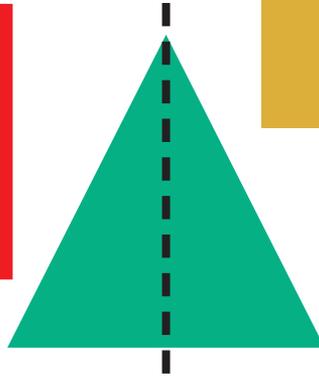
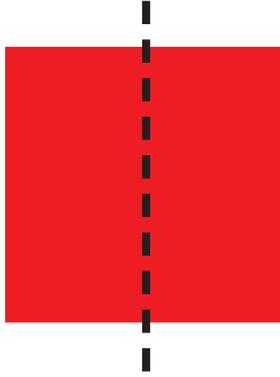
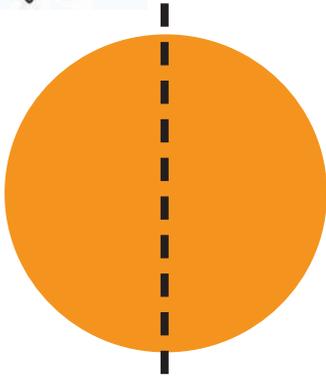
Date: \_\_\_\_\_



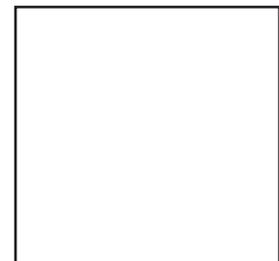
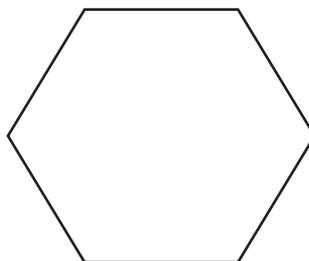
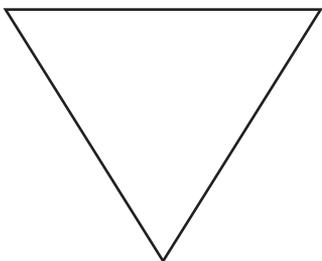
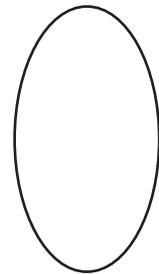
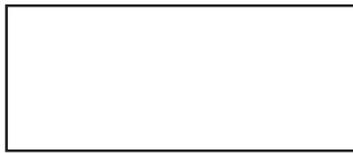
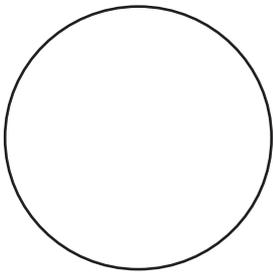
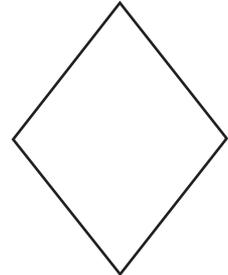
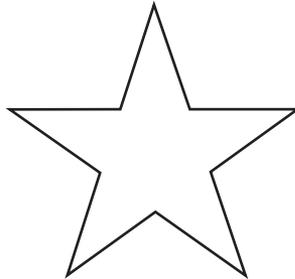
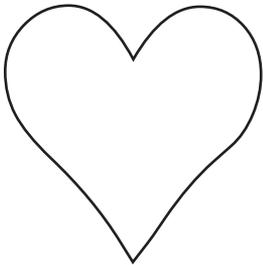
## Umugca – sibuko nabobunjwa



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

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

Lolu luhla. Lolu luhele.

Uwasebentise njani emahle netinla kukusita?



Bangaki bobunjwa labakhona? Iyini ihhafu yinye yalabobunjwa?

		<input type="text" value="6"/>		<input type="text"/>		<input type="text"/>
		<input type="text" value="3"/>		<input type="text"/>		<input type="text"/>



Bangaki bobunjwa labakhona? Iyini incenyentsatfu yinye yabobunjwa?

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



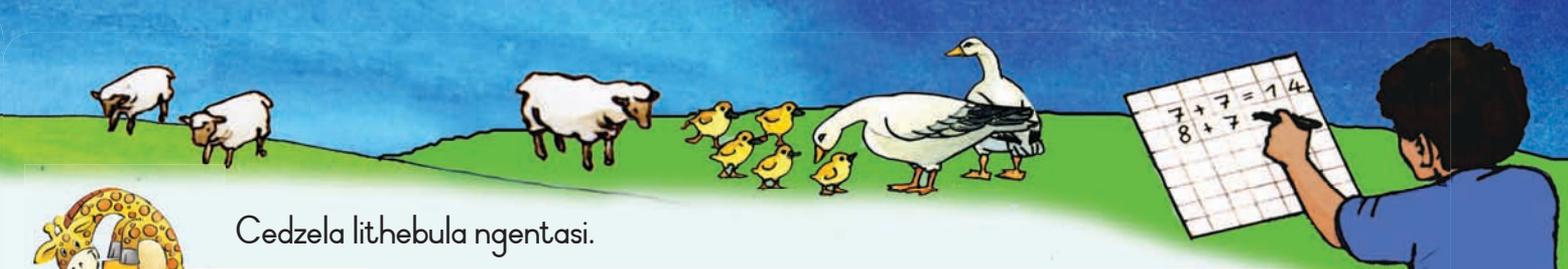
Bangaki bobunjwa labakhona? Iyini ikota yinye yabobunjwa?

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

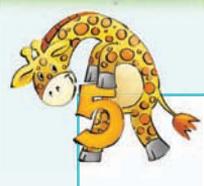


Bangaki bobunjwa labakhona? Iyini incenye-sihlanu yinye yabobunjwa?

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



Cedzela lithebula ngentasi.



	Kuphinzaphindza umusho nombolo	Kwehlukana 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

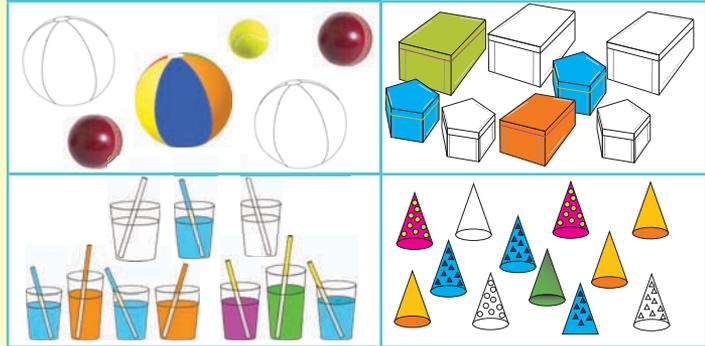
Buka letinchazelo bese uticatsanisa naletitfombe kukhombisa kutsi yifrakishini yini yaletintfo lefakwe umbala. Cocani ngako.

I ihhafu yesicumbi setintfo

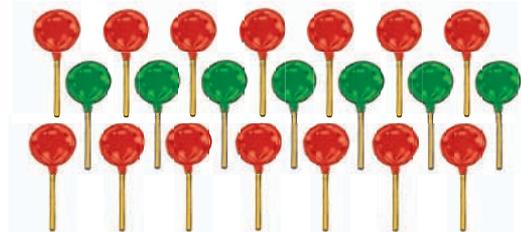
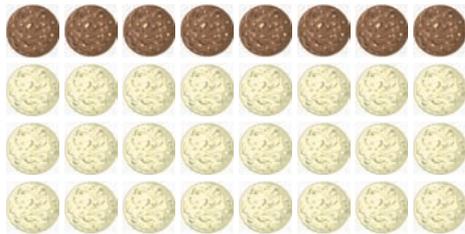
I incenyentsatfu yesicumbi setintfo

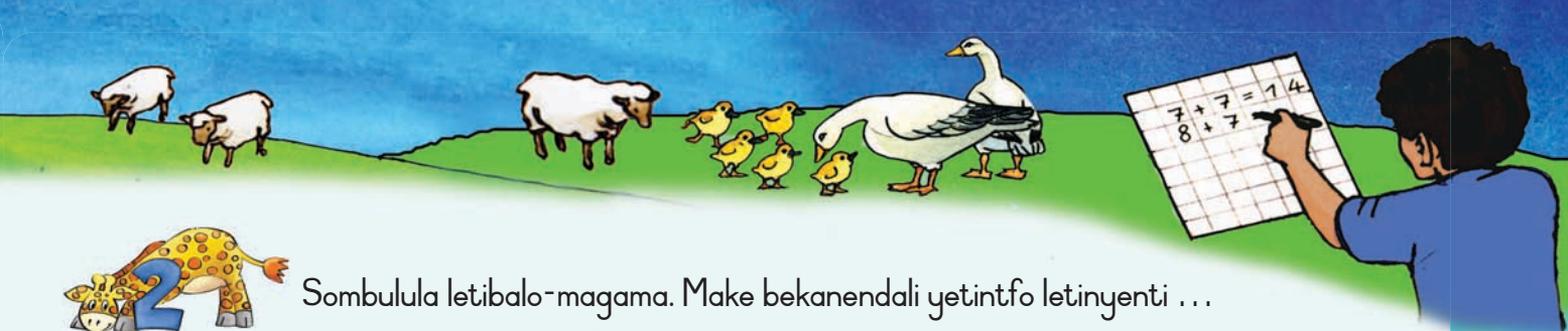
I ikota yesicumbi setintfo

I incenye-sihlanu yesicumbi setintfo



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





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

Bekana 15 wetikipa. Utsengise 5.  
Utsengise ifrakishini yini?

Dvwebela umbuto.

Ngutiphi tinombolo-nsika? \_\_\_\_\_

Dweba sitfombe kukhombisa imphendvulo yakho.

Bekana 18 emajezi. Utsengise 9.  
Utsengise ifrakishini yini?

Dvwebela umbuto.

Ngutiphi tinombolo-nsika? \_\_\_\_\_

Dweba sitfombe kukhombisa imphendvulo yakho.

Bekana 12 tiketi. Utsengise 3.  
Utsengise ifrakishini yini?

Dvwebela umbuto.

Ngutiphi tinombolo-nsika? \_\_\_\_\_

Dweba sitfombe kukhombisa imphendvulo yakho.

Bekana 20 emabhantji. Utsengise 4.  
Utsengise ifrakishini yini?

Dvwebela umbuto.

Ngutiphi tinombolo-nsika? \_\_\_\_\_

Dweba sitfombe kukhombisa imphendvulo yakho.



Yifrakishini yini yemakhekhana lenongwe ngetulu ngashukela wabhanana?

Westrobheri?  Webhabuli-gamu?



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



# Umugca – sibuko kumaphethini



Buka letitfombe kulengubo leticephu-ticephu. Yini loyibonako?



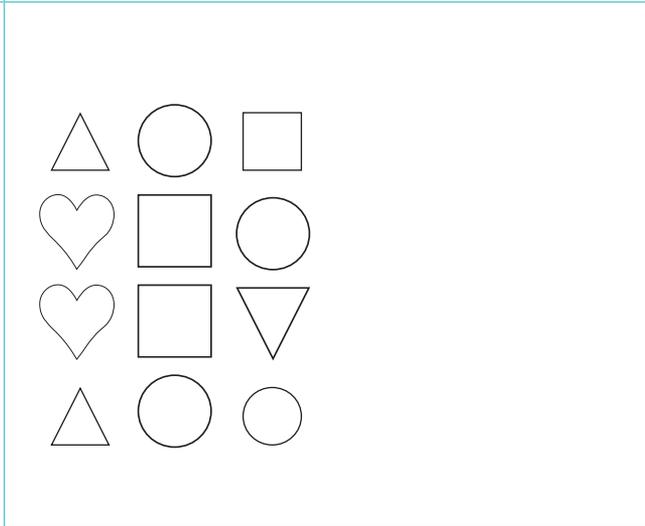
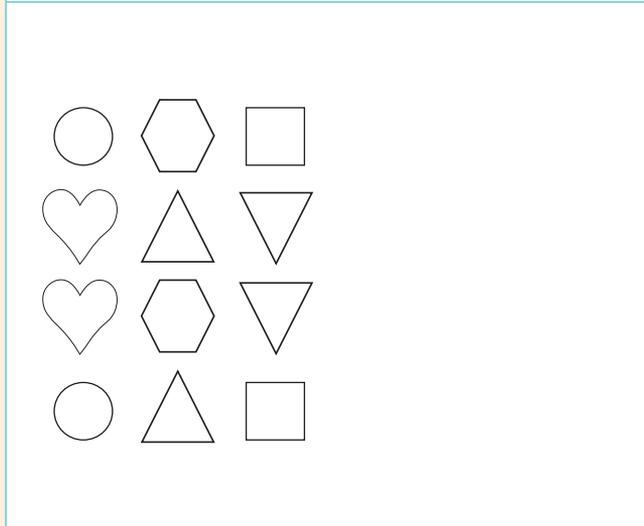
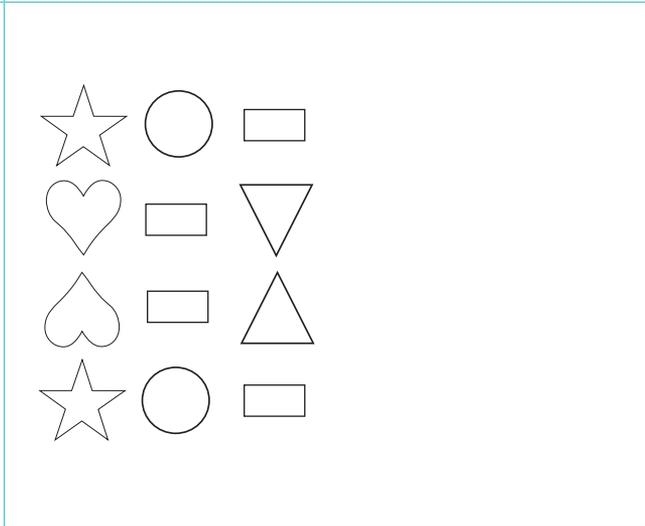
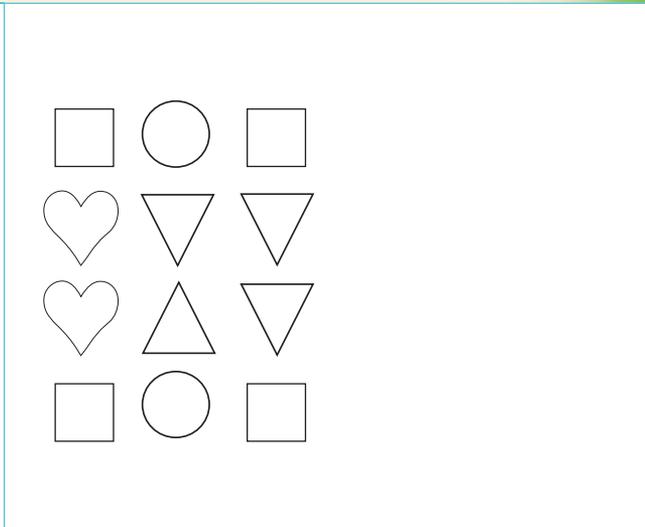
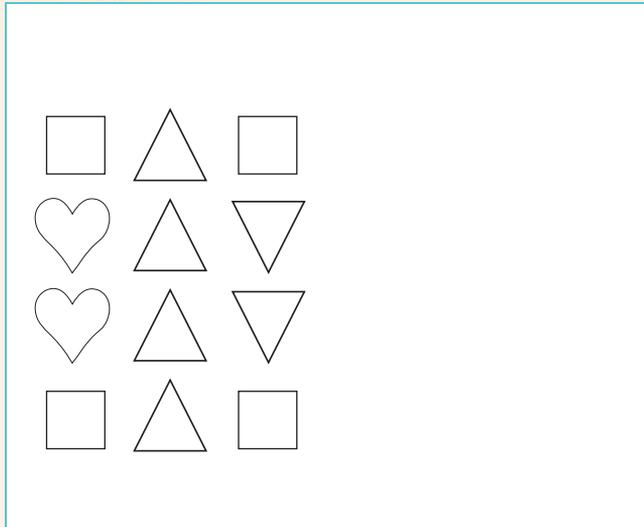

Dvweba imigca khona licala ngalinye laleticephu libukeke lifana ncwe nalela lelinye licala.







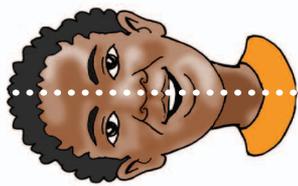
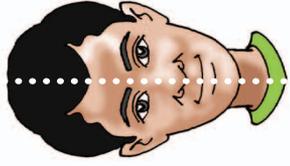
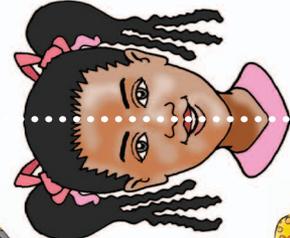
Dvweba lela lelinye licala lesicephu ngasinye.  
Tifake umbala.



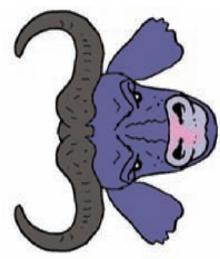
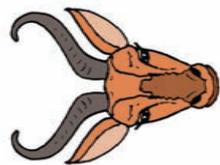
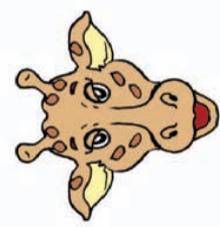
Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

# Umugca-sibuko siyachubeka

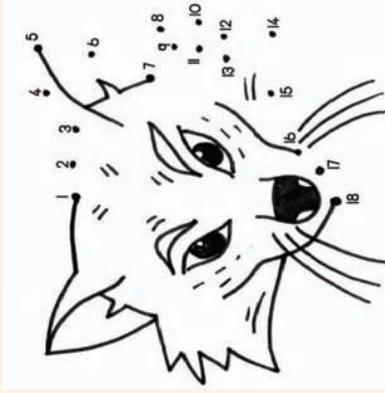
Buka letitfombe tebuso. Ngabe lencenye lenye yebuso iyafana yini nangale kulelinye licala?



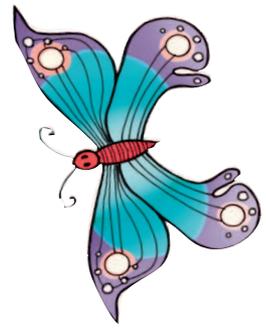
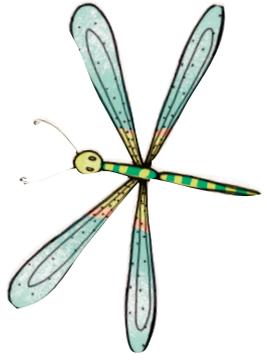
Dweba umugca khona lelicala lebuso litowubukeka lifana nowe nangale kulelinye licala.



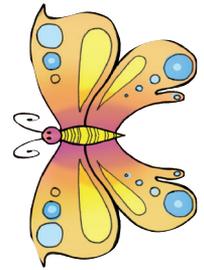
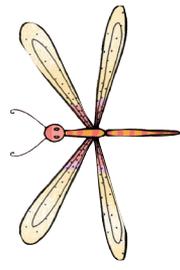
Dweba lela lelinye licala lebuso. Lephethini yetimombolo itakusit'a.



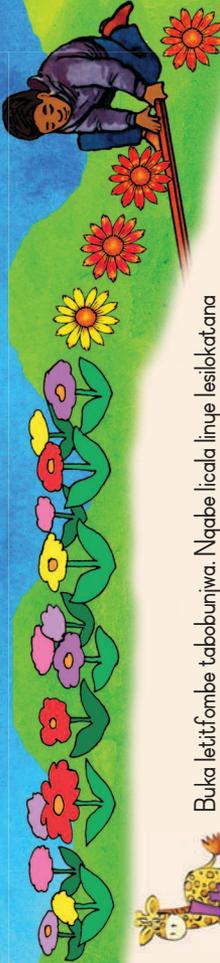
Buka letitfombe tabobunjwa. Ngabe licala linye lesilokatana libukeka lifana yini nalela lelinye licala?



Dweba umugca khona licala linye lesilokatana libukeke lifana nowe nalela lelinye licala.



Dweba lela lelinye licala letilokatana.



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_