

3

DIPALO KA SEPEDI

Puku ya 2
Kotara ya
3 & 4



DIPALO KA SEPEDI – Mphato wa 3 Puku ya 2



basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

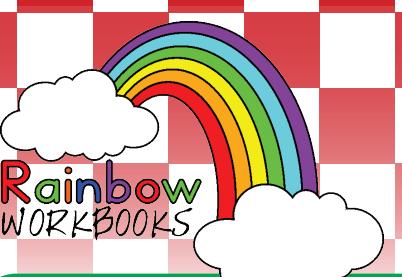
Leina:

Phapoši:



MATHEMATICS IN SEPEDI
GRADE 3 – BOOK 2
TERMS 3 & 4
ISBN 978-1-4315-0152-6

THIS BOOK MAY NOT BE SOLD.
8th Edition



1 2 3 4

Diteng

Diteng	Hlogo	Letlakala
65	Dinomoro 500 go fihla go 600	2
66	Dinomoro tše dingwe gape, 500 go fihla go 600	4
67	Dinomoro 600 go fihla go 700	6
68	Mošomo wa mmepe	8
69	Dinomoro tše dingwe gape 600 go fihla go 700	10
70	Dinomoro 650 go fihla go 750	12
71	Dinomoro 700 go fihla go 750	14
72	Dibopego tša mahlakorepedi (2-D)	16
73	Go hlakantsha le go ntšha go fihla go 800	18
74	Go hlakantsha le go ntšha, gape, go fihla go 800	20
75	Go hlakantsha le go ntšha, go fihla go 800 gape	22
76	Patrone ya dinomoro: di-10 go fihla go 800	24
77	Go enetša ka go ya go lesome la kgauswi	26
78	Katišo: di-5 go fihla go 75	28
79	Patrone ya dinomoro: di-5 go fihla go 800	30
80	Mosegar le bošego	32
81	Go atiša: di-2 go fihla go 75	34
82	Dipatrone tša dinomoro: di-2 go fihla go 800	36
83	Go atiša: di-2 le di-5 go fihla go 75	38
84	Go atiša: di-3 go fihla go 75	40
85	Go atiša ka di-2, di-3 le di-4 go fihla go 75	42
86	Dipatrone tša dinomoro: di-3 go fihla go 800	44
87	Go atiša: di-4 go fihla go 75	46
88	Dipatrone tša dinomoro: di-4 go fihla go 800	48
89	Go atiša le go arola, ka di-2, di-3, di-4 go fihla go 75	50
90	Di-eng tša dilo tša mahlakoretharo	52
91	Dipalophatlo tša diripana tša didirišwa	54
92	Dipalophatlo go tšwela pele	56
93	Go abagana go tlša dipalophatlo	58
94	Bokgole go dikologa	60
95a	Go gweba ka tšelete	62
95b	A re ye mabenkeleng!	64
96	Tše dingwe gape ka ga difiwa	66
97	Go ſoma ka dikilometara	68
98	Dinomoro 700 go fihla go 800	70
99	Dinomoro tše di oketsegilego: 700 go fihla go 800	72
100	Dinomoro: 800 go fihla go 900	74
101	Dinomoro tše di oketsegilego: 800 go fihla go 900	76
102a	Go elā dilo	78
102b	A re kaleng go ya pele	80



Diteng	Hlogo	Letlakala
I03	Dinomoro 900 go fihla go 1 000	82
I04	Dinomoro tše di oketsegilego: 900 go fihla go 1 000	84
I05	Go hlakantsha le go ntšha, go fihla go 999	86
I06	Ka ga ntlo	88
I07	Go ſoma ka tšelete	90
I08	Go hlakantsha le go ntšha, go fihla go 999	92
I09	Go hlakantsha le go ntšha, go fihla go 999 gape	94
I10	Diphasele tša tekanyo	96
I11	Dipatrone tša dinomoro: masome go fihla go 900	98
I12	Ruma ka go iša go lesome (I0) la kgauswi	100
I13	Go atiša le go arola: di-5 go fihla go 100	102
I14	Dipatrone tša dinomoro: hlano go fihla go 1 000	104
I15	Gape ka ga go swana	106
I16	Dipatrone tša dinomoro: di-2 go fihla go 900	108
I17	Go atiša le go arola: di-2 go fihla go 100	110
I18	Go atiša le go arola: di-3 go fihla go 100	112
I19	Patrone ya dinomoro: di-3 go fihla go 1 000	114
I20	Go atiša le go arola: di-4 go fihla go 100	116
I21	Dipatrone tša dinomoro: di-4 go fihla go 1 000	118
I22	Dikarolo tša go lekana tša karolomoka	120
I23	Dipalo tša dipalophatlo	122
I24	Dilo tša mahlakoretharo	124
I25	Dipalophatlo tše dingwe gape	126
I26	Tlhopho le kabelano di tšwetšwa pele	128
I27	Dipalophatlo tša thenekramo	130
I28a	Go lekanyetša mothamo	132
I28b	Lekanyetša o tšelete	134
	Sesegwa sa 5	
	Sesegwa sa 6	
	Sesegwa sa 7	
	Sesegwa sa 8	
	Sesegwa sa 9	
	Sesegwa sa 10	



Mdi Angie Motshikga,
Tona ya Thuto ya
Motheo



Mna Enver Surty,
Motlatša-Tona ya Thuto
ya Motheo

Dipukutšomo tše di tšweleditšwe go thuša bana ba Afrika Borwa ka tlase ga boetapele bja Tona ya Thuto ya Motheo, Mdi Angie Motshikga, le Motlatša-Tona wa Thuto ya Motheo, Mna Enver Surty.

Rainbow Workbooks di bopa karolo ya mohlwaela wa tsenogare woo maikešetšo a wona e lego go kaonafatša mošomo wa barutwana ba Afrika Borwa bao ba lego mephatong ye tshela ya mathomo. Projekte ye, bjalo ka ge e le ye nngwe ya dinepokgolo tša Dithulaganyo tše go Diragatša tše Mmušo, e kgonne go diragala ka thekgo ya mašeleng a go tšwa, ka ntle le go kgokgona go Sešegotlotlo sa Bosetšhaba. Se se kgontšitše Kgoro go dira dipukutšomo tše, ka maleme ka moka a semmušo, ka ntle ga gore Kgoro e lefe.

Re hutša gore barutiši ba tla holega ka dipuku tše mošomong wa bona wa tšatši ka tšatši wa go ruta, le go kgonthiša gore barutwana ba kgona go fetša lenanethuto. Re hlokometše gore re hlahle barutiši ditirong ka moka ka go tsenya maswao a ditaetši ao a laetšago seo morutwana a swanetšego go se dira.

Re tloga re hutša gore bana ba tla ipshina ka go dira mešomo ye e lego ka mo dipukwaneng tše ge ba dutše ba gola, ba ithuta, le gore wena, morutiši, o tla ipshina le bona mo lethabong la go ithuta. Re kganyogela lena, barutiši, le barutwana ba lena, katlego, ka tšhomiošo ya dipukutšomo tše.



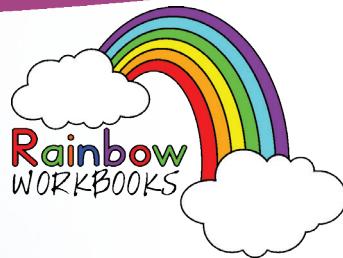
Published by the Department of Basic Education
222 Struben Street
Pretoria
South Africa
© Department of Basic Education
Eighth edition 2018

ISBN 978-1-4315-0152-6

The Department of Basic Education has made every effort to trace copyright holders but if any have been inadvertently overlooked the Department will be pleased to make the necessary arrangements at the first opportunity.

This book may not be sold.

Mphato wa 3



M m e t s e

Puku ye ke ya:



SEPEDI

Puka
ya

2

65



Dinomoro 500 go fihla go 600

Letšatšikg wedi:

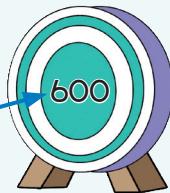
Kotara ya 3

Bala gomme o ngwale.

- a. Šomiša papetla ye e latelago go go thuša go bala go tloga go 500 go fihla go 600.

Balela dinomoro godimo ge o dutše o bala.

500



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

- b. Ngwala dinomoro tše di tlogetšwego mo kriting ya mo godimo.

- c. Ngwala dinomoro tše 10 tše di tlago ka morago ga 500.

500; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

- d. Ngwala dinomoro tše 8 tše di latelago ka patrone ya di-2.

510; 512; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

- e. Ngwala dinomoro ka moka ka patrone ya di-2 go tloga go 548 go fihla go 570.

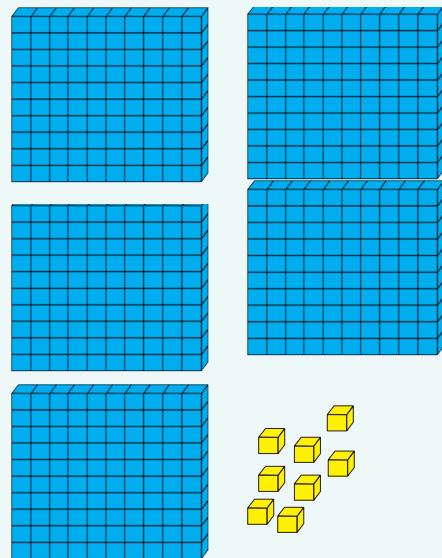
548; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 570

- f. Ngwala dinomoro tše 8 tše di latelago ka patrone ya di-5.

515; 520; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____



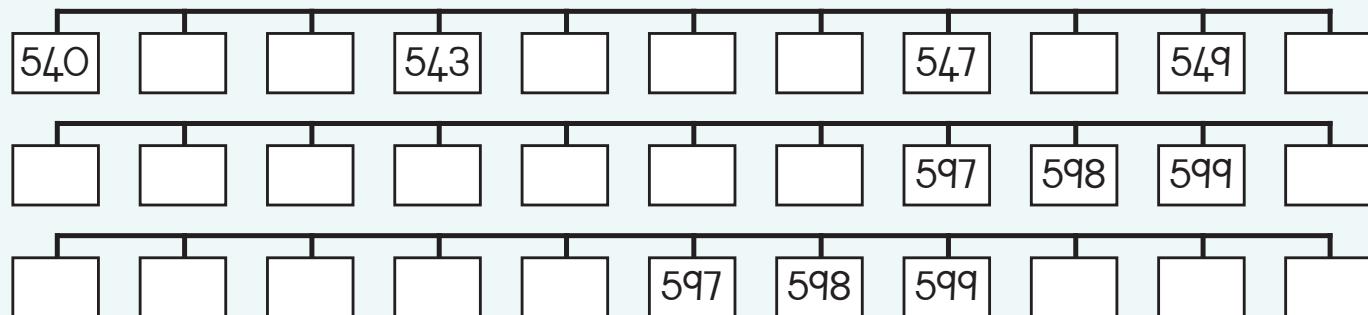
Na ge o bala o hwetša dipoloko tše kae?



Na o badile bjang dipoloko?



Feleletša methalopalo.



Feleletša lenaneo.

Ngwala go tloga go ye
nnyane go feta go ya go ye
kgolo go feta

Ngwala go tloga go ye kgolo
go feta go ya go ye nnyane
go feta

582, 586, 584, 581, 585		
566, 506, 560, 516, 506		



Teacher:

Sign:

Date:



Ngwala nomoro ye e latelago ka mantšu.

520

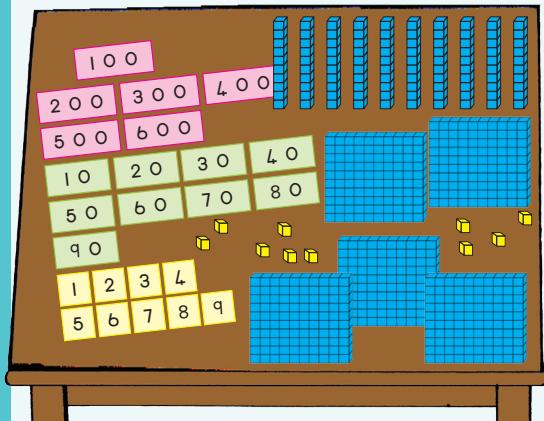
11 12 13 14 15 16 17 18 19 20

66

Dinomoro tše dingwe gape, 500 go fihla go 600

Letšatšikg wedi:

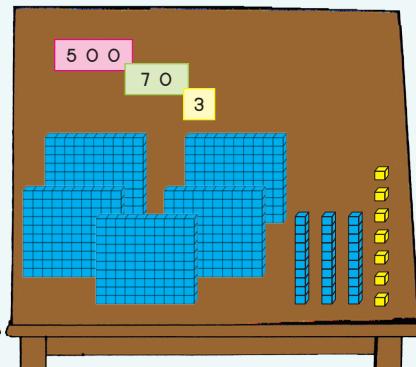
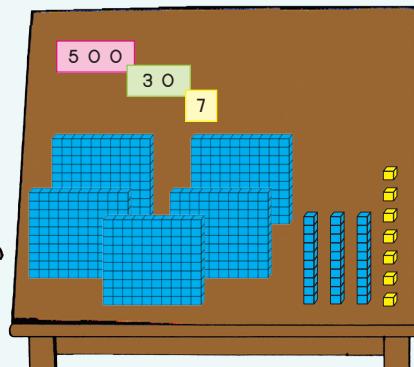
Kotara ya 3



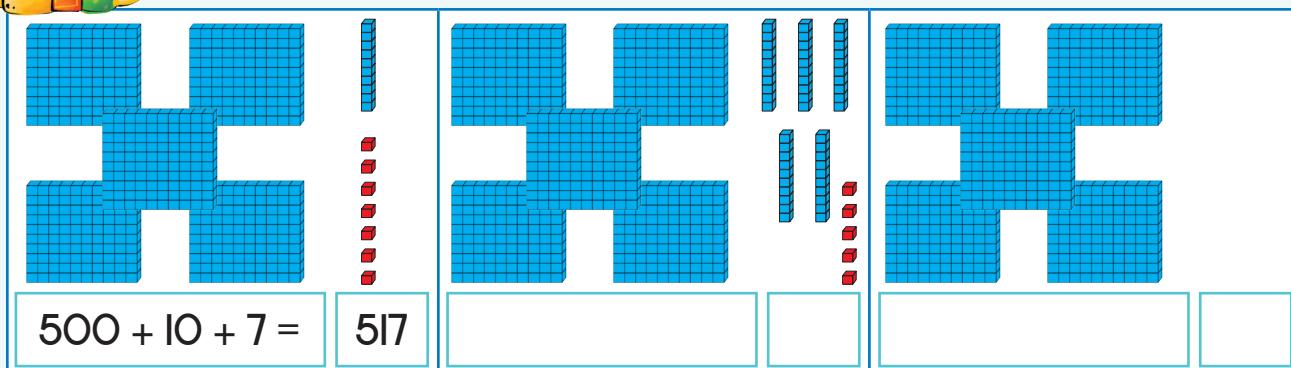
Peter o na le dikarata tša kemapalo ye e latelago le motheopalo wa dipoloko tše 10.

Morutiši o kgopela Peter gore a bontšhe 537 ka dikarata le dipoloko tša gagwe..

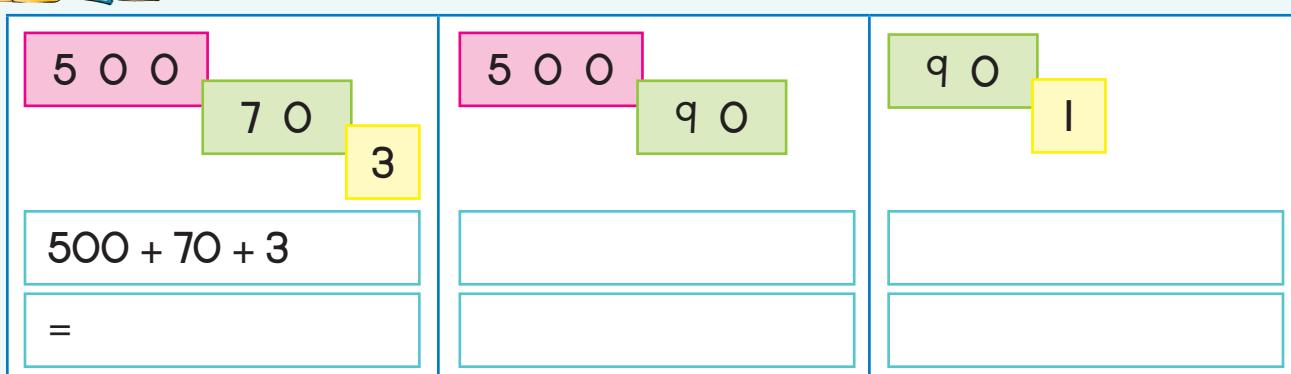
Se ke seo Aakar a se bontšhitšego. O šaeditše eng?



Ngwala lefokopalo, ka morago o ngwale karabo.



Ngwala lefokopalo, ka morago o ngwale karabo.





Feleletša mothalopalo.

550 551 552 560

Ngwala dinomoro ka moka tše di lego tše nnyane go 556.

Ngwala dinomoro ka moka tše di lego tše kgolo go 556.



Hlopholla nomoro ya gago.

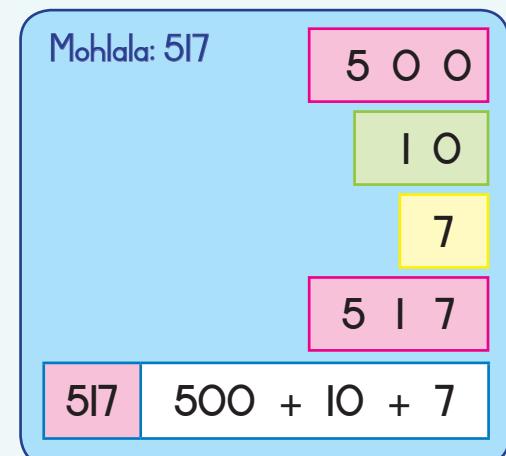
- Aga nomoro ye nngwe le ye nngwe ka dikarata tša gago.
- Ngwala kemapalo ya mono wo mongwe le wo mongwe.

Go na le meno ye lesome.

0 1 2 3 4 5 6 7 8 9

Re di bea mmogo gore di dire dinomoro.

495	
508	
594	
549	
602	



Ngwala mainapalo.

221	
486	
369	
419	
491	



11 12 13 14 15 16 17 18 19 20

67

Dinomoro 600 go fihla go 700

Letšatšikg wedi:

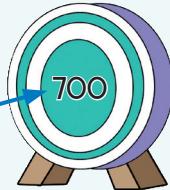
Kotara ya 3



Bala gomme o ngwale.

- a. Šomiša papetla ye e latelago go go thuša go bala go tloga go 600 go fihla go 700.
Balela dinomoro godimo ge o dutše o bala.

600



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

- b. Ngwala dinomoro tše di tlogetšwego mo kriting ya mo godimo.
c. Ngwala dinomoro tše 10 tše di tlago ka morago ga 600.

600; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

- d. Ngwala dinomoro tše 8 tše di latelago ka patrone ya di-2.

622; 624; 626; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

- e. Ngwala dinomoro ka moka ka patrone ya di-2 go tloga go 611 go fihla go 633.

611; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 633

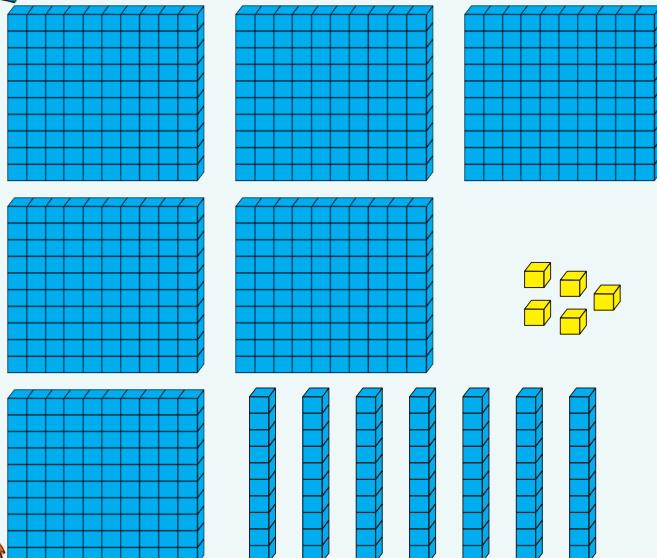
- f. Ngwala dinomoro tše 8 tše di latelago ka patrone ya di-5.

645; 650; 655; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____



2

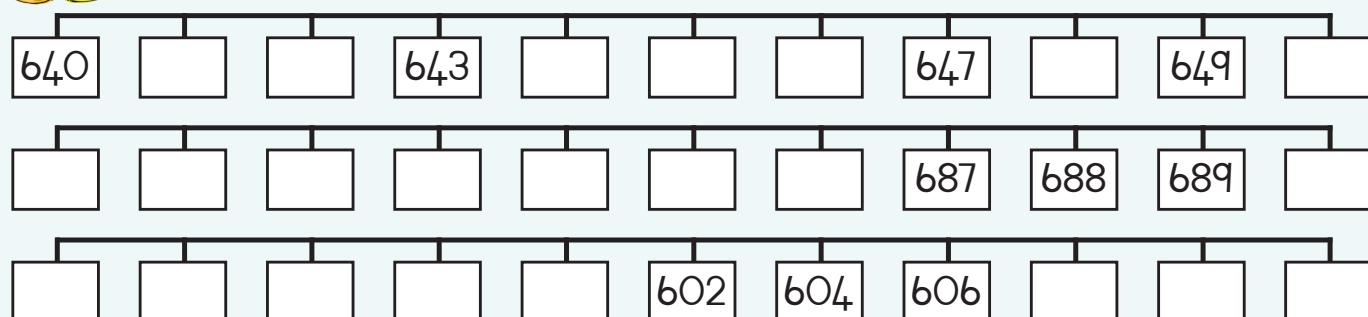
Na ge o bala o hwetša dipoloko tše kae?



Na o badile bjang dipoloko?

3

Feleletša methalopalo.



4

Feleletša lenaneo.

Ngwala go tloga go ye
nnyane go feta go ya go ye
kgolo go feta

Ngwala go tloga go ye
kgolo go feta go ya go ye
nnyane go feta

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



5

Ngwala nomoro ye e latelago ka mantšu.

631

11 12 13 14 15 16 17 18 19 20

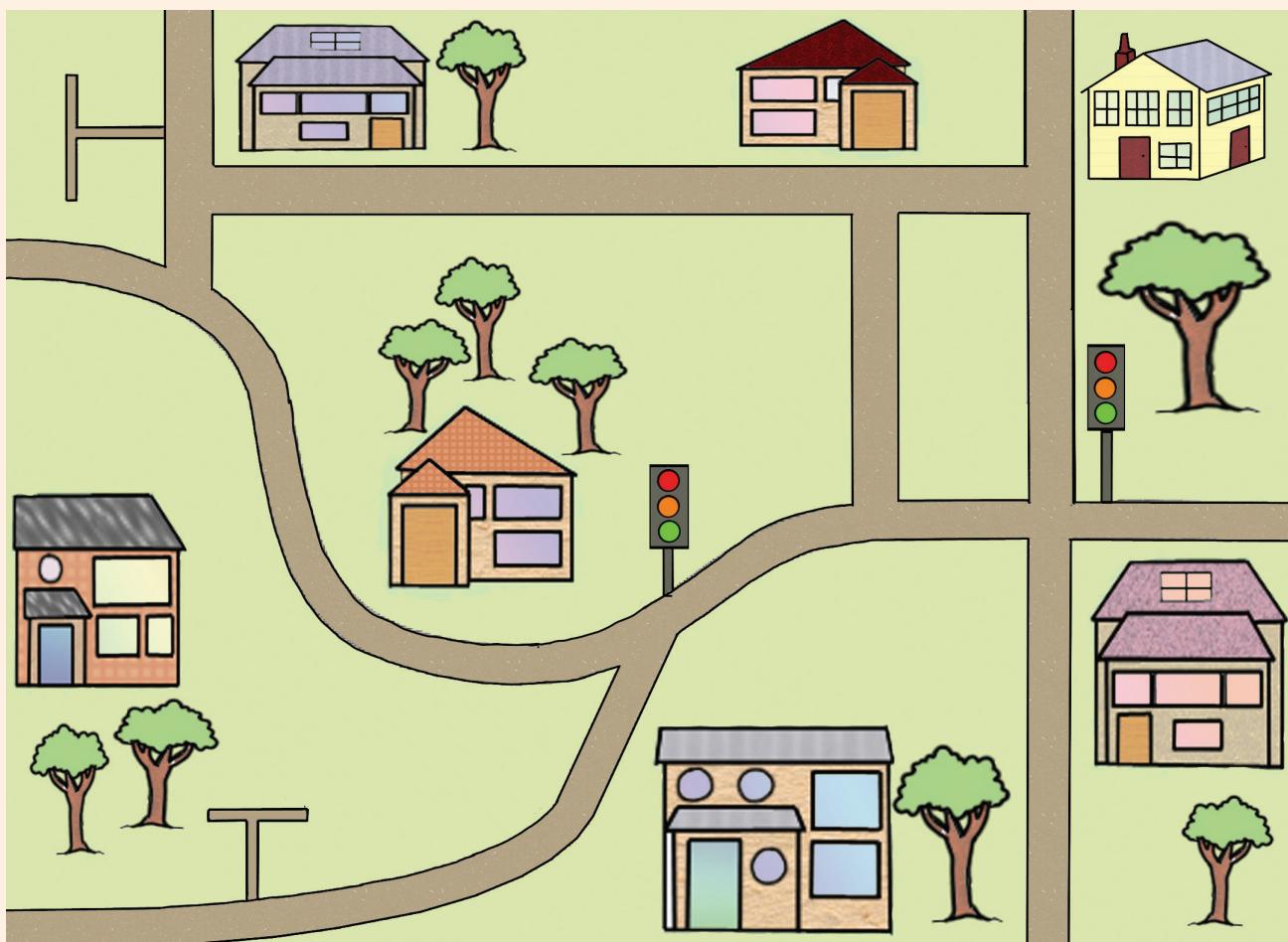


Letšatšikg wedi:

Mošomo wa mmepe

Lebelela seswantšho.

- Ke eng?
- Re se šomišetša eng?
- Re tla hwetša eng mo mmepeng?



Thala tše di latelago mo mmepeng:

Bokgobapuku, dikolo, kliniki, bookelo, seteišene sa maphodisa le mabenkele.
O ka oketša mebila.



Šomiša mmepe wo o lego
letlakaleng la go feta gore o thuše bagwera
ba gago gore ba hwetše tsela go tloga:

- a. kliniking go ya seteiseneng sa maphodisa.

- b. sekolong go ya kliniking.

- c. sekolong go ya mabenkeleng.

- d. mabenkeleng go ya bokgobapuku.

- e. bokgobapuku go ya sekolong.

- f. bookelong go ya sekolong.

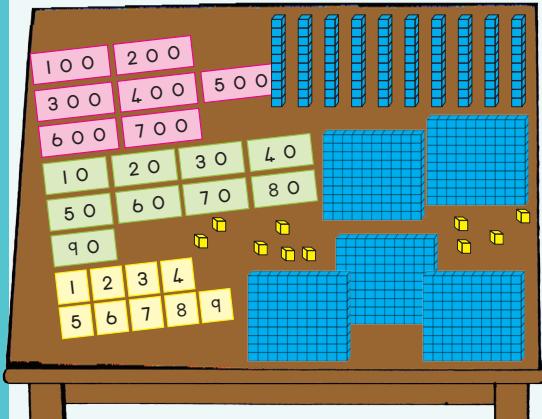


69

Dinomoro tše dingwe gape 600 go fihla go 700

Letšatšikg wedi:

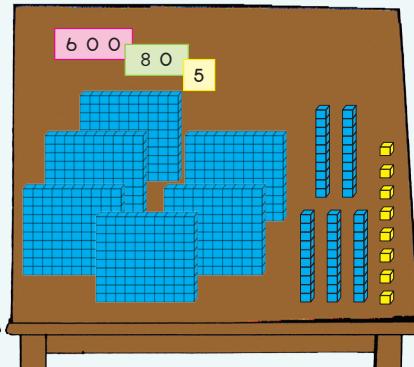
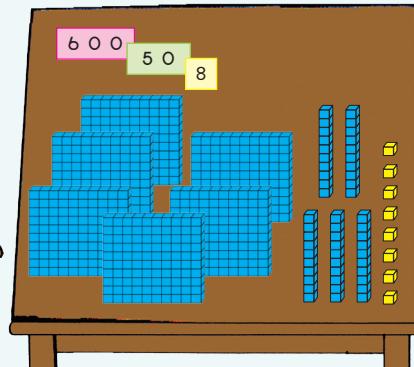
Kotara ya 3



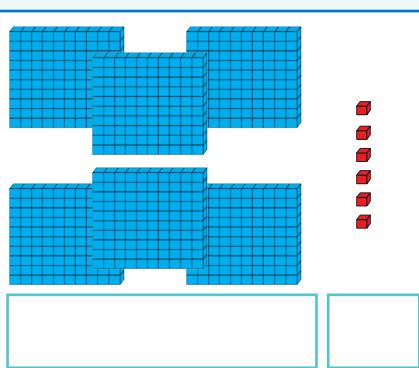
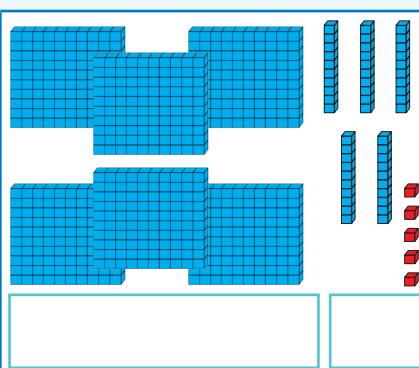
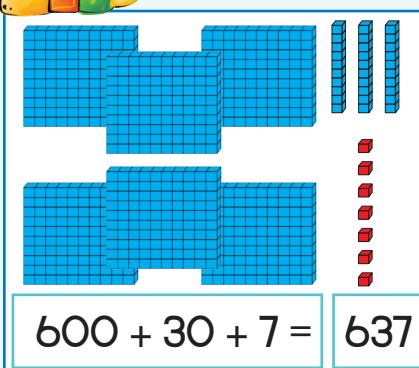
Peter o na le dikarata tša
dikemapalo tše di latelago le
dipoloko tša motheopalo tša 10.

Morutiši o kgopela Peter gore
a bontšhe 658 ka dikarata le
dipoloko tša gagwe.

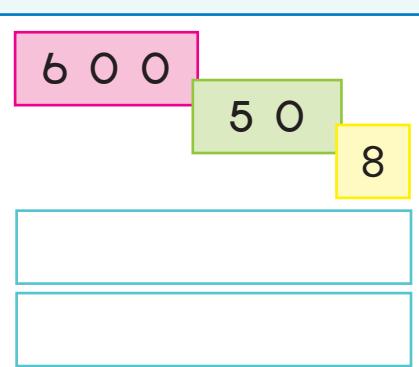
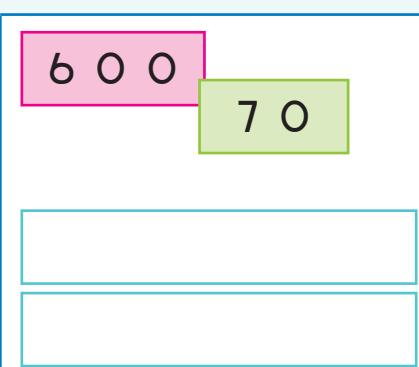
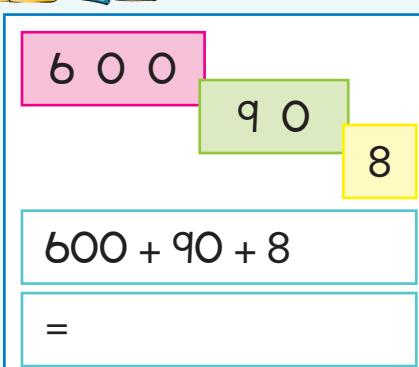
Se ke seo Aakar a se
bontšhitšego.
O šaeditše eng?

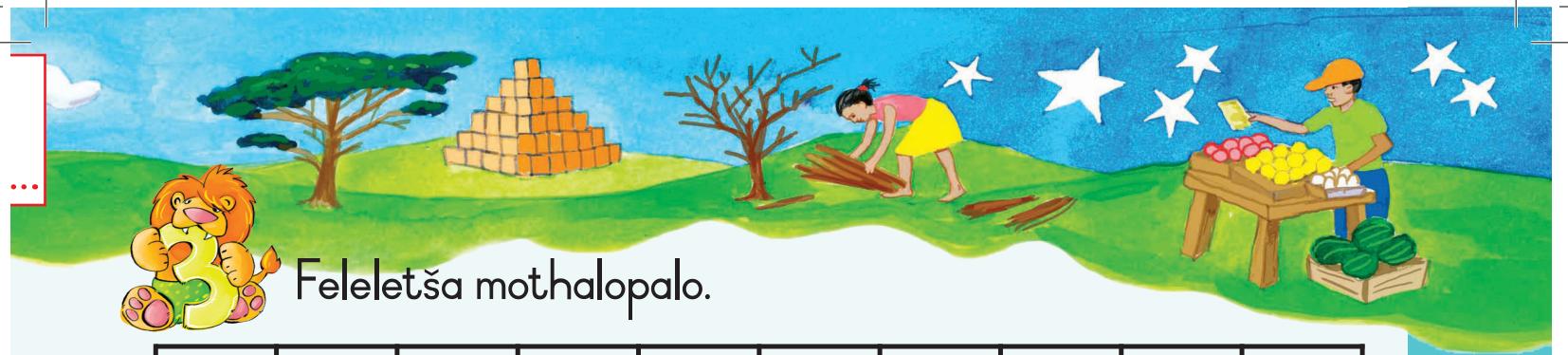


Ngwala lefokopalo, ka morago o ngwale karabo.



Ngwala lefokopalo, ka morago o ngwale karabo.





Feleletša mothalopalo.

670 671 672 680

Ngwala dinomoro ka moka tše di lego tše nnyane go **675**.

Ngwala dinomoro ka moka tše di lego tše kgolo go **675**.



Ngwala < goba > goba =

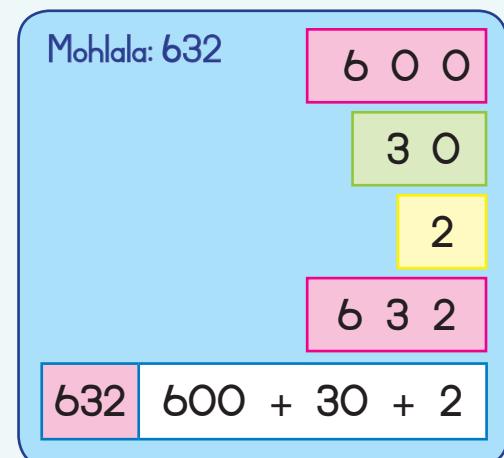
- a. 670 607 b. 688 699
c. $600 + 50 + 5$ 655



Hlopholla nomoro ya gago.

- a. Aga nomoro ye nngwe le ye nngwe ka dikarata tša gago.
b. Ngwala kemapalo ya mono wo mongwe le wo mongwe. Bjale dira tše: Hlopholla nomoro ya gago.

686	
690	
699	
673	
665	



Ngwala mainapalo.

672	
693	
607	
697	
660	



70

Dinomoro 650 go fihla go 750

Letšatšikg wedi:

Kotara ya 3

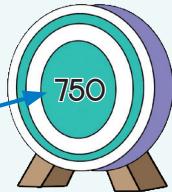


Bala o ngwale.

- a. Šomiša papetla ye e latelago go go thuša go bala go tloga go 700 go fihla go 750.

Balela dinomoro godimo ge o dutše o bala.

650



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

b. Ngwala dinomoro tše di tlogetšwego, mo go kriti ya mo godimo.

c. Ngwala dinomoro tše 10 tše di tlago ka morago ga 650.

650; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

d. Ngwala dinomoro tše 8 tše di latelago mo patroneng ya di-2.

705; 707; 709; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

e. Ngwala dinomoro ka moka mo patroneng ya di-3, go thoma go 719 go fihla go 749.

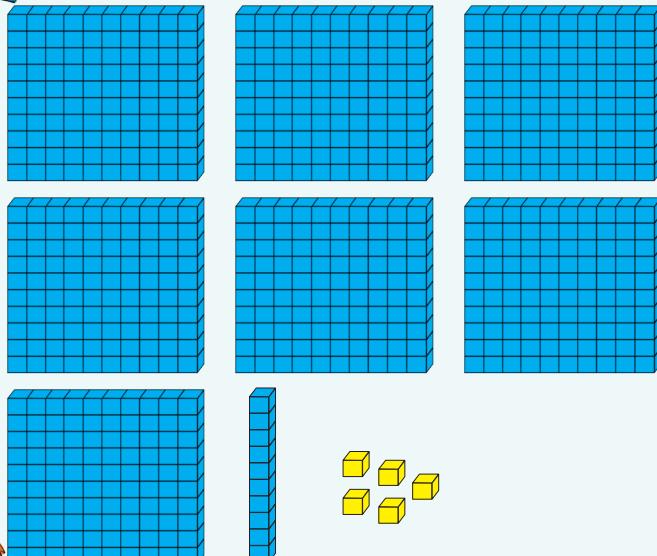
719; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 749

f. Ngwala dinomoro tše 8 tše di latelago mo patroneng ya di-5.

705; 710; 715; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____



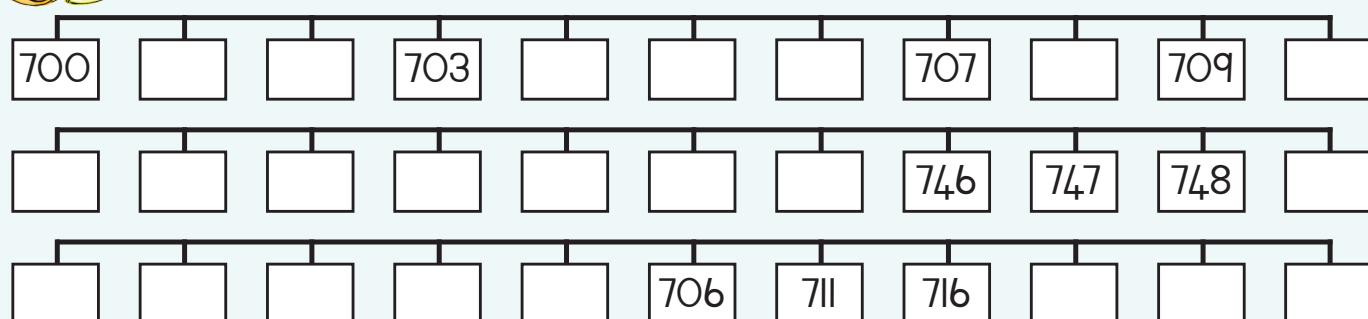
Na ge o bala o hwetša dipoloko tše kae?



O badile bjang dipoloko?



Feleletša methalopalo.



Feleletša lenaneo.

Ngwala go thoma go ye
nnyane go feta go fihla go
ye kgolo go feta

Ngwala go thoma go ye
kgolo go feta go fihla go ye
nnyane go feta

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



Teacher:

Sign:

Date:



Ngwala nomoro ye e latelago ka mantšu.

706

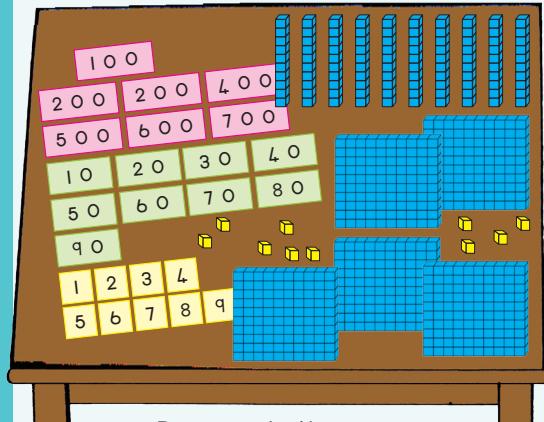
11 12 13 14 15 16 17 18 19 20

71

Dinomoro 700 go fihla go 750

Letšatšikg wedi:

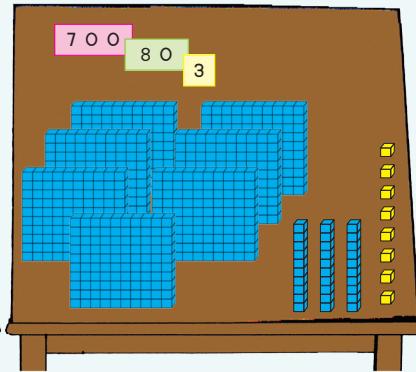
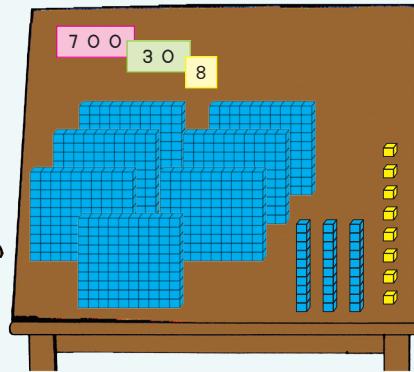
Kotara ya 3



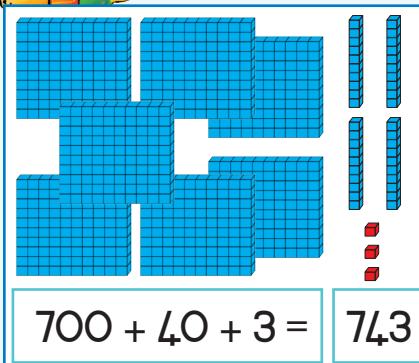
Peter o na le dikarata tša
dikemapalo tše di latelago le
dipoloko tša motheopalo tša IO.

Morutiši o kgopela Peter gore
a bontshe 738 ka dikarata le
dipoloko tša gagwe.

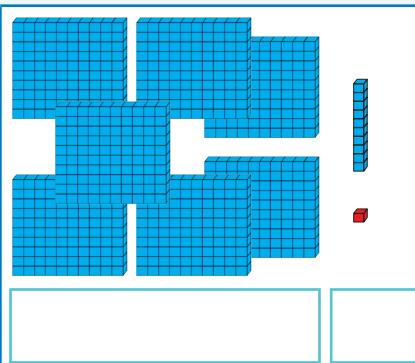
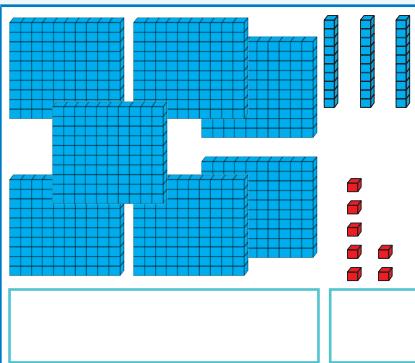
Se ke seo Tumišo a se
bontshitšego.
O šaeditše eng?



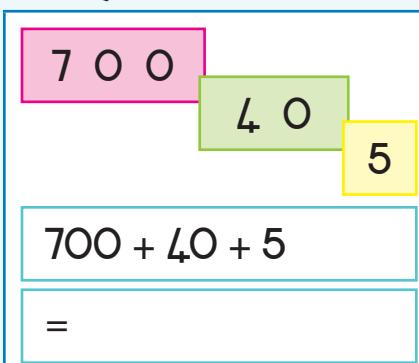
Ngwala lefokopalo, ka morago o ngwale karabo.



$$700 + 40 + 3 = 743$$

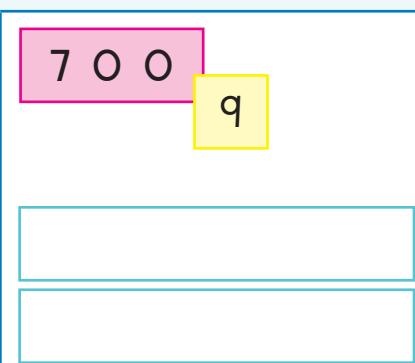
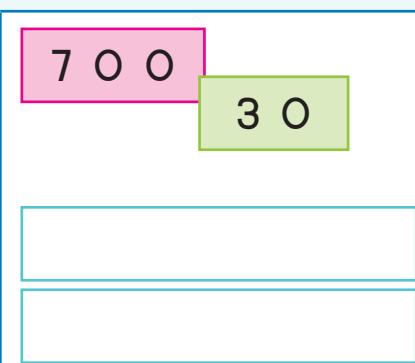


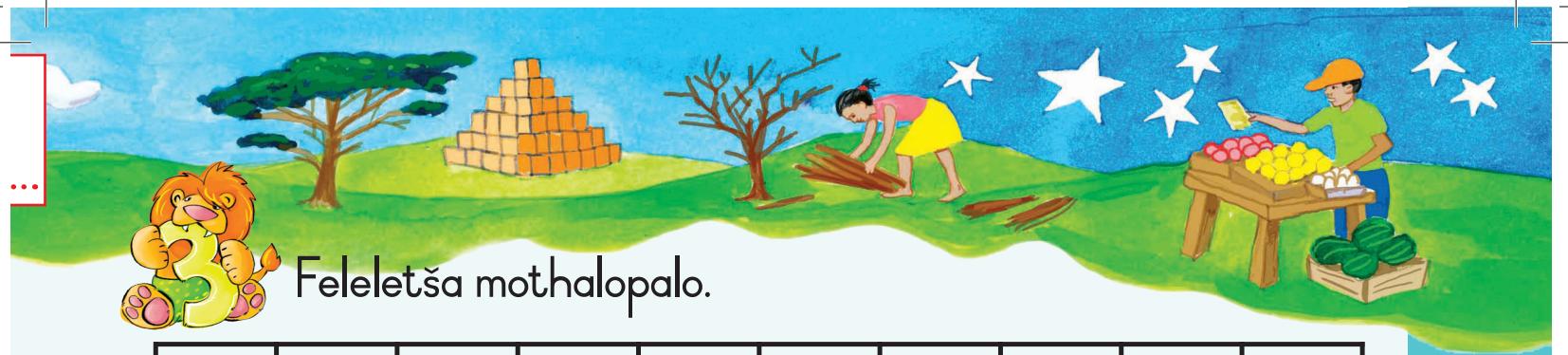
Ngwala lefokopalo, ka morago o ngwale karabo.



$$700 + 40 + 5$$

=





Feleletša mothalopalo.

699 700 701 709

Ngwala dinomoro ka moka tše di lego tše nnyane go 704. _____

Ngwala dinomoro ka moka tše di lego tše kgolo go 704. _____



Ngwala < goba > goba =

a. 750 749 b. 732 723

c. $700 + 40 + 9$ 749

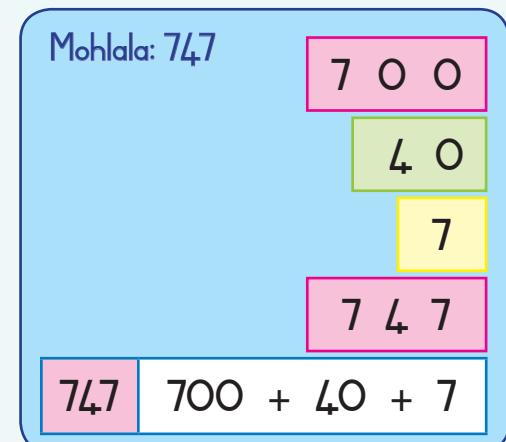


Hlopholla nomoro ya gago.

a. Aga nomoro ye nngwe le ye nngwe ka dikarata tša gago.

b. Ngwala kemapalo ya mono wo mongwe le wo mongwe. Bjale dira tše: Hlopholla nomoro ya gago.

750	
728	
703	
730	
749	



Ngwala mainapalo.

714	
750	
742	
738	
704	



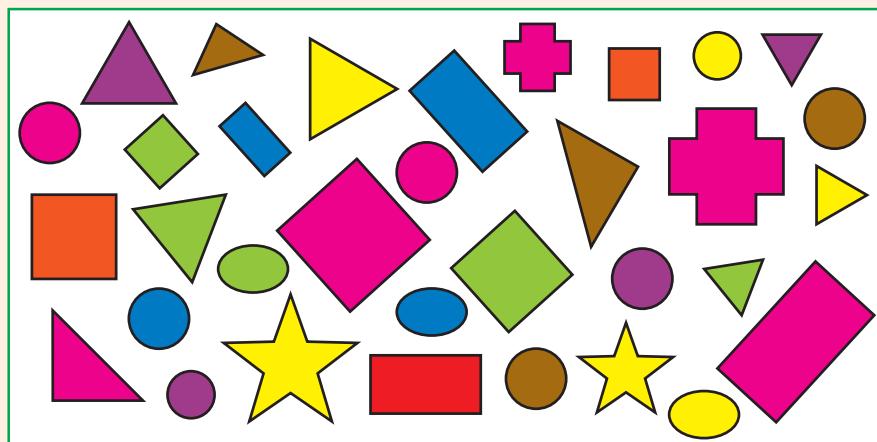
72

Letšatšikwedi:

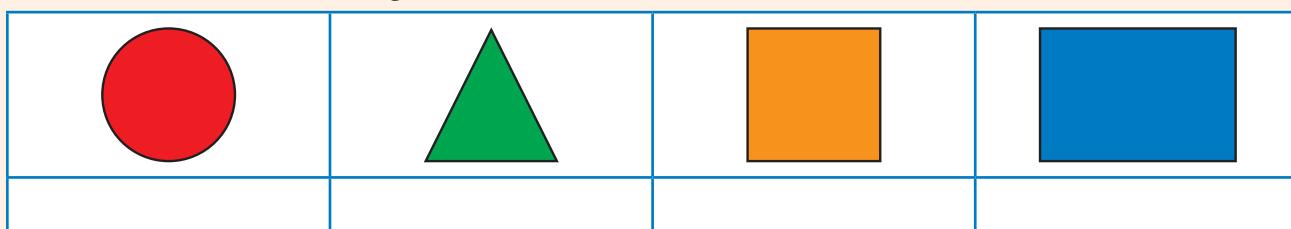


Kotara ya 3

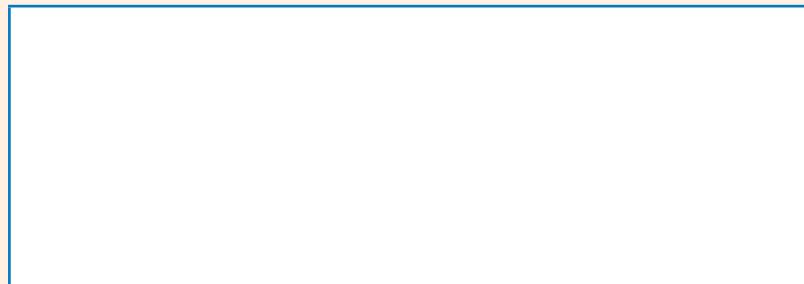
Bolela gore na
sebolepego se na le
lehlekorethwi goba
lehlekorekgokolo.



Bolela gore na sebolepego se na le lehlekorethwi goba
lehlekorekgokolo.



O ka kgona go thala
dibolepego tše kae ka
merumo ye e lego thwi.



Hwetša diswantšho.

Hwetša dibolepego tše di nago le
merumothwi gomme o di mamaretše mo.

Hwetša dibolepego tše di nago le merumo ya
nkgokolo gomme o di mamaretše mo.





Feleletša tše di latelago:

	Thala sebolego ka maemo a go fapana.
khutlotharo	
khutlonnethwi	
sekwere	



Feleletša lenaneo:

Efa sebolego leina	Thala sebolego seo se lego se sennyane kudu.	Thala sebolego seo se lego se segolo kudu.



Hwetša dikwere, dikhutlotharo, dikhutlonnethwi le didiko tša bogolo bja go fapana ka go dikgatišobaka goba ka go dikuranta.

Di mamaretše mo.



Teacher:	
Sign:	
Date:	

73

Go hlakantšha le go ntšha go fihla go 800

Kotara ya 3



Nka reka eng ka R500?

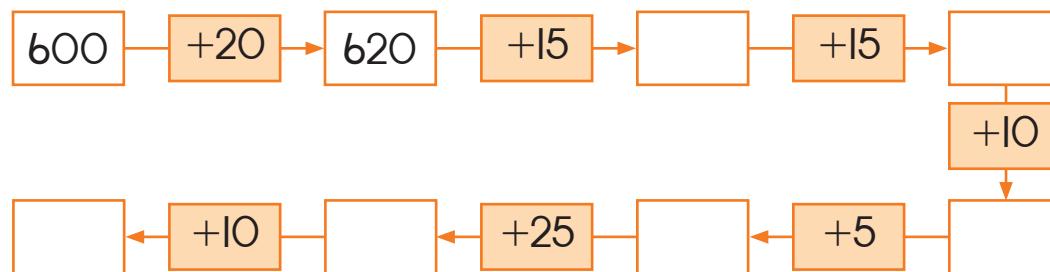
Mo go dilo tše, ke dife
tšeо nka di rekago, tša
ja R500 tlwa!?



Oketša go thoma go 600.

Ngwala dinomoro tšeо di tlogetšwego.

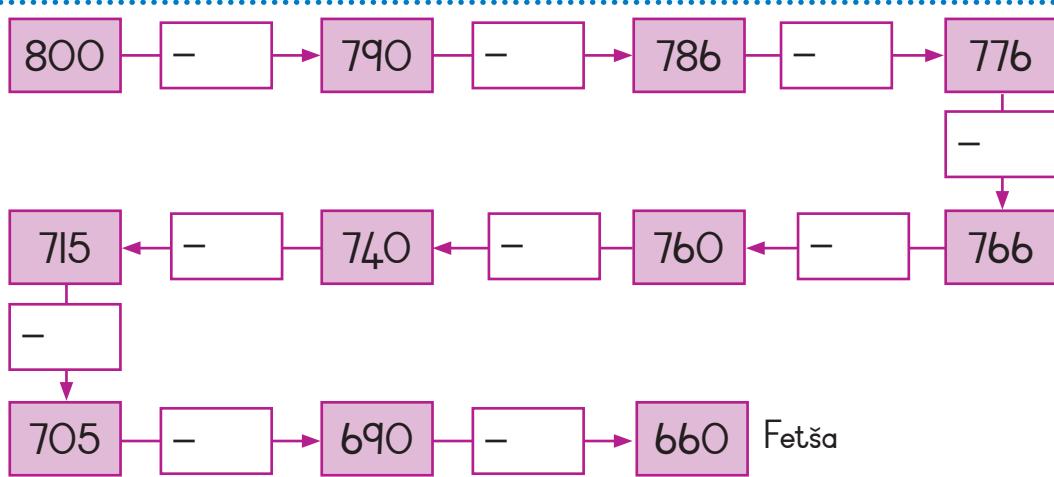
Thoma



Balela morago, go tloga go 800.

Ngwala "phetogo" ka dinako tšohle.

Thoma





Rarolla tše di latelago:

$725 + 53 =$

$664 + 87 =$

$564 + 132 =$

$75 + 717 =$



Rarolla tše di latelago:

Molelo o kgobokeditše dimabolo tše 525.

Ge Tumišo a mo file dimabolo tše dingwe tše 205, Molelo o tla ba le palo ya go swana le ya Tumišo.

- Ba tla be ba na le dimabolo tše kae bobedi bja bona?
 - Mathomong Tumišo o be a na le dimabolo tše kae?
- a.
b.



74

Go hlakantšha le go ntšha, gape, go fihla go 800

Letšatsikg wedi:

Kotara ya 3

Maloko a dinomoro.

Re ka dira maloko a dinomoro.

Leloko le lengwe le le lengwe le na le
dinomoro tše pedi tše kgolo, le e tee ye
nnyane.

Tše 4, 8 le 12, e le mohlala.



Humana maloko.

Ngwala mafokopalo a 4 mo go sehlopha se sengwe le se sengwe.

$4 + 8 = 12$	$8 + 4 = 12$
$12 - 8 = 4$	$12 - 4 = 8$

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



Nyaka dikgokagano.

Mo go mošongwana wo re ile go šupa patronē.

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



Leeto le letelele ka sefatanaga.

Mna Letsoalo o sepela ka sefatanaga go yo etela mmagwe yo a dulago bokgole bja dikelometara tše 352 go tloga moo a dulago.

O ema ka morago ga dikelometara tše 166. Na o šaletšwe ke dikelometara tše kae?

Mogoroši o dira se:	Boati o ngwala se:
$352 - 166$ $\begin{array}{ccccccc} +4 & +30 & +100 & +52 \\ \hline 166 & 170 & 200 & 300 & 352 \end{array}$ $30 + 4 + 100 + 52$ $= 134 + 52 = 186 \text{ km}$	$352 - 166$ $\begin{array}{r} 300 + 50 + 2 \\ - 100 + 60 + 6 \\ \hline 300 + 40 + 12 \\ - 100 + 60 + 6 \\ \hline 200 + 140 + 12 \\ - 100 + 60 + 6 \\ \hline 100 + 80 + 6 \\ = 186 \text{ km} \end{array}$
Oketšo o dira se:	Peter o dira se:
$352 - 166$ $166 + 100 \rightarrow 266 + 34 \rightarrow 300 + 52 \rightarrow 352$ $100 + 34 + 52 = 134 + 52 = 186 \text{ km}$	$352 - 166$ $\begin{array}{r} 352 - 100 - 66 \\ = 252 - 66 \\ = 252 - 52 - 14 \\ = 200 - 14 \\ = 186 \text{ km} \end{array}$
Veronica o dira se:	Phuki o nagana ka dipedifatšo le diripagare:
$352 - 166$ $352 - 152 = 200$ $200 - 14 = 200 - 10 - 4$ $= 190 - 4$ $= 186 \text{ km}$	$\text{Seripagare sa } 352 \text{ ke } 176$ $\text{Eupša ke swanetše go tše } 166,$ $\text{Ka fao ke hlakantšha ke bušetša } 10.$ $176 + 10 = 186 \text{ km}$
Bolela ka ga mekgwa ya go fapano. Ke mokgwa ofe wo o o ratago go feta? Efa lebaka?	



Rarolla tše di latelago mo pampiring ye nngwe:

Šomiša ofe goba ofe wa mekgwa ye ya ka godimo.

$746 - 328$

$800 - 499$



Teacher:

Sign:

Date:

75

Go hlakants̄ha le go nt̄sha,
go fihla go 800 gape

Letšatsikg wedi:

Kotara ya 3



Itirele maloko a dinomoro.

Mošongwana wa go itokiša.

5 12 17



Mohlala: Dira 17

$$5 + 12 = 17$$

$$12 + 5 = 17$$

$$17 - 12 = 5$$

$$17 - 5 = 12$$

$$8 + 9 = 17$$

$$9 + 8 = 17$$

$$17 - 9 = 8$$

$$17 - 8 = 9$$

8 9 17

Lekolal! Bapetša!
Lokiša!

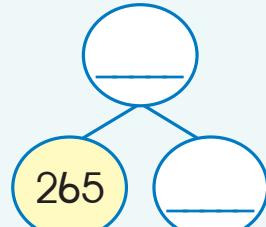
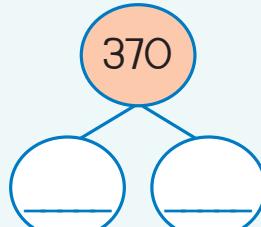
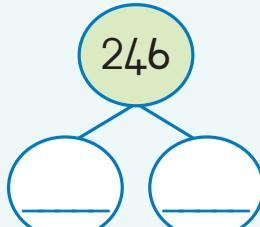
Mo go nomoro ye nngwe le ye nngwe, kgetha 2 gape, go dira maloko.

Ngwala mafokopalo a mane (pedi +, le pedi -) mo go lefokopalo le lengwe le le lengwe.

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



Hwetsa dipedi goba
diripagare tseo di
tlogetšwego.





Go ripa gare e le go ntšha.

Ge o tseba diripagare le dipedifatšo, ka nako ye nngwe o ka di šomišetša go hlakantšha le go ntšha. Mohlala:

$$\begin{aligned} 34 - 18 &= 16 \\ 34 - 17 &= 17 \\ 17 - 1 &= 16 \end{aligned}$$

$$\begin{aligned} 190 - 97 &= 93 \\ 190 - 95 &= 95 \\ 95 - 2 &= 93 \end{aligned}$$

$$\begin{aligned} 65 + 69 &= 134 \\ 65 + 65 &= 130 \\ 130 + 4 &= 134 \end{aligned}$$

$$\begin{aligned} 242 + 249 &= 491 \\ 242 + 242 + 7 &= 484 + 7 \\ 484 + 7 &= 491 \end{aligned}$$

Bjale leka tše:

$$340 - 176$$

$$145 + 148$$

$$900 - 452$$



Ithute mekgwa.

Yo mongwe le yo mongwe wa bana ba 256 o hwetša mpho ya Krisemose. Seripagare se hwetša mepopo, seripagare se hwetša difatanaga. Ke ba bakae bao ba hwetšago difatanaga?

Mokgwa wa 1	Mokgwa wa 2
$256 = 200 + 50 + 6$ \rightarrow Seripagare sa 200 ke 100 \rightarrow Seripagare sa 50 ke 25 \rightarrow Seripagare sa 6 ke 3 $100 + 25 + 3 = 128$ \rightarrow Seripagare sa 256 ke 128 Ka fao ba 128 ba hwetša dikoloi.	\rightarrow Seripagare sa 250 = 125 \rightarrow Seripagare sa 6 ke 3 $125 + 3 = 128$ \rightarrow Seripagare sa 256 ke 128, Ka fao 128 ba hwetša dikoloi.



Rarolla tše di latelago mo pampiring ye nngwe:

Šomiša ofe goba ofe wa mekgwa ye ya ka godimo.

Bana ba 728, yo mongwe le yo mongwe o hwetša sebapadišwa mo kuranteng ya mo gae. Seripagare sa bona se hwetša dipoloko tša go aga. Ke ba bakae bao ba hwetšago dipoloko tša go aga?

Bana ba 642, yo mongwe le yo mongwe o hwetša kuku ya mafini. Seripagare sa bona se hwetša dimafini tša tšokolete. Ke ba bakae bao ba hwetšago dimafini tša tšokolete?



76

Patrone ya dinomoro: di-10 go fihla go 800

Letšatšikgwedi:

Kotara ya 3



O ka bolela eng ka ga dinomoro mo go dipoloko tseo di khalarilwego ka mmala wa namune?

Bala di-10 go tloga go 710 go fihla go 800.

Ke eng ye e latelago 710 ge o bala ka di-10?

Balela morago ka di-10 go tloga go 800 go fihla go 710.

Ke eng ye e tloga pele ga 760 ge o balela morago?

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



Feleletša mafokopalo.

720; 730; 740; _____ ; _____ ; _____

800; 790; 780; _____ ; _____ ; _____



Hlakantšha le, goba ntšha 10.

I. Oketša palo ye e filwego, ka 10. Re go diretše ya mathomo.

a. $767 + 10 = 777$

b. 762 _____

c. 783 _____

d. 756 _____

e. 714 _____

f. 799 _____



2. Ntšha 10 go palo ye e filwego. Re go diretše ya mathomo.

a. $767 - 10 = 757$

b. 762 _____ c. 783 _____ d. 756 _____ e. 714 _____ f. 799 _____

3. Go direga eng ge o oketša ka, goba o ntšha 10 mo go dipalo tša mo godimo?



Lebelela didiko tše khubedu mo papetleng ya dinomoro.

a. O lemoga eng ka ga didiko? _____

b. Oketša ditatelano tše tša dinomoro:

704; 714; 724; _____ ; _____ ; _____

782; 772; 762; _____ ; _____ ; _____

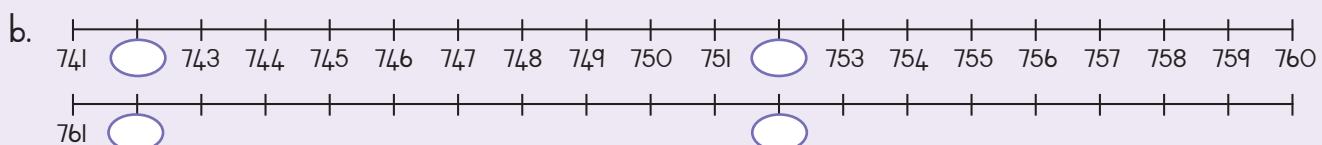
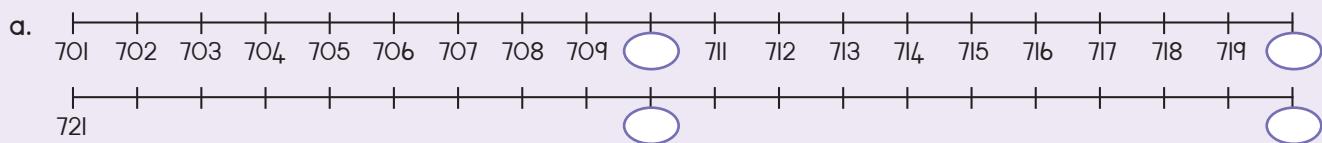
715; 725; 735; _____ ; _____ ; _____

737; 747; 757; _____ ; _____ ; _____

799; 789; 779; _____ ; _____ ; _____



Ngwala nomoro ya maleba sedikong se sengwe le se sengwe mo go methalopalo ye.



Ke na le nomoro ya meno ye 3.



Mono wa mathomo ke 7, wo o latelago o feta 7 ka l, gomme mono wa mafelelo o fetwa ke 7 ka l.



Ge o balela pele ka di-10 go tloga go nomoro ye, nomoro ye e ka ba eng?



11 12 13 14 15 16 17 18 19 20

77

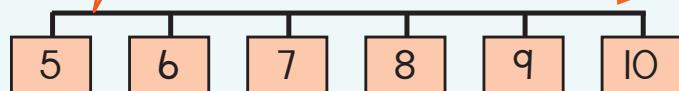
Go enetša ka go ya go lesome la kgauswi

Letšatšikg wedi:

Kotara ya 3

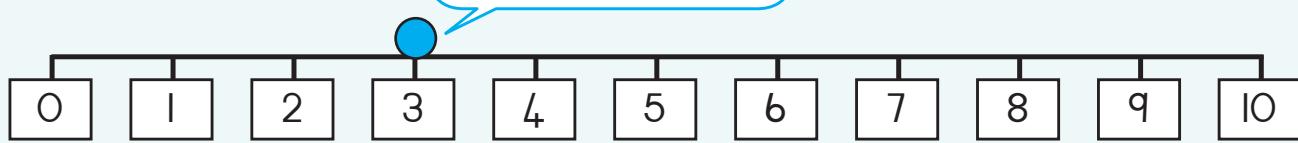
Dinomoro ka moka go tloga go 4 go ya morago, di tla enetšwa go ya go 0.

Dinomoro ka moka go ya pele go tloga go 5 di tla enetšwa go ya go 10.

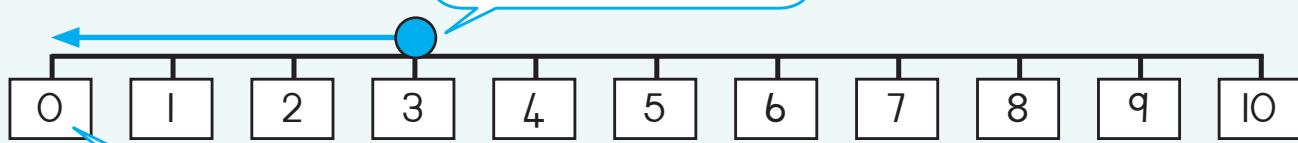


A re boleleng.

Lebelela 3 mo go mothlopalo.



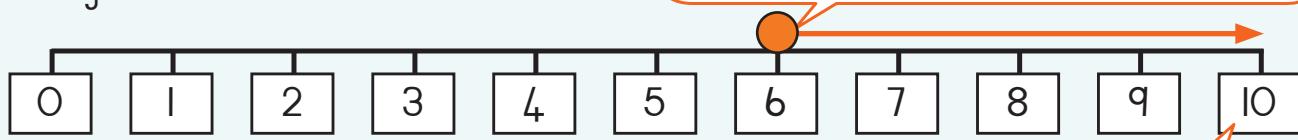
3 e tla ba eng ge enetšwa?



3 ge e enetšwa go lesome (10) la kgauswi e tla ba 0.

Dira bjalo ka:

6 e tla ba eng ge e enetšwa go ya go lesome (10) la kgauswi?



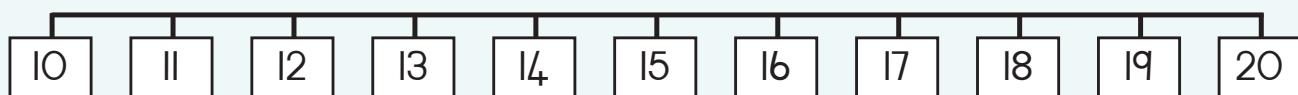
Karabo e tla ba 10.



Enetša go ya go lesome (10) la kgauswi.

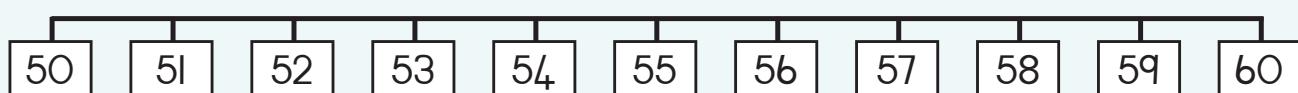
12 ge e enetšwa ke? _____

19 ge e enetšwa ke? _____



53 ge e enetšwa ke? _____

58 ge e enetšwa ke? _____





Enetša go ya go lesome (10) la
kgauswi, o šomiša mothalopalo go go thuša.

a. 46

46

50

46 e magare ga di-10 dife tše?

40

41

42

43

44

45

46

47

48

49

50

63 e magare ga di-10 dife?

b. 63

37 e magare ga di-10 dife?

c. 37

99 e magare ga di-10 dife?

d. 99



Tom o na le R48,00.



Phakete ya dikarata tše a di kgoboketšago e ja R5,00.

Na a ka reka diphakete tše kae ka R48,00? _____





Katišo: di-5 go fihla go 75

Kotara ya 3

Ke eng se se tlago ka di-5?

Menwana ya seatla se tee.



Ke menwana ye mekae mo go:

Diatla tše 2

Diatla tše 3?

Diatla tše 4?

Diatla tše 5?

Diatla tše 6?

Diatla tše 7?

Diatla tše 8?

Diatla tše 9?

Diatla tše 10?

Nyalanya palo le potšišo ye e lego ka go la nngele:

$$9 \times 5 = 45$$

$$7 \times 5 = 35$$

$$\textcolor{red}{2} \times 5 = 10$$

$$4 \times 5 = 20$$

$$3 \times 5 = 15$$

$$5 \times 5 = 25$$

$$10 \times 5 = 50$$

$$6 \times 5 = 30$$

$$8 \times 5 = 40$$



Feleletša lenaneo le.

Go hlopha	Atiša	Go abagana	Go arola
Dihlopha tše 2 tša di-5	$2 \times 5 = 10$	Abaganya 10 magare ga 5	$10 \div 5 = 2$
Dihlopha tše 7 tša di-5		Abaganya 35 magare ga 5	
Dihlopha tše 12 tša di-5		Abaganya 60 magare ga 5	
Dihlopha tše 15 tša di-5		Abaganya 75 magare ga 5	

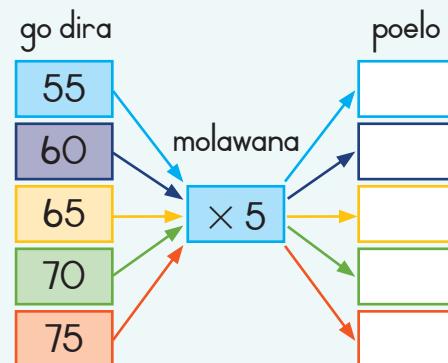
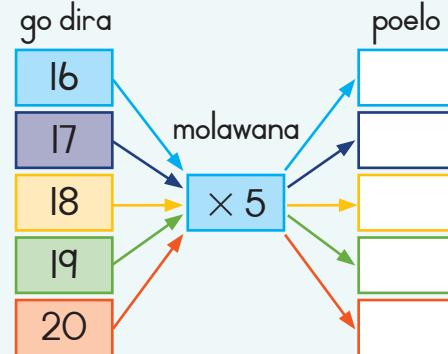
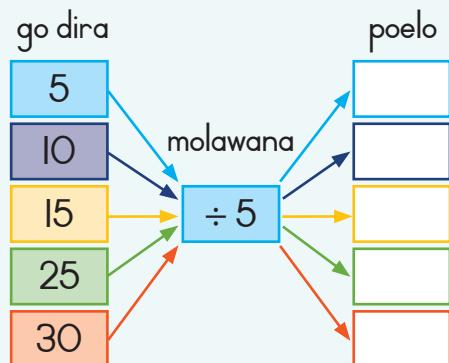
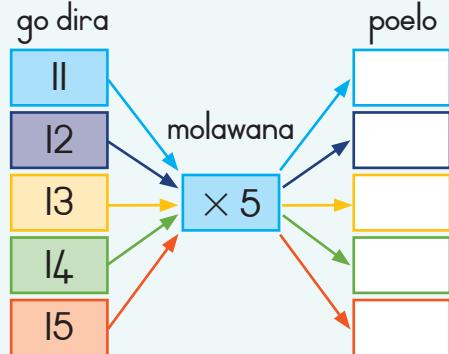


Feleletša lenaneo le.

Go abagana	Go arola
Abaganya 35 magare ga 5	$12 \div 5 = 2$ go šala 2
Abaganya 64 magare ga 5	
Abaganya 39 magare ga 5	
Abaganya 73 magare ga 5	



Feleletša diswantšho
tša go laetša tatelano ya ditiro.



Feleletša mananeo a:

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

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

O hweditše bjang dikarabo tše di swanetšego go ngwalwa ka dipolokong tše talalerata?

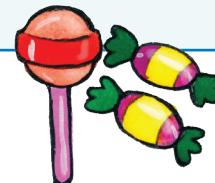


Rarolla tše di latelago:

Mma o rekile diphuthelwana tša malekere a go ja R70.

O lefile R5 sephuthelwana se tee.

Na o rekile diphuthelwana tše kae tša malekere?



II I2 I3 I4 I5 I6 I7 I8 I9 20

79

Patrone ya dinomoro: di-5 go fihla go 800

Letšatšikg wedi:

Kotara ya 3



Na o ka bolela eng ka dinomoro tšeо di lego
dipolokong tša mmala wa namune?

Bala di-5 go tloga go 705 go fihla go 800.
Ke nomoro efe yeo e tloga ka morago ga 720
ge o bala ka di-5?

Balela morago ka di-5 go tloga go 800 go
fihla go 705.
Ke nomoro efe ye e tloga pele ga 730 ge o
balela morago?

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



Feleletša mafokopalo.

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



Hlakantšha goba o ntšhe 5.

a. $760 + 5 = 765$

I. Oketša nomoro ye e filwego ka 5. Re go diretše ya mathomo.

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



2. Fokotša nomoro ye e filwego ka 5. Re go diretše ya mathomo.

$$a. 765 - 5 = 760$$

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

3. Go direga eng ge o hlakantšha ka 5 goba o ntšha 5 dinomorong tša mo godimo?



Lebelela didiko tše khubedu mo lenaneong la dinomoro.

a. O lemoga eng ka didiko tše? _____

b. Oketša mafokopalo a a latelago:

703; 708; 713; _____ ; _____ ; _____

722; 727; 732; _____ ; _____ ; _____

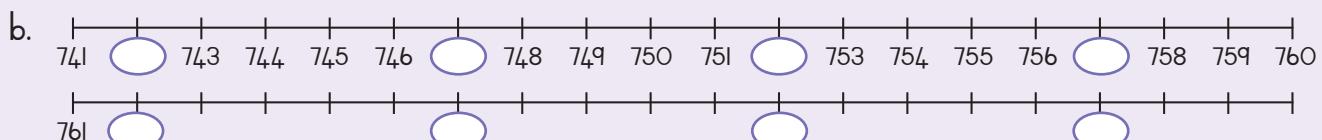
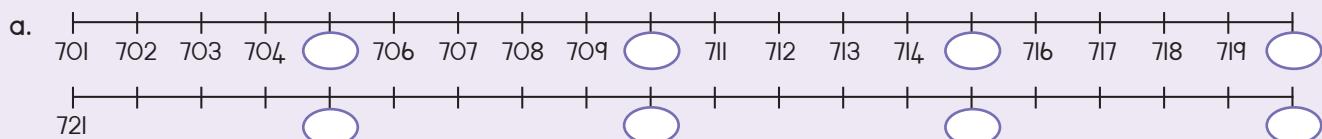
753; 758; 763; _____ ; _____ ; _____

714; 719; 724; _____ ; _____ ; _____

701; 706; 711; _____ ; _____ ; _____



Ngwala nomoro ya maleba sedikong se sengwe le se sengwe mo methalopalong ye.



Ke na le dinomoro tša menotharo.



Mono wa mathomo ke 7, mono wo o latelago o feta 7, ka l gomme mono wa mafelelo o fetwa ke 7 ka 5.

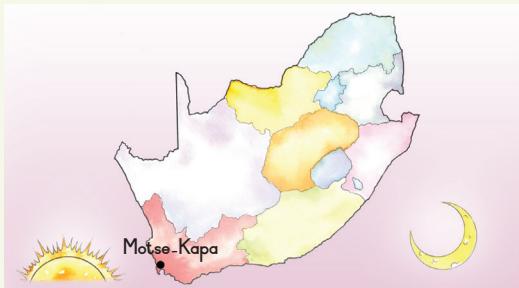
Ge o balela pele ka di-5 go tloga go nomoro ye, nomoro yeo e tla ba efe?





Motse-Kapa

Lenaneo le la mo tlase le laetša gore letšatši le hlaba neng gape le sobela neng ka dinako tše di fapanego tša ngwaga mo Motse-Kapa. Bala dinako tše di lego mo lenaneong gomme o ngwale lenaneo go ya pele, pele o araba dipotšišo tše tša mo tlase.



Motse-Kapa	Go hlaba ga letšatši	Go sobela ga letšatši	Botelele bja letšatši	Botelele bja bošego
Hlakola 23	6:53 ms	6:53 tp		
Mosegamanye 21	7:51 ms	5:44 tp		
Lewedi 19	6:41 ms	6:41 tp		
Manthole 22	5:32 ms	7:58 tp		

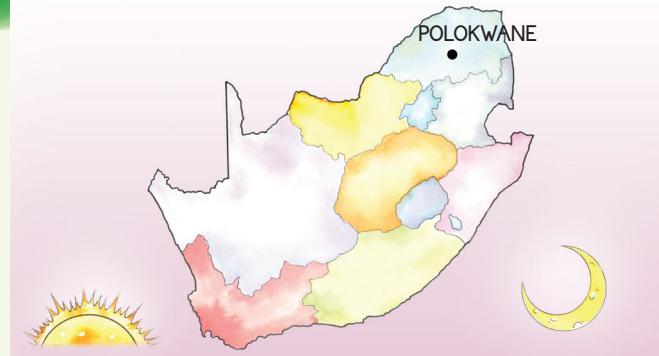
- Ke kgwedi dife tšeо mosegarе le bošego di lekanago ka botelele?
 - Ke kgwedi dife tšeо di nago le letšatši le letelele go feta? _____
 - Ke kgwedi dife tšeо di nago le letšatši le lekopana go feta? _____
 - Hwetša phapano ka diiri le metsotso magareng ga letšatši le letelele go feta le le lekopana go feta. _____
 - Mo letšatšikg weding le lengwe le lengwe lenaneo la ka godimo, hwetša botelele bja mosegarе le botelele bja bošego.
- _____
- _____



Polokwane

Lenaneo le le laetša go hlaba le go sobela ga letšatši mo dinakong tše di fapanago kua Polokwane.

Bala dinako mo lenaneong gomme o ngwale le mafelong a lenaneo pele o araba dipotšišo tše di lego mo tlase.



Polokwane	Go hlaba ga letšatši	Go sobela ga letšatši	Botelele bja letšatši	Botelele bja bošego
Hlakola 25	6:08 ms	6:08 tp		
Mosegamanye 21	6:44 ms	5:24 tp		
Lewedi 17	5:57 ms	5:57 tp		
Manthole 22	5:13 ms	6:50 tp		

- Ke kgwedi dife tšeо mosegare le bošego di lekanago ka botelele?
- Ke go dikgwedi dife tšeо go tšona botelele bja letšatši bo lekanago kua Motse-Kapa le kua Polokwane?
- Ke kgwedi dife moo di fapanago? _____
- Hwetša phapano ka diiri le metsotsa magareng ga letšatši le letelile go feta le lekopana go feta. _____
- Mo letšatšikgweding le lengwe le le lengwe lenaneo la ka godimo, hwetša **botelele bja mosegare** le **botelele bja bošego**.



Kgopela yo mongwe a go thuše go hwetša dinako tša go hlaba ga letšatši le go sobela ga letšatši tikologong ya lena. Ngwala dinako tšeо, tša beke e tee. Na matšatši a ba a matelele goba a makopana?

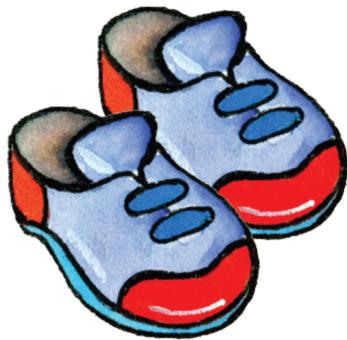


Go atiša: di-2 go fihla go 75

Kotara ya 3

Ke eng se se tlago ka
di-2?

Phere e tee ya dieta.



Feleletša lenaneo.

Ke dieta tše kae tše di
dirago:

Phere e 1 ya dieta?

diphere tše 2 tša dieta?

diphere tše 3 tša dieta?

diphere tše 4 tša dieta?

diphere tše 5 tša dieta?

diphere tše 6 tša dieta?

diphere tše 7 tša dieta?

diphere tše 8 tša dieta?

diphere tše 9 tša dieta?

diphere tše 2 tša dieta?

Nyalanya palo le potšišo ya
go la nngele:

$$1 \times 2 = 2$$

$$9 \times 2 = 18$$

$$7 \times 2 = 14$$

$$2 \times 2 = 4$$

$$4 \times 2 = 8$$

$$3 \times 2 = 6$$

$$5 \times 2 = 10$$

$$10 \times 2 = 20$$

$$6 \times 2 = 12$$

$$8 \times 2 = 16$$

Go hlopha	Atiša	Go abagana	Arola
Dihlopha tše 10 tša di-2	$10 \times 2 = 20$	Abaganya 20 magare ga 2	$20 \div 2 = 10$
Dihlopha tše 15 tša di-2		Abaganya 30 magare ga 2	
Dihlopha tše 20 tša di-2		Abaganya 40 magare ga 2	
Dihlopha tše 35 tša di-2		Abaganya 70 magare ga 2	



Feleletša lenaneo.

Go abagana	Arola
Abaganya 21 magare ga 2	$21 \div 2 = 10$ go šala 1
Abaganya 33 magare ga 2	
Abaganya 67 magare ga 2	
Abaganya 75 magare ga 2	



Feleletša diswantšho
tša go laetša tatelano ya ditiro.

go dira

II
I2
I5
I7
20

poelo

go dira

22
26
31
30
35

poelo

go dira

20
26
32
38
44

poelo

go dira

50
60
68
72
74

poelo



Feleletša mananeo a a mo tlase:

\times	1	2	3	4	5	6	7	8	9	10	II	I2	I3	I4	I5	I6	I7	I8	I9	20
2																				

\times	2I	22	23	24	25	26	27	28	29	30	3I	32	33	34	35	36	37	
2																		



Rarolla tše di latelago:

Ke rekile dilolipopo tše 36 ka R2 e tee.

Ke lefile ka R50, ka R20 le ka R5 ya khoine.

Tshentšhi ke bokae?



II I2 I3 I4 I5 I6 I7 I8 I9 20

Dipatrone tša dinomoro: di-2 go fihla go 800

Kotara ya 3



O ka bolela eng ka dinomoro tše di lego ka dipolokong tša mmala wa namune?

Bala ka di-2 go tlaga go 700 go fihla go 800.
Ke nomoro efe ye e tlaga ka morago ga 700
ge o bala ka di-2?

Balela morago ka di-5 go thoma go 800 go
fihla go 710. Ke nomoro efe ye e tlaga pele ga
750 ge o balela morago?

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



Feleletša tatelano ya dinomoro.

720; 722; 724; _____ ; _____ ; _____

800; 798; 796; _____ ; _____ ; _____



Oketša ka 2 goba o fokotše ka 2.

$$\text{a. } 76\textcolor{red}{4} + 2 = 7\textcolor{red}{6}\textcolor{red}{6}$$

I. Oketša nomoro ye e filwego ka 2. Re go diretše ya mathomo.

b. 762 _____

c. 783 _____

d. 756 _____

e. 7\textcolor{blue}{1}4 _____

f. 799 _____

a. $764 - 2 = 762$

2. Ntšha 2 go nomoro ye e filwego. Re go diretše ya mathomo.

b. 762 _____

c. 783 _____

d. 756 _____

e. 714 _____

f. 799 _____

3. Go direga eng ge o oketša ka pedi goba o fokotša ka pedi mo dinomorong tše tša mo godimo?



Lebelela didiko tše talalerata mo go papetla ya dinomoro.

a. O lemoga eng ka ga dinomoro tše? _____

- b. Oketša tatelano ya dinomoro tše di latelago: $799; 797; 795;$ _____ ; _____ ; _____
 $701; 703; 705;$ _____ ; _____ ; _____
 $725; 727; 729;$ _____ ; _____ ; _____
 $783; 785; 787;$ _____ ; _____ ; _____
 $779; 781; 783;$ _____ ; _____ ; _____



Ngwala nomoro ya maleba sedikong se sengwe le se
sengwe mo methalopalong ye.

- a.
- b.



Ke na le nomoro ya menotharo.

Mono wa mathomo ke 7, mono wo o latelago o fetwa 7 ka pedi,
gomme mono wa mafelelo o fetwa ke 7 ka nne.

Ge o balela pele ka di-2 go tloga go nomoro ye, nomoro yeo e ka ba efe?



83

Letšatšikg wedi:

Go atiša:

di-2 le di-5 go fihla go 75

Kotara ya 3



O ka araba tše di latelago ka lebelo le lekaakang?

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

Lebelela seo mogwera wa ka a
se dirilego.

Se ahlaahle.

$4 \times 2 = 8$

Mogwera wa ka o bontšhitše 4×2 ka tsela ye:

Go bala ka go taboga.	Dihlopha tša go lekana.	Go hlakantšha ga go bušeletšwa.	Mekgabišo	Dintlhā
2, 4, 6, 8	● ● ● ● ● ● ● ●	$2 + 2 + 2 + 2$	xx xx xx xx	$2 \times 4 = 8$ $4 \times 2 = 8$ $8 \div 4 = 2$ $8 \div 2 = 4$

Bjale dira bjalo ka $4 \times 5 = 20$.

Go bala ka go taboga.	Dihlopha tša go lekana.	Go hlakantšha ga go bušeletšwa.	Mekgabišo	Dintlhā



Atiša tše di latelago:

$$24 \times 3$$

$$= (20 + 4) \times 3$$

$$= (20 \times 3) + (4 \times 3)$$

$$= 60 + 12$$

$$= 72$$

a. 13×3

b. 18×3

c. 12×5

d. 21×3

e. 14×3

f. 25×3

g. 12×3

h. 15×5



Rarolla tše di latelago:

Ke rekile malekere a 14 ka R3 le tee.

Mogwera wa ka o rekile malekere a 12 ka R5 le tee.

Re lefile palomoka ya bokae ya malekere?



Go atiša:

di-3 go fihla go 75

Letšatšikg wedi:

Kotara ya 3

Ke eng se se tlago ka di-3?
Maotwana a traesekel.



Feleletša lenaneo.

Ke maotwana a makae mo go Traesekel e I?

Ditraesekel tše 2?

Ditraesekel tše 3?

Ditraesekel tše 4?

Ditraesekel tše 5?

Ditraesekel tše 6?

Ditraesekel tše 7?

Ditraesekel tše 8?

Ditraesekel tše 9?

Ditraesekel tše 10?

Nyalanya palo le potšišo ya ka go la nngele:

$9 \times 3 = 27$

$7 \times 3 = 21$

$2 \times 3 = 6$

$4 \times 3 = 12$

$3 \times 3 = 9$

$5 \times 3 = 15$

$1 \times 3 = 3$

$10 \times 3 = 30$

$6 \times 3 = 18$

$8 \times 3 = 24$

Go hlopha

Go atiša

Go abagana

Go arola

Dihlopha tše 11 tša di 3

$11 \times 3 = 33$

Abaganya 33 magare ga 3

$33 \div 3 = 11$

Dihlopha tše 15 tša di 3

Abaganya 45 magare ga 3

Dihlopha tše 25 tša di 3

Abaganya 60 magare ga 3

Dihlopha tše 12 tša di 3

Abaganya 36 magare ga 3



Feleletša lenaneo.

Go abagana

Go arola

Abaganya 37 magare ga 3

$37 \div 3 = 12 \text{ go šala } 1$

Abaganya 74 magare ga 3

Abaganya 49 magare ga 3

Abaganya 68 magare ga 3



Feleletša diswantšho
tša go laetša tatelano ya ditiro.

go dira

10
125
14
16
22

poelo

go dira

II
II
15
23
25

poelo

go dira

18
30
36
42
75

poelo

go dira

12
63
66
69
75

poelo



Feleletša mananeo a a mo tlase:

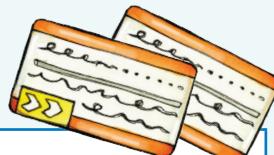
\times	1	2	3	4	5	6	7	8	9	10	II	12	13	14	15
4	3	6													

\times	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4															

O hweditše bjang karabo ya gago mo dipolokong tše di khalarilwego ka botalalerata?



Rarolla tše di latelago:



Tshelete ya go tsena e be e le R3 ngwana yo mongwe le yo mongwe.

Go tsene bana ba 23 ka phakeng.

Ba lefile bokae?



11 12 13 14 15 16 17 18 19 20

85

Goatiša ka di-2, di-3 le di-4

Letšatšikg wedi:

Kotara ya 3



go fihla go 75

O ka kgora go arabatše di latelago ka lebelo le lekaakang?

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



Lebelela seo mogwera wa ka a se dirilego.

Se ahlaahle.

$5 \times 2 = 10$

Ke thomile ka go laetša 5×2 ka mokgwa wo:

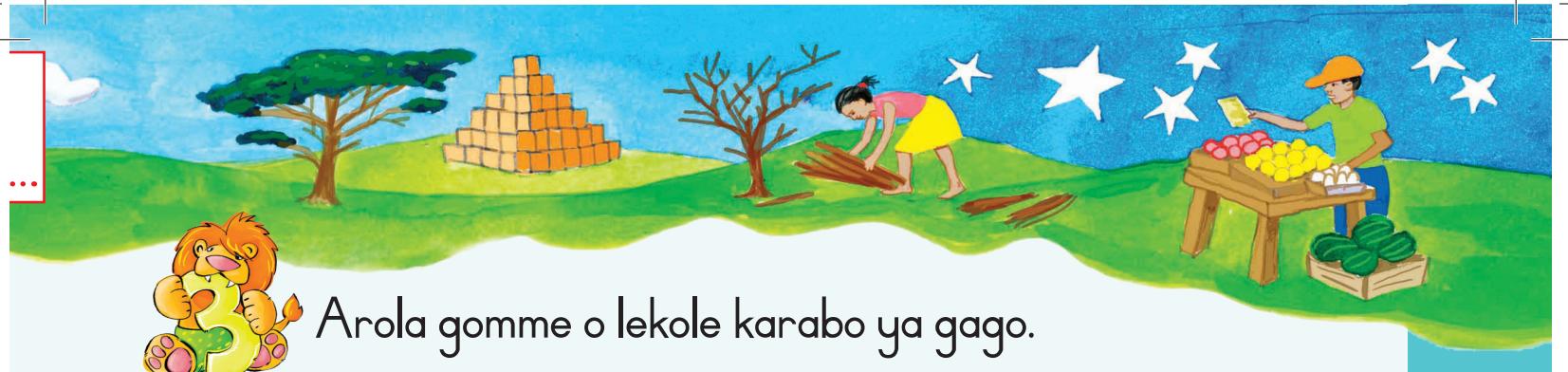
Go bala ka go taboga	Dihlopha tše go lekana	Go hlakantšha ga go bušeletšwa	Mekgabišo	Dintlhha
2, 4, - - -	● ● - - -	2 + - - -	— Mothalo wa tše 2 xx	$2 \times - = -$ $4 \times - = -$ $- \div - \times = -$ $- \div - = -$

Dira bjalo ka $8 \times 3 = 24$.

Go bala ka go taboga	Dihlopha tše go lekana	Go hlakantšha ga go bušeletšwa	Mekgabišo	Dintlhha

 $6 \times 4 = 24$.

Go bala ka go taboga	Dihlopha tše go lekana	Go hlakantšha ga go bušeletšwa	Mekgabišo	Dintlhha



Arola gomme o lekole karabo ya gago.

$$63 \div 3$$

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

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

$$= 20 + 1$$

$$= 21$$

$$21 \times 3$$

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

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

$$= 60 + 3$$

$$= 63$$

a. $48 \div 5$

b. $64 \div 5$



Rarolla tše di latelago:

Nna le bagwera ba ka re na le R63 ge e kopane.

Re nyaka go e abagana ka go lekana boraro bja rena.

Re tlile go hwetša bokae mongwe le mongwe?



Dipatrone tša dinomoro: di-3 go fihla go 800

Letšatšikg wedi:

Kotara ya 3



O ka bolela eng ka dinomoro tše di lego ka dipolokong tša mmala wa namune?

Bala ka di-3 go tlago go 703 go fihla go 799.

Ke nomoro efe ye e tlago ka morago ga 745
ge o bala ka di-3?

Balela morago ka di-5 go thoma go 799 go

fihla go 703. Ke nomoro efe ye e tlago pele ga
766 ge o balela morago?

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



Feleletša tatelano ya dinomoro.

703; 706; 709; _____ ; _____ ; _____

799; 796; 793; _____ ; _____ ; _____



Oketša ka 3 goba o fokotše ka 3.

a. $766 + 3 = 769$

I. Oketša palo ye e filwego ka 3. Re, go diretše ya mathomo.

b. 766 _____

c. 783 _____

d. 756 _____

e. 713 _____

f. 790 _____

a. $766 - 3 = 763$

2. Ntsha 3 go nomoro ye e filwego. Re go diretše ya mathomo.

b. 763 _____

c. 789 _____

d. 756 _____

e. 713 _____

f. 799 _____

3. Go direga eng ge o oketša ka tharo goba o fokotša ka tharo mo dinomorong tše tša mo godimo?

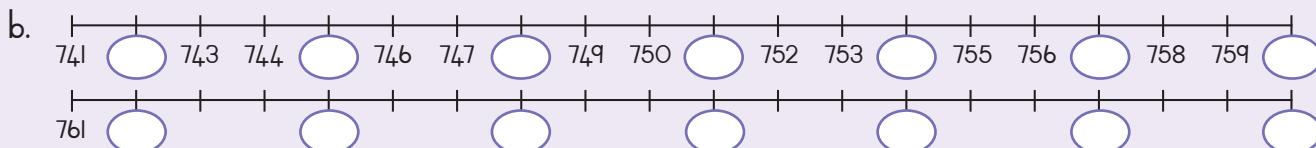
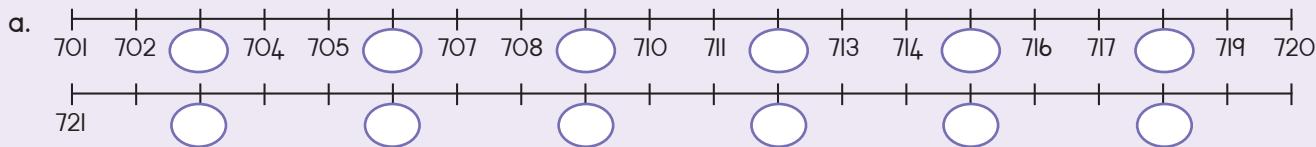


**Lebelela didiko tše talalerata mo go papetla
ya dinomoro.**

- a. O lemoga eng ka ga dinomoro tše? _____
- b. Oketša tatelano ya dinomoro tše di latelago:
 $704; 707; 710; \underline{\quad}; \underline{\quad}; \underline{\quad}$ $779; 776; 773; \underline{\quad}; \underline{\quad}; \underline{\quad}$
 $773; 776; 779; \underline{\quad}; \underline{\quad}; \underline{\quad}$ $782; 785; 788; \underline{\quad}; \underline{\quad}; \underline{\quad}$
 $779; 782; 785; \underline{\quad}; \underline{\quad}; \underline{\quad}$



**Ngwala nomoro ya maleba sedikong se sengwe le se
sengwe mo methalopalong ye.**



Ke na le nomoro ya menotharo:

Mono wa mathomo ke 7, mono wo o latelago o feta 7 ka pedi, gomme mono wa mafelelo o fetwa ke 7 ka šupa.

Bjale, balela pele ka di-3 go thoma go nomoro ye. O hwetša nomoro efe?



Teacher: _____
Sign: _____
Date: _____

Go atiša: di-4 go fihla go 75

Kotara ya 3

Ke eng se se tlago ka
di-4?

Mao twana a sefatanaga



Ke maotwana a makae mo go

Sefatanaga se 1?

Difatanaga tše 2?

Difatanaga tše 3?

Difatanaga tše 4?

Difatanaga tše 5?

Difatanaga tše 6?

Difatanaga tše 7?

Difatanaga tše 8?

Difatanaga tše 9?

Difatanaga tše 10?

Nyalanya palo le potšišo ya
ka go la nnglele:

$$9 \times 4 = 36$$

$$7 \times 4 = 28$$

$$\textcolor{orange}{2 \times 4 = 8}$$

$$4 \times 4 = 16$$

$$3 \times 4 = 12$$

$$5 \times 4 = 20$$

$$1 \times 4 = 4$$

$$10 \times 4 = 40$$

$$6 \times 4 = 24$$

$$8 \times 4 = 32$$



Feleletša lenaneo.

Go arola	Go atiša	Go abagana	Go arola
Dihlopha tše 12 tša di 4	$12 \times 4 = \textcolor{red}{48}$	Abaganya 47 magare ga 4	$48 \div 4 = 12$
Dihlopha tše 16 tša di 4		Abaganya 64 magare ga 4	
Dihlopha tše 18 tša di 4		Abaganya 72 magare ga 4	
Dihlopha tše 15 tša di 4		Abaganya 60 magare ga 4	



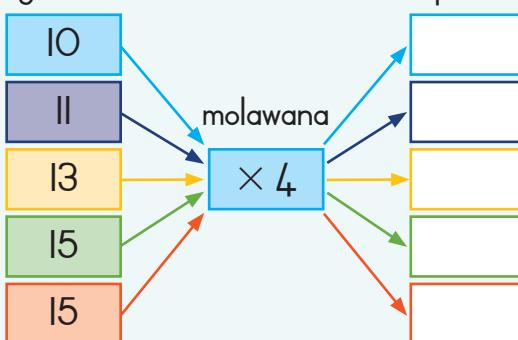
Feleletša lenaneo.

Go abagana	Go arola
Abaganya 34 magare ga 4	$35 \div 4 = 8$ go šala 3
Abaganya 55 magare ga 4	
Abaganya 70 magare ga 4	
Abaganya 75 magare ga 4	



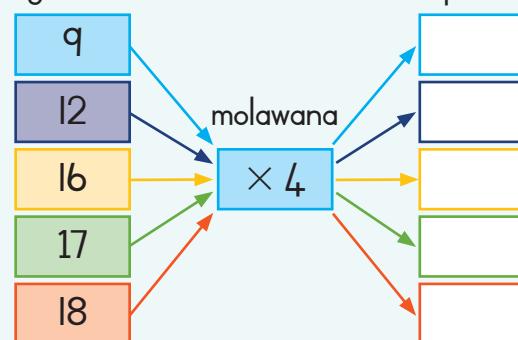
Feleletša diswantšho tša go laetša tatelano ya ditiro.

go dira

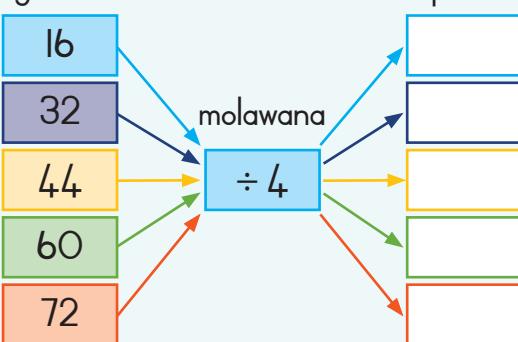


poelo

go dira

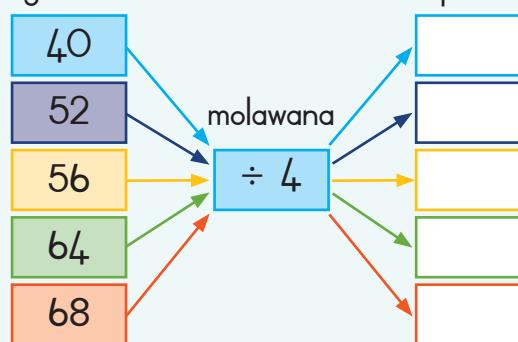


go dira



poelo

go dira



poelo



Feleletša mananeo a a mo tlase:

\times	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4															

\times	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4															

O hweditše bjang karabo ya gago mo dipolokong tše di khalarilwego ka botalalerata?



Rarolla tše di latelago:

Ke na le R75.

Nka reka diphuthelwana tše kae tša dimpho ka R4 sephuthelwana?



11 12 13 14 15 16 17 18 19 20

88

Dipatrone tša dinomoro: di-4 go fihla go 800

Letšatšikg wedi:

Kotara ya 3



O ka bolela eng ka dinomoro tše di lego ka dipolokong tša mmala wa namune?

Bala ka di-4 go tlago go 704 go fihla go 800.
Ke nomoro efe ye e tlago ka morago ga 736?

Balela morago ka di-4 go thoma go 800 go fihla go 704. Ke nomoro efe ye e tlago pele ga 776 ge o balela morago?

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



Feleletša tatelano ya dinomoro.

704; 708; 712; _____ ; _____ ; _____

724; 728; 732; _____ ; _____ ; _____



Oketša ka 4 goba o fokotše ka 4.

$$\text{a. } 764 + 4 = 768$$

I. Oketša nomoro ye e filwego ka 4. Re go diretše ya mathomo.

b. 764 _____

c. 788 _____

d. 754 _____

e. 718 _____

f. 794 _____



2. Ntsha 4 go nomoro ye e filwego. Re go diretše ya mathomo.

$$a. 764 - 4 = 760$$

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

3. Go direga eng ge o oketša ka 4 goba o fokotša ka 4 mo dinomorong tše tša mo godimo?



**Lebelela didiko tše talalerata mo go papetla
ya dinomoro.**

- a. O lemoga eng ka ga didiko tše? _____
- b. Oketša tatelano ya dinomoro tše di latelago:
703; 707; 711; _____ ; _____ ; _____
773; 777; 781; _____ ; _____ ; _____
711; 715; 719; _____ ; _____ ; _____
783; 779; 775; _____ ; _____ ; _____
799; 795; 791; _____ ; _____ ; _____



**Ngwala nomoro ya maleba sedikong se sengwe le se
sengwe mo methalopalong ye.**

- a.
- b.



Ke na le nomoro ya menotharo.

Mono wa mathomo ke 7, mono wo o latelago o fetwa ke 7 ka l, gomme mono wa mafelelo o fetwa ke 7 ka 3.

Ge o balela pele ka di-4 go tloga go nomoro ye.

Nomoro yeo e ka ba efe? _____



89



Letšatšikgwedī:

.....

Kotara ya 3



Go atišā le go arola,
ka di-2, di-3, di-4 go fihla go 75

O ka arabatše di latelago ka lebelo le lekaakang?

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



Khalara dipoloko tše palo ya gona e bago le mašalela.

$12 \div 2 = 6$	$13 \div 3 = 4$ maš	$15 \div 5 =$ _____	$18 \div 5 =$ _____
$20 \div 4 =$ _____	$23 \div 4 =$ _____	$16 \div 3 =$ _____	$18 \div 3 =$ _____
$25 \div 2 =$ _____	$24 \div 2 =$ _____	$30 \div 2 =$ _____	$29 \div 2 =$ _____
$19 \div 3 =$ _____	$17 \div 3 =$ _____	$31 \div 5 =$ _____	$30 \div 5 =$ _____
$55 \div 5 =$ _____	$52 \div 5 =$ _____	$57 \div 3 =$ _____	$60 \div 3 =$ _____



O tseba bjang gore palo e ka arolega ka:

- 3? Ge o hlakantsha meno,

Mohlala. $72, 7 + 2 = 9$ gomme o ka e arola ka 3. Nomoro ye e arolega ka 3.

- 2? _____
- 5? _____

1 2 3 4 5 6 7 8 9 10



Arola gomme o lekole karabo ya gago.

$$65 \div 3$$

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

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

$$= 20 + 1 \text{ maš } 2$$

$$= 21 \text{ maš } 2$$

$$21 \times 3 + 2$$

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

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

$$= 60 + 3 + 2$$

$$= 65$$

a. $49 \div 5$

b. $65 \div 5$



Rarolla tše di latelago:

O swanetše go yo dira dinyakišišo.

O tseba bjang gore palo e ka arolega ka 4?



Teacher:
Sign:

Date:

90



Letšatšikgwedī:

Kotara ya 3



Di-eng tša dilo tša mahlakoretharo

Lebelela diswantšho.

Bolela ka ga mabokagodimo a dilo, o šomiša mantšu a go swana le bopapetla le modikelela..

Dibolo	Mapokisi	Silintere	Diphiramiti	Dikhounu



Lebelela diswantšho gomme o feleletše mafoko
le dipotšišo.



a. Bolo

_____.



b. Ke ka lebaka la eng
bolo e sa relele?

_____.



c. Silintere

_____.



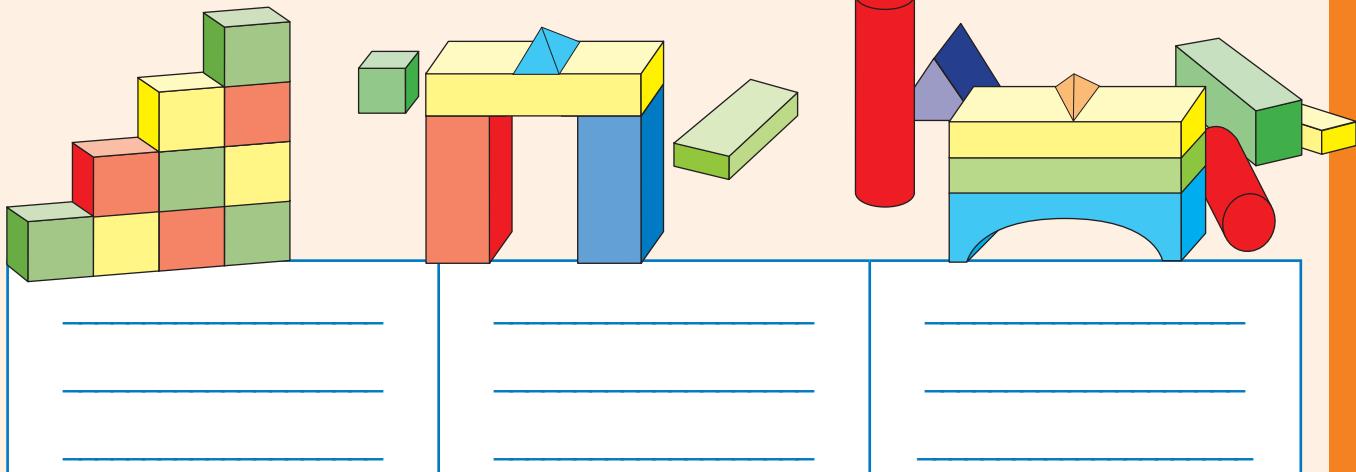
d. Na silintere le yona
e ka relela?

_____.

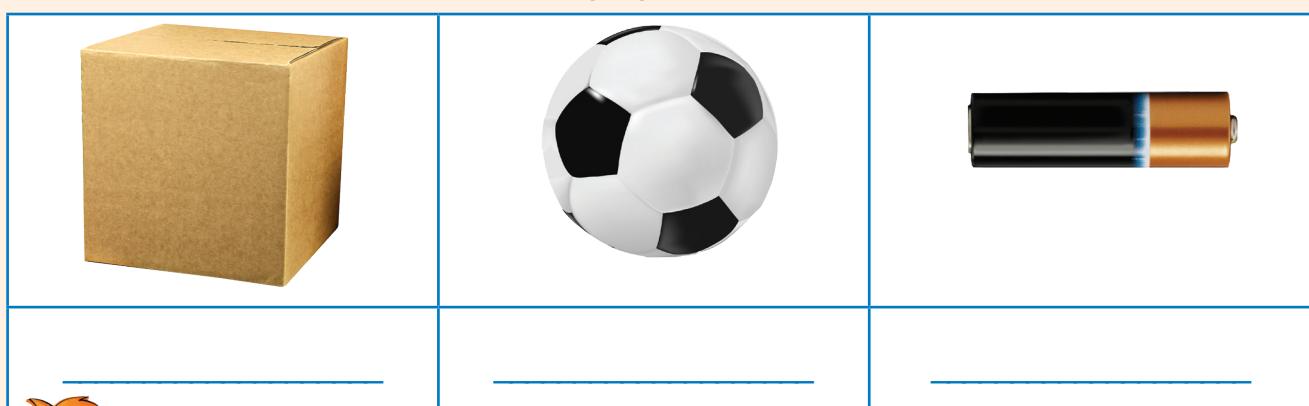


Bolela dilo tše di šomišwago
seswantshong se sengwe le se sengwe.

O swanelwa fela ke go bolela selo se sengwe gatee. Bolela ge eba selo seo se ka kgokologa goba sa thedimoga.



Bolela ge eba dinomoro tša mahlakoretharo di na le bokagodimo bja bopapetla goba bja modikelela.



Thala tše di latelago:

Lepokisi le le lekanetšego godimo ga silintere.	Bolo ye e lekanetšego godimo ga silintere.	Silintere se se lekanetšego godimo ga lepokisi.
---	--	---





Dipalophatlo tša diripana tša didirišwa

Letšatsikg wedi:

Kotara ya 3



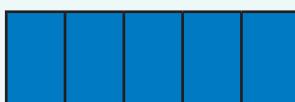
Dira sedirišwa Papetlasegwa ya 5

Godimo ga seripana se tee ngwala mantšu a. "Palotlalo e tee"

Tše seripana se sengwe o se mene ka tlhokomelo, se be seripagare. Ka morago o se bule. O na le dikarolo tše kae tša go lekana? Ngwala $\frac{1}{2}$ godimo ga seriapagare se sengwe le se sengwe gomme o sege go latela mameno. Tše seripana sa boraro gomme o se mene se be seripagare, ka morago o se mene gore se be seripagare. Se bule. O na le dikarolo tše kae tša go lekana? Ngwala $\frac{1}{4}$ go lemeno le lengwe le le lengwe la bone gomme o sege go latela mameno. Bjale leka go dira mesetho ye mengwe ye mene, o tee o laetša dihlano, gomme wo mongwe diseswai.



Šomiša palophatlo ya diripana tša sedirišwa
gore se go thuše go araba dipotšišo.



Ke diteeseswaing tše kae
tše di dirago palotlalo?



Ke diteeseswaing tše kae
tše di dirago palotlalo?



Dipalophatlo mo go mothalopalo.

Seripana se laetša palotlalo e tee.

Palotlalo e tee

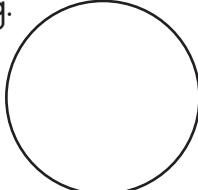
Sediko se bontšha palotlalo



Arola seripana ka diteetharong.

Arola sediko ka diteetharong.

Khalara teetharong e tee.

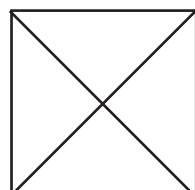


Khalara teetharong.

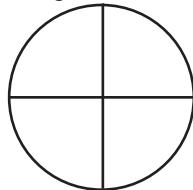


Bjale khalara tše di latelago.

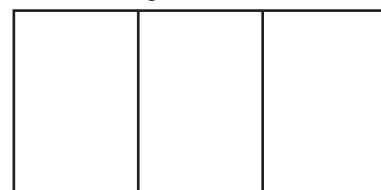
Seripagare se tee



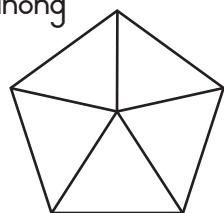
Tharonneng



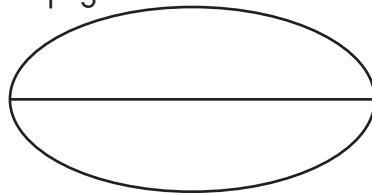
Peditharong



Nnehliong



Seripagare se tee



Tharonneng



Thala tše di latelago:

Tharonneng o šomiša sekwere.

Seripagare se tee o šomiša sediko.

Peditharong o šomiša khutlotharo.

Nnehliong

Dinneseswaing o šomiša sekwere.

Teetharong o šomiša khutlonnethwi.



Lokiša didirišwa tša gago.

- Sega se sengwe le se sengwe sa didiko tše b mo go Sesegwa sa b.
- Sega tše hlano tša didiko e be diripana go bapa le methalo.
- Phara setlankana godimo ga seripana se sengwe le se sengwe:
 - Ka lehlakoreng le tee ngwala palophatlo ya palotlalo ya iri.
 - Ka lehlakoreng le lengwe ngwala palo ya metsotso mo go palophatlo yeo.



q2

Letšatšikg wedi:

Dipalophatlo go tšwela pele

Kotara ya 3



Ngwala Ee goba Aowa.

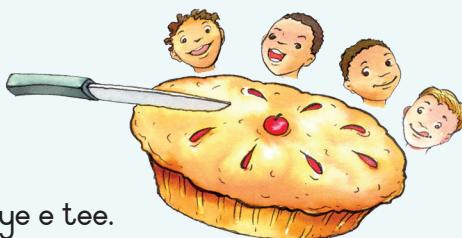
- Seripagare ke seripagare sa palotlalo
- Seripagare sa seripagare ke kotara
- Kotara ke seripagare sa seripagare
- Seripagare le dikotara tše pedi di dira palotlalo
- Seripagare le kotara di dira tharonneng

.....
.....
.....
.....
.....



Abaganang phaye.

Reabetšwe, Phuki, Rati le Lisa ba abagana phaye e tee.



- a. Ke swerwe ke tlala!
Ke nyaka seripagare

Reabetšwe



- b. Go lokile! Nna ke tla
tšeа kotara.

Phuki



Thala karolo ya Reabetšwe.

- c. Ke tla tšeа seripagare sa
seo se šetšego.

Rati



- d. Ke phaye ye kaakang ye e
šaletšego nna?

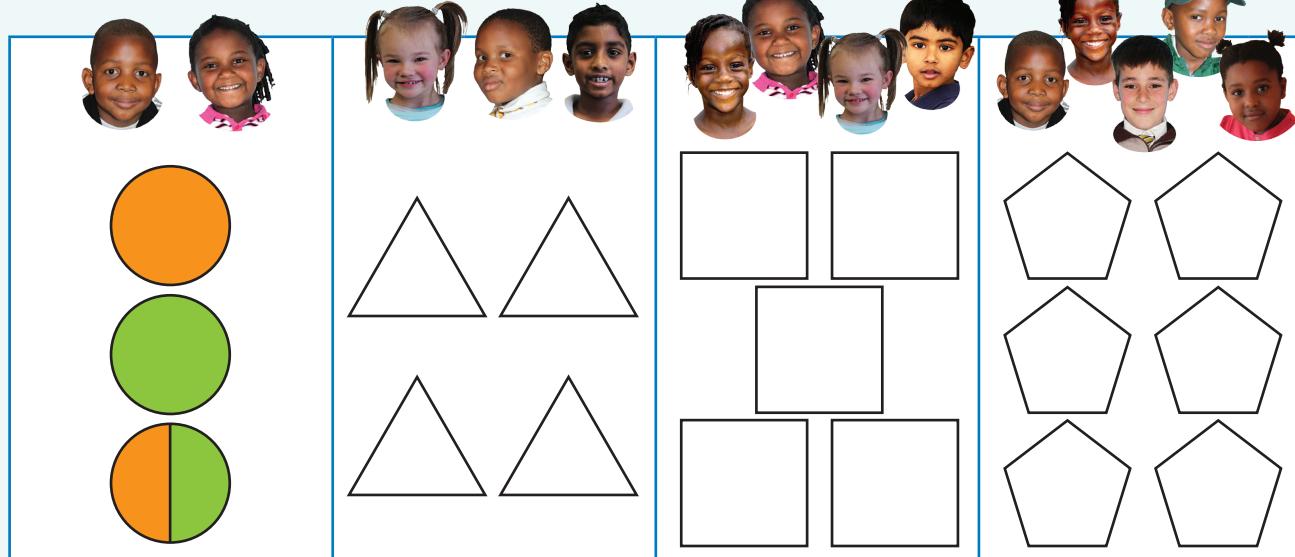
Lisa



Thala karolo ya Reabetšwe, ya Phuki le ya Rati. Thala dikarolo ka moka tša phaye.



Abaganya dibopego magare ga bana ka
go thala mothalo gomme o e khalare.



Bagwera ba 4 ba abagana dikotana tša malekere tše 5 ka go lekana.

Yo mongwe le yo mongwe o tla hwetša tše kae?

Karabo ke eng?

Dinomoro ke dife?

Thala seswantšho.

Bagwera ba batshela ba abagana dikotana tša malekere tše 9 ka go lekana

Yo mongwe le yo mongwe o tla hwetša tše kae?

Karabo ke eng?

Dinomoro ke dife?

Thala seswantšho.



q3

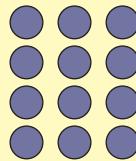
Letšatšikg wedi:



Go abagana go tlisa dipalophatlo

Kotara ya 3

Dibaledi tše 12
šedi.



Re bagwera ba babedi. Re na le setshelo
se tee fela se se arotšwego ka bogare.

Re re se ke
seripagare

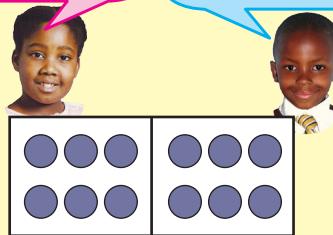
Re re se ke
seripagare



Re abagana dibaledi tše lesomepedi
magareng ga bobedi bja ren.

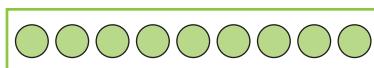
Ke hweditše
dibaledi tše tshela

Ke hweditše
dibaledi tše tshela



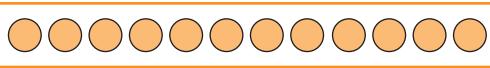
Thala seswantšho sa tše di latelago gomme o
arabe dipotšišo.

Dibolo tše senyane di aroletšwe bagwera ba
bararo.



- Mosetsana yo mongwe le yo mongwe
o tla hwetša dibolo tše kae?
- Mosetsana yo mongwe le yo mongwe
o tlide go hwetša palophatlo efe?

Dibolo tše lesomepedi di aroletšwe bagwera ba
bane. Ba bararo ba bagwera ke bašemane.



- Mosetsana yo mongwe le yo mongwe
o tla hwetša dibolo tše kae?
- Mošemane yo mongwe le yo mongwe
o tlide go hwetša palophatlo efe?



Motswaledi o tla hwetša palophatlo efe?

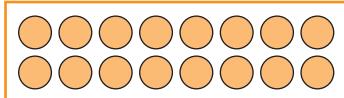
Lisa o tla hwetša palophatlo efe?

Ke nna
Motswaledi

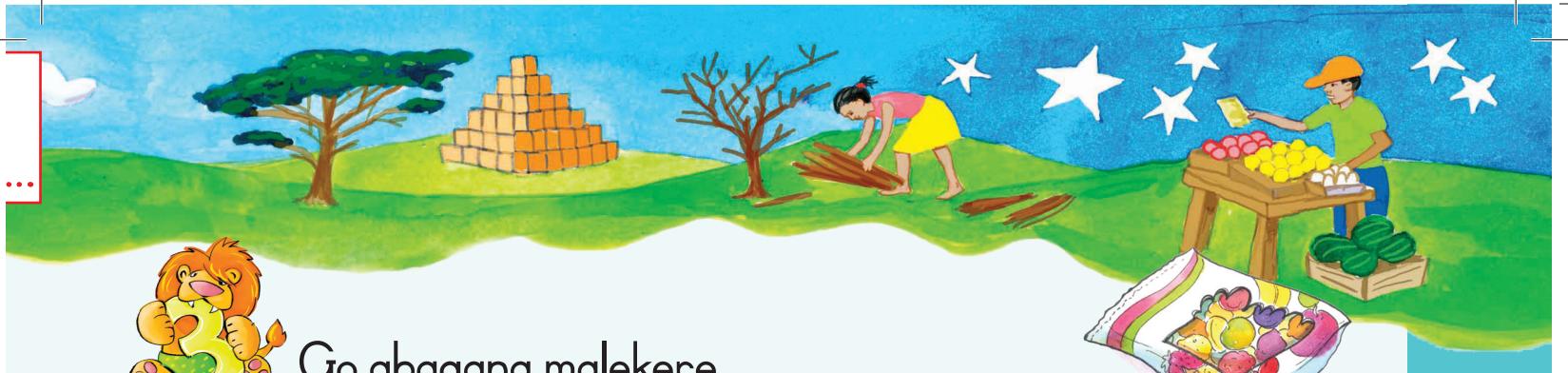


- Motswaledi le Lisa ba tla hwetša dibolo tše kae?

Ke nna Lisa



- Motswaledi le Lisa ba tla hwetša dibolo tše kae?



Go abagana malekere.

Bagwera ba abagana malekere. Yo mongwe le yo mongwe o hwetša seripagare sa sephuthelwana $\frac{1}{2}$ (seripagare).

- a. Ba swanetše go abagana diphuthelwana tše kae:

Bagwera ba 4 _____ Bagwera ba 6 _____ Bagwera ba 9 _____

- b. Go tla abagana bagwera ba bakae?

Diphuthelwana tše 4? _____ Diphuthelwana tše 10? _____

Diphuthelwana tše $3\frac{1}{2}$ _____



Dikhethé tša go bina.

Bomma le bokoko ba roka dikhethé tša go bina.

Ba swanetše go hwetša dimetara tše kae tša mašela a sekhethe se tee $2\frac{1}{2}$

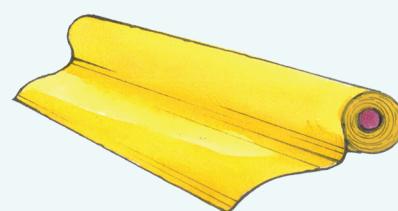
Lešela le bitša R6 metara.



- a. Ba tla roka dikhethé tše kae?

5 m _____ 10 m _____

20 m _____ 25 m _____



- b. Ba swanetše go hwetša lešela le lekaakang go roka:

Dikhethé tše 2 _____ Dikhethé tše 3 _____ Dikhethé tše 4 _____

- c. Lešela le ja bokae go roka:

Sekhethe se 1 _____ Dikhethé tše 2 _____ Dikhethé tše 3 _____

- d. Ba ka dira dikhethé tše kae ka:

R450 _____ R825 _____ R180 _____



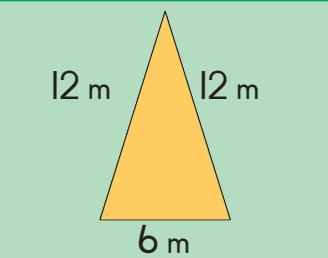
94

Letšatšikg wedi:

Kotara ya 3

Bokgole go dikologa

Lentšu le modiko/parametha le ra botelele goba bokgole go dikologa selo.



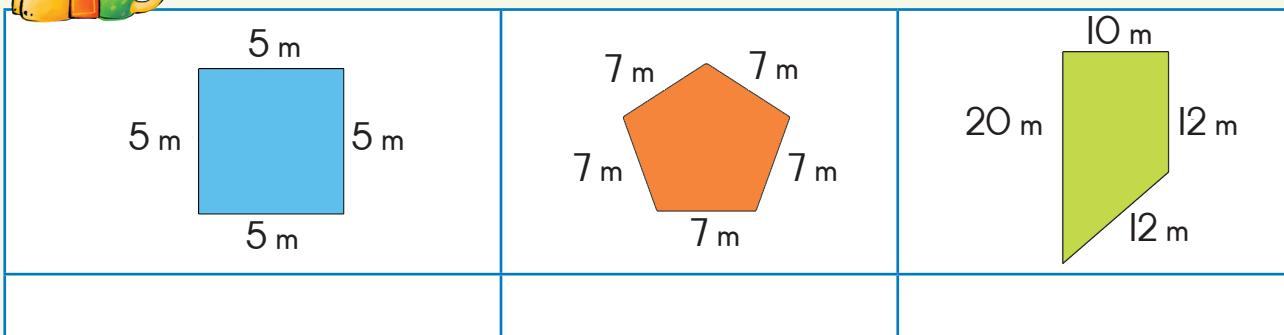
Rapolasa o na le poloto ya sebolego sa khutloharo.

Re ka hwetša modiko wa poloto ka go hlakantšha botelele bja mathoko.

$$\text{Perimetha/modiko} = 12 \text{ m} + 12 \text{ m} + 6 \text{ m} = 30 \text{ m}$$



Hwetša mediko ya tše di latelago.



Serapana sa Veronica.

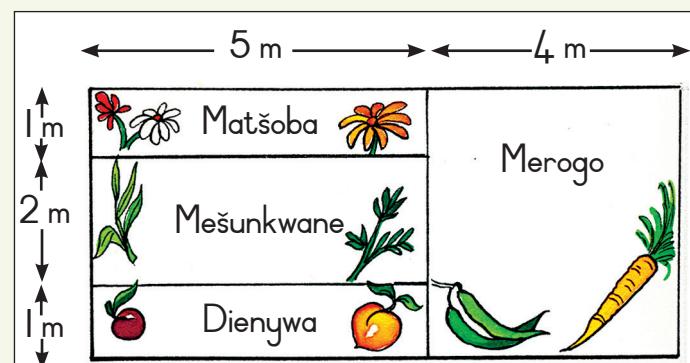
Veronica o thala seswantšho sa serapana se a nyakago go bjala go sona.

a. Modiko wa area mo a nyakago go bjala mešunkwane ya gagwe ke bokae?

b. Ke dikarolo dife tše mediko ya tšona e lekanago? Modiko wa tšona ke bokae?

le _____ di na le modiko wa dimetara tše _____ m.

c. O swanetše go ba le legora go dikologa serapana ka moka. Go dira legora ke R50 metara o tee. Legora le tla bitša bokae?





Rulaganya serapana sa gago.

Šomiša pampiri ya kriti go tšwa go Sesegwa sa 7 go rulaganya serapana sa gago. Laetša bogolo ka moka le dibjalwa tše o nyakago go di bjala.

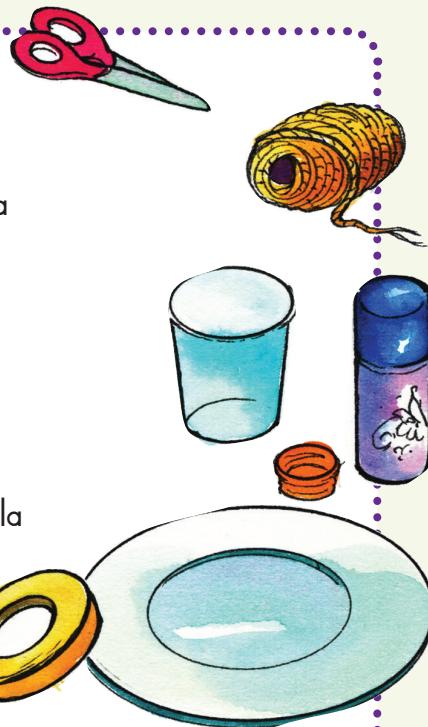


Didiko tša go meta.

Šoma le molekane.

Dimateriale: Dilo tše 10 tša kgokolo tša bogolo bja go fapano bjalo ka poleiti, galase, theipi ya go mamaretša, sekhurumelo sa lepotlelo, thapo le sekero.

1. Kgetha se tee sa dilo tša ntipikodiko gomme o mete ka lenti.
2. Ripa botelele bja lenti, botelele bjo bo lekanago go dikologa selo.
3. Bjale tše a thapo yona yela gomme o e ngange, e putle bokagodimo bja sediko. Bala, o lebelele gore e lekana go putla gakae.
4. Dira bjalo ka dilo tša ntipikodiko.
5. Ngwala gore o lemoga eng.



Botelele go dikologa ntipikodiko bo bitšwa sedika.



Bokgole go putla sediko bo bitšwa molagare.



<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
Teacher: Sign: Date:	

95a

Letšatšikg wedi:

Go gweba ka tšelete

Kotara ya 3

Raloka dipapadi tše le mogwera wa gago.

Materiale:

RIOO RIO

RI IOc Ic



RIOO	RIO	RI	IOc	Ic

Papetla ya tšelete (Sesegwa sa 9), pampiri phensele, mataese a mabedi, tšelete ya go raloka (go tšwa go sesegwa sa RIO: RIOO le RIO tša pampiri, RI, IOc le Ic: dikhoine).

Bea papetla ya tšelete godimo ga tafola.

Papetla e na le dikarolo tše 5, go tšwa go la nngela go ya go la mmagoja. RIOO, RIO, RI, disente tše IO le sente e I. Mo go papadi ye, re šomiša fela dikholomo tše 3 tša mathomo.

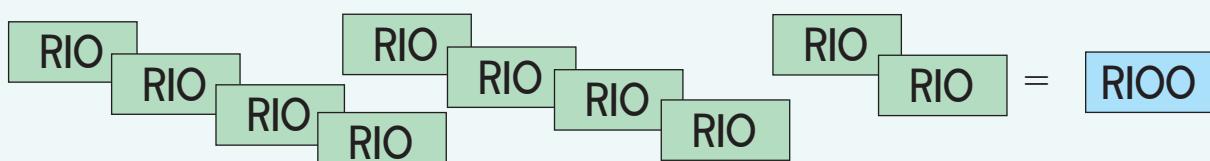


Hlakantšha go fihla go RIOO.

1. Moraloki yo mongwe le yo mongwe o hwetša sebaka sa go kgokološa letaese. Hlakantšha dipalo tše pedi.
2. Tšeа palo yela ya diranta tša dikhoine o di bee karolong ya diranta mo go papetla.
3. Ge o na le RI ya dikhoine o swanetše go gweba ka tšona gore o hwetše RIO ya pampiri.



4. Yo e lego wa mathomo go hwetše RIO ya pampiri gomme a gweba ka tšona gore a hwetše RIOO ya pampiri, ke yena mofenyi.



5. **Dikotlo:** Ge moraloki a feditše nako ya gagwe ya go raloka gomme a lebala go gweba ka RIO ya dikhoine gore a hwetše RIO ya pampiri gomme moraloki yo mongwe a lemoga phošo yeo, katlo ke RI. Ge moraloki a ka lebala go gweba ka RIO ya pampiri gore a hwetše RIOO ya pampiri, o swanetše go lefa moraloki yo mongwe yoo ka RIOO.



Ntšha go tloga go RIOO go fihla go RO.

Raloka yona thaloko yeo, fela o thome ka RIO ya pampiri, gomme o ntšhe tšelete ye e lekanago le palo ya dinomoro tše di lego mo letaeseng. Moraloki yo a fihlago go RO ke yena mofenyi.

RIOO	RIO	RI	IOc	Ic



Go hlakantšha le go ntšha go fihla go RI OOO.

Hlakantšha palo ye e lego mo letaeseng ka makga ka moka, gomme o tšee palo ya di RIO tša pampiri. Wa mathomo wa go fihlelala RI OOO ke yena mofenyi. Goba thoma ka RI OOO, gomme lekgeng le lengwe le lengwe ntšhe. Moraloki wa mathomo go fihlelala RO o ba mofenyi.



Go hlakantšha go fihla go RI.

Raloka go swana le mo papading ya mathomo, ka ntle le gore bjale ge o kgokološa letaesem gomme wa hwetša palo tše palo ya letaesem ka di Ic tša dikhoine, ge o na le disente tše IO tša dikhoine di tšhentšhe o tše IOc ya khoine. Wa mathomo yo a ka tšhentšhago di IOc tše IO tša dikhoine a hwetša Khoine ya RI ke mofenyi.



Ntšha disente.

Thoma ka RI, gomme o ntšhe papading ye nngwe le ye nngwe. Wa mathomo wa go hwetša IOc ke mofenyi.



95b

Letšatšikg wedi:

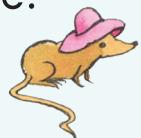
A re ye mabenkeleng!

Kotara ya 3



Go rekišwa dikuane ka thekotlase!

Lebenkele le rekišwa dikuane ka ditheko tše 5
tša go fapanā.



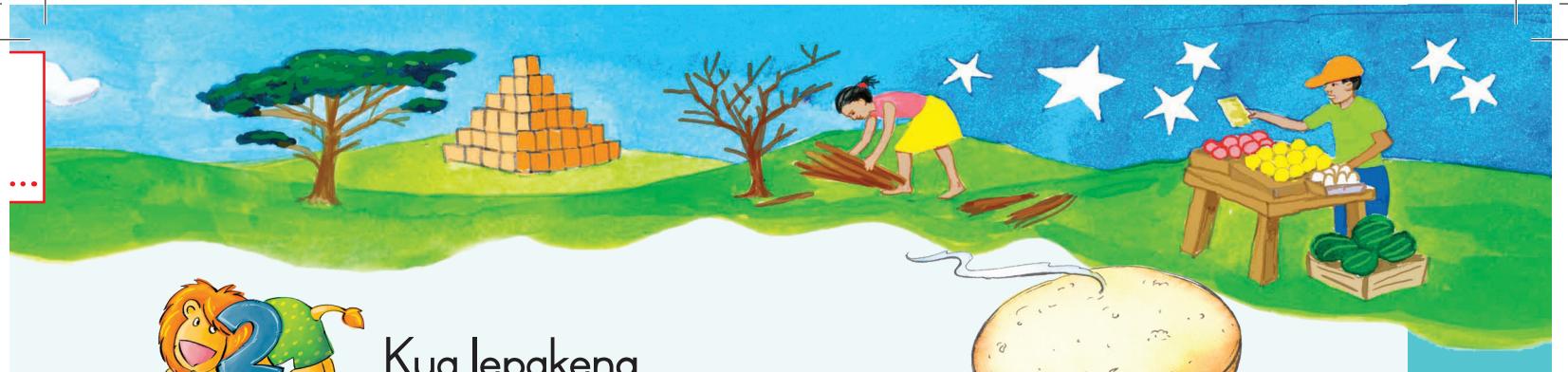
							Dipalomoka
Kuane a		R20	R20	R20	R20	R20	R120
Kuane b		R25	R25	R25	R25	R25	
Kuane c		R50	R50	R50	R50	R50	
Kuane d		R75	R75	R75	R75	R75	
Kuane e		R100	R100	R100	R100	R100	

- Hwetša poreisi ya dikuane mothalong wo mongwe le wo mongwe.
- Motswaledi o reka e l mohuteng wo mongwe le wo mongwe wa dikuane. O di lefela bokae ge di kopane? _____
- Boati o šomiša R450 ka moka. O reka kuane e tee ka R100.

Lekola!
Bapetša!
Lokiša!

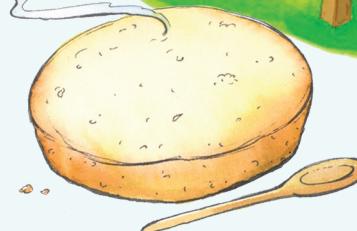
O reka dikuane dife tše dingwe? Bontšha dikarabo tše pedi tše di kgonagalago.

Karabo 1	Karabo 2



Kua lepakeng.

Tumišo o šomiša motswako wo go paka khekhe ya sepontšhe.



Motswako wa khekhe ya sepontšhe

Motswako wa khekhe: 40 g ya folouru ya go ikokomogela; 3 mae; 50 g aeing šuka

Tša go tsenywa gare

a. Hwetša gore Tumišo o swanetše go ba le dilo tše kaakang gore a pake dikhekhe tše b.

Khekhe	Folouru	Mae	Swikiri	Khirimi
1	40 g	3	50 g	140 ml
2				
3				
4				
5				
6				

b. Swaya karabo ya maleba ka (✓).

Litara e l ya khirimi e ka lekana dikhekhe tše ka bago tše: dikhekhe tše 10; dikhekhe tše 7; dikhekhe tše 8.



Dipalo tša ka pela.

Lekola!
Bapetša!
Lokiša!



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

11 12 13 14 15 16 17 18 19 20



qb

Letšatšikg wedi:

Tše dingwe gape ka ga difiwa

Kotara ya 3



Seteišene sa maphodisa.

Maphodisa a mahlano a dira mešomo ya go fapano. Bjale ba kae maphodiša?

	Ba teskeng	Ba a patrola	Ba ka kgorong ya tsheko
Serufe			x
Maria	x		
Sam	x		
Amos		x	
Dudu			x

Ngwala maina a bao ba: Lego teskeng. _____

Patrolang. _____

Lego ka kgorong ya tsheko. _____



Yo a lego makhutšo.

Dikolo tše hlano di phadišana go bona gore ke sefe seo
se ka bjalago mehlare ye mentšintši ka letšatši la go bjala mehlare.



= 10 mehlare

Makgoka	
Thune	
Lehlabile	
Sehlomola	
Mankweng	

Dikolo di bjetše mehlare ye mekae ge di hlakane?

Mankweng	Lehlabile	Makgoka	Sehlomola	Thune

Dikolo di bjetše mehlare ye mekae ge di hlakane? _____



Tlhaka ya mohuta mang?

Ba Mphato wa 3 ba dira dinyakišio kua motseng wa bobona.

Ba nyaka go bona gore go na le mehuta ye mekae ya ditlhaka mo dintlong tša go fapania.

Ba laetša dipolo tša bona mo polokong ya dikrafo.



Ba thala leswao (✓) ntlong ye nngwe le ye nngwe yeo ba e bonago.



Dithaele	✓	✓	✓	✓	✓	✓					
Tlhaka ya bjang	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dikota	✓	✓	✓	✓	✓	✓	✓	✓			
Masenke	✓	✓	✓	✓	✓	✓	✓	✓	✓		

O bone mehuta ye mekae ya ditlhaka?

Dithaele _____ Tlhaka ya bjang _____ Dikota _____ Masenke _____

Ke mohuta ofe wa tlhaka wo o rategago kudu? _____

Ba bala ditlhaka tše kae ge di hlakana? _____



Bogolo bja dikuane.

Bašemané sekolong sa Thune ba rwala dikuane tša sekolo.

Dikuane di tla ka bogolo bja 2, 3 le 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 gore ke barutwana ba bakae bao ba rwalago kuane ya bogolo bjo bongwe le bjo bongwe.

2 _____ 3 _____ 4 _____

Ke kuane efe ye e rategago kudu? _____

Lekola!
Bapetša! Lokiša!



11 12 13 14 15 16 17 18 19 20

97

Letšatšikg wedi:

Go ſoma ka dikilometara

Kotara ya 4



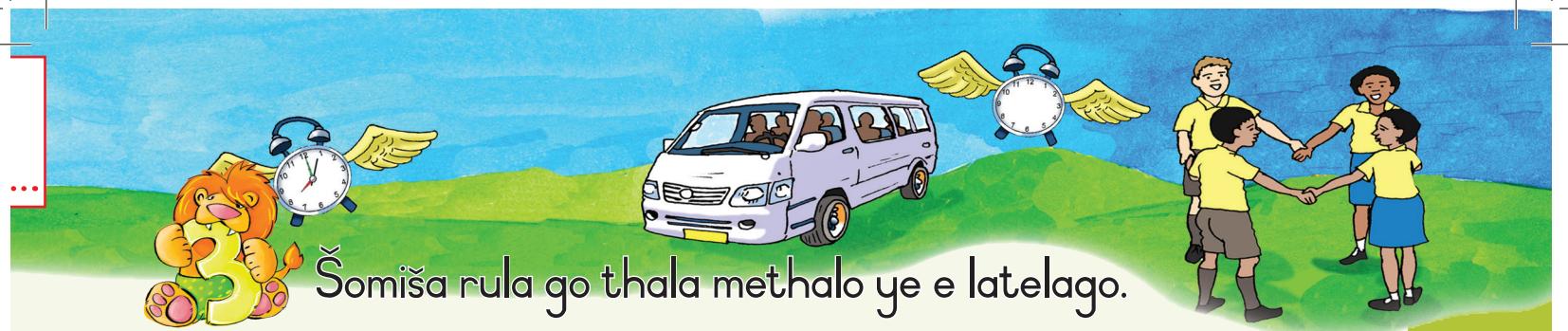
Mothalo wo o khalarilwego ke wo mokae ka botelele?



Thoma ka go akanya ka morago o mete methalo.
Feleletša lenaneo.

Mothalo	Go akanya	Go kala	Phapano magareng ga go akanya le go kala





Šomiša rula go thala methalo ye e latelago.

a. 10 cm

b. 7 cm

c. 15 cm



Bolela ge eba o tla lekanya tše di latelago ka dimetara goba ka di sentimetara.

- a. Botelele bja puku _____
- b. Botelele bja lebati _____
- c. Botelele bja phensele _____
- d. Botelele bja gago _____
- e. Botelele bja monwana wa gago _____

Gopola mantšu a makopana (dikhutsofatšo) ao re a šomišago go ngwala sentimetara (cm), le metara (m).



Mo ngwageng o šomišitše diphensele tša gago tša go khalara. Botelele bja diphensele tša gago e be e le disentimetara tše 15 pele o di šomiša.

Ka morago ga ge o e šomišitše, phensele ya gago ye khubedu, botelele bja yona ke disentimetara tše 7, ye talalerata tše 5, ye talamorogo tše 6, ye serolane tše 11, ye phepholo tše 12, ya mmala wa namune tše 9, ye tsotho tše 14, ye ntsho tše 8, ye pinki tše 13, gomme ye tšhweu, tše 15.



- a. Ke phensele efe ye o e šomišitše go feta? _____
- b. Ke phensele efe ye o e šomišitše go gannyan? _____
- c. Ngwala botelele bja diphensele tša gago go tloga go ye kopana go feta, go ya go ye telele go feta? _____



11 12 13 14 15 16 17 18 19 20

q8

Letšatšikg wedi:

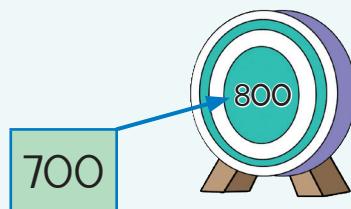
Dinomoro 700 go fihla go 800

Kotara ya 4



Bala o be o ngwale.

- a. Šomiša papetla ye e latelago go go thuša go bala go tloga go 700 go fihla go 800. Balela dinomoro godimo ge o dutše o bala



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

- b. Ngwala dinomoro tše di tlogetšwego mo go kriti ya mo godimo.

- c. Ngwala dinomoro tše 10 tše di tlago ka morago ga 750.

750; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

- d. Ngwala dinomoro tše 8 tše di latelago mo patroneng ya di-2.

762; 764; 766; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

- e. Ngwala dinomoro ka moka mo patroneng ya di-2 go tloga go 751 go fihla go 773.

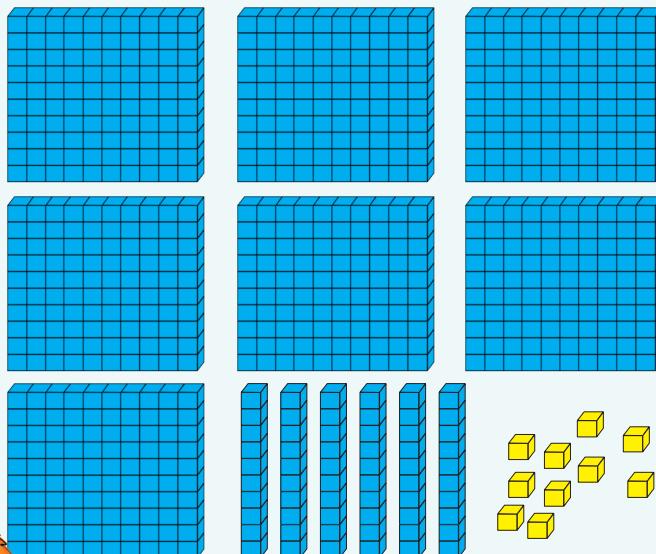
751; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 773

- f. Ngwala dinomoro tše 8 tše di latelago mo patroneng ya di-5.

751; 756; 761; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____



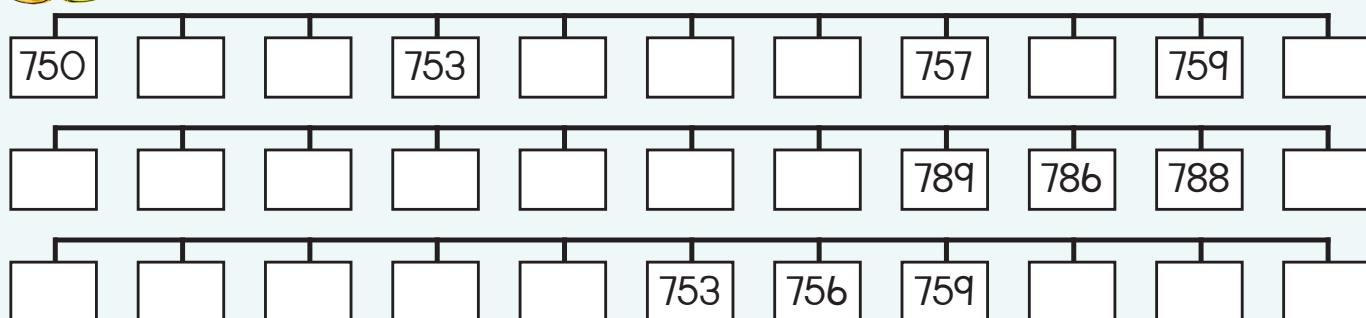
O bala dipoloko tše kae?



O badile dipoloko bjang?



Feleletša methalopalo.



Feleletša lenaneo.

Ngwala go tloga go ye
nnyane go feta go fihla go
ye kgolo go feta

Ngwala go tloga go ye
kgolo go feta go fihla go
ye nnyane go feta

776, 772, 779, 770, 778		
736, 703, 730, 713, 703		



Ngwala nomoro ye e latelago ka mantšu.

788



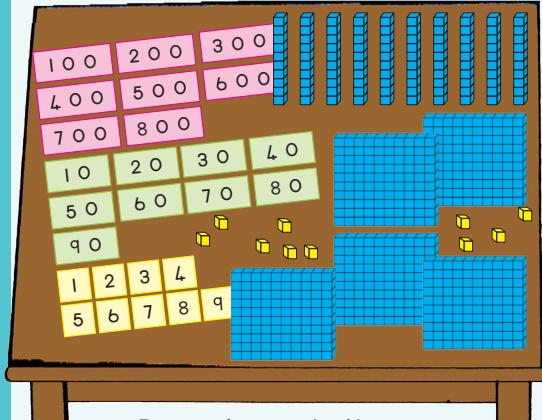
11 12 13 14 15 16 17 18 19 20

qq

Dinomoro tše di oketšegilego: 700 go fihla go 800

Letšatšikg wedi:

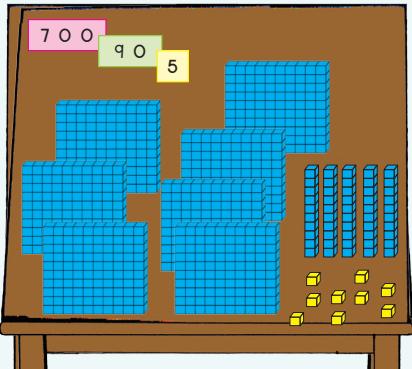
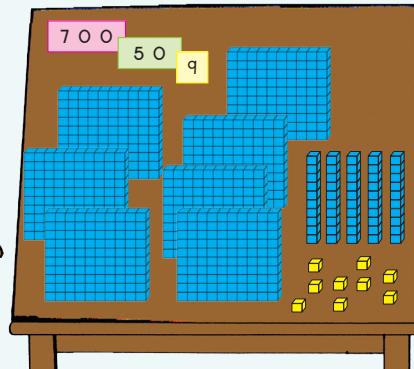
Kotara ya 4



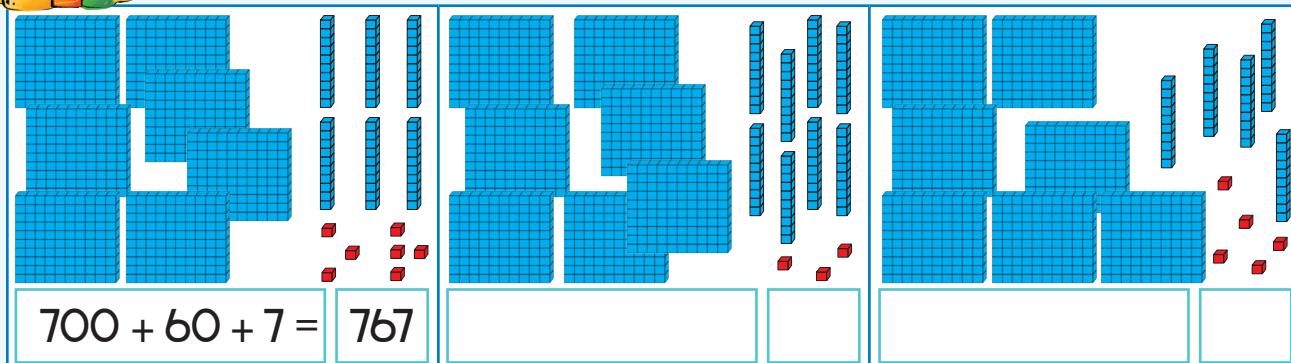
Peter o be a na le dikarata
tša kemapalo ye e latelago, le
dipoloko tša matheo tša 10.

Morutiši o kgopela Peter gore
a laetše 759 ka dikarata le
dipoloko tša gagwe.

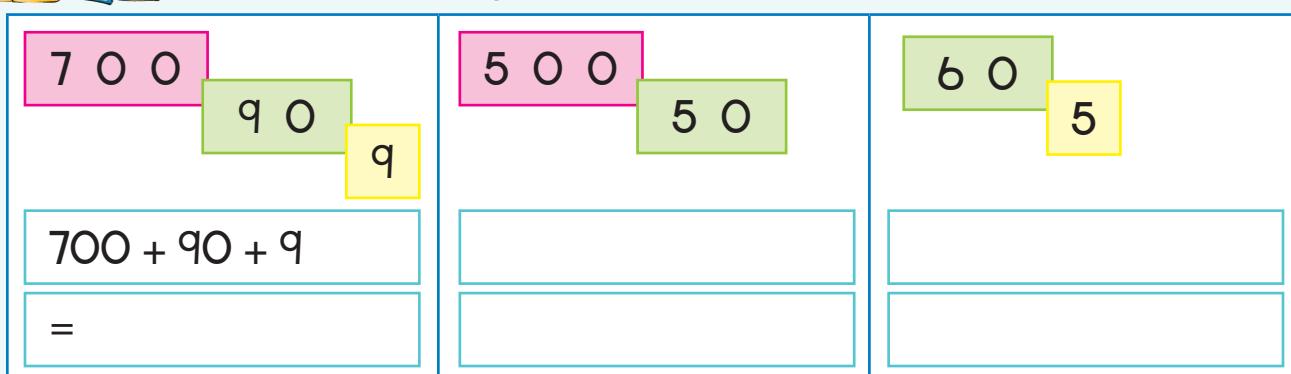
Se ke se Ben a se laeditšego.
O šaeditše eng?



Ngwala lefokopalo, ka morago o ngwale karabo.



Ngwala lefokopalo, ka morago o ngwale karabo.





Feleletša mothalopalo.

789 790 791 799

Ngwala dinomoro ka moka tše di lego tše nnyane go 795. _____

Ngwala dinomoro ka moka tše di fetago 795. _____



Ngwala < goba > goba =



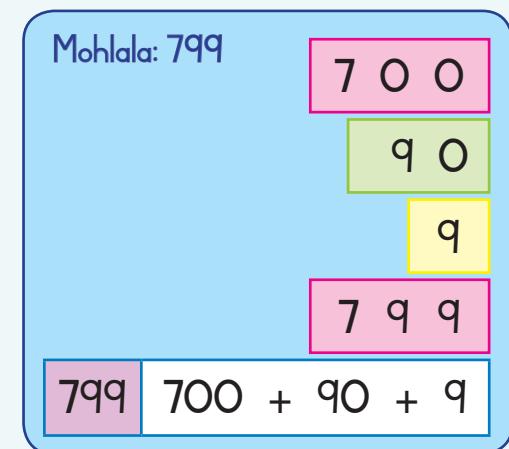
a. 799 766 b. 745 750

c. $700 + 90 + 7$ 767

Aroganya nomoro ya gago.

- Aga nomoro ye nngwe le ye nngwe ka dikarata tša gago.
- Ngwala boleng bja mono wo mongwe le wo mongwe. Bjale, dira tše: Aroganya nomoro ya gago.

790	
689	
699	
755	
690	



Ngwala mainapalo.

668	
757	
799	
742	
691	



100

Letšatsikg wedi:

Dinomoro: 800 go fihla go 900

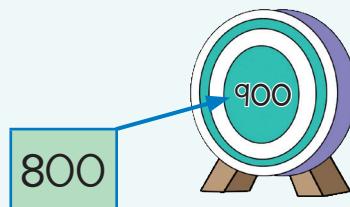
Kotara ya 4



Bala, gape o ngwale.

a. Balela pele go tloga go 800 go fihla go 900.

Balela dinomoro ge o dutše o tšwela pele.



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

b. Ngwala dinomoro tše di tlogetšwego mo go kriti ya mo godimo.

c. Ngwala dinomoro tše 10 tše di tlago ka morago ga 800.

800; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

d. Ngwala dinomoro tše 8 tše di latelago ka patrone ya di-2.

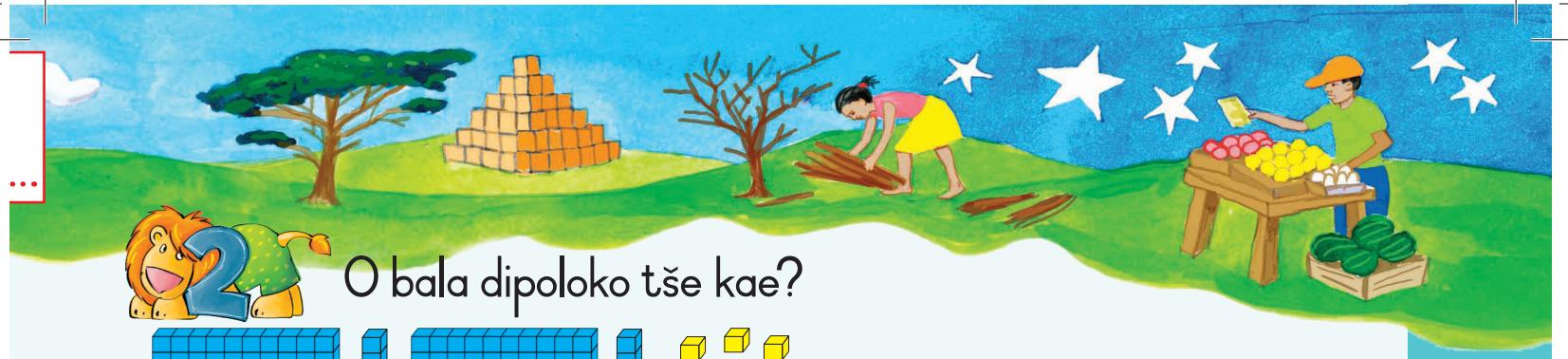
852; 854; 856; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

e. Ngwala dinomoro ka moka ka patrone ya di-2 go tloga go 807 go fihla go 829.

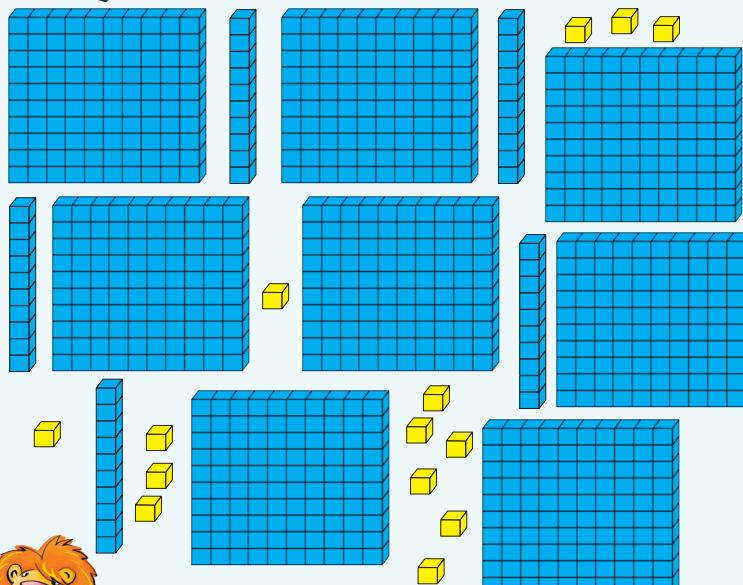
807; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 829

f. Ngwala dinomoro tše 8 tše di latelago ka patrone ya di-5.

834; 839; 844; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____



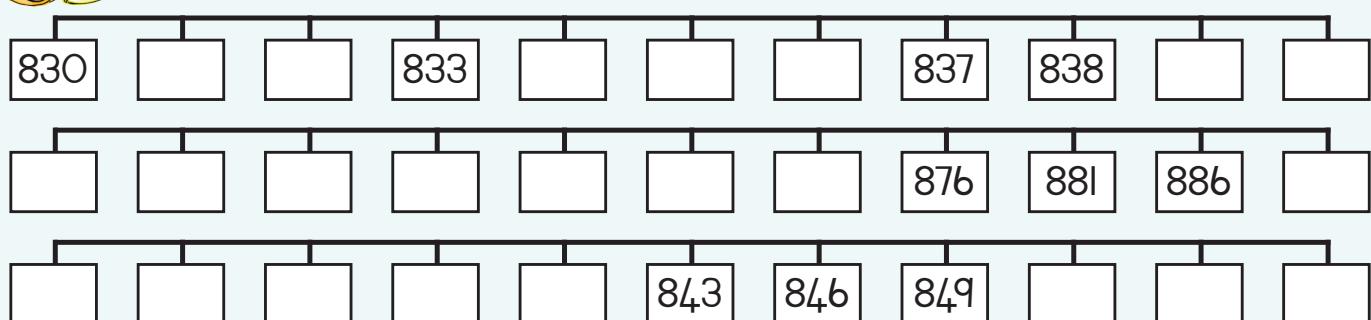
O bala dipoloko tše kae?



O badile dipoloko bjang?



Feleletša methalopalo.



Feleletša lenaneo.

Ngwala go tloga go ye
nnyane go feta go fihla
go ye kgolo go feta

Ngwala go tloga go ye
kgolo go feta go fihla go
ye nnyane go feta

856, 853, 855, 851, 857

898, 801, 810, 819, 891



Ngwala nomoro ye e latelago ka mantšu.

845

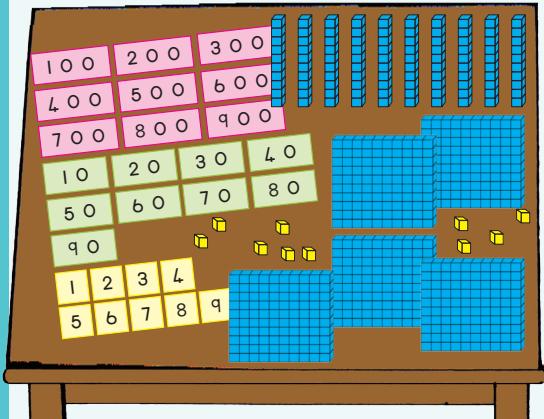
11 12 13 14 15 16 17 18 19 20

101

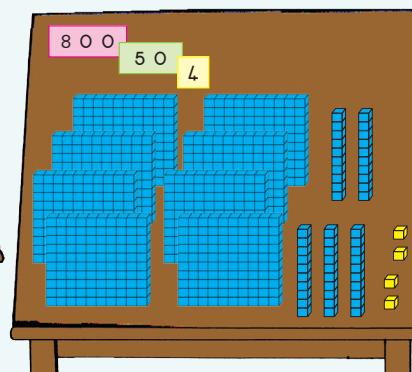
Dinomoro tše di oketšegilego: 800 go fihla go 900

Letšatšikg wedi:

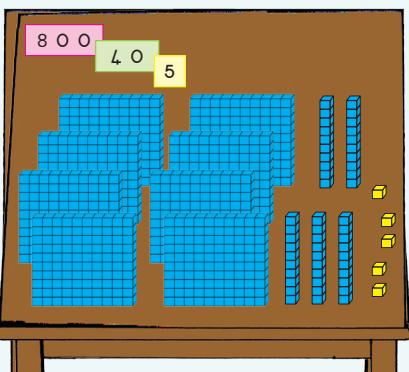
Kotara ya 4



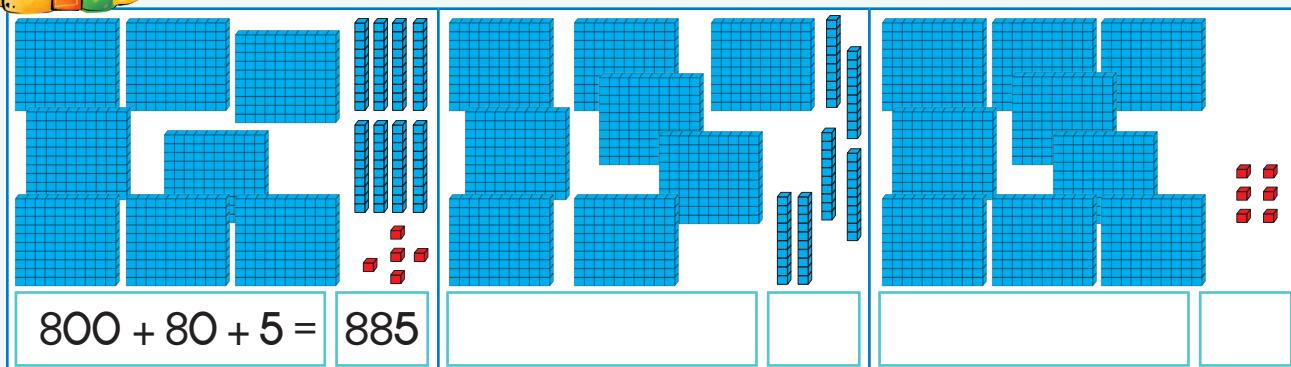
Peter o be a na le dikarata
tša kemapalo ye e latelago, le
dipoloko tša motheo tša 10.



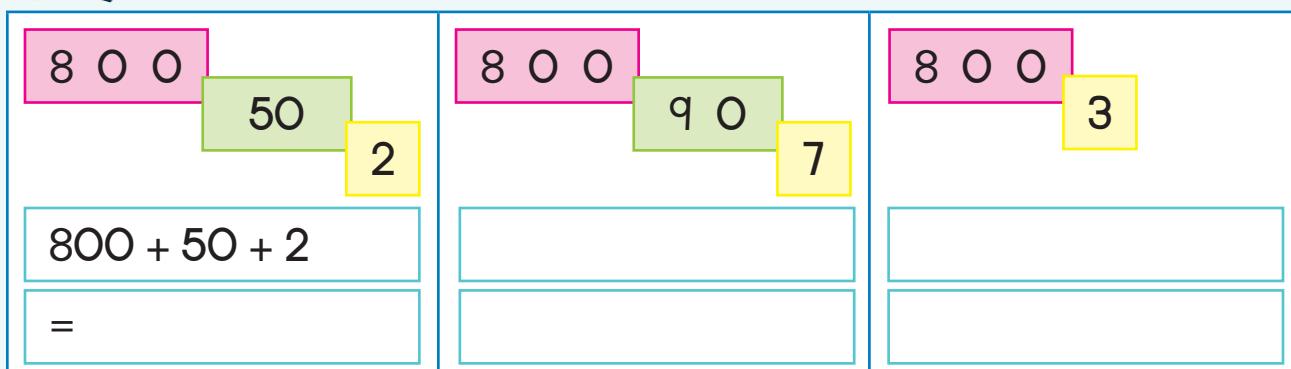
Se ke se Ben a se laeditšego.
O šaeditše eng?



Ngwala lefokopalo, ka morago o ngwale karabo.



Ngwala lefokopalo, ka morago o ngwale karabo.





Feleletša mothalopalo.

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

Ngwala dinomoro ka moka tše di lego tše nnyane go 894. _____

Ngwala dinomoro ka moka tše di fetago 894. _____



Ngwala < goba > goba =

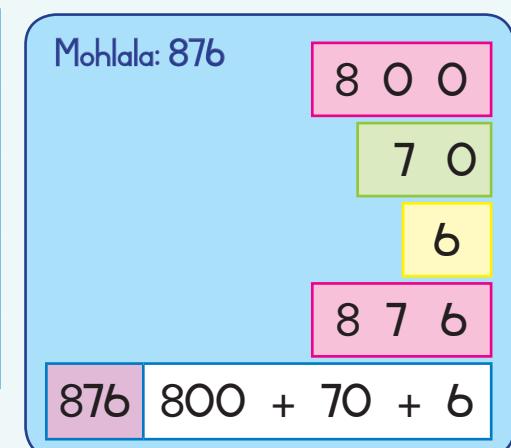
- a. 899 898 b. 802 820
 c. 900 + 70 + 5 785



Aroganya nomoro ya gago.

- a. Aga nomoro ye nngwe le ye nngwe ka dikarata tša gago.
 b. Ngwala boleng bja mono wo mongwe le wo mongwe. Bjale, dira tše: Aroganya nomoro ya gago.

890	
889	
802	
855	
840	



Ngwala mainapalo.

889	
825	
803	
830	
899	



102a



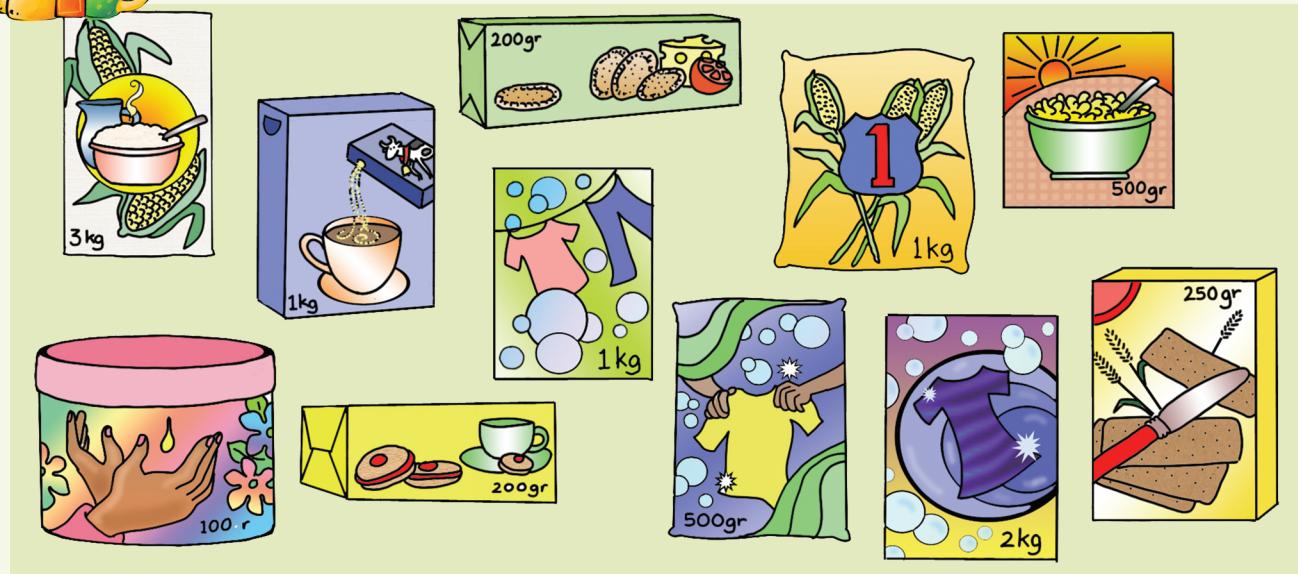
Letšatsikgwedi:

Letšatsikgwedi:

Kotara ya 4



Lebelela diswantšho tše di latelago gomme o ngwale dikarabo.



- Bupi bja go hlatswa bja 1 kg bo bofeso goba bo boima go feta bja 2 kg?
- Ye bofeso ke efe: siriele ya difihlolo ya 500 g goba dibiskiti tša 200 g?
- Ye boima ke efe: Khirimi ya go tlola ya 100 g goba phakete ya setampa ya 1 kg?



Re kala bokae ka moka ge re hlakane?

Nna ke kala 25 kg, mogwera wa ka 29 kg gomme morwarre 45 kg.

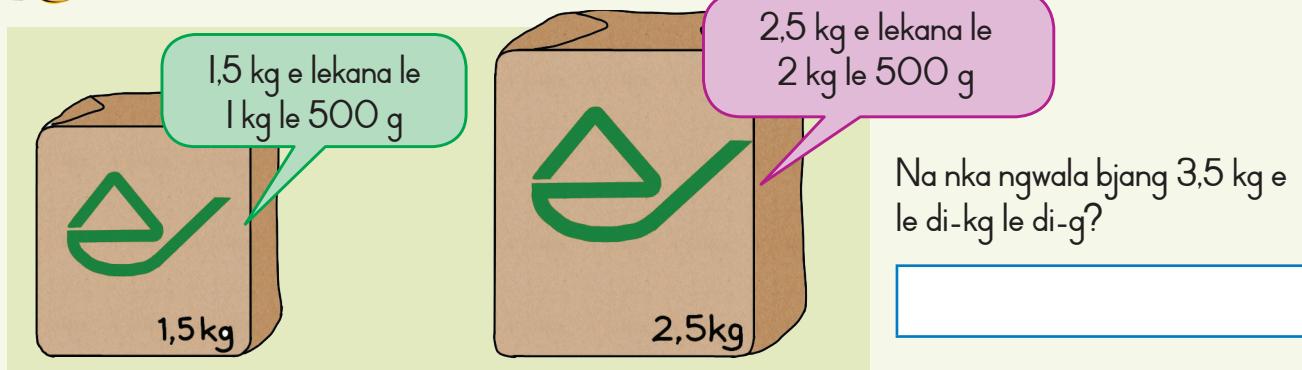


Ditsweletšwa di imela bokae ge di hlakane?

Setšweletšwa sa mathomo se imela 1 kg 500 g. Setšweletšwa sa bobedi se imele 3 kg 500 g. Setšweletšwa sa boraro se imela 2 kg 500 g.



Lebelela diswantšho gomme o arabe dipotšišo.



Feleletša lenaneo.

Morutiši wa gago o tla go fa dilo tše 5 gore o di lebelele.
Lekanyetša boima bja tšona gomme o di kale.

Selo	Tekanyetšo: (estimation)	Tekanyo: (measurement)	Phapano magareng ga tekanyetšo le tekanyo.



Na ditšweletšwa di imela bokae ge di hlakane?

Setšweletšwa sa mathomo se imela 2 kg 500 g. Setšweletšwa sa bobedi se imela 1 kg 500 g. Setšweletšwa sa mafelelo se imela 3 kg 500 g.



102b

A rekaleng go ya pele

Letšatšikg wedi:

Kotara ya 4

Bontši ke tekanyo ya gore boselo ke bjo bokaakang ka gare ga selo.

Boselo ge bo le bjo bontši; go ba bothata kudu go bo šuthiša.

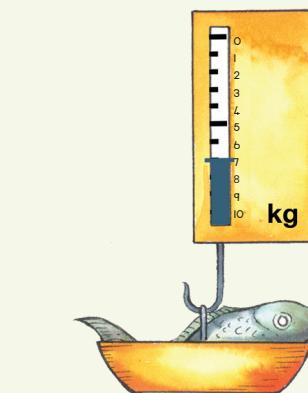
Boima ke kelo ya maatla ao a gogelago dilo go ya bohlakanelong.

Maatla a go gogela bohlakanelong ke a mannyane kua ngwedding.

Re kala bontši/bogolo bja boima ka **dikilogramo** le digramo.

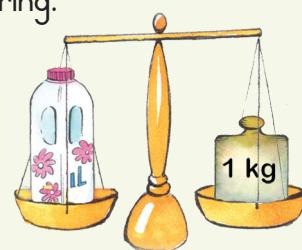
Dikala tša go fapania

Re šomiša dikala tša go fapania go kala bontši le boima.



Hlapi e na le boima bja 3 kg.

Re kala bontši ka sekala, gomme, boima ka sekala sa seporing.

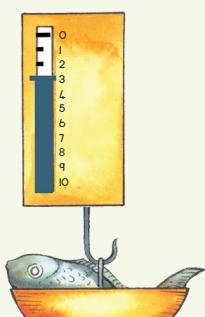
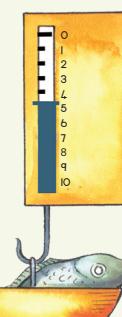
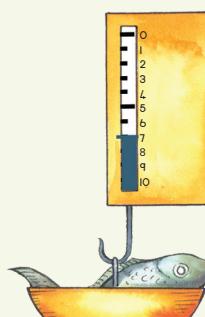
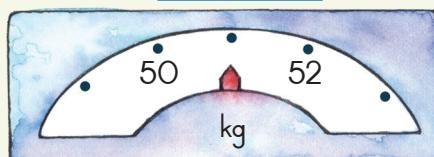
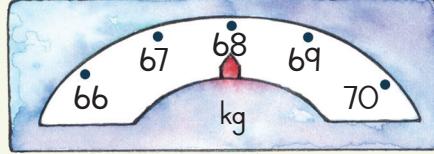
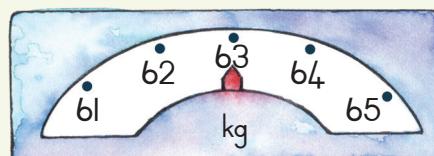


Litara ya meetse e na le bogolo bja boima bja 1 kg.



Hwetša boima.

Ngwala boima bjo bo laetšwago ka dikilogramo mo go se sengwe le se sengwe sa dikala tša seporing.

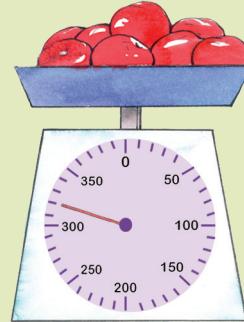




Re šomiša digramo go kala bontši bja boima bja dilo tše nnyane goba tše bofefo, le go kala dipalophatlo tša dikilogramo.

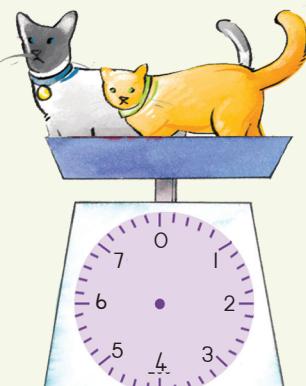
$$1000 \text{ g} = 1 \text{ kg}$$

Mo sekaleng se sa seporing, mothalo wo mongwe le wo mongwe o emela boima bja 10 kg. Ditamati di imela digramo tše 320.

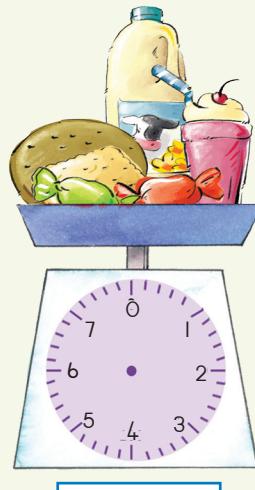


Di imela digramo tše kae?

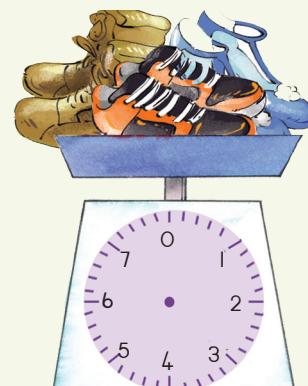
Thala moo lerumo mo sekaleng le swanetšego go ya gona ka dinako tšohle.



7 kg



4 kg



6 kg



Thala moo lerumo, mo sekaleng le swanetšego go ya gona ka dinako tšohle.

Hlakantšha o oketše o dire 1 kg (1 000g).

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



103

Dinomoro 900 go fihla go 1 000

Letšatšikg wedi:

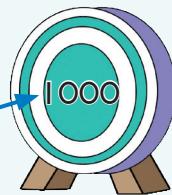
Kotara ya 4



Bala gomme o ngwale.

- a. Šomiša papetla ye e latelago go go thuša go bala go tloga go 900 go fihla go 1 000. Balela dinomoro godimo ge o dutše o bala.

900



901		903							910
								919	
		943					948		
981									
991								999	

- b. Ngwala dinomoro tše di tlogetšwego mo go kriti ya mo godimo.

- c. Ngwala dinomoro tše 10 tše di tlago ka morago ga 900.

900; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

- d. Ngwala dinomoro tše di latelago tše 8 ka patrone ya di-2.

946; 948; 950; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

- e. Ngwala dinomoro ka moka go thoma go 945 go fihla go 967, ka patrone ya di-2.

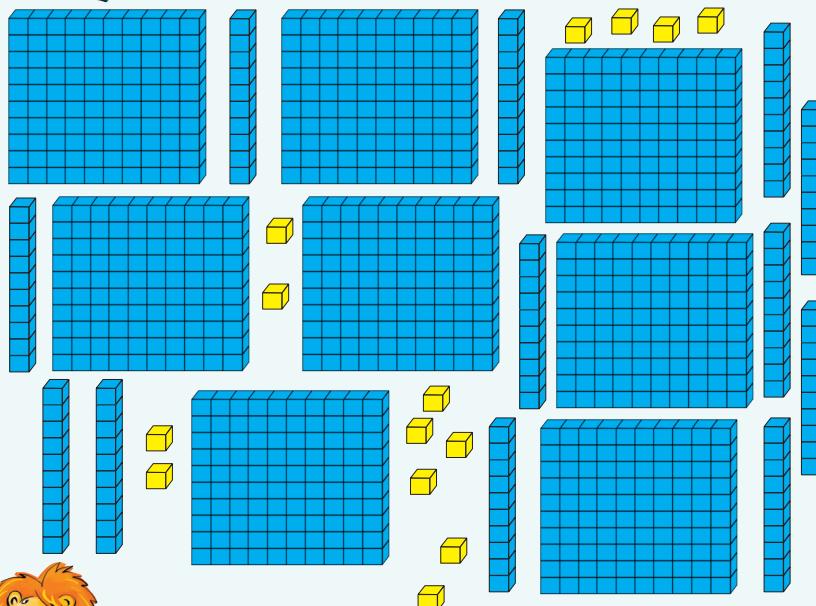
945; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 967

- f. Ngwala dinomoro tše di latelago tše 8 ka patrone ya di-5.

936; 941; 946; _____ ; _____ ; _____ ; _____ ; _____ ; _____



O bala dipoloko tše kae?



O badile bjang dipoloko?



Feleletša methalopalo.

950	<input type="text"/>	<input type="text"/>	<input type="text"/>	953	<input type="text"/>	<input type="text"/>	<input type="text"/>	957	958	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	956	961	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	903	906	<input type="text"/>	<input type="text"/>



Feleletša lenaneo.

Ngwala go tloga go ye
nnyane go feta go fihla go ye
kgolo go feta

Ngwala go tloga go ye kgolo
go feta go fihla go ye nnyane
go feta

936, 933, 935, 931, 937	<input type="text"/>	<input type="text"/>
978, 907, 970, 917, 971	<input type="text"/>	<input type="text"/>



Ngwala nomoro ye e latelago ka mantšu.

695



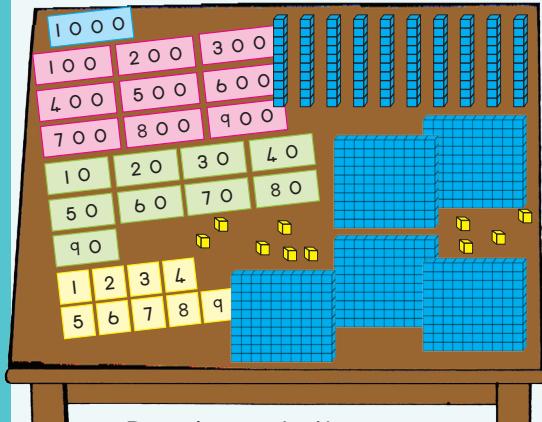
11 12 13 14 15 16 17 18 19 20

104

Dinomoro tše di oketsegilego: 900 go fihla go 1 000

Letšatšikg wedi:

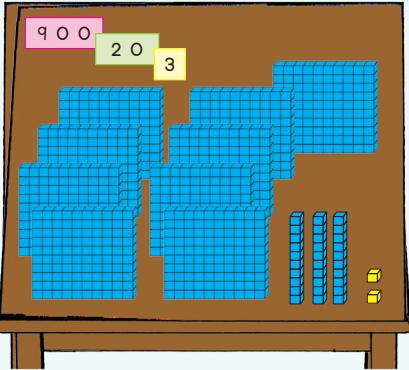
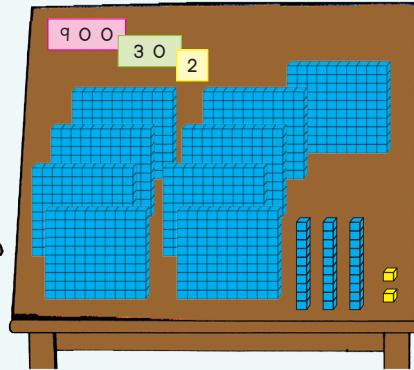
Kotara ya 4



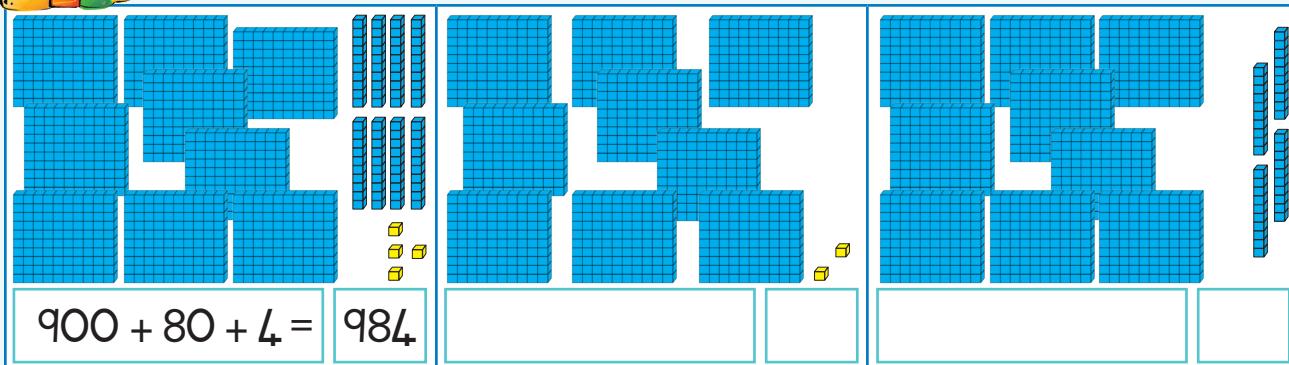
Rati o be a na le dikarata tša
kemapalo ye e latelago, le
dipoloko tša motheo tše 10.

Morutiši o kgopela Rati gore a
laetše 932 ka dikarata le dipoloko
tša gagwe.

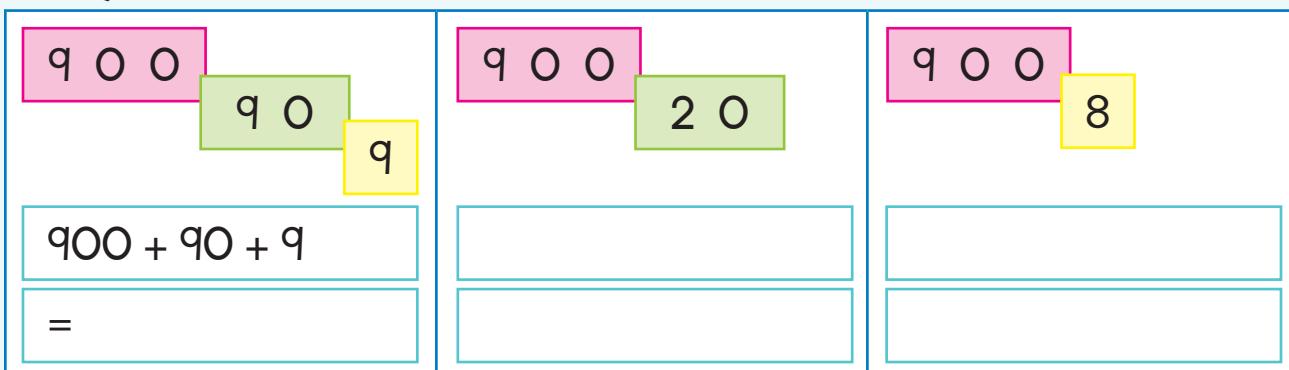
Se ke se Phuki a se laeditše.
O šaeditše eng?



Ngwala lefokopalo, ka morago o ngwale karabo.



Ngwala lefokopalo, ka morago o ngwale karabo.





Feleletša mothalopalo.

989 990 991 999

Ngwala dinomoro ka moka tše di lego tše nnyane go 995. _____

Ngwala dinomoro ka moka tše di fetago 95. _____



Ngwala < goba > goba =



a. 999 998 b. 957 975

c. $900 + 60 + 1$ 961

Aroganya nomoro ya gago.

- Aga nomoro ye nngwe le ye nngwe ka dikarata tša gago.
- Ngwala boleng bja mono wo mongwe le wo mongwe. Bjale, dira tše: Aroganya nomoro ya gago.

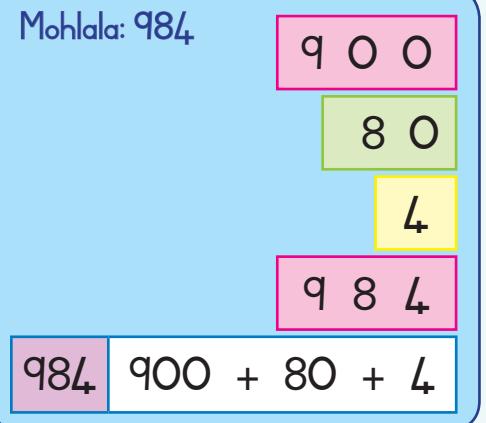
922
959
980
907
931



Ngwala mainapalo.

976
905
950
821
909

Mohlala: 984



105

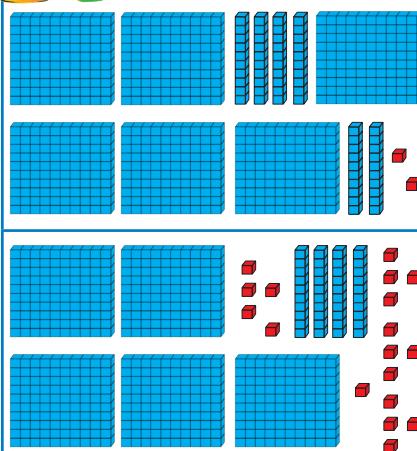
Go hlakantšha le go ntšha, go fihla go qqq

Letšatšikg wedi:

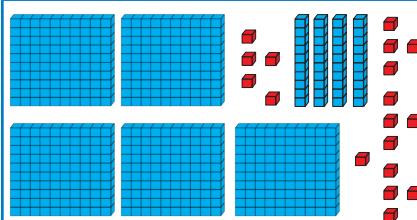
Kotara ya 4



Ngwala lefokopalo la ye nngwe le ye nngwe.



Hlaloša gore o badile bjang dipoloko.



Hlaloša gore o badile bjang dipoloko.



Šomiša mohlala gore o go hlahle.

5 0 5 0 50 gabedi ke 100

3 0 0 3 0 0

2 0 0 2 0 0

3 3



Šomiša tše di nyakilego di pedifaditšwe go rarolla
tše di latelago. Šomiša mohlala gore o go hlahle.

a. $43 + 44 =$

pedifatša $43 + 1$

$43 + 43 + 1 = 87$

b. $81 + 41 =$

c. $40 + 41 =$

d. $66 + 67 =$



Šomiša dipedifatšwa goba
tše di nyakilego di pedifaditšwe go rarolla
tše di latelago. Šomiša mohlala gore o go hlahle.

a. Pedifatša 340

$$= 340 + 340$$

$$= \text{Pedifatša } 340$$

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

$$= 600 + 80$$

$$= 680$$

b. $340 + 341$

$$= \text{Pedifatša } 340 + 1$$

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

$$= 600 + 80 + 1$$

$$= 681$$

c. $470 + 470$

d. $461 + 462$



Rarolla tše di latelago.



Ba Mphato wa 2 ba kgobokeditše dimabolo tše 360.

Ba Mphato wa 3 ba kgobokeditše dimabolo tše di fetwago ke tša ba Mphato wa 2 ka 216.

Ba Mphato wa 3 ba na le dimabolo tše kae?



Ka-ga ntlo

Letšatši la go paka.

Mmane Dineo o paka borotho ka ontong ya gagwe.

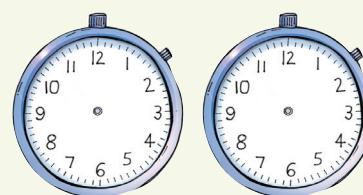
Bontšha nako mo dišupanakong tše.

Seripagare le kotara.

O lokela borotho ka kotara go tšwa iring ya bone.

O ntšha borotho metsotso ye mehlano ka morago ga
iri ya bohlano.

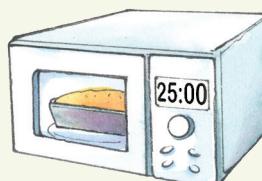
Borotho bo tšere nako ye kae go butšwa? _____



Mmago Ann o šomiša maekero-obene. O butšwiša ka pela.

Nako ke 16:30. Lebelela nako ya go apea yeo e beilwego, mo go maekero-obene.

Borotho bo tlile go loka neng? _____



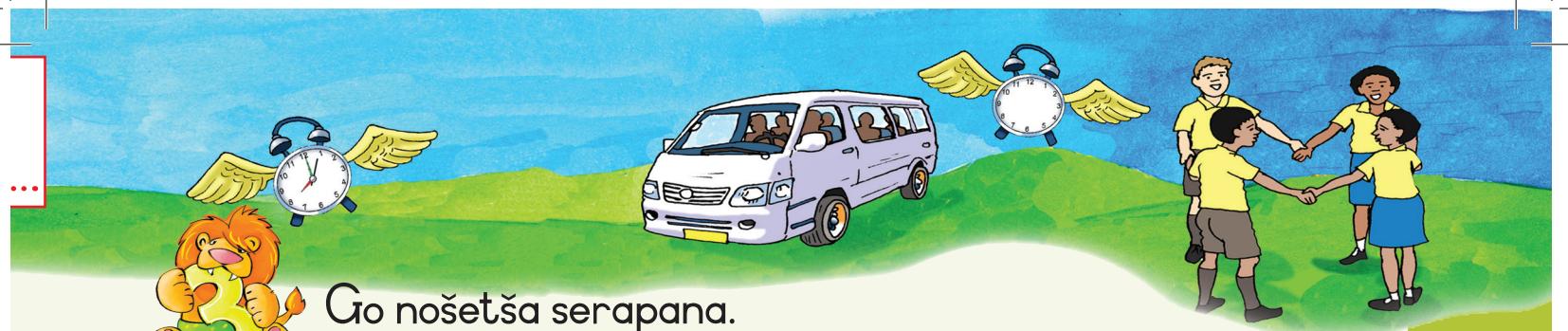
Maekero-obene o ka pela gakaakang go feta onto ye nngwe?

Metsotso ye _____. _____.

**Mešomo ya mesong.**

Mesong ya Mokibelo, Tumišo le Phuki ba thuša
mmagobona ka mošomo wa ka ntlong. Mošongwana wo
mongwe le wo mongwe o tšeа nako ye kaakang?

	Thoma	Fetša	Nako ye kaakang?
Go apea difihlolo	6:15	6:40	
Go hlatswa dibjana	7:20	8:05	
Go hlwekiša khitšhi	8:20	9:15	
Go hlwekiša phapošibohlapelo	10:00	10:25	
Go hlwekiša phapošiborobalelo	11:30	12:15	



Go nošetša serapana.

Lethopo le ka šomiša dilitara tše 30 tša meetse ka motsotso o !!

Lethopo le ka šomiša dilitara tše kae tša meetse ka:

Metsotso ye 2: dilitara tše _____.

Metsotso ye $2\frac{1}{2}$: Dilitara tše _____.

Metsotso ye 5: Dilitara tše _____.

Metsotso ye 10: Dilitara tše _____.



Go apea kheri.

Tatago Tumišo o dira kheri o bile o a e rekiša. Ka beke o šomiša dimililitara tše 750 tša oli.

O ngwala gore o šomiša oli ye kaakang letšatsi le lengwe le le lengwe.

Mošupologo	Labobedi	Laboraro	Labone	Labohlano	Mokibelo	Lamorena
98 ml	122 ml	108 ml	117 ml	109 ml	135 ml	?

a. O šomiša dimililitara (ml) tše kae tša oli go tloga Mošupologo go fihla Mokibelo?
_____ dimililitara.

b. O šomiša dimililitara (ml) tše kae tša oli ka Lamorena?
_____ dimililitara (ml)

c. Lebotlelo le tee la oli la dimililitara tše 750 le bitša R18,50. Mabotlelo a 4 a tla ja bokae?

Lekola!
Bapetša!
Lokiša!



107

Go ſoma ka tſhelete

Letſatſikg wedi:

Kotara ya 4



Bala dikhoine le tſhelete ya pampiri.

$10 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}1 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}1 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}1 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$
$100 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$
$100 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}1 = \text{R} \underline{\hspace{2cm}}$	

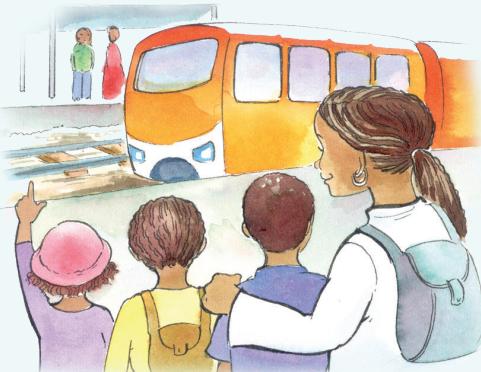


Leeto la setimela.

Hunadi le bana ba gagwe ba 3 ba sepela ka setimela.

Bana le batho ba bagolo ba lefa go lekana.

Hunadi o lefa ka tſhelete ye ya pampiri.



O hwetſa tſhentſhi ya R300.

Na o reka thekethe e l ka bokae? Swaya (✓) mo go karabo ya maleba.

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

Lekola!
Bapetſa!
Lokiſa!



Lebenkele la sephasa la Oketšo.

Oketšo o dira lenaneo la tšelete ye a e hwetšago. O thoma ka go lekanyetša ka morago a bala letseno la letšatši. Letseno ke tšelete yeo re e hwetšago. Thuša Oketšo go feleletša go bala. Ngwala karabo lenaneong le.

		Lekanyetša	Palomoka
Mošupologo	R50 + R75 + R200 + R350 + R25		
Labobedi	R25 + RI75 + R50 + R320 + R90		
Laboraro	R50 + R75 + R200 + R350 + R25		
Labone	RI20 + R55 + RI80 + R245 + R25		
Labohlano	R60 + RI50 + RI40 + R200 + RI25		
Mokibelo	R50 + R75 + R200 + R350 + R25		
Lamorena			



Laetša gore tšhentšhi ke bokae.

Go hwetša tšhentšhi ya gago, o ka hlakantšha theko ya dilo gomme wa ntšha palomoka ya theko mo go tšelete ya pampiri.

Mohlala:	+ 50c	+ R2	+ RIO	+ RIOO
Phuki o reka dijo ka R87,50. O lefa ka R200 ya pampiri. Tšhentšhi ya gagwe ke bokae?	R87,50	R88	R90	R100
50c + R2 + RIO + RIOO = RI12,50 Tšhentšhi				
Šomiša methalopalo go go thuša gore o hwetše tšhentšhi.				
Theko: R229,40				
Lefa ka:				
Theko: R305,60				
Lefa ka:				



108

Letšatšikg wedi:

Go hlakantšha le go ntšha,
go fihla go qqq

Kotara ya 4



A re direng palontšu.

Thati o kgoboketša dimamaretšwa tše 234.

Tumišo o mo file dimamaretšwa tše dingwe tše 50I.

Bjale o na le dimamaretšwa tše kae?

Potšišo ke eng?

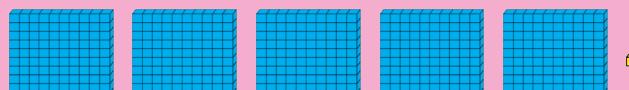
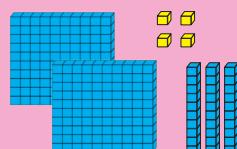
O na le dimamaretšwa tše kae bjale?

Lentšu la motheo ke lefe? gape

Dinomoro ke dife? 234 le 50I

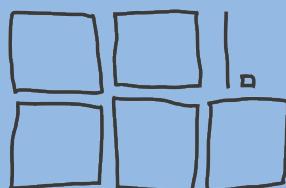


Se ke se Lisa a se dirilego
go dira palontšu ya Thati.



Se ke se Aakar a se dirilego.

O thadile seswantšho.

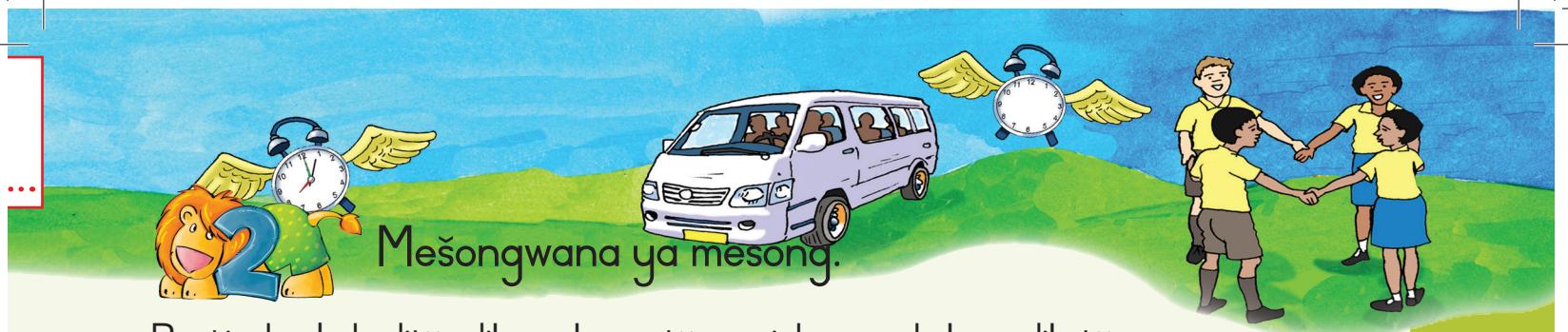


Lisa o beile bjang motheo wa gagwe wa dipoloko tše lesome go swana le sethalwa sa Aakar.

Šomiša nomoro ye e lego mo palontšung go e dira mo tlase ka go šomiša mekgwa ye mebedi yeo o ithutilego yona go fihla ga bjale.

Mokgwa wa 1

Mokgwa wa 2



Mešongwana ya mesong.

Boati o kgobokeditše dilwanalwana tša projeke ya sekolo ya dilo tša go šomišwa gape. O kgobokeditše mabotlelo a plastiki a 624 le ditshitswana tše nnyane tše 268. Na o kgobokeditše dilwanalwana tše kae?

Potšišo e reng? _____

Dinomoro ke dife?	Lentšu la motheo ke lefe? Swaya karabo ya maleba. Lentšu la motheo le re botša gore re:
Thala seswantšho.	Somiša mokgwa wa gago go rarolla palo.

Lebenkele le na le diphuthana tše 900 tša swikiri. Ka morago ga go rekiša tše dingwe tša diphuthana, o šaletšwe ke diphuthana tše kae tša swikiri. Ba rekišitše tše kae?

Karabo e reng? _____

Dinomoro ke dife?	Lentšu la motheo ke lefe? Swaya karabo ya maleba. Lentšu la motheo le re botša gore re:
Thala seswantšho.	Somiša mokgwa wa gago go rarolla palo.



109

Gə hlakantšha le go ntšha, go fihla go 999 gape

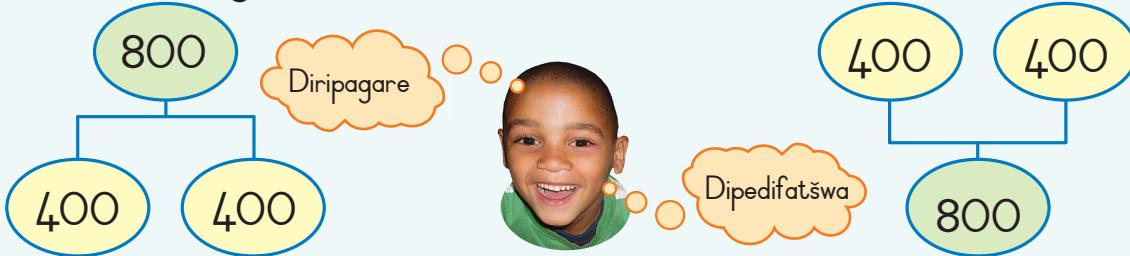
Letšatšikg wedi:

Kotara ya 4

Lebelela dithalwa gomme o di hlaloše.



Feleletša tše di latelago:



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

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



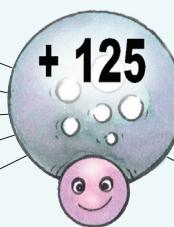
Ngwala dinomoro.

- a. 523 oketša ka 12 ke _____.
- b. 540 oketša ka 15 ke _____.
- c. 576 oketša ka 20 ke _____.
- d. 590 oketša ka 60 ke _____.

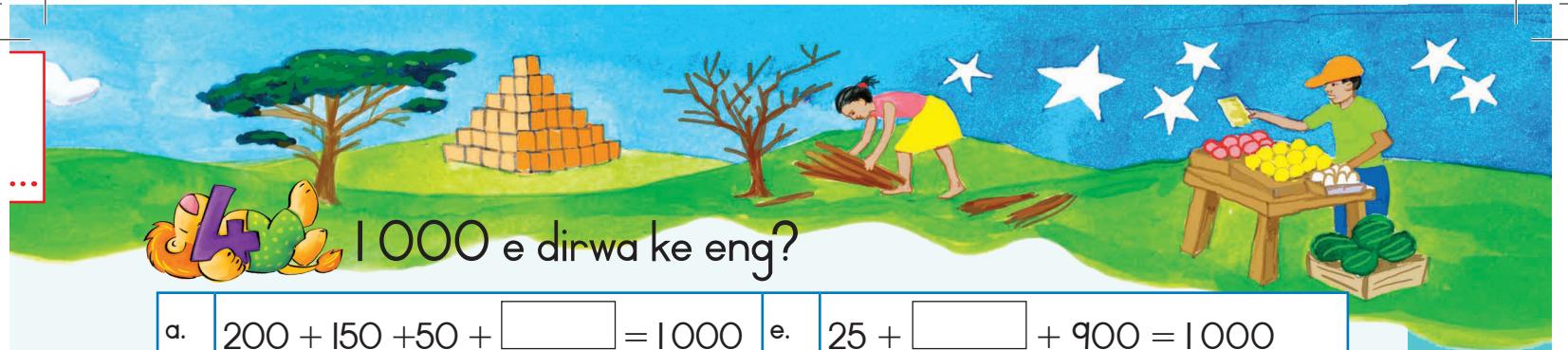
- e. 537 ntšha 29 ke 29 _____.
- f. Seripagare sa 300 ke _____.
- g. 420 gabedi ke _____.
- h. Seripagare sa 600 ke _____.

Hlakantšha
ka 125.

200
150
125
250
400



325



1000 e dirwa ke eng?

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

Hwetša maloko a + le a -.

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



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

Lekola!
Bapetša!
Lokiša!

Hlakantšha gomme o ntšhe masome le makgolo.

a. Masome le makgolo



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

b. Palotlalo ya masome (Dikatišo tša lesome)

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

Rarolla tše di latelago

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



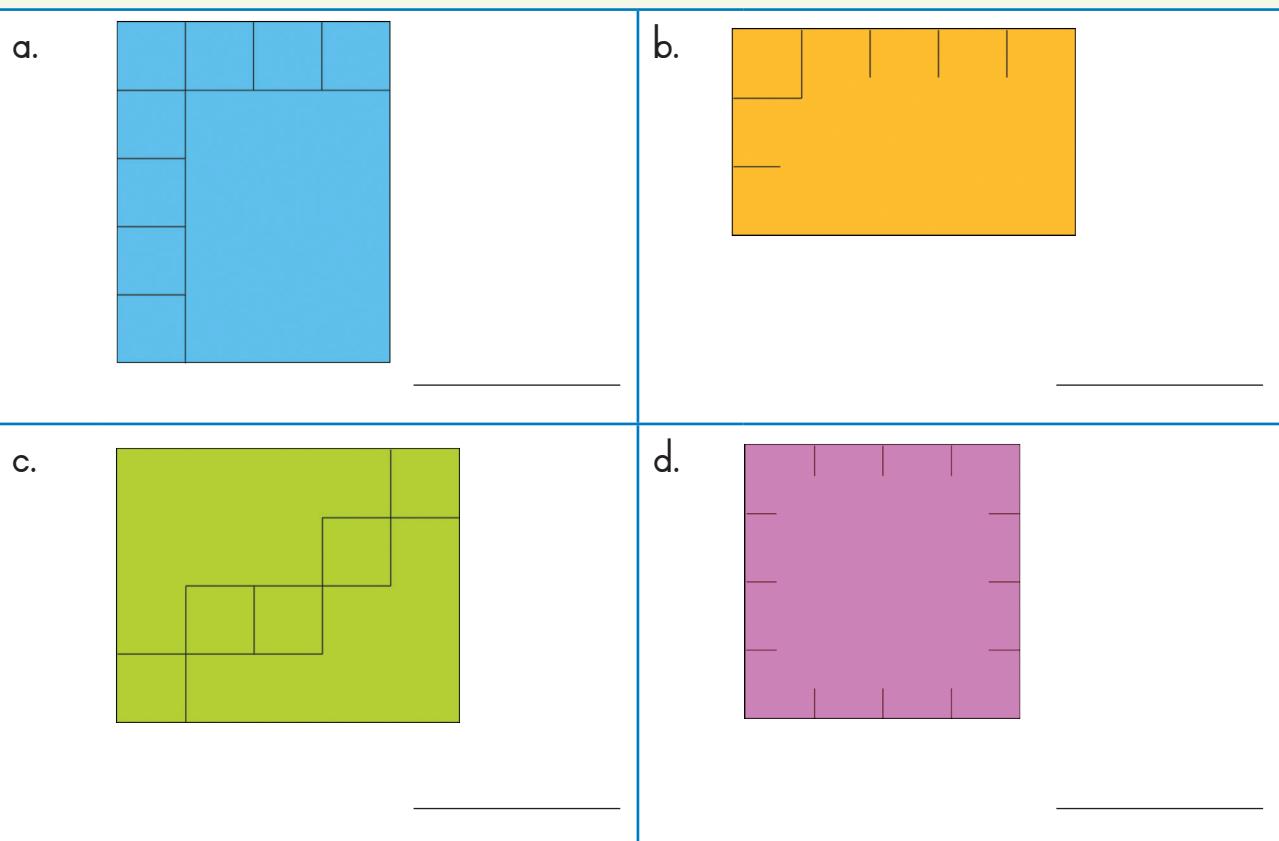


Kotara ya 4

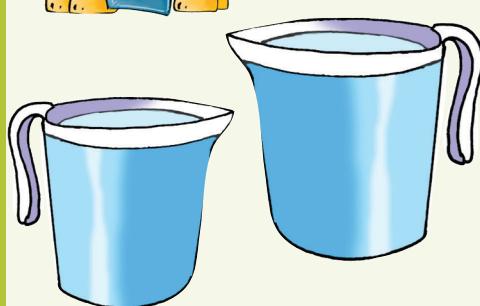


Hwetša area.

Go nyakega dikwere tše kae go khupetša sekgoba se sengwe le se sengwe? 
Šomiša mokgwa wa gago go hwetša karabo. O ka thala dikwere mo diswantšhong gore di go thuše go hwetša karabo.



Rarolla thai.



O nyaka go ela dilitara tše 4 tša meetse.

O swere fela ditshelo tše pedi: se tee se swara dilitara tše 3 gomme tše dingwe di swara dilitara tše 5. O e rarolla bjang?

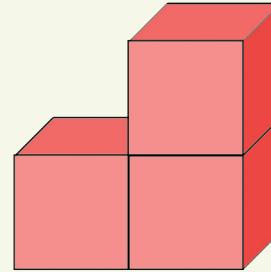
Mohlala: bonnyane go na le mekgwa ye mebedi



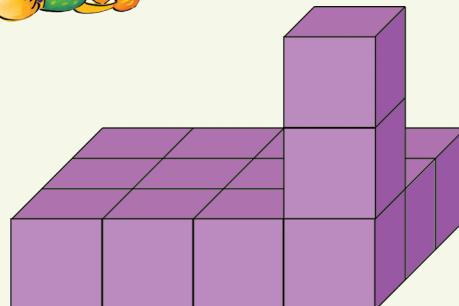
O bona eng?

Dipoloko tše tharo di kgomagantšwe go swana le mo go seswantšho se.

Ge o topa dipoloko tše di kgomagantšwego o bala dikwere tše kae ka sakantle?



Bala dikube.



Ke dikube tše kae tše di dirago sebopego se?



Tlhohlo: thai ya nako.

Tlhahlo

O na le dielanako tše santa tše pedi.

Kelo e tee ke metsotso ye 7 gomme kelo ye nngwe ke metsotso ye 11.

O ka diriša bjang dielanako go hwetša gore metsotso ye 15 e fetile ka nako mang?

Lekola!
Bapetša!
Lokiša!



11 12 13 14 15 16 17 18 19 20



Dipatrone tša dinomoro: masome go fihla go 900

Letšatsikg wedi:

Kotara ya 4

A re baleng ka di-10 go tloga go 800 go fihla go 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



Dinomoro tše di diretšwego sediko di re laetša
patrone efe?

Tša sediko se **sehubedu**: Go bala ka di- _____.

Ngwala patron: _____

Tša sediko se **setalamorogo**: Go bala ka di- _____.

Ngwala patron: _____



Bala.

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. $855 - 10 =$ _____



Ke dikotana tše kae?

Go na le dikotana tše 10 mo go ngata.



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

10		=	dikotana
20		=	dikotana
30		=	dikotana
40		=	dikotana
50		=	dikotana
60		=	dikotana
70		=	dikotana
80		=	dikotana
90		=	dikotana
100		=	dikotana



Methalo ya dikotana.



Go na le dingata tše lesome tsha dikotana mo mothalong = 100 dikotana

Mothalo o I wa dingata tše $10 \div 100$ dikotana

$$10 \times 10 = 100$$

Methalo ye 2 ya dingata tše $10 =$ dikotana $20 \times 10 =$

Methalo ye 4 ya dingata tše $10 =$ dikotana $40 \times 10 =$

Methalo ye 10 ya dingata tše $10 =$ dikotana $100 \times 10 =$



Ke dingata tše kae?

Dikotana tše 700 di dira dingata tše _____.



Dikotana tše 900 di dira dingata tše _____.

Dikotana tše 1 000 di dira dingata tše _____.



II2

Ruma ka go iša go lesome (IO) la kgauswi

Kotara ya 4

Re dirile go enetša lephephetšhomong la go feta. Lebelela mothalopalo gomme o hlalošetše mogwera wa gago gore o tla enetša bjang go ya go lesome la kgauswi.



Gopola: o swanetše go lebelela metšo ge o enetša go ya go IO la kgauswi.

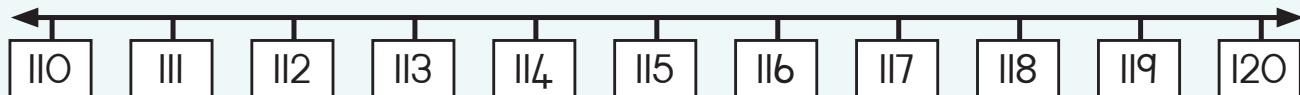


Enetša go ya go lesome (IO) la kgauswi.



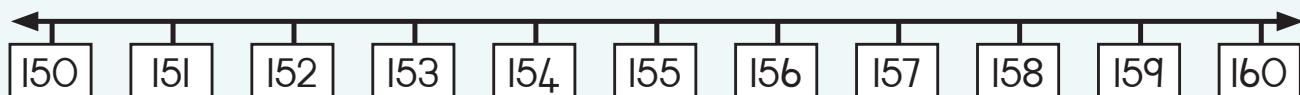
II4 ge e enetša ke? _____

II7 ge e enetša ke? _____



I59 ge e enetša ke? _____

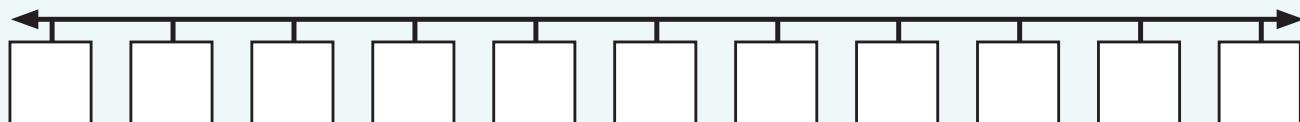
I51 ge e enetša ke? _____



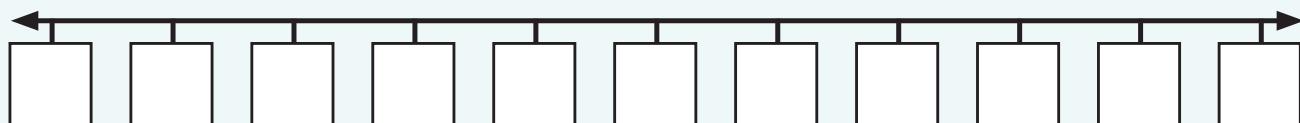
Ithalele mothalopalo wa gago.

Feleletša mothalopalo.

I95



945



100

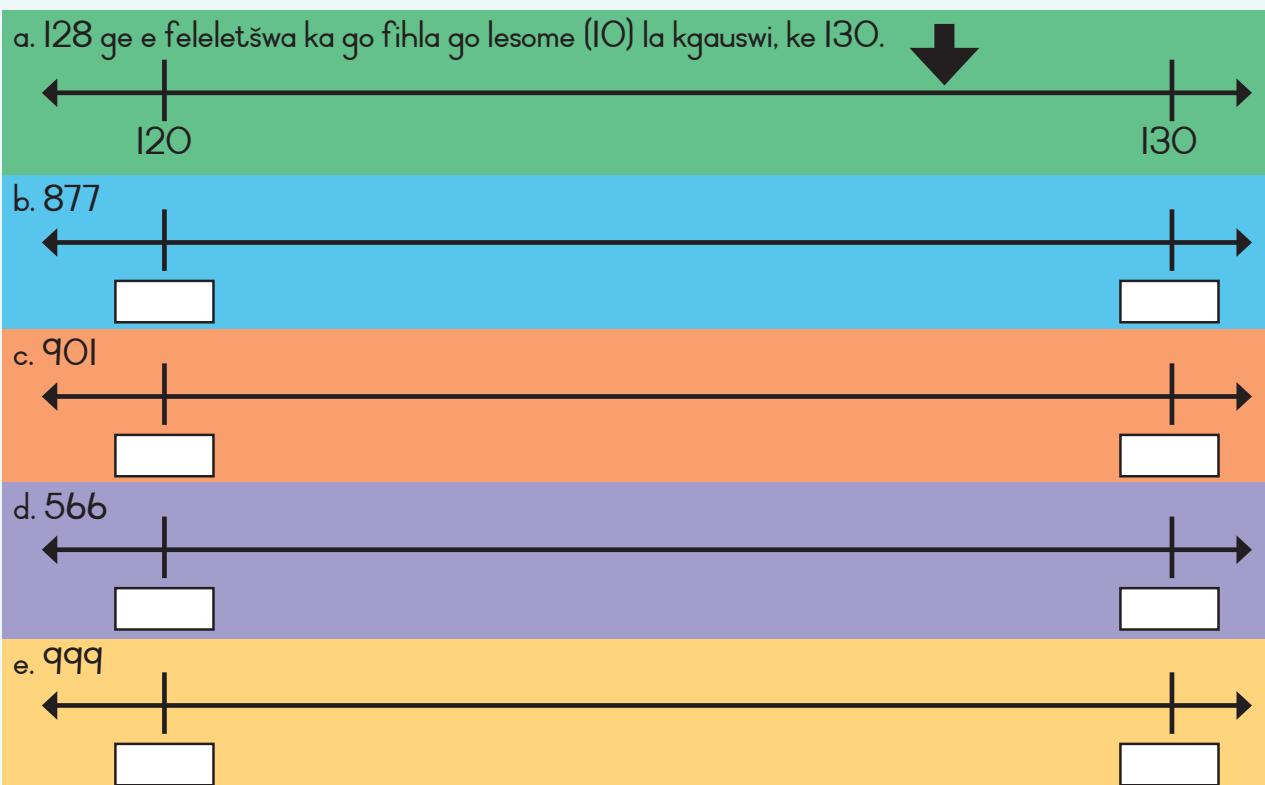
1 2 3 4 5 6 7 8 9 10



Feleletša ka go fihla go lesome (10) la kgauswi.

Pele o feleletša:

- ngwala gore mo gare ga di-10 tše pedi, ke nomoro efe ye e swanetšego go feleletšwa.
- laetša ka mosebe/lerumo mo go mothalopalo gore nomoro ye e tlo feleletšwago e ka ba kae.



Feleletša nomoro ye e latelago ka go fihla go lesome (10) la kgauswi.

- | | | | | | | | | | |
|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|
| a. 161 | <input type="text"/> | b. 583 | <input type="text"/> | c. 415 | <input type="text"/> | d. 848 | <input type="text"/> | e. 612 | <input type="text"/> |
| f. 230 | <input type="text"/> | g. 327 | <input type="text"/> | h. 989 | <input type="text"/> | i. 534 | <input type="text"/> | j. 748 | <input type="text"/> |



Na ke swanetše go ba le di-10 tša pampiri, tše kae?

Boati le bagwera ba gagwe ba 8 ba ya moletlong wa sekolo wa letšatši la sekolo la go ithabiša. Letšatši leo la go ithabiša le bitša R4 motho o tee. Boati o bolokile tšelete, gomme o ithaopa go lefela bagwera ba gagwe. O ile go ATM go yo ntsha tšelete. ATM e fa tšelete ya pampiri fela. O swanetše go ba le di-10 tše kae tša pampiri?



113

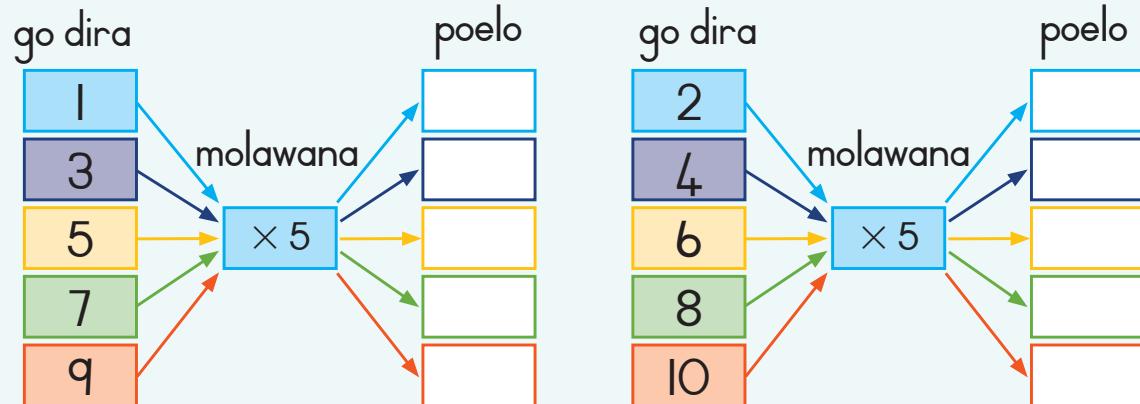
Go atiša le go arola: di-5 go fihla go 100

Letšatšikg wedi:

Kotara ya 4



Feleletša seswantšho sa go bontšha tatelano ya ditiro.



Feleletša lenaneo la mo tlase:

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



Balela:

$$12 \times 5$$

$$= (10 + 2) \times 5$$

$$= 50 + 10$$

$$= 60$$

$$13 \times 5$$

$$= (10 + 3) \times 5$$

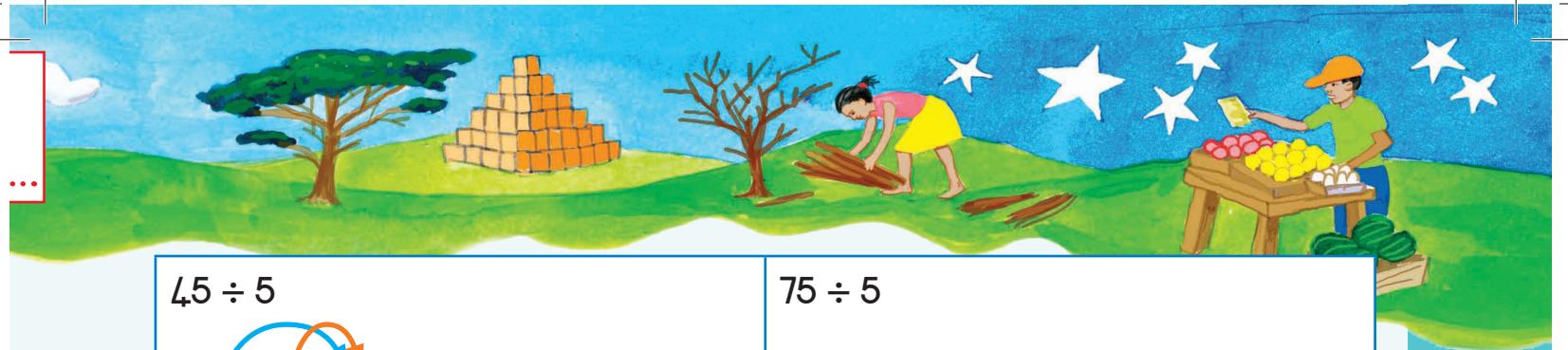
$$= 50 + 15$$

$$= 50 + 10 + 5$$

$$= 65$$

$$11 \times 5$$

$$13 \times 5$$



$$45 \div 5$$

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

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

$$= 8 + 1$$

$$= 9$$

$$75 \div 5$$

$$48 \div 5$$

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

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

$$= 8 + 1 \text{ maš } 3$$

$$= 9 \text{ maš } 3$$



Rarolla dipalo tše di latelago:

Serapana sa merogo se na le methalo ye 14 ya dibjalo.

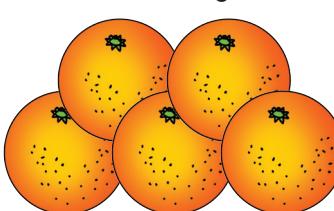
Mothalo wo mongwe le wo mongwe o na le palo ya go lekana ya dibjalo.

Ge go na le dibjalo tše 70, go na le dibjalo tše kae mothalong wo mongwe le wo mongwe?



Motswaledi o rekiša mekolana ye e nago le dinamune tše hlano ka go mokolana wo mongwe le wo mongwe.

O na le dinamune tše 85.



A ka tlatša mekolana ye mekae?



114

Dipatrone tša dinomoro: hlano go fihla go 1 000

Letšatšikg wedi:

Kotara ya 4

A re bale ka di-5 go thoma go 805 go fihla go 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



Dinomoro tše di diretšwego sediko di laetša patrone efe?

Tše di diretšwego sediko ka botalalerata :	Go bala ka di _____.
Ngwala patrone:	
Tše di diretšwegogo sediko ka phepholo :	Go bala ka di _____.
Ngwala patrone:	



Bala.

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. $853 - 5 - 5 - 5 =$ _____



Papetla ya dinomoro: 901 go fihla go 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



Ngwala dinomoro tše di tlogetšwego.

Phapano ke eng magare ga dinomoro tše talamorogo le tše phepholo mo mothalong o tee.

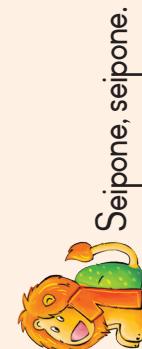
Feleletša dipatrone.

Na o lemoga patronе?	E hlaloše.
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, _____	



15

Cape ka ga go swana



.

Bapala le molekane wa gago le šomiša ye nngwe ya disete
tša phasele ye ka diripana tše ||4 go tšwa go Sesegwa sa ||0.

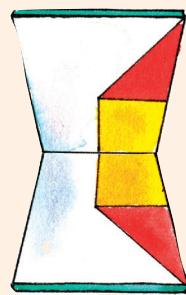
Moraloki yo mongwe le yo mongwe o swere seripagare sa dibopego tša diripana tša diphasele tša
go thaela. Go se be le diripana tša go swana.

Thala mothalo go bapela le bogare bija sempana sa pampiri. Se se tla ba mothalo wa sesüpo.

Moraloki wa mathomo o bea diripana tša gagwe kgauswile mothalo.

Moraloki wa bobedi o bea sesüpo ka thoko ye nngwe ya mothalo. Se swanetše go kgwathha mothalo
goba sebopego sa ye nngwe ya tšeoo di šatšeego di belwe.

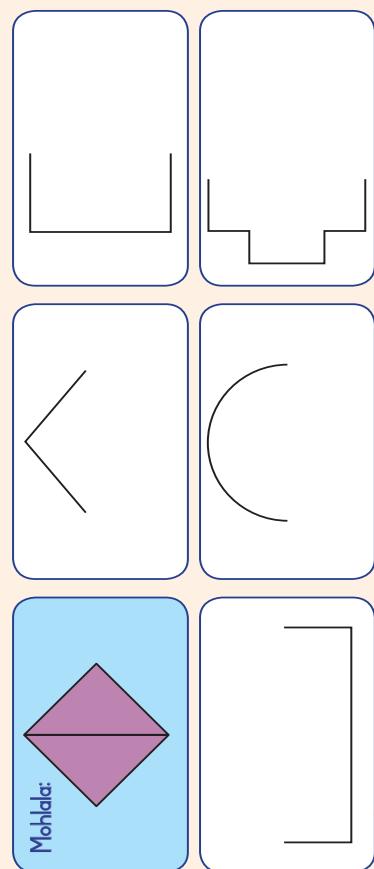
Tšwela pele go fihlä ge diripana ka moka di šomisitšwe.



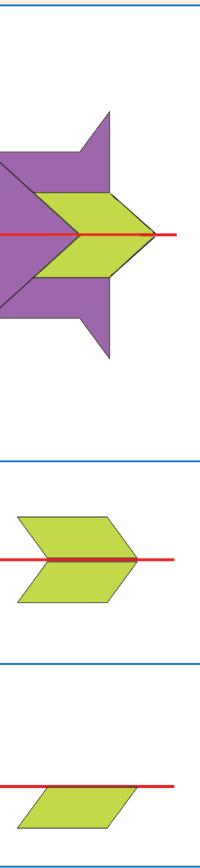
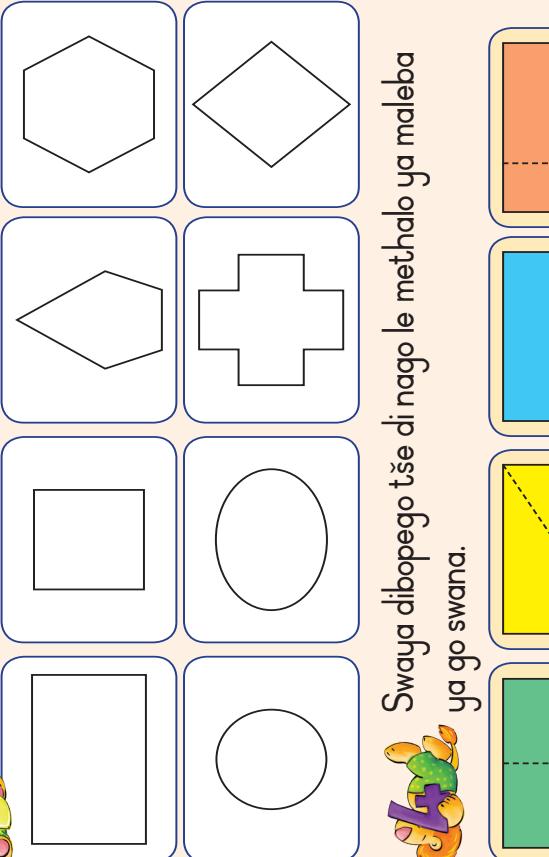
Leketšikqwedzi:

Thala ka thoko ye nngwe ya sebopego.

Bjale laetša mothalo wa go swana.



Thala mothalo wa go swana mo go tše di latelago:



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | q | 0 |

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



Dipatrone tša dinomoro: di-2 go fiha go 900.

A re baleng ka di-2 go tloga go 802 go fiha go 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

Kotara ya 4

Palohlokatēkanelo le palotekanelo.

a. Thala (x) kgauswi le dipalohlokatēkanelo le (✓) kgauswi le dipalotekanelo.

908	914	923	916	907	929	912	915
917	925	931	930	930	909	922	933

b. Araba o re: palohlokatēkanelo goba palotekanelo.

Hlikanya dipalohlokatēkanelo tše pedi. O hwetsa palo _____.

Hlikanya dipalotekanelo tše pedi. O hwetsa palo _____.

O hlakantsa dipalohlokatēkanelo tše tharo. O hwetsa palo _____.

Go bijala mehlare.

Wo ke mokgwa wa go bijala mehlare ye 48 methalong ya go lekana.



Re ka ngwala: $2 \times 24 = 48$ (mehlare ye 2 ya mehlare ye 24 = 48) goba $48 \div 2 = 24$.

(mehlare ye 48 methalong ye 2 ya go lekana e re mehlare ye 24 methalong o tee).

Bala met'halo le mehlare seswantshong se sangwe le se sangwe mo tlae.

Ngwalla lefokopalo la x le la ÷ gore a sepelelane.

Dinomoro tše di diretšwego sediko di re laetša patrone efe?

Tše di diretšwego sediko ka botalalerata: Go balaka di _____.

Ngwalla patrone:

Tše di diretšwego sediko ka botalamorogo: Go balaka di _____.

Ngwalla patrone:



Bala.

- | | | |
|----------------------------------|------------------------------|------------------------------|
| a. $872 + 2 + 2 + 2 =$ _____ | b. $820 - 2 - 2 - 2 =$ _____ | c. $844 + 2 + 2 =$ _____ |
| d. $832 - 2 - 2 - 2 - 2 =$ _____ | e. $883 + 2 =$ _____ | f. $842 - 2 - 2 =$ _____ |
| g. $801 + 2 + 2 + 2 + 2 =$ _____ | h. $815 - 2 =$ _____ | i. $846 - 2 - 2 - 2 =$ _____ |

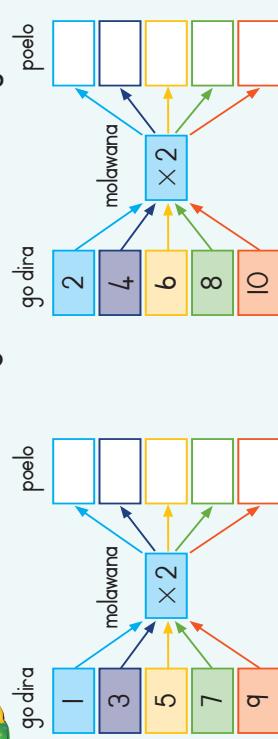
a. _____ \times _____ = _____	b. _____ \times _____ = _____	c. _____ \div _____ = _____
d. _____ \times _____ = _____	e. Hwetsa mokgwa wo mongwe wa go bijala mehlare ye 48 mo methalong. \times _____ = _____	f. _____ \div _____ = _____
Teacher: _____ Sign: _____ Date: _____		

11 12 13 14 15 16 17 18 19 20

117

Gio atjisa le go arola:
di-2 go fiha go 100

Feleletša seswantšo sa go bontša tatelano ya ditiro.



Feleletša lenaneo la mo tase:

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

Kotara ja 4

Let's play!

$$46 \div 2 = (40 + 6) \div 2 = (40 \div 2) + (6 \div 2) = 20 + 3 = 23$$

$$74 \div 2 = (70 + 4) \div 2 = (70 \div 2) + (4 \div 2) = 35 + 2 = 37$$

$$47 \div 2 = (40 + 7) \div 2 = (40 \div 2) + (7 \div 2) = 20 + 3 = 23$$

$$75 \div 2 = (70 + 5) \div 2 = (70 \div 2) + (5 \div 2) = 35 + 2 = 37$$



Rarolla dipalo tše di latelago:

Serpanana sa merogo se na le methalo ye 32 ya dibjalo.

Mothalo wo mongwe le wo mongwe o na le dimela tše 2.

Gie na le dimela tše kae ka serpaneng?

Serpanana sa merogo se na le methalo ye 48 ya dimela.

Mothalo wo mongwe le wo mongwe o na le dimela tše go lekana.

Gie go na le dimela tše 80 go na le dimela tše kae mothalong wo mongwe le wo mongwe?

11 12 13 14 15 16 17 18 19 20

111



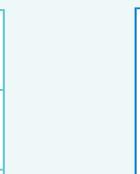
Balela:

$$11 \times 2$$

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

$$22 \times 2$$

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



Balela:

$$11 \times 2$$

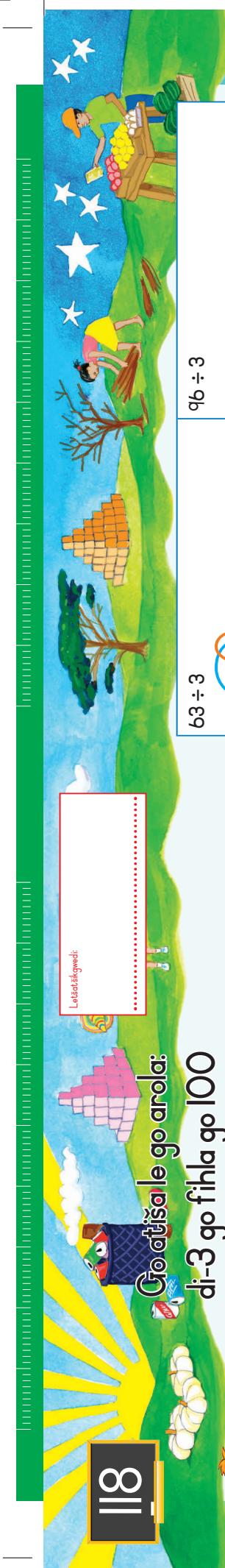
$$12 \times 2 = (10 + 2) \times 2 = 20 + 4 = 24$$

$$22 \times 2$$

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

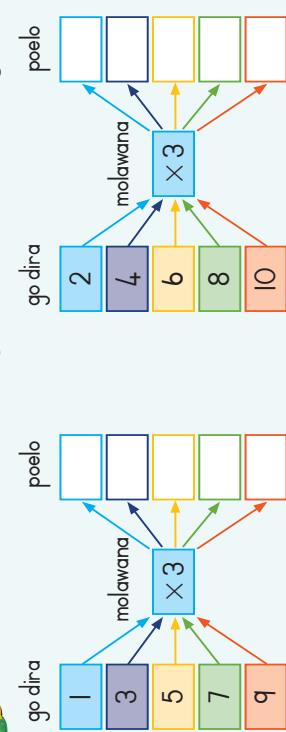


110



**Go atjisa le go aralo:
di-3 go fiha go 100**

Feleletša sessantšo sa go bontša tatelano ya ditiro.



Feleletša lenaneo la mo tlaše:

\times	1	2	3	4	5	6	7	8	q	10
3										

Kotara ja 4

18

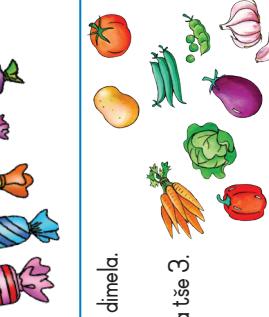
$63 \div 3$	$96 \div 3$
$= (60 + 3) \div 3$	$= 90 \div 3$
$= (60 \div 3) + (3 \div 3)$	$= 30 + 1$
$= 20 + 1$	$= 21$

$65 \div 3$	$98 \div 3$
$= (60 + 5) \div 3$	$= 90 \div 3$
$= (60 \div 3) + (5 \div 3)$	$= 20 + 1$
$= 20 + 1$	$= 21$



Monene o na le malekere a 30.
Malekere a alekana le a Malelo galesome.
Malelo o na le malekere a maeke?

Serpana sa merogo se na le methalo ye 2q ya dimela.
Mothalo wo mongwe le wo mongwe o na le dimela tše 3.
Ge go na le dimela tše kae ka serpaneng?



Rarolla dipalo tše di latelago:

12×3	11×3
$= (10 + 2) \times 3$	$= 10 \times 3$
$= 30 + 6$	$= 30$
$= 36$	

17×3	19×3
$= (10 + 7) \times 3$	$= 10 \times 3$
$= 30 + 21$	$= 30$
$= 51$	

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

119

Potroneuya dinomoro: di-3 go fihla go | 000

A re baleng ka di-3 go tloga go 803 go fihla go 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

Papetla ya dinomoro tše: 901 go fihla go | 000.

901		903	904		906	907		909	910
		912	913		915	916		918	919
921		922	924		925	927	928		930
931		933	934		936	937		939	940
		942	943		945	946		948	949
951		952	954	955		957	958		960
		961	963	964	966	967		969	990
		972	973		975	976		978	979
981		982	984	985		987	988		990
991		993	994		996	997		999	1000

Kotara ja 4

Lekstakogwe.



Papetla ya dinomoro tše: 901 go fihla go | 000.

A re baleng ka di-3 go tloga go 803 go fihla go 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

Dinomoro tše di diretšwego sediko di re laetša patrone efe?

Tše di diretšwego sediko ka mmala wa namune: Go bala ka di _____.

Tše di diretšwego sediko ka botalamorogo: Go bala ka di _____.

Ngwalala patrone: _____

Tše di diretšwego sediko ka botalamorogo: Go bala ka di _____.

Ngwalala patrone: _____

Bala.



Ngwala dinomoro tše di tlogetšwego.

Khalara poloko ya dinomoro tše di tlogetšwego ka botdalera. Khalara dipoloko tše tshweu tše dinago le dinomoro ka gare ka bohobedu. Na o bona patronne efe?



Feleletša dipatrone.

- a. Oketsa 981 ka di-3 tše 4. 984, 987, 990, 993
 b. Oketsa 973 ka di-3 tše 5. _____
 c. Ntšha di-3 tše 4 mo go 975. _____
 d. Ntšha di-3 tše 3 mo go 947. _____
 e. Oketsa 932 ka di-3 tše 2. _____

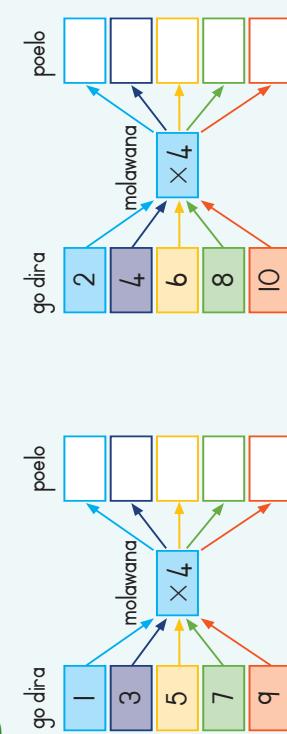


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20



**Gooatūšo le go arola:
di-4 go fihla go 100**

Feleletša seswantšho sa go bontšha tatelano ya ditiro.



Feleletša lenaneo la mo tlase:

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



Kotara ja 4

120

$$\begin{aligned}
 120 \div 6 &= (100 + 20) \div 4 \\
 &= (100 \div 4) + (20 \div 4) \\
 &= 10 + 5 \\
 &= 15
 \end{aligned}$$

$$\begin{aligned}
 120 \div 4 &= (100 + 20) \div 4 \\
 &= (100 \div 4) + (20 \div 4) \\
 &= 10 + 5 \\
 &= 15
 \end{aligned}$$



Rarolla dipalo tše di latelago:

James onale malekere a 36.

Oja malekere a 4 ka letšatsi.

A kaja malekere matšatsi a makae?



Rati o rekiša diputhelwana tše go ba le dinamune tše mne sephuthelwana se sengwe le se sengwe.
O na le dinamune tše 88.
A ka tlatshe diputhelwana tše ka?



$$\begin{aligned}
 12 \times 4 &= (10 + 2) \times 4 \\
 &= 10 + 8 \\
 &= 18
 \end{aligned}$$

$$\begin{aligned}
 15 \times 4 &= 10 + 5 \\
 &= 20
 \end{aligned}$$

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

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

121

Dipatrone tša dinomoro: di-4 go fiha go 1 000

A re baleng ka di-4 go tloga go 804 go fiha go 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

Kotara ya 4

Let's sing wedi:

Papetla ya dinomoro tše: 901 go fiha go 1 000.

901	902	903	904	905	906	907	908	909	910
911	912	913		915	916	917		919	920
921		923	924	925		927	928		927
931	932	933		935	936	937		939	940
941		943	944	945		947	948	949	
951	952	953		955	956	957		959	960
961		963	964	965		967	968	969	
971	972	973		975	976	977		979	980
981	982	983	984	985		987	988	989	
991	992	993		995	996	997		999	1 000

Dinomoro tše di diretšwego sediko di re laetsa patrone efe?
 Tše di diretšwego sediko ka botalamorogo: Go bala ka di _____.
 Ngwala patrone
 Tše di diretšwego sediko ka phepholo: Go bala ka di _____.
 Ngwala patrone



Tše di diretšwego sediko ka botalamorogo: Go bala ka di _____.

Ngwala patrone

Tše di diretšwego sediko ka phepholo: Go bala ka di _____.

Ngwala patrone



Bala.

- | | | |
|------------------------|------------------------|------------------------|
| a. $872 + 4 + 4 + 4 =$ | b. $821 - 4 - 4 - 4 =$ | c. $840 + 4 + 4 =$ |
| d. $836 - 4 - 4 - 4 =$ | e. $885 + 4 =$ | f. $845 - 4 - 4 =$ |
| g. $803 + 4 + 4 + 4 =$ | h. $813 - 4 =$ | i. $847 - 3 - 3 - 3 =$ |

Ngwala dinomoro tše di tlogetšwego.
 Khalaro poloko ya dinomoro tše di tlogetšwego ka botaldalerata. Khalara dipoloko tše tshweu ka bohubedu. Na o bona patrone efe?



Feleletša dipatrone.

- a. Oketša 980 ka di-4 tše 4. 984, 988, 992, 996
- b. Oketša 971 ka di-4 tše 5. _____
- c. Ntšha di-4 tše 4 mo go 963. _____
- d. Ntšha di-4 tše 3 mo go 927. _____
- e. Oketša 938 ka di-4 tše 2. _____



122

Dikarolo tša go lekana tša karolomoka

Seripagare se tee, o ka se sega ka mokgwa
ofe goba ofe.



Sega dikhutlonnethwi tše dingwe go tšwa
pampiring ya mmala
(go tšwa go Seseqwa sa ||).

Lemoga mokgwa ye mengwe ye e fapanego go dira seripagare.

1. Mana khutlonnethwi ya pampiri ka botelele gore e be seripagare. Segga pampiri ka bogare mo lemenong. Diripana tše ka moka di lekana kabogolo. Seripana se sengwe le se sengwe ke seripagare sa $(\frac{1}{2})$ khutlonne ya motheo.
Seripagare se sengwe le se sengwe ke seripagare se tee sa pampiri ya mathomong.
2. Mana pampiri ye nngwe khutlonnethwi ka seripagare mo go putlago. Segga pampiri e be seripagare mo lemenong. Se sengwe le se sengwe sa diripagare tše ke sa bogolo bija go lekana.
3. Mokgwa wo mongwe wa go arola pampiri ka dikarolo tše pedi tša go lekana ke ofe? Hloholomiša ka pampiri le sekero gomme o thalathale mo mothalong moo o tillego go dira lemeno, gomme o sege.

122

Kotara ja 4

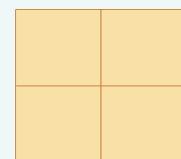
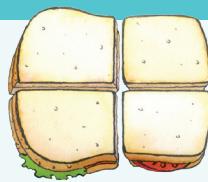
Disangwetše tša noko ya letena.

Rati le bagwera ba gagwe ba 3 ba dira disangwetše tše ntši tša noko ya letena.

Ba di ripaganya ditseenenneng goba dikotara.

Se se ra gore ba di ripa, ba dira tše nne tša go lekana.

Wo ke mokgwa wo mongwe. Laetsa mokgwa ye mengwe ye 3 ya go dira se.

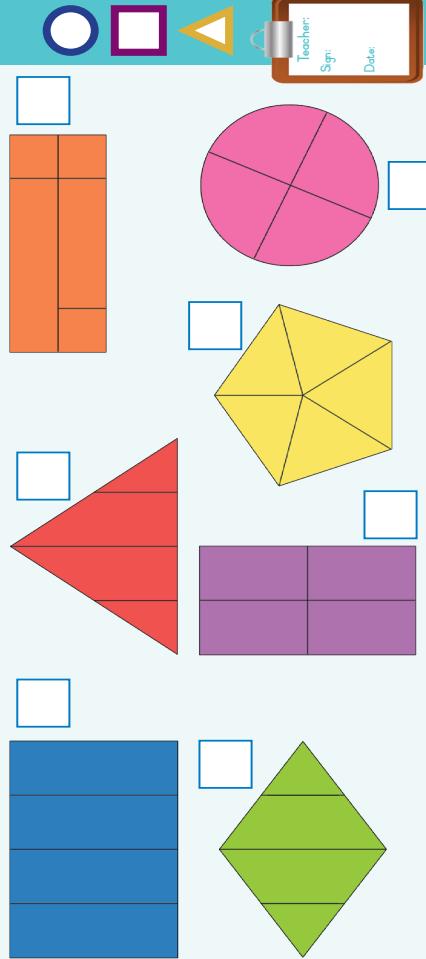


Lekolol
Bapetsa!
Lokišal



Gö arola gomme gwa dirwa dinne.

Ge ne sega selo ro dira dikotara ($\frac{1}{4}$ sl) dinne/ditseenenneng) re a se arola ra dira diripana tše 4 tša go lekana. Swaya (✓) diswantsho tša mo tlase tše di laetsago dikotara goba ditseenenneng.



Diripa tše dingwe gape tša go
lekana tša palotlalo.

Ge re arola selo go dira diripana tše 2 tša go lekana,
diripana tše re di bitša diripagare.

Ge re arola selo go dira diripana tše 3 tša go lekana,
diripana tše re di bitša ditseenenneng.

Ge re arola selo go dira diripana tše 4 tša go lekana,
diripana tše re di bitša ditseenenneng.

Ge re arola selo go dira diripana tše 5 tša go lekana,
diripana tše re di bitša ditseenenneng.

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

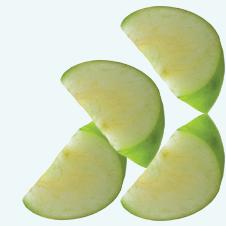
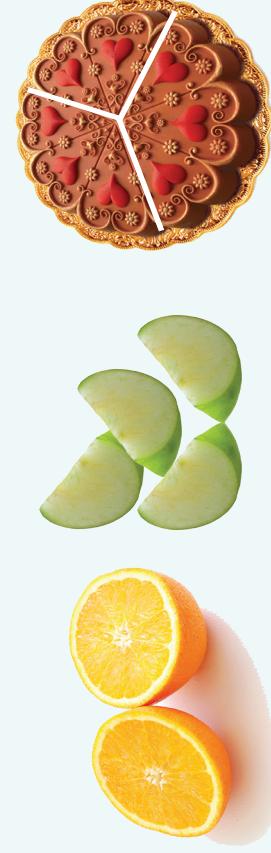
123

Kotara ja 4

Dipalo tša dipalophatlo

Lekšidikgvedi.

Boledišana le bagwera ba gago ka ga dipalophatlo.



Rarollang dipalo tše di latelago ka go arabu dipotsišo
le ka go dira dithalwa.



a. Mohlahli wa kgwele ya diatla o fa moraloki yo mongwe le yo mongwe seripagare sa namune. Go na le baraloki ba 14.
O swanetše go ba le dinamune tše kae? _____

Karabo ke eng?
Dinomoro goba dipalophatlo ke dife mo palong?
Lentšu le boholokwa ke lefē?
Thala seswantšho.

Lentšu le boholokwa ke lentšu leo le tšogo go nthuša gore ke kgethe tshepediso ya maleba.

Karabo ke eng?



Karabo ke eng?

b. Mama o file nna le bagwera ba ka ba lesometee yo mongwe le yo mongwe kôtara ya qapla. O swanetše go ba le dipolatše kae?
Dinomoro goba dipalophatlo ke dife mo palong?
Lentšu le boholokwa ke lefē?
Thala seswantšho?

Karabo ke eng?

c. Mo moletlong wa sekolo ba rekištše dikhlekhe tše di ntšitšwego diripa tše tharo ye nngwe le ye nngwe.
Ba rekištše batlo ba 24 karolwana ya khkhe.
Ba rekištše dikhlekhe tše kae?
Dinomoro goba dipalophatlo ke dife mo palong?
Lentšu le boholokwa ke lefē?
Thala seswantšho.


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

124

Kotara ja 4



Dilo tša mahlakoretharo

Lebelela diswantšho.

Ke sehlöpha sefe seo se laetšago dibolo, disilintere le mapokisi?



Hwetsa diswantšho tše pedi tša se sengwe le se sengwe gomme o di mamaretše mo tlase.



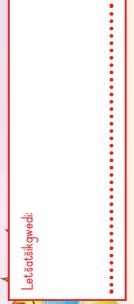
Dilo tša mahlakoretharo

Dilo tše dingwe tše thata di na fela le dikala tše phaphathi.
Tše dingwe di na le dikala tše modikelela.



Thwi le modikelela.

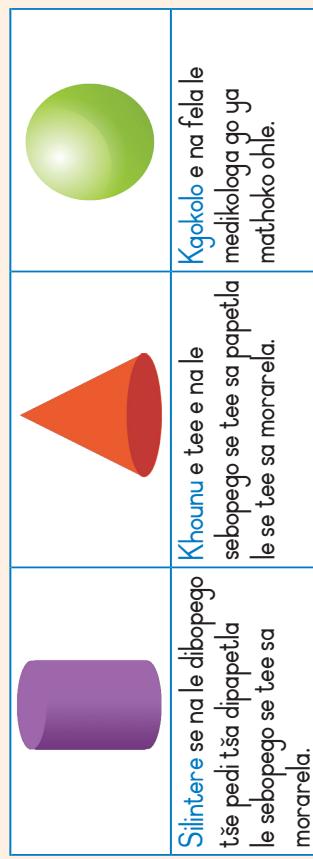
Dilo tše dingwe tše thata di na fela le dikala tše phaphathi.
Tše dingwe di na le dikala tše modikelela.



Dilo tša mahlakoretharo

Lebelela diswantšho.

Ke sehlöpha sefe seo se laetšago dibolo, disilintere le mapokisi?



Go kgokologa.

Nagana ka ga góre silintere, khounu gobaa kgokolo e ka kgokologa bjäng.

Mo go dilo tše 3. ke efe yeo e:

- ka se kgokologelego kgole?
- ka kgokologago ka mothalo wo o sepelago thwi?
- ka kgokologelago thoko efe gobaa efe?



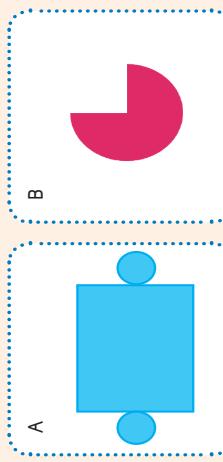
Na lelokwa ke eng?

Sebopego sa papetla seo se ka menegago go dira sethata se bitšwa lelokwa.

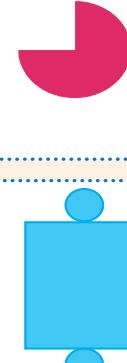
a. Tamati e bopegile bjalo **ka bolo-/lepkisi-/silintere.**

b. Galasee ya go nwala e bopegile bjalo **ka bolo-/lepkisi-/silintere.**

c. Puku e bopegile bjalo **ka bolo-/lepkisi-/silintere.**



A



B



Thalela karabo ya maleba.

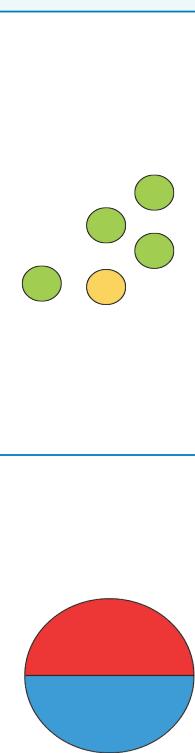
- Tamati e bopegile bjalo **ka bolo-/lepkisi-/silintere.**
- Galasee ya go nwala e bopegile bjalo **ka bolo-/lepkisi-/silintere.**
- Puku e bopegile bjalo **ka bolo-/lepkisi-/silintere.**

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

Dipalophati tše dingwe gape

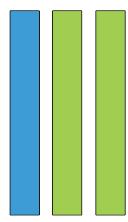
Efa maina a dipalophati.

Ngawa palophati tše diswantšo tsha mo tlase.



a. Ké palophati efe yeo e lego yé khubedu?

b. Ké palophati efe yeo e lego yé talamorog?



c. Ké palophati efe yeo e lego yé talalerata?

d. Ké palophati efe yeo e lego yé serlane?



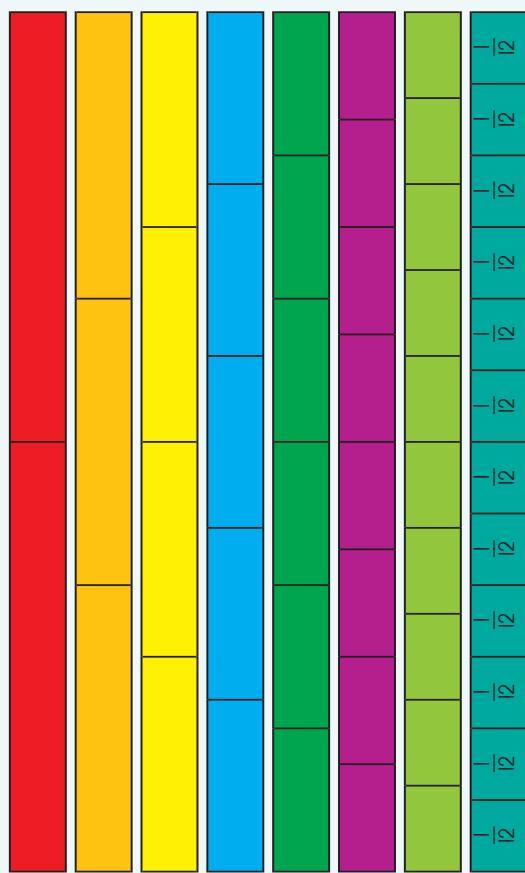
Araba dipotšišo.

a. Tumiso o na le ditsekana tše nne tsha tshokolete. O fa mogwera wa gagwe setsekana se tee.
O šaletšwe ke palophati yé kaakang ya ditshokolete?

b. Yasmin o na le ditramune tše pedi. E tee o ar ogana le Ann.
O šaletšwe ke palophati yé kaakang?

c. Booti o reka dipalophathi tše 5 tsha tshokolete. O ipela e tee, a fa Mohamed le kgaešedi ya gagwe tše 2 mongwe le mongwe. Booti o peetše palophati yé kaakang?

Go arola leboto ka dipalophati.

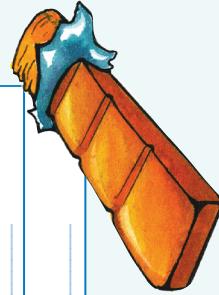


Mothalo wo mongwe le wo mongwe o arotswe ka dikarolo tše go lekana. Mothalo wa ka tlase o arotswe ka ditee-somepeding ($\frac{1}{12}$). Phara setlankana metħalorng yé mengwe ka palophati yá maleba. Šomisħa rula ya gago għo moruathwi go bona għor ke dipalophati dife tše di lekana go, għomm, għor o tħażżeġ, arħba dipotšiš tše.

Ka go šomisħa leboto le le arogantšwego ka dipalophati. Hwetħa mekqwa yé e fapanego ya go dira:

- Seri pagare se tee $\frac{1}{2}$
- Palħolado e tee ()
- dikotara tše tharo $\frac{3}{4}$

Lekla!
Bepreċsal
Lokħi!



126

Kotara ya 4

Thophole kabelano di tšwetšwa pele



Dipalelo tša ka lebelo.

Nyaka dikgokanyi.

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

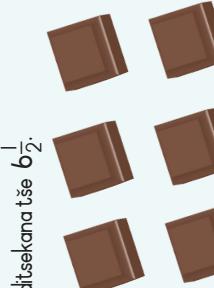


Abaganya mašaledi.

Mogoroshi le Malelo ba nyaka go abagana ditsekana tše |3 tša tshokolete. Yo mongwe le yo mongwe o hwetša ditsekana tše kae?



Bakalagona fela go abagana dlikwere tše |2 tše di felitšego. Mongwe le mongwe o hwetša tše tshela. Setsekana se se šetšego ba se arola diripat tše pedi tša go lekana. Ka fao, yo mongwe le yo mongwe o ba le ditsekana tše $b\frac{1}{2}$.



- a. Molelong, mesetwa ye 25 ya swikiri e abaganya wa magare ga banaba |0.
Abaganya ka mo go swanetségo! Thala diswantšho gore di go thusé.



Yo mongwe le yo mongwe o hwetša mesetwa ye _____.

- b. Abaganya mesetwa ye 37 magare ga banaba |4.

Yo mongwe le yo mongwe o hwetša mesetwa ye _____.

- c. Abaganya mesetwa ye 48 magare ga banaba |5.

Yo mongwe le yo mongwe o hwetša mesetwa ye _____.

- d. Abaganya mesetwa ye 73 magare ga banaba |0.

Yo mongwe le yo mongwe o hwetša mesetwa ye _____.



Lešdiškgwedzi:

.....

128b

Kotara ja 4

Papading.

Ka nako ya go khutsa moroloko o nwa $\frac{1}{4}$ ya litara ya tšuse

a. Na ke baraloki ba baka ba abelangao?

litara _____ 4 dlitara _____ $2\frac{1}{2}$ dlitara _____

b. Na ba nyaka tšuse ye kaakang go fa?

Baraloki ba 8 _____ Baraloki ba 9 _____ Baraloki ba 12 _____

Lekanyetša o tšhele

Lezatsikgedi:

Mo gojeké e tee (), Tumišo o šomiša kotara e tee ($\frac{1}{4}$) ya komiki ya tšuse le dikomiki tše pedi (2) tša meetse.

Hwetsa gore Tumišo o šomiša tšuse ye kae le meetse a makae go dira dijeké tše hlano (5) tša tšuse.

Lebenkele la Tšuse la Tumišo.

Mo gojeké e tee (), Tumišo o šomiša kotara e tee ($\frac{1}{4}$) ya komiki ya tšuse le dikomiki tše pedi (2) tša meetse.

Dijeké	1	2	3	4	5
Dikomiki tše tšuse	Kotara e tee ($\frac{1}{4}$)				
Dikomiki tše meetse	2				

Dilitara le dimilitara (ml).

$$\begin{aligned} 1 \text{ litara} &= 1000 \text{ ml} & \frac{1}{2} \text{ sa litara} &= \text{ ml} & \frac{1}{4} \text{ ya litara} &= \text{ ml} \\ 125 \text{ ml} &= \text{ ya litara} & 50 \text{ ml} &= \text{ ya dilitara} & & \end{aligned}$$



Dira seripagare sa litara.
Swaya (✓) bokaoal bjia a 3 ao a dirago seripagare sa litara

120 ml	140 ml	160 ml	28 ml	240 ml	240 ml

Maswi a go loketše!

Abang dilitara tše 4 tsha maswi magare go:

- a. Bana ba 8 O tee o hwetsa dilitara tše
- b. Bana ba 16 O tee o hwetsa dilitara tše
- c. Bana ba 12 O tee o hwetsa dilitara tše



500 ml	250 ml	200 ml	250 ml	500 ml

500 ml	250 ml	200 ml	250 ml	500 ml

Na go mohuta wo mongwe le wo mongwe wa setshelo ke ditshelo tše kae, tše o di nyakago go dira litara?

- a. $\frac{1}{100} \text{ ml}$ $\times 100 \text{ ml}$ c. $\frac{1}{200} \text{ ml}$ $\times 200 \text{ ml}$
- e. $\frac{1}{500} \text{ ml}$ f. $\frac{1}{50} \text{ ml}$ $\times 50 \text{ ml}$

**Ka morago ga moetlwana.**

Moletlwana wa Thandi o fedile. Go na dino tše di setsegoo.

Gio šetše tšuse ye kaakang? _____

Gio šetše tšuse ye phepholo ye kaakang? _____

Thandi o tswaka ditshuse tše pedi.

A katlatša dijeké tše kae? _____

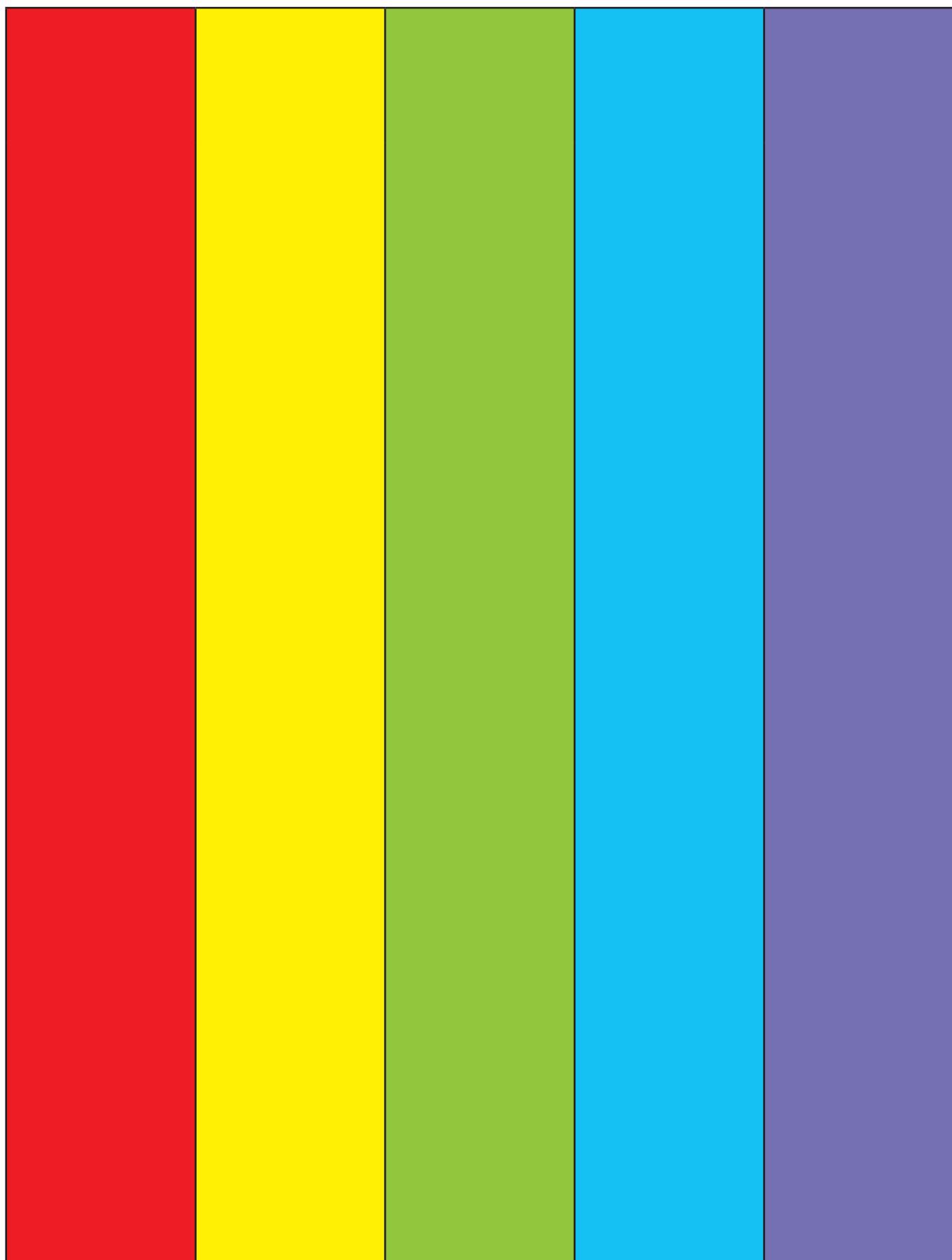


Lekola!

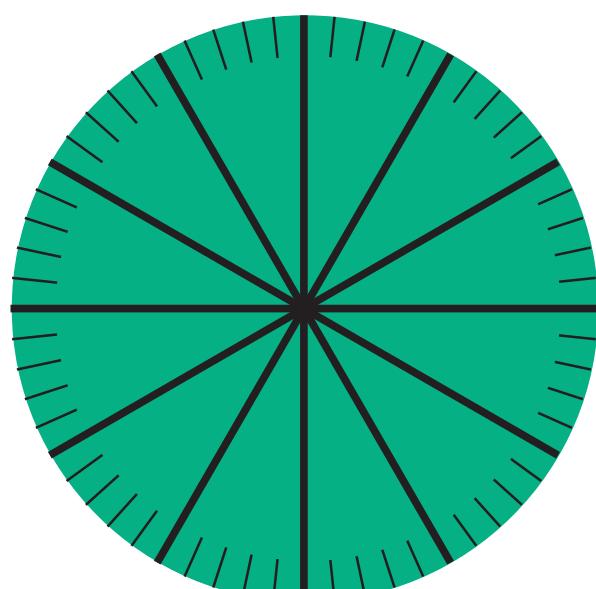
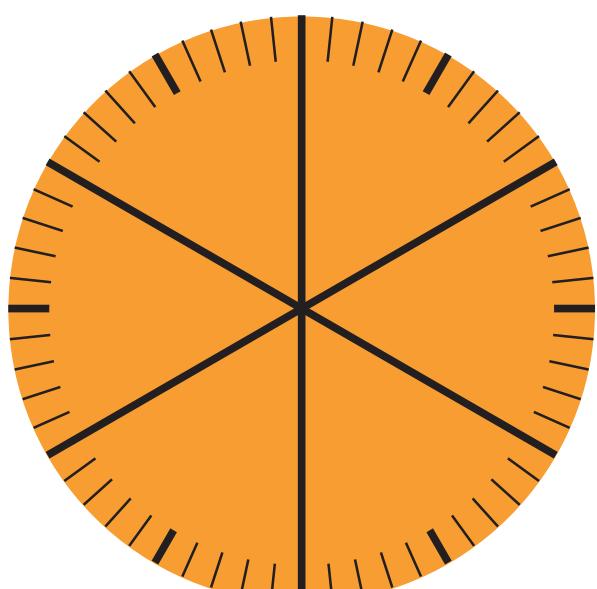
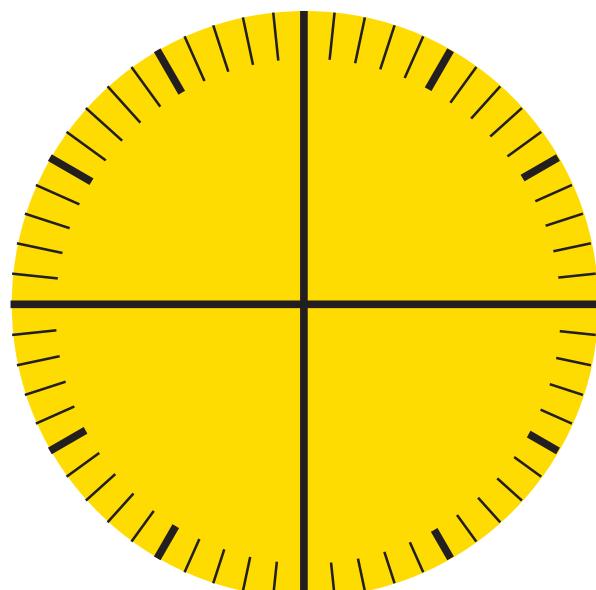
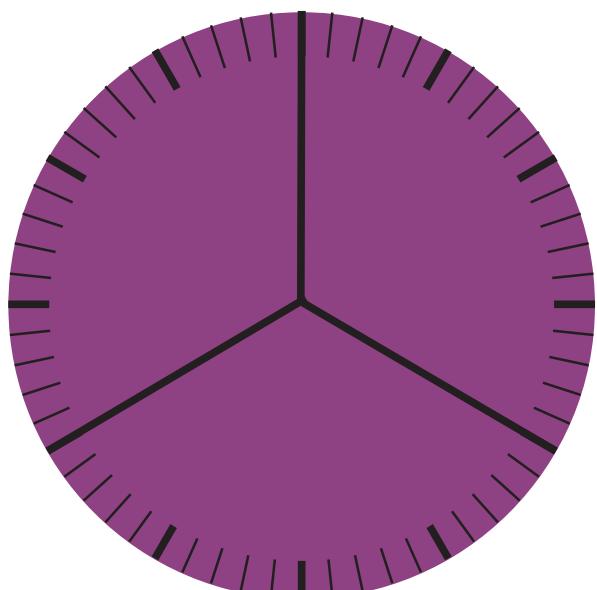
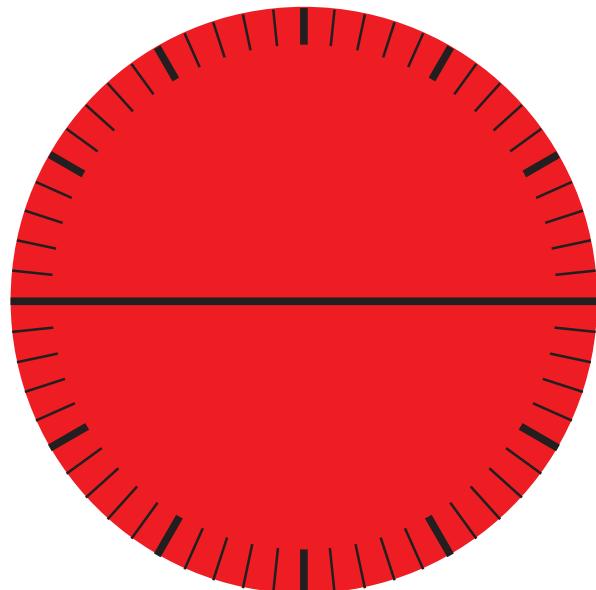
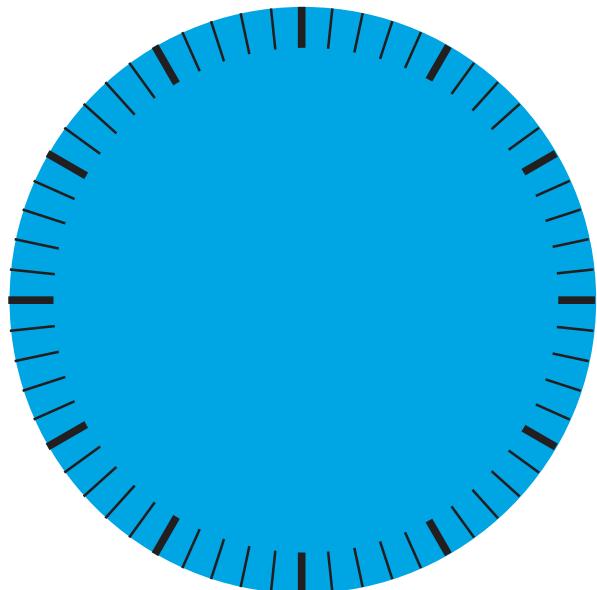
Bapeššal
Loššal.

11 12 13 14 15 16 17 18 19 20

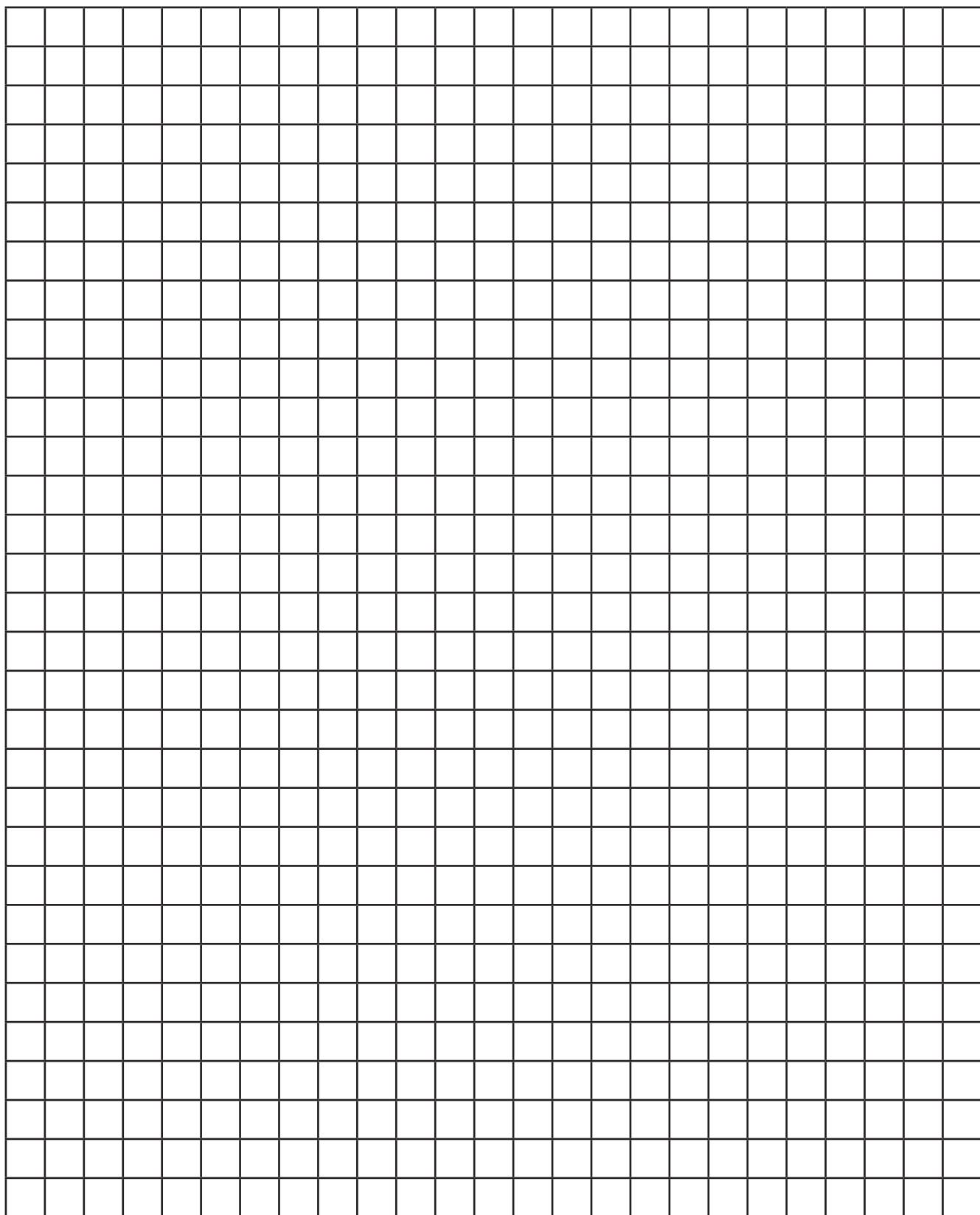
Sesegwa sa 5



Sesegwa sa 6



Sesegwa sa 7

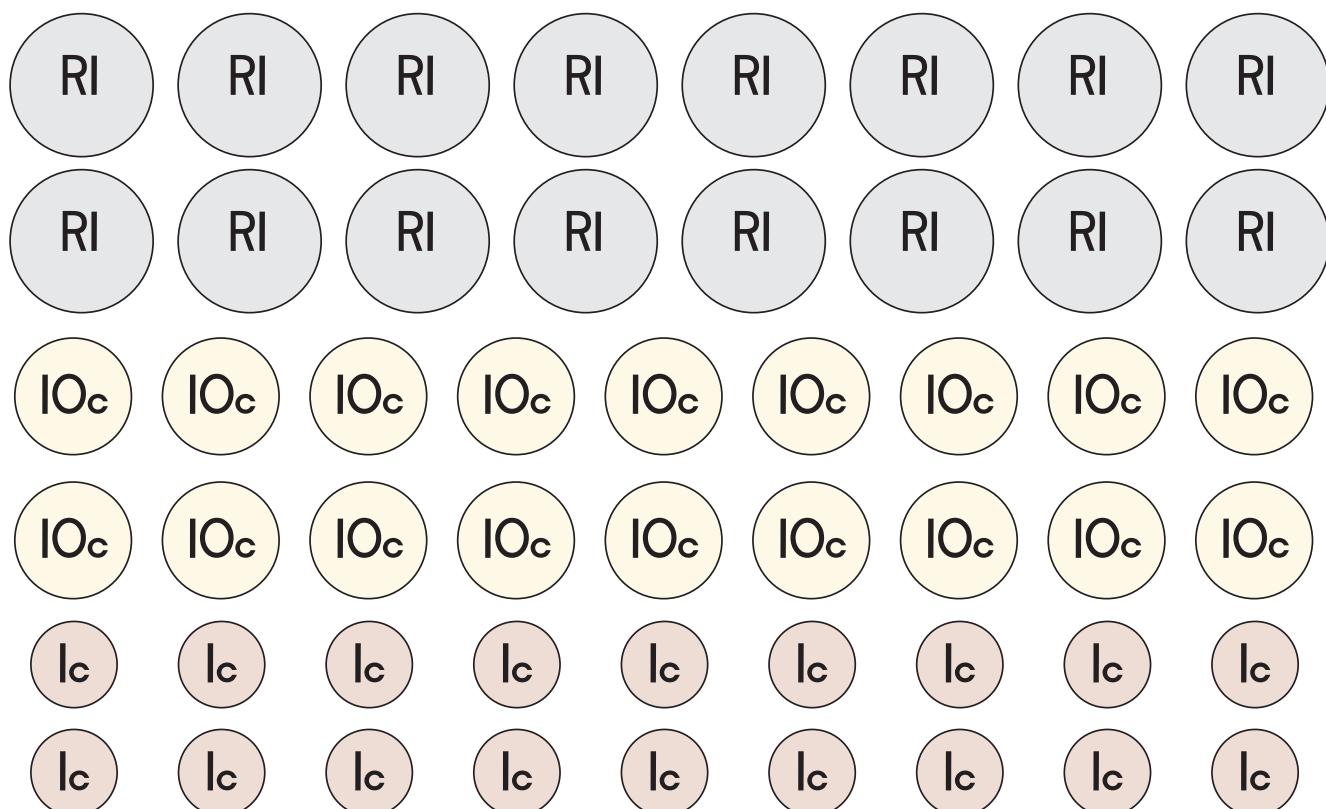


Sesegwa sa 8

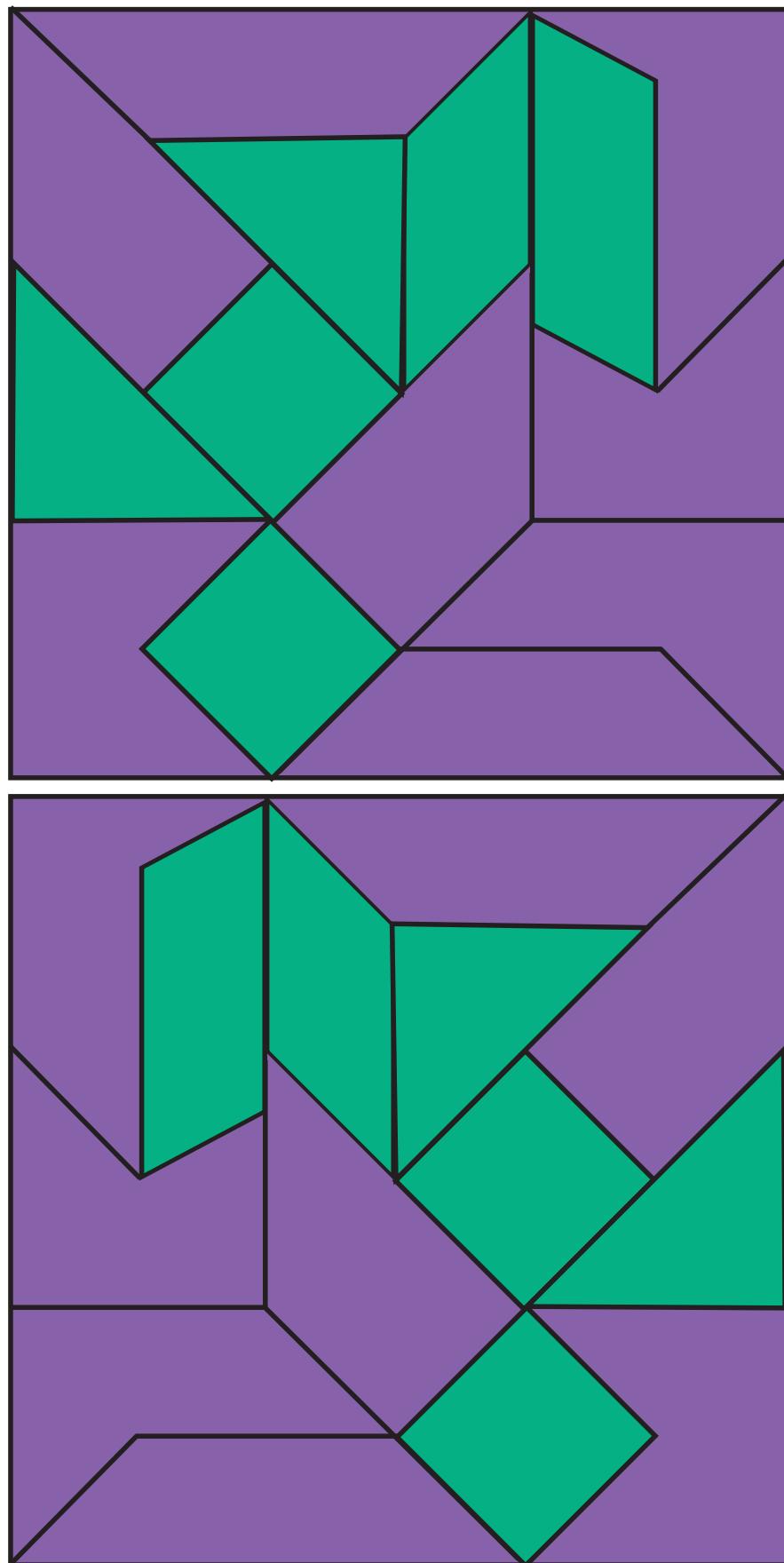
I _c	
IO _c	
R s	
RIO _s	
RIOOs	

Sesegwa sa q

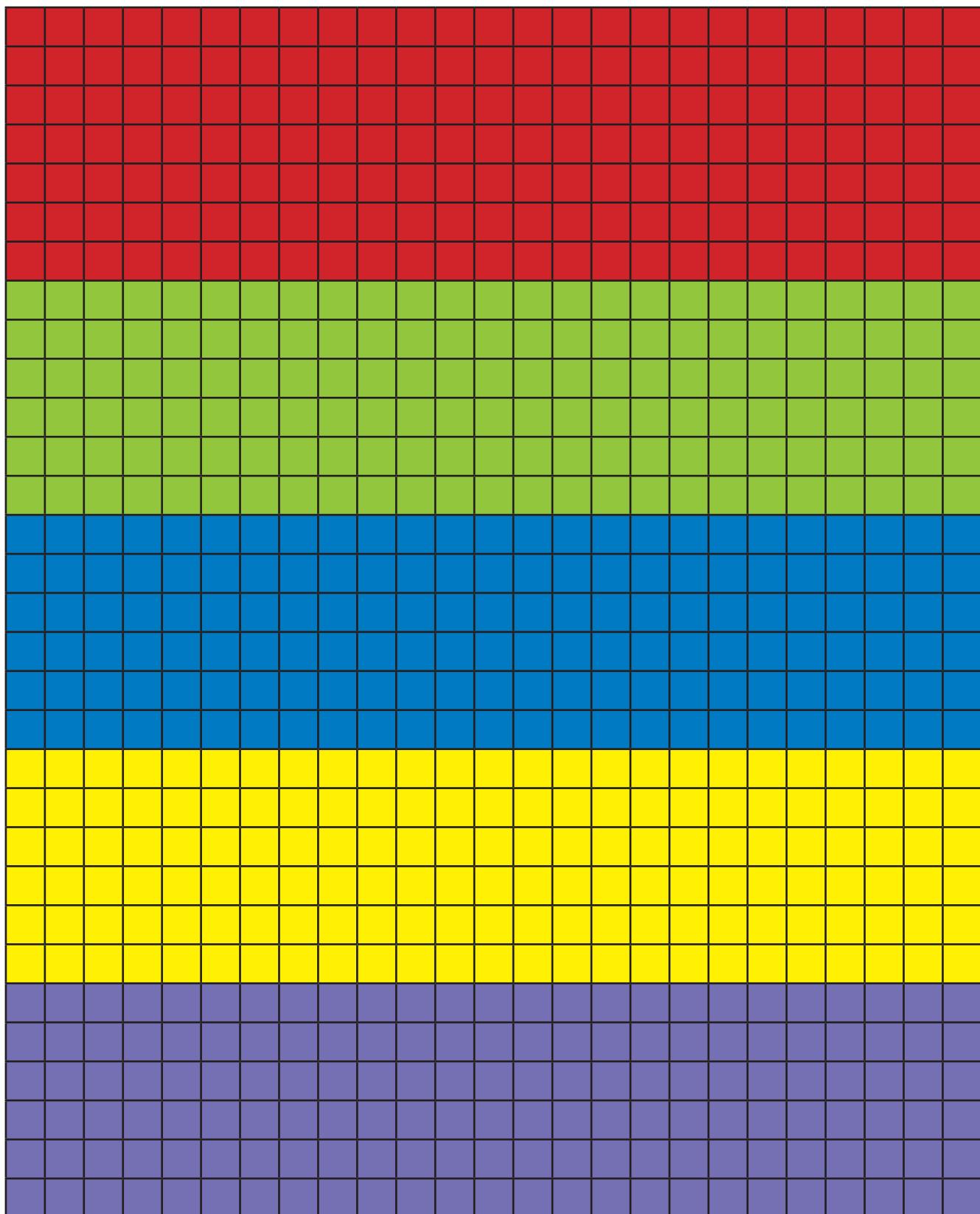
RIOO	RIOO	RIOO	RIOO
RIOO	RIOO	RIOO	RIOO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO



Sesegwa sa 10



Cut-out II



Cut-out I2

