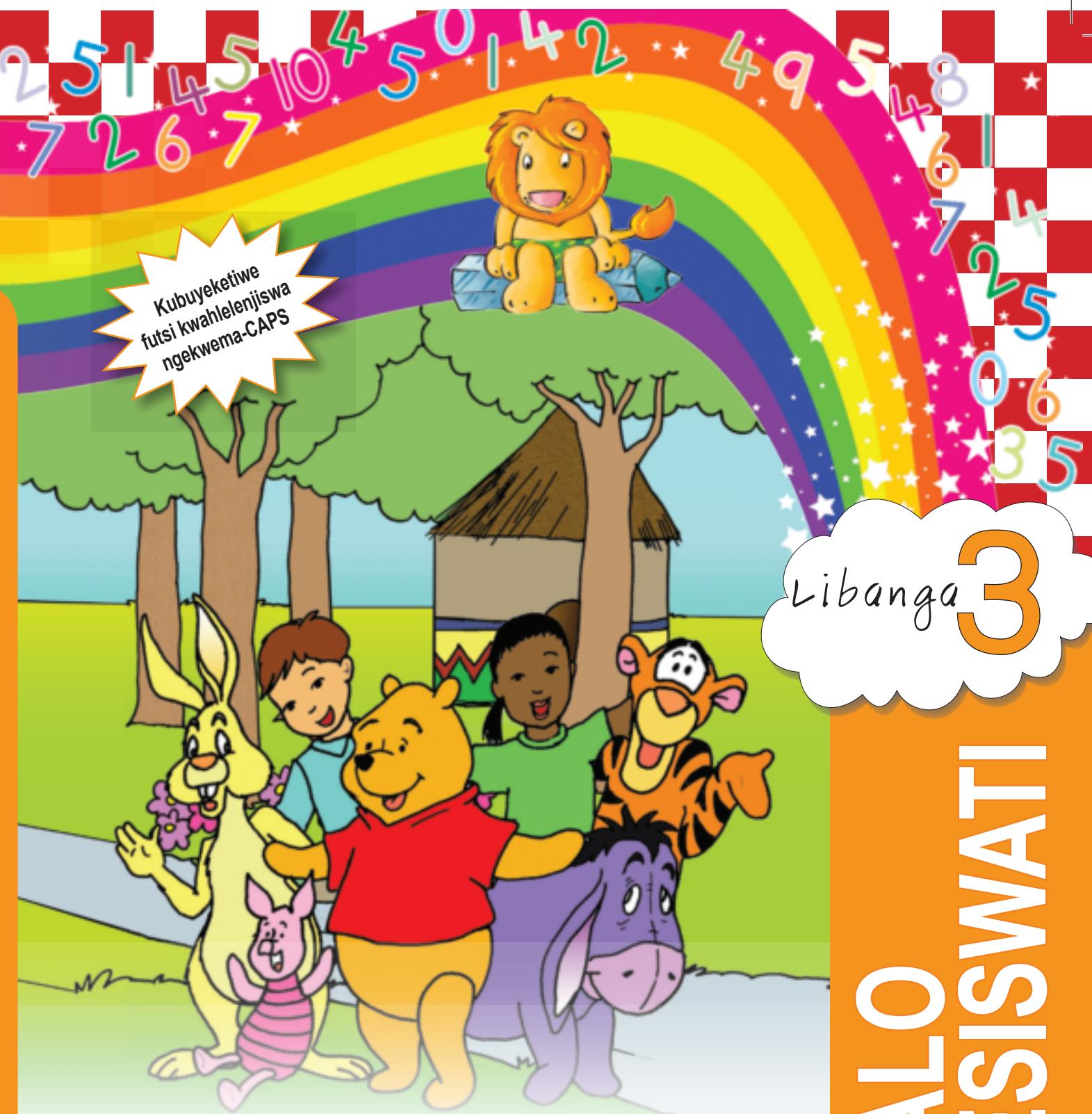


# 3

# TIBALO NGESISWATI

Incwadzi 2  
Emathemu  
3 & 4



TIBALO NGESISWATI – Libanga 3 Incwadzi 2

ISBN 978-1-4315-0155-7



**basic education**  
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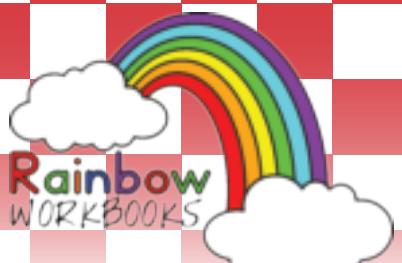
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Likilasi:

# 2 3 4



ISBN 978-1-4315-0155-7



MATHEMATICS IN SISWATI

GRADE 3 – BOOK 2

TERMS 3 & 4

ISBN 978-1-4315-0155-7

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7th Edition

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Nkhskt. Angie Motshekga,  
iNdvuna yeMfundvo  
yeSisekelo



UMnu. Enver Surty,  
liphini leNdvuna yeMfundvo  
yeSisekelo

Letincwadzi tekusebentela tikhicitelwe bantfwana  
baseNingizimu Afrika ngekuholwa yiNdvuna yeTemfundvo  
yeSisekelo.

Nkhskt Angie Motshekga akanye neLiphini lakhe uMnu Enver  
Surty.

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

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

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

Sifisela bothishela nebafundzi imphumelelo basachubeka  
nekusebentisa letincwadzi tekusebentela.



# Libanga 3



T i b a i o

A series of five colorful, tilted rectangular blocks spelling out the word "Tibaino". The blocks are orange (T), red (i), blue (b), yellow (a), and purple (o).

Lencwadzi ya:



SISWATI

Incwadzi

2

65

Lusuku:

.....

## Tinombolo 500 kuya ku 600

Ithemu 3



Bala ubhale.

- a. Sebentisa lelishathi lelilandzelako kukusita ubale kusuka ku 500 kuye ku 600. Shano letinombolo usabala.

500



501			504					510
						518		
	522							
				536				
541							549	
						558		
		573						
						588		590
592			595					600

- b. Bhala tinombolo letishiyiwe kugridi ngetulu.  
c. Bhala letinombolo letili-10 letita emva kwa 500.

500; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

- d. Bhala letinombolo letisi-8 letilandzelako ngephethini yabo 2.

510; 512; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

- e. Bhala tonkhe letinombolo ngephethini yabo 2 kusuka ku 548 kuye ku 570.

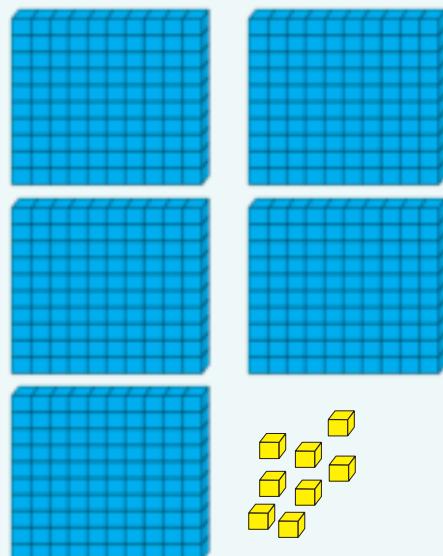
548; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; 570

- f. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo 5.

515; 520; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



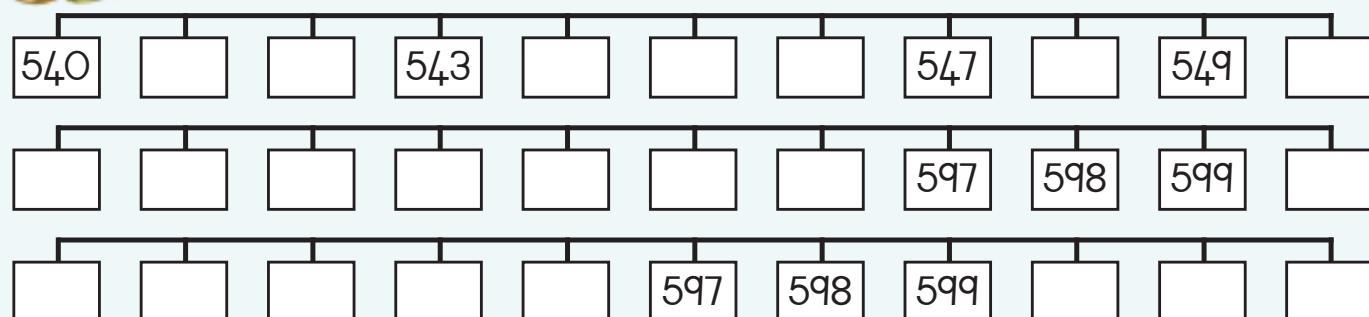
Mangakhi emabhuloki lowabalile?



Uwabale kanjani lamabhuloki?



Cedzela imigca-nombolo.



Cedzela  
lithebula.

Bhala kusuka kulencane  
kakhulu kuye kulenkhulukati.

Bhala kusuka kulenkhlukati  
kuye kulencane kakhulu.

582, 586, 584, 581, 585

566, 506, 560, 516, 506



Teacher:  
Sign:  
Date:



Bhala lokulandzelako ngemagama.

520

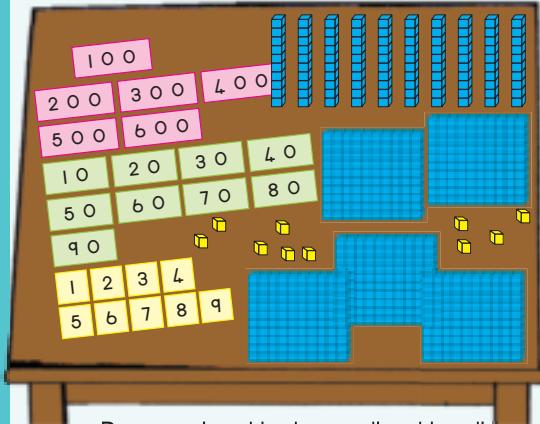
11 12 13 14 15 16 17 18 19 20

66

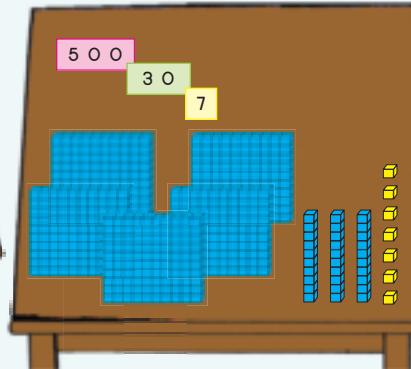
# Sichubeka ngetinombolo 500 kuya ku 600

Lusuku:

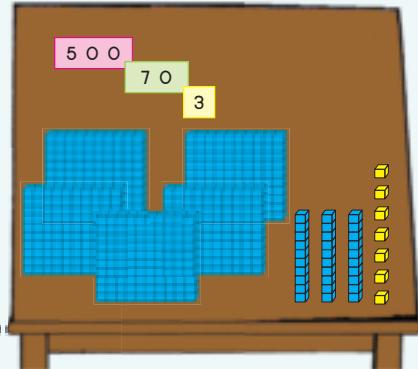
Ithemu 3



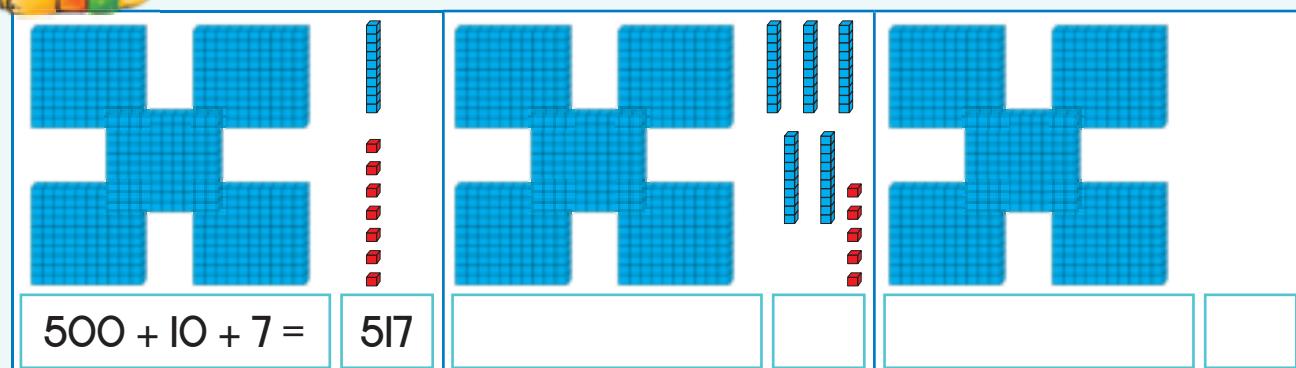
Peter unalamakhadi emandla-sikhundla  
lalandzelako nemabhluloki-sisekelo  
lalishumi.



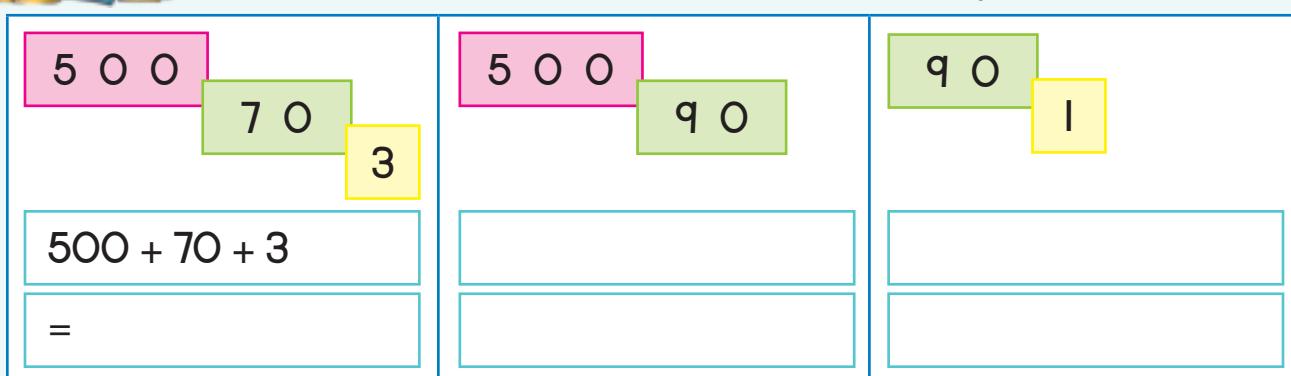
Naku lokukhonjiswe ngu-Aakar.  
Yini langakayenti kahle?

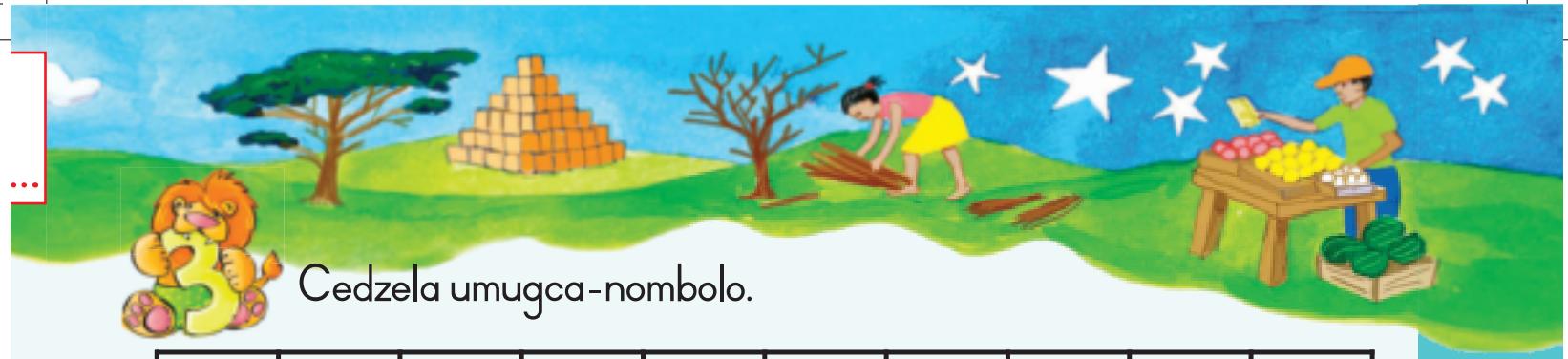


Bhala umusho-nombolo bese kulandzela imphendvulo.



Bhala umusho-nombolo bese kulandzela imphendvulo.





## Cedzela umugca-nombolo.

550    551    552                                560

Bhala tonkhe letinombolo letincane kuna 556.

Bhala tonkhe letinombolo letinkhulu kuna 556.



## Vutfuta inombolo yakho.

- Yakha inombolo ngayinye ngemakhadi akho.
- Bhala emandla eluhlavu-nombolo ngalunye.

Kunetinhlavu-nombolo letilishumi.

0 1 2 3 4 5 6 7 8 9

Sitibeka ndzawonye kwenta tinombolo.

495	
508	
594	
549	
602	

Sibonelo: 517

5 0 0

1 0

7

5 1 7

517    500 + 10 + 7



## Bhala tinombolo-magama.

221	
486	
369	
419	
491	



11    12    13    14    15    16    17    18    19    20

67

Lusuku:

## Tinombolo 600 kuya ku 700

Ithemu 3



Bala ubhale.

- a. Sebentisa lelishathi lelilandzelako kukusita ubale kusuka ku 600 kuye ku 700. Shano letinombolo usabala.

600



601			604					610
						618		
	622							
				636				
641							649	
						658		
		673						
						688		690
692			695					700

- b. Bhala tinombolo letishiyiwe kugridi ngetulu.  
c. Bhala letinombolo letili-10 letita emva kwa 600.

600; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

- d. Bhala letinombolo letisi-8 letilandzelako ngephethini yabo 2.

622; 624; 626; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

- e. Bhala tonkhe letinombolo ngephethini yabo 2 kusuka ku 611 kuye ku 633.

611; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; 633 \_\_\_\_\_

- f. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo 5.

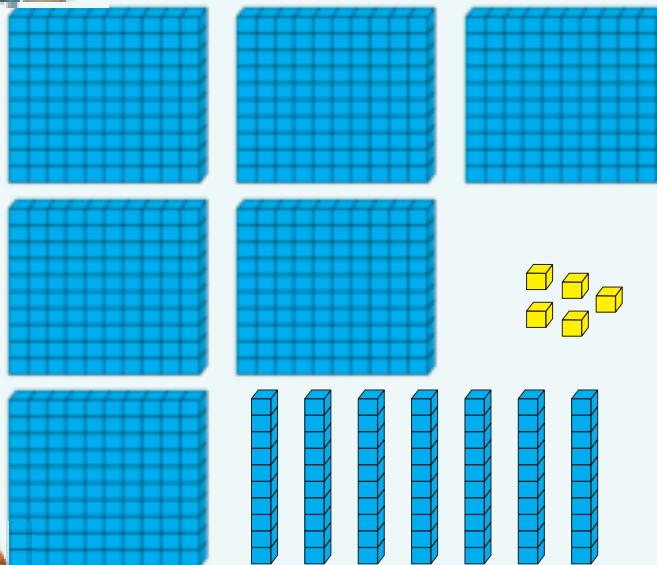
645; 650; 655; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



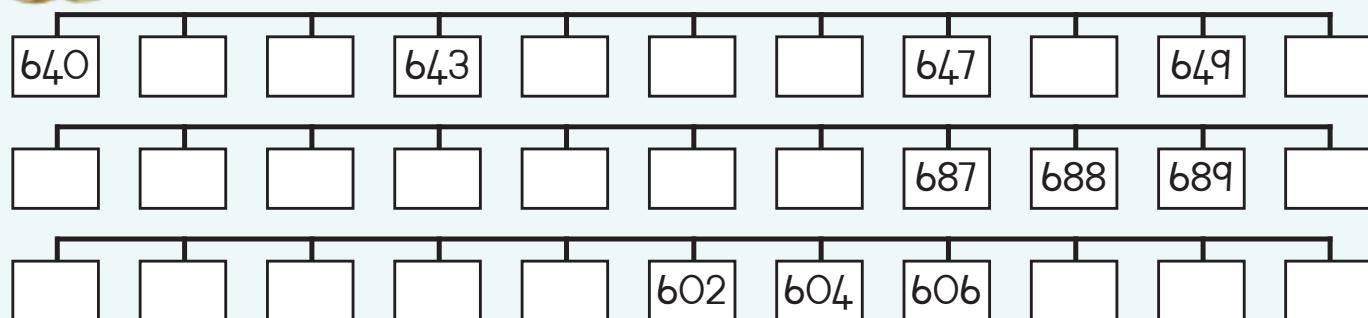
# Mangakhi emabhuloki lowabalile?



## Uwabale kanjani lamabhuloki?



## Cedzela imiqca-nombolo.



# Cedzela lithebula.

Bhala kusuka kulencane  
kakhulu kuye kulenkhlukati.

Bhala kusuka kulenkhulukati  
kuye kulencane kakhulu.



672, 676, 674, 671, 675		
656, 605, 650, 615, 605		



Bhala lokulandzelako ngemaqama.

63



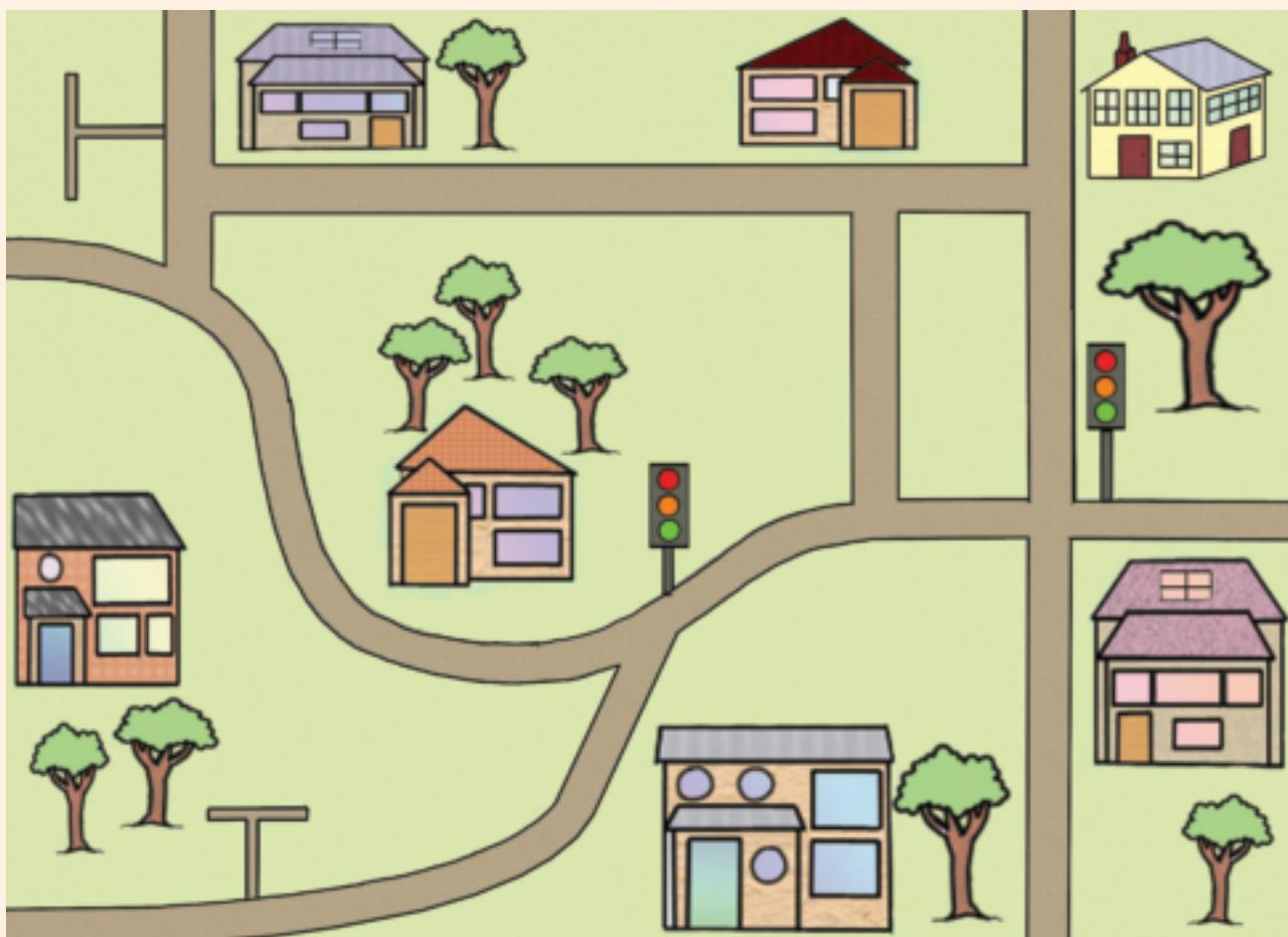


Lusuku:

## Umsebenti welibalave

Buka lesitfombe.

- Kuyini loku?
- Sikusebentiselani?
- Singatfolani kubalave?



Dvweba lokulandzelako kulibalave:

Umtaponcwadzi, tikolo, umtfolamphilo, sibhedlela, emaphoyiseni, etitolo.  
Ungengeta titaladi letimbalwa.



Sebentisa lelibalave ekhasini  
lelengcile kulayela bangani bakho indlela kusuka:

- a. emtfolamphilo uye emaphoyiseni.


- b. esikolweni uye emtfolamphilo.


- c. esikolweni uye etitolo.


- d. etitolo uye emtaponcwadzi.


- e. emtaponcwadzi uye esikolweni.


- f. esibhedlela uye esikolweni.




Teacher:  
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

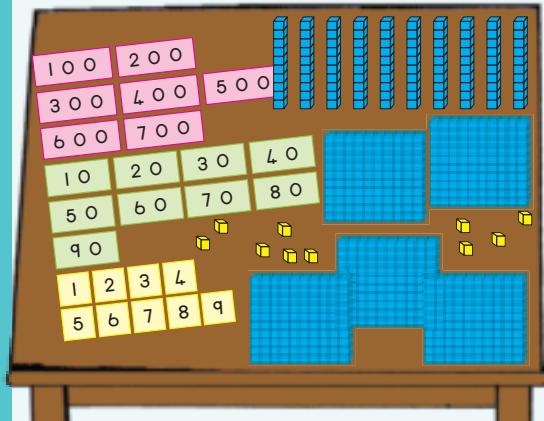
69

# Siyachubeka

## ngetinombolo 600 kuya ku 700

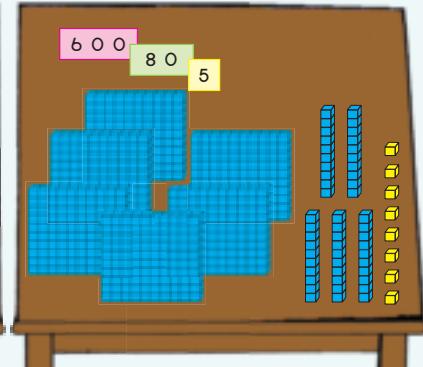
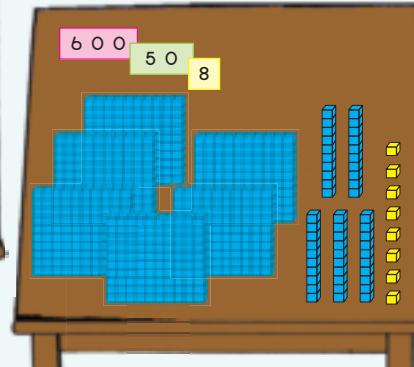
Lusuku:

Ithemu 3



Thishela ucela Peter kutsi akhombise 658 ngemakhadi nangemabhuloki akhe.

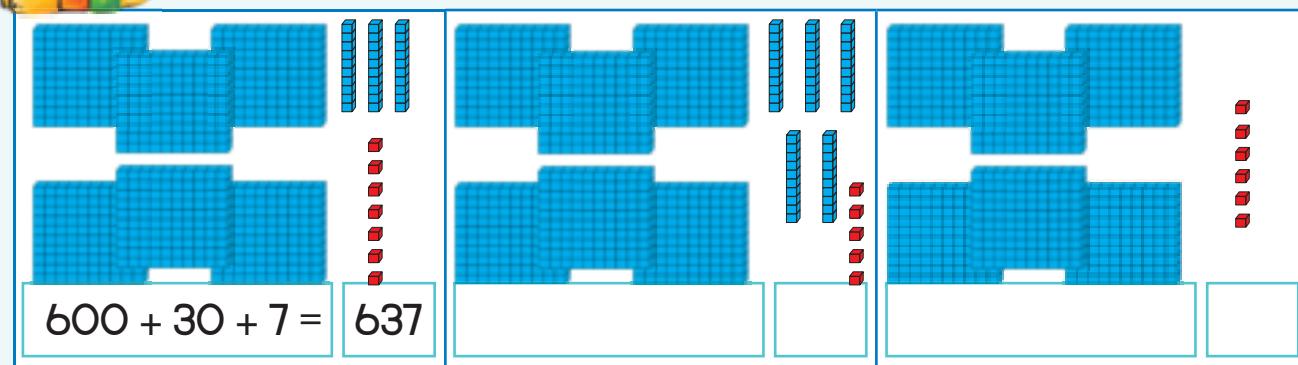
Naku Andile lakukhombisile. Yini langakayenti kahle?



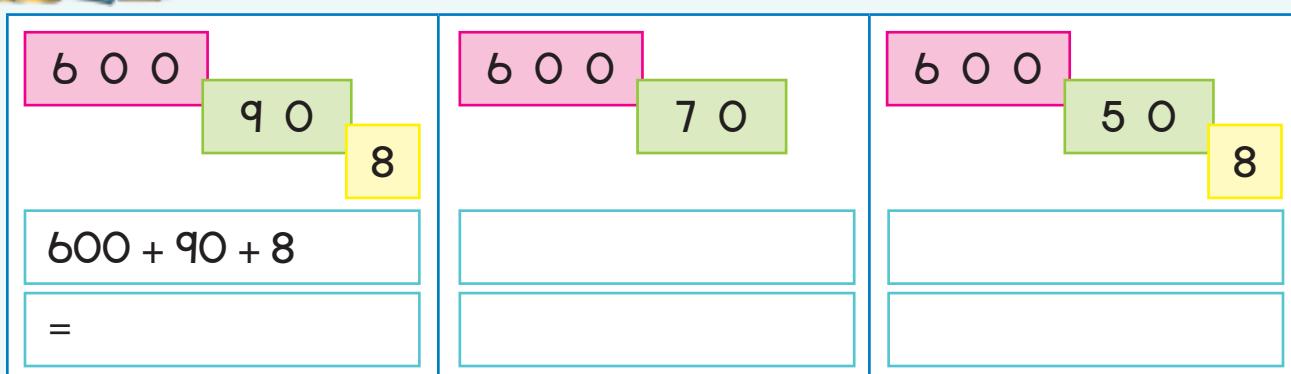
Peter unalamakhadi emandla-sikhundla lalandzelako nemabhuloki-sisekelo lalishumi.

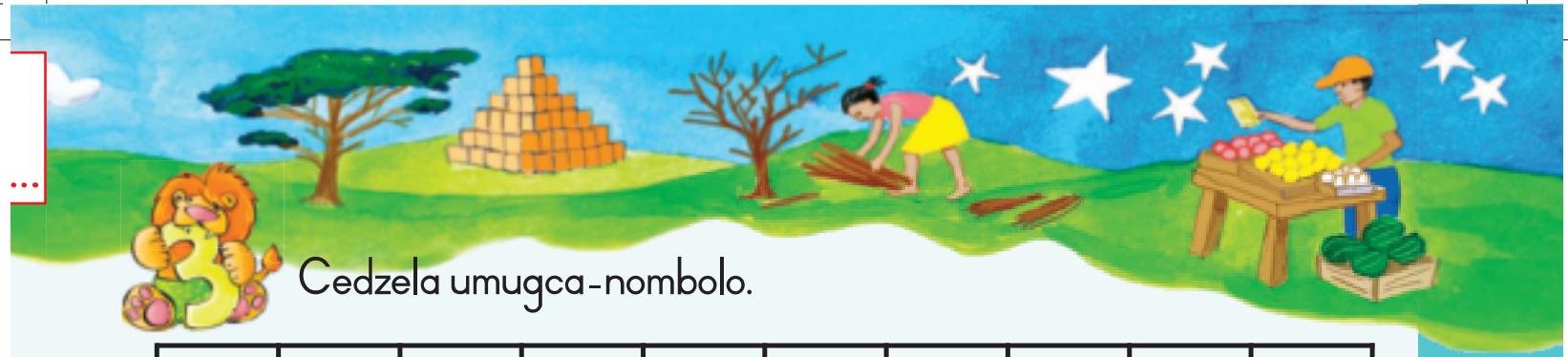


Bhala umusho-nombolo bese kulandzela imphendvulo.



Bhala umusho-nombolo bese kulandzela imphendvulo.





## Cedzela umugca-nombolo.

670    671    672                                680

Ngibhalele tonkhe letinombolo letincane kuna 675.

Ngibhalele tonkhe letinombolo letinkhulu kuna 675.



Gcwalisa nga <, > noma =



- a. 670  607      b. 688  699

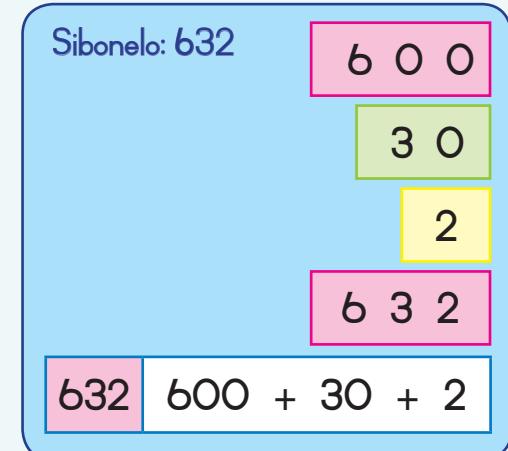
c.  $600 + 50 + 5$   655

## Vutfuta inombolo yakho.

a. Yakha inombolo ngayinye ngemakhadi akho.

b. Bhala emandla eluhlavi-nombolo ngalunye. Nyalo yenta loku: Vutfuta inombolo yakho.

686	
690	
699	
673	
665	



Bhala tinombolo-magama.

672	
693	
607	
697	
660	



70

Lusuku:

.....

## Tinombolo 650 kuya ku 750

Ithemu 3



Bala ubhale.

- a. Sebentisa lelishathi lelilandzelako kukusita ubale kusuka ku 650 kuye ku 750. Shano letinombolo usabala.

650



					657			
661						669		
	683		685					
		703						
			714					
		723			727			
741		743				749	750	

- b. Bhala tinombolo letishiyiwe kugridi ngetulu.  
c. Bhala letinombolo letili-10 letita emva kwa 650.

650; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

- d. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo 2.

705; 707; 709; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

- e. Bhala tonkhe letinombolo ngephethini yabo 3 kusuka ku 719 kuya ku 749.

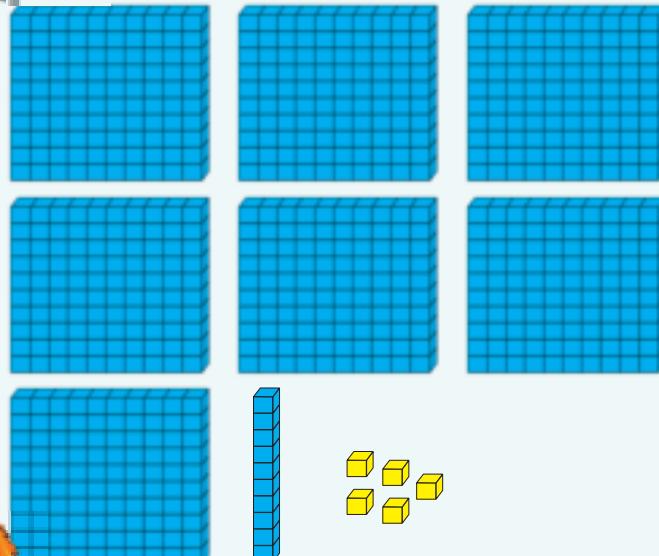
719; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; 749

- f. Bhala letinombolo letisi-8 letilandzelako ngephethini yabo 5.

705; 710; 715; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



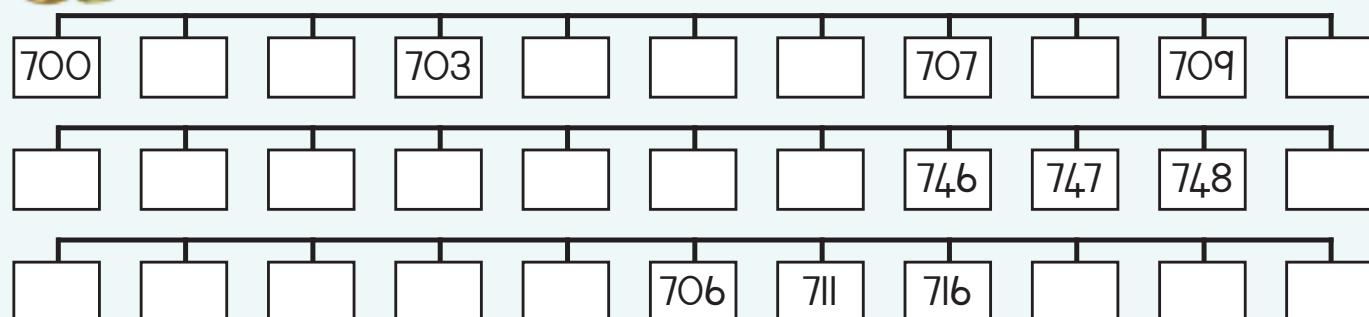
Mangakhi emabhuloki lowabalile?



Uwabale kanjani lamabhuloki?




Cedzela imigca-nombolo.



Cedzela  
lithebula.

Bhala kusuka kulencane  
kakhulu kuye kulenkhulukati.

Bhala kusuka kulenkhlukati  
kuye kulencane kakhulu.

729, 720, 728, 721, 725		
659, 705, 607, 701, 706		



Bhala lokulandzelako ngemagama.

706

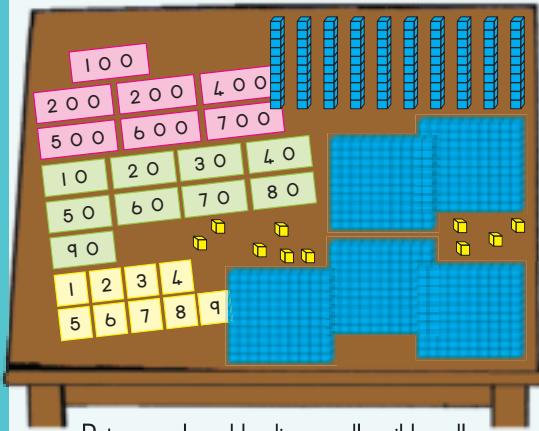
11 12 13 14 15 16 17 18 19 20

71

# Tinombolo 700 kuya ku 750

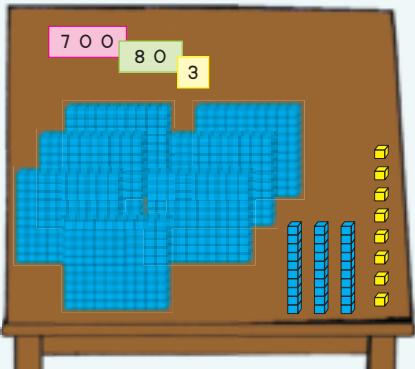
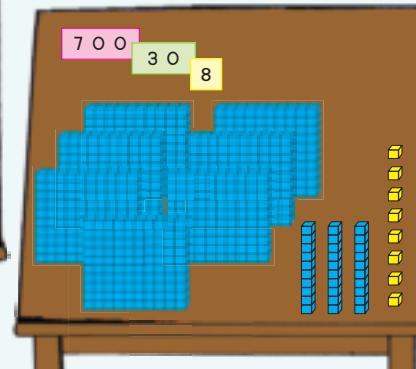
Lusuku:

Ithemu 3



Thishela ucela Peter kutsi  
akhombise 738 ngemakhadi akhe  
nemabhaluki.

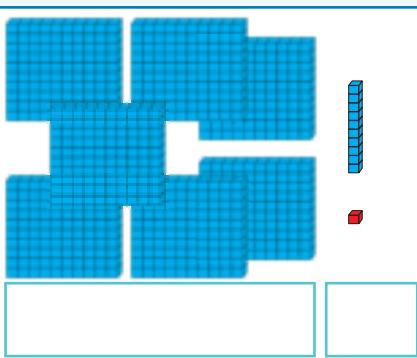
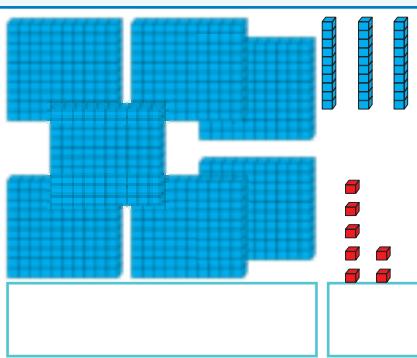
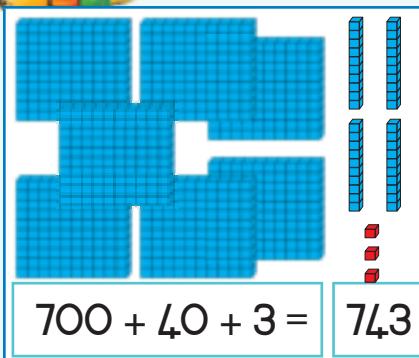
Naku Jabu lakukhombisile.  
Yini langakayenti kahle?



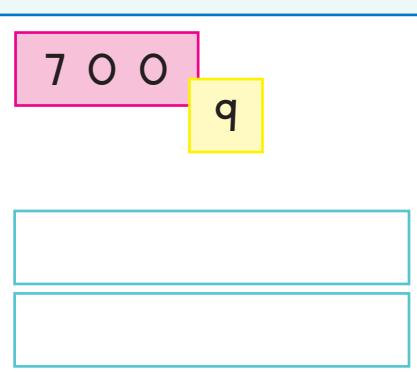
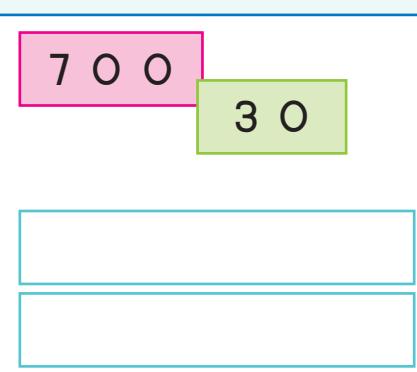
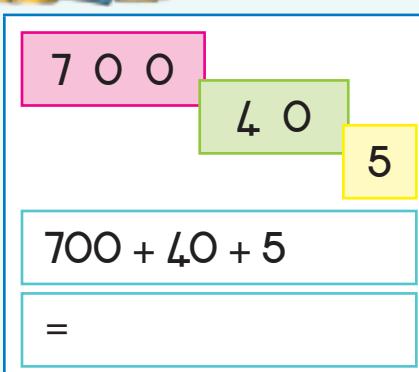
Peter unalamakhadi emandla-sikhundla  
lalandzelako nemabhaluki-sisekelo  
lalishumi.

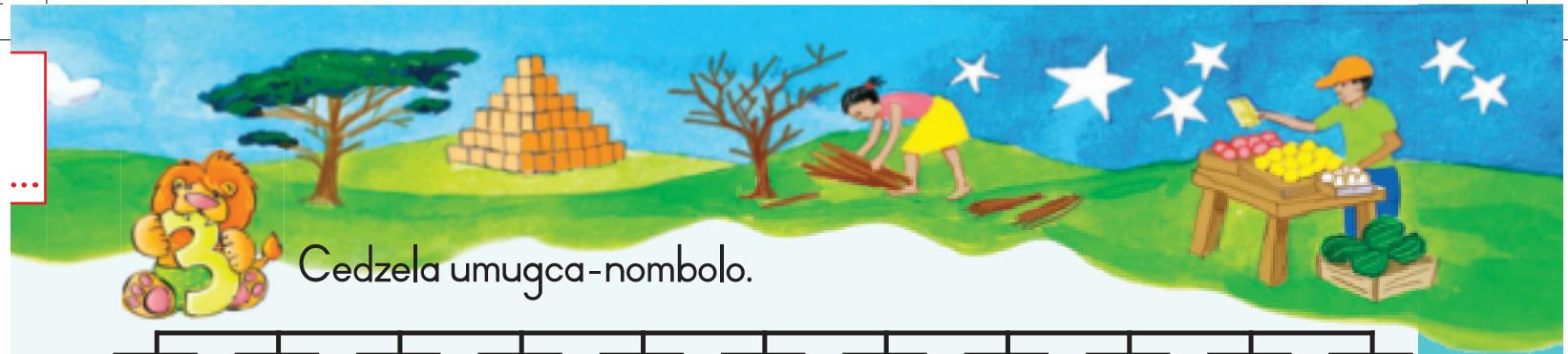


Bhala umusho-nombolo bese kulandzela imphendvulo.



Bhala umusho-nombolo bese kulandzela imphendvulo.





Cedzela umugca-nombolo.

699	700	701	<input type="text"/>	709						
-----	-----	-----	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	-----

Nginike tonkhe letinombolo letincane kuna 704. \_\_\_\_\_

Nginike tonkhe letinombolo letinkhulu kuna 704. \_\_\_\_\_



Gcwalisa nga <, > noma =

a. 750 \_\_\_\_\_ 749

b. 732 \_\_\_\_\_ 723

c.  $700 + 40 + 9$  \_\_\_\_\_ 749

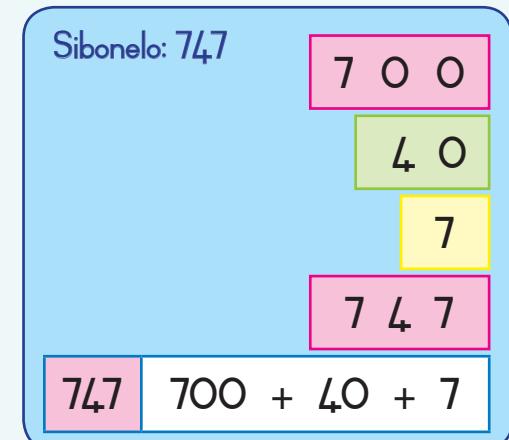


Vutfuta inombolo yakho.

a. Yakha inombolo ngayinye ngemakhadi akho.

b. Bhala emandla eluhlavi-nombolo ngayinye. Nyalo yenta loku: Vutfuta inombolo yakho.

750	
728	
703	
730	
749	



Bhala tinombolo-magama.

714	
750	
742	
738	
704	

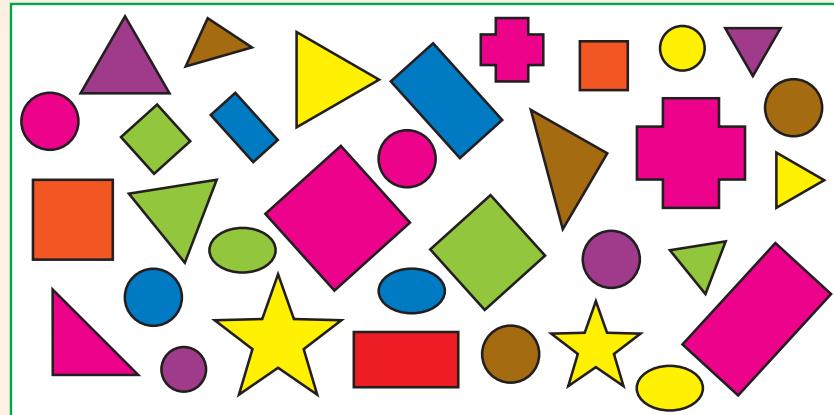




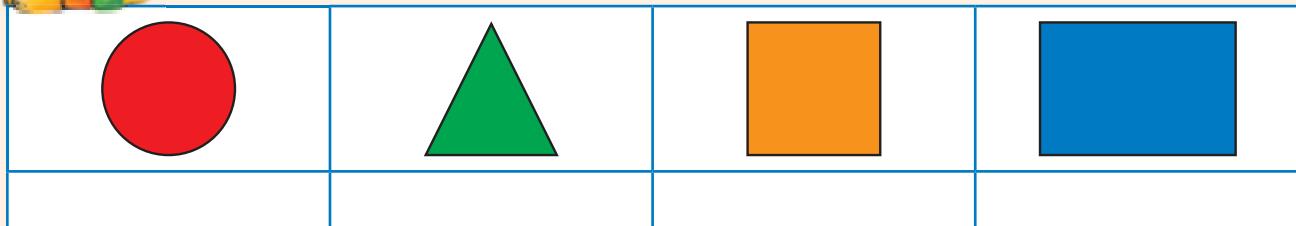
Lusuku:

Shano kutsi ngabe  
lobunjwa unelicala  
lelicondzile noma  
leyiyindilinga.

## Sakhiwo se 2-D



Shano kutsi ngabe lobunjwa unemiphetfo lecondzile noma  
leyiyindilinga.



Bangakhi bobunjwa  
longabadvweba  
ngemiphetfo lecondzile?

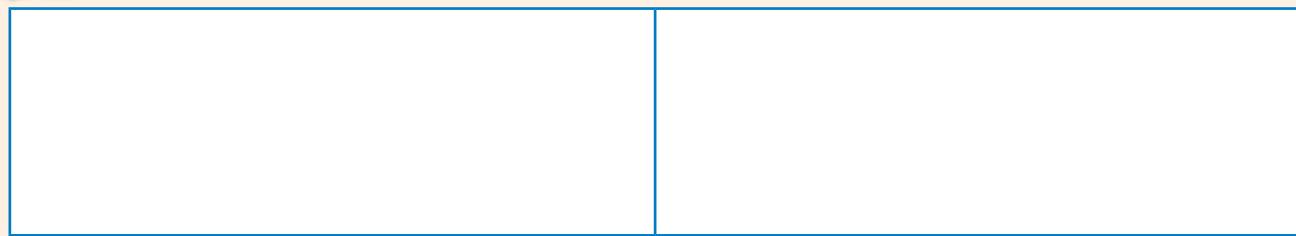
--



Tfola titfombe

Tfola bobunjwa labanemiphetfo  
lecondzile ubanamatsisele lapha.

Tfola bobunjwa labanemiphetfo leyiyindilinga  
ubanamatsisele lapha.





## Cedzela lokulandzelako:

	Dvweba lobunjwa eme ngetindlela letehlukene.
calantsatfu	
calandze	
sikwele	



## Cedzela lithebula:

Shano ligama lalobunjwa	Dvweba bunjwa lomncanyana	Dvweba bunjwa lomkhudlwana



Tfola tikwele, bocalantsatfu, bocalandze netindilinga tebukhulu lobehlukene kubomagazini noma emaphephendzaba.

Banamatsisele lapha.



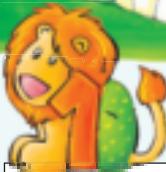
73

Lusuku:

.....

## Kuhlanganisa nekususa ku 800

Ithemu 3



Ngingatsengani nga R500?

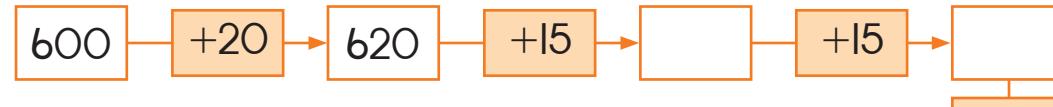
Ngutiphi taletintfo  
lengingatitsenga  
nga R500 ngco?



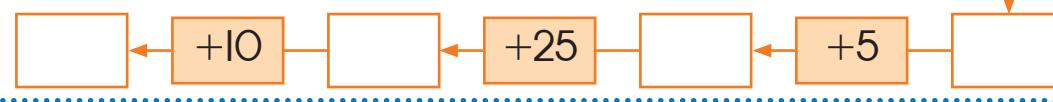
Kuhlanganisa sengete kusuka ku 600.

Faka tinombolo letishiyiwe.

Calा



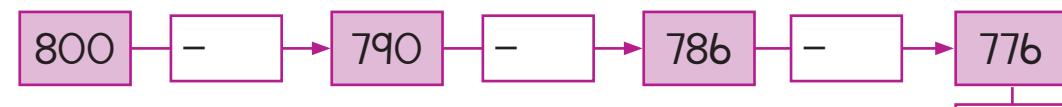
Phetsa



Bala uye emuva kusuka ku 800.

Bhala "ingucuko" sikhatsi ngesikhatsi.

Calा



Phetsa



Sombulula lokulandzelako:

$725 + 53 =$

$664 + 87 =$

$564 + 132 =$

$75 + 717 =$



Sombulula lokulandzelako:

James ucokelele 525 wetimabula.

Uma Sipho amnike lomunye 205 wetimabula, James utaba nelinani lelilingana nela Sipho.

- Tingakhi timabula labatakuba nato bobibili?
- Tingakhi timabula labekanato Sipho ekucaleni?

- 
- 



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

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# Siyachubeka ngekuhlanganisa nekususa ku 800

Lusuku:

Ithemu 3

## Iminden-tinombolo

Singayakha imindeni ngetinombolo.  
 Umndeni ngamunye unatimbili tinombolo  
 letinkhudlwana nayinye inombolo lencanyana.  
 Tsatsa 4, 8 na 12 njengesibonelo.

$$4 + 8 = 12 \quad 8 + 4 = 12$$

$$12 - 8 = 4 \quad 12 - 4 = 8$$



Tfola imindeni.

Bhala 4 wemisho-nombolo licembu ngalinye letinombolo.

6 8 14				
17 17 34				
25 45 70				
65 335 400				
240 260 500				



Funa tichumanisi.

Kulona umsebenti kumele sitfole iphethini.

$360 - 50 = \boxed{\phantom{00}}$	$50 + \boxed{\phantom{00}} = 360$	$\boxed{\phantom{00}} + 50 = 360$
$570 - 480 = \boxed{\phantom{00}}$	$480 + \boxed{\phantom{00}} = 570$	$\boxed{\phantom{00}} + 480 = 570$
$430 - 31 = \boxed{\phantom{00}}$	$31 + \boxed{\phantom{00}} = 430$	$\boxed{\phantom{00}} + 31 = 430$
$676 - 70 = \boxed{\phantom{00}}$	$70 + \boxed{\phantom{00}} = 676$	$\boxed{\phantom{00}} + 70 = 676$
$799 - 701 = \boxed{\phantom{00}}$	$701 + \boxed{\phantom{00}} = 799$	$\boxed{\phantom{00}} + 701 = 799$



## Indlela lendze ngemoto.

UMnu Mkhize uhamba ngemoto kuvakashela unina lohlala endzaweni lengema 352 km kudze. Utsatsa likhefu emva kwa 166 km. Singanani sigaba lokusamele asihambe?

Dumi wenta loku:	Phumla ubhala loku:
$352 - 166$ $\begin{array}{ccccccc} +4 & +30 & +100 & +52 \\ \hline 166 & 170 & 200 & 300 & 352 \end{array}$ $30 + 4 + 100 + 52$ $= 134 + 52 = 186 \text{ km}$	$352 - 166$ $\begin{array}{r} = 300 + 50 + 2 \\ - 100 + 60 + 6 \\ \hline = 300 + 40 + 12 \\ - 100 + 60 + 6 \\ \hline = 200 + 140 + 12 \\ - 100 + 60 + 6 \\ \hline = 100 + 80 + 6 \\ = 186 \text{ km} \end{array}$
Mbali wenta loku:	Peter wenta loku:
$352 - 166$ $166 + 100 \rightarrow 266 + 34 \rightarrow 300 + 52 \rightarrow 352$ $100 + 34 + 52 = 134 + 52 = 186 \text{ km}$	$352 - 166$ $= 352 - 100 - 66$ $= 252 - 66$ $= 252 - 52 - 14$ $= 200 - 14$ $= 186 \text{ km}$
Veronica wenta loku:	Lebo ucabanga ngetimphindza-kabili nabohhafu:
$352 - 166$ $352 - 152 = 200$ $200 - 14 = 200 - 10 - 4$ $= 190 - 4$ $= 186 \text{ km}$	Ihhafu ya 352 ngu 176 Kodwua kufute ngitsatse 166 kuphela, ngako-ke njitawuphindze ngenete 10. 176 + 10 = 186 km
Cocani ngaletindlela letehlukene. Nguyiphi indlela loyitsandza kakhulu? Kungani?	



Sombulula loku lokulandzelako usebentisa lesinye siceshana seliphepha: Sebentisa noma nguyiphi yaletindlela letingenhla.

$746 - 328$

$800 - 499$



75

# Siphindza kuhlanganisa nekususa sifike ku 800 futsi

Lusuku:

Ithemu 3



Yakha yakakho iminden-tinombolo.

Umsebenti wekutifutfumeta.

5 12 17



Sibonelo: Yakha 17

$$5 + 12 = 17$$

$$12 + 5 = 17$$

$$17 - 12 = 5$$

$$17 - 5 = 12$$

8 9 17



Hlolisa! Catsanisa!  
Lungisa!

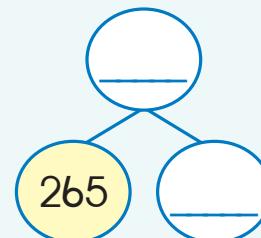
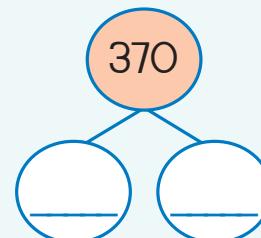
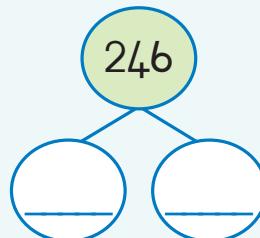
Enombolweni ngayinye ngentasi, khetsa letinye futsi leti-2 kwenta umndeni.

Bhala mine imisho-nombolo (kubili + na kubili →) kumndeni nombolo ngamunye.

			+	+	-	-
16	7	9	$7 + 9 = 16$	$9 + 7 = 16$	$16 - 9 = 7$	$16 - 7 = 9$
20						
200						
75						
50						
500						
190						



Tfola bophindza-kabili  
nabohhafu labashiyiwe.





## Kuhhafula kute ususe.

Uma ubati bohhafu nabophindza-kabili bakho, kulekunye ungabasebentisa kuhlanganisa noma kususa. **Tibonelo:**

$34 - 18 = 16$	$190 - 97 = 93$	$65 + 69 = 134$	$242 + 249 = 491$
$34 - 17 = 17$	$190 - 95 = 95$	$65 + 65 = 130$	$= 242 + 242 + 7$
$17 - 1 = 16$	$95 - 2 = 93$	$130 + 4 = 134$	$= 484 + 7$

Nyalo yetama loku:

$340 - 176$	$145 + 148$	$900 - 452$
-------------	-------------	-------------



## Fundzisisa tindlela.

256 webantwana batfola sipho saKhisimisi ngamunye. Ihhafu yabo itfola bomdoli lenye ihhafu itfola timoto. Bangakhi labatfola timoto?

Indlela 1	Indlela 2
$256 = 200 + 50 + 6$ $\rightarrow$ Ihhafu ya 200 ngu 100 $\rightarrow$ Ihhafu ya 50 ngu 25 $\rightarrow$ Ihhafu ya 6 ngu 3 $100 + 25 + 3 = 128$ $\rightarrow$ Ihhafu ya 256 ngu 128 Ngako-ke 128 utfola timoto	$\rightarrow$ Ihhafu ya 250 = 125 $\rightarrow$ Ihhafu ya 6 ngu 3 $125 + 3 = 128$ $\rightarrow$ Ihhafu ya 256 ngu 128, Ngako-ke 128 utfola timoto.



Sombulula loku lokulandzelako usebentisa lesinye siceshana seliphepha: Sebentisa noma nguyiphi yaletindlela letingenhla.

728 webantwana ngamunye utfola lithoyizi erestoranti yendzawo. Ihhafu yabo itfola emabhuloki ekwakha. Bangakhi labatfola emabhuloki ekwakha?

642 webantwana ngamunye utfola limafini. Ihhafu yabo itfola emamafini etincetu teshokholethi. Bangakhi labatfola emamafini etincetu teshokholethi?



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## Emaphethini-nombolo: emashumi kuya ku 800

Lusuku:

Ithemu 3



Yini longakusho ngaletinombolo emabholokini lahlilikhiwe?

Bala ngemashumi kusuka ku 710 kuya ku 800. Yini leta emva kwa 720 nawubala ngemashumi?

Bala uye emuva ngemashumi kusuka ku 800 kuya ku 710.  
Yini leta embi kwa 760 nawubala uya emuva?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Cedzela kulandzelana kwetinombolo.

720; 730; 740; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

800; 790; 780; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Hlanganisa noma susa lishumi.

I. Yengeta lishumi. Sikwentele kwekulala.

a.  $767 + 10 = 777$

b. 762 \_\_\_\_\_

c. 783 \_\_\_\_\_

d. 756 \_\_\_\_\_

e. 714 \_\_\_\_\_

f. 799 \_\_\_\_\_



2. Susa lishumi kulenombolo leniketiwe. Sikwentele kwekucala.

$$a. 767 - 10 = 757$$

- b. 762 \_\_\_\_\_ c. 783 \_\_\_\_\_ d. 756 \_\_\_\_\_ e. 714 \_\_\_\_\_ f. 799 \_\_\_\_\_

3. Kwentekani nawuhlanganisa noma ususa lishumi kuletinombolo ngetulu?

---



Buka letindilinga letibovu ebhodini yetinombolo.

a. Yini loyicaphelako ngaletindilinga? \_\_\_\_\_

b. Chuba lendlela yekulandzelana

kwetinombolo lelandzelako:

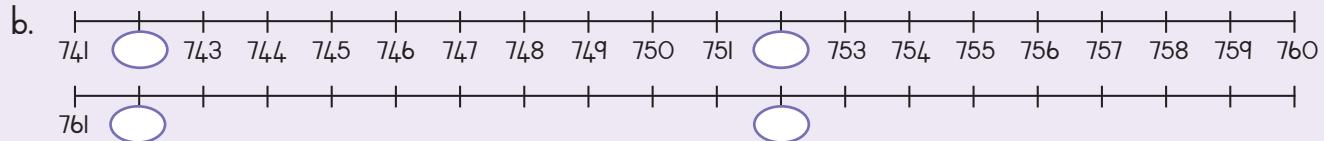
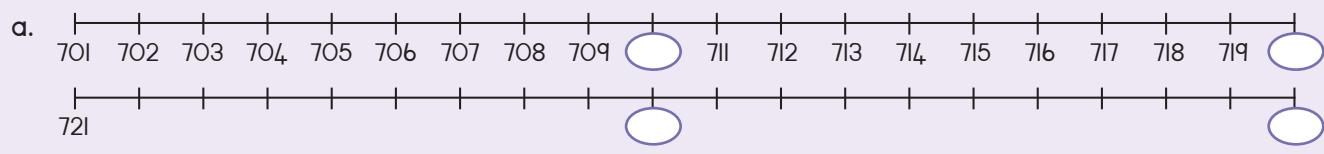
704; 714; 724; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_  
715; 725; 735; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

799; 789; 779; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

782; 772; 762; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_  
737; 747; 757; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Gcwalisa ngenombolo lefanele endilingeni ngayinye  
kulemigca-nombolo.



Nginenombolo lenhlavu-3.

Luhlavu Iwekucala ngu 7, lolulandzelako lungetulu kwa 7 ngakunye,  
bese Iwekugcina lungephansi kwa 7 ngakunye.



Uma ubala uya embili ngemashumi kusuka kulenombolo, ingaba ngubani lenombolo?

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="triangle-up"/>	<input type="triangle-down"/>	<input type="triangle-left"/>
Teacher: Sign: Date:		

11 12 13 14 15 16 17 18 19 20

77

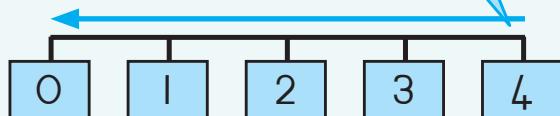
Lusuku:

## Kusonga usondzete emashumini

Ithemu 3

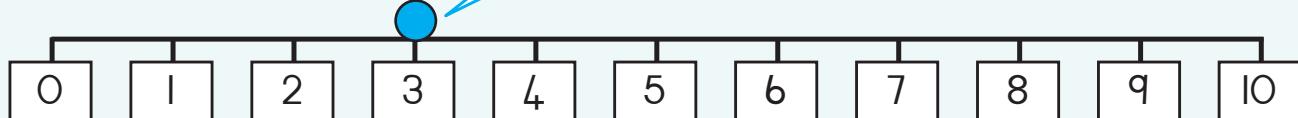
Tonkhe letinombolo kusuka ku 4 uya  
emuva titawusongwa tisondzetwe ku 0.

Tonkhe tinombolo kuya embili kusuka  
ku 5 titawusongwa tisondzetwe ku 10.

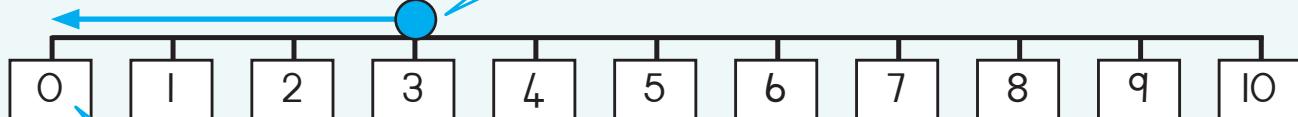


Asikhulume.

Buka 3 kumugca-nombolo.

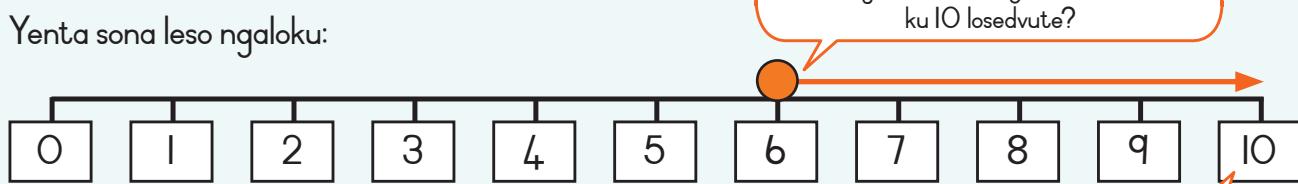


Utaba yini 3 uma sekasongiwe?



3 nakasongiwe wasondzetwa eshumini  
lelisedvute utaba ngu-ziro.

Utaba yini 6, nakasongiwe wasondzetwa  
ku 10 losedvute?



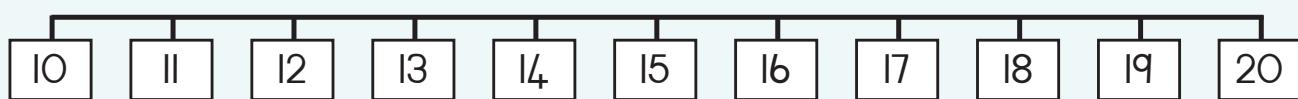
Imphindvulo itakuba ngu 10.



Songa usondzete ku 10 losedvute.

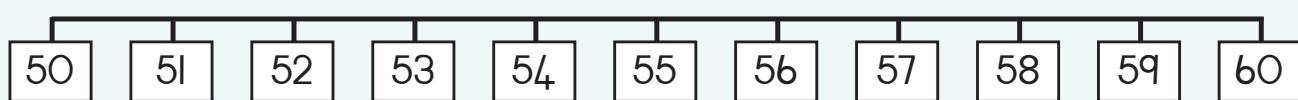
12 nakasongiwe ngu? \_\_\_\_\_

19 nakasongiwe ngu? \_\_\_\_\_



53 nakasongiwe ngu? \_\_\_\_\_

58 nakasongiwe ngu? \_\_\_\_\_





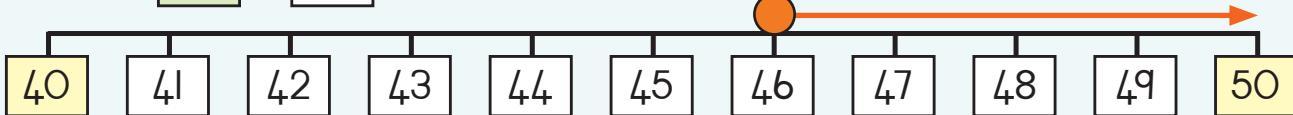
Songa usondzete ku 10 losedvute,  
usebentisa imigca-nombolo kukusita.

a. 46

**46**

50

Usemkhatsini wamaphi emashumi  
lamabili 46?



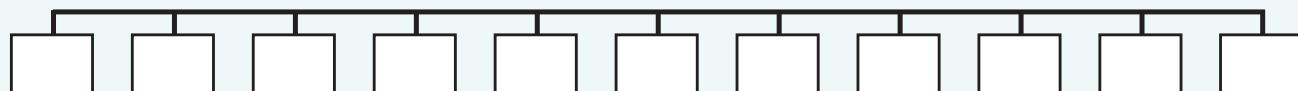
b. 63

Usemkhatsini wamaphi emashumi  
lamabili 63?



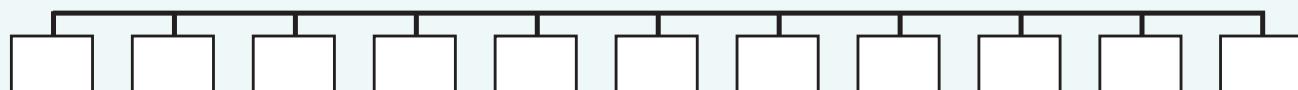
c. 37

Usemkhatsini wamaphi emashumi  
lamabili 37?



d. 99

Usemkhatsini wamaphi emashumi  
lamabili 99?



Thom una R48, 00.



Lipaka lemakhadi lawacokelelako libita R5, 00.

Mangakhi emapaka emakhadi langawatsenga ngaR48, 00? \_\_\_\_\_



# Kuphindzaphindza: tihlanu kufika ku 75

Lusuku:

Ithemu 3

Yini leta ngetihlanu?

Iminwe esandleni sinye.



Cedzela lithebula.

Mingakhi iminwe ku:

2 tandla?

3 tandla?

4 tandla?

5 tandla?

6 tandla?

7 tandla?

8 tandla?

9 tandla?

10 tandla?

Condzanisa sibalo  
nembuto ngesancele:

$9 \times 5 = 45$

$7 \times 5 = 35$

$2 \times 5 = 10$

$4 \times 5 = 20$

$3 \times 5 = 15$

$5 \times 5 = 25$

$10 \times 5 = 50$

$6 \times 5 = 30$

$8 \times 5 = 40$

Kubutsisa	Kuphindzaphindza	Kwaba	Kwehlukanisa
2 ticumbi tabo 5	$2 \times 5 = 10$	Yaba 10 emkhatsini wa 5	$10 \div 5 = 2$
7 ticumbi tabo 5		Yaba 35 emkhatsini wa 5	
12 ticumbi tabo 5		Yaba 60 emkhatsini wa 5	
15 ticumbi tabo 5		Yaba 75 emkhatsini wa 5	



Cedzela lithebula.

Kwaba	Kwehlukanisa
Yaba 12 emkhatsini wa 5	$12 \div 5 = 2$ umsalela 2
Yaba 64 emkhatsini wa 5	
Yaba 39 emkhatsini wa 5	
Yaba 73 emkhatsini wa 5	



## Cedzela lelithebula lelingantasi:

kungena

II
I2
I3
I4
I5

kuphuma


umtsetfo

$\times 5$

kungena

5
I0
I5
25
30

kuphuma


umtsetfo

$\div 5$

kungena

I6
I7
I8
I9
20

kuphuma


kungena

55
60
65
70
75

kuphuma




## Cedzela lamathebula ngentasi:

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

$\times$	II	I2	I3	I4	I5	I6	I7	I8	I9	20
5										

Utabale kanjani letimphendvulo lokufute tibhalwe etibayeni letilingangane?

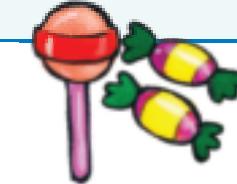


## Sombulula lokulandzelako:

Make wami utsenge emaphakethe emaswidi labita

R70. Ubhadale R5 liphakethe ngalinye.

Mangakhi emaphakethe emaswidi lawatsengile?



II    I2    I3    I4    I5    I6    I7    I8    I9    20

79

# Emaphethini-nombolo: tihlanu kuya ku 800

Lusuku:

Ithemu 3



Yini longakusho ngaletinombolo etibayeni letiliphuti?

Bala tihlanu kusuka ku 705 kuya ku 800.

Yini leta emva kwa 720 nawubala ngetihlanu?

Bala uye emva ngetihlanu kusuka ku 800 kuya ku 705.

Yini leta embi kwa 730 nawubala uya emva?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Cedzela lamaphethini-nombolo.

725; 730; 735; _____ ; _____ ; _____	800; 795; 790; _____ ; _____ ; _____
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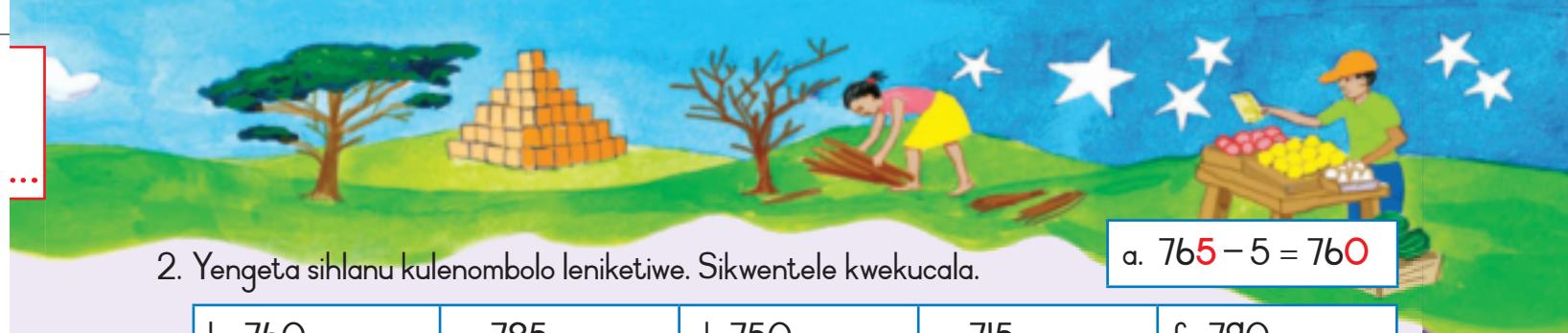


Hlanganisa noma susa sihlanu.

- I. Yeneta sihlanu kulenombolo leniketiwe.  
Sikwentele kwekucala.

a.  $760 + 5 = 765$

b. 725 _____	c. 780 _____	d. 755 _____	e. 715 _____	f. 790 _____
--------------	--------------	--------------	--------------	--------------



2. Yengeta sihlanu kulenombolo leniketiwe. Sikwentele kwekucala.

$$a. 765 - 5 = 760$$

- b. 760 \_\_\_\_\_ c. 785 \_\_\_\_\_ d. 750 \_\_\_\_\_ e. 715 \_\_\_\_\_ f. 790 \_\_\_\_\_

3. Kwentekani nawuhlanganisa noma ususa sihlanu kuletinombolo ngetulu?

---



Buka letindilinga letibovu ebhodini yetinombolo.

a. Yini loyicaphelako ngaletindilinga? \_\_\_\_\_

b. Chuba lendlela yekulandzelana kwetinombolo

lelandzelako:

703; 708; 713; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

753; 758; 763; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

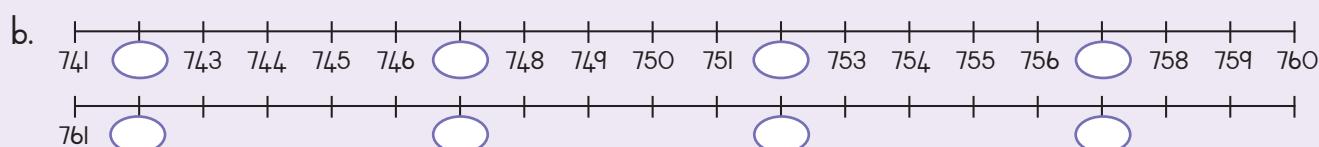
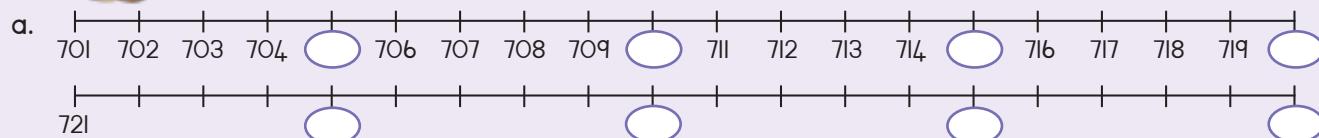
701; 706; 711; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

722; 727; 732; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

714; 719; 724; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Gcwalisa ngenombolo lefanele endilingeni ngayinye  
kulemigca-nombolo.



Nginenombolo lenhlavu-3.

Luhlavu lwekucala ngu 7, luhlavu lolulandzelako lungetulu  
kwesikhombisa ngakunye, bese luhlavu lwekugcina lungephansi  
kwesikhombisa ngesihlanu.



Uma ubala uya embili ngetihlanu kusuka kulenombolo, ingaba ngubani lenombolo?

---

<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"/>
Teacher: Sign: Date:		

## Sikhatsi semini nesebusuku



### Lidolobha iKapa

Lithebula ngentasi likhombisa kutsi lilanga liphuma nini libuye lishone nini etikhatsini letehlukene temnyaka eDolobheni iKapa. Fundza letikhatsi kulelithebula bese ugcwalisa lokusele ethebuleni embi kwekuphendvula imibuto ngentasi.



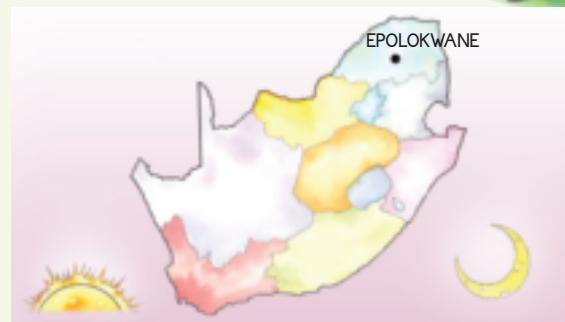
Lidolobha iKapa	Kuphuma kwelilanga	Kushona kwelilanga	Budze bemini	Budze bebusuku
iNdlovulenkhulu 23	6:53 eksn	6:53 ntsmb		
iNhlabi 21	7:51 eksn	5:44 ntsmb		
iNyoni 19	6:41 eksn	6:41 ntsmb		
iNgongoni 22	5:32 eksn	7:58 ntsmb		

- Ngungatiphi tinyanga lapho khona imini nebusuku kulingana ngebudze? \_\_\_\_\_
- Nguyiphi inyanga lenetimini letindzekati? \_\_\_\_\_
- Nguyiphi inyanga lenetimini letimfisha kakhulu? \_\_\_\_\_
- Tfola umehluko ngema-awa nemizuzu emkhatsini wemini lendzekati nalemfisha kakhulu.  
\_\_\_\_\_
- Tfola budze bemini nebusuku balolo nalolo lulusuku kulelithebula lelingengetulu.  
\_\_\_\_\_



## ePolokwane

Lelithebula likhombisa kutsi lilanga liphuma libuye lishone nini etikhatsini letehlukene temnyaka ePolokwane. Fundza tikhatsi ethebuleni bese ugcwalisa lokusele ethebuleni embi kwekuphendvula imibuto ngentasi.



EPolokwane	Kuphuma kwelilanga	Kushona kwelilanga	Budze bemini	Budze bebusuku
iNdlovulenkhulu 25	6:08 eksn	6:08 ntsmb		
iNhlaba 21	6:44 eksn	5:24 ntsmb		
iNyoni 17	5:57 eksn	5:57 ntsmb		
iNgongoni 22	5:13 eksn	6:50 ntsmb		

- Ngukutiphi tinyanga lapho khona imini nebusuku kulingana ngebudze? \_\_\_\_\_
- Ngukutiphi tinyanga lapho budze bemini bufana eDolobheni eKapa nasePolokwane? \_\_\_\_\_
- Ngungatiphi tinyanga lapho behlukene khona? \_\_\_\_\_
- Tfola umehluko kuma-awa nemizuzu emkhatsini wemini lendzekati nalemfisha kakhulu. \_\_\_\_\_
- Tfola **budze** **bemini** **nebusuku** balolo nalolo lulusuku kulelithebula lelingetulu. \_\_\_\_\_



Cela lomunye akusite kutfola tikhatsi tekuphuma nekushona kwelilanga endzaweni yakini. Tibhale phansi liviki lonkhe. Ngabe timini tiya ngekuba tindze noma tiya ngekufinyela tibe timfisha?



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# Kuphindzaphindza: ngakubili kufika ku 75

Lusuku:

Ithemu 3

Yini lehamba ngakubili?  
Lipheya linye leticatfulo.



Cedzela lithebula.

Tingakhi ticatfulo letiku

I lipheya leticatfulo?

- 2 emapheya eticatfulo?
- 3 emapheya eticatfulo?
- 4 emapheya eticatfulo?
- 5 emapheya eticatfulo?
- 6 emapheya eticatfulo?
- 7 emapheya eticatfulo?
- 8 emapheya eticatfulo?
- 9 emapheya eticatfulo?
- 10 emapheya eticatfulo?

Condzanisa sibalo  
nembuto ngesancele:

$$\begin{aligned} 1 \times 2 &= 2 \\ 9 \times 2 &= 18 \\ 7 \times 2 &= 14 \\ 2 \times 2 &= 4 \\ 4 \times 2 &= 8 \\ 3 \times 2 &= 6 \\ 5 \times 2 &= 10 \\ 10 \times 2 &= 20 \\ 6 \times 2 &= 12 \\ 8 \times 2 &= 16 \end{aligned}$$

Kubutsisa	Kuphindzaphindza	Kwaba	Yehlukanisa
10 ticumbi tabo 2	$10 \times 2 = 20$	Yaba 20 emkhatsini wa 2	$20 \div 2 = 10$
15 ticumbi tabo 2		Yaba 30 emkhatsini wa 2	
20 ticumbi tabo 2		Yaba 40 emkhatsini wa 2	
35 ticumbi tabo 2		Yaba 70 emkhatsini wa 2	

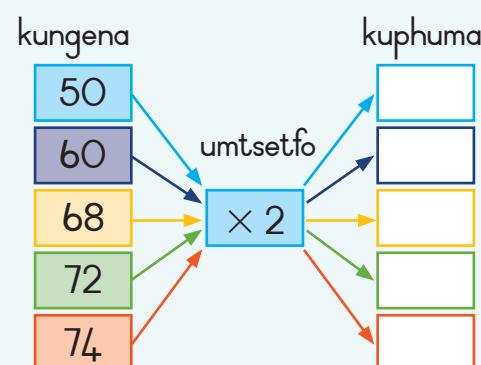
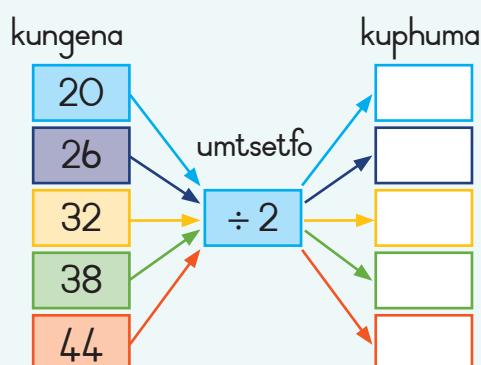
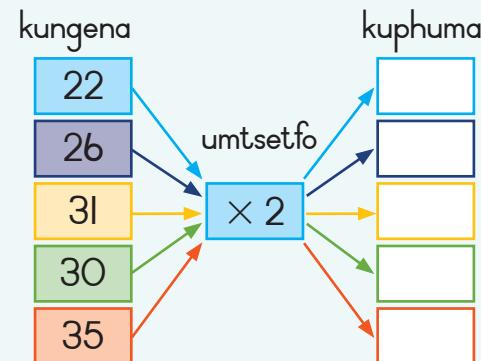
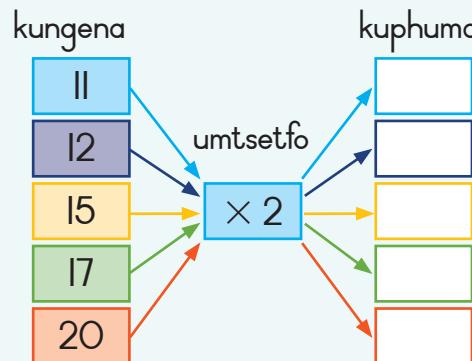


Cedzela lithebula.

Kwaba	Kwehlukanisa
Yaba 21 emkhatsini wa 2	$21 \div 2 = 10$ umsalela 1
Yaba 33 emkhatsini wa 2	
Yaba 67 emkhatsini wa 2	
Yaba 75 emkhatsini wa 2	



## Cedzela lelithebula lelingantasi:



## Cedzela lamathebula ngentasi:



## Sombulula lokulandzelako:

Nqitsenqe 36 wemalolipopu abo R2.

Nqibhadale nqa R5O, R2O na R5 webuhhehl.

Kube nqumalini intjintji yami?



# Iphethini yetinombolo: kubili kuya ku 800

Ithemu 3



Yini longayisho ngaletinombolo letisetibayeni  
tembala loliphuti?

Bala ngakubili kusuka ku 700 kuye ku  
800. Yini leta emva kwa 700 nawubala  
ngakubili?

Bala uye emuva ngetihlanu kusuka ku  
800 kuye ku 710. Yini leta embi kwa  
750 nawubala uya emuva?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Cedzela kulandzelana kwetinombolo.

720; 722; 724; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

800; 798; 796; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Hlanganisa noma ususe kubili.

- I. Yengeta kubili enombolweni lonikiwe.  
Kwekulala sesikwentele.

a.  $764 + 2 = 766$

b. 762 \_\_\_\_\_

c. 783 \_\_\_\_\_

d. 756 \_\_\_\_\_

e. 714 \_\_\_\_\_

f. 799 \_\_\_\_\_



2. Susa kubili enombolweni lonikiwe. Kwekucala sesikwentele.

a.  $764 - 2 = 762$

- b. 762 \_\_\_\_\_ c. 783 \_\_\_\_\_ d. 756 \_\_\_\_\_ e. 714 \_\_\_\_\_ f. 799 \_\_\_\_\_

3. Kwentekani uma uhlanganisa noma ususa kubili kulenombolo lengetulu?

---



Bukisisa letindilinga letilingangane ebhodini letinombolo.

a. Yini loyicaphelako ngaletindilinga? \_\_\_\_\_

- b. Chuba lendlela yekulandzelana  
kwaletinombolo:  
701; 703; 705; \_\_\_\_\_ ; \_\_\_\_\_ ;  
725; 727; 729; \_\_\_\_\_ ; \_\_\_\_\_ ;  
799; 797; 795; \_\_\_\_\_ ; \_\_\_\_\_ ;  
783; 785; 787; \_\_\_\_\_ ; \_\_\_\_\_ ;  
779; 781; 783; \_\_\_\_\_ ; \_\_\_\_\_ ;



Gcwalisa ngenombolo lefanele endilingeni ngayinye  
kulemigca nombolo.

- a.
- b.



Nginenombolo luhlavu-3.

Luhlavu lwekucala ngu 7, luhlavu lolulandzelako lukubili ngetulu  
kwesikhombisa, bese luhlavu lwekugcina lukune ngaphasi kwesikhombisa.

Uma ubala ngakubili uya embili kusuka kulenombolo, ingahle ibe ngubani lenombolo?



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## Kuphindzaphindza: bo 2 na bo 5 kufika ku 75

Lusuku:

Ithemu 3



Ungakuphendvula masinyane kanganani loku lokulandzelako?

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



Bukisia kutsi wenteni umngani wami.

$$4 \times 2 = 8$$

Cocani ngako.

Umngani wami ukhombise  $4 \times 2$  kanjena:

Kwecisa kubala	Ticumbi letilinganako	Kuhlanganisa lokuphindziwe	Lokuhlelenjisiwe	Emaciniso
2, 4, 6, 8	● ● ● ● ● ● ● ●	$2 + 2 + 2 + 2$	xx xx xx xx	$2 \times 4 = 8$ $4 \times 2 = 8$ $8 \div 4 = 2$ $8 \div 2 = 4$

Nyalo-ke yenta sona leso  $4 \times 5 = 20$ .

Kwecisa kubala	Ticumbi letilinganako	Kuhlanganisa lokuphindziwe	Lokuhlelenjisiwe	Emaciniso



Phindzaphindza lokulandzelako:

$24 \times 3$ $= (20 + 4) \times 3$ $= (20 \times 3) + (4 \times 3)$ $= 60 + 12$ $= 72$	a. $13 \times 3$	b. $18 \times 3$
c. $12 \times 5$	d. $21 \times 3$	e. $14 \times 3$
f. $25 \times 3$	g. $12 \times 3$	h. $15 \times 5$



Sombulula lokulandzelako:

Ngitsenge emaswidi lali-14 nga R3 lilinye.  
umngani wami utsenge emaswidi lali-12 nga R5 lilinye.  
Sibhadale malini sobabili kutsenga emaswidi?



11 12 13 14 15 16 17 18 19 20

# Kuphindzaphindza: kutsatfu kufika ku 75

Lusuku:

Ithemu 3

Yini lehamba ngakutsatfu?  
Emasondvo elibhayisikili  
lasondvontsatfu.



Cedzela lithebula.

Mangakhi emasondvo laku

1 sondvontsatfu?

2 bosondvontsatfu?

3 bosondvontsatfu?

4 bosondvontsatfu?

5 bosondvontsatfu?

6 bosondvontsatfu?

7 bosondvontsatfu?

8 bosondvontsatfu?

9 bosondvontsatfu?

10 bosondvontsatfu?

Condzanisa sibalo  
nembuto ngesancele:

$9 \times 3 = 27$

$7 \times 3 = 21$

$2 \times 3 = 6$

$4 \times 3 = 12$

$3 \times 3 = 9$

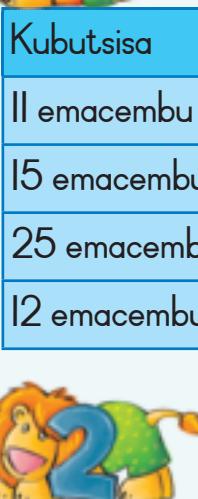
$5 \times 3 = 15$

$1 \times 3 = 3$

$10 \times 3 = 30$

$6 \times 3 = 18$

$8 \times 3 = 24$



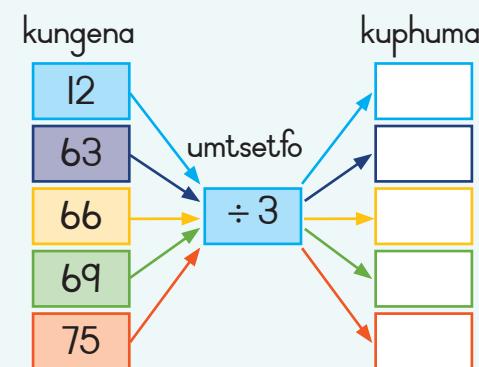
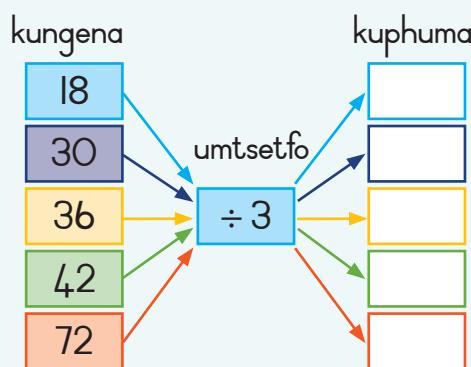
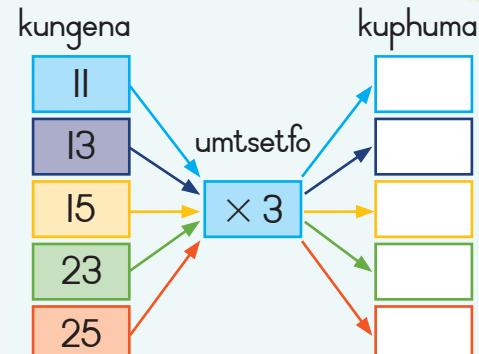
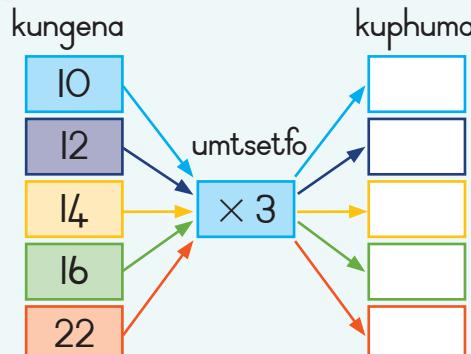
Cedzela lithebula.

Kubutsisa	Kuphindzaphindza	Kwaba	Kwehlukanisa
11 emacembu a 3	$11 \times 3 = 33$	Yaba 33 emkhatsini wa 3	$33 \div 3 = 11$
15 emacembu a 3		Yaba 45 emkhatsini wa 3	
25 emacembu a 3		Yaba 60 emkhatsini wa 3	
12 emacembu a 3		Yaba 36 emkhatsini wa 3	

Kwaba	Kwehlukanisa
Yaba 37 emkhatsini wa 3	$37 \div 3 = 12$ umsalela 1
Yaba 74 emkhatsini wa 3	
Yaba 49 emkhatsini wa 3	
Yaba 68 emkhatsini wa 3	



## Cedzela lelithebula lelingantasi:



## Cedzela lamathebula ngentasi:

Utabile njani letimphendvulo lapho khona emabhluki angumbala lolinqanqane?



## Sombulula lokulandzelako:

Imali yekungena bekungu R3 umntfwana ngamunye lapha-ke 23 webantfwana bangaene epaki.

Bakhokhe malini sebabonkhe?



## Kuphindzaphindza:

bo 2, bo 3 na bo 4 kufika ku 75

Lusuku:



Ungakuphendvula masinyane kanganani loku lokulandzelako?

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



Bukisia umngani wami kutsi wenteni.

Cocani ngaloku:

$5 \times 2 = 10$

Ngicale ngakhombisa  $5 \times 2$  kanjena:

Kwecisa kubala	Ticumbi letilinganako	Kuhlanganisa lokuphindziwe	Lokuhlelenjisiwe	Emaciniso
2, 4, - - -	● - - - -	2 + - - - -	— luhele lwa 2 xx	$2 \times - = -$ $4 \times - = -$ $- \div - = -$ $- \div - = -$

Ngicale ngakhombisa  $8 \times 3 = 24$  kanjena.

Kwecisa kubala	Ticumbi letilinganako	Kuhlanganisa lokuphindziwe	Lokuhlelenjisiwe	Emaciniso

$6 \times 4 = 24$

Kwecisa kubala	Ticumbi letilinganako	Kuhlanganisa lokuphindziwe	Lokuhlelenjisiwe	Emaciniso



Yehlukanisa ucilonge imphendvulo yakho.

$$63 \div 3$$

$$= (60 + 3) \div 3$$

$$= (60 \div 3) + (3 \div 3)$$

$$= 20 + 1$$

$$= 21$$

$$21 \times 3$$

$$= (20 + 1) \times 3$$

$$= (20 \times 3) + (1 \times 3)$$

$$= 60 + 3$$

$$= 63$$

a.  $48 \div 5$

b.  $64 \div 5$



Sombulula loku lokulandzelako:

Mine nebangani bami sina R63 sekukonkhe.

Sifuna kuyaba lemali ngekulingana emkhatsini wetfu sobatsatfu.

Ngamunye wetfu utawutfola malini?



11 12 13 14 15 16 17 18 19 20

## Emaphethini nombolo: kutsatfu kuye ku 800

Lusuku:



Yini longayisho ngaletinombolo etibayeni letinembala loliphuti?

Bala ngakutsatfu kusuka ku 703 kuye ku 799. Yini leta emva kwa 745 nawubala ngakutsatfu?

Bala uye emva ngetihlanu kusuka ku 799 kuye ku 703. Yini leta embi kwa 766 nawubala uya emva?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Cedzela kulandzelana kwetinombolo.

703; 706; 709; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

799; 796; 793; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Hlanganisa noma ususe kutsatfu.

- I. Yeneta kutsatfu enombolweni lonikiwe.  
Kwekulala sesikwentele.

a.  $766 + 3 = 769$

b. 766 \_\_\_\_\_ c. 783 \_\_\_\_\_ d. 756 \_\_\_\_\_ e. 713 \_\_\_\_\_ f. 790 \_\_\_\_\_

1 2 3 4 5 6 7 8 9 10



2. Susa kutsatfu enombolweni lonikiwe. Kwekucala sesikwentele.

$$a. 766 - 3 = 763$$

b. 763 \_\_\_\_\_

c. 789 \_\_\_\_\_

d. 756 \_\_\_\_\_

e. 713 \_\_\_\_\_

f. 799 \_\_\_\_\_

3. Kwentekani uma uhlanganisa noma ususa kutsatfu kulenombolo lengetulu?

---



Bukisisa letindilinga letilingangane ebhodini letinombolo.

a. Yini loyicaphelako ngaletindilinga? \_\_\_\_\_

b. Chuba lendlela yekulandzelana

kwaletinombolo:

779; 776; 773; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

704; 707; 710; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

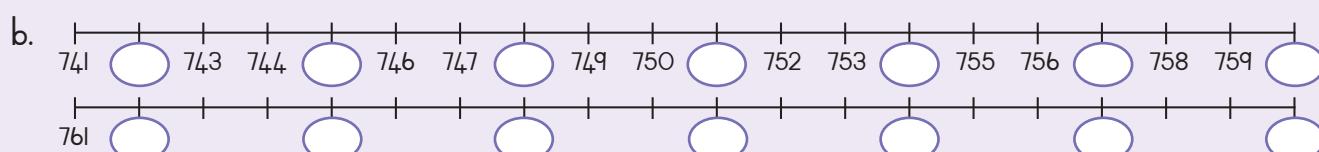
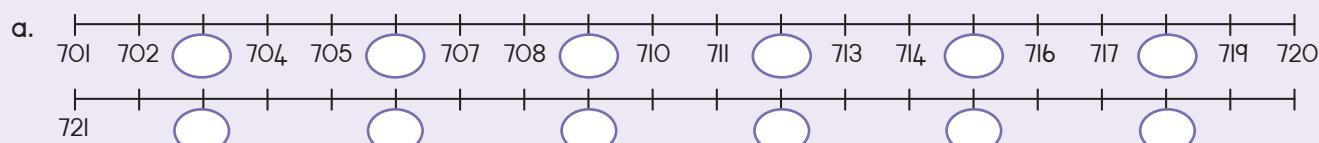
782; 785; 788; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

773; 776; 779; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

779; 782; 785; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Manje bala uye embili ngakutsatfu usuka kulenombolo.  
Utfole yiphi inombolo.



Nginenombolo lenhlavu-3:

Luhlavu lwekucala ngu 7, luhlavu lolulandzelako lukubili ngetulu kwesikhombisa,  
bese luhlavu lwekugcina lusikhombisa ngaphasi kwesikhombisa.



Uma ubala uya embili ngakutsatfu kusuka kulenombolo, ingahle ibe ngubani lenombolo?



11 12 13 14 15 16 17 18 19 20

# Kuphindzaphindza: ngakune kufika ku 75

Lusuku:

Ithemu 3

Yini lehamba ngakune?  
Emasondvo emoto.



Cedzela lithebula.

Mangakhi emasondvo  
laku

1 imoto?

2 imoto?

3 imoto?

4 imoto?

5 imoto?

6 imoto?

7 imoto?

8 imoto?

9 imoto?

10 imoto?

Condzanisa sibalo  
nembuto ngesancele:

$9 \times 4 = 36$

$7 \times 4 = 28$

$2 \times 4 = 8$

$4 \times 4 = 16$

$3 \times 4 = 12$

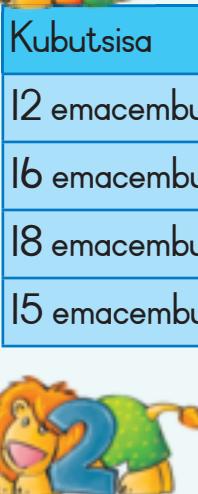
$5 \times 4 = 20$

$1 \times 4 = 4$

$10 \times 4 = 40$

$6 \times 4 = 24$

$8 \times 4 = 32$



Cedzela lithebula.

Kubutsisa	Kuphindzaphindza	Kwaba	Kwehlukanisa
12 emacembu a 4	$12 \times 4 = 48$	Yaba 48 emkhatsini wa 4	$48 \div 4 = 12$
16 emacembu a 4		Yaba 64 emkhatsini wa 4	
18 emacembu a 4		Yaba 72 emkhatsini wa 4	
15 emacembu a 4		Yaba 60 emkhatsini wa 4	

Kwaba

Kwehlukanisa

Yaba 35 emkhatsini wa 4

 $35 \div 4 = 8$  umsalela 3

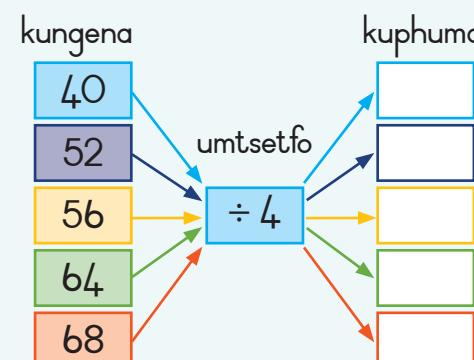
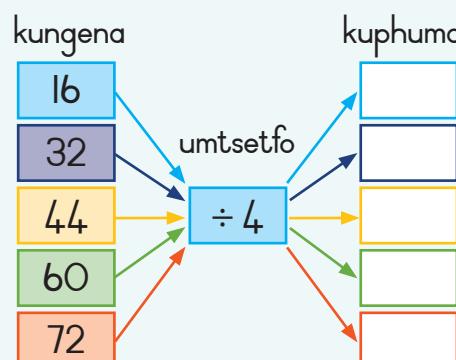
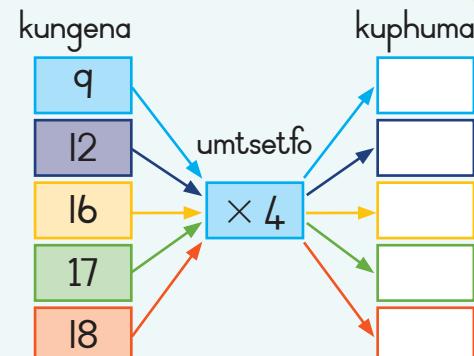
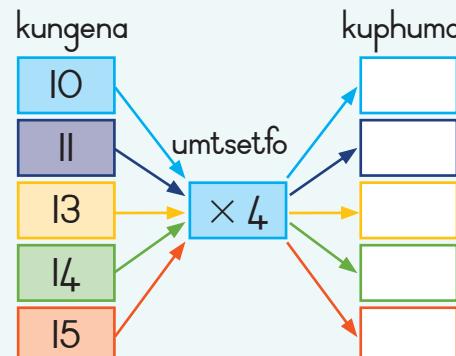
Yaba 55 emkhatsini wa 4

Yaba 70 emkhatsini wa 4

Yaba 75 emkhatsini wa 4



## Cedzela lelithebula lelingantasi:



## Cedzela lamathebula nqentasi:

Utabile njani timphendvulo lapho khona emabhu loki angumbala lolinqangane?



# Sombulula lokulandzelako:



Naina R75.

Tingakhi tipho tephathi letincane taR4 lengingatitsenga?



## Emaphethini nombolo: ngakune kuye ku 800

Lusuku:



Yini longayisho ngaletinombolo etibayeni letinembala loliphuti?

Bala ngakune kusuka ku 704 kuye ku 800. Yini leta emva kwa 736 nawubala ngakune?

Bala uye emuva ngakune kusuka ku 800 kuye ku 704. Yini leta embi kwa 776 uma ubala uya emuva?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Cedzela kulandzelana kwetinombolo.

704; 708; 712; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

724; 728; 732; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_



Hlanganisa noma ususe kune.

- I. Hlanganisa kune enombolweni lonikwe yona.  
Kwekucala sesikwentele.

a.  $76\textcolor{red}{4} + 4 = 76\textcolor{red}{8}$

b. $764$ _____	c. $788$ _____	d. $754$ _____	e. $718$ _____	f. $794$ _____
----------------	----------------	----------------	----------------	----------------



2. Susa kune enombolweni lonikwe yona. Kwekucala sesikwentele.

$$a. 764 - 4 = 760$$

- b. 768      c. 784      d. 752      e. 714      f. 798

3. Kwantekani uma uhlanganisa noma ususa kune kulenombolo lengetulu?

---



Bukisisa letindilinga letilingangane ebhodini letinombolo.

a. Yini loyicaphelako ngaletindilinga? \_\_\_\_\_

b. Chuba lendlela yekulandzelana

kwaletinombolo:

- 703; 707; 711; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_  
773; 777; 781; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

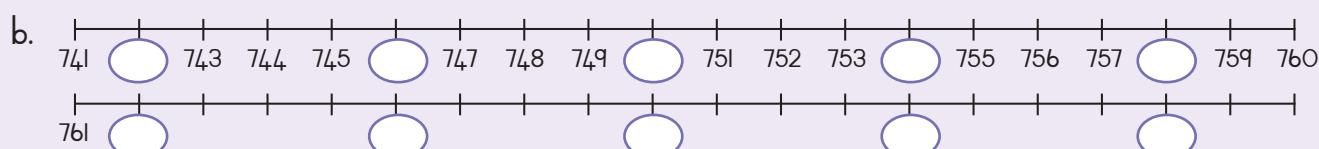
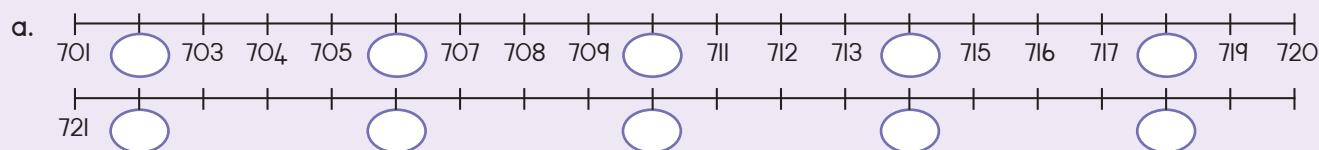
711; 715; 719; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

783; 779; 775; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

799; 795; 791; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Gcwalisa ngenombolo lefanele endilingeni ngayinye  
kullemigca-nombolo.



Nginenombolo lenhlavu-3.

Luhlavu lwekucala ngu 7, luhlavu lolulandzelako sikhombisa sinye ngetulu kwesikhombisa, bese luhlavu lwekugcina luba kutsatfu ngaphansi kwesikhombisa.



Uma ubala uya embili ngakune kusuka kulenombolo, ingahle ibe ngubani lenombolo?

---



11 12 13 14 15 16 17 18 19 20

89

Kuphindzaphindza nekwehlukanisa:

bo 2, bo 3, bo 4 na bo 5 kufika ku 75

Lusuku:

Ithemu 3



Ungakuphvendvula masinyane kanganani loku lokulandzelako?

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

Faka umbala kumabhuloki lapho khona sibalo  
sikunika umsalela.

$12 \div 2 =$ 4	$13 \div 3 =$ 4 umsalela	$15 \div 5 =$ _____	$18 \div 5 =$ _____
$20 \div 4 =$ _____	$23 \div 4 =$ _____	$16 \div 3 =$ _____	$18 \div 3 =$ _____
$25 \div 2 =$ _____	$24 \div 2 =$ _____	$30 \div 2 =$ _____	$29 \div 2 =$ _____
$19 \div 3 =$ _____	$17 \div 3 =$ _____	$31 \div 5 =$ _____	$30 \div 5 =$ _____
$55 \div 5 =$ _____	$52 \div 5 =$ _____	$57 \div 3 =$ _____	$60 \div 3 =$ _____



Wati kanjani kutsi leyo nombolo ingehlukaniseka ngayiphi.

- 3? Uma uhlanganisa tinhlavu tenombolo (sibonelo:  $72 \text{ unetinhlavu } 7 + 2 = 9$ )  
futsi ungehlukanisa leyonombolo lensha nga 3 (sibonelo: 9 ungamhlukanisa nga 3).
- 2? \_\_\_\_\_
- 5? \_\_\_\_\_

1 2 3 4 5 6 7 8 9 10



Yehlukanisa ucilonge imphendvulo yakho.

$$65 \div 3$$

$$= (60 + 5) \div 3$$

$$= (60 \div 3) + (5 \div 3)$$

$$= 20 + 1 \text{ umsalela } 2$$

$$= 21 \text{ umsalela } 2$$

$$21 \times 3 + 2$$

$$= (20 + 1) \times 3 + 2$$

$$= (20 \times 3) + (1 \times 3) + 2$$

$$= 60 + 3 + 2$$

$$= 65$$

a.  $49 \div 5$

b.  $65 \div 5$



Sombulula lokulandzelako:

Udzinga kuhamba uyokwenta luhlwayo.

Wati kanjani kutsi inombolo ingehlukaniseka nga 4?



Teacher: Sign:
Date:

11 12 13 14 15 16 17 18 19 20

90

Lusuku:

## Timphawu tetakhiwo te 3-D

Ithemu 3



Buka letitfombe.

Coca ngesicabati setimiso usebentisa emagama lafana na: bucabati, kugwenja.



Buka letitfombe bese ucedzela lemisho nemibuto.



a. Ibhola

\_\_\_\_\_.



b. Yentiwa yini ibhola kungasheleli?

\_\_\_\_\_.



c. Umbhoshongo

\_\_\_\_\_.



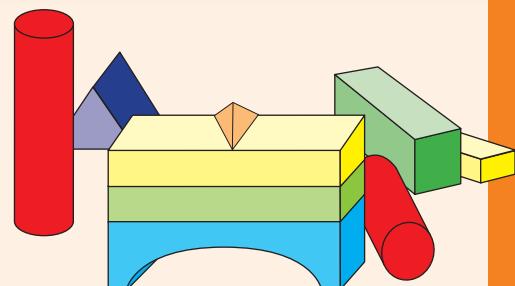
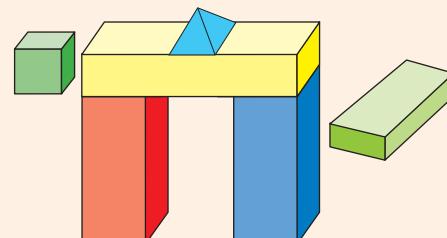
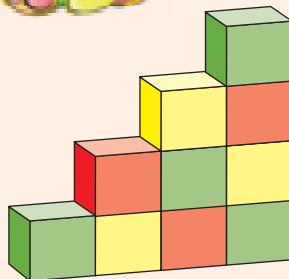
d. Umbhoshongo ungashelela yini nawo?

\_\_\_\_\_.



Shano tintfo letisetjentiswe kulesitfombe.

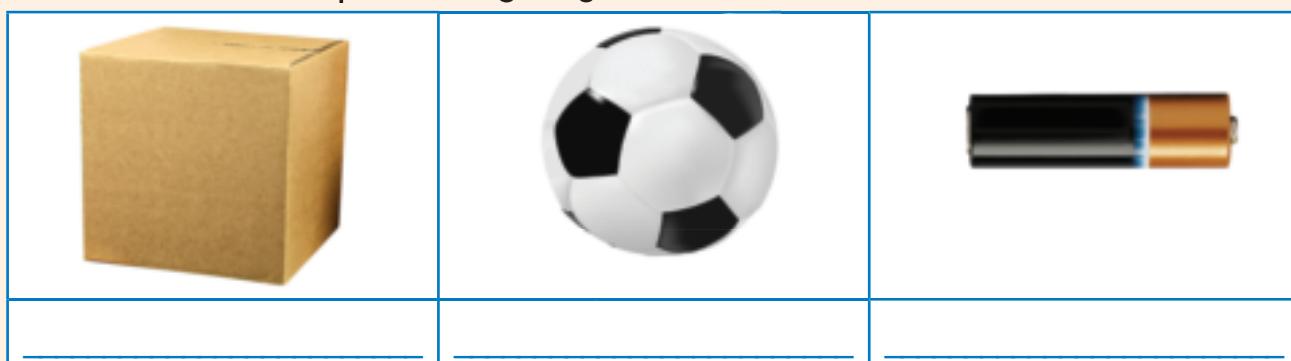
Utawuyisho kanye intfo ngayinye. Shano kutsi ingacicika noma ishelele.



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Shano kutsi letakhiwo te 3-D tisicabati noma  
tinemiphetfo legwenjile.



Dvweba lokulandzelako:

Libhokisi lelisimame etu kwembhoshongo.	Ibhola lesimame etu kwembhoshongo.	Umbhoshongo losimanme etu kwelibhokisi.



q|

Lusuku:

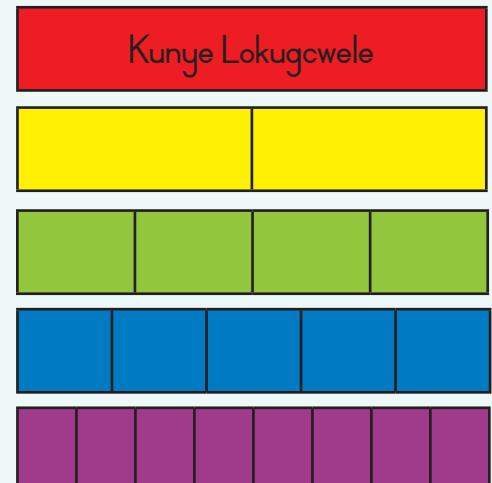
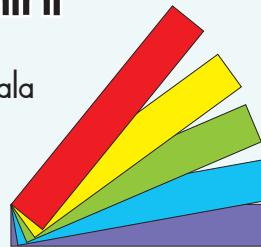
Ithemu 3

## Emakhithi elucu lwemafrikishini

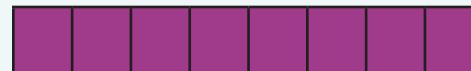


**Yakha ikhithi.**  
Lishadi lekusikwa 5

Ekhathi Elucwini lunye bhala lamagama: "Kunye Lokugcwele"  
Tsatsa lolunye lucu ulugobe emkhatsini-ngco ngekucophelela.  
Bese uyaluvula. Tingakhi tincenyel letilinganako lose unato?  
Bhala  $\frac{1}{2}$  ehhafini ngayinye bese usika ngemgobo.  
Tsatsa lucu lwsitsatfu ulugobe emkhatsini-ngco, phindza futsi  
ulugobe emkhatsini-ngco. Luvule. Tingakhi tincenyel letilinganako  
lose unato? Bhala  $\frac{1}{4}$  kuncenyel-ne ngayinye, bese usika ngemigobo.  
Tingakhi tincenyel talokusiphohlongo letenta hhafu munye?



**Sebentisa leticucu letikukhithi  
yemafrakishini kukusita uphendvule lemibuto.**



Bangakhi bohhafu

Tingakhi tincenyel-ne

labanganga Kunye Lokugcwele?




**Emafrakishini kumugca-nombolo.**

Lolucu luhkombisa, Kunye Lokugcwele.

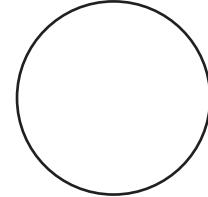
Kunye Lokugcwele

Lendilinga ikhombisa  
Kunye Lokugcwele.

Kunye  
Lokugcwele

Yehlukanisa lucu ngaboncenyel-ntsatfu.

Yehlukanisa indiliinga  
ngaboncenyel-ntsatfu

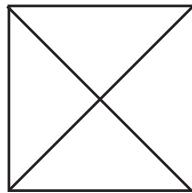
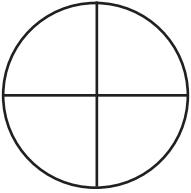
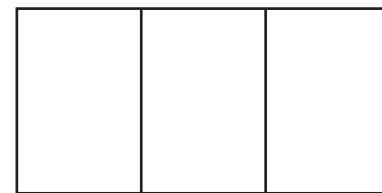
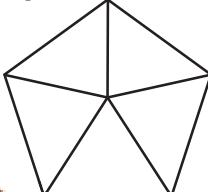
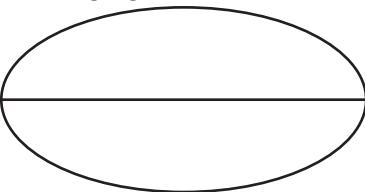
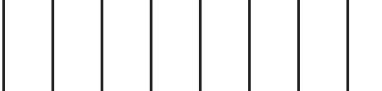


Faka umbala kuncenyel-ntsatfu munye..

Faka umbala  
kuncenyel-ntsatfu munye.



## Nyalo faka umbala kuloku lokulandzelako:

Ihhafu yinye 	Boncenyene-ne labatsatfu 	Boncenyene-ntsatfu lababili 
Boncenyene-hlanu labane 	Ihhafu yinye 	Boncenyene-siphohlongo labasihlanu 



## Dvweba lokulandzelako:

Emakota lamatsatfu usebentisa sikwele	Ihhafu yinye usebentisa indilinga.	Boncenyene-ntsatfu lababili usebentisa calantsatfu.
Boncenyene-hlanu labane usebentisa indilinga.	Tincenyene letine talokusiphohlongo usebentisa sikwele	Boncenyene-ntsatfu lababili usebentisa calandze



## Lungisa ikhithi yakho

- Sika kahle ngakunye kwaletindilinga letisi-6 eKhasini leKusikwa 6.
- Sika tindilinga letisihlanu tibe ticucu ulandzele imigca.
- Bhala esiceshini ngasinye:
  - Kucala ngalinye bhala ifrakishini yeli-awa leligcwele.
  - Kulela lelinye licala bhala linani lemizuzu kulelo frakishini.



Teacher:  
Sign:  
Date:

q2

Lusuku:

## Kabanti ngemafrakishini

Ithemu 3



Bhala Yebo noma Cha.

- Ihhafu nguhhafu waKunye Lokugcwele
- Ihhafu yehhafu yikota.
- Ikota nguhhafu wehhafu
- Ihhafu nemakota lamabili kwenta kunye lokugcwele
- Ihhafu nekota kwenta emakota lamatsatfu

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Yaba iphayi.

Sipho, Gugu, Andile naLisa babelana iphayi yinye.



a.

Ngafa yindlala!  
Ngifuna ihhafu

Sipho



Dvweba sabelo saSipho.



b.

Kulungile!  
Ngitawutsatsa ikota.

Gugu



Dvweba tabelo tabo Sipho naGugu.

c.

Ngitawutsatsa  
ihhafu yalokusele.

Andile



Dvweba sabelo saSipho, Gugu na-Andile.

d.

Inganani iphayi  
lesalele mine?

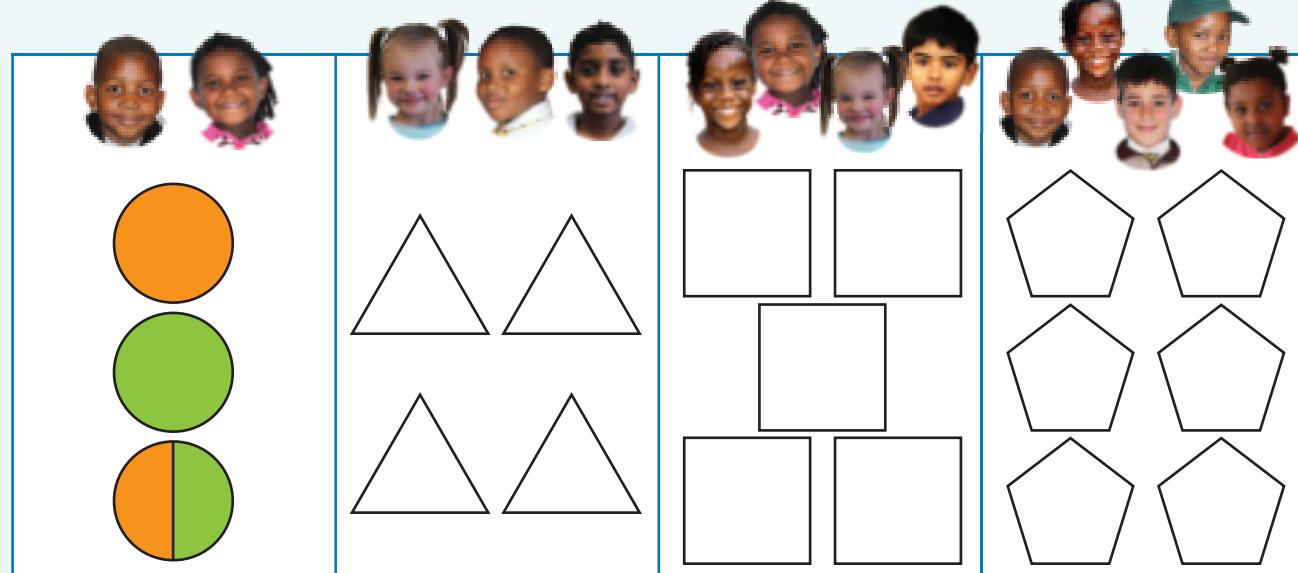
Lisa



Dvweba tonkhe tabelo tabo talephayi.



Yaba bobunjwa wabele bantfwana  
ngekudvweba umugca uwufake umbala.



Bangani labane babelana 5 wemaswidi  
ngekulingana.

Umuntfu ngamunye utawutfolo mangakhi?  
Utsini umbuto?

Titsini tinombolo?

Dvweba sitfombe.

Bangani labasitfupha babelana 9 wemaswidi  
ngekulingana.

Umuntfu ngamunye utawutfolo mangakhi?  
Utsini umbuto?

Titsini tinombolo?

Dvweba sitfombe.



Teacher:  
Sign:  
Date:

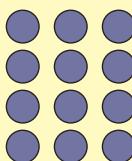
q3

Lusuku:

Ithemu 3

## Kwaba kuholela kumafrakishini

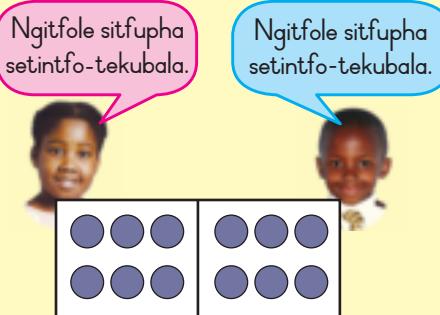
Nati tintfo-  
tekubala  
letili-12



Sibangani lababili. Sinekweku phatsa  
kunye kwehlukaniswe ngco kuhhafu.



Sabelana tintfo-tekubala Lishumi-  
nambili emkhatsini wetfu sobabili.



Yenta umdvwebo walokulandzelako uphendvule umbuto.

Imfica yemabhola yehlukaniswe emkhatsini  
webangani labatsatfu.



- Mangakhi emabhola latawutfolwa yintfombatana ngayinje?
- Itsini ifrakishini letawutfolwa yintfombatana ngayinje?

Lishumi-nambili lemabhola lehlukaniswe  
emkhatsini webangani labane. Batsatfu  
kulabangani bafana.



- Mangakhi emabhola latawutfolwa yintfombatana ngayinje?
- Itsini ifrakishini letawutfolwa ngumfana ngamunye?



Itsini ifrakishini letawutfolwa nguMandla?

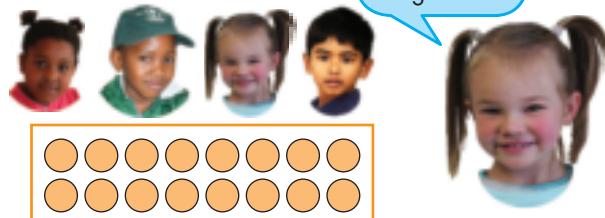
Itsini ifrakishini letawutfolwa nguLisa?

Ligama lami  
nguMandla



- Mangakhi emabhola latawutfolwa boMandla naLisa?

Ligama lami  
nguLisa.



- Mangakhi emabhola latawutfolwa boMandla naLisa?



## Kwaba emaswidi.

Bangani labatsite baba emaswidi. Amunye utfola  $\frac{1}{2}$  (ihhafu) yeliphakethe.

a. Mangakhi emaphakethe labawadzingako kwaba emkhatsini wa:

4 webangani? \_\_\_\_\_ 6 webangani? \_\_\_\_\_ 9 webangani? \_\_\_\_\_



b. Bangakhi bangani labangabelana:

4 emaphakethe? \_\_\_\_\_ 10 emaphakethe? \_\_\_\_\_  $3\frac{1}{2}$  emaphakethe? \_\_\_\_\_



## Tiketi tekudansa.

Bomake nabogogo benta tiketi tekudansa.

Kwenta l sikeri badzinga  $2\frac{1}{2}$  wemamitha (m) endvwangu.

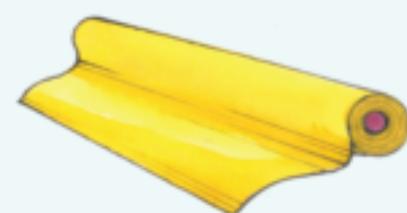
Indvwangu ibita R6 imitha.



a. Tingakhi tiketi labangatenta ngendvwangu lengu?

5 m \_\_\_\_\_ 10 m \_\_\_\_\_

20 m \_\_\_\_\_ 25 m \_\_\_\_\_



b. Inganani indvwangu labayidzingako kwenta

2 wetiketi \_\_\_\_\_ 3 wetiketi \_\_\_\_\_ 4 wetiketi \_\_\_\_\_



c. Ibita malini indvwangu kwenta

1 sikeri \_\_\_\_\_ 2 wetiketi \_\_\_\_\_ 3 wetiketi \_\_\_\_\_



d. Tingakhi tiketi labangatenta nga

R450 \_\_\_\_\_ R825 \_\_\_\_\_ R180 \_\_\_\_\_ ?



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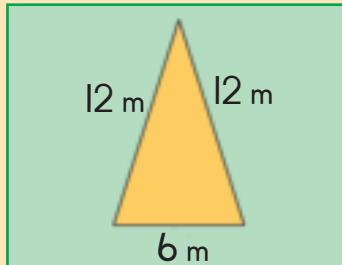
Lusuku:

Ithemu 3



## Libanga kugegeleta

Leligama "umgegeleto" lisho budze noma libanga lekugegeleta intfo letsite.



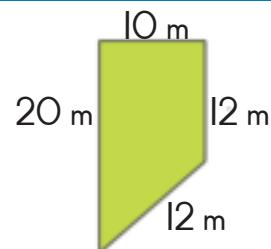
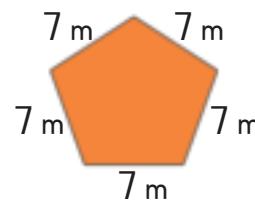
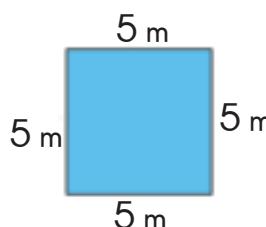
Umlimi unensimi lemacala ntsatfu.

Singawutfola umgegeleto walesivandzi ngekuhlanganisa bonkhe budze bemacala lehlukene.

$$\text{Umgegeleto} = 12 \text{ m} + 12 \text{ m} + 6 \text{ m} = 30 \text{ m}$$



Tfola lena migegeleto.



Ingadze ya Veronica.

Veronica udvweba umfanekiso wengadze lafuna kuyilima.

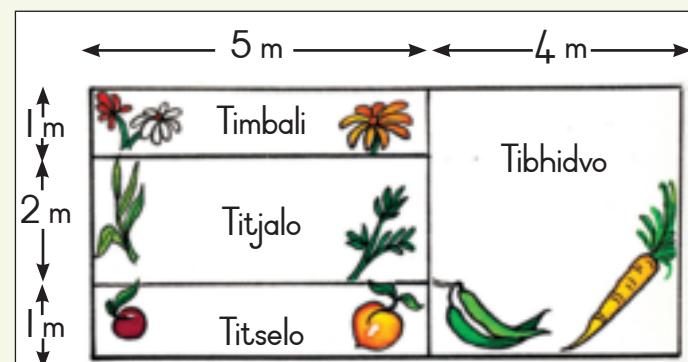
a. Uyini umgegeleto walendzawo lapho alima khona titjalo takhe? \_\_\_\_\_

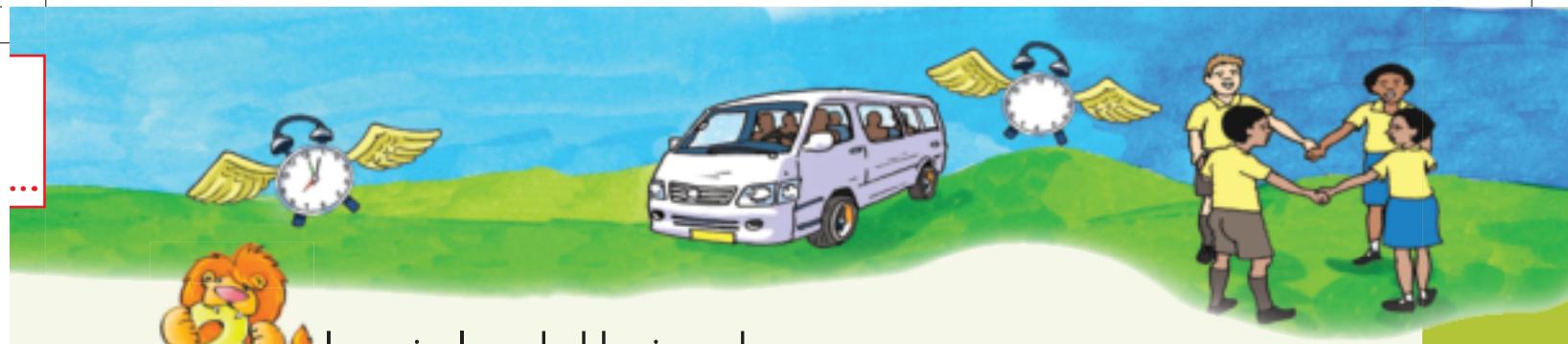
b. Ngutiphi tigaba letimbili letinemgegeleto lofanako? Utsini umgegeleto wato?

\_\_\_\_\_ na \_\_\_\_\_ tinemgegeleto wa \_\_\_\_\_ m.

c. Udzinga fenisi kugegeleta ingadze yonkhe. Kubiyela ngafenisi kubita R50 imitha iyinye.

Utawubita malini fenisi sekawonkhe? \_\_\_\_\_





Lungisela yakakho ingadze.

Sebentisa liphepha legridi eKhasini leKusikwa 7 kulungisela yakakho ingadze. Khombisa tonkhe tinombolo tekukala netimbewu longatsandza kutitjala.

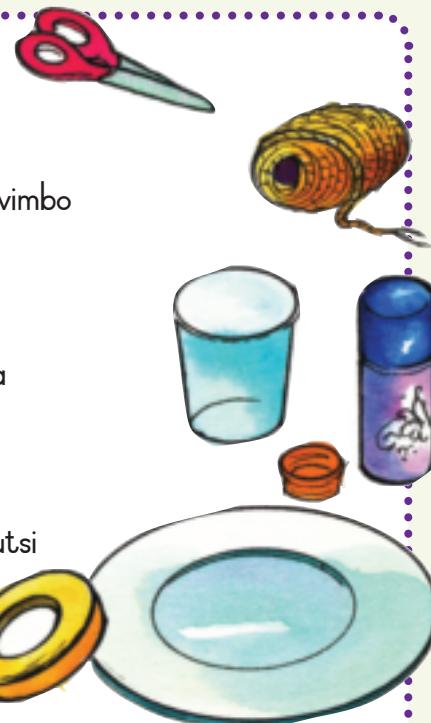


Kumeda tindilinga.

Sebenta nemlingani.

**Kwekusetjentiswa:** IO wetintfo letisandilinga temasayizi  
lehlukene njengelipulede, ingilazi, sigwabugwabu sethephu, sivimbo  
selibhodlela, lucu nesikelo.

1. Khetsa yinye yaletintfo letisandilinga utoyikala ngelucu.
2. Sika siguntu selucu silingane ncwe ngebudze lobufinylela kumgegeleto waleyontfo.
3. Nyalo tsatsa intsambo uyalule isuke kulunye luhlangotsi lwendilinga luye kulolunye ujihambisa emkhatsini. Bala kutsi yenela kangakhi .
4. Yenta sona leso ngetintfo letisandilinga.
5. Bhala lokucaphelako.



Libanga lekugegeleta indilinga libitwa ngekutsi ngumgegeleto.	
Libanga lelibhukule indilinga libitwa ngekutsi sibhukula-mkhatsi.	



Teacher: Sign:
Date:

95a

Lusuku:

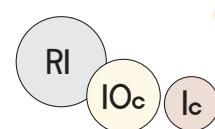
Ithemu 3

## Kuhweba ngemali

Dlala lemidllalo nemlingani.

Kwekusetjentiswa:

RIOO      RIO



boRIOO	beRIO	boRI	IOc	Ic

Libhodi leMali (Kwekusikwa 8), Liphepha nepeniseli, mabili emadayizi, imali yekudllala (eKhasini leKusikwa 9): RIOO na RIO wemaphepha; RI, IOc na Ic buhhehlu.

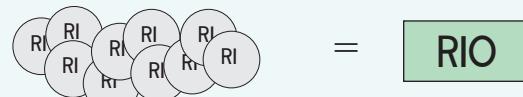
Beka Libhodi leMali etafuleni.

Libhodi lina 5 wetigaba kanje, kusuka ngesancele kuye ngesekudla, RIOO, RIO, RI, IO emasenti na I senti. Kulona umdlalo sisebentisa tinhlu letintsatfu tekucala.

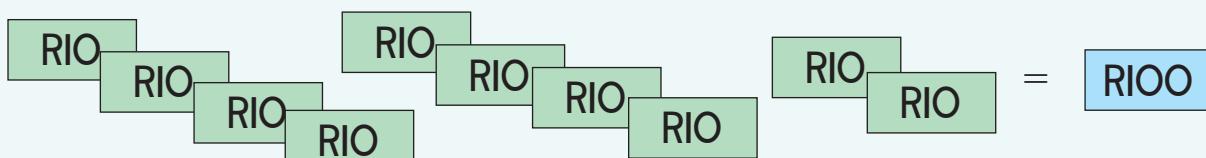


Hlanganisa kufike ku 100 wemaRandi.

- Umdlali ngamunye udlala ligema lakhe kujika lidayizi. Hlanganisa tinombolo letimbili ndzawonye.
- Tsatsa leya nombolo ya RI lobuhhehlu uyibeke kulelicala la RI lelibhodi lakho.
- Nase nje unelishumi labo RI bebhuhhehlu kufute umhwebise nga RIO weliphepha.



- Umuntfu wekucala kucokelela lishumi labo RIO bemaphepha abahwebise nga RIOO weliphepha ngumphetsa.



- Sijeziso:** Uma umdlali acedza ligema lekuhwebisa kodvwa akhohlwa kuhwebisa lishumi RI buhhehlu ngamunye RIO weliphepha, bese lona lomunye umdlali uyalibamba leliputsa, sijeziso ngu RI. Uma umdlali akhohlwa kuhwebisa lishumi labo RIO wemaphepha ngamunye li RIOO leliphepha, kufute abhadale RIO kulona lomunye umdlali.



## Susa kusuka ku RIOO kufike ku RO.

Dlala wona lowo mddalo, kodvwa nyalo cala ngelishumi labo RIO wemaphepha, bese ususa sibalo setinombolo edayizini. Umdlali lofika ku RO kucala ngumphetsa.

boRIOO	boRIO	boRI	IOc	Ic



## Kuhlanganisa neKususa ku RI OOO.

Hlanganisa sibalo selidayizi ligema ngalinye, bese utsatsa leya nombolo ya RIO wemaphepha. Wekucala kufika ku RI OOO ngumphetsa. Noma, cala nga RI OOO, bese uyesusa ligema ngalinye. Umdlali wekucala kufika ku RO ngumphetsa.



## Kuhlanganisa kufika ku RI.

Dlala umdlalo lofana newekucala, kodvwa-ke nyalo uma ujika lidayizi bese utfolo sibalo, tsatsa lesibalo selidayizi ku I senti webuhhehlu. Uma unelishumi labo Ic bebuuhhehlu, bantjintje babe ngulOc buhhehlu. Wekucala kukhona kuntjintja lishumi la IOc buhhehlu kube ngu RI buhhehlu ngumphetsa.



## Susa emasenti.

Cala nga RI, bese ususa ligema ngalinye. Wekucala kufika ku O wemasenti ngumphetsa.



95b

Lusuku:

## Asiyowutsenga!

Ithemu 3



Indali yetigcoko.

Lesitolo sitsengisa tigcoko ngetintsengo  
letehlukene ka 5.



							Samba
Sigcoko a		R20	R20	R20	R20	R20	RI20
Sigcoko b		R25	R25	R25	R25	R25	
Sigcoko c		R50	R50	R50	R50	R50	
Sigcoko d		R75	R75	R75	R75	R75	
Sigcoko e		R100	R100	R100	R100	R100	

- Tfola kutsi tibita malini tigcoko luhele ngalunye.
- LaZondo utsenga l luhlubo ngalunye lwasigcoko.  
Ubhadala malini sekukonkhe? \_\_\_\_\_
- Mbhuti usebentisa R450 sekukonkhe. Utsenga l sigcoko nga R100.

Hholisa! Catsanisa!  
Lungisa!

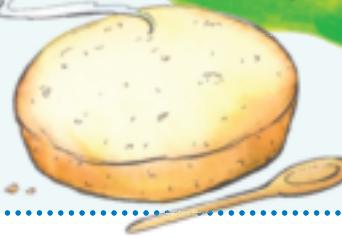
Ngutiphi letinye tigcoko latitsengako? Khombisa 2 waletinye timphendvulo longatitfola.

Imphendvulo 1	Imphendvulo 2



## Ebhekari.

Musa usebentisa leresiphi kwenta likhekhe mafotjo.



### Iresiphi yeLikhékhe-mafotjo

**Kwelikhékhe:** 40 g fulawa lotikhukhumukelako; 3 emacandza; 50 g shukela weku-ayisa

**Kwekufaka emkhatsini:** 140 ml ikhirmu

- a. Bala kahle kutsi Musa udzinga malini kubhaka afike ku 6 wemakhekhe.

Likhékhe	Fulawa weLikhékhe	Emacandza	Shukela	Ikhirimu
1	40 g	3	50 g	140 ml
2				
3				
4				
5				
6				

- b. Faka lumphawu (✓) emphendvulweni lengiyo.

I litha yekhirimu ingafakwa ku: 10 wemakhekhe;  
7 wemakhekhe; 8 wemakhekhe



Hlolisa!  
Catsanisa! Lungisa!



## Tibalo letisheshako.

$10 \times 7 =$	$10 \times 70 =$	$5 \times 7 =$	$5 \times 70 =$	$70 \times 2 =$
$12 \times 4 =$	$12 \times 8 =$	$6 \times 16 =$	$5 \times 9 =$	$50 \times 9 =$
$15 \times 3 =$	$15 \times 6 =$	$10 \times 4 =$	$8 \times 4 =$	$18 \times 4 =$

11 12 13 14 15 16 17 18 19 20



qb

Lusuku:

## Ithemu 3



Emaphoyiseni.

Sihlanu semaphoyisa senta imisebenti leyehlukene. Akuphi nyalo?

	Ehhovisi	Emgwacweni	Enkantolo
Serufe			x
Maria	x		
Sam	x		
Amos		x	
Dudu			x

Bhala emagama alabakuletindzawo: Ehhovisi? \_\_\_\_\_

Emgwacweni? \_\_\_\_\_

Enkantolo? \_\_\_\_\_



Lusuku Lwesihlahla.



Sihlanu setikolo sicudzelana kubona kutsi ngusiphi lesingatjala tihlahla letinyenti ngeLusuku

Lwesihlahla i-Arbor.  = 10 tihlahla

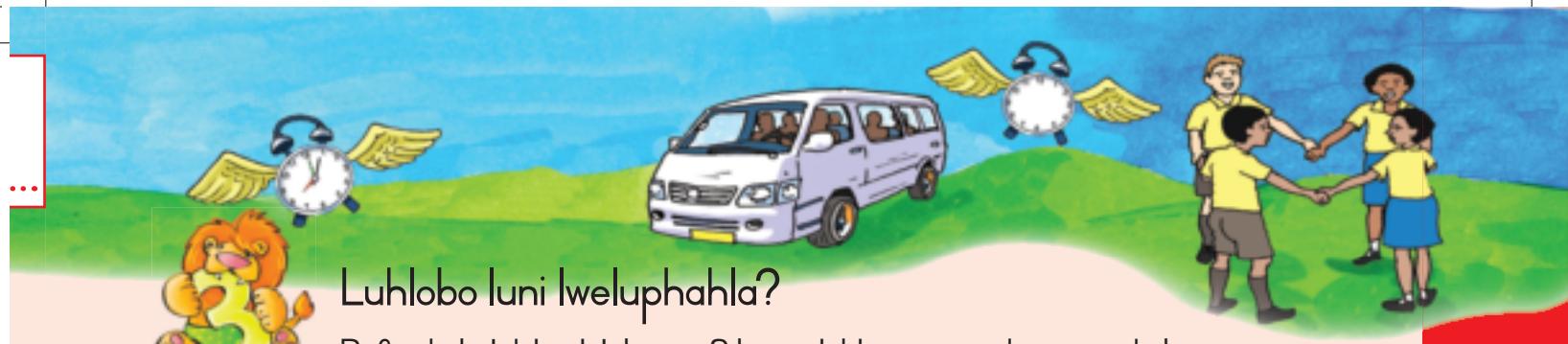
Klipspruit	
Mthonjeni	
Mpuluzi	
Thuthong	
Mosiba	

Tingakhi tihlahla sikolo ngasinye lesititjalako?

Klipspruit	Mthonjeni	Mpuluzi	Thuthong	Mosiba

Tingakhi tihlahla letatjalwa sikolo setitonkhe? \_\_\_\_\_

1 2 3 4 5 6 7 8 9 10



## Luhlolo luni lweluphahla?

Bafundzi beLikilasi leLibanga 3 benta luhlwayo esigodzini sangakubo.

Bafuna kwati kabanti ngetinhlobo teluphahla etindlini letehlukene.

Bakhombisa imiphumela yabo kulegrafu yelibhuloki.

Bafaka luphawu (✓) ka-l uma babona indlu ngayinje.



Emathayili	✓	✓	✓	✓	✓	✓					
Tjani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lipulango	✓	✓	✓	✓	✓	✓	✓	✓			
Ngcwengcwe	✓	✓	✓	✓	✓	✓	✓	✓			

Kungakhi kwenhlobo ngayinje yeluphahla labakubonako?

Emathayili \_\_\_\_\_ Tjani \_\_\_\_\_ Lipulango \_\_\_\_\_ Ngcwengcwe \_\_\_\_\_

Nguyiphi inhlobo yeluphahla ledvume kakhulu? \_\_\_\_\_

Tingakhi timphahla labatibalako setitonkhe? \_\_\_\_\_



## Emasayizi etigcoko.

Bafana basesikolweni iJama bagcoka emakepisi.

Lamakepisi abosayizi 2, 3 na 4.



2	2	3	2	3	4	4	3	2	3	2	3
4	2	2	3	3	3	2	2	2	3	4	4
2	3	2	3	4	2	4	4	3	4	2	2
2	2	3	3	3	4	2	2	2	3	3	4
4	2	2	2	3	4	2	4	4	3	2	

Bala kutsi bangakhi bafundzi labagcoka isayizi ngayinje yelikepisi.

2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_

Nguyiphi isayizi levame kakhulu? \_\_\_\_\_

Hlolisa! Catsanisa!  
Lungisa!



11 12 13 14 15 16 17 18 19 20

97



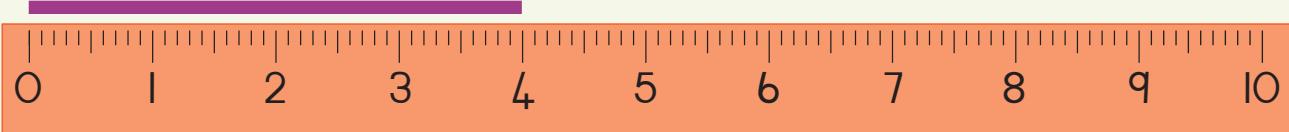
Lusuku:

Ithemu 4



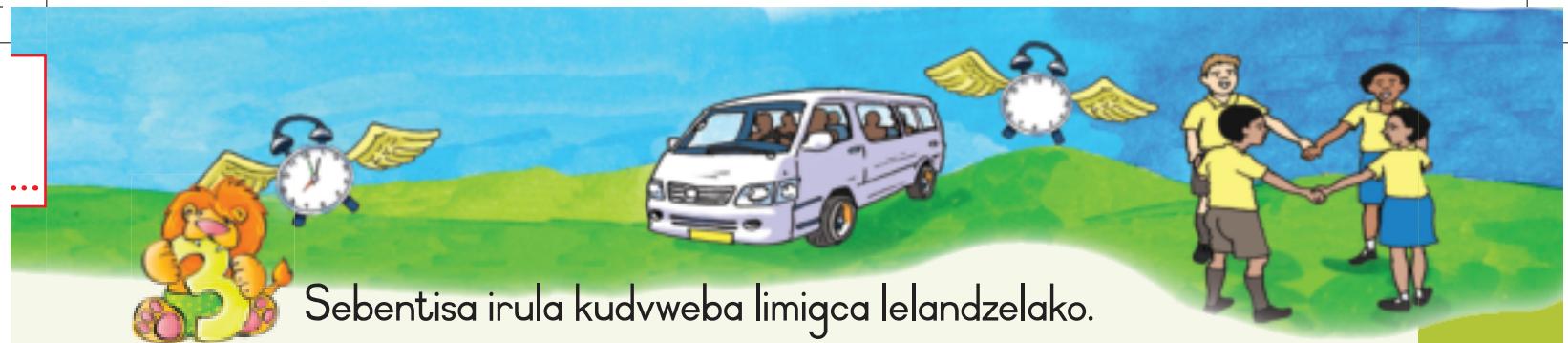
## Kusebenta ngemasentimitha

Mudze kanganani lomugca lonembala?



Cala wente silinganiso bese ukala imigca.  
Cedzela lithebula.

Umugca	Silinganiso	Sikalo	Umehluko emkhatsini wekulinganisa nekukala



Sebentisa irula kudvweba limigca lelandzelako.

a. 10 cm

b. 7 cm

c. 15 cm



Shano kutsi utawukala loku lokulandzelako ngemamitha noma emasentimitha.

- a. Budze bencwadzi \_\_\_\_\_
- b. Budze besivalo \_\_\_\_\_
- c. Budze bepeniseli \_\_\_\_\_
- d. Budze bakho \_\_\_\_\_
- e. Budze bemuno wakho \_\_\_\_\_

Khumbula sifinyeto semagama isentimitha (cm) nemitha (m).



Kulomnyaka usebentisa emapeniseli akho emibala.

Budze bemapeniseli bebungu 15 cm ungakawasebentisi

Emuva kwekube sewuyisebentisile ipeniseli lebovu seyingu 7 cm, lelingangane ingu 5 cm, leluhlata ingu 6 cm, lemtfubi ingu 11 cm, lesamsobo ingu 12 cm, kantsi leliputi ingu 9 cm, lensundvu ingu 14 cm, lemnyama ingu 8 cm, lephinki ingu 13 cm kantsi lemhlophe ingu 15 cm.



- a. Nguyiphi ipeniseli loyisebentise kakhulu kunato tonkhe? \_\_\_\_\_
- b. Nguyiphi ipeniseli loyisebentise kancane kunato tonkhe? \_\_\_\_\_
- c. Bhala budze betipeniseli takho usuke kulemfisha kakhulu uye kulendze kakhulu \_\_\_\_\_

11 12 13 14 15 16 17 18 19 20



q8

Lusuku:



## Tinombolo 700 kuye ku 800

Ithemu 4

Bala ubhale.

- a. Sebentisa lelishathi lelilandzelako kukusita ubale kusuka ku 700 kuye ku 800. Shano letinombolo usabala.

700



701			704					710
						718		
	722							
				736				
741							749	
						758		
		773						
						788		790
792			795					800

b. Bhala tinombolo letishiyiwe kulegridi ngetulu.

c. Bhala leli-10 letinombolo letita emva kwa 750.

750; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

d. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo 2.

762; 764; 766; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

e. Bhala tonkhe letinombolo ngephethini yabo 2 kusuka ku 751 kuye ku 773.

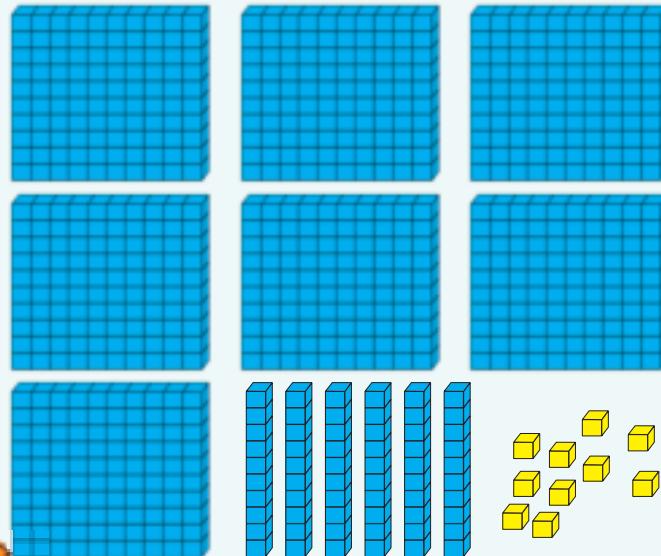
751; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; 773

f. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo 5.

751; 756; 761; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



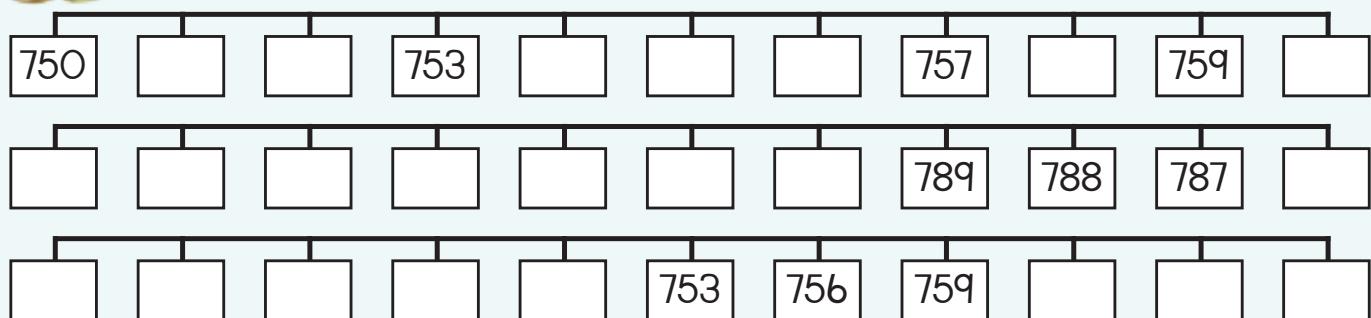
Ubale mangakhi emabhuloki?



Uwabale njani lamabhuloki?



Cedzela imigca-nombolo.



Cedzela  
lithebula.

Bhala kusuka kulokuncane  
kakhulu kuye kulokukhulukati.

Bhala kusuka kulokukhulukati  
kuye kulokuncane kakhulu.

776, 772, 779, 770, 778

736, 703, 730, 713, 703



Bhala lokulandzelako ngemagama.

788

Teacher:
Sign:
Date:

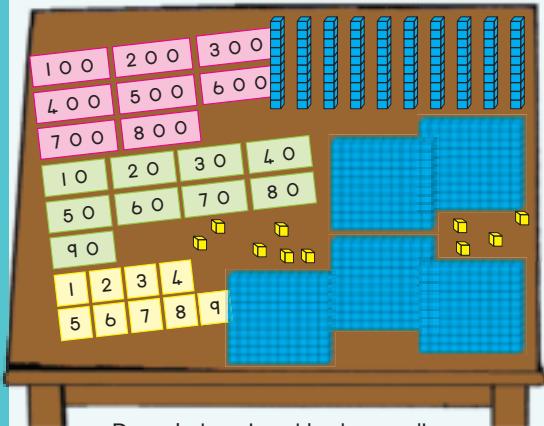
11 12 13 14 15 16 17 18 19 20

qq

# Kabantu ngetinombolo kusuka ku 700 kuya ku 800

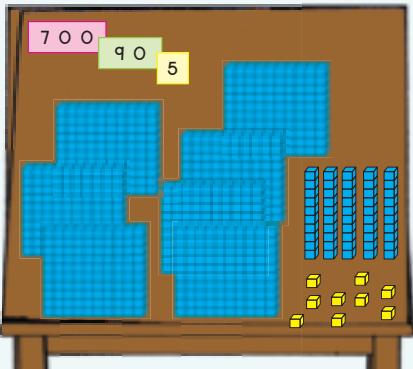
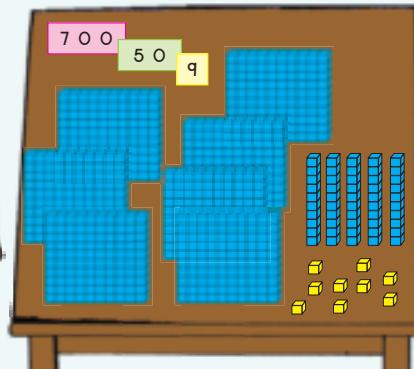
Lusuku:

Ithemu 4



Thishela wacela Peter kutsi  
akhombise 759 ngemakhadi akhe  
nangemabhuloki.

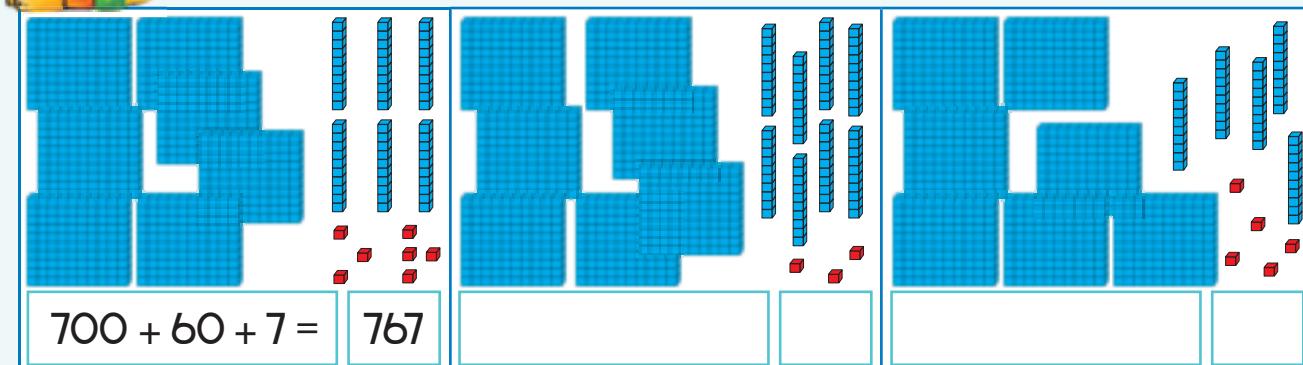
Naku lokukhonjiswe ngu Philani.  
Yini layonile?



Peter bekanalamakhadi emandla-  
sikhundla lalandzelako kanye  
nemabhuloki lalishumi

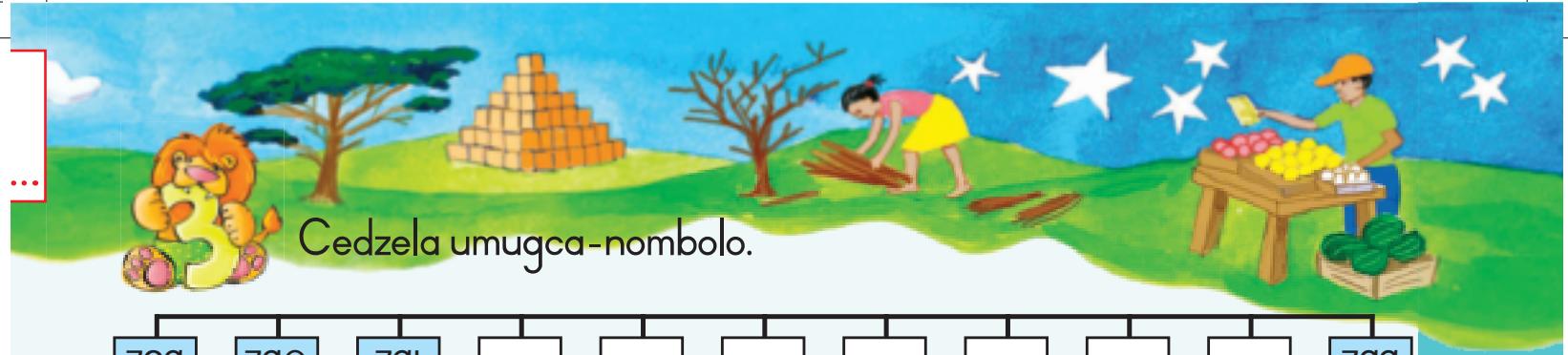


Bhala umusho-nombolo bese ubhala imphendvulo.



Bhala umusho-nombolo bese ubhala imphendvulo.

$700$ $90$ $q$ $700 + 90 + q$ $=$	$500$ $50$ $500 + 50$ $=$	$60$ $5$ $60 + 5$ $=$



Cedzela umugca-nombolo.

789    790    791                                799

Nginikete tonkhe tinombolo letincane kuna 795. \_\_\_\_\_

Nginikete tonkhe tinombolo letinkhulu kuna 795 \_\_\_\_\_



Gcwalisa <, > noma.

- a. 799  766      b. 745  750  
c.  $700 + 90 + 7$   767

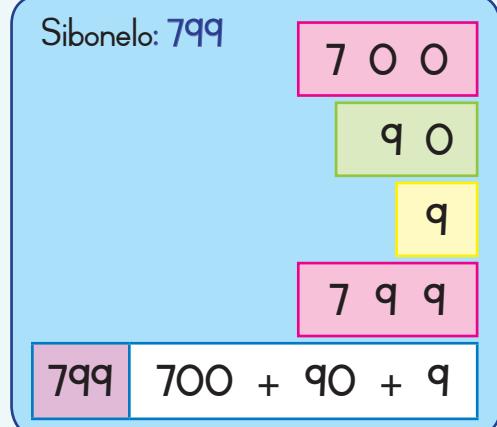


Vutfuta inombolo yakho.

- a. Yakha inombolo ngayinye ngemakhadi akho.  
b. Bhala emandla enhlavu-nombolo ngayinye. Nyalo yenta loku: Vutfuta inombolo yakho.

790	
689	
699	
755	
690	

Sibonelo: 799



Bhala tinombolo-magama.

668	
757	
799	
742	
691	



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

11 12 13 14 15 16 17 18 19 20

100

Lusuku:

## Tinombolo 800 kuye ku 900

Ithemu 4



Bala ubhale.

- a. Sebentisa lelishathi lelilandzelako kukusita ubale kusuka ku 800 kuye ku 900. Shano letinombolo usabala.

800



801			804					810
						818		
	822							
				836				
841							849	
						858		
		873						
						888		890
892			895					900

b. Bhala tinombolo letishiyekile kulegridi ngetulu.

c. Bhala li-10 letinombolo letita emva kwa 800.

800; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

d. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo 2.

852; 854; 856; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

e. Bhala tonkhe tinombolo ngephethini yabo 2 kusuka ku 807 kuye ku 829

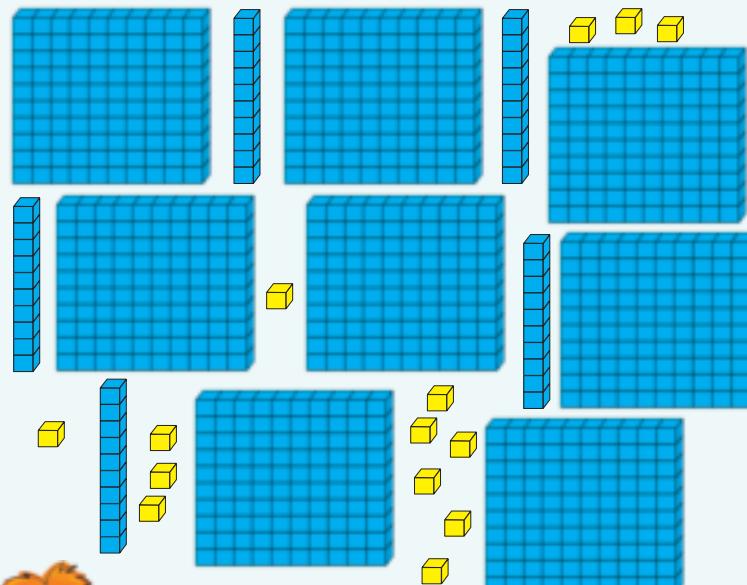
807; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; 829

f. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo 5.

834; 839; 844; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



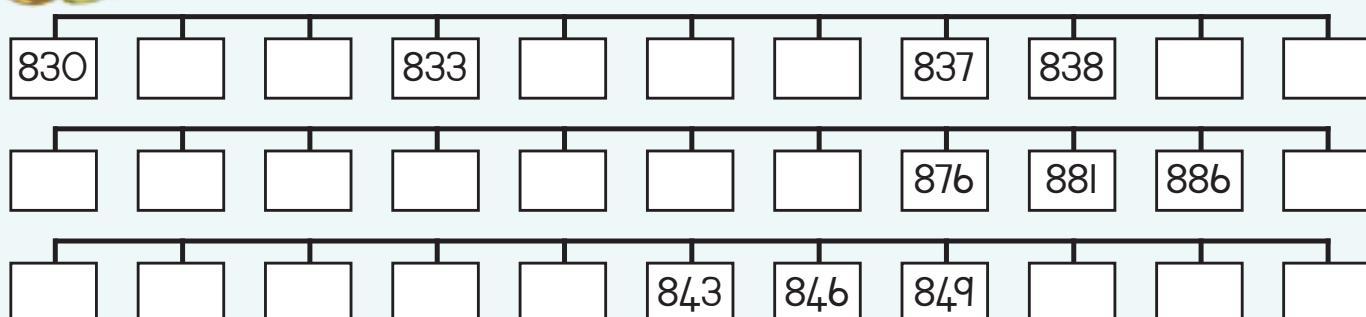
Ubale mangakhi emabhuloki?



Uwabale njani lamabhuloki?



Cedzela imigca-nombolo.



Cedzela  
lithebula.

Bhala kusuka kulencane  
kakhulu kuye kulenkhulukati.

Bhala kusuka kulenkhulukati  
kuye kulencane kakhulu.

856, 853, 855, 851, 857

898, 801, 810, 819, 891



Teacher:
Sign:
Date:



Bhala lokulandzelako ngemagama.

845

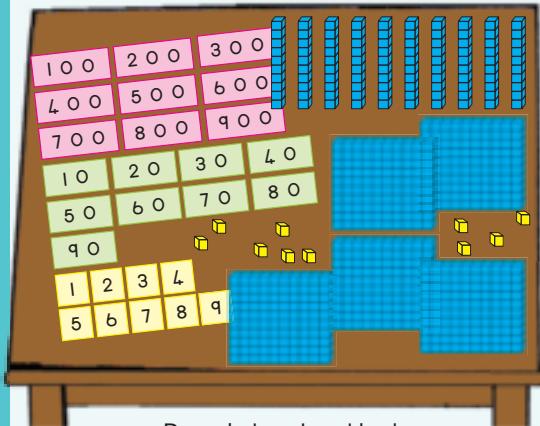
11 12 13 14 15 16 17 18 19 20

101

# Kabantu ngetinombolo kusuka ku 800 kuya ku 900

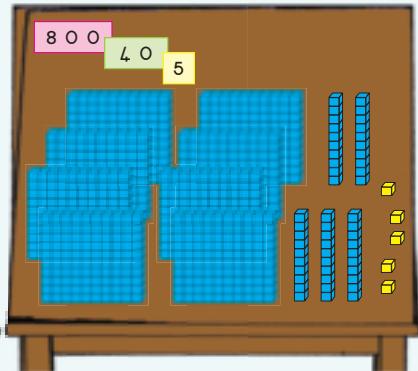
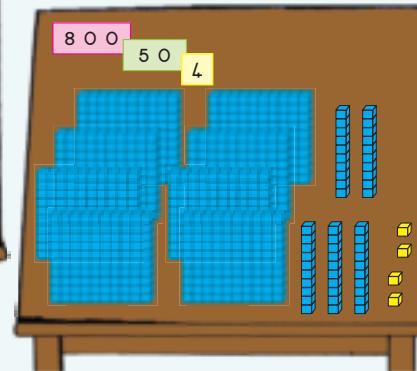
Lusuku:

Ithemu 4



Thishela wacela Peter kutsi  
akhombise 854 ngemakhadi akhe  
nangemabhuloki

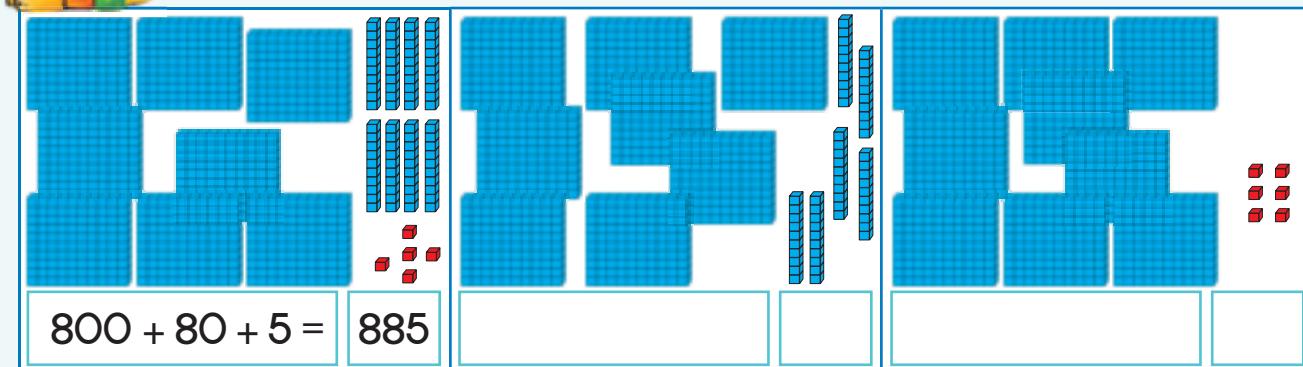
Naku lokukhonjiswe nguPhilani.  
Yini layonile?



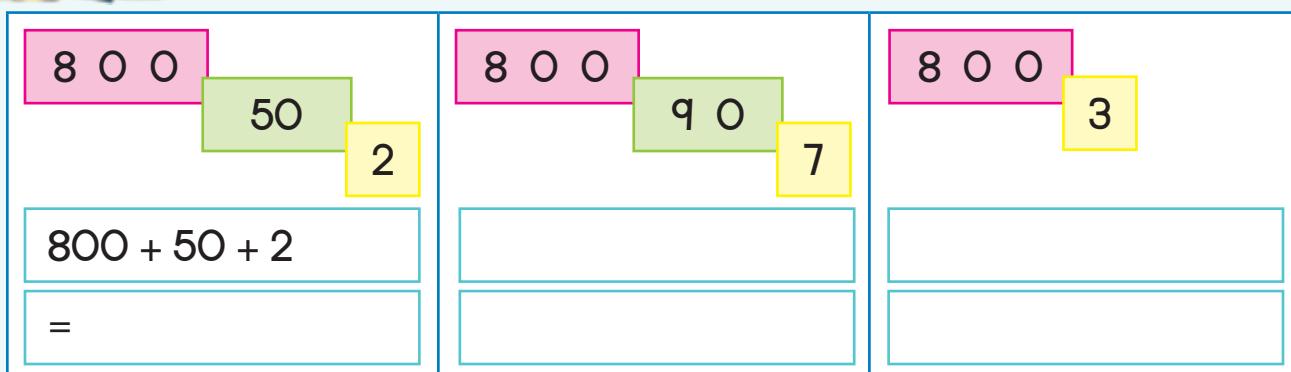
Peter bekanalamakhadi  
emandla-sikhundla lalandzelako  
nemabhuloki lalishumi.

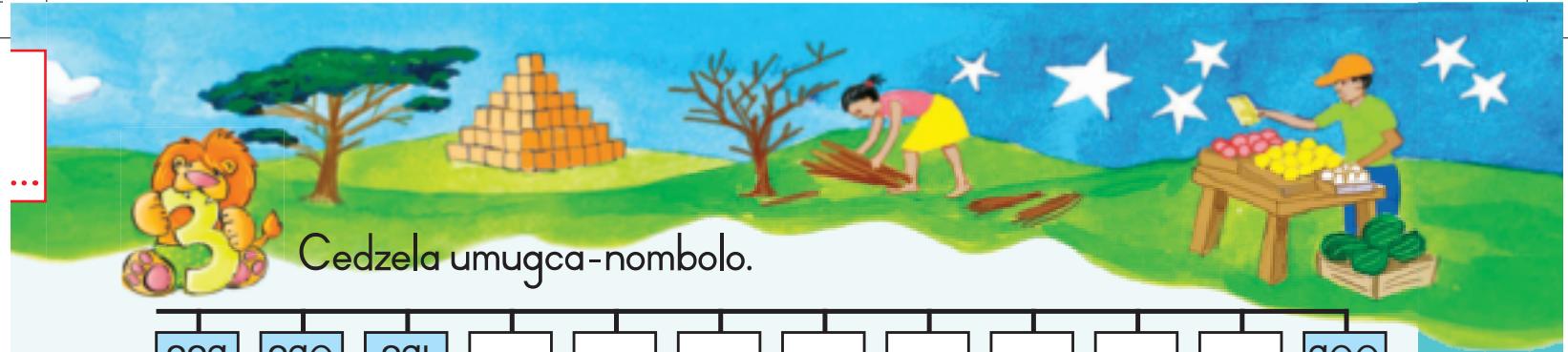


Bhala umusho-nombolo bese ubhala imphendvulo.



Bhala umusho-nombolo bese ubhala imphendvulo.





Cedzela umugca-nombolo.

889	890	891								900
-----	-----	-----	--	--	--	--	--	--	--	-----

Nginikete tonkhe tinombolo letincane kuna 894.

Nginikete tonkhe tinombolo letinkhulu kuna 894.



Gcwalisa <, > noma =

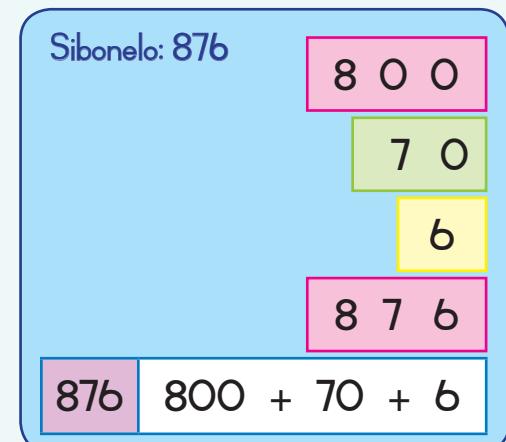
- a. 899 \_\_\_\_\_ 898      b. 802 \_\_\_\_\_ 820  
 c.  $900 + 70 + 5$  \_\_\_\_\_ 785



Vutfuta inombolo yakho.

- a. Yakha inombolo ngayinye ngemakhadi akho.  
 b. Bhala emandla enhlavu-nombolo ngayinye. Nyalo yenta loku: Vutfuta inombolo yakho.

890	
889	
802	
855	
840	



Bhala tinombolo-magama.

889	
825	
803	
830	
899	

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

102a

Lusuku:

Ithemu 4



## Kukala tintfo

Bukisia titfombe letilandzelako uphendvule imibuto.



- Ngabe 1 kg wensipho-mphuphu yekuwasha, umelula noma uyesindza kuna 2 kg wensipho-mphuphu yekuwasha?
  
- Yini lemelula: Emakhoniflesi langu 500 g noma emabhisikidi langu 200 g?
  
- Yini leyesindzako: 100 g wekhirimu yebuso noma 1 kg welipaka lesitambu?



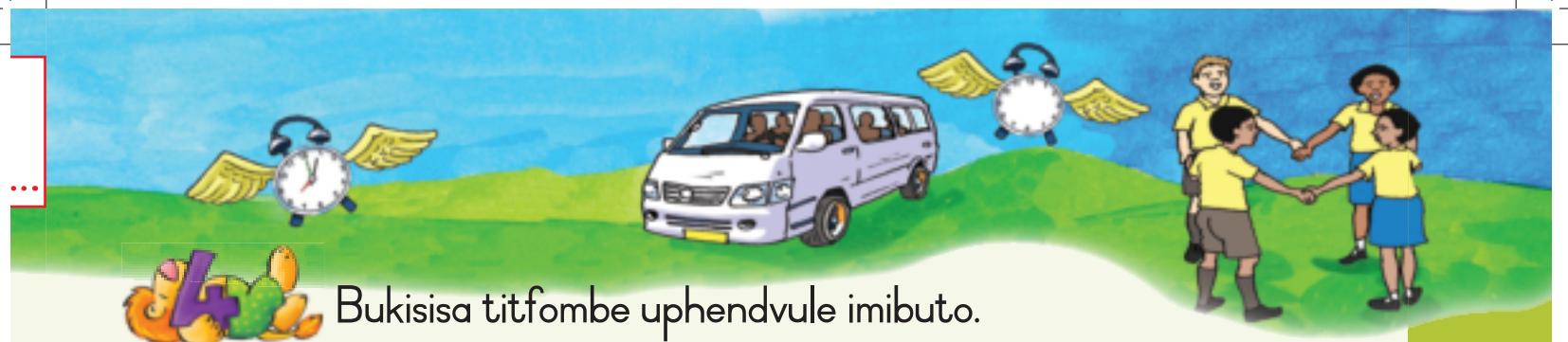
Senta sisindvo sini sesisonkhe ndzawonye?

Sisindvo sami ngu 25 kg, semngani wami 29 kg bese semnaketfu kuba ngu 45 kg.



Sitsini sisindvo semikhicito seyindzawonye?

Semkhicito wekulala ngu 1 kg 500 g, semkhicito wesibili ngu 3 kg 500 g bese semkhicito wekugcina kuba ngu 2 kg 500 g.



Bukisisa titfombe uphendvule imibuto.



I,5 kg uyafana na  
1 kg na 500 g.



2,5 kg uyafana na  
2 kg na 500 g.

Ngingambhala kanjani 3,5 kg  
ngemakhilogremu  
nangemagremu?



Cedzela lithebula.

Thishela utaninika tintfo letisihlanu nitibukisise. Yentani silinganiso sesisindvo sato bese nitikala kahle.

Intfo	Silinganiso	Sikalo	Umehluko emkhatsini wesilinganiso nesikalo



Sitsini sisindvo semikhicito seyiyonkhe?

Umkhicito wekucala unesisindvo sa 2 kg 500 g, semkhicito wesibili ngu 1 kg 500 g bese semkhicito wekugcina kuba ngu 3 kg 500 g.



# 102b

## Asichubeke ngesisindvo

Lusuku:

Ithemu 4

Kwesindza sikalo sekutsi lunganani lutfo lolukhona entfweni letsite. Nakukunyenti, kanjalo kuba lukhuni kukusundvuta.

Sisindvo sikalo semandla-mfutfo lodvonsa lolo lutfo. Emandla-mfutfo mancane enyangeni ngako-ke tintfo tinesisindvo lesilula lapho.

Emhlabeni emisebentini yamalanga onkhe sisebentisa tikalo letifanako kukala kwesindza nesisindvo. Sikala kwesindza **ngemakhilogremu nangemagremu**.

Tikali letehlukene

Sisebentisa tinhlobo letehlukene tetikali kukala kwesindza nesisindvo.

Sikala kwesindza ngesikali-masimama bese sisindvo sisikala ngesikali-magcuma.

Ilitha yemanti inekwesindza kwa 1 kg.

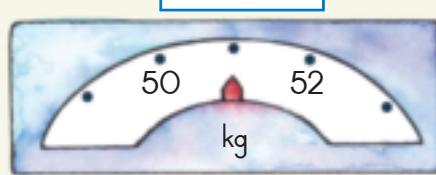
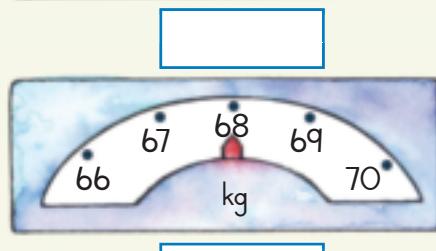
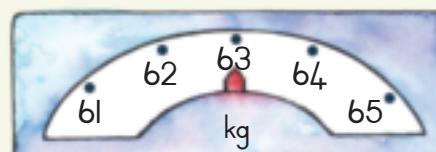
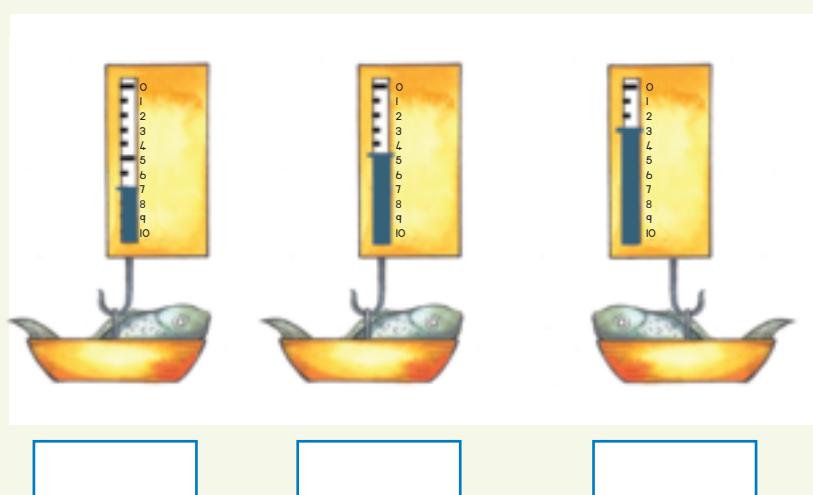


Lenhlanti inesisindvo sa 3 kg.



Tfola sisindvo saloku.

Bhala sisindvo ngema kg lakhonjiswa kuleso naleso sikali-magcuma.

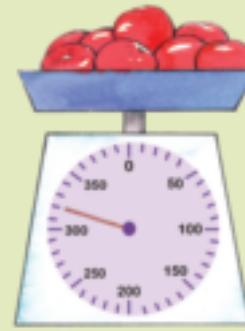




Sisebentisa emagremu kukala kwesindza kwetintfo letincane noma letimelula nekukala emafrakishini elikhilogremu.

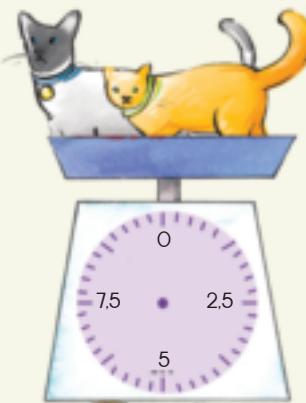
$$1000 \text{ g} = 1 \text{ kg}$$

Kulesikali-magcuma, umugca lomncane ngamunye ungu **10 wemagremu** esisindvo. Lamamatasi angu 320 wemagremu.

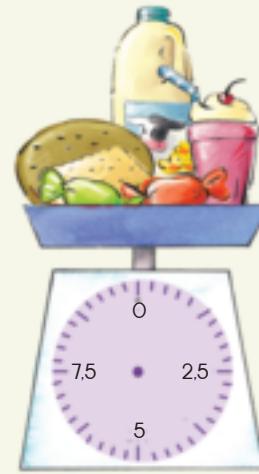


## Kwesindza kanganani?

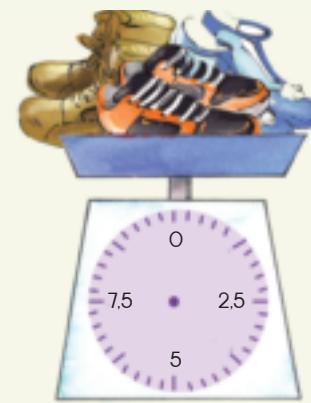
Dweba lapho butjoki kufute buye khona sonkhe sikhatsi esikalini.



**7 kg**



**4 kg**



**6 kg**



## Yenta likhilogremu

Hlanganisa uchubeke kwenta 1 kg (1 000 g)

- $125 \text{ g} + 250 \text{ g} + 125 \text{ g} + \underline{\hspace{2cm}} \text{ g} = 1000 \text{ g} (1 \text{ kg})$
- $50 \text{ g} + 30 \text{ g} + 240 \text{ g} + 60 \text{ g} + 100 \text{ g} + \underline{\hspace{2cm}} = 1 \text{ kg}$
- $57 \text{ g} + 46 \text{ g} + 243 \text{ g} + 334 \text{ g} = \underline{\hspace{2cm}} = 1000 \text{ g} (1 \text{ kg})$
- $50 \text{ g} + 90 \text{ g} + 160 \text{ g} + \underline{\hspace{2cm}} = 1000 \text{ g} (1 \text{ kg})$



103

Lusuku:

.....



## Tinombolo 900 kuya ku 1 000

Ithemu 4



Bala ubhale.

- a. Sebentisa lelishathi lelilandzelako kukusita ubale kusuka ku 900 kuye ku 1 000. Shano letinombolo usabala.

900



901		903						910
							919	
		943					948	
981								
991							999	

b. Bhala tinombolo letishiyekile kulegridi ngetulu.

c. Bhala letili-10 tinombolo letita emva kwa 900.

900; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

d. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo 2.

946; 948; 950; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

e. Bhala tonkhe tinombolo ngephethini yabo 2 kusuka ku 945 kuye ku 967.

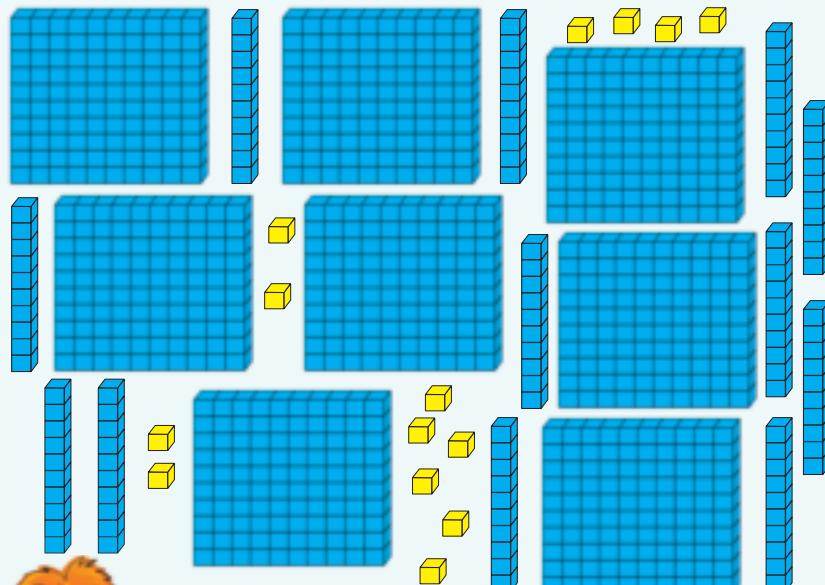
945; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; 967

f. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo 5.

936; 941; 946; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



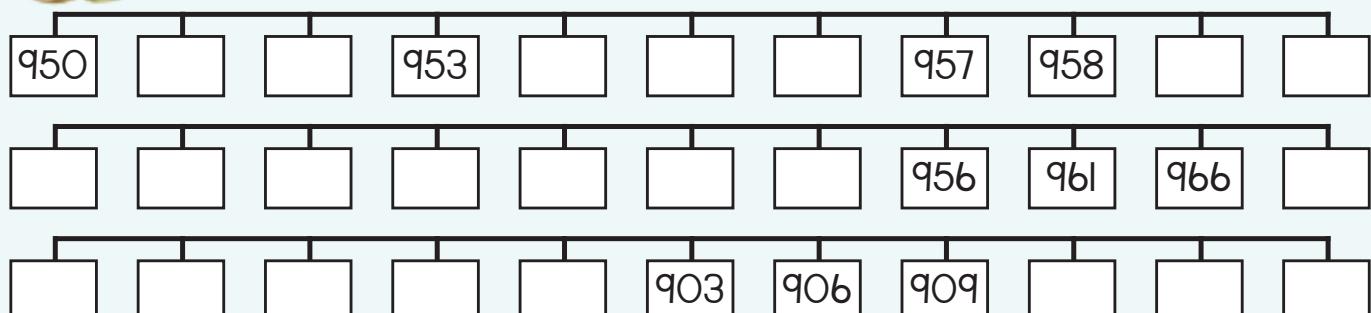
Ubale mangakhi emabhuloki?



Uwabale njani lamabhuloki?



Cedzela imigca-nombolo.



Cedzela  
lithebula.

Bhala kusuka kulokuncane  
kakhulu kuya kulokukhulukati.

Bhala kusuka kulokukhulukati  
kuye kulokuncane kakhulu.

936, 933, 935, 931, 937

978, 907, 970, 917, 971



Teacher:  
Sign:  
Date:



Bhala lokulandzelako ngemagama.

695

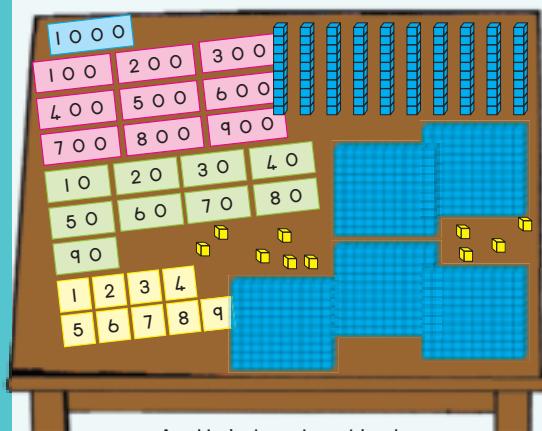
11 12 13 14 15 16 17 18 19 20

104

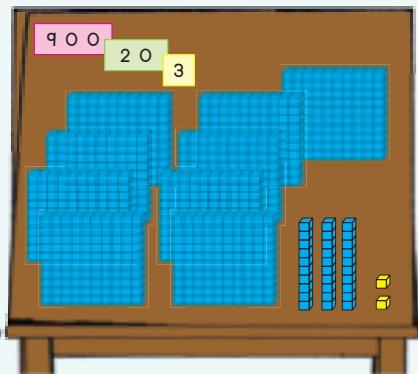
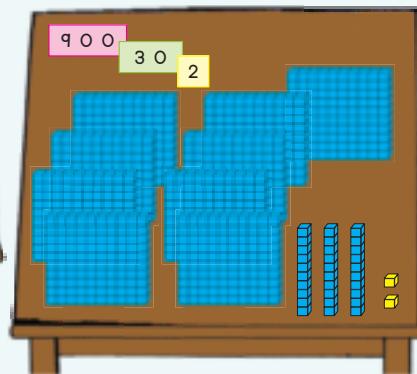
## Kabantu ngetinombolo kusuka ku 900 kuya ku 1 000

Lusuku:

Ithemu 4



Andile bekanalamakhadi  
emandla-sikhundla lalandzelako  
nemabhuloki lalishumi.

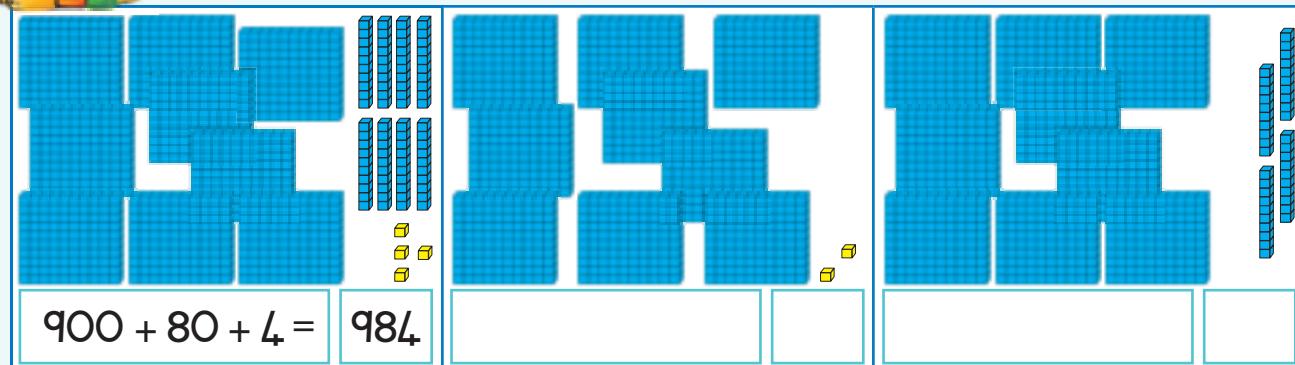


Thishela wacela Andile kutsi  
akhombise 932 ngemakhadi  
akhe nangemabhuloki.

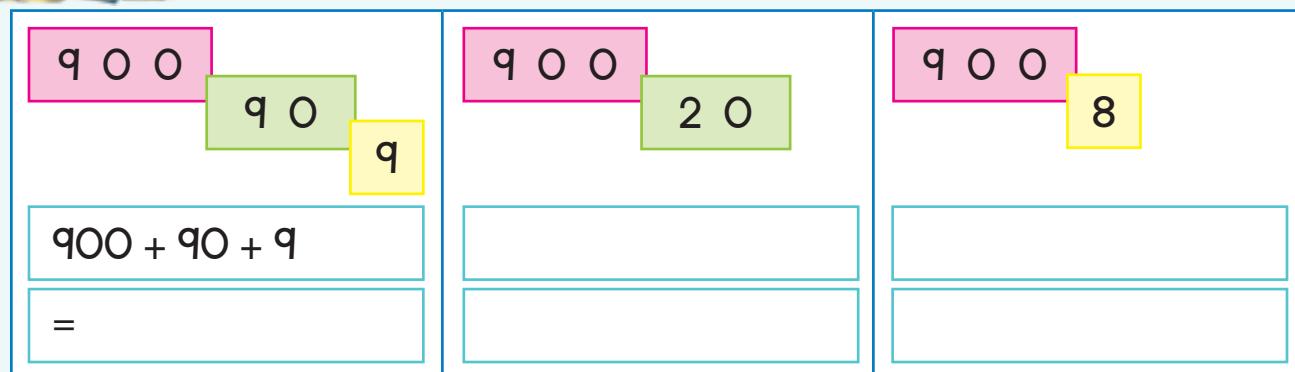
Naku lokwakhonjisa nguGugu.  
Uphazame kuphi?

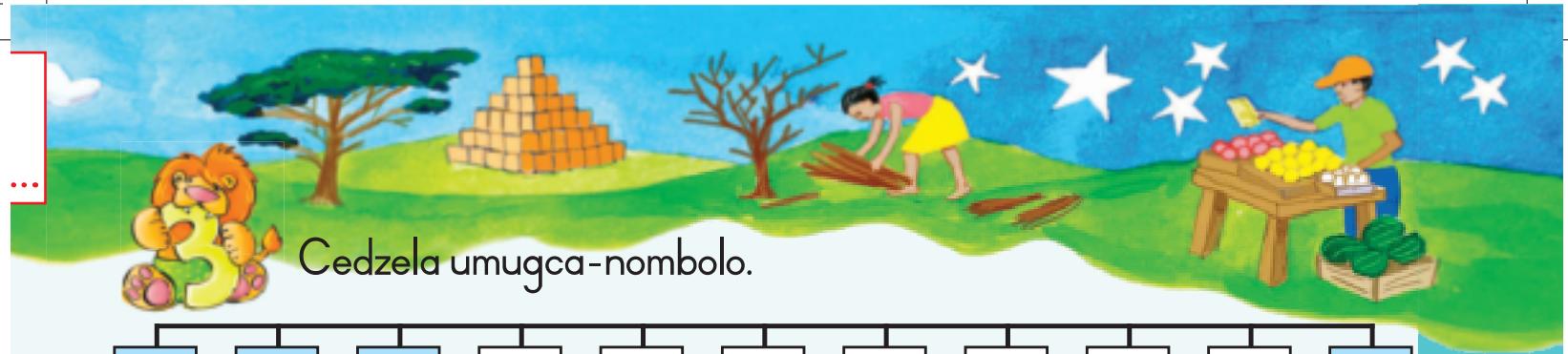


Bhala umusho-nombolo bese ubhala imphendvulo.



Bhala umusho-nombolo bese ubhala imphendvulo.





Cedzela umugca-nombolo.

989    990    991                                999

Nginikete tonkhe tinombolo letincane kuna 995. \_\_\_\_\_

Nginikete tonkhe tinombolo letinkhulu kuna 995. \_\_\_\_\_



Gcwalisa <, > noma.

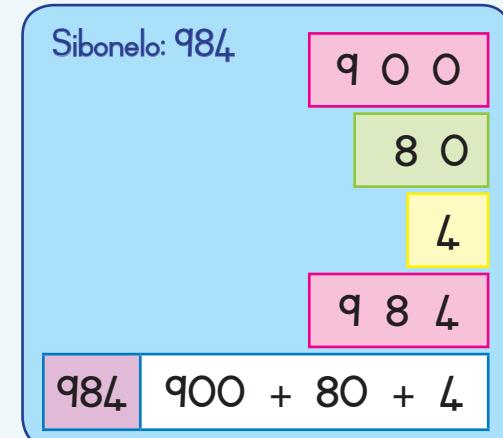
- a. 999  998      b. 957  975  
c.  $900 + 60 + 1$   961



Vutfuta inombolo yakho.

- a. Yakha inombolo ngayinye ngemakhadi akho.  
b. Bhala emandla aleyo naleyo inhlavu-nombolo. Nyalo yenta loku: Vutfuta inombolo yakho.

922	
959	
980	
907	
931	



Bhala tinombolo-magama.

976	
905	
950	
821	
909	



11 12 13 14 15 16 17 18 19 20

105

## Kuhlanganisa nekususa kuye ku 999

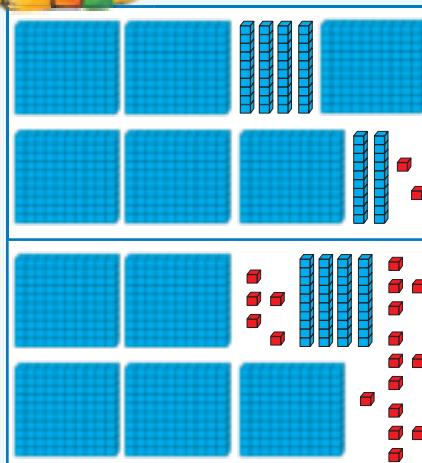
Lusuku:

.....

Ithemu 4

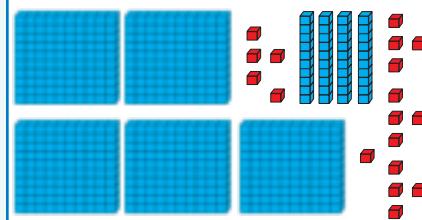


Bhala umusho-nombolo waloko naloko.



Chaza kutsi uwabale njani emabhuloki?

\_\_\_\_\_



Chaza kutsi uwabale njani emabhuloki.

\_\_\_\_\_



Sebentisa sibonelo kukucondzisa.

5 0

5 0

imphindza-mbili ya  
50 ngu 100

3 0 0

3 0 0

2 0 0

2 0 0

3

3



Sebentisa basamphindza-mbili kusombulula lokulandzelako.  
Sebentisa sibonelo kukucondzisa.

a.  $43 + 44 =$

phindza  $43 + 1$

$43 + 43 + 1 = 87$

b.  $81 + 41 =$

c.  $40 + 41 =$

d.  $66 + 67 =$



Sebentisa bomphindza-mbili noma  
bosamphindza-mbili kusombulula lokulandzelako.  
Sebentisa sibonelo kukucondzisa.

a. Phindza 340

$$= 340 + 340$$

$$= \text{Phindza } 340$$

$$= 300 + 300 + 40 + 40$$

$$= 600 + 80$$

$$= 680$$

b.  $340 + 341$

$$= \text{Phindza } 340 + 1$$

$$= 300 + 300 + 40 + 40 + 1$$

$$= 600 + 80 + 1$$

$$= 681$$

c.  $470 + 470$

d.  $461 + 462$



Sombulula lokulandzelako:



BeLibanga 2 bacokelele 360 wetimabula.

BeLibanga 3 bana 216 wetimabula ngaphasi kwabeLibanga 2.

Tingakhi timabula beLibanga 3 labanato?



Lusuku:



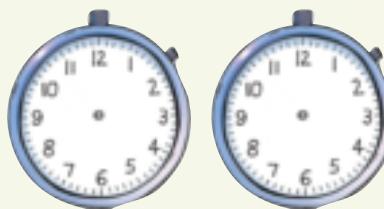
Lilanga lekubhaka.

Ncane Phindi ubhaka likhekhe ku-avini yakhe.

Khombisa sikhatsi kulamawashi.

Ufaka likhekhe ngakota phasi 4.

Ukhipha sinkhwa ngemizuzu lesihlanu emva kwensimbi yesihlanu.



Litsetse sikhatsi lesinganani likhekhe kuvutfwā?

Make wa-Ana usebentisa imakhovevi avini. Iyasheshisa.

Nyalo nje ngu 16:30. Bukisisa lesikhatsi sekupheka lesikhonjwe ewashini lemakhovevi avini.



Litawuvutfwā nini lelikhekhe?

Isheshisa kanganani imakhovevi avini kundalena lenye i-avini? \_\_\_\_\_ imizuzu.



Imisebenti yekuseni.



NgeMgcibelo ekuseni Musa naPalesa basita unina ekhaya.

Utsatsa sikhatsi lesinganani umsebenti ngamunye?

	Cala	Cedza	Sikhatsi lesinganani?
Kwenta sidlo sekuseni	6:15	6:40	
Geza titja	7:20	8:05	
Hlobisa likhishi	8:20	9:15	
Hlobisa indlu yemgezelō	10:00	10:25	
Hlobisa emakamelo	11:30	12:15	



## Nisela ingadze.

Litfumbu lemanti lingasebentisa kufika ku **30 emalitha**  
emanti nga **1 imizuzu!**

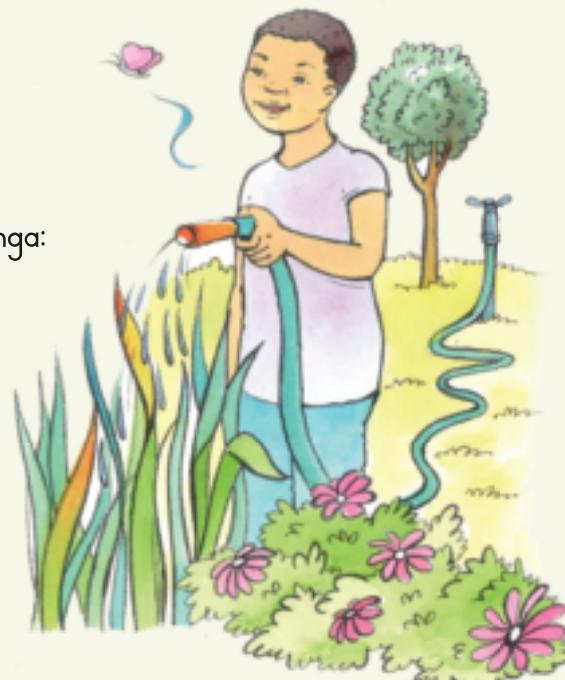
Mangakhi emalitha emanti litfumbu lelingawasebentisa nga:

2 imizuzu \_\_\_\_\_ emalitha.

$2\frac{1}{2}$  imizuzu \_\_\_\_\_ emalitha

5 imizuzu \_\_\_\_\_ emalitha

10 imizuzu \_\_\_\_\_ emalitha.



## Kupheka khali.

Babe waBusa wenta abuye atsengise khali. Ngeliviki linye, usebentisa 750 ml we-oyili.

Ubhala phasi linani le-oyili lalisebentisa lilanga ngalinye.

uMsmb	Lesb	Lests	Lesn	Leshl	uMgc	Lis
98 ml	122 ml	108 ml	117 ml	109 ml	135 ml	?

a. Usebentisa mangakhi emamililitha (ml) a-oyili kusukela ngeMsombuluko kuze  
kube nguMgcibelo? \_\_\_\_\_ ml

b. Usebentisa mangakhi emamililitha (ml) a-oyili ngeliSontfo? \_\_\_\_\_ ml

c. Libhodlela la-oyili linye lelingemamililitha langu 750 (ml) libita R18,50.

Abita malini emabhodlela lama 4? \_\_\_\_\_.

Hlolisia!  
Catsanisa! Lungisa!



107

Lusuku:

Ithemu 4

## Kusebenta ngemali



Bala buhhehlu nemaphepha.

$10 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$
$100 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$
$100 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	

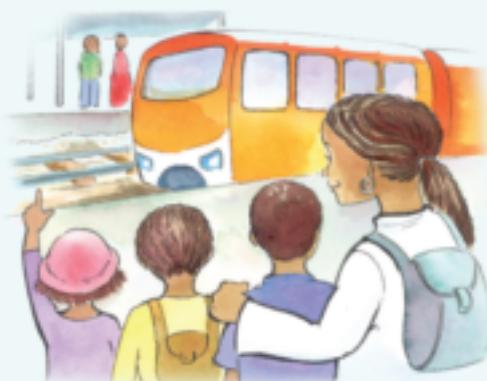


Luhambo lwestimela.

Kgethi nebantfwana bakhe laba-3 bagibela sitimela.

Labadzala nebantfwana babhadala ngekufana.

Kgethi ubhadala ngemaphepha.



Utfola R30 intjintji.

Yini intsengo yaku-l lefakwe lumphawu (✓)? Faka lumphawu emphendvulweni lengiyo:

- a. R90        b. R32        c. R80        d. R45,50

Hlolisa!  
Catsanisa!  
Lungisa!



## Spaza saSandile.



Sandile ubhala emanani emali layitfolako ngelithebula.

Ucale ente silinganiso, bese uyakhakhuletha abale imali yakhe

lengena malanga onkhe. Imali lengenako yimali lesiyiholako noma lesiyemukelako.

Sita Sandile kucedzela kubala kwakhe kwekukhakhuletha. Bhala timphendvulo takho ethebuleni:

	Silinganiso	Samba
UMsombuluko	R50 + R75 + R200 + R350 + R25	
Lesibili	R25 + R175 + R50 + R320 + R90	
Lesitsatfu	R50 + R75 + R200 + R350 + R25	
Lesine	R120 + R55 + R180 + R245 + R25	
Lesihlanu	R60 + R150 + R140 + R200 + R125	
UMgcibelo	R50 + R75 + R200 + R350 + R25	
Lisontfo	R50 + R75 + R200 + R350 + R25	



## Bala kahle intjintji.

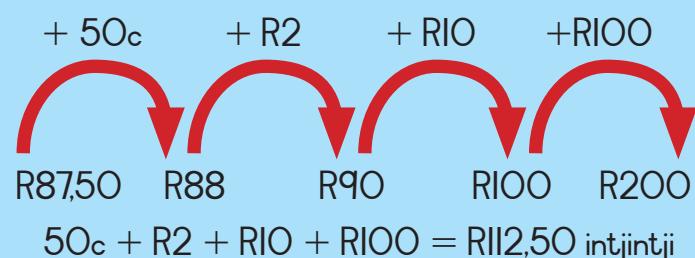
Kutfola intjintji yakho ungaahlanganisa uchubeke kusuka kulentsengo yetintfo kuye emalini yemaphepha loyikhiphako.

Sibonelo:

Palesa utsenga kudla nga R87,50.

Ubhadala nga R200 weliphepha.

Ngumalini intjintji yakhe?



Sebentisa imigca-nombolo kukusita ubale kahle intjintji.

Intsengo: R229,40



Bhadala  
nga:

Intsengo: R305,60



Bhadala  
nga:



## Siyachubeka ngekuhlanganisa nekususa kufika ku 999



Ase sisombulule lesibalo-nkinga.

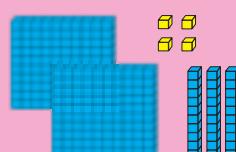
Gugu ucokelele 234 wetinanyatsiselo.

Mandla umnike 501 wetinanyatsiselo ngetulu.

Tingakhi tinanyatsiselo lase anato-ke nyalo?



Naku Lisa lakwentile  
kusombulula inkinga yaGugu.



Utsini umbuto?

Tingakhi tinanyatsiselo lase anato-ke nyalo?

Litsini ligama-nsika? ngetulu

Ngutiphi letinombolo? 234 na 501

Ase sikhombise loku ngemabhaluki etfu  
esisekelo-shumi.



Naku lokwentiwe ngu-Aakar.

Wente umdvwebo.

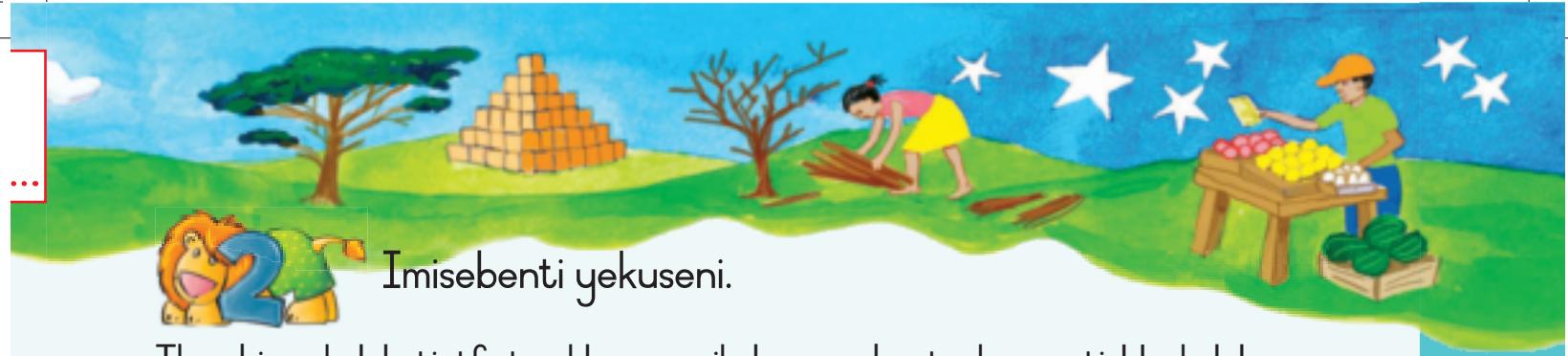


Kubeka emabhaluki esisekelo-shumi kwaLisa kufana kanjani nemdvwebo wa-Aakar.

Sebentisa lenombolo kusombulula lesibalo-nkinga kusombulula ngentasi usebentisa letindlela  
letimbili lotifundzile kungumanje.

Indlala 1

Indlala 2



Imisebenti yekuseni.

Thembi ucokelela tintfo temklamo wesikolo wensebenta-kanyenti. Ucokelele 624 wemabhodlela epulasitiki na 268 wetikotela. Tingakhi tintfo lase aticokelele?

Utsini umbuto?

Ngutiphi letinombolo?	Litsini ligama-nsika? Faka lumphawu emphendvulweni lengiyo. Ligama-nsika lisitjela kutsi:  Hlanganisa      Susa
Yenta umdvwebo.	Sebentisa yakakho indlela kusombulula lesibalo-nkinga.

Sitolo besina 900 emapaka ashukela. Emva kwe kutsengisa lamanye emapaka, sitolo saba na 659 wemapaka ashukela lasele. Mangakhi emapaka lesawatsengisa?

Utsini umbuto?

Ngutiphi letinombolo?	Litsini ligama-nsika? Faka lumphawu emphendvulweni lengiyo. Ligama-nsika lisitjela kutsi:  Hlanganisa      Susa
Yenta umdvwebo.	Sebentisa yakakho indlela kusombulula lesibalo-nkinga.



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# Kuhlanganisa

## nekususa kufika ku 999 njalo

Lusuku:

Ithemu 4

Bukisia lemidvwebo ujichaze.



Cedzela lokulandzelako:

- a.  $223 + 223 =$  \_\_\_\_\_.
- b.  $160 + 160 =$  \_\_\_\_\_.
- c.  $115 + 115 =$  \_\_\_\_\_.
- d.  $315 + 315 =$  \_\_\_\_\_.

- e.  $117 + 117 =$  \_\_\_\_\_.
- f.  $450 + 450 =$  \_\_\_\_\_.
- g.  $112 +$  \_\_\_\_\_  $= 224.$
- h.  $116 +$  \_\_\_\_\_  $= 232.$



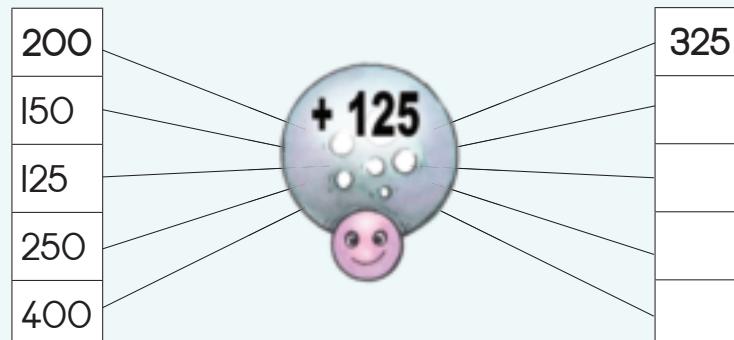
Bhala tinombolo

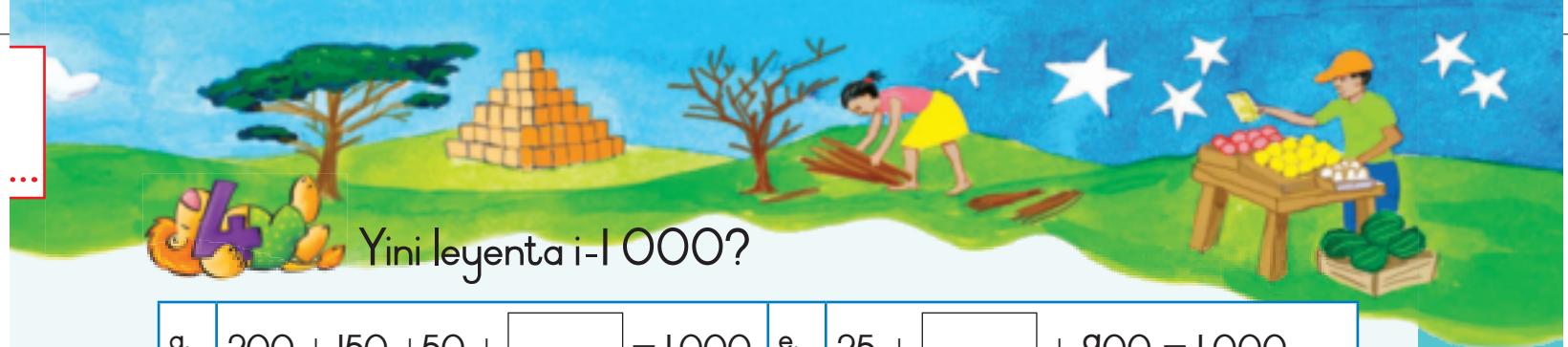
- a. 12 ngetulu kwa 523 ngu \_\_\_\_\_.
- b. 15 ngaphasi kwa 540 ngu \_\_\_\_\_.
- c. 20 ngetulu kwa 576 ngu \_\_\_\_\_.
- d. 60 ngaphasi kwa 590 ngu \_\_\_\_\_.

- e. 537 unciphise nga 29 ngu \_\_\_\_\_.
- f. Ihhafu ya 300 ngu \_\_\_\_\_.
- g. Mphindza-mbili wa 420 ngu \_\_\_\_\_.
- h. Ihhafu ya 600 ngu \_\_\_\_\_.



Hlanganisa 125





Yini leyenta i-1 000?

a.	$200 + 150 + 50 + \boxed{\phantom{00}} = 1000$	e.	$25 + \boxed{\phantom{00}} + 900 = 1000$
b.	$1000 = 560 + \boxed{\phantom{00}} + 400$	f.	$\boxed{\phantom{00}} + 700 + 50 = 1000$
c.	$670 + \boxed{\phantom{00}} = 1000$	g.	$1000 = 420 + \boxed{\phantom{00}} + 500$
d.	$910 + 40 + \boxed{\phantom{00}} = 1000$	h.	$\boxed{\phantom{00}} + 30 + 900 = 1000$

Tfola iminden-i-nombolo yabo + na –

Sibonelo:  $125 + 600 = 725$     $725 - 125 = 600$     $725 - 600 = 125$



$123 + 77 = \boxed{\phantom{00}}$	$\boxed{\phantom{00}} - 77 = 123$	$\boxed{\phantom{00}} - 123 = 77$
$650 + \boxed{\phantom{00}} = 800$	$800 - 650 = \boxed{\phantom{00}}$	$\boxed{\phantom{00}} + 650 = 800$
$1000 - 250 = \boxed{\phantom{00}}$	$1000 - \boxed{\phantom{00}} = 250$	$250 + \boxed{\phantom{00}} = 1000$
$56 + \boxed{\phantom{00}} = 300$	$300 - \boxed{\phantom{00}} = 56$	$\boxed{\phantom{00}} + 56 = \boxed{\phantom{00}}$
$820 + \boxed{\phantom{00}} = 1000$	$1000 - \boxed{\phantom{00}} = 820$	$1000 - 820 = \boxed{\phantom{00}}$

Hholisa!  
Catsanisa!  
Lungisa!

Hlanganisa ubuye ususe emashumi nemakhulu

a. Emashumi nemakhulu



$78 + 10 =$	$149 + 10 =$	$456 + 100 =$	$987 + 10 =$
$636 + 100 =$	$801 + 100 =$	$727 + 100 =$	$612 + 10 =$
$456 - 10 =$	$749 - 100 =$	$829 - 100 =$	$987 - 10 =$
$875 + 10 =$	$709 - 100 =$	$815 + 10 =$	$903 - 100 =$

b. Emashumi lagcwéle (Timphindza ta 10)

$150 - 30 =$	$190 - 60 =$	$175 - 50 =$	$990 - 80 =$
$210 + 90 =$	$335 + 60 =$	$660 + 50 =$	$812 + 60 =$
$256 - 50 =$	$320 - 30 =$	$785 - 60 =$	$999 - 90 =$
$567 + 37 =$	$671 + 90 =$	$832 + 80 =$	$928 + 80 =$

Sombulula lokulandzelako:

$$925 + 53 = \boxed{\phantom{00}} \quad 571 + 202 = \boxed{\phantom{00}} \quad 786 + 75 = \boxed{\phantom{00}} \quad 903 + 95 = \boxed{\phantom{00}}$$



11 12 13 14 15 16 17 18 19 20

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Lusuku:

Ithemu 4

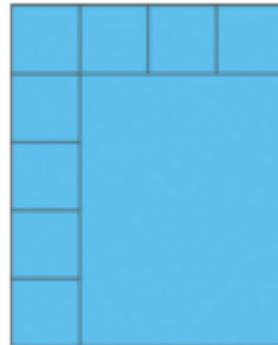


### Tfola i-eriya

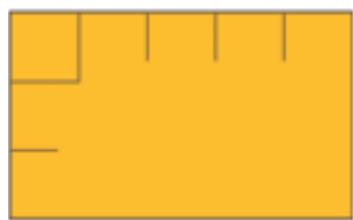


Tingakhi tikwele talesayizi  lotidzingako kuvala yilili sakhiwo ngasinye?  
Sebentisa yakakho indlela kutibala kahle. Ungadvweba tikwele etitfombeni kukusita  
ubale kahle.

a.



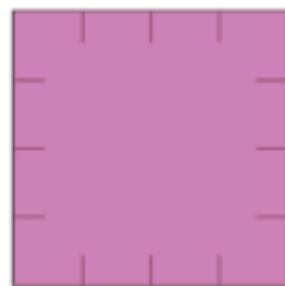
b.



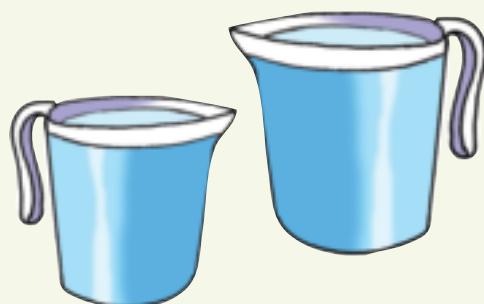
c.



d.



### Sombulula lesiphicwano



Ufunu kukala kahle ngco 4 emalitha emanti.

Unakubili jwi kwekuphatsa: kune kuphatsa 3 emalitha bese  
loku lokunye kuphatsa 5 emalitha. Utakwenta njani?

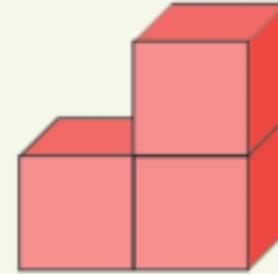
Licebo: kunatimbili tindlela cishe longatisebentisa.



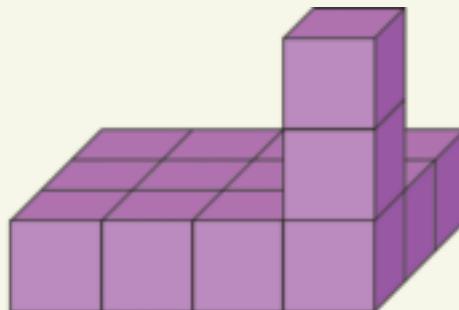
## Ubonani?

Emabhuloki lamatsatfu ananyatseliswe ndzawonye njenga kulesitfombe.

Uma uphakamisa lamabhuloki lahlanganiswe ndzawonye tingakhi tikwele longatibala ngephandle? \_\_\_\_\_



## Bala emakhyubhu



Mangakhi emakhyubhu lakakha lobunjwa?

\_\_\_\_\_



## Insayeya: siphicwano sesikhatsi.

Hlolisa!  
Catsanisa!  
Lungisa!

Unatimbili tincopha-sikhatsi tesihlabatsi.

Yinye ikala ngco 7 wemizuzu bese lena lenye ikale ngco 11 wemizuzu.

Ungatisebentisa tincopha-sikhatsi kutfola kahle nase kwengce 15 wemizuzu ngco?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



11 12 13 14 15 16 17 18 19 20  
||||| ||||| ||||| ||||| ||||| |||||



## Emaphethini nombolo: emashumi kufika ku 900

Lusuku:

.....

Ithemu 4

Ase sibale ngemashumi kusuka ku 810 kuye ku 900.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900



Phethini yini lesikhonjiswa tinombolo letibiyelwe?

Letibiyelwe ngalokubovu: Kubala ngabo \_\_\_\_\_.

Bhala phasi lephethini: \_\_\_\_\_

Letibiyelwe ngalokuluhlata: Kubala ngabo \_\_\_\_\_.

Bhala phasi lephethini: \_\_\_\_\_



Khakhuletha.

a. $874 + 10 + 10 + 10 =$ _____	b. $858 - 10 - 10 - 10 - 10 =$ _____
c. $845 + 10 + 10 =$ _____	d. $858 - 10 - 10 - 10 =$ _____
e. $836 + 10 =$ _____	f. $866 - 10 - 10 =$ _____
g. $892 + 10 + 10 + 10 =$ _____	h. $87 - 10 - 10 - 10 =$ _____
i. $880 + 10 + 10 =$ _____	j. $855 - 10 =$ _____



## Tingakhi tindvuku?

Kunelishumi letindvuku enyandzeni

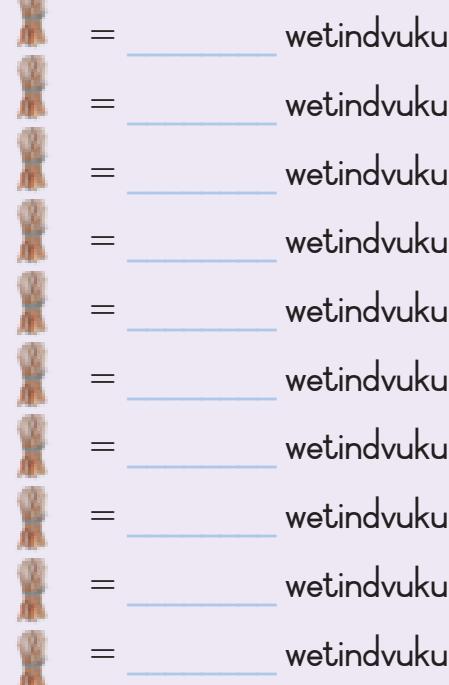


wetindvuku



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

10      wetindvuku  
20      wetindvuku  
30      wetindvuku  
40      wetindvuku  
50      wetindvuku  
60      wetindvuku  
70      wetindvuku  
80      wetindvuku  
90      wetindvuku  
100     wetindvuku



## Emahele etindvuku.

Kunelishumi letinyandza tetindvuku eluheleni = 100 tindvuku

1 emahele a 10 tinyandza = 100 tindvuku



$$10 \times 10 = 100$$

2 emahele a 10 tinyandza = \_\_\_\_\_ tindvuku

$$20 \times 10 = _____$$

4 emahele a 10 tinyandza = \_\_\_\_\_ tindvuku

$$40 \times 10 = _____$$

10 emahele a 10 tinyandza = \_\_\_\_\_ tindvuku

$$100 \times 10 = _____$$



700 wetindvuku wenta \_\_\_\_\_ tinyandza.

900 wetindvuku wenta \_\_\_\_\_ tinyandza

1000 wetindvuku wenta \_\_\_\_\_ tinyandza.



112

Lusuku:

## Kusonga usondzete eshumini

Ithemu 4

Sesikwentele lokunye kusonga sisondzete eshadini lekusebentela lelengcile. Bukisisa lomugca-nombolo bese uchazela umngani wakho kutsi utawusonga kanjani usondzete eshumini lelisedvute.



Khumbula kubukisisa emayunithi nawusonga usondzeta ku 10 losedvute.



Songa usondzete ku 10 losedvute.



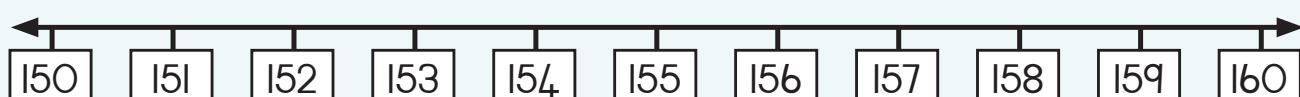
114 nakasongiwe ngu? \_\_\_\_\_

117 nakasongiwe ngu? \_\_\_\_\_



159 nakasongiwe ngu? \_\_\_\_\_

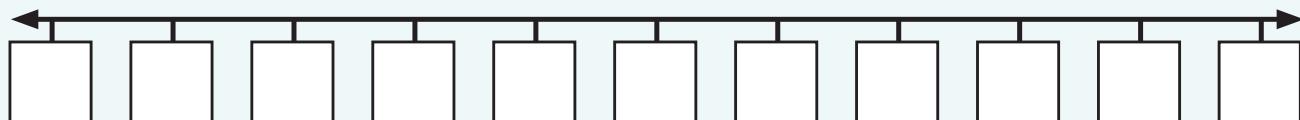
151 nakasongiwe ngu? \_\_\_\_\_



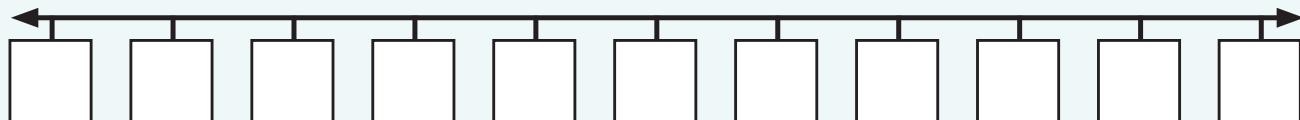
Songa kuye ku 10 losedvute.

Dvweba wakakho umugca-nombolo.

195



945



100

1 2 3 4 5 6 7 8 9 10



## Songa usondzete kunombolo 10 lesedvute.



Ungakasongi:

- bhala phasi kutsi lenombolo lotayisonga isemkhatsini watiphi tinombolo letimbili telishumi.
- khombisa ngebutjoki lobuncama lapho inombolo itawusongwa khona emgceni nombolo.

a. 128 nakasongwa ayiswa eshumini lelisedvute ngu 130



b. 877



c. 901



d. 566



e. 999



## Songa letinombolo letilandzelako tiye ku 10 losedvute.

















## Ngidzinga bangakhi bo RIO labaliphepha?

Mbali nebangani bakhe labasi-8 bayu emcimbini wekutijabulisa esikolweni.

Lomgidvo ubita R4 umuntfu amunye. Mbali wonge imali wakhetsa kubhadalela bangani bakhe. Uye ku-ATM kuyowukhipha imali. Le-ATM ikhipha imali lemaphepha nje kuhphela. Udzinga bangakhi bo RIO labamaphepha?



113

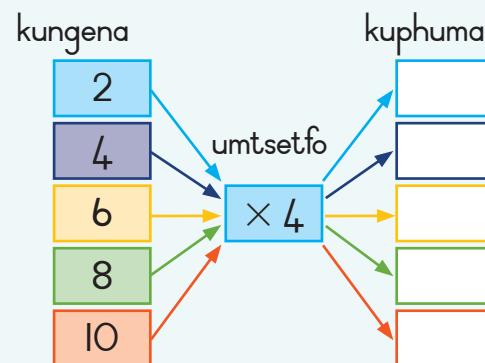
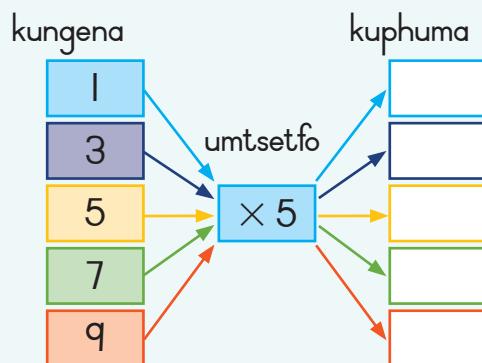


## Lusuku:

**nekwehlukanisa: tihlanu kufika ku 100**



## Cedzela lelithebula lelingantasi:



## Cedzela lelithebula lelingantasi:



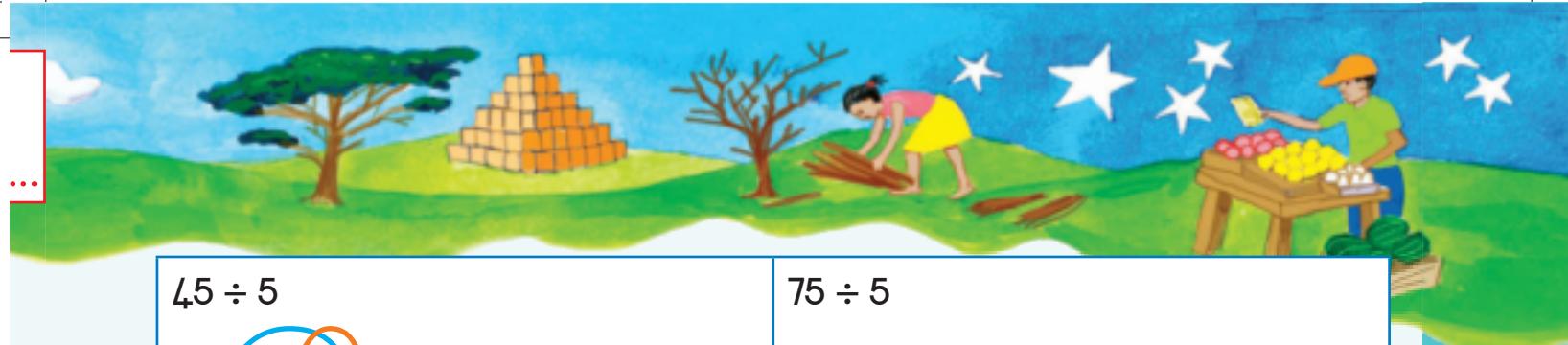
## Khakhuletha:

$$\begin{aligned} & 12 \times 5 \\ &= (10 + 2) \times 5 \\ &= 50 + 10 \\ &= 60 \end{aligned}$$

11 x 5

$$\begin{aligned} & |3 \times 5 \\ &= (|0 + 3) \times 5 \\ &= 50 + |5 \\ &= 50 + 10 + 5 \\ &= 65 \end{aligned}$$

|3 x 5



$$45 \div 5$$

$$= (40 + 5) \div 5$$

$$= (45 \div 5) + (5 \div 5)$$

$$= 8 + 1$$

$$= q$$

$$75 \div 5$$

$$48 \div 5$$

$$= (40 + 8) \div 5$$

$$= (40 \div 5) + (8 \div 5)$$

$$= 8 + 1 \text{ umsa} \text{ela } 3$$

$$= q \text{ rem } 3$$



Sombulula tibalo-nkinga letilandzelako:

Ingadze yetibhidvo ina 14 wemahele etitjalo.

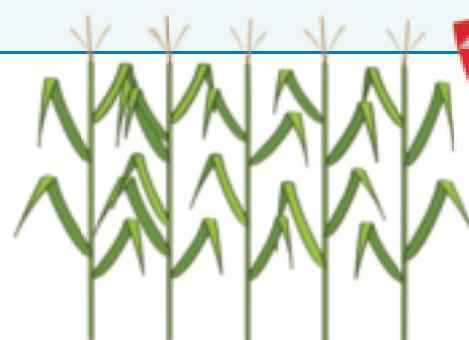
Luhele ngalunye lunelinani lelifanako letitjalo.

Uma kunesamba sa 70 wetitjalo, tingakhi titjalo letikhona luhele ngalunye?

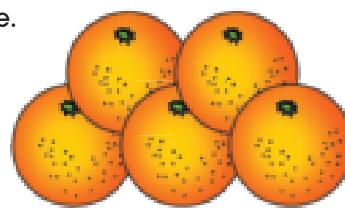
David utsengisa emasaka lanesihlanu sema-orintji lilinye.

Una 85 ema-orintji.

Mangakhi emasaka langawagcwalisa?



Teacher: Sign:
Date:



## Emaphethini nombolo: tihlanu kufika ku 1 000

Ithemu 4

Ase sibale ngetihlanu kusuka ku 805 kuye ku 900.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900



Phethini yini lesiyikhonjiswa tinombolo letibiyelwe?

Letibiyelwe ngalokulingangane:	Kubala ngabo _____.
Bhala phasi lephethini:	
Letibiyelwe ngalokusamsobo:	Kubala ngabo _____.
Bhala phasi lephethini:	



Khakhuletha.

a. $875 + 5 + 5 + 5 =$ _____	b. $850 - 5 - 5 - 5 =$ _____	c. $845 + 5 + 5 =$ _____
d. $830 - 5 - 5 - 5 =$ _____	e. $886 + 5 =$ _____	f. $846 - 5 - 5 =$ _____
g. $802 + 5 + 5 + 5 =$ _____	h. $801 - 5 =$ _____	i. $853 - 5 - 5 - 5 =$ _____



Libhodi letinombolo 901 kuye ku 1 000.

901		903	904	905	906		908	909	910
911		913	914	915	916		918	919	920
921		923	924	925	926		928	929	930
931		933	934	935	936		938	939	940
941		943	944	945	946		948	949	950
951		953	954	955	956		958	959	960
961		963	964	965	966		968	969	990
971		973	974	975	976		978	979	990
981		983	984	985	986		988	989	990
991		993	994	995	996		998	999	1 000



Gcwalisa tinombolo letishiyekile.

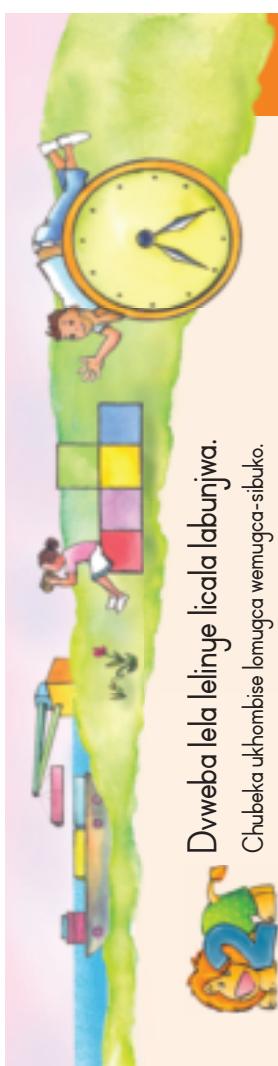
Yini umehluko emkhatsini waletinombolo letiluhlata naletisamsobo eluheleni lunye?



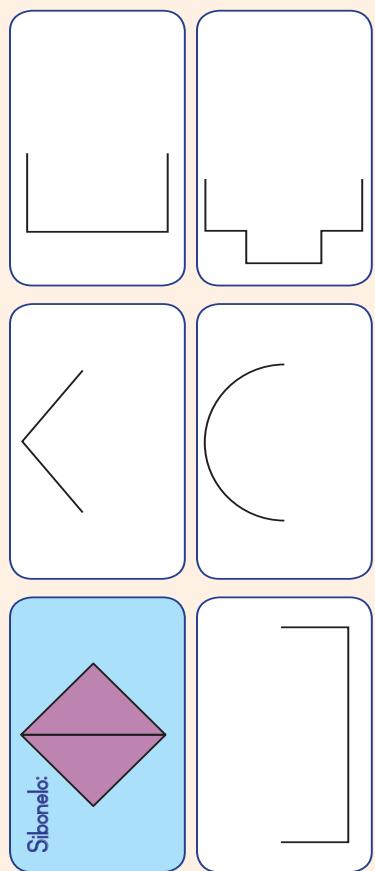
Cedzela emaphethini.

Uyayibona lephethini?	Yichaze.
963, 968, 973, 978, 983, _____	
944, 949, 954, 959, 964, _____	
921, 926, 931, 936, 941, _____	
956, 951, 946, 941, 936, _____	
982, 987, 992, 997, _____	
927, 922, 917, 912, 907, _____	

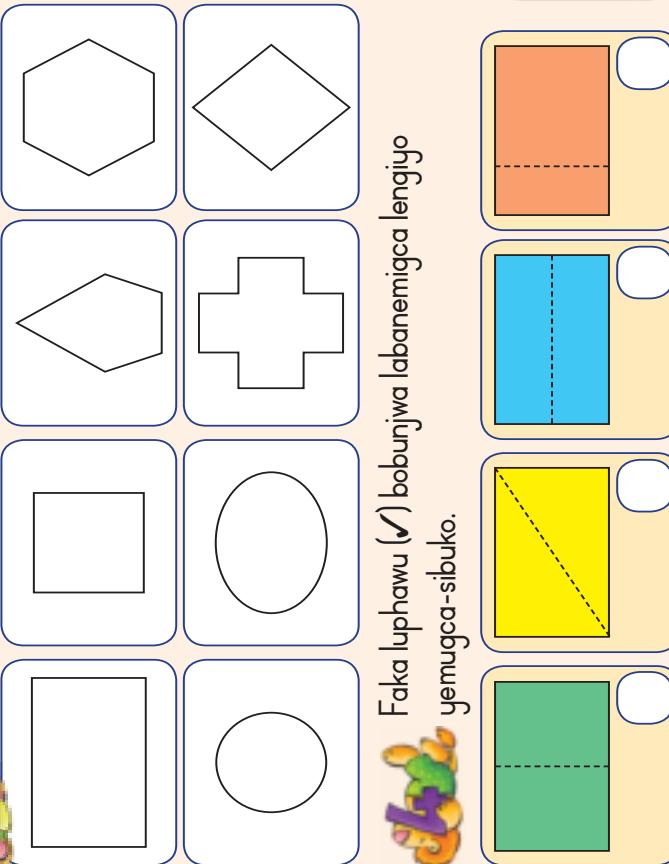




Dwweba lela lelinye licala labunjwa.  
Chubeka ukhombise lomugca wemugca-sibuko.



Dwweba imigca yemugca-sibuko kuloku lokulandzelako:

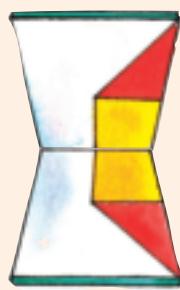


11 12 13 14 15 16 17 18 19 20



Lasuku

## Sichubeka ngemugca-sibuko



Tibuke tsekware.

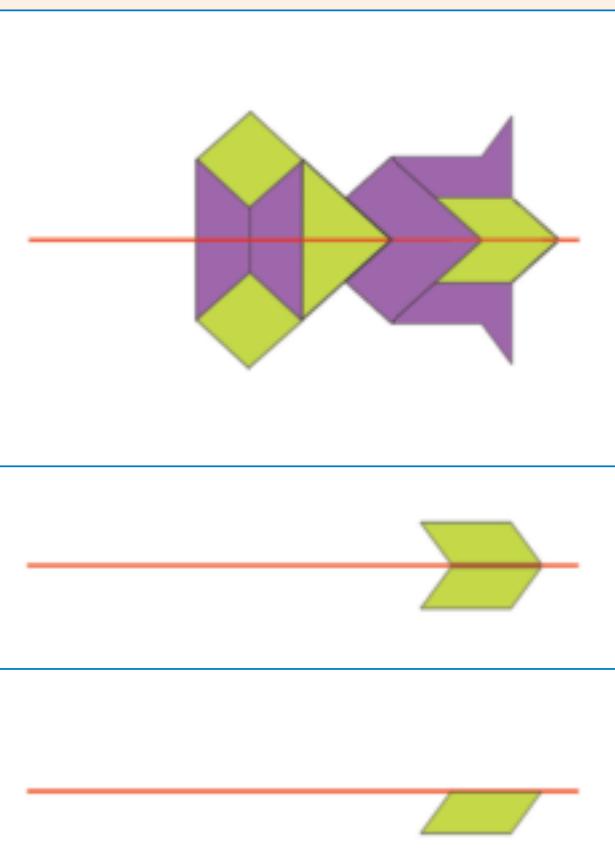
Dila nemlingani usebentisa yinje yemasethi etimpheca temathaqili (letina 14 wetincetu) kusuka kulokusikiwe 10.

Umdlali ngamunye unahhafu wetincetu [7 wetincetu] tabobunjwa bermathaqili-mpheca.  
Kute nalunye lucetu lokufute lufane nalolunye.

Dwweba umugca uhambé ngco emkhatsini weipheshana. Lokukutaba angu "mugca mafanisa".

Umdlali wekucala ubeka lunye lwetincetu takhe madvute hemugca.

Kufute lutsintse umugca nomanunye wabobunjwa lase bavele babekiye.

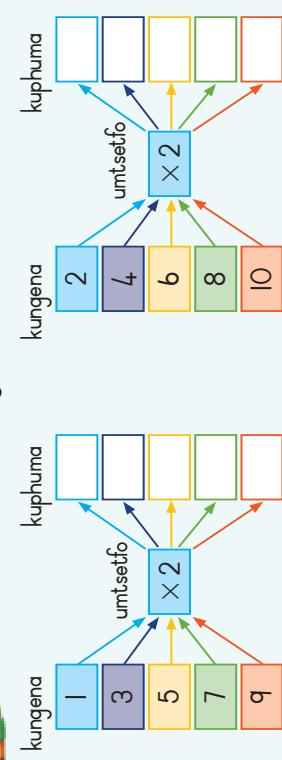


11 12 13 14 15 16 17 18 19 20



## Kuphindzaphindza nekwehlukanisa: ngakubili kufika ku 100

Cedzela lelithebula lelingantasi:



Cedzela lelithebula lelingantasi:

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



Khakhuletha:

$12 \times 2$	$11 \times 2$
$= (10 + 2) \times 2$	$= (10 + 1) \times 2$
$= 20 + 4$	$= 20 + 2$
$= 24$	$= 22$

$18 \times 2$	$22 \times 2$
$= (10 + 8) \times 2$	$= (20 + 2) \times 2$
$= 20 + 16$	$= 20 + 4$
$= 36$	$= 24$



$46 \div 2$	$74 \div 2$
$= (40 + 6) \div 2$	
$= (40 \div 2) + (6 \div 2)$	
$= 20 + 3$	
$= 23$	
$47 \div 2$	$75 \div 2$
$= (40 + 7) \div 2$	
$= (40 \div 2) + (7 \div 2)$	
$= 20 + 3$	
$= 23$	



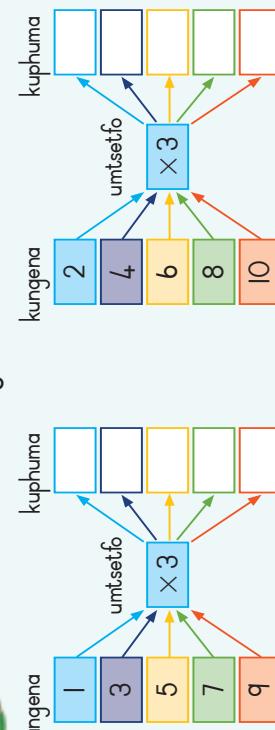
Sombulula tibalo-nkinga letilandzelako:	tomato	carrot	pepper
Inggadze yetibhidvo ine-32 emahela etijalo.	potato	green beans	cabbage
Luhela ngalunye luna 2 titjalo.	eggplant	garlic	onion
Tingakhi titjalo kulengadze?			
Inggadze yetibhidvo ine-40 emahela etijalo.			
Onke emahela anenombolo lelinganako yetijalo.			
Uma titjalo setitankhe tingema-80, tingakhi eluheleni ngalunye?			

11 **12** 13 14 15 16 17 18 19 20

111

## Kuphindzaphindza nekwehlukanisa: ngakubili kufika ku 100

Cedzela lelithebula lelingantasi:



Cedzela lelithebula lelingantasi:

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

Khakhuletha:

$$12 \times 3 = (10 + 2) \times 3 = 30 + 6 = 36$$

$$17 \times 3 = (10 + 7) \times 3 = 30 + 21 = 30 + 20 + 1 = 51$$

Sombulula tibalo-nkinga letilandzelako:

Marilyne una 30 wemaswidi.

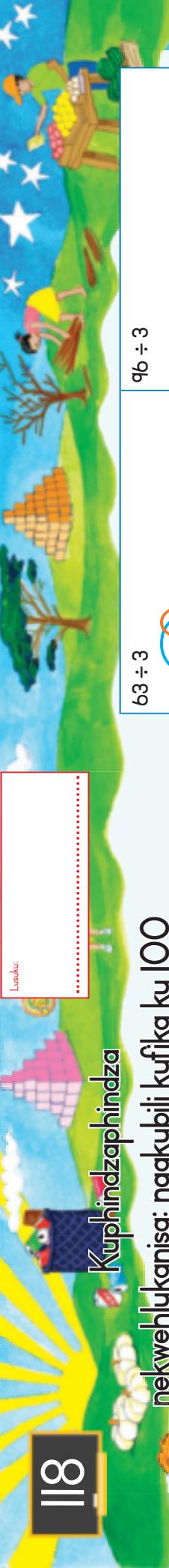
Loku kuphindzakele kalisumi kwengca loko lanako Jakobhe.

Mangakhi emaswidi lanawo Jakobhe?

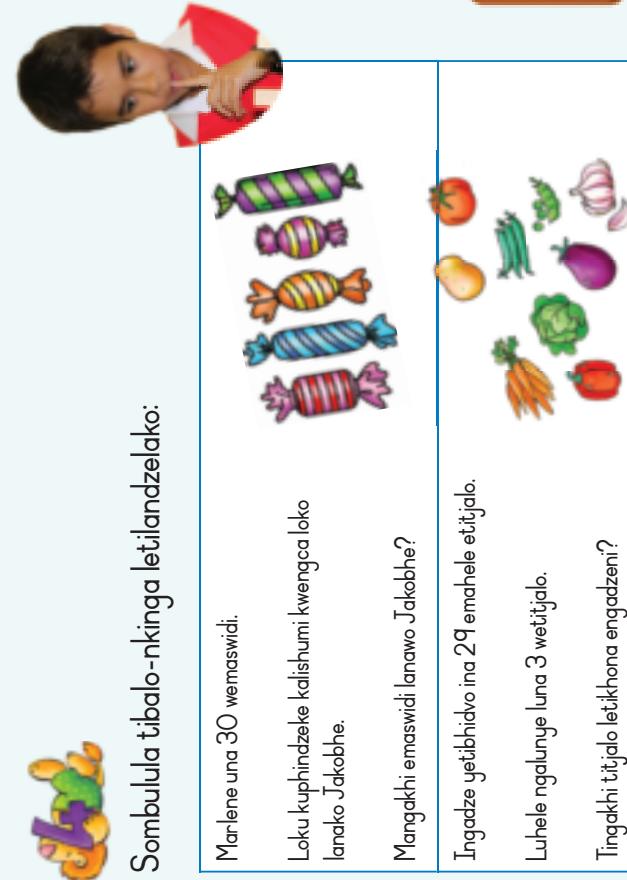
Ingadze yetibhidvo ina 29 emahale etutjalo.

Luhale ngalunye luna 3 wetutjalo.

Tingakhi titjalo letikhona engadzeni?



$63 \div 3$	$63 \div 3 = (60 + 3) \div 3 = (60 \div 3) + (3 \div 3) = 20 + 1 = 21$	$96 \div 3$
$65 \div 3$	$65 \div 3 = (60 + 5) \div 3 = (60 \div 3) + (5 \div 3) = 20 + 1 \text{ umsalela } 2 = 21 \text{ umsalela } 2$	$98 \div 3$



## Emaphethini nombolo: kutsatfu kufika ku 1 000

Ase sibale ngakutsatfu kusuka ku 803 kuyé ku 899.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900

Phethini yini lesiyikhonjiswa tinombolo letibiyelwe?



Letibiyelwe ngakutufuti: Kubala ngabó \_\_\_\_\_.

Bhala phasi lephetini:

Letibiyelwe ngakutuhata Kubala ngabó \_\_\_\_\_.

Bhala phasi lephetini:

## Khakhuletha.



- |                        |                        |                        |
|------------------------|------------------------|------------------------|
| a. $873 + 3 + 3 + 3 =$ | b. $824 - 3 - 3 - 3 =$ | c. $84 + 3 + 3 =$      |
| d. $837 - 3 - 3 - 3 =$ | e. $889 + 3 =$         | f. $846 - 3 - 3 =$     |
| g. $802 + 3 + 3 + 2 =$ | h. $819 - 3 =$         | i. $880 - 3 - 3 - 3 =$ |

Lihodi letinombolo 901 kuyé ku 1 000.

901	902	903	904	905	906	907	908	909	910
921	922	923	924	925	926	927	928	929	930
931	932	933	934	935	936	937	938	939	940
941	942	943	944	945	946	947	948	949	950
951	952	953	954	955	956	957	958	959	960
961	962	963	964	965	966	967	968	969	970
971	972	973	974	975	976	977	978	979	980
981	982	983	984	985	986	987	988	989	990
991	992	993	994	995	996	997	998	999	1 000

Gcwalisa tinombolo letishijiwe.

Faka umbala loluhata kumabhuholi etinombolo letishijiwe. Faka umbala lolovu kumabhuholi lamhophé lanetinombolo. Phethini yini loyibonaloh?

Letibiyelwe ngakutufuti:	Kubala ngabó _____.
Bhala phasi lephetini:	_____.
Letibiyelwe ngakutuhata	Kubala ngabó _____.
Bhala phasi lephetini:	_____.
<b>Cedzela emaphethini.</b>	
a. Hlanganisa 4 ngakune kuyé ku 98.	984, 987, 990, 993
b. Hlanganisa 5 ngakune kuyé ku 973.	_____
c. Susa 4 ngakune kusuka ku 975.	_____
d. Susa 3 ngakune kusuka ku 947.	_____
e. Hlanganisa 2 ngakune kuyé ku 932.	_____

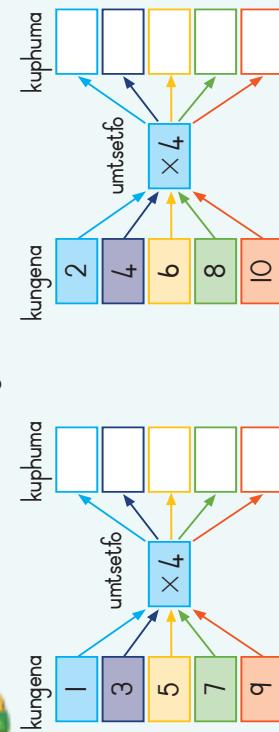
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

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# Kuphindazaphindza nekwehlukanisa: ngakune kufika ku 100

Itihemu 4

Cedzela lelithebula lelingantasi:



Cedzela lelithebula lelingantasi:

×	1	2	3	4	5	6	7	8	9	10
4										

Khakhulethā:



$$12 \times 4$$

$$\begin{aligned} &= (10 + 2) \times 4 \\ &= 40 + 8 \\ &= 48 \end{aligned}$$

$$15 \times 4$$

$$\begin{aligned} &= (10 + 3) \times 4 \\ &= 30 + 12 \\ &= 30 + 10 + 2 \\ &= 52 \end{aligned}$$

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

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

116

$$48 \div 6$$

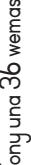
$$\begin{aligned} &= (40 + 8) \div 4 \\ &= (40 \div 4) + (8 \div 4) \\ &= 10 + 2 \\ &= 12 \end{aligned}$$

$$45 \div 4$$

$$\begin{aligned} &= (40 + 5) \div 4 \\ &= (40 \div 4) + (5 \div 4) \\ &= 10 + 1\text{umsalela} \\ &= 11\text{umsalela} \end{aligned}$$

$$49 \div 4$$

$$\begin{aligned} &= (40 + 9) \div 4 \\ &= (40 \div 4) + (9 \div 4) \\ &= 10 + 2\text{umsalela} \\ &= 12\text{umsalela} \end{aligned}$$



Sombulula tibalo-nkinga letilandzeldko:

Tony una 36 wemaswidī.

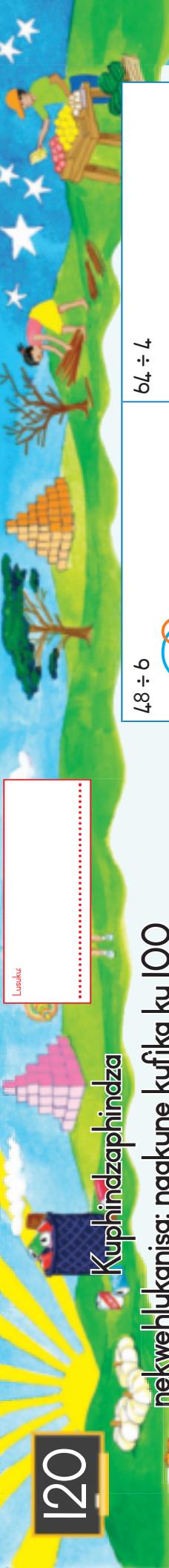
Ulla 4 wemaswidī onkhe malanga.

Mangakhi emalanga langadlangawo lamasiwidī?

David utsengisa emaphakethē lanema-orintjī lamane liphakethē ngalinyē.

Una 88 ema-orintjī.

Mangakhi emaphakethē langawagcwaisa?



## Emaphethini nombolo ngakune kufika ku 1 000

Ase sibale ngakune kusuka ku 804 kuye ku 900.

801	803	805	806	807	808	809	810
811	813	814	816	817	818	819	820
821	822	823	824	825	826	827	828
831	832	833	834	835	836	837	838
841	842	843	844	845	846	847	848
851	852	853	854	855	856	857	858
861	862	863	864	865	866	867	868
871	872	873	874	875	876	877	878
881	882	883	884	885	886	887	888
891	892	893	894	895	896	897	898

Ithemu 4

Lihodi letinombolo 901 kuye ku 1 000.

901	903	904	905	907	908	909
911	912	913	915	916	917	919
921	923	924	925	927	928	927
931	932	933	935	936	937	939
941	943	944	945	947	948	949
951	952	953	955	956	957	959
961	963	964	965	967	968	969
971	972	973	975	976	977	979
981	982	983	984	985	987	988
991	992	993	995	996	997	999

Gcwalisai timombolo letishijiwe.

Fakaumbala loluhlata kumabhloli etinombolo letishijiwe Faka umbala lobovu kumabhloli lamhlaphé lanetinombolo. Phethini yini lojibondko?



Phethini yini lesujikhonjiswa timombolo letibijelwe ?



Letibijelwe ngalokuluhiata:	Kubala ngabo _____
Bhalo phasi lephethini:	_____
Letibijelwe ngalokusamsobo:	Kubala ngabo _____
Bhalo phasi lephethini:	_____



Cedzela emaphethini.

- a. Hlanganisa 4 ngakune kuye ku 980. 984, 988, 992, 996
- b. Hlanganisa 5 ngakune kuye ku 971. \_\_\_\_\_
- c. Susa 4 ngakune kusuka ku 963. \_\_\_\_\_
- d. Susa 3 ngakune kusuka ku 927. \_\_\_\_\_
- e. Hlanganisa 2 ngakune kuye ku 938. \_\_\_\_\_



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Ithemu 4

## Tincenye letilinganako talokugcwele

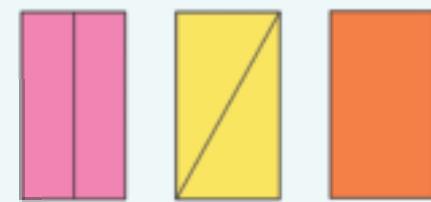
Hhafu munye, noma nguyiphi indlala.

Sika bocalandze  
ephepheni elinembala  
([kuKwekusikwa]).



Tama kutfolaa tindlala letehlukene kuenta hhafu munye.

- Goba liphepha lacalandze kuhhafu ngebudze. Sika leiphepha kuhhafu emgobeni. Lucetu ngalunye ulingana ngco nadolunye. Lucetu ngalunye nguhhafu munye ( $\frac{1}{2}$ ) wacalandze locale ngaye.
- Goba leinye liphepha lacalandze kuhhafu kuwundle kubhukule. Sika leiphepha kuhhafu emgobeni. Lucetu ngalunye ulingana ngco nadolunye. Lucetu ngalunye nguhhafu munye wacalandze locale ngaye.
- Nguyiphi lenye indlala yekweliukanisa leiphepha libe tincenye letihnil letilinganako? Tama kutfolaa ngiphepha nesikeri, bese udwweba umugca lapho ugoba khona bese ugasika.



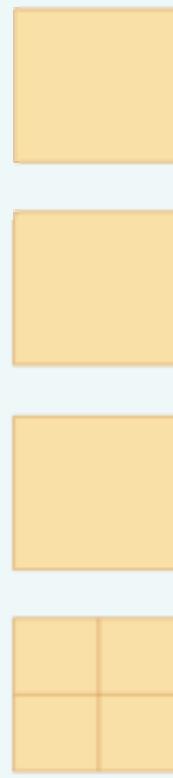
## Emasangweji elantji.

Thabo nebangani bakhe laba-3 bentaa indathane yemasangweji elantji.

Bawaiske kahle aba **bonceny-e-ne noma emakota**.

Loku kusho kutsi bawaiske abangu 4 wetincetu letilinganako.

Nansii jinje indlala. Khombisa 3 waletinje tindlala tekwendla loku.



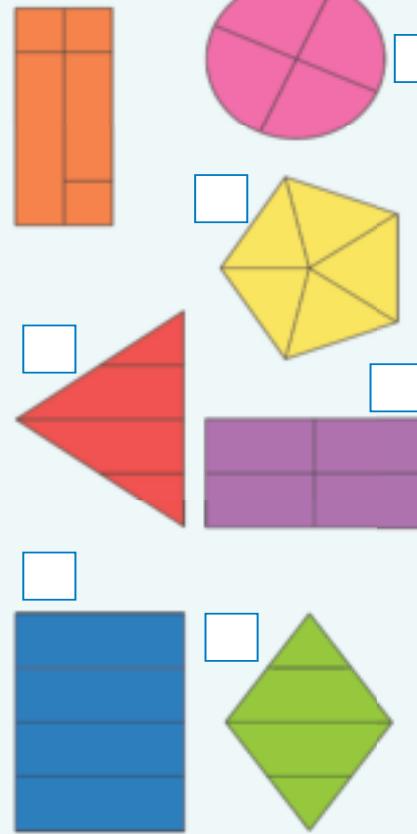
Holisa! Catsanisa!  
Lungisa!



## Kwehlukanisa ngabonceny-e-ne.

Uma sisika lutfo luba ngemakota ( $bo\frac{1}{4}$ ), sikwehlukanisa kube nqu 4 wetincenye letilinganako.

Faka luphawu (✓) etifombeni ngentasi letikhombisa emakota noma bonceny-e-ne.



## Asichubekke ngetincenye letilinganako talokugcwele.



Uma sehlukanisa lutfo luba ti-2 tincenye letilinganako letihnenye sitsi **bohhafu**.

Uma sehlukanisa lutfo luba ti-3 tincenye letilinganako letihnenye sitsi **bonceny-e-ntsatu**.

Uma sehlukanisa lutfo luba ti-4 tincenye letilinganako letihnenye sitsi **bonceny-e-ne**.

Uma sehlukanisa lutfo luba ti-5 tincenye letilinganako letihnenye sitsi **bonceny-e-hlanu**.

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Lesuu:



Thabo nebangani bakhe laba-3 bentaa indathane yemasangweji elantji.

Bawaiske kahle aba **bonceny-e-ne noma emakota**.

Loku kusho kutsi bawaiske abangu 4 wetincetu letilinganako.

Nansii jinje indlala. Khombisa 3 waletinje tindlala tekwendla loku.



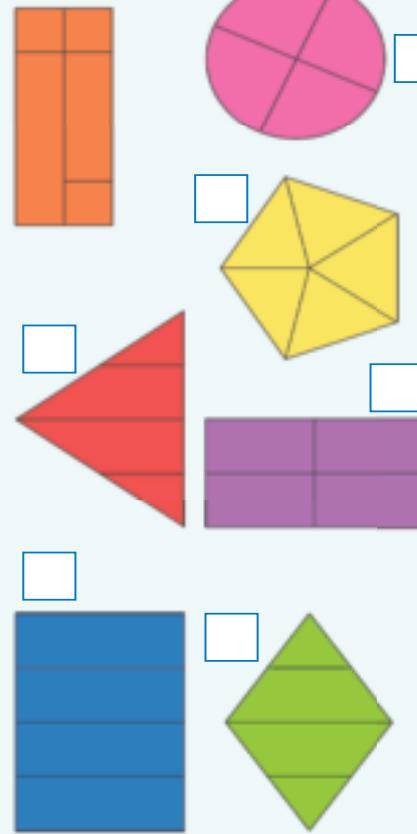
Holisa! Catsanisa!  
Lungisa!



## Kwehlukanisa ngabonceny-e-ne.

Uma sisika lutfo luba ngemakota ( $bo\frac{1}{4}$ ), sikwehlukanisa kube nqu 4 wetincenye letilinganako.

Faka luphawu (✓) etifombeni ngentasi letikhombisa emakota noma bonceny-e-ne.



## Asichubekke ngetincenye letilinganako talokugcwele.



Uma sehlukanisa lutfo luba ti-2 tincenye letilinganako letihnenye sitsi **bohhafu**.

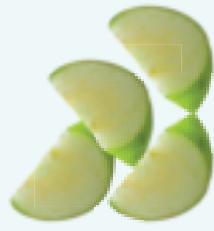
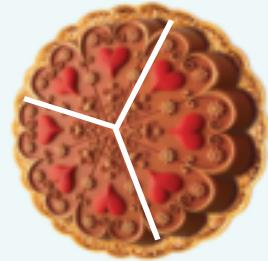
Uma sehlukanisa lutfo luba ti-3 tincenye letilinganako letihnenye sitsi **bonceny-e-ntsatu**.

Uma sehlukanisa lutfo luba ti-4 tincenye letilinganako letihnenye sitsi **bonceny-e-ne**.

Uma sehlukanisa lutfo luba ti-5 tincenye letilinganako letihnenye sitsi **bonceny-e-hlanu**.

## Tibalo-nkinga temafrakishini

Coca ngemafrakishini nebanganan bakhō.



Sombulula tibalo-nkinga letilandzelakō ngekuphendula imibuto bese wenta imidvwewo.



a. Umceceshi wenethibholi uniketa umdali ngamunye iihfau yeli-orintji. Kuna  $\frac{1}{4}$  webadali.

Mangakhi ema-orintji lawadzingako?

Utsini umbuto?

Titsini tinombolo nomina emafrakishini kulesibalo-nkinga?

Yini ligama-nsika?

Dweba sitfombe.

Ligama-nsika ligama  
leitangisita kulketsa indela  
lengijo yekubala.



Itsini imphendulu?

Itsini imphendulu?



b. Make wami unginikete nebanganan bami ibdalishumi narue ikota yelihabhuha umuntū ngamunye.

Mangakhi emahabhuha lawasebentisile?

Titsini tinombolo nomina emafrakishini kulesibalo-nkinga?

Yini ligama-nsika?

Dweba sitfombe.



Itsini imphendulu?

b. Encimbini wekutujabulisa esikolwemi batsengisa emakheke kepna tincetu letinsatfū liliuyé.

Botsengise tigadla temakheke kubantu labangema-24.

Mangakhi emakheke labawatsengisile?

Titsini tinombolo nomina emafrakishini kulesibalo-nkinga?

Yini ligama-nsika?

Dweba sitfombe.



Itsini imphendulu?



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Itthemu 4

## Cabanga ngesilinda, umbhoshongo, noma indilinga lengajicika

Buka letifombe.

Nguisiphi sicumbi lesikhombisa emabholo, imbhoshongo nemabhokisi?



Tfola titfombe timbili tangakunye utinameke ngentasi.



Lusaka

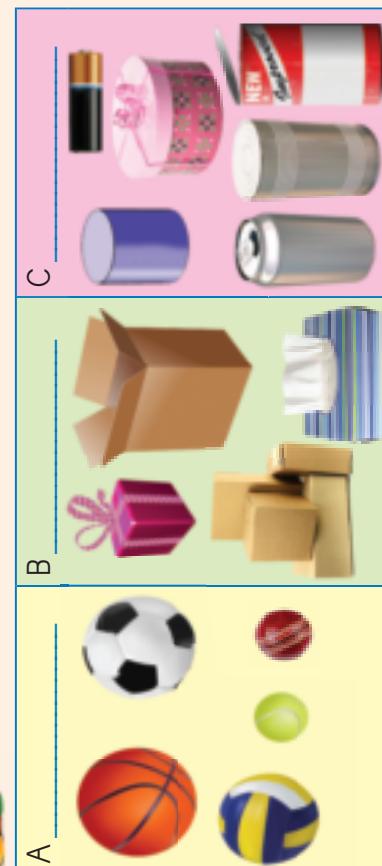


Cabanga ngesilinda,

umbhoshongo, noma indilinga lengajicika

Buka letifombe.

Nguisiphi sicumbi lesikhombisa emabholo, imbhoshongo nemabhokisi?



Tfola titfombe timbili tangakunye utinameke ngentasi.

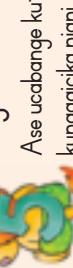


"Condzile" na "gwenjile".

Letinnye tintfo letiphatsekako tiba nelingephandle leliscabati.  
Letinnye tiba nelingephandle leligwenjile.

<b>Umbhoshongo (silinda)</b> unebuso bubili lobusicabati nabunye lobugwenjile.	<b>Ikhoni</b> inebuso buneje lobusicabati nabunye lobugwinjile.	<b>Imbulunga (sifuje)</b> lesaneyeti inemacala lagwenje mtimba wonkhe macala onkhe.

Kugicika



Ase ucabangé kutsi kodvwa umbhoshongo. ikhoni noma imbulunga (sifuje)  
kungajicika njani.

Kuletintfo leti-3, ngukuphi:

- Lokungeke kugicike sigamu lesidze.
- Lokungagjicika kuphela ngemugca  
locondzile?
- Lokungagjicika kubheke nomaphi?

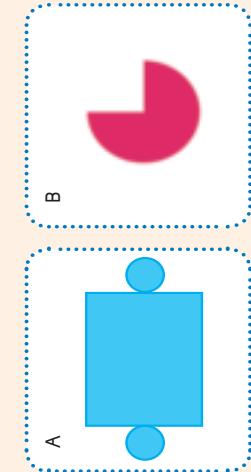


Yini inethi?

Bunjwa losicabati longagocwa kuenta  
sakhwi lesiphatsekako ubitwa ngekutsi  
yinethi.

Dwwebela imphendulo lengiyo.

- Litamatusi libumbeke njengebhola/lithokisi/umbhoshongo (silinda).
- Inglazi yekunatsa ibumbeke njengebhola/lithokisi/umbhoshongo (silinda).
- Incwadzi ibumbeke njengebhola/lithokisi/umbhoshongo (silinda).



Bhalaluhlavu lwenethi lengagocera yakhé ikhoni.  
Bhalaluhlavu lwenethi lengagocera yakhé umbhoshongo (islinda).

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

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

## Kabantu ngemafrikishini

Shano emafrikishini.

Bhala ifrakishini yaletitfombe ngentasi.



a. Yifrakishini lenganani lokulingangane? \_\_\_\_\_



b. Yifrakishini lenganani lokuluhlatu? \_\_\_\_\_



c. Yifrakishini lenganani lokulingangane? \_\_\_\_\_

d. Yifrakishini lenganani lokumtufubi? \_\_\_\_\_



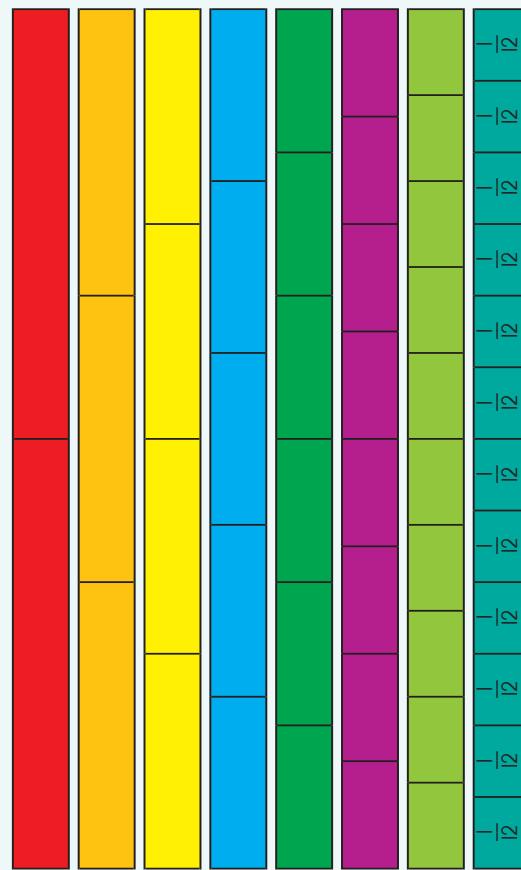
Phendvula imibuto.

a. Sizwe unetincetu letine teshokholethi. Uniketa umnganani wakhe lucetu luyne. Yifrakishini lenganani yemashokholethi lesеле kuge? \_\_\_\_\_

b. Yasmin unema-orintji lamabili. Ugiyela Ana linye. Yifrakishini lenganani lesèle kuge? \_\_\_\_\_

c. Mary utsenga 5 tibhelekeca temashokholethi. Utibekela si-1, upha Mohamed ti-2, besse letinye leti-2 upha ummakabo. Yifrakishini lenganani Mary latibekela yona? \_\_\_\_\_

Ludvonga lwemafrikishini.



Luhela ngalunye Iwehlukaniswe lwaba tinencye letilinganako. Luhela loluphansi ekugcineni Iwehlukaniswe lwaba boncenyе shuminambili ( $\frac{1}{12}$ ).

Bhala ifrakishini lengijo kujawa lamanye emahale.

Sebenisa inula yakho noma umphetho locondzile welliphetha kufola kutsi ngumaphi emafrikishini lalinganako, nekuksita uphendvule lembutso.

Eludvongeni lwemafrikishini, tfola tonkhe tindlila letohlukene tekwenta loku:

a. ihhafu yinye  $\frac{1}{2}$

b. kunye lokugwele ()

c. emakota lamatsatfu  $\frac{3}{4}$

Holissa!  
Catsanisa!  
Lungisa!



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | q | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

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Item 4

## Asichubekē ngekubutsisa nekwaba



Kubala ngesivinini.



Funatichumaniso.

$30 \div 3 =$ _____	$15 \div 3 =$ _____	$60 \div 3 =$ _____	$600 \div 3 =$ _____
$150 \div 3 =$ _____	$24 \div 4 =$ _____	$24 \div 8 =$ _____	$240 \div 4 =$ _____
$120 \div 4 =$ _____	$12 \div 4 =$ _____	$40 \div 10 =$ _____	$40 \div 5 =$ _____
$400 \div 10 =$ _____	$400 \div 5 =$ _____	$200 \div 5 =$ _____	$18 \div 2 =$ _____
$36 \div 2 =$ _____	$72 \div 2 =$ _____	$72 \div 4 =$ _____	$72 \div 8 =$ _____



Yaba kahle lokusele.

Jabunalebo bafuna kwaba 13 wetincetu teshokholethi. Tingakhi tincetu letifolwa ngumuntfu ngamunye?



Bangalrhona kwaba kuphela 12 wetikwele letigwele, batifola stifupha amunye. Lolutetu lolusele bagamulelana ihafu, ngako-ke amunye una  $6\frac{1}{2}$  wetincetu.



Amunye utfola \_\_\_\_\_ imicu

Amunye utfola \_\_\_\_\_ imicu

Amunye utfola \_\_\_\_\_ imicu

Amunye utfola \_\_\_\_\_ imicu

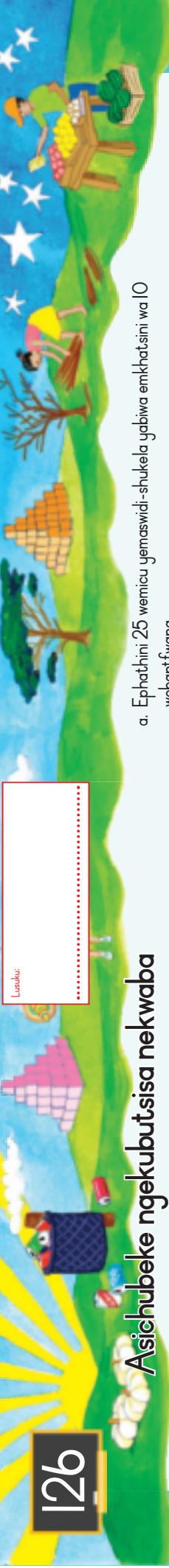
- a. Ephathini 25 wemicu yemaswidhi-shukela yabiwa emkhatsini wa 10 webantfvana.  
Yaba kahle nge! Dweba titfombe kulusita.



Amunye utfola \_\_\_\_\_ imicu

- b. Yaba 37 imicu emkhatsini wa 4 webantfvana.

Lusuku:



## Emafrakishini ethenigremu



IThenigremu ngundlalo mphico wasendulo wesi Shajina wakhwe ngesi-7 sabobunjuwa labasicabati, babiitwa ngokutsi ngematheni, onkhe abekwa ndzawonje kwakha tinhlabbo-rhlabo tabobunjwa.

### Emafrakishini nge Thenigremu.

Bukisisa imphica yThenigremu. Yifrakishini lenganani yesikwele lesikwele munye ngamunye wabocalantsatfu labakhulu lababi? (Bovu klesifombene)	Uma ugoba munye wabocalantsatfu labakhulu babe tinisetu letimbi latalingandko, lucetu ngalunye luyalingana ngelukhulu nacalantsatfu lomkhudlwana nje (Mtf ubi esitfombeni). Yifrakishini lenganani yesikwele lesikwele localantsatfu lomkhudlwana nje?	Uma ugoba localantsatfu lomkhudlwana nje doe tinisetu letimbi letilinganako, lucetu ngalunye luyalingana ngelukhulu naldabocalantsatfu lababili ibancane. (Luhata esitfombeni) Yifrakishini lenganani yesikwele lesikwele localantsatfu labancane ngamunye?	Ungabeka babili bocalantsatfu labancane kanyekarante kwenza lesikwele lesincane. Yifrakishini lenganani yesikwele lesikwele lesincane (lingangane esitfombeni)?	Ungabeka babili bocalantsatfu labancane kanyekarante kwenza ipharalelegremu. Yifrakishini lenganani yesikwele lesikwele lepharalelegremu?

Umdlalo wekwaba kahle emafrikishini.

Dilana 4-8 weballali usebentisa takakkho tinsetu tethenigremu

1. Badalli bancketana ematufuba ekubeni ngumshovi-phepha.
2. Umshovi-phepha uncuma kutsi yifrakishini lenganani yethenigremu legcweli umdlali ngamunye ikufute ayifake kukhithi.
3. Umdlali ngamunye uyaagela kutsi ngabe imali-buhhehu itawuvela ngenhloko nom a ngemsila, umshovi-phepha bese yjika buhhehu.

4. Umshovi-phepha bese waba lokukukhithi ngelkwetsembeka kulabo labacombele kahe. (Angahle ahwebise ngalunye nom angetulu tinsetu kutfolo letinje tinsetu temanda lalinganako.)
5. Wonkhe umsaleda longeke wabekel uhlala kukhithi umele ligema lettako.

6. Bonkhe badalli bayaholsissa kubona kutsi ngabe kwaba kwentiwe ngendela yini.
7. Uma umdlali atfold liphutsa, umshovi-phepha ukokha inhlawulo ya  $\frac{1}{8}$  yesikwele lesikwele kundali wekucala kutfolo liphutsa.
8. Umdlali lotue angatsatsa yonkhe imisaleda kukhithi.
9. Umdlalo uyachubeka ate umdlali ngamunye naye abe ngumshovi.

Wonkhenkhe kufute  
ofake ikota ynye yesethi  
yethenigremu kukhithi.

Ngituwaka munye  
calantsatfu lomkhulu

Boncenza-siphohlongo lababili  
baligana nanceny-ne  
munye. Ningafada esikwele  
ralepharalelegremu.

Teacher:  
Sign:  
Date:

### Usebentisa iThenigremu.

Sika kahle ematherenigremu lamabili ekhasini ilekusikwa 12 ubhale esiceshini ngasinye lesinefrakishini yesikwele lesikwele. (Laba boburjuwa bema Thenigremu bakuvala.) Bhalia ligama lakkho ngemava kweletuu ngalunye, khona utokwati kutfolo tinsetu takakkho futsi emva kwemddalo.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |



## Emddaweni

Ngesikhatsi sehhafu thajimi umdali ngamunye una sa  $\frac{1}{4}$  welitha yejusi.

- a. Bangakhi boddali labangabelana nga?  
1littha \_\_\_\_\_ 4 wemalitha \_\_\_\_\_  $\frac{1}{2}$  wemalitha \_\_\_\_\_  
b. Kudzingekajuji lenganani kwenetisa?  
8 webadali \_\_\_\_\_ q webadali \_\_\_\_\_ 12 webadali \_\_\_\_\_

## Emalitha nemamillitha (ml).

$$\begin{aligned} \text{littha} &= 1000 \text{ ml} & \frac{1}{2} \text{ welitha} &= \text{ ml} & \frac{1}{4} \text{ welitha} &= \text{ ml} \\ [25 \text{ ml}] &= \text{ welitha} & 50 \text{ ml} &= \text{ we litha} & & \end{aligned}$$

## Yentai ihhafu yelilitha.

Klibhita (✓) lamanan lama 3 laktsi nakatihlanganisiwe afike kuhhafu yelilitha.

120 ml	140 ml	160 ml	28 ml	240 ml

## Lubisi lukulungene!

- Yoba 4 wemalitha elubisi emkhatsini wa:
- a. 8 webantfwanwa Umntfwanwa ngamunye utfola \_\_\_\_\_ wemalitha  
b. 16 webantfwanwa Umntfwanwa ngamunye utfola \_\_\_\_\_ wemalitha  
c. 12 webantfwanwa Umntfwanwa ngamunye utfola \_\_\_\_\_ wemalitha

## Kala utsele



## Emddaweni

Ngesikhatsi sehhafu thajimi umdali ngamunye una sa  $\frac{1}{4}$  welitha yejusi.

- a. Bangakhi boddali labangabelana nga?  
1littha \_\_\_\_\_ 4 wemalitha \_\_\_\_\_  $\frac{1}{2}$  wemalitha \_\_\_\_\_  
b. Kudzingekajuji lenganani kwenetisa?  
8 webadali \_\_\_\_\_ q webadali \_\_\_\_\_ 12 webadali \_\_\_\_\_



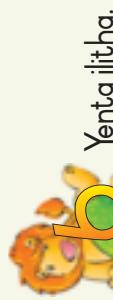
## Ithemu 4



## Libhara leJusi laBongi.

Ejekeli! Bongi usebentisa ikota yinje ( $\frac{1}{4}$ ) yenkomishi yejusi netinkhomishi leti. 2 temanti. Tfola kutsi usebentisa ijusi nemanti langanani Bongi emajeke ni losi 5 ejusi.

Emajeke	1	2	3	4	5
Tinkomishi tejusi	Ikota yinje ( $\frac{1}{4}$ )				
Tinkomishi temanti	2				



## Yenta littha.

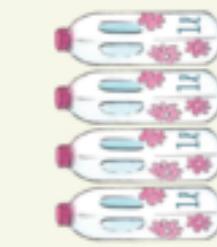
50 ml	100 ml	200 ml	250 ml	500 ml
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Udzanga tingakhi tintfo tekuphatsta ngayinye kwenta littha?

- a. \_\_\_\_\_  $\times$  100 ml b. \_\_\_\_\_  $\times$  200 ml c. \_\_\_\_\_  $\times$  250 ml  
e. \_\_\_\_\_  $\times$  500 ml f. \_\_\_\_\_  $\times$  50 ml



## Ngemuva kwephathi.



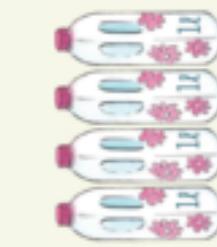
Iphathi yaThandi seyengcle. Kunekwekunatsa lokusele.

Ingarani ijuji lemftubi lesele?

Ingarani ijuji lesansobo lesele?

Thandi udidiya tinhoboo totimibili tejusi ndzawonye.

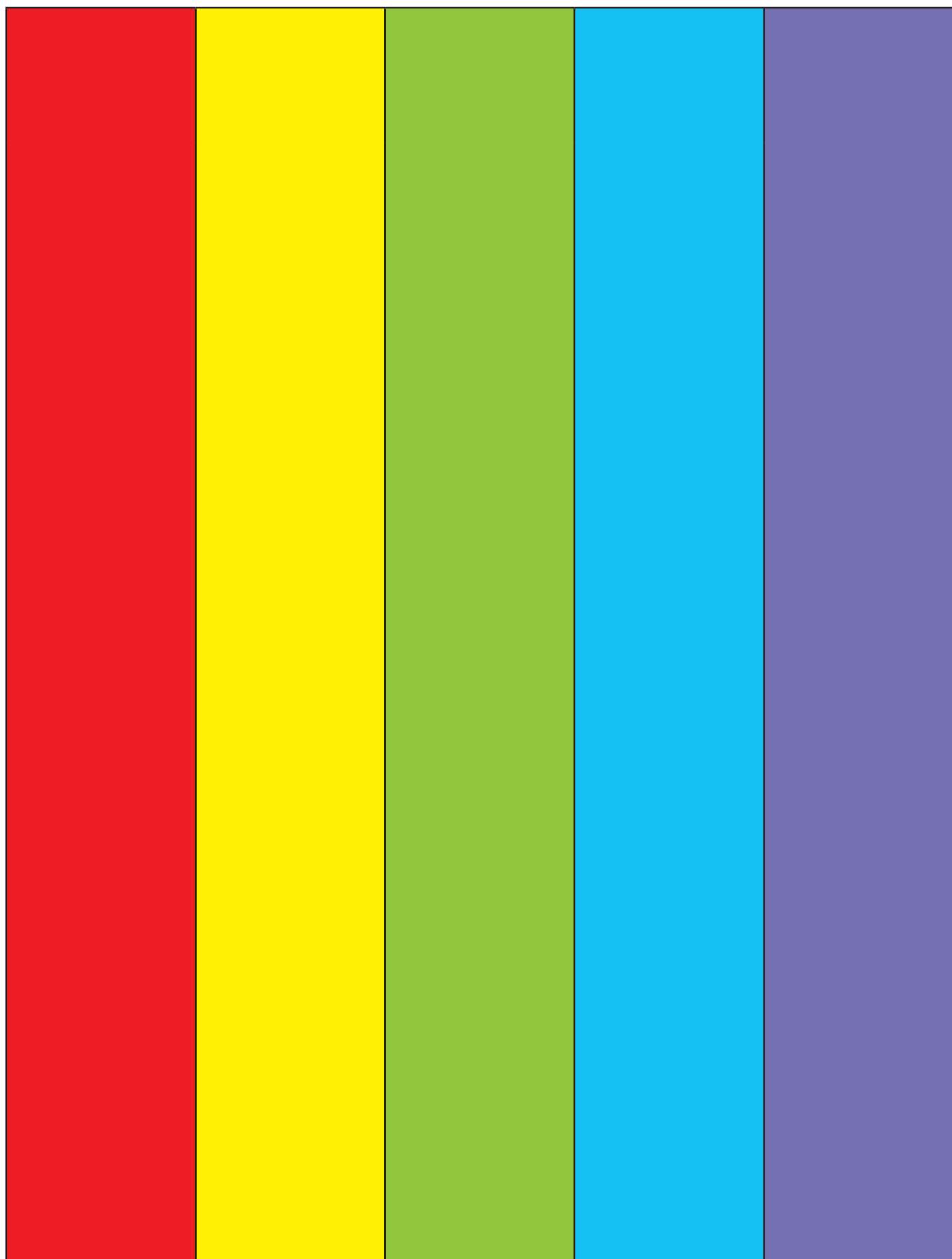
Mangakhi emajeke langawagcwaisa?



11 12 13 14 15 16 17 18 19 20

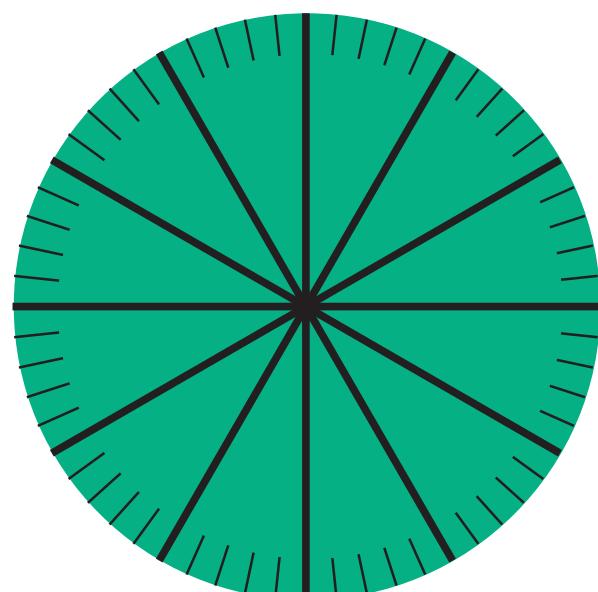
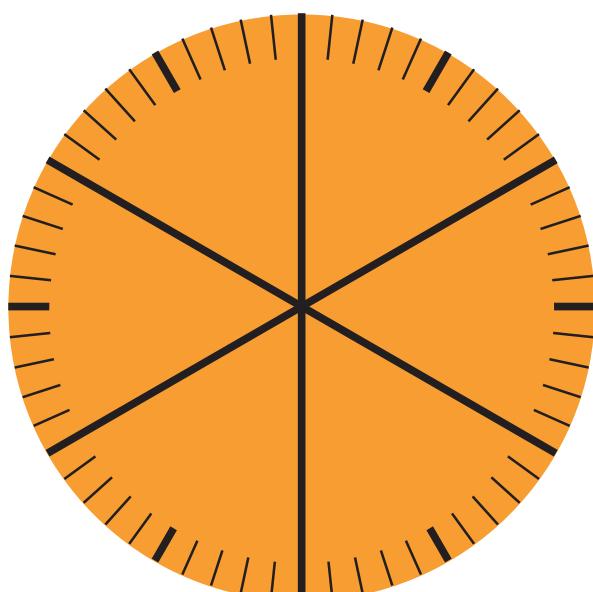
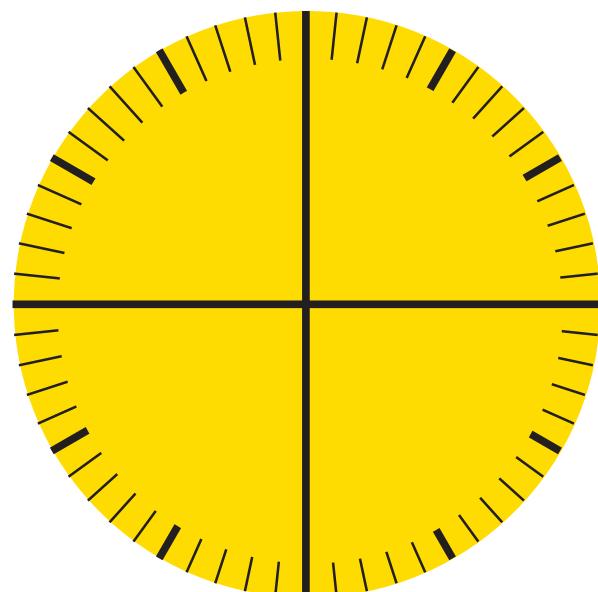
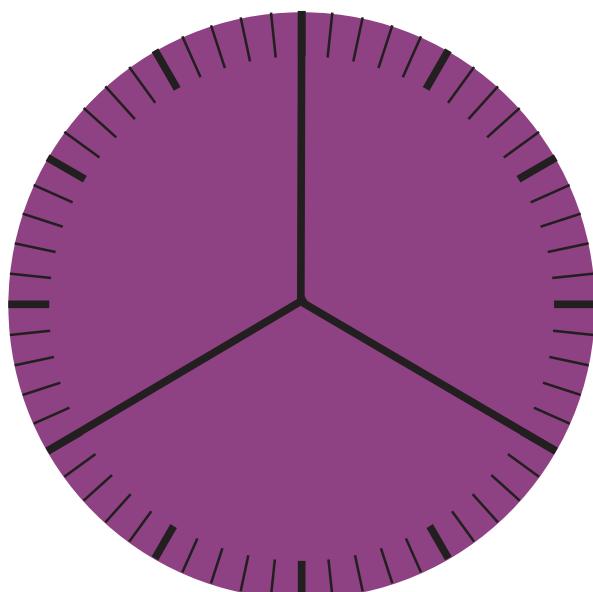
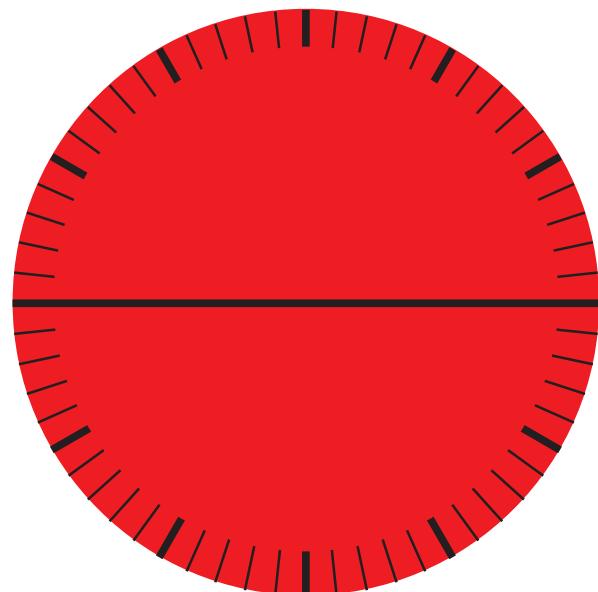
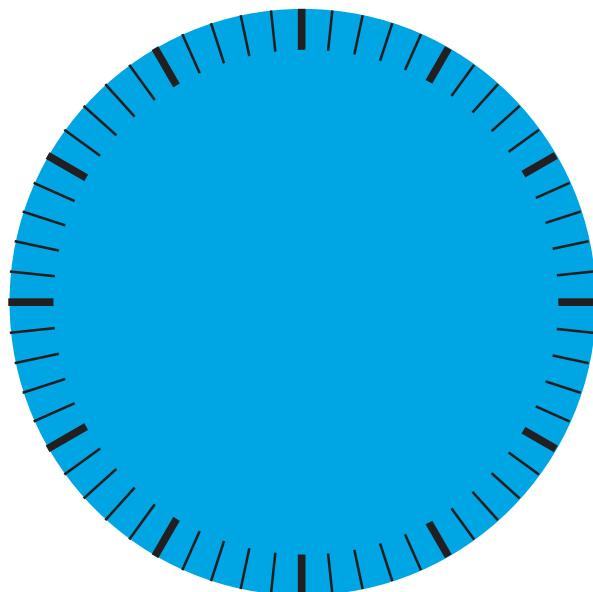


## Kwekusikwa 5



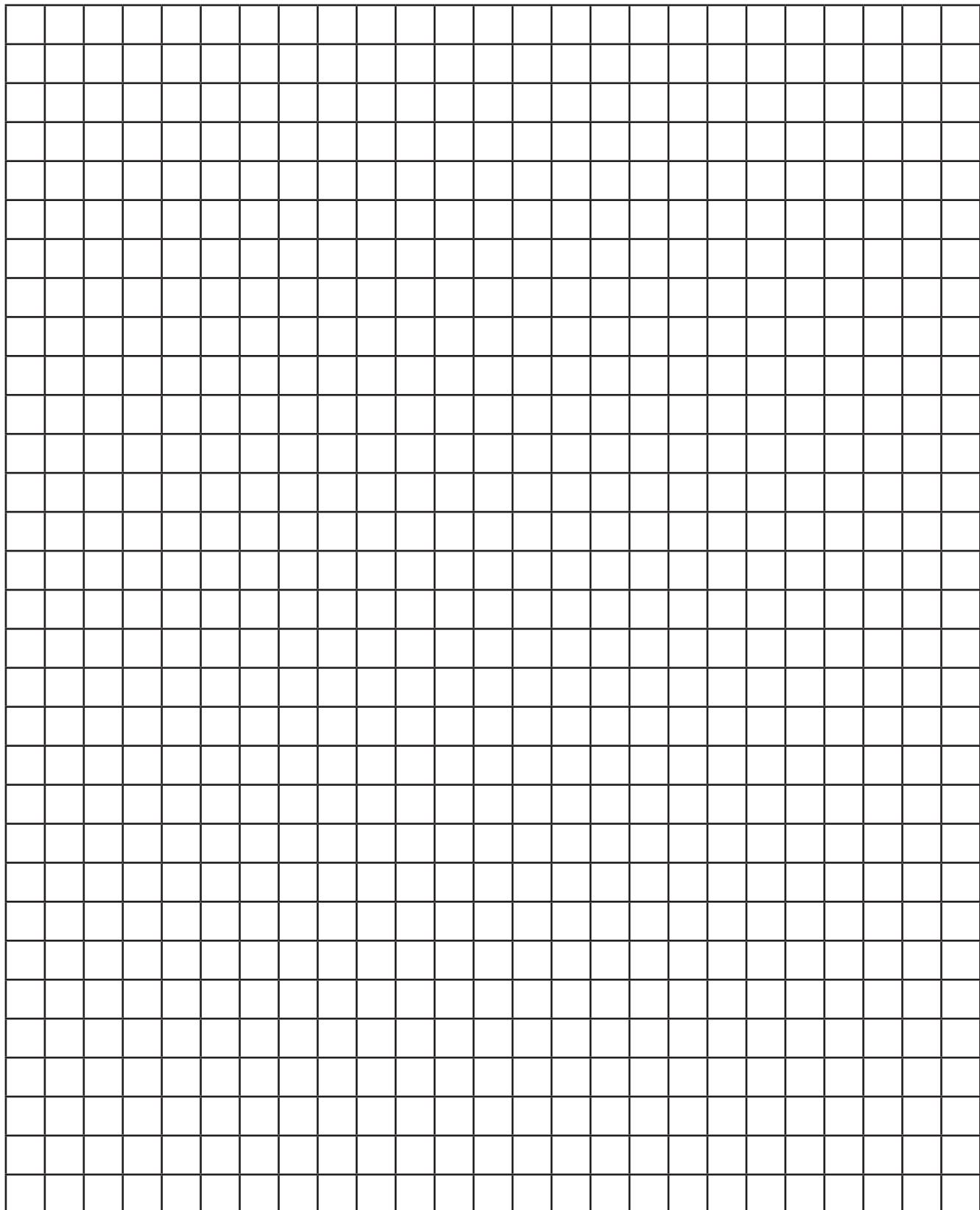


## Kwekusikwa 6





# Kwekusikwa 7





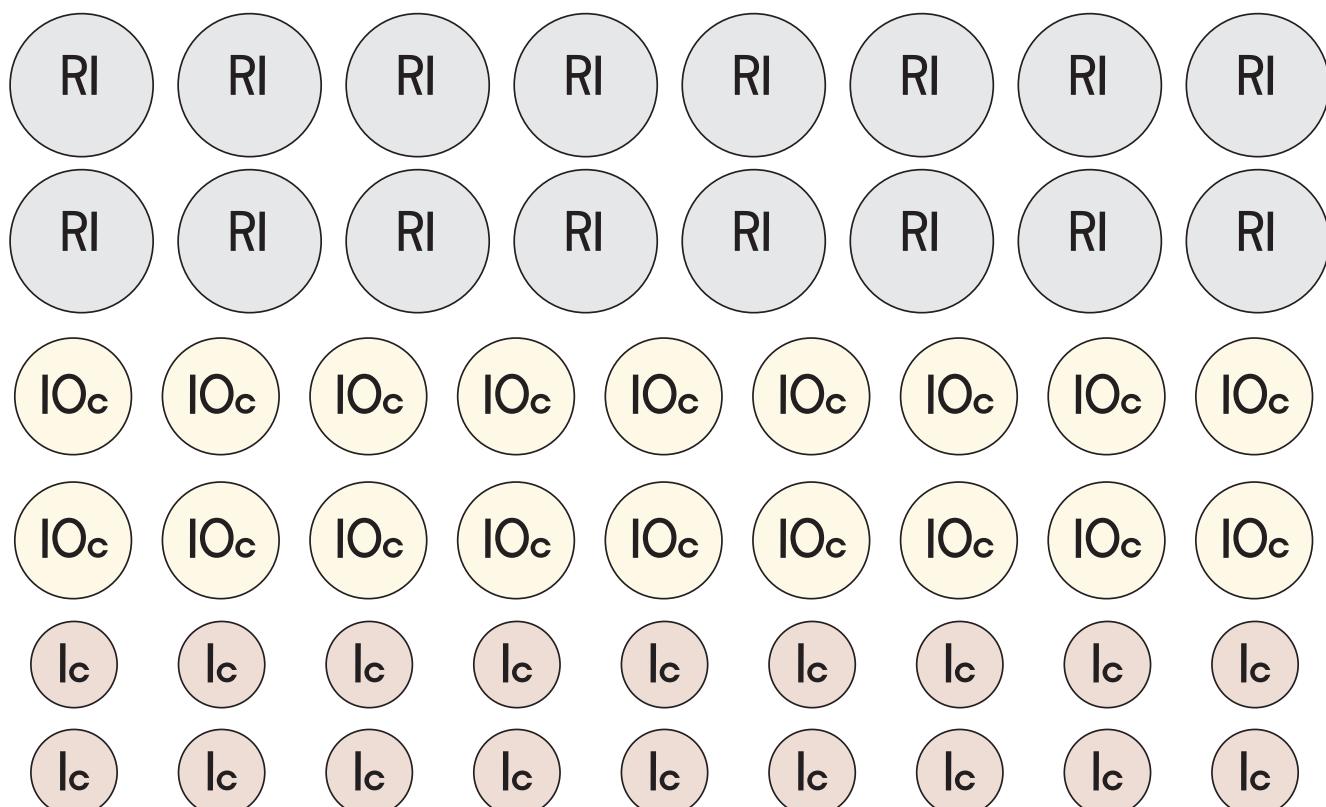
## Kwekusikwa 8

$I_c$	
$IO_c$	
$R s$	
$RIO_s$	
$RIOOs$	



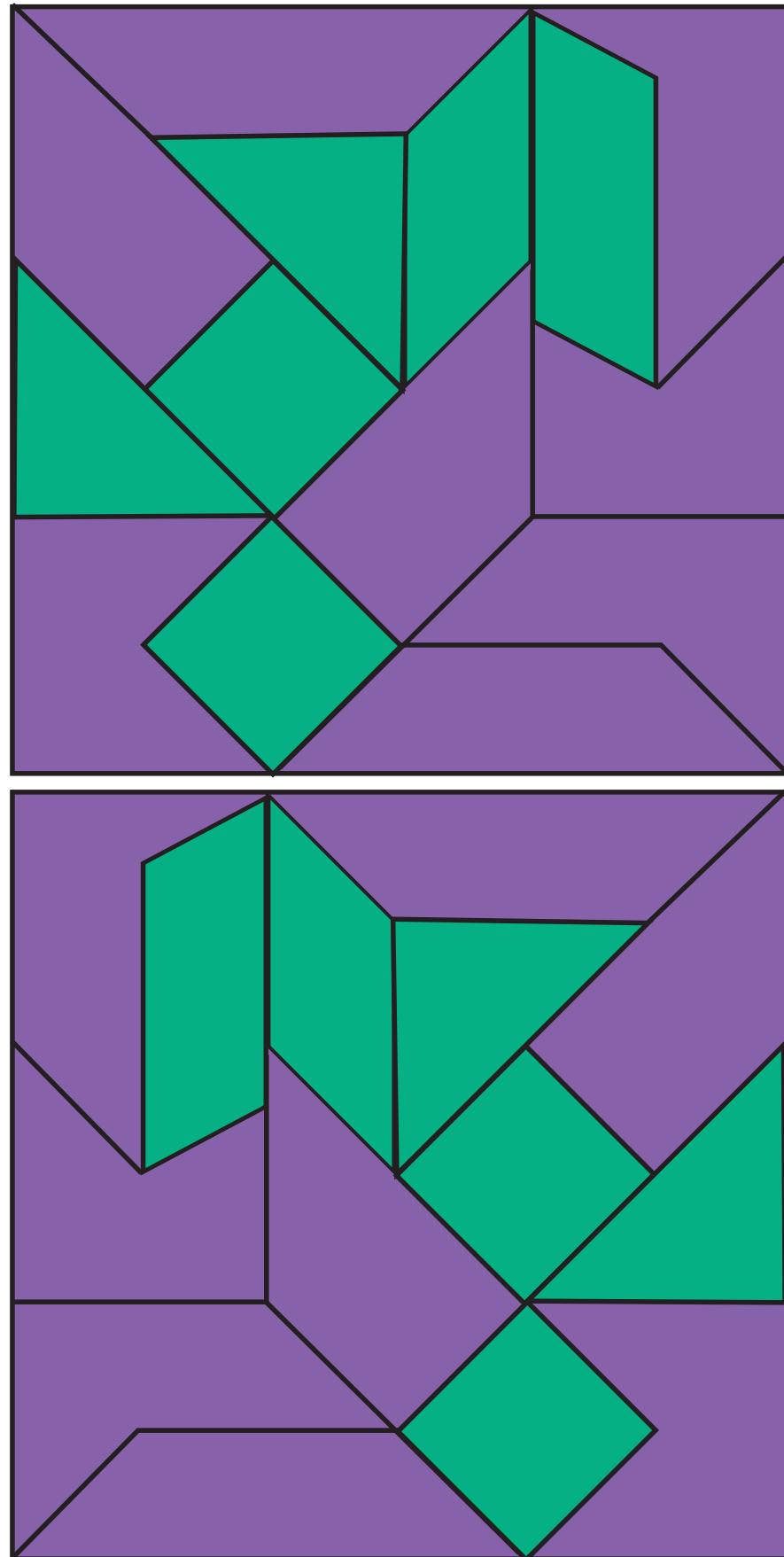
## Kwekusikwa 9

RIOO	RIOO	RIOO	RIOO
RIOO	RIOO	RIOO	RIOO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO



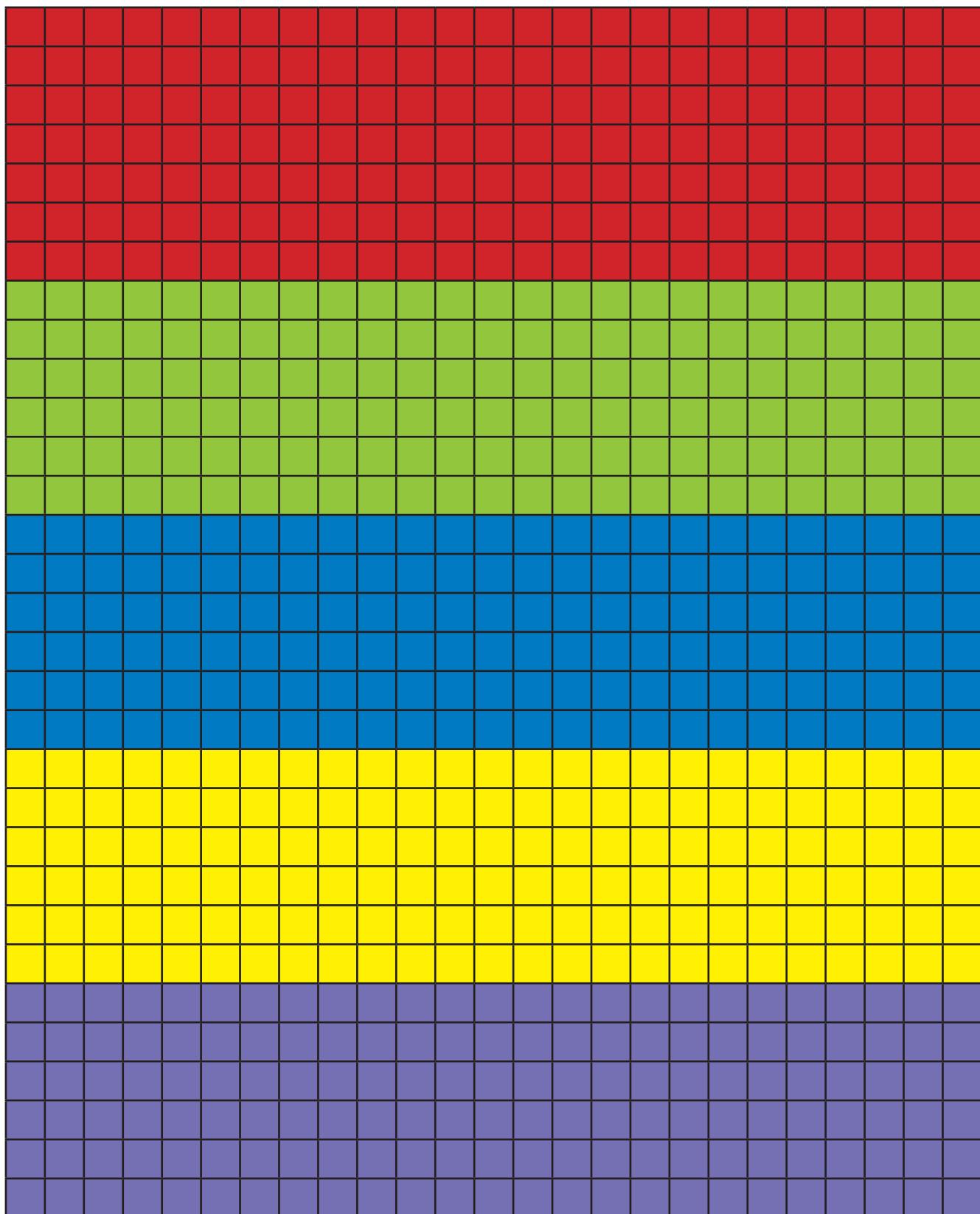


# Kwekusikwa 10





## Cut-out II





## Cut-out I2

