

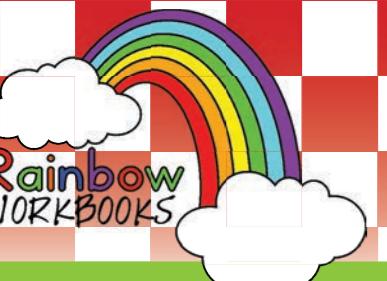


Mofumahadi Angie Motshetso,
letona la Lafapha la Thuto
ya Motheo



Mong. Enver Surty,
Motlatso wa Letona
la Thuto ya Motheo

ISBN 978-1-4315-0153-3



**MATHEMATICS IN SESOTHO
GRADE 3 – BOOK 2
TERMS 3 & 4**

ISBN 978-1-4315-0153-3

**THIS BOOK MAY
NOT BE SOLD.**

Dibuka tsena tsa tshebetso di etseditswe bana ba Afrika Borwa tlasa boetapele ba Letona la Thuto ya Motheo. Mof. Angie Motshetso, mmoho le Motlatso Letona la Thuto ya Motheo. Mong. Enver Surty.

Dibuka tsa tshebetso tsa Rainbow di bopa karolo ya Lefapha la Thuto ya Motheo, ya thuso e reretsweng ho netefatsa tshebetso ya baithuti ba Afrika borwa dikereiting tse qalang tse tsheletseng. Jwale ka enngwe ya dintlha tsa bohlakwa tsa Moralo wa Tshebetso ya Mmuso, projek e na etsahetse ka tshehetso ya letlole la Polokelo la Setjhaba. Sena se entse hore Lefapha le etse dibuka tsena tsa tshebetso ka dipuo tsohle tsa semmuso, ntle le tefello ya letho.

Re tshepa hore, matitjhere a tla fumana dibuka tsa tshebetso di le bohlakwa mosebetsing wa bona wa letsatsi le letsatsi, le ho etsa bonnete ba hore baithuti ba bona ba etsa kharikhulamo yohle. Re nkile boikarabelo ba ho tataisa titjhere mosebetsing ka enngwe le enngwe ya mesebetsi, ka ho kenyelletsa motshwao a bontshang hore na seo barutwana ba tshwanelang ho se etsa ke sefe.

Re a kgolwa hore bana ba tla natefelwa ke ho sebetsa ka buka ena ha ba ntse ba hola le ho ithuta, le hore wena titjhere, o tla natefelwa mmoho le bana.

Re le lakalletsa katleho ho sebediseng dibuka tsena tsa tshebetso.



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MMETSE KA SESOTHO – Kereiti ya 3 Buka ya 2

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Tlelase:



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA



Buka ya 2
Kotara ya
3 & 4

MMETSE KA SESOTHO

Lenaneo

Nomoro	Sehlooho sa leqephetshebetso	Leqephetshebetso
65	Dipalo ho tloha ho 500 ho fihla ho 600	2
66	Dipalo tse ding hape ho tloha ho 500 ho ya ho 600	4
67	Dipalo ho tloha ho 600 ho fihla ho 700	6
68	Mosebetsi wa Mmapa	8
69	Dipalo ho tloha ho 600 ho ya ho 700	10
70	Dipalo 700 ho ya ho 750	12
71	Dipalo tse ding hape 700 ho ya ho 750	14
72	Dintho tsa dibopeho tse tsa 2-D	16
73	Ho Kopanya le ho atisa ho fihla ho 800	18
74	Ho Kopanya le ho tlosa ho fihla ho 800	20
75	Ho Kopanya le ho tlosa ho fihla ho 800	22
76	Dipaterone tsa dipalo: mashome ho fihla ho 800	24
77	Ho atametsa palo ho leshome	26
78	Ho Atisa: ka bohlano ho fihla ho 75	28
79	Dipaterone tsa dipalo: ka bohlano ho fihla ho 800	30
80	Nako ya motsheare le nako ya bosiu	32
81	Ho atisa: ka bobedi ho fihla ho 75	34
82	Dipaterone tsa dipalo: ka bobedi ho fihla ho 800	36
83	Ho Atisa: ka 2 le ka 5 ho fihla ho 75	38
84	Ho Atisa: ka tharo ho fihla ho 75	40
85	Ho Atisa: ka 2, 3, le 4 ho fihla ho 75	42
86	Dipaterone tsa dipalo: ka boraro ho fihla ho 800	44
87	Ho Atisa: ka bone ho fihla ho 75	46
88	Dipaterone tsa dinomore: bonne ho fihla ho 800	48
89	Ho Atisa le ho Arola ka: 2, 3, 4 le 5 ho fihla ho 75	50
90	Dibopeho tsa dintho tsa 3-D	52
91	Lebokosana la maqetshwana a dikarolwana	54
92	Dikarolwana hape	56
93	Ho arolelana dikarolwana	58
94	Sebaka ho potoloha ntho	60
95a	Tjhelete ya kgwebo	62
95b	Ha re ye ho ya reka!	64
96	Ditaba tse ding	66
97	Ho sebetsa ka disentimithara	68
98	Dipalo ho tloha ho 700 ho fihla ho 800	70
99	Dipalo ho tloha ho 700 ho ya ho 800	72
100	Dipalo ho tloha ho 800 ho ya ho 900	74
101	Dipalo ho tloha ho 800 ho ya ho 900	76
102a	Ho metha dintho	78
102b	Ha re metha tse ding hape	80



Nomoro	Sehlooho sa leqephetshebetso	Leqephetshebetso
I03	Dipalo ho tloha ho 900 ho fihla ho 1 000	82
I04	Dipalo 900 ho fihla ho 1 000	84
I05	Ho kopanya le ho tlosa ho fihla ho 999	86
I06	Mabapi le ka lapeng	88
I07	Ho sebetsa ka tjhelete	90
I08	Haholo ka ho kopanya le ho tlosa ho fihla ho 999	92
I09	Ho Kopanya le ho tlosa hape ho fihla ho 999	94
I10	Diphazele tsa ho metha	96
III	Dipaterone tsa dipalo: mashome ho fihla ho 900	98
II2	Tlatsetsa palong e atametseng 10	100
II3	Ho Atisa le ho Arola: ka bohlano ho fihla ho 100	102
II4	Dipaterone tsa dipalo: ka bohlano ho fihla ho 1 000	104
II5	Tseba haholwanyane ka simeteri	106
II6	Dipaterone tsa dipalo: ka bobedi ho fihla ho 900	108
II7	Ho atisa le ho arola: ka bobedi ho fihla ho 100	110
II8	Ho atisa le ho arola: ka borarao ho fihla ho 100	112
II9	Dipaterone tsa dipalo: ka boraro ho fihla ho 1 000	114
I20	Ho atisa le ho arola: ka bone ho fihla ho 100	116
I21	Dipaterone tsa dipalo: ka bone ho fihla ho 1 000	118
I22	E lekana le dikarolo tsa yohle	120
I23	Mathata a dikarolwana	122
I24	Dintho tsa dibopeho tse tharo 3-D	124
I25	Dikarolwana hape	126
I26	Ho hlophisa le ho arolelana hape	128
I27	Dikarolwana tsa Tenekeramo	130
I28a	Ho metha bongata	132
I28b	Tshela o methe	134
	Tse sehwang 5	
	Tse sehwang 6	
	Tse sehwang 7	
	Tse sehwang 8	
	Tse sehwang 9	
	Tse sehwang 10	

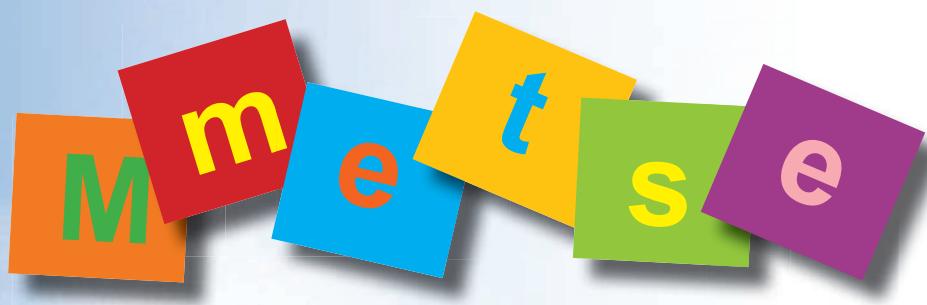
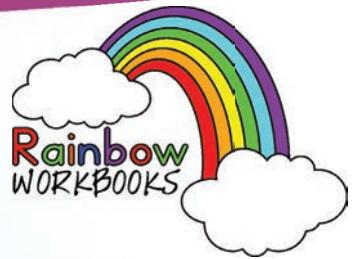


X Tafole ya ho atisa

		3	4	5	6	7	8	9	10
1	2	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

$$2 \times 2 = 4$$

Kereiti
ya **3**



KA SESOTHO

Buka ena ke ya:



SESOTHO

Buka
ya

2

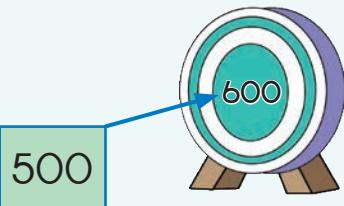
Dipalo ho tloha ho 500 ho fihla ho 600

Kotara 3



Bala mme o ngole.

- a. Sebedisa ditjhate tse latelang ho bala ho tloha ho 500 ho fihla ho 600. Bitsetsa dipalo hodimo ha o ntse o tswela pele ho bala.



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

b. Ngola dipalo tse siilweng papet leng e ka hodimo.

c. Ngola dipalo tse 10 tse hlahang ka mora 500.

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

d. Ngola dipalo tse 8 tse tla latela dipateroneng tsa 2.

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

e. Ngola dipalo tsohle tse dipateroneng tsa 2 ho tloha ho 548 ho fihla ho 570.

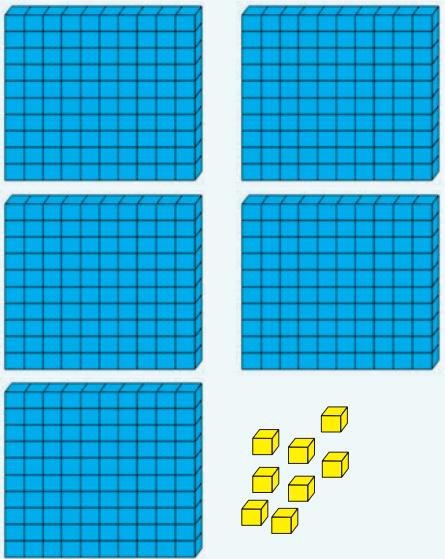
548; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 570 _____

f. Ngola dipalo tse 8 tse latelang dipateroneng tsa 5.

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



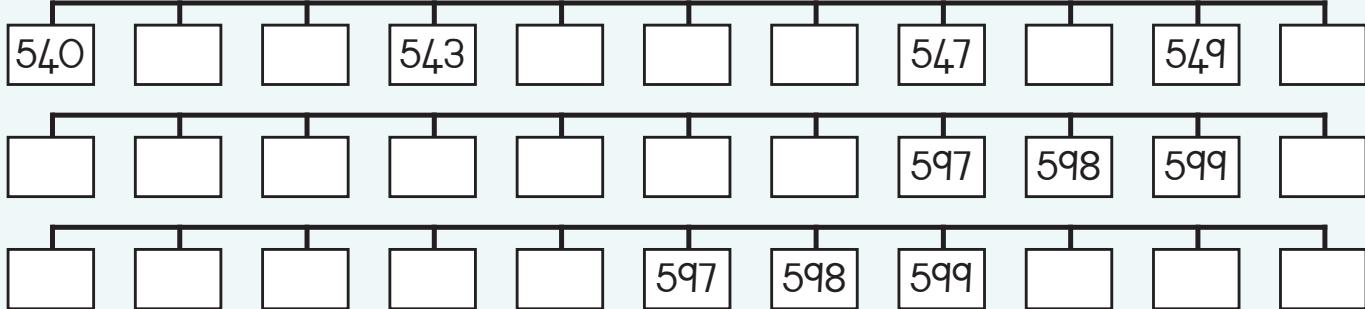
O badile diboloko tse kae?



O badile diboloko jwang?



Qetela melapalo.



Qetela
papelala.

Ngola ho tloha ho tse
nnyane ho ya ho tse kgolo

Ngola ho tloha ho tse kgolo
ho ya ho tse nnyane

582, 586, 584, 581, 585

566, 506, 560, 516, 506



Ngola dipalo tsena ka mantswe.

520

Teacher:

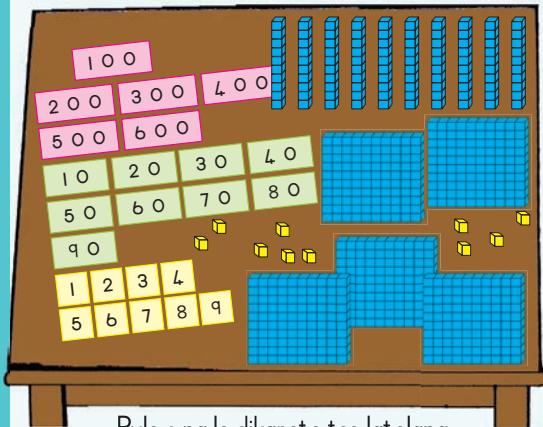
Sign:

Date:

bb

Dipalo tse ding hape ho tloha ho 500 ho ya ho 600

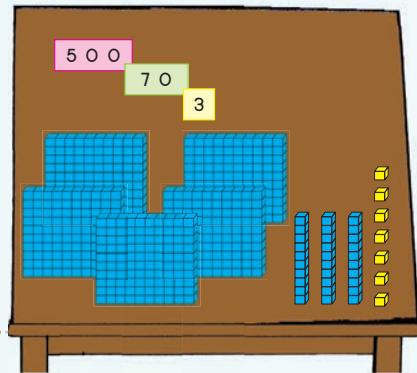
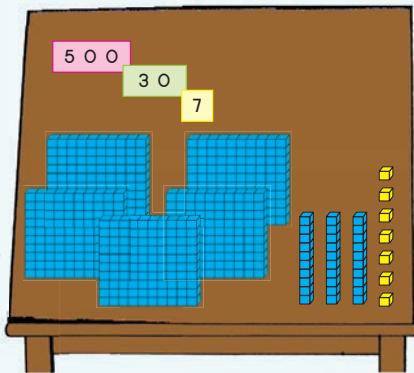
Kotara 3



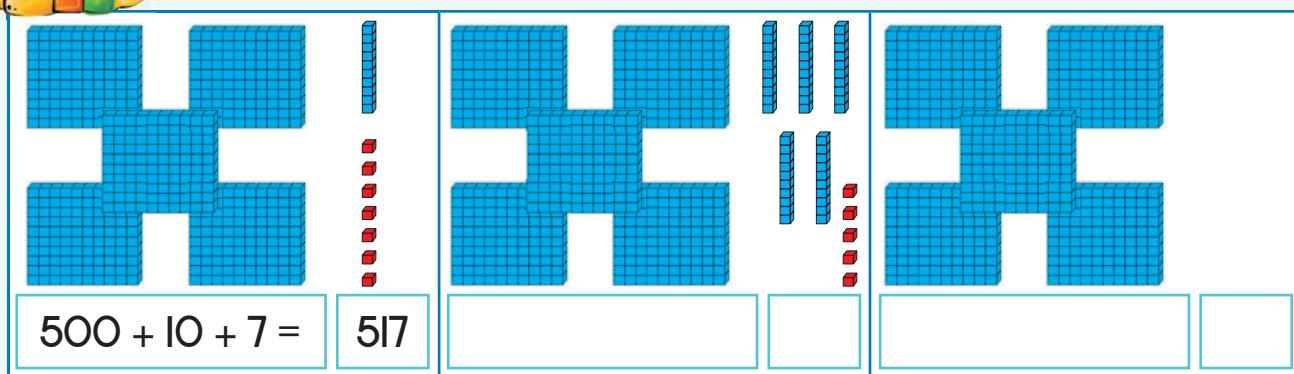
Pule o na le dikarete tse latelang
tsa boleng ba sebaka le diboloko
tse leshome.

Titjhere o laela Pule ho bontsha
537 ka dikarete tsa hae le
diboloko.

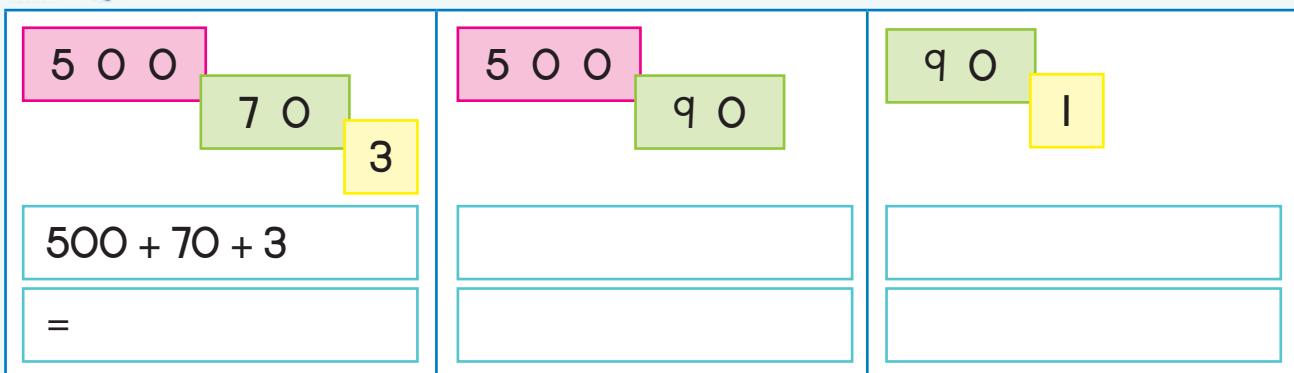
Sena ke seo Aakar a se
bontshitseng.
O entse phoso efe?



Ngola palo ya polelo mme o ngole le karabo.



Ngola palo ya polelo mme o ngole le karabo.





Qetela molapalo.

550	551	552	<input type="text"/>	560						
-----	-----	-----	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	-----

Ngola dipalo kaofela tse nnyane ho 556. _____

Ngola dipalo kaofela tse kgolo ho 556. _____



Qhaqholla palo ya hao.

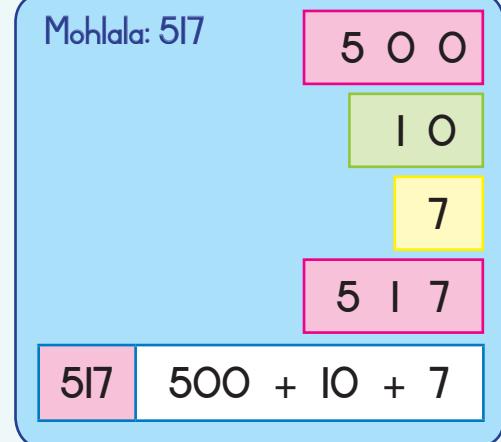
- a. Bopa palo e nngwe le e nngwe ka dikarete tsa hao.
- b. Ngola boleng ba karolo e nngwe le e nngwe.

Ho na le didjiti tse leshome.

0 1 2 3 4 5 6 7 8 9
Re di beha mmoho ho bopa dipalo.

495	<input type="text"/>
508	<input type="text"/>
594	<input type="text"/>
549	<input type="text"/>
602	<input type="text"/>

Mohlala: 517



Ngola mabitso a dipalo.

221	<input type="text"/>
486	<input type="text"/>
369	<input type="text"/>
419	<input type="text"/>
491	<input type="text"/>



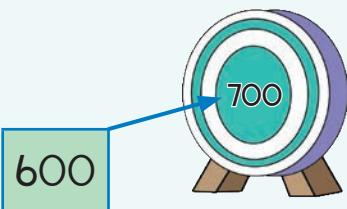


Dipalo ho tloha ho 600 ho fihla ho 700



Bala mme o ngole.

- a. Sebedisa ditjhate tse latelang ho bala ho tloha ho 600 ho fihla ho 700. Bitsesa dipalo hodimo ha o ntse o tswela pele ho bala.



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

b. Ngola dipalo tse siilweng papet leng e ka hodimo.

c. Ngola dipalo tse 10 tse hlahang ka mora 600.

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

d. Ngola dipalo tse 8 tse tla latela dipateroneng tsa 2.

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

e. Ngola dipalo tsohle tse dipateroneng tsa 2 ho tloha ho 611 ho fihla ho 633.

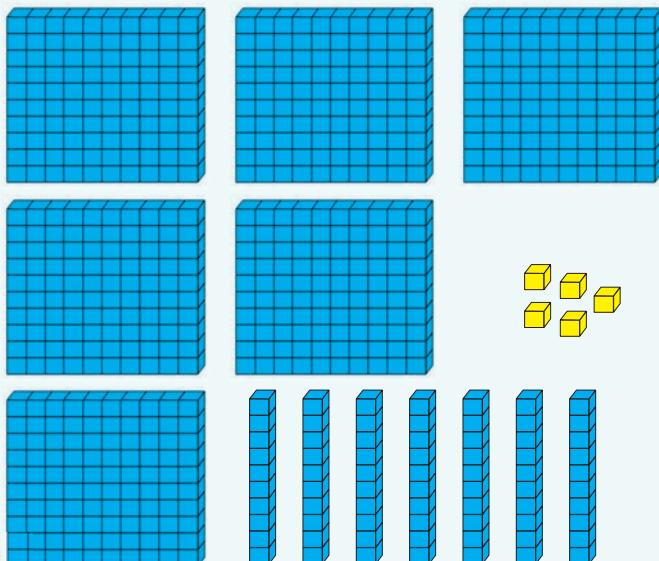
611; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 633 _____

f. Ngola dipalo tse 8 tse latelang dipateroneng tsa 5.

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



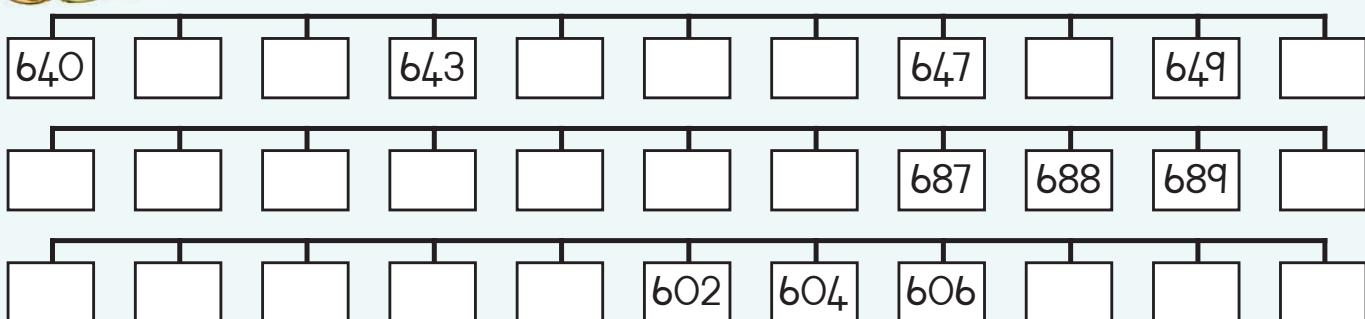
O badile diboloko tse kae?



O badile diboloko jwang?



Qetela melapalo.



Qetela
papelala.

Ngola ho tloha ho tse
nnyane ho ya ho tse kgolo

Ngola ho tloha ho tse kgolo
ho ya ho tse nnyane

672, 676, 674, 671, 675

656, 605, 650, 615, 605



Ngola dipalo tsena ka mantswe.

631

Teacher:

Sign:

Date:

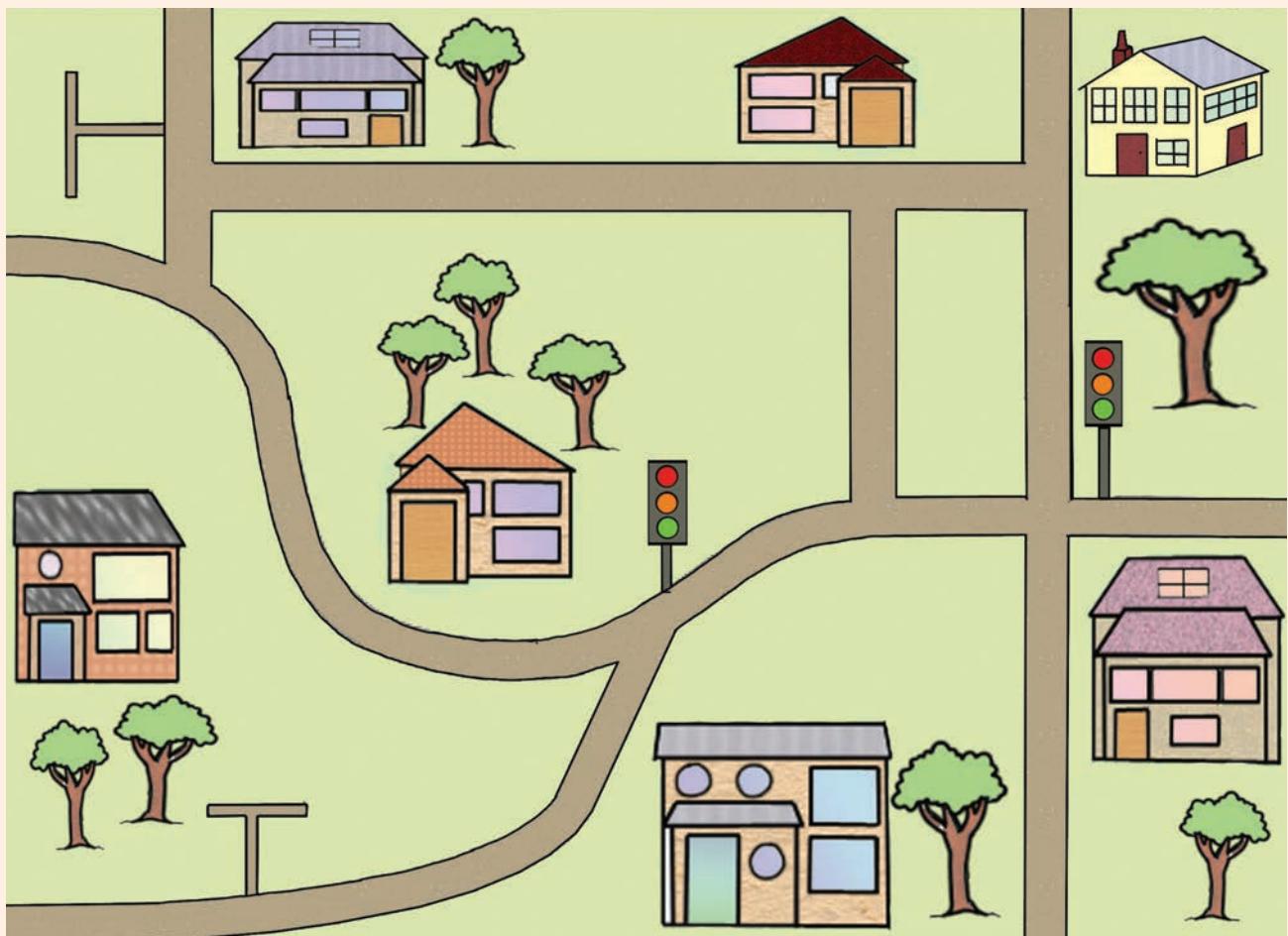
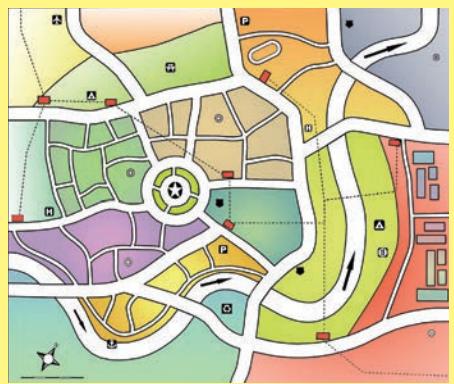


Letsatsi:

Mosebetsi wa Mmapa

Sheba setshwantsho.

- Ke eng?
- E sebedisetswa ho etsa eng?
- Ke sefe seo re ka se fumanang mmapeng ona?



Thala tse latelang hodima mmapa:

Laeborari, sekolo, tlilinike, sepetlele, seteishene sa maponesa, setsi sa mabenkele.
O ka nna wa kenya le mebila e se mekao.



Sebedisa mmapa o leqepheng le
fetileng ho laela metswalle ya hao ditsela ho tloha:

a. tlélinikeng ho ya seteisheneng sa maponesa.

b. sekolong ho ya tlélinikeng.

c. sekolong ho ya setsing sa mabenkele.

d. setsing sa mabenkele ho ya laeborari.

e. laeborari ho ya sekolong.

f. sepetlele ho ya sekolong.



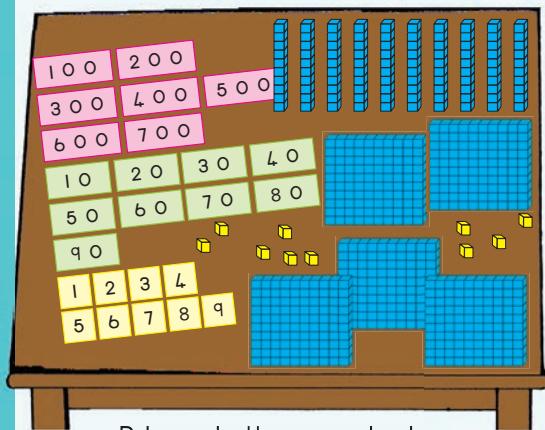
69



Letsatsi:

Kotara 3

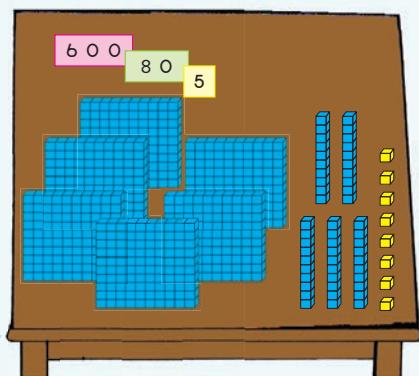
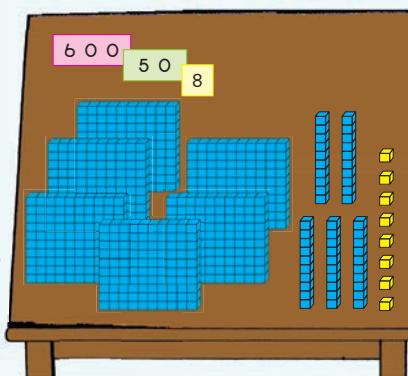
Dipalo ho tloha ho 600 ho ya ho 700



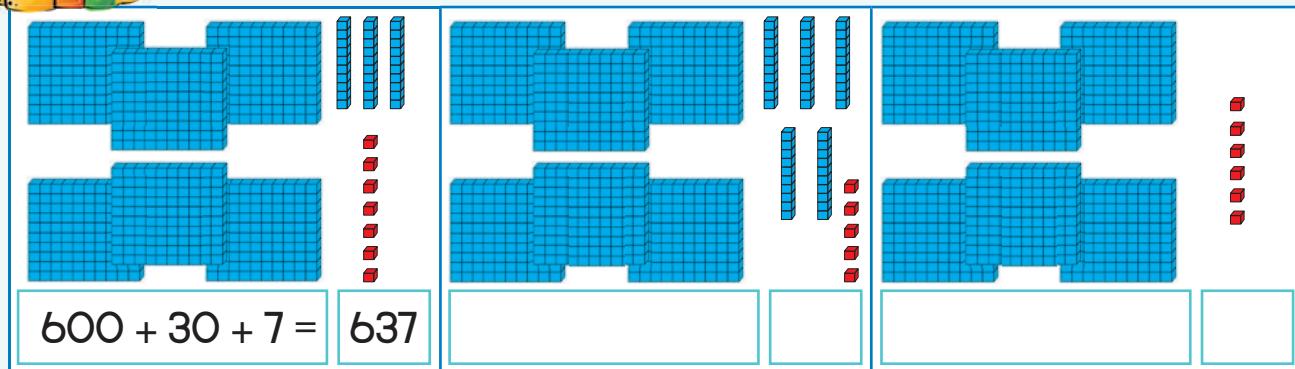
Pule o na le dikarete tse latelang
tsa boleng ba sebaka
le diboloko.

Titjhere o laela Pule ho bontsha
658 ka dikarete tsa hae le
diboloko.

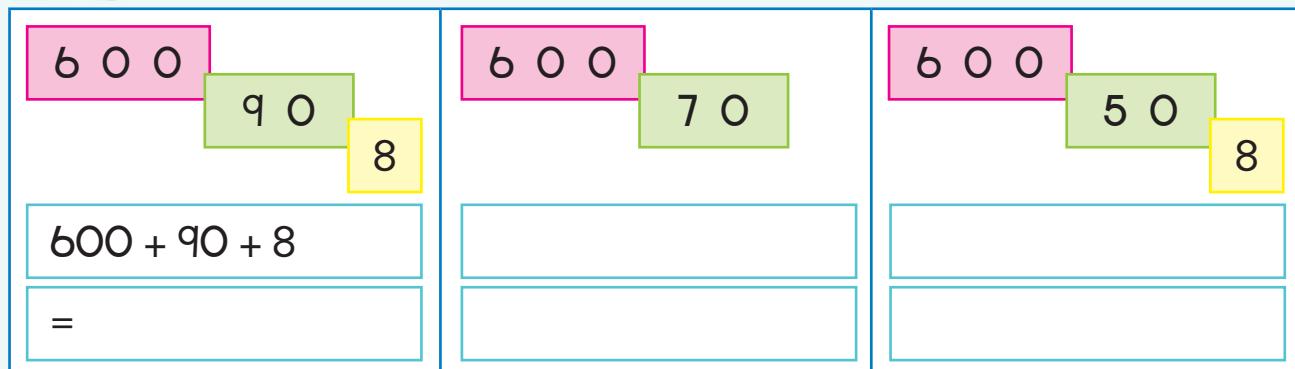
Sena ke seo Aakar a se
bontshitseng. Ke sefe se phoso
seo a se entseng?



Ngola palo ya polelo le karabo.



Ngola palo ya polelo le karabo.





Qetela molapalo.

670 671 672 680

Ngola dipalo kaofela tse nnyane ho 675. _____

Ngola dipalo kaofela tse kgolo ho 675. _____



Tlatsa <, > kapa =

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



Qhaqholla palo ya hao.

- a. Bopa palo e nngwe le e nngwe ka dikarete tsa hao.
b. Ngola boleng ba karolo e nngwe le e nngwe. Jwale etsa sena: Qhaqholla palo ya hao.

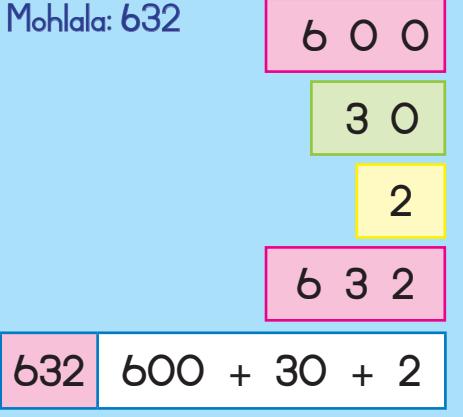
686	
690	
699	
673	
665	



Ngola mabitso a dipalo.

672	
693	
607	
697	
660	

Mohlala: 632



70

Letsatsi:

Dipalo 650 ho ya ho 750

Kotara 3



Bala o ngole.

- a. Sebedisa ditjhate tse latelang ho bala ho tloha ho 650 ho fihla ho 750. Bitsetsa dipalo hodimo ha o ntse o tswela pele ho bala.

650



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

- b. Ngola dipalo tse siilweng papetleng e ka hodimo.
c. Ngola dipalo tse 10 tse tlang ka morao ho 650.

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

- d. Ngola dipalo tse 8 tsa dipaterone tsa 2.

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

- e. Ngola dipalo kaofela tsa dipaterone tsa 3 ho tloha ho 719 ho ya ho 749.

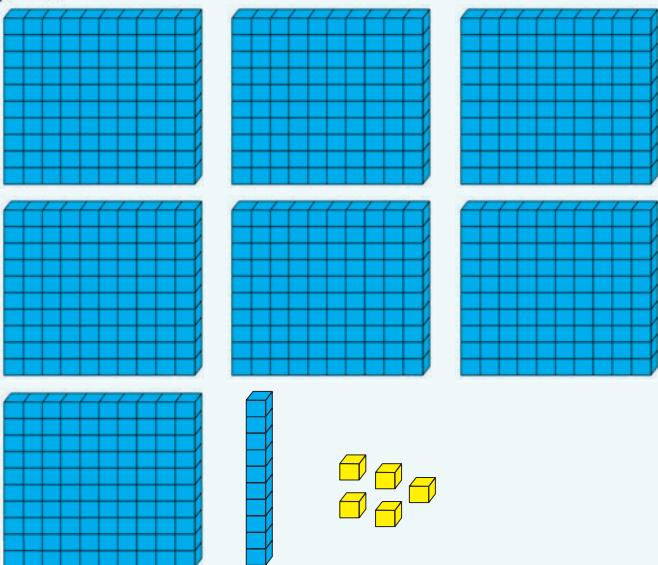
719; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 749

- f. Ngola dipalo tse 8 tsa dipaterone tsa 5.

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



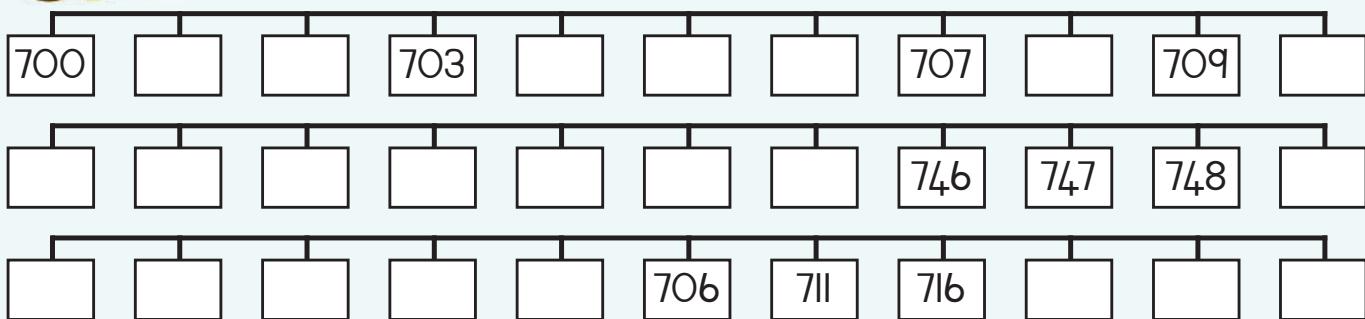
O badile diboloko tse kae?



O badile diboloko jwang?



Qetela melapalo.



Qetela
papelha.

Ngola ho tloha ho tse
nnyane ho ya ho tse kgolo

Ngola ho tloha ho tse kgolo
ho ya ho tse nnyane

729, 720, 728, 721, 725

659, 705, 607, 701, 706



Ngola tse latelang ka mantswe.

706

Teacher:

Sign:

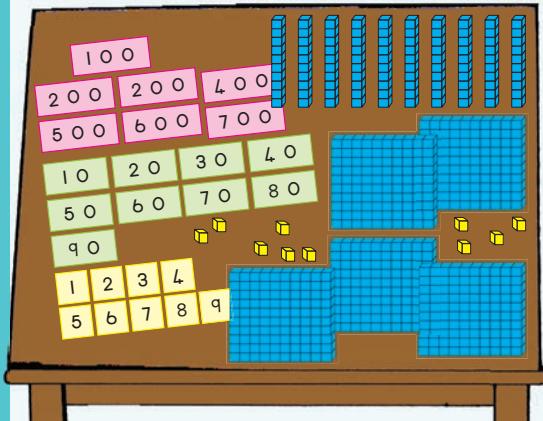
Date:

71



Dipalo tse ding hape 700 ho ya ho 750

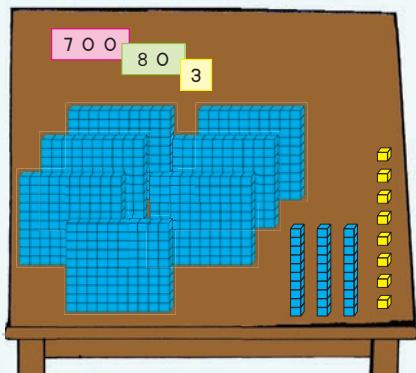
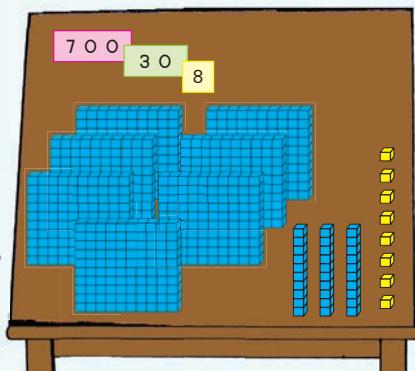
Kotara 3



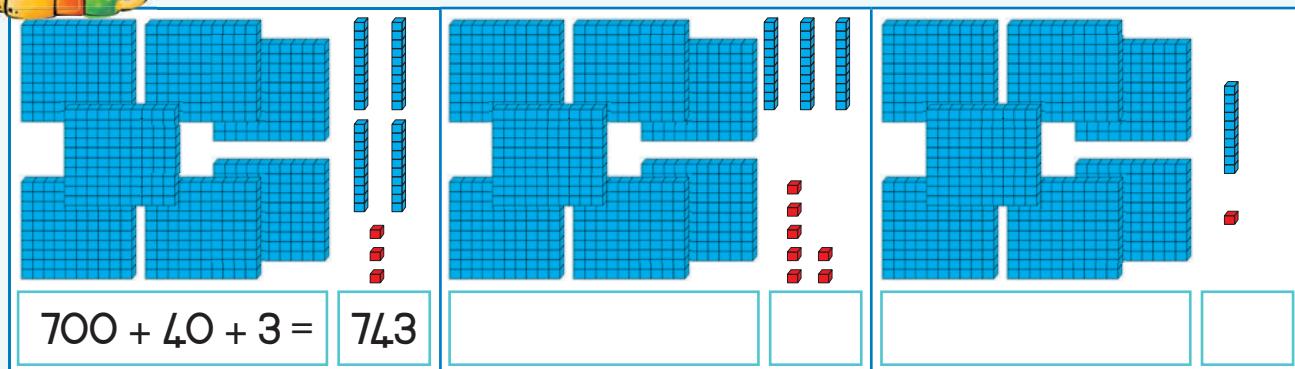
Pule o na le dikarete tse latelang
tsa boleng ba sebaka le diboloko
tse lesome.

Titjhere o laela Pule ho bontsha
dikarete tsa 738 le diboloko.

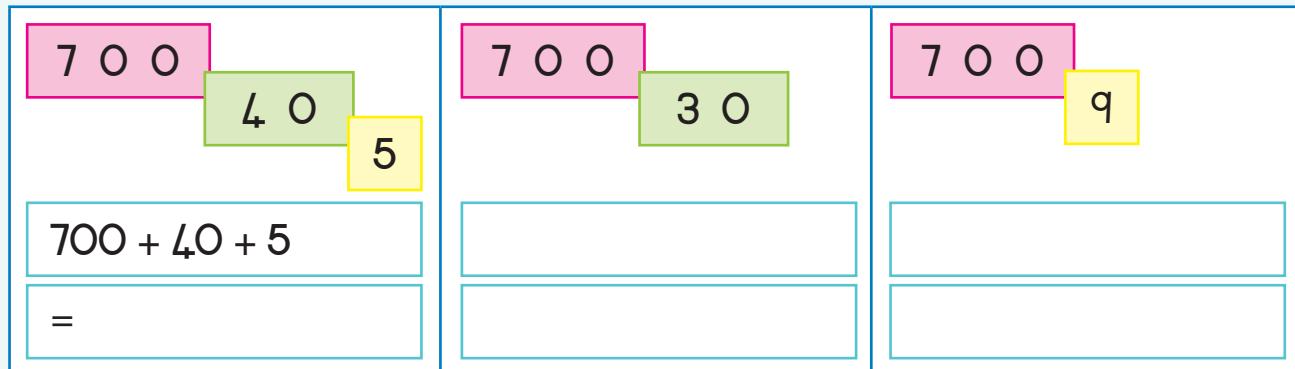
Sena ke seo Jabu a se
bontshitseng. Ke sefe se phoso
seo a se entseng?



Ngola palo ya polelo o nto ngola karabo.



Ngola palo ya polelo o nto ngola karabo.





Qetela molapalo.

699 700 701 709

Fana ka dipalo kaofela tse nnyane ho 704. _____

Fana ka dipalo kaofela tse kgolo ho 704. _____



Tlatsa <, > kapa =

a. 750 _____ 749

b. 732 _____ 723



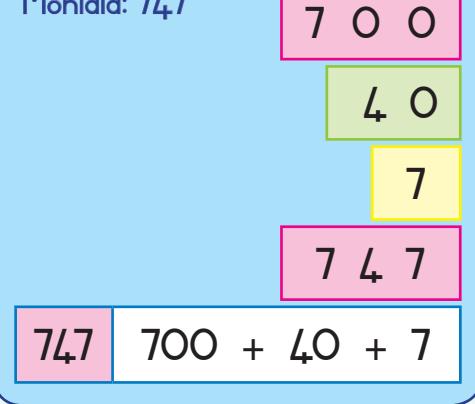
Tlatsa <, > kapa =

a. Bopa palo e nngwe le e nngwe ka dikarete tsa hao.

b. Ngola boleng ba karolo e nngwe le e nngwe. Jwale etsa tsena:

750	
728	
703	
730	
749	

Mohlala: 747



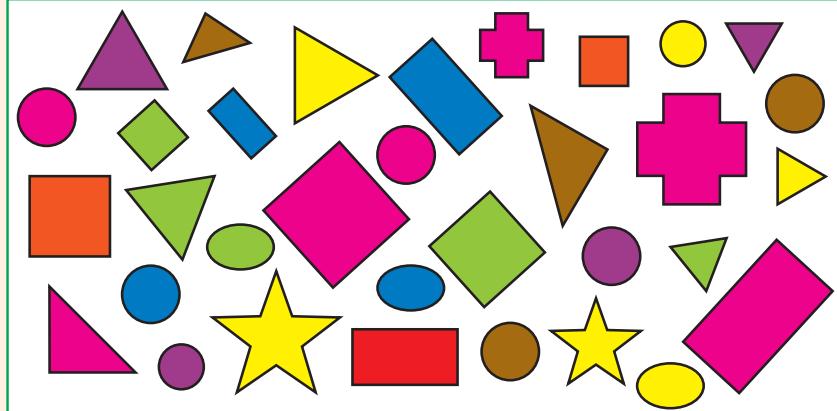
Ngola mabitso a dipalo.

714	
750	
742	
738	
704	

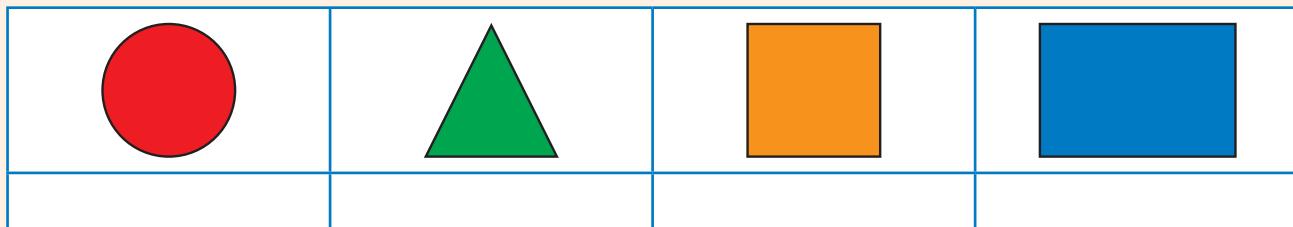




Bolela haeba
seboleho se na
le lehlakore le
otlolohileng kapa le
sedikadikwe.



Bolela haeba seboleho se na le mahlakore a
otlolohileng kapa a kobehileng.



Ke dibopeho tse kae tseo o
ka di takang ka metshetshe e
otlolohileng?



Fumana ditshwantsho

Fumana dibopeho tse nang le mahlakore
a otlolohileng mme o di manamise mona.

Fumana dibopeho tse nang le mahlakore
a sedikadikwe mme o a manamise mona.

--	--



Qetela tse latelang:

	Taka seboleho sa mahlakore e fapaneng.
kgutlotharo	
kgutlonnetsepa	
sekwere	



Qetela papetla:

	Lebitso la seboleho	Taka seboleho se sennyane	Taka seboleho se seholo



Fumana dikwere, dikgutlotharo, dikgutlonne le didikadikwe tsa boholo bo fapaneng, dimakasineng le masedinyaneng a ditaba.

Di manehe mona.



73



Kotara 3

Ho Kopanya

le ho atisa ho fihla ho 800



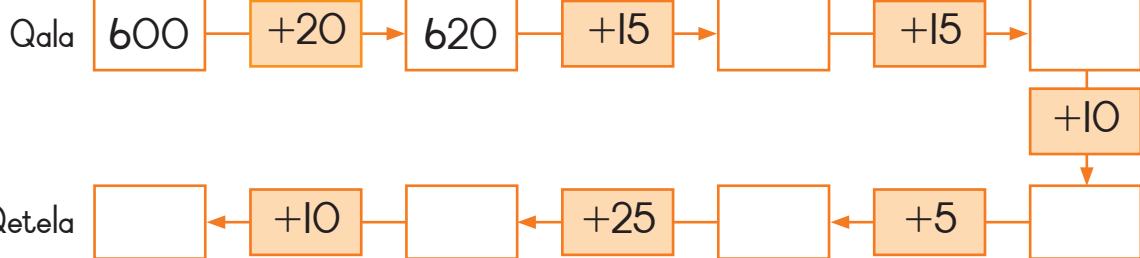
Nka rekang ka R500?

Ke efe ya dintho tsena
eo nka e rekang hantle
ka R500?



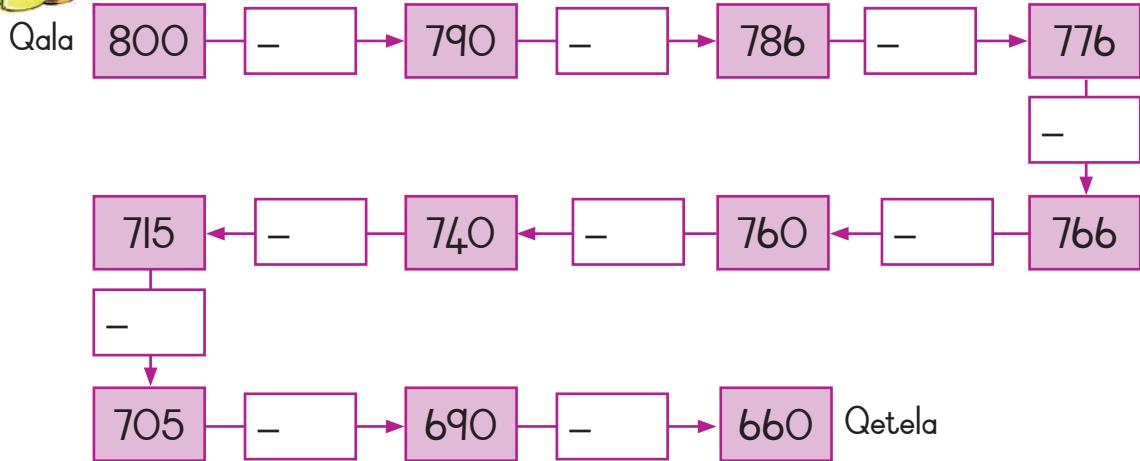
Kopanya ho fihla ho R600.

Ngola dipalo tse siilweng.



Bala o ya morao ho tloha ho 800.

Ngola "tjhentjhe" nako le nako.





Rarolla mathata a latelang:

$725 + 53 =$

$664 + 87 =$

$564 + 132 =$

$75 + 717 =$



Rarolla mathata a latelang:

James o bokeletse dimabole tse 525.

Haeba Sipho a mo file dimabole tse ding tse 205, James o tla be a na le palo e lekanang ya dimabole jwalo ka Sipho.

- Bobedi ba bona ba tla be ba na le dimabole tse kae?
- Ke dimabole tse kae tseo Sipho a lokelang ho qala ka tsona?

-
-



74



Letsatsi:

Ho Kopanya le ho tlosa ho fihla ho 800

Kotara 3

Dipalo tsa lelapa.

Re ka iketsetsa dipalo tsa malapa. Lelapa le leng le le leng le na le dipalo tse pedi tse kgolo le palo e le nngwe e nnyane.

Mohlala ke 4, 8 le 12.

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

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



Fumana malapa a dipalo tse latelang.

Ngola dipalo tse 4 tsa dipolelo bakeng sa seholpha se seng le se seng sa dipalo.

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



Sheba dikamano.

Mosebetsing ona ke tlilo kgetholla paterone.

$360 - 50 =$ <input type="text"/>	$50 +$ <input type="text"/> $= 360$	<input type="text"/> $+ 50 = 360$
$570 - 480 =$ <input type="text"/>	$480 +$ <input type="text"/> $= 570$	<input type="text"/> $+ 480 = 570$
$430 - 31 =$ <input type="text"/>	$31 +$ <input type="text"/> $= 430$	<input type="text"/> $+ 31 = 430$
$676 - 70 =$ <input type="text"/>	$70 +$ <input type="text"/> $= 676$	<input type="text"/> $+ 70 = 676$
$799 - 701 =$ <input type="text"/>	$701 +$ <input type="text"/> $= 799$	<input type="text"/> $+ 701 = 799$



Ho kganna nako e telelele.

Monghadi Mkhize o kganna ho ya etela mme wa hae ya dulang sebakeng se bohole ba dikhilomitha tse 352. O emisa ha a se a qetile dikhilomitha tse 166. O tshwanela ho boela a kganna sebaka se sekae?

Kumi o etsa sena:	Pumla o ngola sena:
$352 - 166$ $\begin{array}{ccccccc} +4 & +30 & +100 & +52 \\ \text{166} & \text{170} & \text{200} & \text{300} & \text{352} \end{array}$ $30 + 4 + 100 + 52$ $= 134 + 52 = 186 \text{ km}$	$352 - 166$ $\begin{array}{r} 300 + 50 + 2 \\ - 100 + 60 + 6 \\ \hline \end{array}$ $= 300 + 40 + 12$ $\begin{array}{r} 300 + 40 + 12 \\ - 100 + 60 + 6 \\ \hline \end{array}$ $= 200 + 140 + 12$ $\begin{array}{r} 200 + 140 + 12 \\ - 100 + 60 + 6 \\ \hline \end{array}$ $= 100 + 80 + 6$ $= 186 \text{ km}$
Mbali o etsa sena:	Pule o etsa sena:
$352 - 166$ $166 + 100 \rightarrow 266 + 34 \rightarrow 300 + 52 \rightarrow 352$ $100 + 34 + 52 = 134 + 52 = 186 \text{ km}$	$352 - 166$ $= 352 - 100 - 66$ $= 252 - 66$ $= 252 - 52 - 14$ $= 200 - 14$ $= 186 \text{ km}$
Sellwane o etsa sena:	Lebo o nahana ka ho pheta habedi le dihalofo:
$352 - 166$ $352 - 152 = 200$ $200 - 14 = 200 - 10 - 4$ $= 190 - 4$ $= 186 \text{ km}$	$\text{Halofo ya } 352 \text{ ke } 176$ $\text{Empa ke lokela ho nka feela } 166, \text{jwale ke kopanya hape le } 10.$ $176 + 10 = 186 \text{ km}$
Bua ka mekgwa e fapaneng. Ke mokgwa ofe oo o o ratang haholo? Hobaneng?	



Rarolla se latelang hodima pampiri e nngwe hape:

Sebedisa o mong wa mekgwa e ka hodimo.

$746 - 328$

$800 - 499$



Ho Kopanya le ho tlosa ho fihla ho 800

Kotara 3



Ipopele dipalo tsa hao tsa lelapa.

Mosebetsi wa boikwetliso.

8917

51217



Mohlala: Etsa 17

$$5 + 12 = 17$$

$$12 + 5 = 17$$

$$17 - 12 = 5$$

$$17 - 5 = 12$$

$$8 + 9 = 17$$

$$9 + 8 = 17$$

$$17 - 9 = 8$$

$$17 - 8 = 9$$



Lekola! Bapisa!
Lokisa!

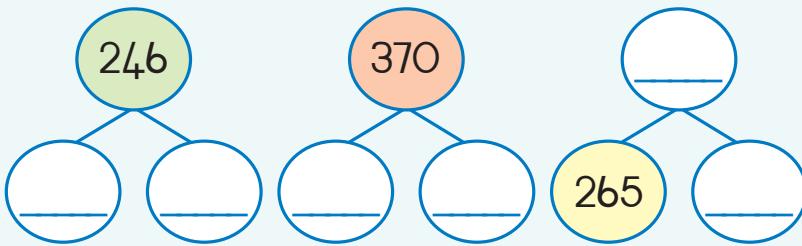
Bakeng sa palo e nngwe le nngwe, kgetha tse 2 hape ho bopa lelapa.

Ngola dipalo tsa polelo tse nne (pedi + le pedi –) bakeng sa palo e nngwe le e nngwe ya lelapa.

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



Fumana dihalofo le dipalo
tse phetilweng habedi.





Ho hafola le ho tlosa.

Haeba o tseba dihalofo le ho pheta palo habedi, ka nako e nngwe o ka nna wa di sebedisa ha o kopanya kapa o tlosa.

Mohlala:

$$34 - 18 = 16$$

$$34 - 17 = 17$$

$$17 - 1 = 16$$

$$190 - 97$$

$$190 - 95 = 95$$

$$95 - 2 = 93$$

$$65 + 69$$

$$65 + 65 = 130$$

$$130 + 4 = 134$$

$$242 + 249$$

$$= 242 + 242 + 7$$

$$= 484 + 7$$

$$= 491$$

Jwale leka sena:

$$340 - 176$$

$$145 + 148$$

$$900 - 452$$



Ithute mekgwa.

E mong le e mong wa bana ba 256 o fumana mpho ya Keresemese. Halofo ya bona e fumana dipopi halofo e nngwe e fumana dikoloi. Ke ba bakae ba fumanang dikoloi?

Mokgwa wa 1

$$256 = 200 + 50 + 6$$

→ Halofo ya 200 ke 100

→ Halofo ya 50 ke 25

→ Halofo ya 6 ke 3

$$100 + 25 + 3 = 128$$

→ Halofo ya 256 ke 128

Jwale ba 128 ba fumana dikoloi.

Mokgwa wa 2

→ Halofo ya 250 = 125

→ Halofo ya 6 ke 3

$$125 + 3 = 128$$

→ Halofo ya 256 ke 128,

Jwale ba 128 ba fumana dikoloi.



Rarolla se latelang hodima pampiri e nngwe hape:

Sebedisa o mong le o mong wa mekgwa e ka hodimo.

E mong le e mong wa bana ba 728 o fumana sebapadiswa lebenkeleng la dijo.

Halofo ya bona e fumana diboloko tsa ho bapala.

Ke ba bakae ba fumanang diboloko tsa ho bapala?

E mong le e mong wa bana ba 642 o fumana kuku ya mafine.

Halofo ya bona e fumana kuku ya mafine ya tjhokolete.

Ke ba bakae ba fumanang kuku ya mafine ya tjhokolete?



Dipaterone tsa dipalo: mashome ho fihla ho 800

Kotara 3



O ka bua wa reng ka dipalo tse ka hara diboloko tse
etseditsweng sedikadikwe?

Bala ka mashome ho tloha ho 710 ho fihla
ho 800.

Ke palo efe e tleng ka mora 720 ha o bala
ka mashome?

Bala o ya morao ka mashome ho tloha
ho 800 ho fihla ho 710.

Ke palo efe e tleng pele ho 760 ha o
bala o ya morao?

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



Qetela palo ya polelo.

720; 730; 740; _____ ; _____ ; _____

800; 790; 780; _____ ; _____ ; _____



Kopanya kapa o tlose leshome.

- I. Kopanya leshome palong eo o e filweng. O se o etseditsweng
ya pele.

a. $767 + 10 = 777$

b. 762 _____

c. 783 _____

d. 756 _____

e. 714 _____

f. 799 _____



2. Tlosa leshome palong eo o e filweng. O se o etseditswe ya pele.

$$a. 767 - 10 = 757$$

b. 762

c. 783

d. 756

e. 714

f. 799

3. Ho etsahalang ha o kopanya kapa o tlosa leshome dipalong tse ka hodimo?



Sheba didikadikwe tse kgubedu tse botong ya dipalo.

a. O hlokomela eng ka didikadikwe tsena? _____

b. Atolosa tatelano ya dipalo tsena:

704; 714; 724; _____ ; _____ ; _____

782; 772; 762; _____ ; _____ ; _____

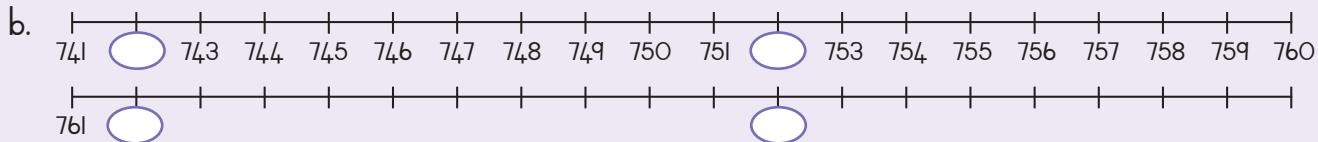
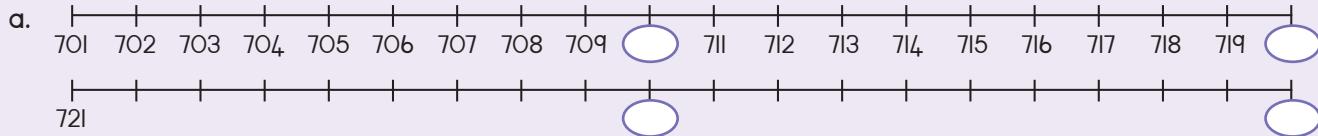
715; 725; 735; _____ ; _____ ; _____

737; 747; 757; _____ ; _____ ; _____

799; 789; 779; _____ ; _____ ; _____



**Tlatsa ka palo e nepahetseng sedikadikweng se seng
le se seng sa melapalo ena.**



Ke na le palo tsa didijiti tse 3.



Karolo ya pele ke 7, karolo e latelang e ka hodimo ho supa, karolo ya ho qetela e ka tlase ho supa ka nngwe.

Haeba o bala o ya pele ka mashome ho tloha ho palo ena. Palo ena ke efe?



Teacher:
Sign:
Date:

Ho atametsa palo ho leshome

Kotara 3

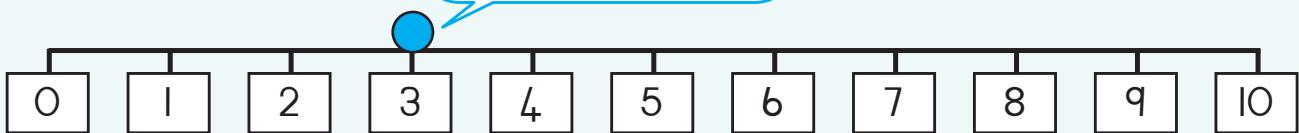
Dipalo kaofela ho tloha ho 4 ho ya morao di tla atametswa ho 0.

Dipalo kaofela ho ya pele ho tloha ho 5 di tla atametswa ho 10.

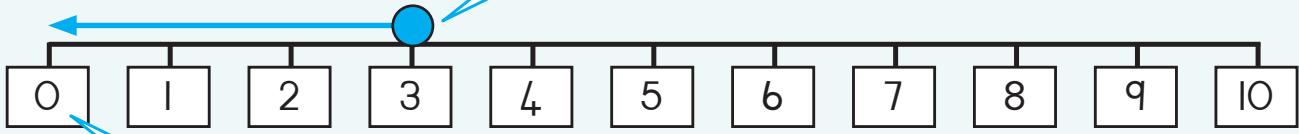


A re bue.

Sheba 3 e hodima molapalo.



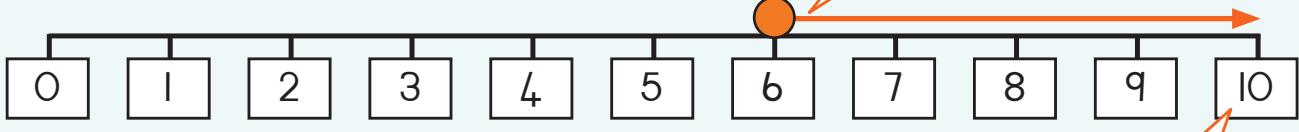
Ha 3 e atametswa e tla ba palo efe?



Ha 3 e atametswa ho ya ho leshome e tla ba 0.

Etsa sena ka:

Ha 6 e atametswa ho 10 e tla ba palo efe?



Karabo e tla ba 10.



Atametsa ho fihla ho 10.

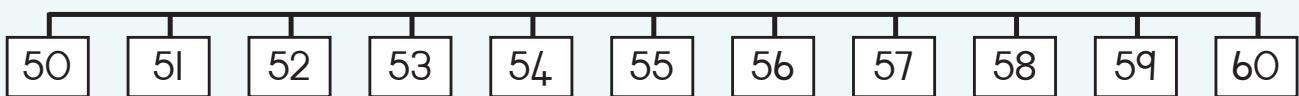
Ha 12 e atametswa e tla ba? _____

Ha 19 e atametswa e tla ba? _____



Ha 53 e atametswa e tla ba? _____

Ha 58 e atametswa e tla ba? _____





Atametsa palo ho 10 o sebedisa
molapalo ho o thusa.

a. 46

46

50

40

41

42

43

44

45

46

47

48

49

50

46 e dipakeng tsa dipalo dife tse
pedi tsa mashome?

b. 63

63 e dipakeng tsa dipalo dife tse
pedi tsa mashome?

c. 37

37 e dipakeng tsa dipalo dife tse
pedi tsa mashome?

d. 99

99 e dipakeng tsa dipalo dife tse pedi
tsa mashome?



Tom o na le R48,00.



Pakete ya dikarete tseo a di bokelletseng e ja R5,00.

A ka reka dipakete tse kae tsa dikarete ka R48,00? _____



Ho Atisa: ka bohlano ho fihla ho 75

Kotara 3

Ke dife tse hlhang ka bohlano?
Ke menwana e letsohong.



Ke menwana e mekae?

- matsohong a 2?**
- matsohong a 3?
- matsohong a 4?
- matsohong a 5?
- matsohong a 6?
- matsohong a 7?
- matsohong a 8?
- matsohong a 9?
- matsohong a 10?

Bapisa palo le potso e ka ho le letshehadi:

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



Qetela papetla.

Hlophisa	Atisa	Ho arola	Arola
Dihlopha tse 2 tsa 5	$2 \times 5 = 10$	Arola 10 ka 5	$10 \div 5 = 2$
Dihlopha tse 7 tsa 5		Arola 35 ka 5	
Dihlopha tse 12 tsa 5		Arola 60 ka 5	
Dihlopha tse 15 tsa 5		Arola 75 ka 5	



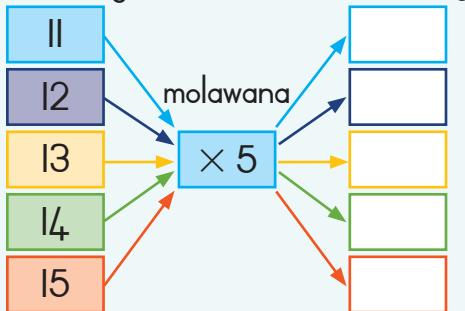
Qetela papetla.

Ho arolelana	Arola
Arola 12 ka 5	$12 \div 5 = 2$ ho sala 2
Arola 64 ka 5	
Arola 39 ka 5	
Arola 73 ka 5	



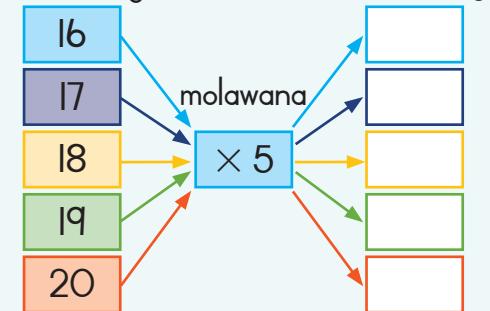
Qetela taekeramo ya sekgo.

tse kenang



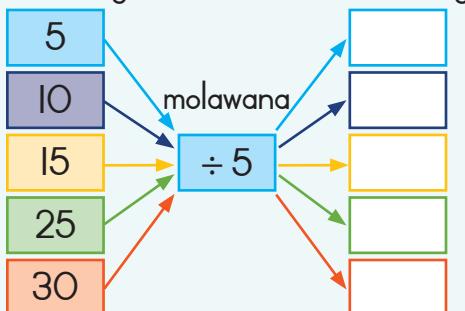
tse tswang

tse kenang



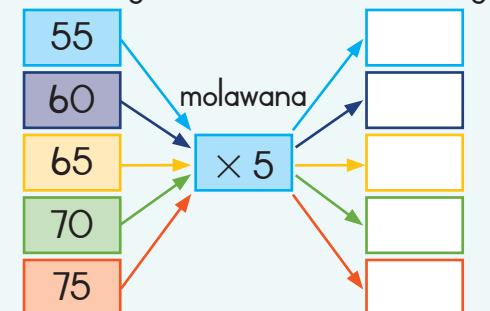
tse tswang

tse kenang



tse tswang

tse kenang



tse tswang



Qetela dipapetla tse ka tlase:

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

\times	11	12	13	14	15	16	17	18	19	20
5										

O fumane karabo jwang eo o tla e ngola dibolokong tse bolou?



Sebetsa dipalo tsena:

Mme o reka dipakete tsa dipompong ka R70.
O lefa R5 bakeng sa pakete e le nngwe.
O rekile dipakete tse kae tsa dipompong?



79

Letsatsi:

Dipaterone tsa dipalo: ka bohlano ho fihla ho 800

Kotara 3



O ka bua wa reng ka dipalo tse ka hara diboloko
tse mmala wa lamuni?

Bala ka bohlano ho tloha ho 705 ho fihla
ho 800.

Ke palo efe e tlang ka morao ho 720 ha o
bala ka bohlano?

Bala ka bohlano o ya morao ho tloha
ho 800 ho fihla ho 705.

Ke palo efe e tlang pele ho 730 ha o
bala o ya morao?

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



Qetela dipalo tsa polelo.

725; 730; 735; _____ ; _____ ; _____

800; 795; 790; _____ ; _____ ; _____



Ho Kopanya le ho tlosa hlano.

I. Tlosa hlano ho palo eo o e filweng.

O se o etseditswe ya pele.

$$a. 760 + 5 = 765$$

b. 725 _____

c. 780 _____

d. 755 _____

e. 715 _____

f. 790 _____



2. Tlosa hlano ho palo eo o e filweng. O se o etseditswe ya pele.

$$a. 765 - 5 = 760$$

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

3. Ho etsahalang ha o kopanya kapa o tlosa hlano dipalong tse ka hodimo?

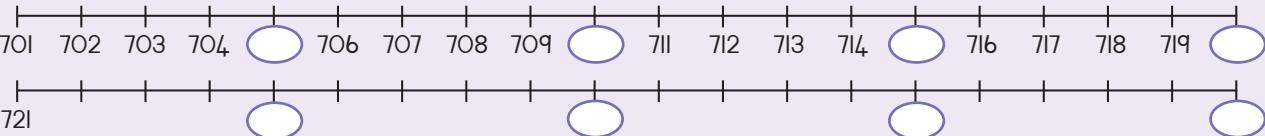
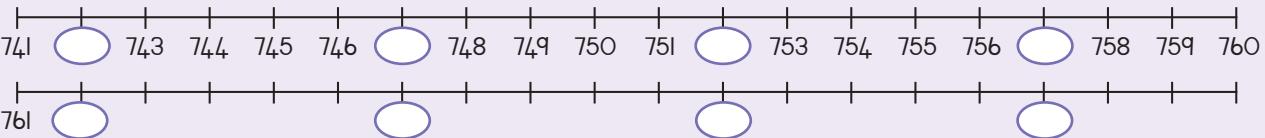


Sheba didikadikwe tse kgubedu botong ya dipalo.

- a. O hlokomela eng ka didikadikwe tsena? _____
- b. Atolosa tatelano ya dipalo tsena:
 703; 708; 713; _____ ; _____ ; _____
 753; 758; 763; _____ ; _____ ; _____
 701; 706; 711; _____ ; _____ ; _____
- 722; 727; 732; _____ ; _____ ; _____
 714; 719; 724; _____ ; _____ ; _____



Tlatsa ka palo e nepahetseng sedikadikweng se seng le se seng melapalong ena.

- a. 
 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719
- b. 
 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760



Ke na le palo ya didijiti tse 3.

Karolo ya pele ke 7, karolo e latelang e feta supa ka nngwe, karolo ya ho qetela e ka tlase ho supa ka hlano.



Haeba o bala ka bohlano ho ya pele ho tloha ho palo ena. Palo ena ke efe?



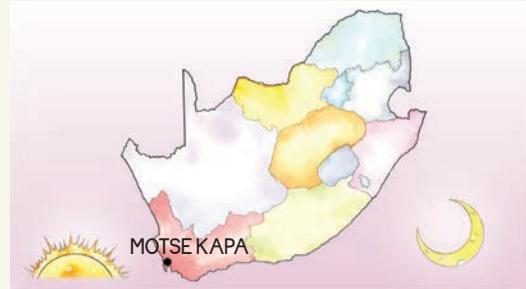
Teacher:
Sign:
Date:

Nako ya motsheare le nako ya bosiu



Motse Kapa

Papetla e ka tlase e bontsha ha letsatsi le tjhaba le ha le dikela ka dinako tse fapaneng tsa selemo Motse Kapa. Bala dinako tse papetleng o nto tlatsa papetla pele o araba dipotso tse ka tlase.



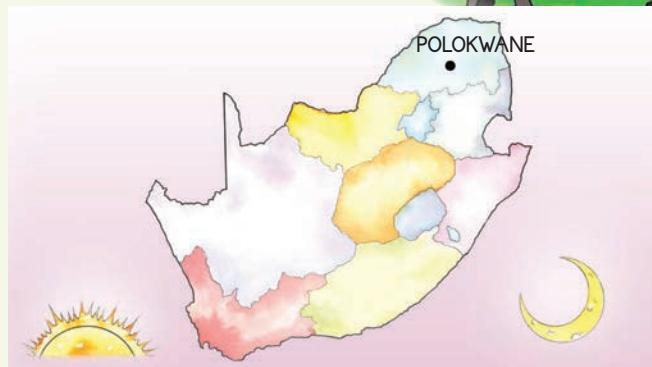
Motse Kapa	Letsatsi le a tjhaba	Letsatsi le a dikela	Bolelele ba letsatsi	Bolelele ba bosiu
Hlakubele 23	6:53 hoseng	6:53 mantsiboya		
Phupjane 21	7:51 hoseng	5:44 mantsiboya		
Lwetse 19	6:41 hoseng	6:41 mantsiboya		
Tshitswe 22	5:32 hoseng	7:58 mantsiboya		

- Ke dikgweding dife moo motsheare le bosiu di lekanang ka bolelele? _____
- Ke kgwedi efe e nang le matsatsi a malelele? _____
- Ke kgwedi efe e nang le matsatsi a makgutshwane haholo? _____
- Fumana phapang ya dihora le metsotso dipakeng tsa matsatsi a malelele le matsatsi a makgutshwane haholo. _____
- Fumana bolelele ba motshehare le bosiu bakeng sa letsatsi ka leng tafoleng e ka hodimo. _____



Polokwane

Papetla ena e bontsha ha letsatsi le tjhaba le ha letsatsi le dikela ka dinako tse fapaneng tsa selemo Polokwane. Bala dinako tse papetleng mme o tlatse papetla pele o araba dipotso tse ka tlase.



Polokwane	Letsatsi le a tjhaba	Letsatsi le a dikela	Bolelele ba letsatsi	Bolelele ba bosiu
Hlakola 25	6:08 hoseng	6:08 mantsiboya		
Phupjane 21	6:44 hoseng	5:24 mantsiboya		
Lwetse 17	5:57 hoseng	5:57 mantsiboya		
Tshitwe 22	5:13 hoseng	6:50 mantsiboya		

- Ke kgwedding efe moo motsherare le bosiu di lekanang ka bolelele? _____
- Ke kgwedi efe ho tsena moo bolelele ba letsatsi bo lekanang Motse Kapa le Polokwane? _____
- Ke kgwedding efe moo di fapanang? _____
- Fumana phapang ya dihora le metsotso dipakeng tsa letsatsi le lelelele le letsatsi le lekguthswane. _____
- Fumana **bolelele** ba **motshehare** le **bosiu** bakeng sa letsatsi ka leng tafoleng e ka hodimo. _____



Kopa motho e mong ho o thusa ho fumana dinako tseo letsatsi le tjhabang le ho dikela ka tsona sebakeng seo o dulang ho sona. Di ngole nakong ya beke kaofela. Na matsatsi a ba malelele kapa a ba makgutshwane?



Ho Atisa: ka bobedi ho fihla ho 75

Kotara 3

Ke dife tse tsamayang ka bobedi?
Para e le 1 ya dieta.



Ho na le dieta tse kae ho
para e le 1 ya dieta?

- Dipara tse 2 tsa dieta?
- Dipara tse 3 tsa dieta?
- Dipara tse 4 tsa dieta?
- Dipara tse 5 tsa dieta?
- Dipara tse **6** tsa dieta?
- Dipara tse 7 tsa dieta?
- Dipara tse 8 tsa dieta?
- Dipara tse 9 tsa dieta?
- Dipara tse 10 tsa dieta?

Bapisa palo le potso e ka
ho le letshehadi:

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



Qetela papetla.

Ho hlophisa	Ho atisa	Ho arola	Arola
Dihlopha tse 2 tsa 10	$10 \times 2 = 20$	Arola 20 ka 2	$20 \div 2 = 10$
Dihlopha tse 2 tsa 15		Arola 30 ka 2	
Dihlopha tse 2 tsa 20		Arola 40 ka 2	
Dihlopha tse 2 tsa 35		Arola 70 ka 2	



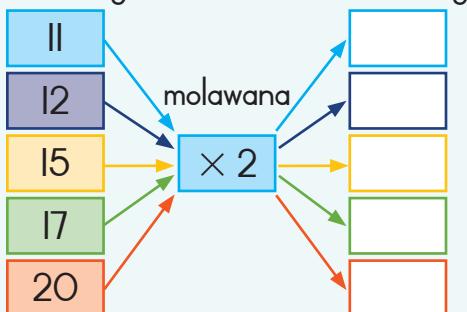
Qetela papetla.

Ho arola	Arola
Arola 21 ka 2	$21 \div 2 = 10$ ho sala 1
Arola 33 ka 2	
Arola 67 ka 2	
Arola 75 ka 2	



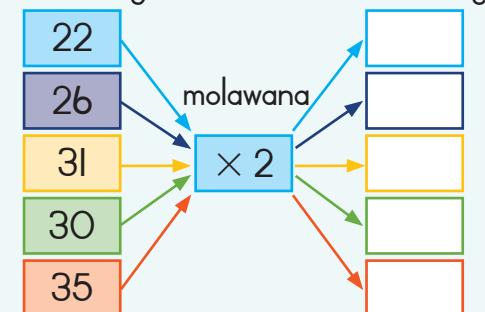
Qetela ditshwantsho tsa sekgo.

tse kenang



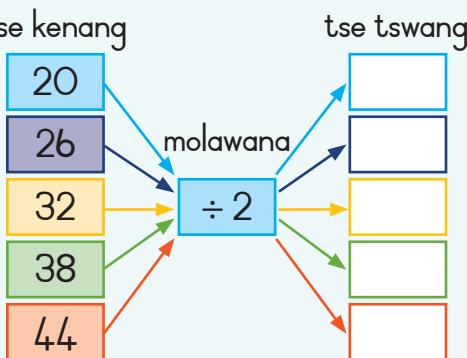
tse tswang

tse kenang



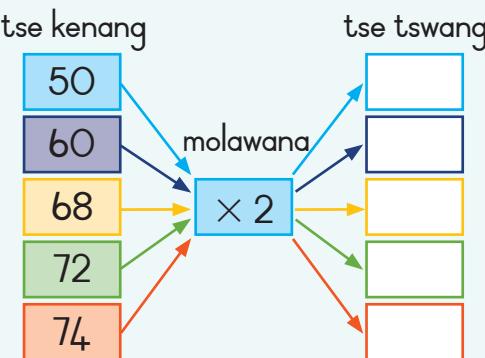
tse tswang

tse kenang



tse tswang

tse kenang



tse tswang



Qetela dipapetla tse ka tlase:

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

\times	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
2																		



Rarolla bothata bona:

Ke rekile dilolipopo tse 36 ka R2.

Ke lefile ka R50, R20 le tjhelete ya tshepe ya R5.

Thentjhe ya ka e ne e le bokae?



Dipaterone tsa dipalo: ka bobedi ho fihla ho 800



O ka reng ka dipalo tse ka dibolokong tse tlotsitsweng
ka mmala wa bosehla ba lamunu?

Bala ka bobedi ho tloha ho 700 ho fihla
ho 800. Ke palo efe e tlang ka mora 700
ha o ntse o bala ka bobedi?

Bala ka bohlano o ya morao ho tloha ho 800
ho fihla ho 710. Ke palo efe e tlang ka mora
750 ha o bala o ya morao?

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



Qetela tatelano ena ya dipalo.

720; 722; 724; _____ ; _____ ; _____

800; 798; 796; _____ ; _____ ; _____



Kopanya kapa o tlose pedi.

I. Kopanya pedi ho palo eo o e filweng.

O se o etseditswe mohlala wa pale.

a. $764 + 2 = 766$

b. 762 _____

c. 783 _____

d. 756 _____

e. 714 _____

f. 799 _____



2. Tlosa pedi ho palo eo o e filweng. O se o etseditswe mohlala wa pele.

$$a. 764 - 2 = 762$$

b. 762

c. 783

d. 756

e. 714

f. 799

3. Ho etsahalang ha o kopanya kapa o tlosa pedi dipalong tse ka hodimo?



Sheba didikadikwe tse bolou botong ya dipalo.

a. O hlokomela eng ka didikadikwe tsena? _____

b. Atolosa tatelano ena ya dipalo:

701; 703; 705; _____ ; _____ ; _____

783; 785; 787; _____ ; _____ ; _____

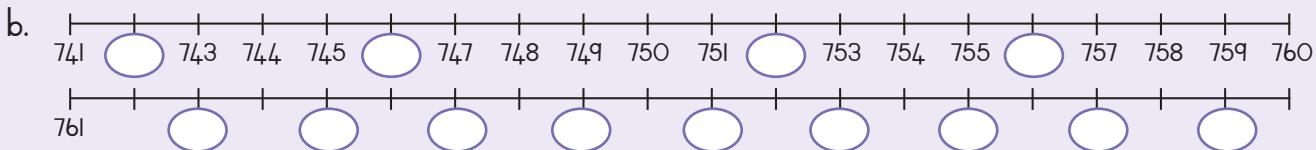
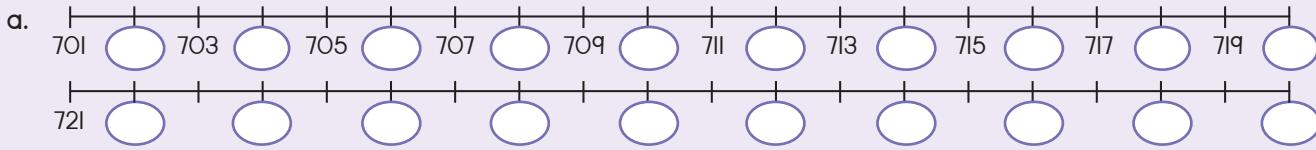
725; 727; 729; _____ ; _____ ; _____

779; 781; 783; _____ ; _____ ; _____

799; 797; 795; _____ ; _____ ; _____



Tlatsa ka palo e nepahetseng sedikadikweng se seng le se seng melapalong ena.



Ke na le palo ya didijiti tse 3.

Karolo ya pele ke 7, karolo e latelang e feta supa ka pedi, karolo ya ho qetela e ka tlase ho supa ka nne.



Haeba o bala ka bobedi o ya pele ho tloha palong ena, palo ena e tla ba efe?



Teacher: _____
Sign: _____
Date: _____



Ho Atisa:
ka 2 le ka 5 ho fihla ho 75

O ka araba tse latelang ka potlako e kae?

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



Sheba hore motswalle o ile a etsajwang.

Buisanang ka yona.

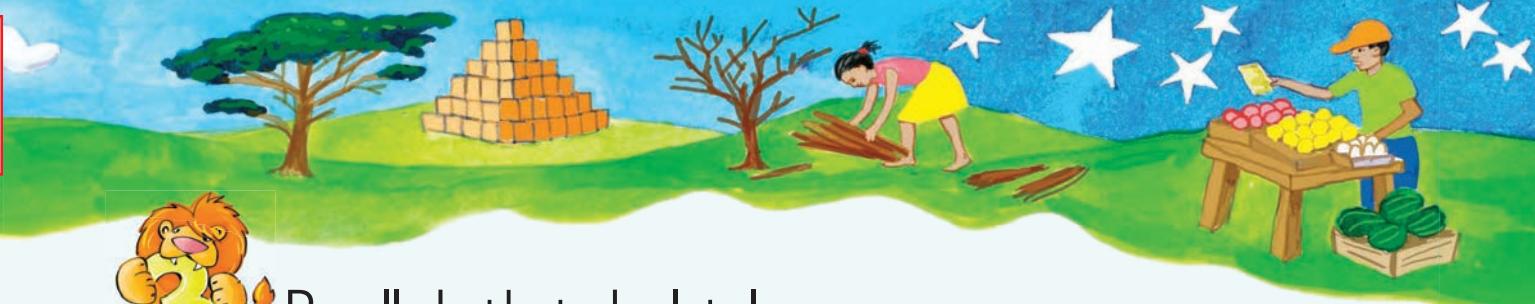
$$4 \times 2 = 8$$

Motswalle wa ka o bontshise 4×2 ka mokgwa ona:

Tlola ho bala	Dihlopha tse lekanang	Ho kopanya ho iphetang	Tatelano	Dintlha
2, 4, 6, 8	● ● ● ● ● ● ● ●	$2 + 2 + 2 + 2$	xx xx xx xx	$2 \times 4 = 8$ $4 \times 2 = 8$ $8 \div 4 = 8$ $8 \div 2 = 8$

Etsa sena le ka $4 \times 5 = 20$.

Tlola ho bala	Dihlopha tse lekanang	Ho kopanya ho iphetang	Tatelano	Dintlha



Rarolla bothata bo latelang:

24×3 $= (20 + 4) \times 3$ $= (20 \times 3) + (4 \times 3)$ $= 60 + 12$ $= 72$	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 bothata bo latelang:

Ke rekile dipompong tse 14 ka R3.

Motswallé wa ka yena a reka dipompong tse 12 ka R5.

Re lefile bokae bakeng sa dipompong kaofela?



Ho Atisa: ka tharo ho fihla ho 75

Kotara 3

Ke dife tse
tsamayang ka
boraro?
Mabidi a
baesekele e
mabidi a mararo.



E le 1 ya mabidi a mararao?

Dibaesekeleng tse 2 tsa mabidi a
mararao?

Dibaesekeleng tse 3 tsa mabidi a mararo?

Dibaesekeleng tse 4 tsa mabidi a mararo?

Dibaesekeleng tse 5 tsa mabidi a mararo?

Dibaesekeleng tse 6 tsa mabidi a mararo?

Dibaesekeleng tse 7 tsa mabidi a mararo?

Dibaesekeleng tse 8 tsa mabidi a mararo?

Dibaesekeleng tse 9 tsa mabidi a mararo?

Dibaesekeleng tse 10 tsa mabidi a mararo?

Bapisa palo le potso e ka
lehlekoreng le letshehadie:

$$9 \times 3 = 27$$

$$7 \times 3 = 21$$

$$\textcolor{orange}{2} \times \textcolor{orange}{3} = \textcolor{orange}{6}$$

$$4 \times 3 = 12$$

$$3 \times 3 = 9$$

$$5 \times 3 = 15$$

$$1 \times 3 = 3$$

$$10 \times 3 = 30$$

$$6 \times 3 = 18$$

$$8 \times 3 = 24$$



Qetela papetla.

Ho hlophisa	Ho atisa	Ho arolelana	Arola
Dihlopha tse 11 tsa 3	$11 \times 3 = \textcolor{red}{33}$	Arola 33 ka 3	$33 \div 3 = 11$
Dihlopha tse 15 tsa 3		Arola 45 ka 3	
Dihlopha tse 25 tsa 3		Arola 60 ka 3	
Dihlopha tse 12 tsa 3		Arola 36 ka 3	



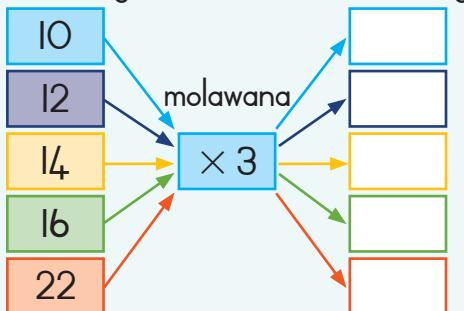
Qetela papetla.

Ho arolelana	Arola
Arola 37 ka 3	$\textcolor{red}{37} \div 3 = 12$ ho sala 1
Arola 74 ka 3	
Arola 49 ka 3	
Arola 68 ka 3	



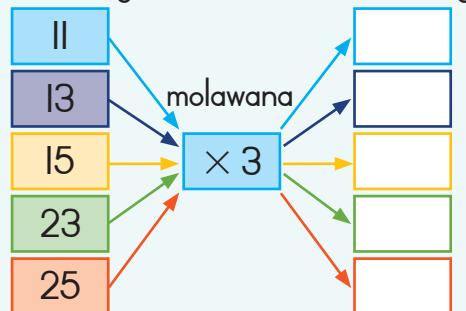
Qetela ditshwantsho tsa sekgo.

tse kenang



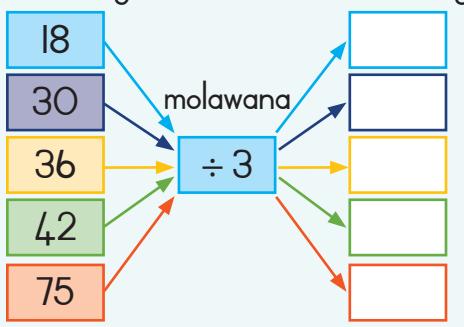
tse tswang

tse kenang



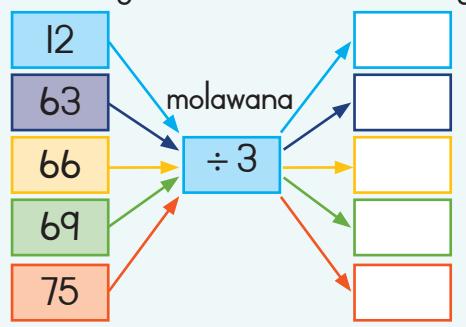
tse tswang

tse kenang



tse tswang

tse kenang



tse tswang



Qetela dipapetla tse ka tlase:

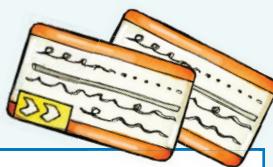
\times	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4	3	6													

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

O fumane dikarabo jwang moo diboloko di tlotsitsweng ka mmala o bolou?



Sebetsa dipalo tse latelang:



Tjhelete ya ho kena e ne e le R3 bakeng sa ngwana e mong le e mong mme ho kena bana ba 23 ka phakeng. Ba lefile bokae kaofela?





Ho Atisa: ka 2, 3, le 4 ho fihla ho 75

O ka araba tse latelang ka potlako e kae?

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



Sheba hore motswalle wa ka o
ile a etsajwang.

Buisanang ka yona.

$$5 \times 2 = 10$$

Ke qadile ka ho bontsha 5×2 ka mokgwa ona:

Tlola ho bala	Dihlopha tse lekanang	Ho kopanya ho iphetang	Tatelano	Dintlha
2, 4, - - -	• - - -	2 + - - -	mela ya 2 xx	$2 \times - = -$ $4 \times - = -$ $- \div - = -$ $- \div - = -$

Etsa sena le ka $8 \times 3 = 24$.

Tlola ho bala	Dihlopha tse lekanang	Ho kopanya ho iphetang	Tatelano	Dintlha

$$6 \times 4 = 24$$

Tlola ho bala	Dihlopha tse lekanang	Ho kopanya ho iphetang	Tatelano	Dintlha



Arola mme o lekole karabo ya hao.

$$63 \div 3$$

$$\begin{aligned}
 &= (60 + 3) \div 3 \\
 &= (60 \div 3) + (3 \div 3) \\
 &= 20 + 1 \\
 &= 21
 \end{aligned}$$

$$21 \times 3$$

$$\begin{aligned}
 &= (20 + 1) \times 3 \\
 &= (20 \times 3) + (1 \times 3) \\
 &= 60 + 3 \\
 &= 63
 \end{aligned}$$

a. $48 \div 5$

b. $64 \div 5$



Sebetsa dipalo tse latelang:

Nna le motswalle wa ka re na le R63 kaofela.

Re batla ho e arolelana ka ho lekana dipakeng tsa rona re le boraro.

E mong le e mong o tla fumana bokae?



Teacher:
Sign:
Date:

Dipaterone tsa dipalo: ka boraro ho fihla ho 800



O ka reng ka dipalo tse ka hara diboloko tsa mmala o mopinki?

Bala ka boraro ho tloha ho 703 ho fihla ho 799. Ke palo efe e tlang ka mora 745 ha o bala ka boraro?

Bala ka bohlano o ya morao ho tloha ho 799 ho fihla ho 903. Ke palo efe e tlang pele ho 766 ha o bala o ya morao?

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



Qetela tatelano ya dipalo.

703; 706; 709; _____ ; _____ ; _____

799; 796; 793; _____ ; _____ ; _____



Kopanya kapa o tlose tharo.

I. Kopanya tharo palong eo o e filweng.
O se o etseditswe ya pele.

$$766 + 3 = 769$$

b. 766 _____

c. 783 _____

d. 756 _____

e. 713 _____

f. 790 _____



2. Kopanya tharo palong eo o e filweng. O se o etseditswe ya pele.

$$a. 76\textcolor{red}{6} - 3 = 76\textcolor{red}{3}$$

b. 763 _____

c. 789 _____

d. 756 _____

e. 713 _____

f. 799 _____

3. Ho etsahala eng ha o kopanya kapa o tlosa dipalo tse ka hodimo?



Sheba didikadikwe tse bolou botong ya dipalo

a. O hlokomela eng ka didikadikwe tsena? _____

b. Atolosa tatelano ena ya dipalo:

704; 707; 710; _____ ; _____ ; _____

782; 785; 788; _____ ; _____ ; _____

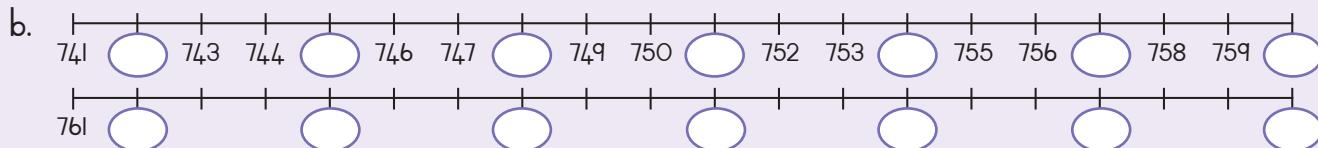
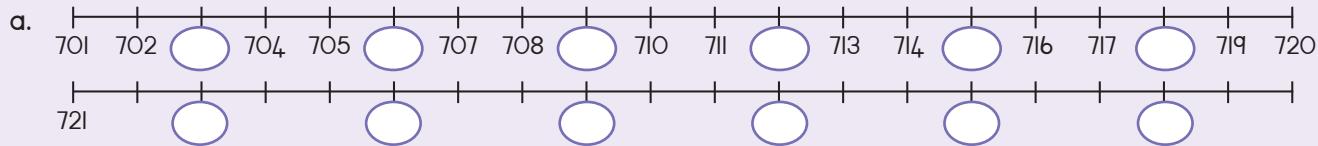
773; 776; 779; _____ ; _____ ; _____

779; 782; 785; _____ ; _____ ; _____

779; 776; 773; _____ ; _____ ; _____



Tlatsa ka palo e nepahetseng sedikadikweng se seng
le se seng melapalong ena.



Ke na le palo ya didijiti tse 3:



Karolo ya pele ke 7, karolo e latelang e feta supa ka pedi, karolo ya ho qetela e ka tlase ho supa ka supa.

Haeba o bala ka boraro o ya pele ho tloha palong ena. Palo ena ke efe?



Teacher:
Sign:
Date:

Ho Atisa: ka bone ho fihla ho 75

Ke dipalo dife tse
tsamayang ka bone?

Mabidi a koloi?



Ho na le mabidi a makae

Koloing e le 1?

Dikoloing tse 2?

Dikoloing tse 3?

Dikoloing tse 4?

Dikoloing tse 5?

Dikoloing tse 6?

Dikoloing tse 7?

Dikoloing tse 8?

Dikoloing tse 9?

Dikoloing tse 10?

Bapisa palo le potso e ka
lehlakoreng le letshehadie:

$$9 \times 4 = 36$$

$$7 \times 4 = 28$$

$$2 \times 4 = 8$$

$$4 \times 4 = 16$$

$$3 \times 4 = 12$$

$$5 \times 4 = 20$$

$$1 \times 4 = 4$$

$$10 \times 4 = 40$$

$$6 \times 4 = 24$$

$$8 \times 4 = 32$$



Qetela papetla.

Ho hlophisa	Ho atisa	Ho arolelana	Arola
Dihlopha tse 12 tsa 4	$12 \times 4 = 48$	Arola 48 ka 4	$48 \div 4 = 12$
Dihlopha tse 16 tsa 4		Arola 64 ka 4	
Dihlopha tse 18 tsa 4		Arola 72 ka 4	
Dihlopha tse 15 tsa 4		Arola 60 ka 4	



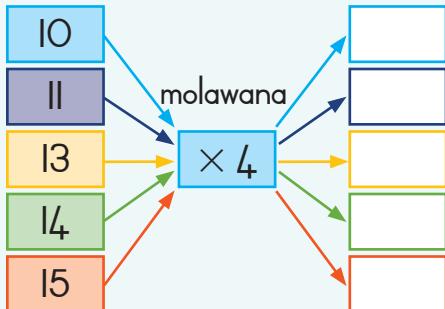
Qetela papetla.

Ho arolelana	Arola
Arola 35 ka 4	$35 \div 4 = 8$ ho sala 3
Arola 55 ka 4	
Arola 70 ka 4	
Arola 75 ka 4	



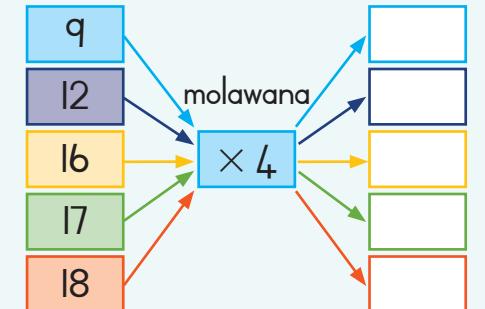
Qetela ditshwantsho tsa sekgo.

tse kenang



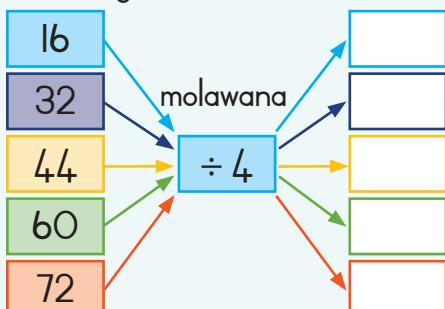
tse tswang

tse kenang



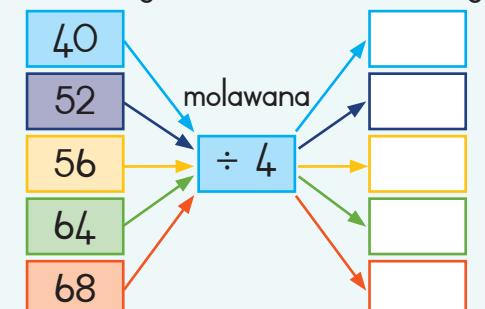
tse tswang

tse kenang



tse tswang

tse kenang



tse tswang



Qetela dipapetla tse ka tlase:

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

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

O sebeditse dikarabo tse ka hara diboloko tse tlotsitsweng ka mmala o bolou jwang?



Sebetsa dipalo tse latelang:

Ke na le R75.

Nka reka dipaketana tse kae tse nnyane tsa dimpho bakeng sa moketjana ka R4?



Dipaterone tsa dinomoro: bonne ho fihla ho 800



O ka reng ka dipalo tse ka hara diboloko tsa
hara diboloko tsa mmala o mopinki?

Bala ka bone ho tloha ho 704 ho fihla ho 800.
Ke palo efe e tlang ka mora 736 ha o bala ka
bone?

Bala ka bone o ya morao ho tloha ho 800 ho
fihla ho 704. Ke palo efe e tlang pele ho 776
ha o bala o ya morao

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



Qetela tatelano ya dipalo.

704; 708; 712; _____ ; _____ ; _____

724; 728; 732; _____ ; _____ ; _____



Kopanya kapa o tlose nne.

I. Kopanya nne palong eo o e filweng.

O se o etseditswe ya pele.

$$a. 764 + 4 = 768$$

b. 764 _____

c. 788 _____

d. 754 _____

e. 718 _____

f. 794 _____



2. Tlosa nne palong eo o e filweng. Ya pele o se o e etseditswe.

$$a. 764 - 4 = 760$$

b. $768 \quad$

c. $784 \quad$

d. $752 \quad$

e. $714 \quad$

f. $798 \quad$

3. Ho etsahala eng ha o kopanya kapa o tlosa nne dipalong tse ka hodimo?



Sheba didikwadikwe tse bolou botong ya dipalo.

a. Ke sefe seo o se hlokomelang ka didikadikwe tsena? _____

b. Atolosa tatelano ena ya dipalo:

703; 707; 711; _____ ; _____ ; _____

783; 779; 775; _____ ; _____ ; _____

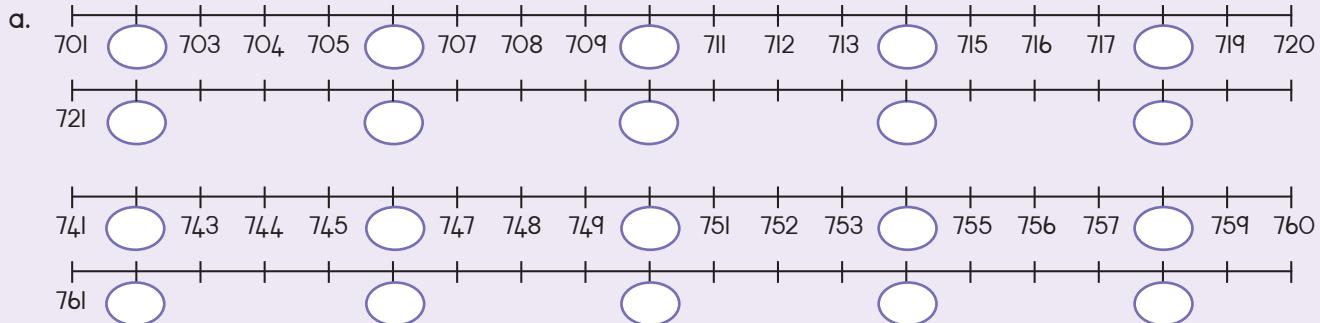
773; 777; 781; _____ ; _____ ; _____

799; 795; 791; _____ ; _____ ; _____

711; 715; 719; _____ ; _____ ; _____



**Tlatxa ka palo e nepahetseng sedikadikweng se seng
le se seng melapalong ena.**



Ke na le palo ya didijiti tse 3.

Karolo ya pele ke 7, karolo e latelang e feta supa ka nngwe, karolo ya ho qetela e ka tlase ho supa ka tharo.



Haeba o bala ka bone o ya pele ho tloha palong ena.

Palo ena e ka ba efe?



89

Ho Atisa le ho Arola ka: 2, 3, 4 le 5 ho fihla ho 75

Kotara 3



O ka araba dipalo tse latelang ka potlako e kae?

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



Tlotsa diboloko ka mmala moo ho nang le palo e salang.

$12 \div 2 =$ 6	$13 \div 3 =$ 4 ho sala 1	$15 \div 5 =$ _____	$18 \div 5 =$ _____
$20 \div 4 =$ _____	$23 \div 4 =$ _____	$16 \div 3 =$ _____	$18 \div 3 =$ _____
$25 \div 2 =$ _____	$24 \div 2 =$ _____	$30 \div 2 =$ _____	$29 \div 2 =$ _____
$19 \div 3 =$ _____	$17 \div 3 =$ _____	$31 \div 5 =$ _____	$30 \div 5 =$ _____
$55 \div 5 =$ _____	$52 \div 5 =$ _____	$57 \div 3 =$ _____	$60 \div 3 =$ _____



O tseba jwang hore palo e ka aroleha:

- 3? Ha o kopanya dikarolo tsa palo (mohl. $72 \div 6 = 12$) mme o ka arola palo ka 3 (mohl. $9 \div 3 = 3$)
- 2? _____
- 5? _____



Arola mme o lekole karabo ya hao.

$$65 \div 3$$

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

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

$$= 20 + 1 \text{ ho sala } 2$$

$$= 21 \text{ ho sala } 2$$

$$21 \times 3 + 2$$

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

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

$$= 60 + 3 + 2$$

$$= 65$$

a. $49 \div 5$

b. $65 \div 5$



Sebetsa dipalo tse latelang:

O tshwanelo ho tswa o yo etsa diphuputso.

O tseba jwang hore palo e ka aroleha ka 4?



Teacher: Sign:
Date:

90



Letsatsi:

Kotara 3



Sheba ditshwantsho.

Bapisa dintho.

Dibolo	Mabokose	Disilintere	Dipiramide	Dikhounu



Shebe ditshwantsho mme o qetele dipolelo le
ho araba dipotso.



a. Bolo

_____.



b. Ke hobaneng ha
bolo e bidika?

_____.



c. Silintere

_____.



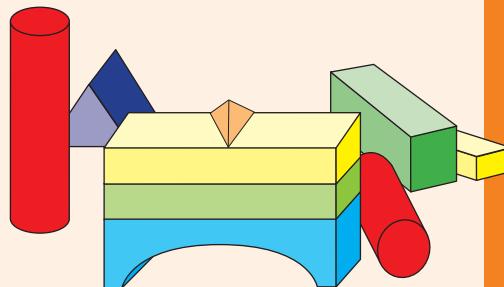
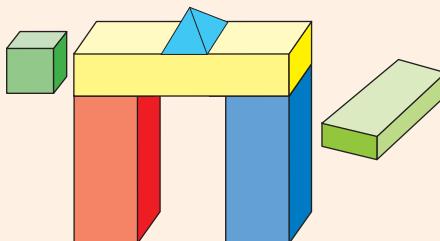
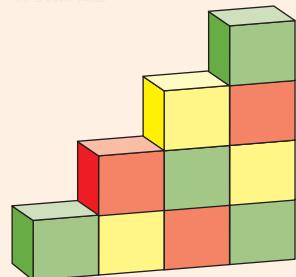
d. Na silintere le
yona e ka bidika?

_____.



Bolela mabitso a dintho tse
sebedisitsweng setshwantshong se seng le se seng.

O tshwanelo ho bolela lebitso la ntho e nngwe le e nngwe hanngwe feela.



Handwriting practice lines for the number 3.

Handwriting practice lines for the number 3.

Handwriting practice lines for the number 3.



Bolela hore dintho tsa dibopeho tsa 3-D di na le
dibopeho tse sephara kapa tse sothehileng.



Taka tse latelang:

Lebokose le tsepemeng hodima silintere.	Bolo e tsepameng hodima silintere.	Silintere e tsepameng hodima lebokose.
---	------------------------------------	--



q

Letsatsi:

Lebokosana la maqetshwana a dikarolwana

Kotara 3



Etsa lebokosana

Tse sehwang tsa 5

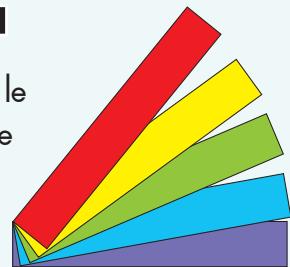
Sekotwaneng se le seng ngola mantswe: "Palo e feletseng" Nka sekotwana se seng mme o se mene hantle ho se etsa dihalofo.

Jwale se bule.O na le dikarolwana tse kae tse lekanang hantle?

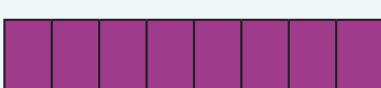
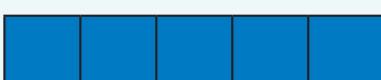
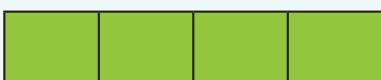
Ngola $\frac{1}{2}$ halofong e nngwe le e nngwe mme o sehe moo ho mennweng.

Nka sekotwana sa boraro o se mene ho etsa halofo, se mene hape ho etsa halofo e nngwe. Se bule.O na le dikarolwana tse kae tse lekanang? Ngola $\frac{1}{4}$ karolwaneng e nngwe le e nngwe ya bone, mme o sehe moo ho mennweng.

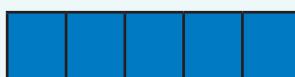
Jwale leka ho etsa metjha e mmedi; o mong o bontsha dikarolo bohlano ha o mong o bontsha dikarolo borobedi.



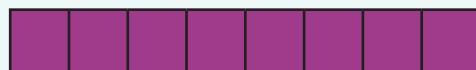
Palo e feletseng



Sebedisa lebokosana la dikarolwana ho o thusa ho araba dipotso tsena.



Ke dihalofo tse kae tse
etsang ntho e feletseng?



Ke dikarolwana tse kae tsa
nngwe boneng tse lekanang
le halofo e le nngwe?



Dikarolwana tse hodima molapalo.

Sekotwana sena se bontsha ntho e le nngwe e
feletseng.

Ntho e feletseng

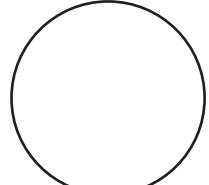
Sedikadikwe sena se
bontsha ntho e le nngwe
e feletseng.



Arola sekotwana ho se etsa karolwana ya
bonngwe borarong.



Arola sedikadikwe ho se etsa
karolwana ya nngwe borarong.



Tlotsa karolwana ya nngwe borarong ka mmala.

Tlotsa karolwana ya nngwe borarong ka mmala.



Jwale tlotsa tse latelang ka mmala:

Halofo e le nngwe	Karolwana ya boraro boneng	Karolwana ya boraro borarong



Taka tse latelang:

Dikotara tse tharo o sebedisa dikwere.	Halofo e le nngwe o sebedisa sedikadikwe.	Pedi borarong o sebedisa dikgutlotharo.
Karolwana ya bone bohlanong o sebedisa sedikadikwe.	Dikotara tse pedi o sebedisa sekwere.	Karolwana ya bobedi borarong o sebedisa kgutlonnetsepa.



Lokisa lebokosana la hao.

- Seha e nngwe le e nngwe ya didikadikwe tse b dinthong tse shehwang ho b.
- Seha meleng o ntshe dikotwana tsa didikadikwe tse hlano.
- Leibola sekotwana se seng le se seng:
 - Ka lehlakoreng le leng ngola karolwana ya hora e feletseng.
 - Ka lehlakoreng le leng ngola palo ya metsotso karolwaneng eo.





Dikarolwana hape



Ngola E kapa Tjhe.

- Halofo ke halofo ya ntho e feletseng
- Halofo ya halofo ke kotara
- Kotara ke halofo ya halofo
- Halofo le dikotara tse pedi tse etsang ntho e feletseng
- Halofo le kotara di etsa dikotara tse tharo



Arola phae.

Sipho, Gugu, Andile le Lisa ba arolelana phae.

Sipho



Taka karolwana ya Sipho.

- c. Ke tla fumana halofo e setseng. Ke saletswe ke phae e kae?

Andile



Taka dikarolwana tsa Sipho, Gugu le Andile.

Gugu



Taka dikarolwana tsa Sipho le Gugu.

d.

- Ke saletswe ke phae e kae?

Lisa

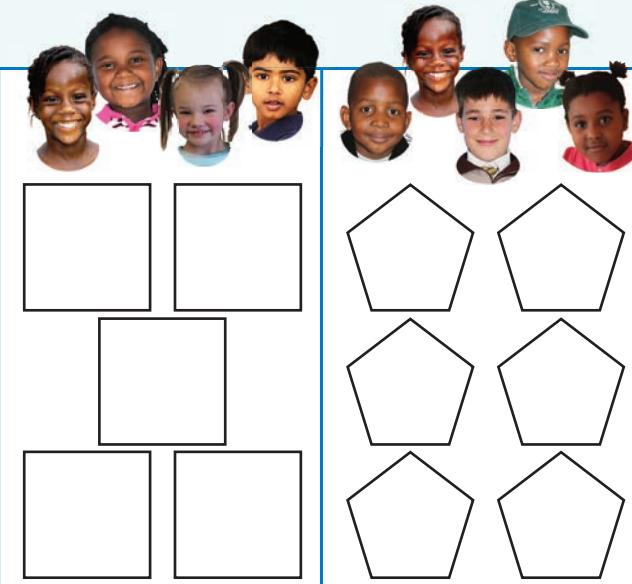
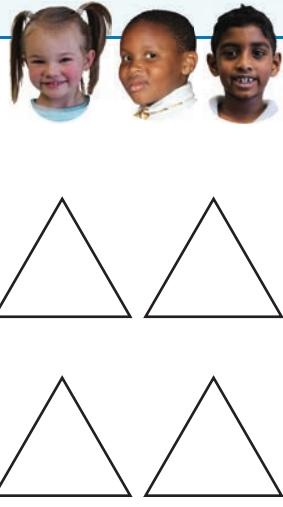
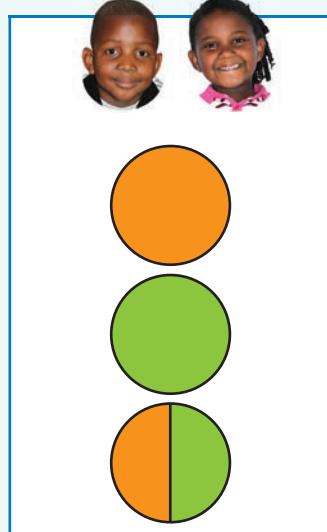


Taka dikarolwana tsa bona tsa phae kaofela.





Arolela bana bana dikarolwana tsa bona,
ka ho thala mola mme o o tlotse ka mmala.



Metswalle e 5 e arolelana dipompong tsa diliqurice ka ho lekana.

E mong le e mong o tla fumana tse kae?

Potso e reng?

Ke dipalo dife?

Etsa setshwantsho.

Metswalle e tsheletseng e arolelana dipompong tse 9 tsa diliqurice ka ho lekana.

E mong le e mong o tla fumana tse kae?

Potso e reng?

Dipalo ke dife?

Etsa setshwantsho.



93

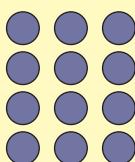


Letsatsi:

Kotara 3

Ho arolelana dikarolwana

Dibadi tse 12 ke tsena



Re metswalle e mmedi. Re na le setshela se le seng feela se arotsweng dikarolo tse pedi.

Re re ena ke halofo.



Re re ena ke halofo.

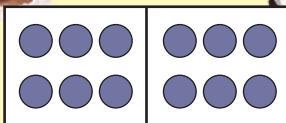


Re arolelana dibadi tse leshome le metso e mmedi.

Ke fumana dibadi tse tsheletseng.



Ke fumana dibadi tse tsheletseng.



Etsa setshwantsho sa dintho tse latelang mme o arabe dipotso.

Dibolo tse robong di arolelwa metswalle e meraro.



- Ngwanana e mong le e mong o tla fumana dibolo tse kae?
- Ngwanana e mong le e mong o tla fumana karolwana e kae?

Dibolo tse leshome le metso e mmedi di arolelwa metswalle e mene. Metswalle e meraro ke bashanyana.



- Ngwanana e mong le e mong o tla fumana dibolo tse kae?

- Moshanyana e mong le e mong o tla fumana karolwana e kae?

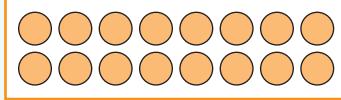


Mandla o tla fumana karolwana e kae?
Lisa o tla fumana karolwana e kae?

Lebitso la ka ke Mandla.



Lebitso la ka ke Lisa.

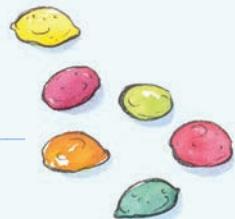




Ho arolelana dipompong.



Metswalle e meng e arolelana dipompong tse ding. E mong le e mong o fumana dipompong tse $\frac{1}{2}$ (halofo) ya pakete.



a. Ba tshwanelo ho arola dipakete tse kae tsa dipompong dipakeng tsa:

metswalle e 4? _____

metswalle e 6? _____

metswalle e 9? _____

b. Ke metswalle e mekae e ka arolelanang:

dipakete tse 4? _____

dipakete tse 10? _____

dipakete tse $\frac{1}{2}$? _____



Dikete tsa ho tantsha.

Bomme le bonkongo ba roka dikete tsa ho tantsha.



Ba hloka dimitha (m) tse $2\frac{1}{2}$ tsa lesela bakeng sa sekete se le seng.

Lesela le ja Rb mitha o le mong.

a. Ba ka kgona ho etsa dikete tse kae ka?

5 m _____

10 m _____

20 m _____

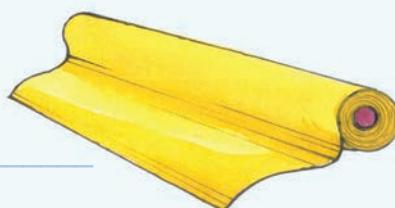
25 m _____

b. Ba hloka lesela le lekae ho etsa?

2 dikete _____

3 dikete _____

4 dikete _____



c. Lesela leo ba le sebedisang le ja bokae bakeng sa?

Sekete se 1 _____

Dikete tse 2 _____

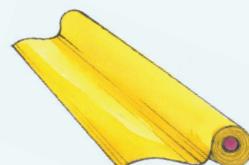
Dikete tse 3 _____

d. Ba ka roka dikete tse kae ka:

R450 _____

R825 _____

RI80 _____



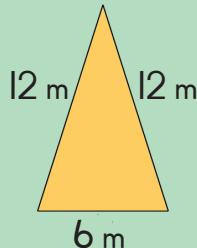
q4

Sebakaho potoloha ntho

Letsatsi:

Kotara 3

Pherimitha ke lentswe le bolelang bolelele kapa sebaka ho potoloha ntho.



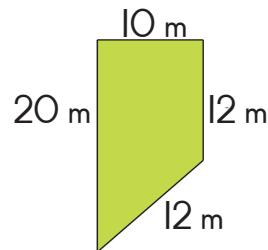
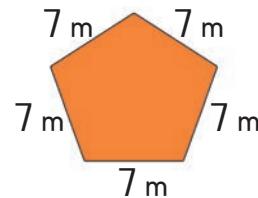
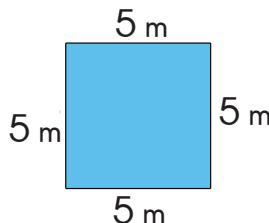
Mopolasi o na le poloto ya sebopeho sa kgutlotharo.

Re ka fumana pherimitha ya poloto ya hae ka ho kopanya bolelele ba mahlakore.

$$\text{Pherimitha ya} = 12 \text{ m} + 12 \text{ m} + 6 \text{ m} = 30 \text{ m}$$



Fumana dipherimitha tsena.



Tshingwana ya Sellwane.

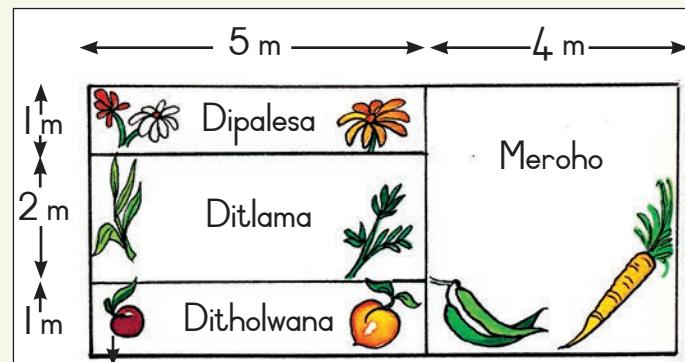
Sellwane o etsa taekeramo ya tshingwana eo a batlang ho jala ho yona.

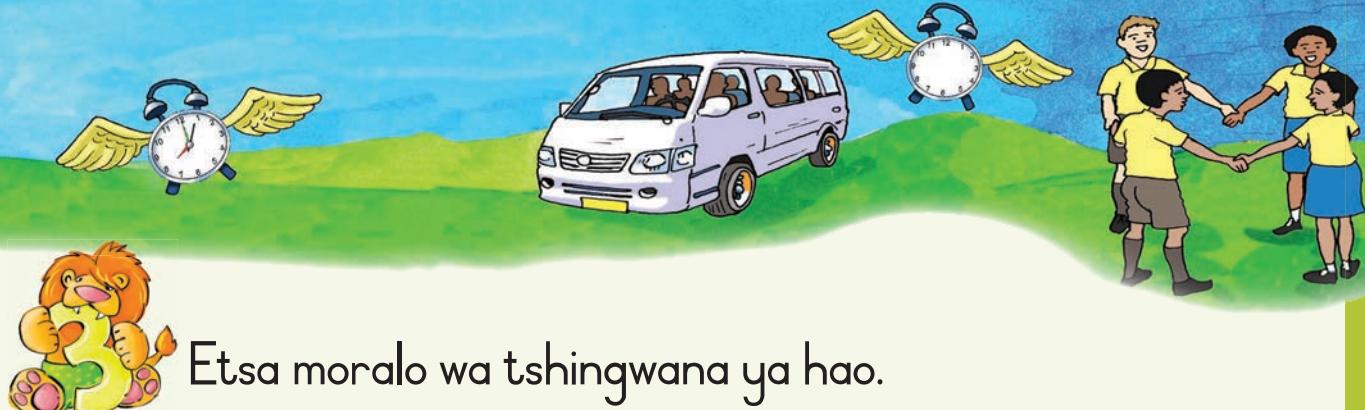
a. Pherimitha ya sebaka seo a batlang ho jala ditlama ho sona ke bokae? _____

b. Ke dikarolwana dife tse pedi tse nang le pherimitha e lekanang? Pherimitha ke bokae?

_____ o na le pherimitha ya _____ m.

c. O batla ho kenya fense ho potoloha tshingwana yohle. Fense e ja R50 mithara o le mong. Fense e tla ja bokae? _____





Etsa moralo wa tshingwana ya hao.

Sebedisa papetla ya pampiri ho tswa ho tse sewang tsa 7 ho etsa moralo wa tshingwana ya hao. Bontsha sebaka sohle seo o se methileng le hore o tlilo jala eng ho sona.



Didikadikwe tsa ho metha.

Sebetsa le motswalle.

Disebediswa: dintho tse tjhitja tse 10 tsa boholo bo fapaneng jwaloka poleiti, galase, theipi e kgomarelang, sekwahelo sa botlolo, mohala le sekere.

1. Kgetha e nngwe ya dintho tse sedikadikwe ho e metha ka kgwele.
2. Seha sekotwana sa kgwele sa bolelele bo lekanang ho potoloha ntho hantle.
3. Jwale nka yona kgwele eo o e otlolle ho tloha lehlakoreng le leng la sedikadikwe ho ya ho le leng.
4. Etsa sena le ka sedikadikwe se seng.
5. Ngola seo o se hlokomelang.



Sebaka ho potoloha sedikadikwe se bitswa hore ke sekhanferense.	
Sebaka ho tloha lehlakoreng le leng le le leng la sedikadikwe se bitsa daemetha.	



Teacher:
Sign:

Date:

q5a

Letsatsi:

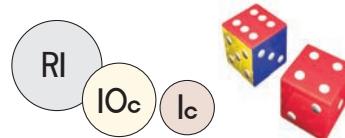
Tjhelete ya kgwebo

Kotara 3

Bapala papadi ena le motswalle.

Disebediswa:

RIOO RIO



DiRIOO	DiRIO	DiRIo	IOc	Ic

Boto ya tjhelete (Tse sewang ho 8), Pampiri le pensele, mataese a mabedi, tjhelete ya ho bapala (ho tswa ho tse sewang ho 9): RIOO le RIO tsa pampiri; RI, IOc le Ic tsa dikhoine.

Beha Boto ya Tjhelete hodima tafole.

Boto e na le dikarolo tse 5 e leng ho tloha lehlakoreng le letshehadi ho ya ho le letona, RIOO, RIO, RI, IOc. le I sente. Bakeng sa papadi ena re sebedisa dikholumo tsa pele tse 3.



Kopanya ho fihla ho diranta tse 100.

- Sebapadi se seng le se seng se fumana nako ya ho theta letaese. Kopanya dipalo tse pedi mmoho.
- Nka palo eo ya khoine ya RI o di behe karolwaneng ya RI e botong.
- Hang feela ha o na le di RI tse leshome di fetole ho di etsa RIO ya pampiri.

- Ya qetang pele ho bokella diRIO tsa pampiri mme a di fetolela ho RIOO ke yena mohlodi.

- Dikotlo:** Haeba sebapadi se qeta nako ya sona ya ho bapala mme se lebala ho fetolela RI ya dikhoine ho RIO ya pampiri, mme sebapadi se seng sa hlokomela phoso ena, kotlo ke RI.

Haeba sebapadi se lebala ho fetolela di RIO ho di isa ho RIOO, o tshwanela ho lefa sebapadi se seng RIO ya kotlo.



Tlosa ho tloha ho RIOO ho fihla ho RO.

Bapala papadi e tshwanang le yena, ntle le hore o qala ka tjhelete ya pampiri ya diRIO, mme o tlose palo ya dipalo tse hlahang letaeseng. Sebapadi se fumanang RO pele ke sona mohlodi.

Di RIOO	Di RIO	Di RI	IOc	Ic



Ho tlosa le ho kopanya ho fihla ho RI OOO.

Kopanya dipalo tsa letaese lekgetlo le leng le leng, mme o tlose palo eo ya diRIO tsa pampiri. Wa pele wa ho fihla ho RI OOO ke yena mohlodi. Kapa qala ka RI OOO, mme lekgetlong le leng le leng tlosa. Sebapadi sa pele sa ho fihla ho RO ke sona mohlodi.



Ho atisa ho fihlela ho RI.

Bapala papadi jwalo ka papadi ya pele, ntle le hore lekgetlong lena ha o theta letaese o fumana palo, nka palo e hlahang letaeseng ka I sente ya khoine. Ha o se o na le tjhelete ya dikhoine ya Ic, e fetolele ho dikhoine tsa IOc. Wa pele wa ho fetolela dikhoine tse IO tsa IOc ho di fetolela ho RI ke mohlodi.



Tlosa disente.

Qala ka RI, mme o tlose lekgetlong le leng le leng. Wa pele ho fumana O ke yena mohlodi.



Teacher:
Sign:
Date:

95b

Letsatsi:

Ha re ye ho ya reka!

Kotara 3



Dikatiba tsa theko e theotsweng.

Lebenkele le rekisa dikatiba ka ditheko
tse 5 tse fapaneng.



							Kaofela
Katiba ya a		R20	R20	R20	R20	R20	R120
Katiba ya b		R25	R25	R25	R25	R25	
Katiba ya c		R50	R50	R50	R50	R50	
Katiba ya d		R75	R75	R75	R75	R75	
Katiba ya e		R100	R100	R100	R100	R100	

a. Fumana boleng ba dikatiba moleng o mong le o mong.

b. Mazondo o reka mofuta o l wa katiba.

O lefile bokae kaofela? _____

c. Buti o sebedisa R450 kaofela. O reka katiba e le nngwe ka R100.

Hlahloba!
Bapisa!
Lokisa!

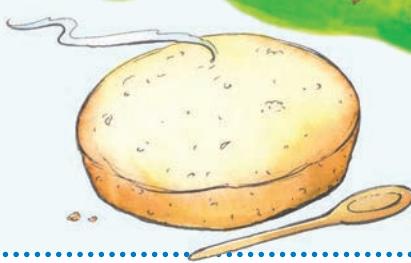
O reka dikatiba dife tse ding hape? Bontsha dikarabo tse pedi tseo e leng tsona
tse nepahetseng.

Karabo 1	Karabo 2



Lebakeng.

Musa o sebedisa risepe ena ho etsa kuku ya sepontjhe.



Risepe ya kuku ya sepontjhe

Bakeng sa ho etsa kuku: 40 g folouru ya self-raising; 3 mahe; 50 g aësingshuka

Bakeng sa ho tlotsa ka hodimo: 140 ml kerime

a. Sebetsa hore Musa o tla hloka tse kae ho baka dikuku tse 6.

Kuku	Folouru	Mahe	Aësingshuka	Kerime
1	40 g	3	50 g	140 ml
2				
3				
4				
5				
6				

b. Tshwaya (✓) karabo e nepahetseng.

litha e lel ya kerime e ka etsa dikuku tse ka bang: 10, 7, 8



Hlahloba!
Bapisal!
Lokisa!



Dipalo tse potlakileng.

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



qb

Letsatsi:



Ditaba tse ding

Kotara 3



Seteisheneng sa maponesa.

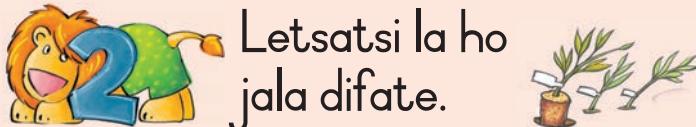
Maponesa a mahlano a etsa mesebetsi e fapaneng. Ba hokae hajwale?

	Ba ka dikantorong	Ba paterolang	Ba Lekgotleng la Dinyewe
Serufe			x
Maria	x		
Sam	x		
Amos		x	
Dudu			x

Ngola mabitso a maponesa a ka: dikantorong? : Ba ka dikantorong _____

Ba paterolang? _____

Ba ka dikantorong? _____



Dikolo tse hlano di phehisana ka hore ke sefe se tla jala difate tse ngata ka Letsatsi la ho jala difate. = IO difate

Klipspruit	
Mthonjeni	
Sonskyn	
Thuthong	
Mosiba	

Ke difate tse kae kaofela tseo sekolo se di lemmeng?

Klipspruit	Mthonjeni	Sonskyn	Thuthong	Mosiba

Sekolo se le seng se jetse difate tse kae? _____



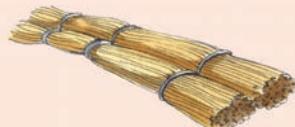
Ke mofuta ofe wa marulelo?

Shehlopha sa Kereiti ya 3 se etsa diphuputso motseng.

Se batla ho fumana hore ke mefuta efe ya marulelo matlong a fapaneng.

Ba bontsha sephetho sa diphuputso tsa bona ka mokgwa wa kerafong ena ya diboloko.

Ba etsa letshwao la (✓) ntlong e nngwe le e nngwe eo ba e bonang.



Dithaelese	✓	✓	✓	✓	✓	✓					
Jwang	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lepolanka	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Maseneke	✓	✓	✓	✓	✓	✓	✓	✓	✓		

Ba bona mefuta e mekae ya marulelo a mang le a mang?

Dithaelese _____ Jwang _____ Lepolanka _____ Maseneke _____

Ke marulelo afe a ratwang haholo? _____

Ke marulelo a makae ao ba a badileng kaofela? _____



Disaese tsa dikatiba.

Bashanyana ba sekolo sa Juma ba rwala dikepisi.

Dikepisi ke tsa disaese tse fapaneng tsa 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 hore moithuti e mong le e mong o rwala kepisi ya saese efe.

2 _____ 3 _____ 4 _____

Saese e rwalwang haholo ke efe? _____

Hlahloba!
Bapisal!
Lokisa!



97

Letsatsi:

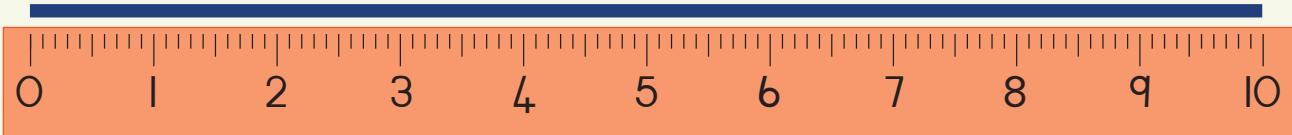
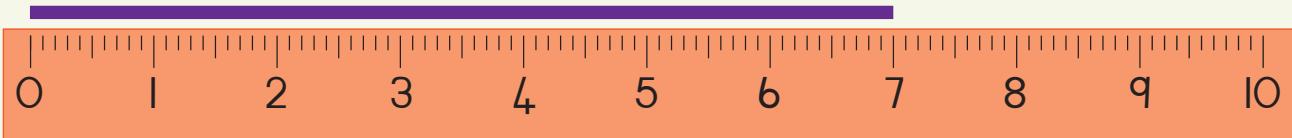


Ho sebetsa ka disentimithara

Kotara 4



Mola o tlotsitsweng ka mmala o bolelele bo bokae?



Qala pele ka ho lekanya o nto metha mela.
Qetela papetla.

Mola	Tekanyo	Mometho	Phapang dipakeng tsa ho lekanya le ho metha



Sebedisa rula ho taka mela e latelang.

a. 10 cm

b. 7 cm

c. 15 cm



Bolela hore na o tla metha tse latelang ka dimitara kapa disentimitara.

a. Bolelele ba buka _____

b. Bophahamo ba lemati _____

c. Bolelele ba pensile _____

d. Bolelele ba hao _____

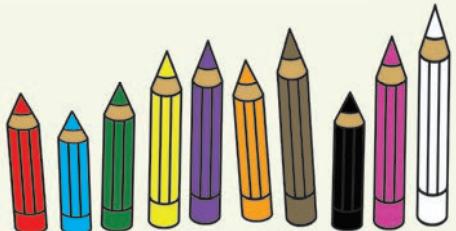
e. Bolelele ba monwana wa hao _____

Hopola mantswe a makgutshwane (dikgutsufatso) tseo re di sebedisang ho ngola sentimitara (cm) le mitara (m)



Hara selemo o sebedisitse dipensele tsa hao tsa mebala
Bolelele ba dipensele tsa hao e ne e le 15 cm pele o di sebedisa.

Kamora ho e sebedisa pensile e kgubeduke 7 cm, e bolou ke 5 cm, e tala ke 6 cm, e tshehla ke 11 cm, e phephole ke 12 cm, e lamunu ke 9 cm, e sootho ke 14 cm, e ntsho ke 8 cm, e pinki ke 13 cm mme e tshweu ke 15 cm.



- Ke pensile efe eo o e sebedisitseng haholo? _____
- Ke pensile efe eo o e sebedisitseng hannyane ho feta? _____
- Ngola bolelele ba dipensele tsa ha oho tloha ho e kgutshwane ka ho fetisia ho isa ho e telele ka ho fetisia _____



98

Letsatsi:



Kotara 4

Dipalo ho

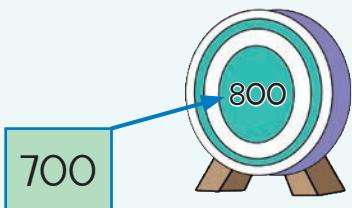
tloha ho 700 ho fihla ho 800



Bala o ngole.

- a. Sebedisa ditjhate tse latelang ho bala ho tloha ho 700 ho fihla ho 800. Bitsetsa dipalo hodimo ha o ntse o tswela pele ho bala.

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



- b. Ngola dipalo tse siilweng papetleng e ka hodimo.

- c. Ngola dipalo tse 10 tse tlang ka mora 750.

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

- d. Ngola palo e hlahang pela 8 pateroneng ya dipalo tsa 2.

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

- e. Ngola dipalo kaofela tsa paterone ya 2 ho tloha ho 751 ho fihla o 773.

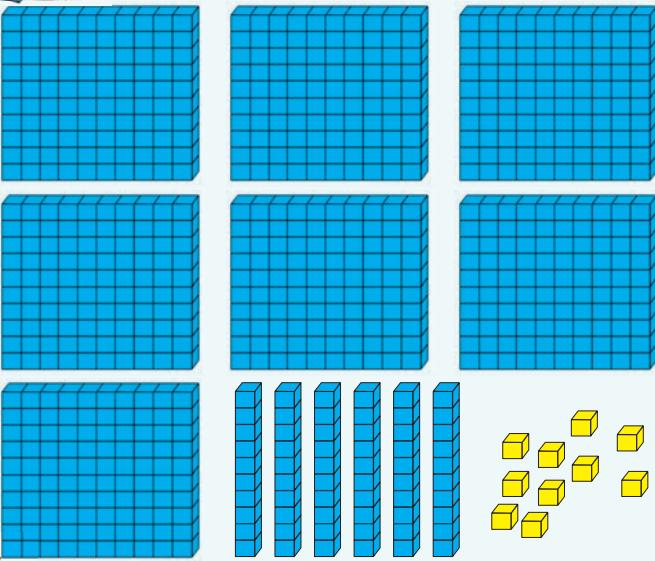
751; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 773

- f. Ngola dipalo tse 8 tse latelang dipateroneng tsa dipalo tsa 5.

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



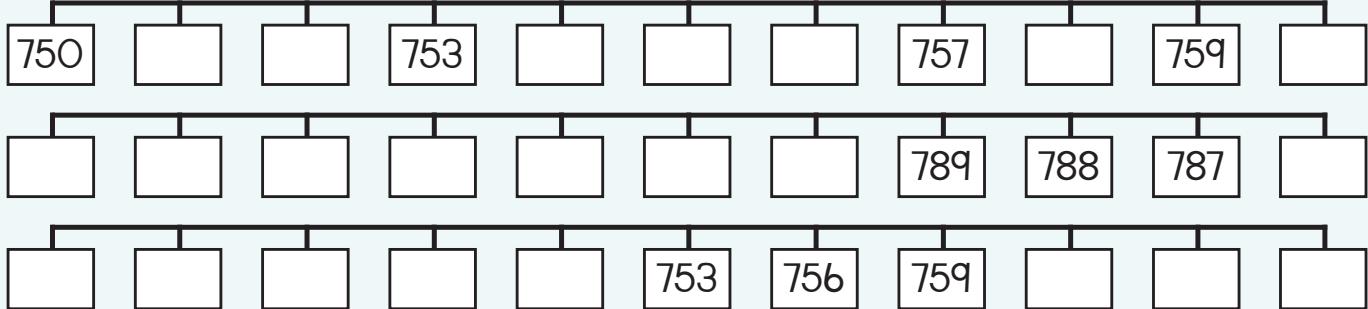
O badile diboloko tse kae?



O badile diboloko jwang?



Qetela melapalo.



Qetela
papelala.

Ngola ho tloha ho tse
nnyane ho ya ho tse kgolo Ngola ho tloha ho tse
kgolo ho ya ho tse nnyane

776, 772, 779, 770, 778

736, 703, 730, 713, 703



Ngola tsena ka mantswe.

788

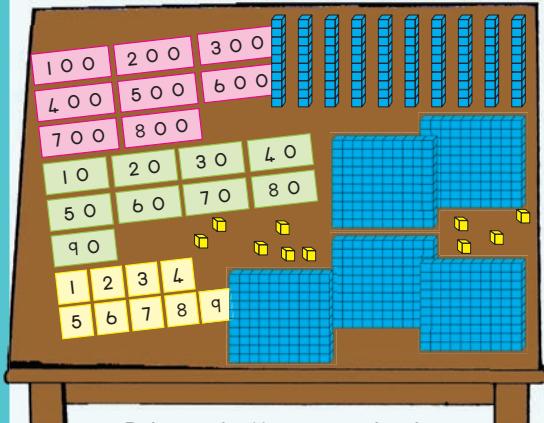
Teacher:
Sign:
Date:

qq

Letsatsi:

Dipalo ho tloha ho 700 ho ya ho 800

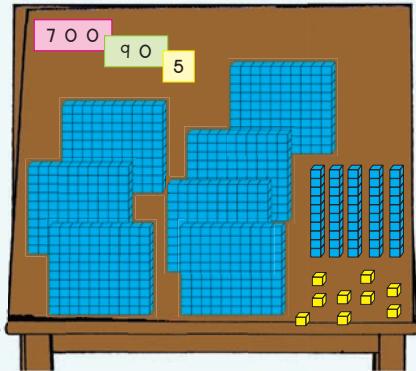
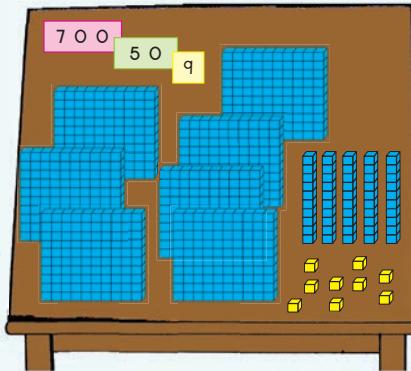
Kotara 4



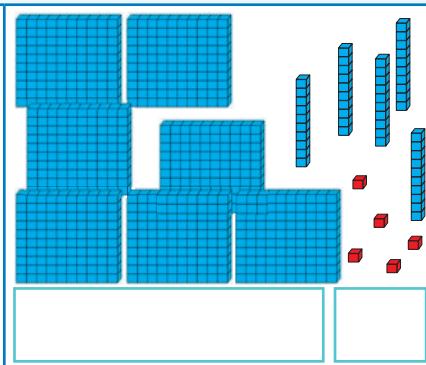
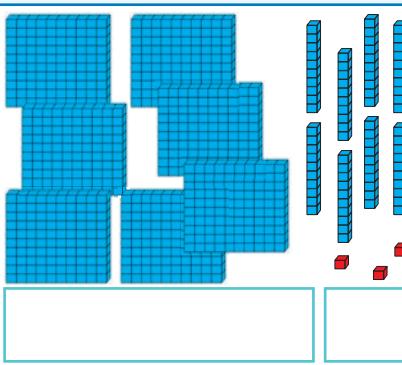
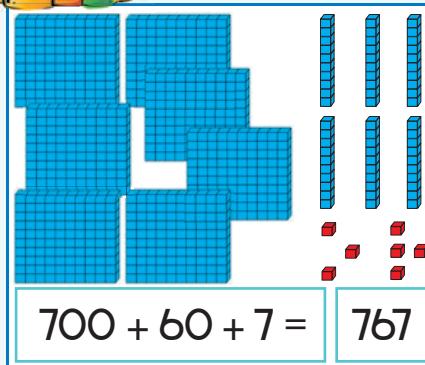
Pule o na le dikarete tse latelang
tsa boleng ba sebaka dikareteng le
dibolokong tse leshome tse qalang

Titjhere o laela Pule ho bontsha
759 ka dikarete tsa hae le ka
dibolokong.

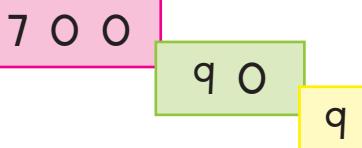
Sena ke seo Pitso a se
bontshitseng. Ke sefe se phoso
seo a se entseng?



Ngola palo ya polelo mme o arabe.



Ngola palo ya polelo mme o arabe.



$$700 + 90 + 9$$

=



$$500 + 50$$



$$60 + 5$$



Qetela molapalo.



789	790	791								799
-----	-----	-----	--	--	--	--	--	--	--	-----

Fana ka dipalo kaofela tse nnyane ho 795.

Fana ka dipalo kaofela tse kgolo ho 795.



Tlatsa ka <, > kapa =

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

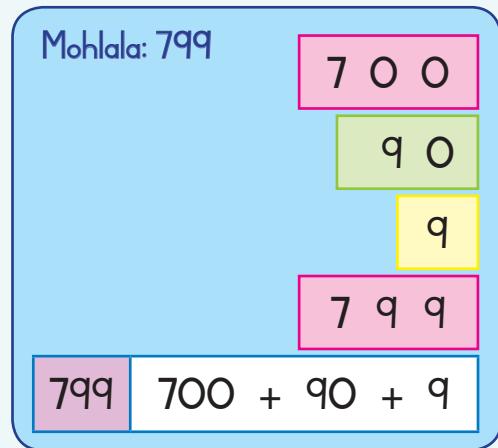


Qhaqholla palo.

a. Bopa palo e nngwe le e nngwe ka dikarete tsa hao.

b. Ngola boleng ba karolo e nngwe le e nngwe. Jwale etsa sena: Qhaqholla palo ya hao.

790	
689	
699	
755	
690	



Ngola mabitso a dipalo.

668	
757	
799	
742	
691	



100



Letsatsi:

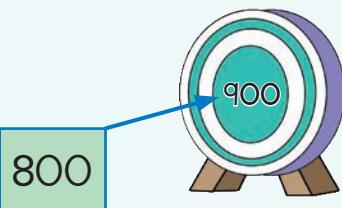
Dipalo ho tloha ho 800 ho ya ho 900

Kotara 4



Bala o ngole.

- a. Sebedisa ditjhate tse latelang ho bala ho tloha ho 800 ho fihla ho 900. Bitsetsa dipalo hodimo ha o ntse o tswela pele ho bala.



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

- b. Ngola dipalo tse siilweng papetleng e ka hodimo.

- c. Ngola dipalo tse 10 tse hlahang ka mora 800.

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

- d. Ngola dipalo tse latelang tse 8 pateroneng ya 2.

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

- e. Ngola dipalo kaofela tsa paterone ya 2 ho tloha ho 807 ho fihla ho 829.

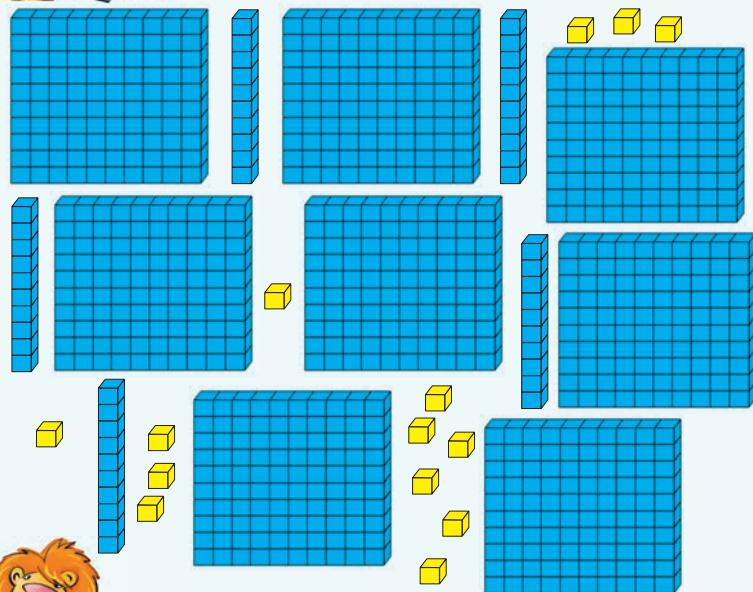
807; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 829

- f. Ngola dipalo tse 8 tse latelang tsa paterone ya 5.

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



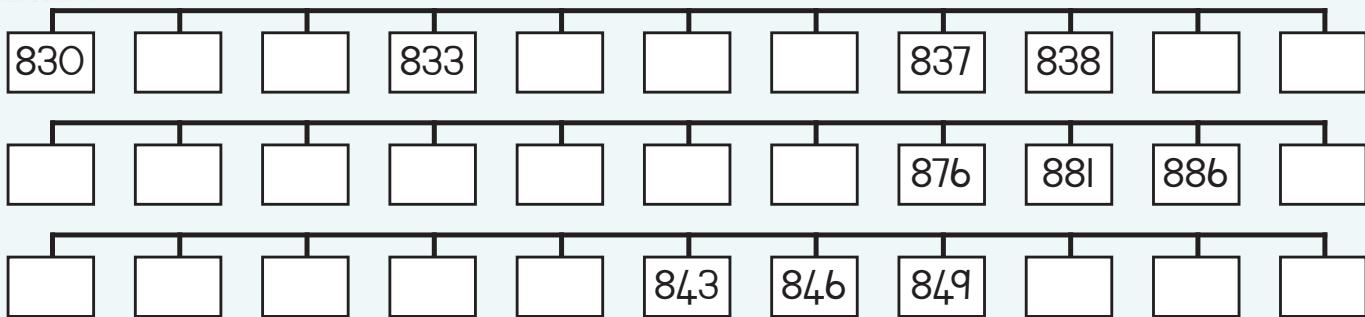
O badile diboloko tse kae?



O badile diboloko jwang?



Qetela melapalo.



Qetela
papelala.

Ngola ho tloha ho tse
nnyane ho ya ho tse kgolo

Ngola ho tloha ho tse kgolo
ho ya ho tse nnyane

856, 853, 855, 851, 857		
-------------------------	--	--

898, 801, 810, 819, 891		
-------------------------	--	--



Ngola dipalo tsena ka mantswe.

845	
-----	--

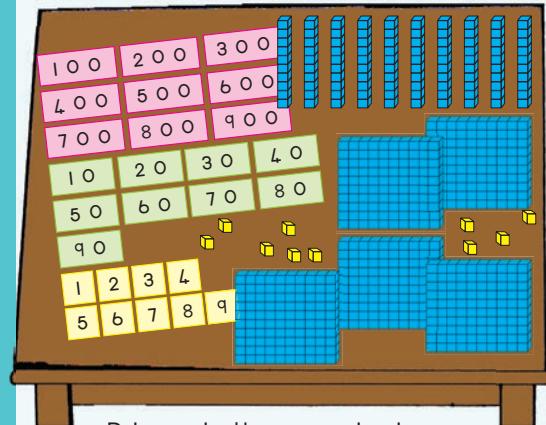
Teacher:
Sign:

Date:

Dipalo ho

tloha ho 800 ho ya ho 900

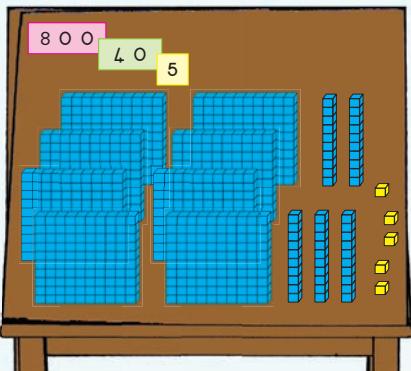
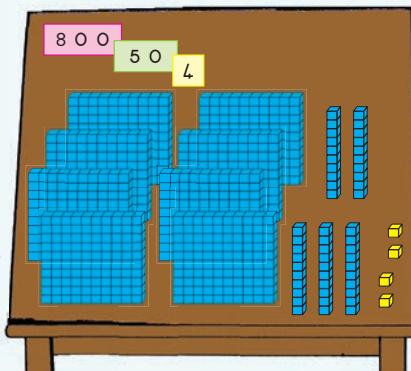
Kotara 4



Pule o na le dikarete tse latelang tsa
boleng ba sebaka dikareteng
le dibolokong tse leshome
tse qalang.

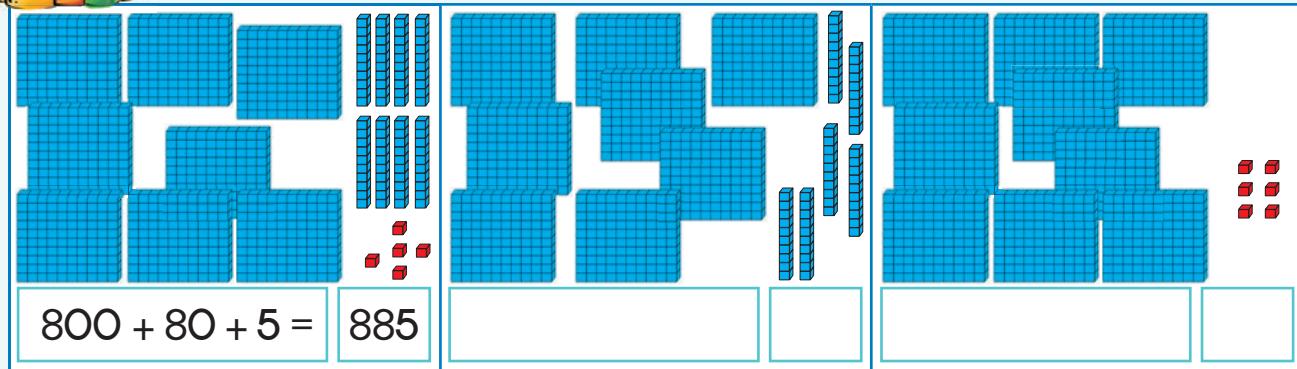


Ngola palo ya polelo mme o arabe.

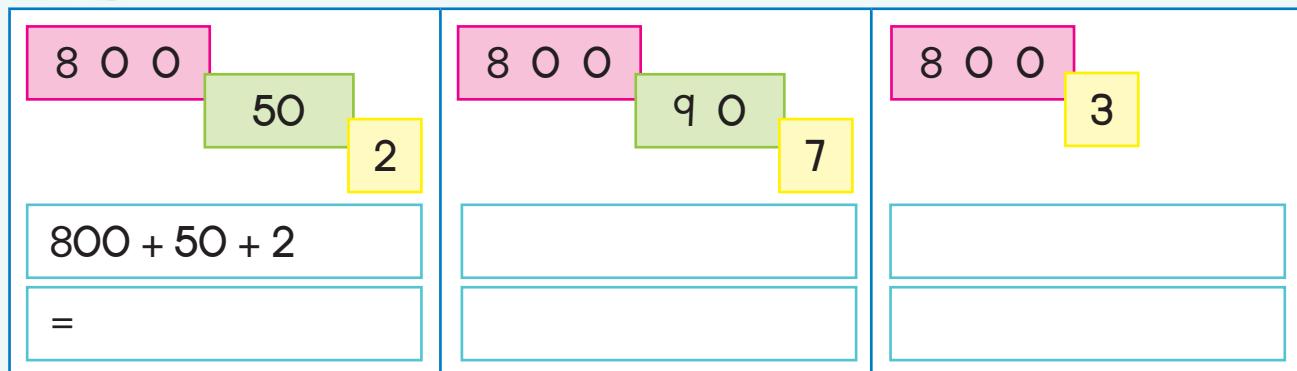


Titjhere o laela Pule ho bontsha
854 ka dikarete tsa hae le ka
diboloko.

Sena ke seo Pitso a se
bontshitseng. Ke sefe se phoso
seo a se entseng?



Ngola palo ya polelo mme o arabe.





Qetela molapalo.

889 890 891 900

Fana ka dipalo kaofela tse nnyane ho 894.

Fana ka dipalo kaofela tse kgolo ho 894.



Tlatsa ka <, > kapa =

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

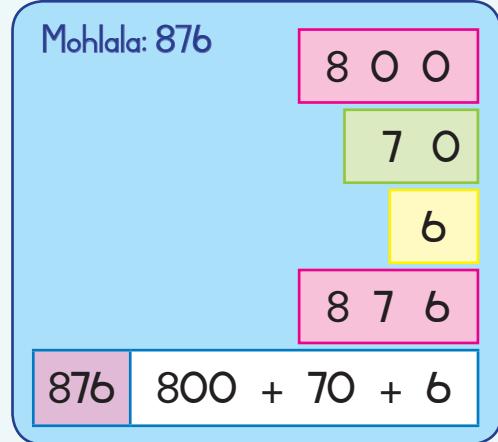


Qhaqholla palo.

a. Bopa palo e nngwe le e nngwe ka dikarete tsa hao.

b. Ngola boleng ba karolo e nngwe le e nngwe. Jwale etsa tsena: Qhaqholla.

890	
889	
802	
855	
840	



Ngola mabitso a dipalo.

889	
825	
803	
830	
899	





Sheba ditshwantsho tse latelang mme o arabe dipotso.



- Na 1 kg ya sesepa sa phofo se hlatswang se boima ho feta sesepa sa 2 kg?

- Ke efe e bobebe haholo: sirele ya hoseng ya boima ba 500 g kapa dibisikiti tsa boima ba 200 g?

- Ke efe e boima haholo: Setlotsasefahleho sa 100 g le pakete e le nngwe ya 1 kg ya setampo?



Re se re methile bokae kaofela?

Ke methile 25 kg, motswalle wa ka o methile 29 kg abuti wa ka o methile 45 kg.



Re methile bokae kaofela?

Sehlahiswa sa pele se methile 1 kg 500 g, sehlahiswa sa bobedi sa metha 3 kg 500 g le sehlahiswa sa ho qetela sa metha 2 kg 500 g.



Sheba ditshwantsho mme o arabe dipotso.



Nka ngola 3,5 kg jwang ka dikhilokgerama le dikgeramo?



Qetela papetla.

Titjhere wa hao o tla o fa dintho tse hlano tseo o tla di sheba. Lekanya boima ba tsona mme o di metha.

Ntho	Tekanyo	Mometho	Phapang dipakeng tsa tekanyo le mometho



Dihlahiswa di metha bokae kaofela?

Sesebediswa sa pele se metha 2 kg 500 g, sa bobedi se metha 1 kg 500 g sa ho qetela se metha 3 kg 500 g.



Ha re methe tse ding hape

Bongata ke ha o metha hore ho na le bongata bo bokae ka hara ntho. Ha ho na le bongata bo boholo, ha ho kgonahale hore o ka phahamisa ntho.

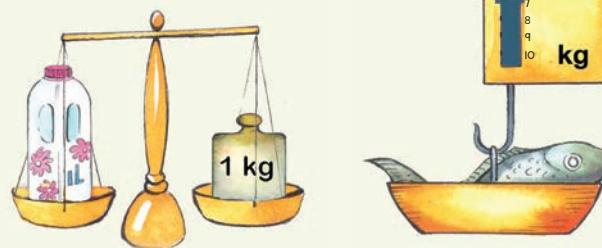
Boima ke ha o metha hore ntho e boima bo bokae ho e phahamisa fatshe. Dintho tse hodimo kgweding di na le boima bo bobewe.

Dinthong tse lefatsheng tseo re di sebedisang letsatsi le leng le leng re sebedisa boima bo tshwanang le ba bongata. Re metha bongata ka **dikhilokgerama** le **dikgerama**.

Dikala tse fapaneng

Sebedisa mefuta e fapaneng ya dikala ho metha boima le bongata.

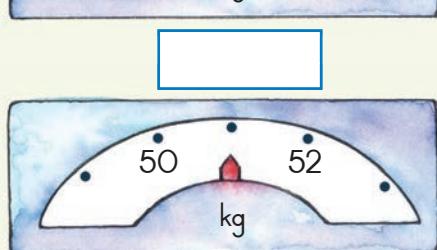
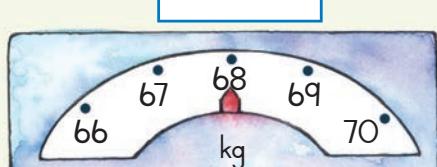
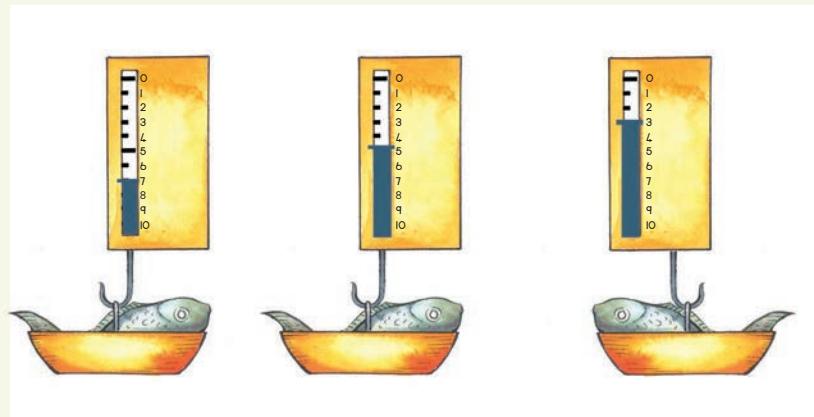
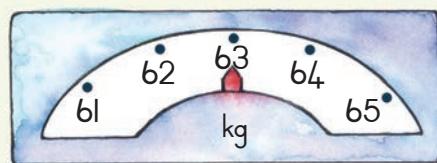
Re metha bongata ka tekatekano ya sekala sa seporing. Litha e le nngwe ya metsi e na le bongata ba 1 kg.



Fumana boima ba tsona.

Ngola boima ka di kg tse bontshitsweng leqepheng ka leng la dikala tsa seporing.

Tlhapi ena e na le boima ba 3 kg





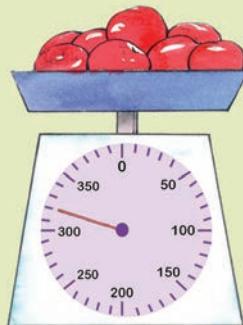
Sebedisa dikgeramo ho

Bekga bongata ba dintho tse nnyane tse bobebé le ho
metha dikarolwana tsa kgilokgeramo

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

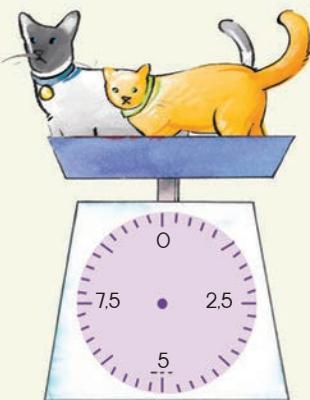
Sekaleng sena sa seporing, mola o mong le o mong o
monyane o metha boima ba **dikgeramo tse 10**.

Ditamati di na le boima ba 320.

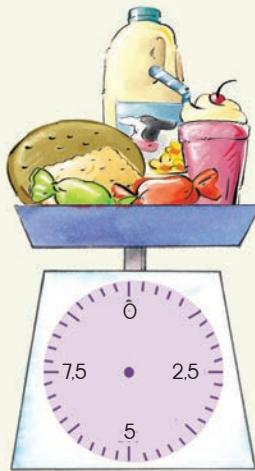


Di bekga bokae?

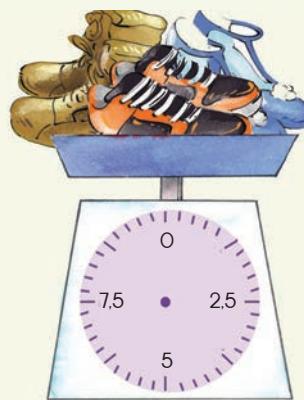
Taka moo lenaka le tshwanelang ho supa teng nako le nako.



7 kg



4 kg



6 kg



Etsa kilokgeramo.

Kopanya ho etsa 1 kg (1 000 g).

a. $125 \text{ g} + 250 \text{ g} + 125 \text{ g} + \underline{\hspace{2cm}} \text{ g} = 1000 \text{ g} (1 \text{ kg})$

b. $50 \text{ g} + 30 \text{ g} + 240 \text{ g} + 60 \text{ g} + 100 \text{ g} + \underline{\hspace{2cm}} = 1 \text{ kg}$

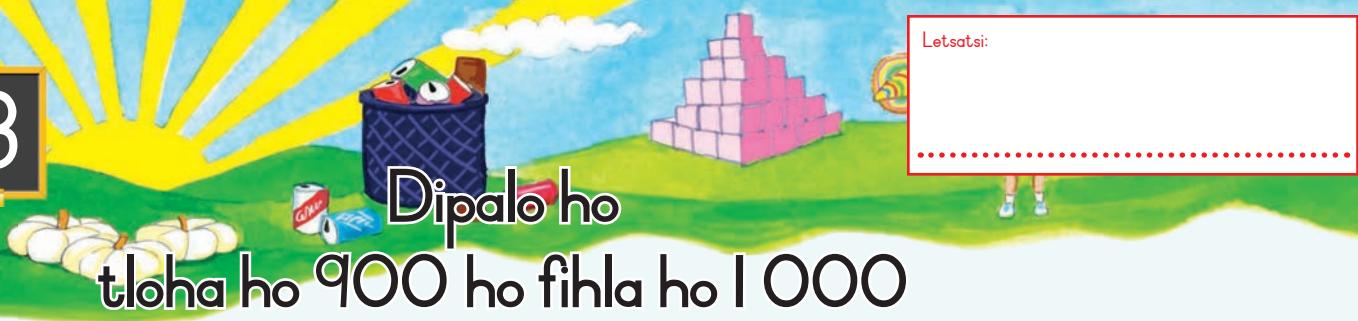
c. $57 \text{ g} + 46 \text{ g} + 243 \text{ g} + 334 \text{ g} = \underline{\hspace{2cm}} = 1000 \text{ g} (1 \text{ kg})$

d. $50 \text{ g} + 90 \text{ g} + 160 \text{ g} + \underline{\hspace{2cm}} = 1000 \text{ g} (1 \text{ kg})$



Teacher:
Sign:

Date:



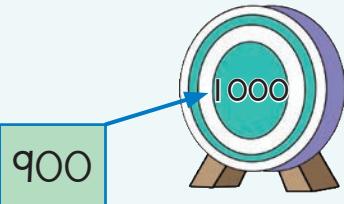
Dipalo ho tloha ho 900 ho fihla ho 1 000

Kotara 4



Bala o ngole.

- a. Sebedisa ditjhate tse latelang ho bala ho tloha ho 900 ho fihla ho 1 000. Bitsetsa dipalo hodimo ha ontse o tswela pele ho bala.



901		903						910
							919	
981								
991							999	

- b. Ngola dipalo tse silweng papet leng e ka hodimo.
c. Ngola dipalo tse 10 tse tlang ka mora 900.

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

- d. Ngola dipalo tse 8 tsa paterone ya 2.

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

- e. Ngola dipalo kaofela tsa paterone ya 2 ho tloha ho 945 ho fihla ho 967.

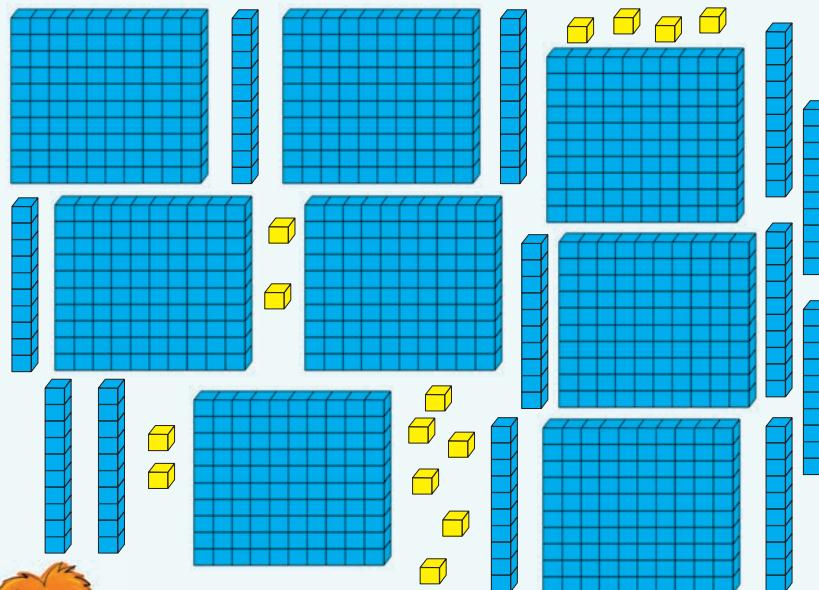
945; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 967

- f. Ngola dipalo tse 8 tse latelang tsa paterone ya 5.

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



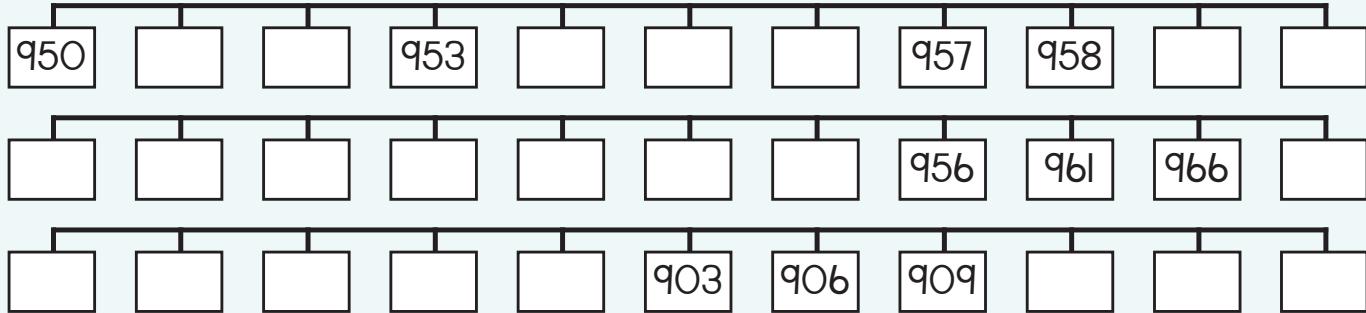
O badile diboloko tse kae?



O badile diboloko jwang?



Qetela molapalo.



Qetela
papelha.

Ngola ho tloha ho tse
nnyane ho ya ho tse kgolo

Ngola ho tloha ho tse kgolo
ho ya ho tse nnyane

936, 933, 935, 931, 937

978, 907, 970, 917, 971



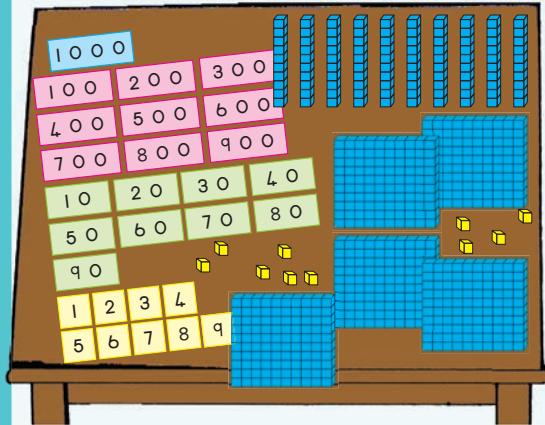
Ngola dipalo tsena ka mantswe.

695

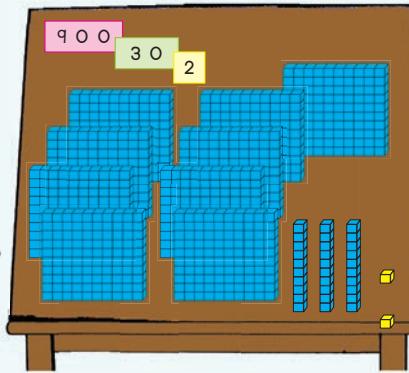
Teacher:
Sign:
Date:

Dipalo 900 ho fihla ho 1 000

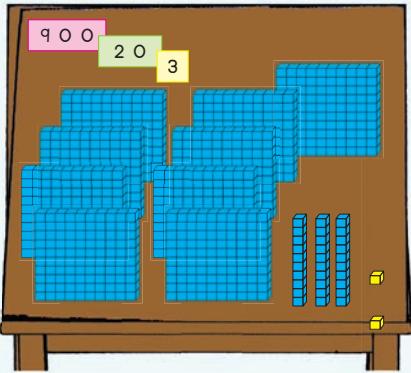
Kotara 4



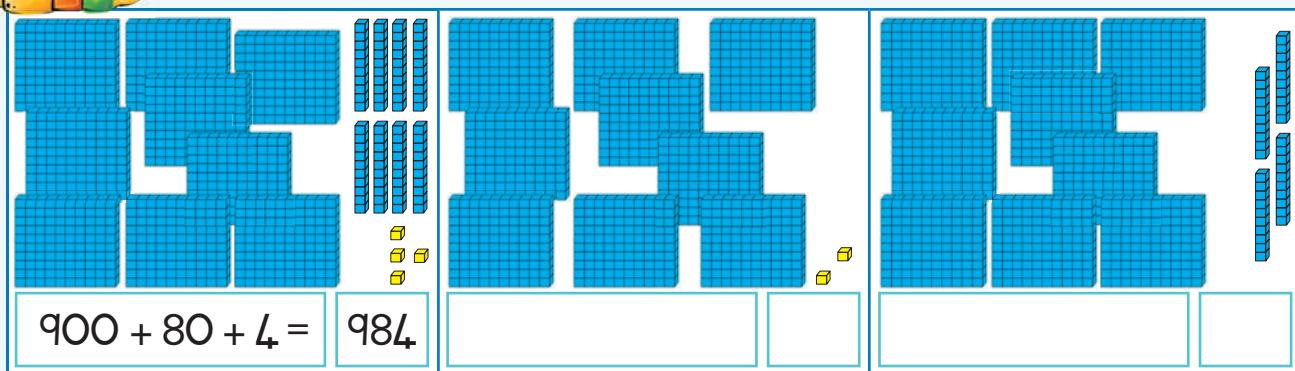
Tijhere o laela Andile ho
bontsha palo ya 932 ka dikarete
tsa hae le ka diboloko.



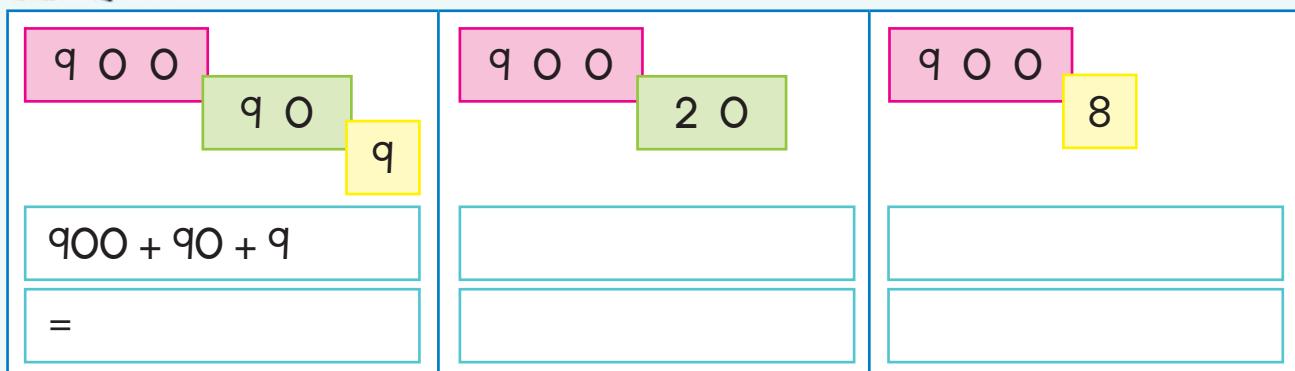
Sena ke seo Gugu a se bontshitse
Ke sefe se fosahetseng seo a se
bontshitseng?



Ngola palo ya polelo mme o ngole karabo.



Ngola palo ya polelo mme o ngole karabo.





Qetela molapalo.

989 990 991 999

Fana ka dipalo kaofela tse nnyane ho 995. _____

Fana ka dipalo kaofela tse kgolo ho 995. _____



Tlatsa ka <, > kapa =

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

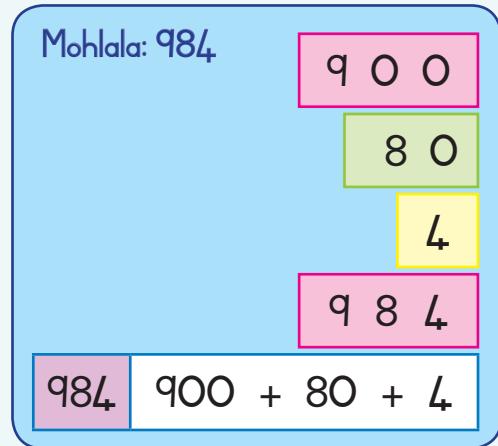


Qhaqholla palo ya hao.

a. Bopa palo e nngwe le e nngwe ka dikarete tsa hao.

b. Ngola boleng ba **karolo** e nngwe le e nngwe. Jwale etsa tsena: Qhaqholla palo ya hao.

922	
959	
980	
907	
931	



Ngola mabitso a dipalo.

976	
905	
950	
821	
909	



105



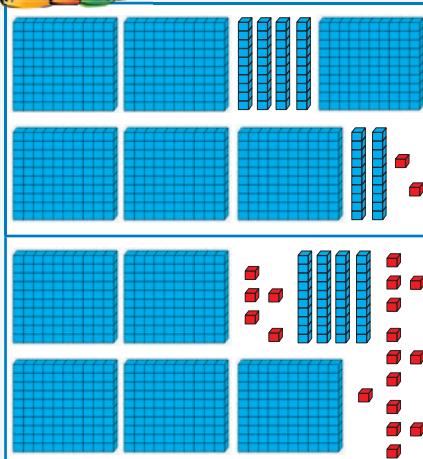
Letsatsi:

Ho kopanya le ho tlosa ho fihla ho qqq

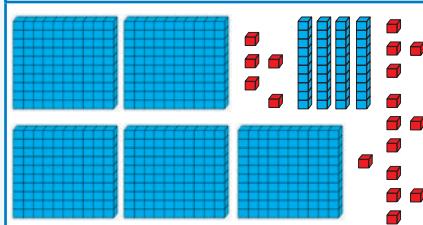
Kotara 4



Ngola palo ya polelo bakeng sa e nngwe le e nngwe.



Hlalosa hore o badile diboloko jwang.



Hlalosa hore o badile diboloko jwang.



Sebedisa mehlala ho o tataisa.

5 0 5 0 50 habedi ke 100

3 0 0 3 0 0

2 0 0 2 0 0

3 3



Sebedisa phetapheto habedi e haufi ho rarolla tsena.

Sebedisa mehlala ho o tataisa.

a. $43 + 44 =$	pheta 43 + 1 habedi	$43 + 43 + 1 = 87$
b. $81 + 41 =$		
c. $40 + 41 =$		
d. $66 + 67 =$		



Sebedisa ho pheta
habedi kapa phatapheto e haufi ho rarolla
tsena. Sebedisa mehlala ho o tataisa.

a. Pheta 340 habedi

$$= 340 + 340$$

$$= \text{Pheta } 340 \text{ habedi}$$

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

$$= 600 + 80$$

$$= 680$$

b. $340 + 341$

$$= \text{Pheta } 340 \text{ habedi} + 1$$

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

$$= 600 + 80 + 1$$

$$= 681$$

c. $470 + 470$

d. $461 + 462$



Rarolla tse latelang:



Sehlopha sa Kereiti ya 2 se bokelletse dimabole tse 360.

Sehlopha sa Kereiti ya 3 se na le dimabole tse 216 se fetwa ke sa Kereiti ya 2.

Ke dimabole tse kae tseo sehlopha sa Kereiti ya 3 se nang le tsona?



Teacher:
Sign:
Date:



Mabapi le ka lapeng

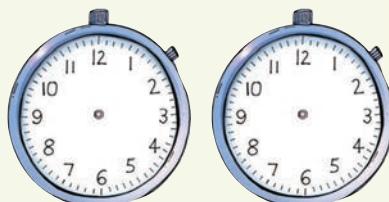
Kotara 4



Letsatsi la ho baka dikuku.

Rakgadi Phindi o baka borotho ka ontong ya hae.
Sheba dinako watjheng tsena.

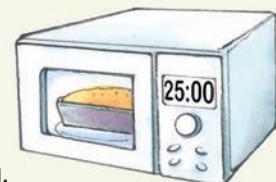
O kenya borotho ka ontong ha nako e le
metsotsso e leshome le metso e mehlano ka
mora hora ya 4.



O ntsha borotho ka metsotsso e mehlano kamora hora ya bohlano.

Ho nkile nako e kae hore borotho di butswe? _____

Mme wa Ann o sebedisa makroovene. E baka ka potlako.



Hajwale nako ke 16:30. Sheba nako ya ho pheha e setuweng maekeroweiving.

Borotho bo tla loka neng? _____

Makroovene o sebetsa kapele hakae ho fet'a dionto tse ding? metsotsso e? _____ .

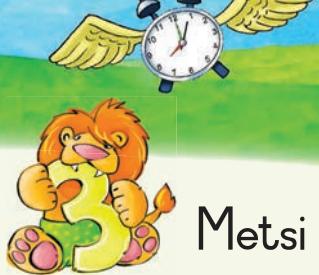


Mesebetsi ya
hoseng.



Moqebelo hoseng Musa le Palesa ba thusa mme wa bona
ka lapeng. Mosebetsi o mong le o mong o nka nako e kae?

	Qala	Qetela	Nako e kae?
Lokisa dijo tsa borakafese	6:15	6:40	
Hlatswa dijana	7:20	8:05	
Hlwekisa kitjhene	8:20	9:15	
Hlwekisa phaposi ya ho hlapela	10:00	10:25	
Hlwekisa phaposi ya ho rwabala	11:30	12:15	



Metsi le Tshingwana.

Lethopo la metsi le ka sebedisa **dilitha tse 30** tsa metsi ka motsotso o le !!

Ke dilitha tse kae tsa metsi tseo lethopo la metsi le ka di sebedisang ka:

Metsotso e 2 dilitha tse _____.

Metsotso e $2\frac{1}{2}$ dilitha tse _____.

Metsotso e 5 dilitha tse _____.

Metsotso e 10 dilitha tse _____.



Kheri e phehang.

Ntate wa Babu o etsa le ho rekisa kheri. Ka beke e le nngwe, o sebedisa 750 ml ya oli.

O ngola hore o sebedisitse oli e kae letsatsi le leng le leng.

Man	Labob	Labor	Labon	Labohl	Moqeb	Sont
98 ml	122 ml	108 ml	117 ml	109 ml	135 ml	?

a. O sebedisa ml tse kae tsa oli ho tloha Mantaha ho fihlela Moqebelo? _____ ml

b. O sebedisitse ml tse kae tsa oli ka Mantaha ho fihlela ka Sontaha? _____ ml

c. Botlolo e le nngwe ya oli ya 750 ml e ja R18,50.

Dibotlolo tse 4 di ka ja bokae? _____

Hlahloba!
Bapisal!
Lokisa!



Ho sebetsa ka tjhelete

Kotara 4



Bala tjhelete ya dikhoine le ya pampiri.

$10 \times \text{R}10 = \text{R } \underline{\hspace{2cm}}$	$20 \times \text{R}10 = \text{R } \underline{\hspace{2cm}}$	$50 \times \text{R}10 = \text{R } \underline{\hspace{2cm}}$
$10 \times \text{R}20 = \text{R } \underline{\hspace{2cm}}$	$20 \times \text{R}20 = \text{R } \underline{\hspace{2cm}}$	$50 \times \text{R}20 = \text{R } \underline{\hspace{2cm}}$
$10 \times \text{R}50 = \text{R } \underline{\hspace{2cm}}$	$20 \times \text{R}50 = \text{R } \underline{\hspace{2cm}}$	$50 \times \text{R}50 = \text{R } \underline{\hspace{2cm}}$
$10 \times \text{R}100 = \text{R } \underline{\hspace{2cm}}$	$20 \times \text{R}100 = \text{R } \underline{\hspace{2cm}}$	$50 \times \text{R}100 = \text{R } \underline{\hspace{2cm}}$
$10 \times \text{R}200 = \text{R } \underline{\hspace{2cm}}$	$20 \times \text{R}200 = \text{R } \underline{\hspace{2cm}}$	$50 \times \text{R}200 = \text{R } \underline{\hspace{2cm}}$
$100 \times \text{R}10 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}50 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}100 = \text{R } \underline{\hspace{2cm}}$
$100 \times \text{R}20 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}100 = \text{R } \underline{\hspace{2cm}}$	

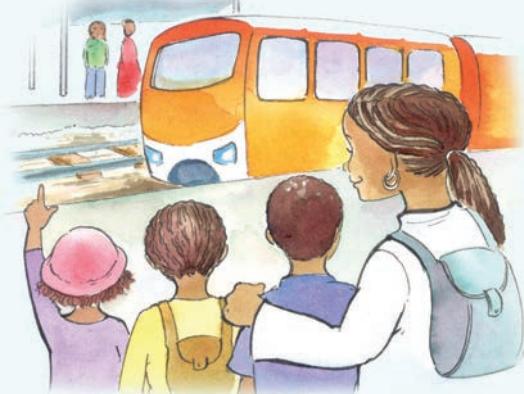


Leeto la terene.

Kgethi le bana ba hae ba 3 ba ilo palama terene.

Batho ba baholo le bana ba lefa ka ho lekana.

Kgethi o lefa ka tjhelete ya pampiri.



O fumana thentjhe ya R30.

Tekete e le I e ja bokae? Tshwaya (✓) karabo e nepahetseng:

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

Hlahloba!
Bapisal!
Lokisa!



Shopo ya Sephaza ya Sandile.

Sandile o boloka direkoto tsa tjhelete eo a e fumanang papetleng.

Qalong o lekanya feela, e be jwale o sebetsa tjhelete eo a e fumaneng ka letsatsi.

Tjhelete e kenang ke tjhelete eo o e fumanang kapa eo o e amohelang e le mokgolo wa hao.

Thusa Sandile ho qetela ho sebetsa dipalo tsa hae. Ngola dikarabo papetleng:

		Lekanya	Kaofela
Mantaha	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		
Moqebelo	R50 + R75 + R200 + R350 + R25		
Sontaha			



Sebetsa hore tjhentjhi ke bokae.

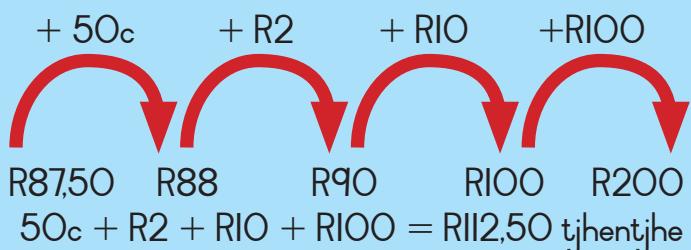
Ho fumana hore tjhentjhi ya hao ke bokae o ka kopanya hore dintho dija bokae le tjhelete ya pampiri eo o lefileng ka yona.

Mohlala:

Palesa o reka dijo ka R87,50

O lefa ka tjhelete ya pampiri ya R200.

Tjhentjhe ya hae ke bokae?



Sebedisa melapalo ho o thusa ho sebetsa tjhentjhe.

E ja: R229,40

Lefa ka:



E ja: R305,60

Lefa ka:



Haholo ka ho kopanya le ho tlosa ho fihla ho 999



Ha re rarolle mathata.

Gugu o bokelletse ditikara tse 234 .

Mandla a mo neha ditikara tse ding tse 50I.

O na le ditikara tse kae jwale?

Pots ke eng?

O na le ditikara tse kae jwale?

Lentswe la bohlokwa ke lefe?

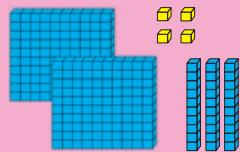
Haholwanyana

Dinomoro ke dife? **234 le 50I**

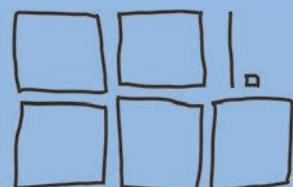
Ha re bontsheng sena ka mabokose a tshehetso ya leshome.



Sena ke seo Lisa a se entseng
ho rarolla qaka ya Gugu.



Sena ke seo Aakar a se entseng .
O takile setshwantsho.



Ho beha mabokose a tshehetso ya leshome ha Lisa ho tshwana jwang le ho taka setshwantsho ha Aakar.

Sebedisa nomoro e qakeng ho e rarolla katlase o sebedisa mekgwa e mmedi eo o ithutileng yona ho fihla mona.

Mokgwa wa 1

Mokgwa wa 2



Mesebetsi ya hoseng.

Thembio bokella dintho bakeng sa porojeke ya sekolo ya ho risaekela.

Dibotlolo tsa polasetiki tse 624 le makotikoti a 268 ?

Potso ke eng?

Dinomoro ke dife?

Lentswe la bohlokwa ke lefe? Tshwaya karabo e nepahetseng Lentswe la bohlokwa le re bolella ho:

Kopanya

Tlosa

Taka setshwantsho.

Sebedisa mokgwa wa ha oho rarolla qaka.

Lebenkele le ne le na le dipakete tse 900 tsa tswekere. Kamora ho rekisa tse ding, ba ile ba sallwa ke tse 659. Ba rekisitse dipakete tse kae?

Potso ke eng?

Dinomoro ke dife?

Lentswe la bohlokwa ke lefe? Tshwaya karabo e nepahetseng Lentswe la bohlokwa le re bolella ho:

Kopanya

Tlosa

Taka setshwantsho.

Sebedisa mokgwa wa ha oho rarolla qaka.



109



Kotara 4

Sheba ditaekeramo tsena mme o di hlalose.



Qetela tse latelang:

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

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



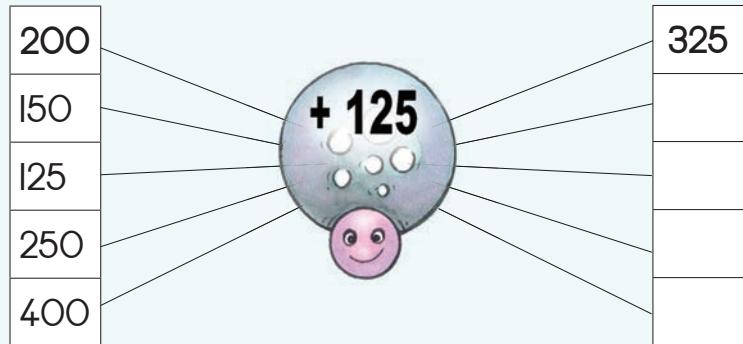
Ngola dipalo.

- a. Kopanya 12 ho 523 ke _____.
- b. Tlosa 15 ho 540 ke _____.
- c. Kopanya 20 ho 576 ke _____.
- d. 590 tlosa 60 ke _____.

- e. 537 tlosa 29 ke _____.
- f. Halofo ya 300 ke _____.
- g. Pheta 420 habedi _____.
- h. Halofo ya 600 ke _____.



Kopanya 125.





Ke dipalo difeng tse etsang 1 000?

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

Fumana letshwao la kopanya le palo ya lelapa

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



Hlahloba!
Bapisa!
Lokisa!

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

Kopanya mme o tlose mashome le makgolo.



a. Mashome 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. Mashome a feletseng (Dikatiso ka 10)

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

Rarolla tse latelang:

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



110

Letsatsi:

Diphazele tsa ho metha

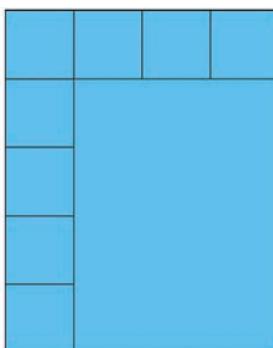
Kotara 4



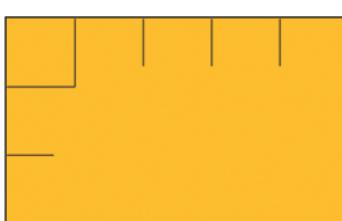
Fumana sebaka sebakeng sena.

Ke dikwere tse kae tsa boholo bona tseo o di hlokang ho kwahela setshwantsho se seng le se seng. Sebedisa mokgwa o mong le o mong feela ho sebetsa palo ena. O ka nna wa taka dikwere kapa ditshwantsho ho o thusa ho sebetsa palo ena.

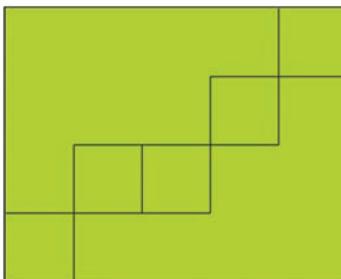
a.



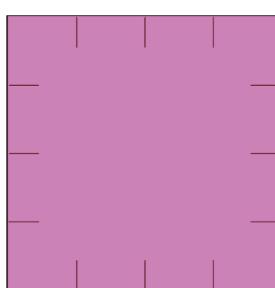
b.



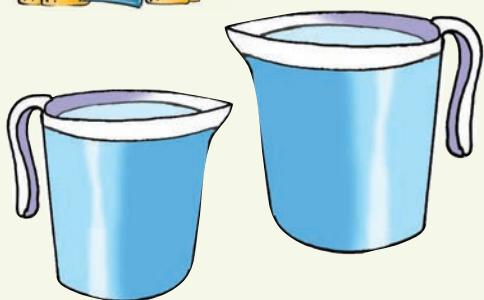
c.



d.



Rarolla selotho sena.



O batla ho metha dilitha tse 4 hantle tsa metsi.

O na le ditshela tse pedi feela: se seng se tshela dilitha tse 3 ha se seng se tshela dilitha atse 5. O e sebeditse jwang?

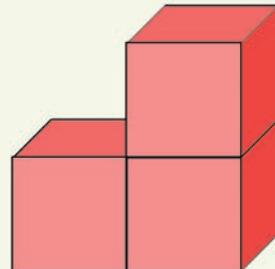
Temoso: ho na le mekgwa e mmedi e ka sebediswang.



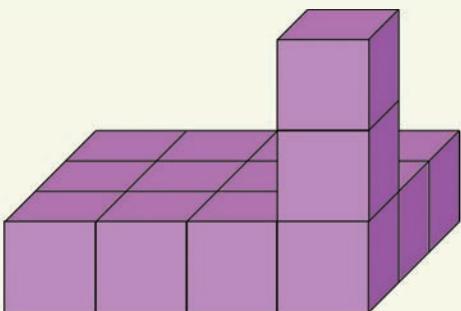
O bona eng?

Diboloko tse tharo di kgomare editswe mmoho jwalo ka setshwantshong sena.

Haeba o ntsha diboloko tse kopantsweng mmoho o tla bala diboloko tse kae tsa dikwere tseo o ka di balang tse ka ntle?



Bala dikotwana.



Ke dikotwana tse kae tse etsang sebopeho sena?



Phephetso: selotho sa nako.

Temoso

O na le dimethanako tsa lehlabathe tse pedi.

Se le seng se metha metsotso e 7 hantle mme se seng se metha metsotso e 11 hantle.

O ka sebedisa dimethanako jwang ho fumana hantle hore metsotso e 15 e fetile neng?

Hlahloba!
Bapisa!
Lokisa





Letsatsi:



Dipaterone tsa dipalo: mashome ho fihla ho 900

Kotara 4

A re baleng ka mashome ho tloha ho 810 ho fihla ho 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



Ke dipaterone dife tseo re di bontshwang ka didikadikwe?

Etsa sedikadikwe ka bokgubedu : Bala ka _____.	Ngola Paterone: _____
Etsa sedikadikwe ka botala : Bala ka _____.	Ngola Paterone: _____



Sebetsa palo.

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. $855 - 10 =$ _____



Mela ya dithupa?

Ho na le dithupa tse



ngateng



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

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



Mela ya dithupa.

Ho na le mangata a leshome a dithupa moleng = dithupa tse 100

Mola wa mangata a 10 = dithupa tse 100



$$10 \times 10 = 100$$

Mela e 2 ya mangata a dithupa a 10 _____

$$20 \times 10 = _____$$

Mela e 4 ya mangata a 10 a dithupa _____

$$40 \times 10 = _____$$

Mela e 10 ya mangata a 10 a dithupa _____

$$100 \times 10 = _____$$



Ke mangata a makae?

Dithupa tse 700 di etsa mangata a _____



Dithupa tse 900 di etsa mangata a _____

Dithupa tse 900 di etsa mangata a _____



Teacher:
Sign:
Date:

112

Letsatsi:

Tlatsetsa palong e atametseng 10

Kotara 4

Re ile ra bontsha hore palo e atametswa jwang thutong e fetileng. Sheba molapalo ona mme o halosetse motswalle wa hao hore o tla atametsa palo ena jwang ho e etsa leshome.



Hopola hore o tshwanelo ho sheba diyuniti ha o atametsa palo ho e etsa 10.



Atametsa palo ho fihla ho 10.



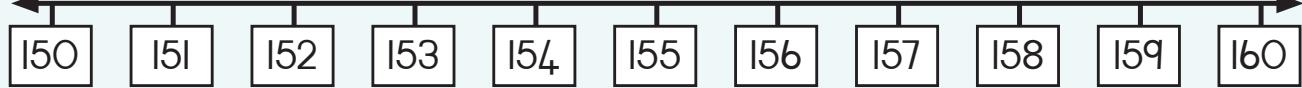
Ho atametsa 114 ho e etsa palo e feletseng? _____

Ha o atametsa 117 e tla ba? _____



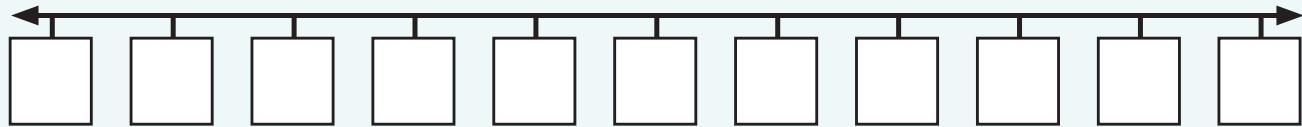
Ha o atametsa 159 ho e etsa palo e feletseng e tla ba? _____

Ha o atametsa 151 palo ho e etsa palo e feletseng e tla ba? _____

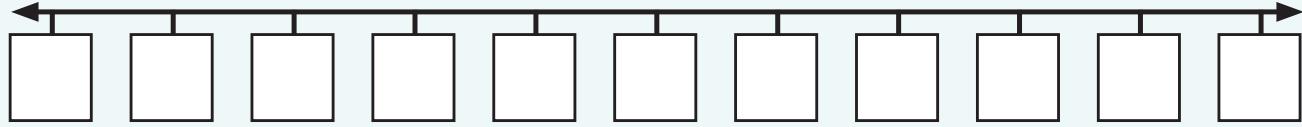


E atametse ho fihla ho 10.
Etsa molapalo wa hao.

195



945





Akaretsa ho isa ho palo e haufi ya 10.

Pele o akaretsa ho isa palong e haufi:

- Ngola hore hore na palo e akaretswang ho isa ho palo e haufi e pakeng tsa mashome afe.
- Bontsha ka lerumo hore na bonyane palo ena e tla akaretswa ho isa palong e haufie hokae molapalong.

a. 128 ha e akaretswa ho ho isa ho palo e haufi le leshome ke 130



b. 877



c. 901



d. 566



e. 999



Akaretsa dipalo tse latelang ho isa ho palo e haufi le 10.

a. 161 b. 583 c. 415 d. 848 e. 612

f. 230 g. 327 h. 989 i. 534 j. 748



Ke hloka di RIO tse kae tsa pampiri?

Mbali o bolokile tjhelete mme o ithaopa ho lefella metswalle ya hae. O ile ATM ho hula tjhelete. ATM e ntsha tjhelete ya pampiri feela.

O hloka diRIO tsa pampiri tse kae?



Ho Atisa le ho Arola: ka bohlano ho fihla ho 100

Kotara 4



Qetela taekeramo ya sekgo.

tse kenang

1
3
5
7
9

tse tswang

molawana

tse kenang

tse kenang

tse tswang

2
4
6
8
10

molawana



Phethela tafole e katlase:

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



Sebetsa palo:

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

$$11 \times 5$$

$$\begin{aligned} 13 \times 5 \\ = (10 + 3) \times 5 \\ = 50 + 15 \\ = 50 + 10 + 5 \\ = 65 \end{aligned}$$

$$13 \times 5$$



$$45 \div 5$$

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

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

$$= 8 + 1$$

$$= 9$$

$$75 \div 5$$

$$48 \div 5$$

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

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

$$= 8 + 1 \text{ ho sala } 3$$

$$= 9 \text{ ho sala } 3$$

$$13 \div 5$$



Rarolla mathata a latelang a dipalo:

Tshingwana ya meroho e na le mela e 14 ya dimela.

Mola o mong le o mong o na le palo e lekanang ya dimela.

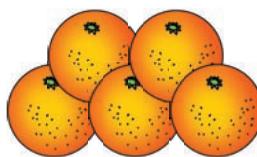
Haeba ho na le dimela tse 70 ka palo, ho na le dimela tse kae moleng o le mong?



David o rekisa mekotla e nang le dinamune tse hlano ka mokotleng o le mong.

O na le dinamune tse 85.

A ka tlatsa mekotla e mekae?



Teacher:
Sign:
Date:

Dipaterone tsa dipalo: ka bohlano ho fihla ho 1 000

Kotara 4

A re baleng ka bohlano ho tloha ho 805 ho fihla ho 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



Didikadikwe di re bontsha paterone e jwang?

Etsa sedikadikwe se bolou:	Bala ka _____.
Ngola paterone:	
Etsa sedikadikwe se pherese:	Bala ka _____.
Ngola paterone:	



Kopanya.

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



Boto ya dipalo 901 ho fihla ho | 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



Tlatsa ka dipalo tse siilweng.

Phapang ke efe dipakeng tsa dipalo tse tala le tse pherese moleng o le mong?



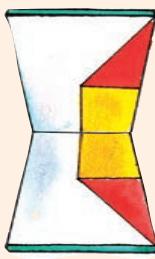
Qetela dipaterone.

Na o hlokomela paterone?	E haloze.
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, _____	



115

Tseba haholwanyane ka simeteri



Seipone, seipone.

Bapala le motswalle wa hao le sebedisa e nngwe ya disetse tsena tsa diphazele (ya dikarolwana tse $\frac{1}{4}$) ho tswa ho tse sewang tsa 10.

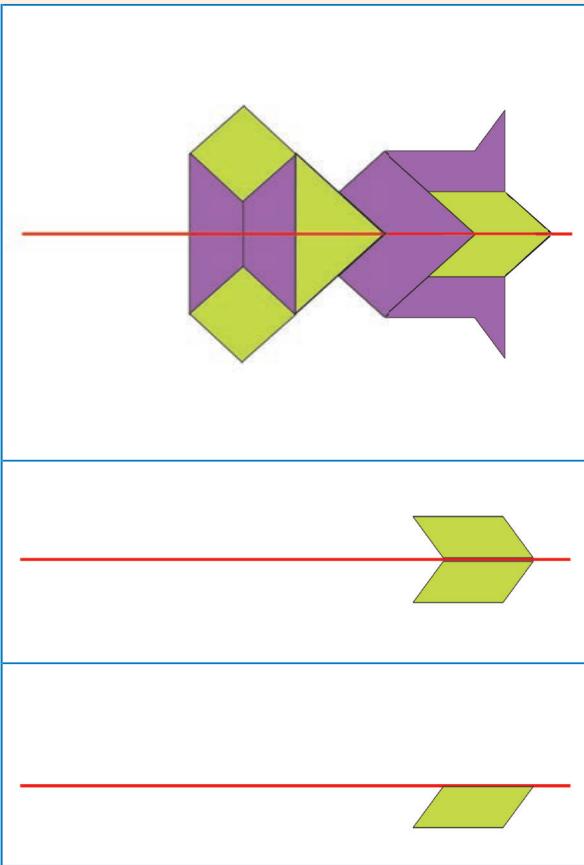
Sebapadi se seng le se seng se na le halofo ya dikarolwana tsena (dikarolwana tse 7) tsa dibopeho tsa phazele tsa dithaelise.

Thala mola ho tlola. Bohare ba karolwana ya pampiri. Ona e tla ba mola o bitswang "pondahalo ya mola".

Sebapadi sa pele se beha e nngwe le e nngwe ya karolwana pela mola.

Sebapadi sa bobedi jwale se beha ponahalo ya mola lehakoreng le leng la mola. E tshwanela ho thetsamola kapa e nngwe ya dibopeho tse seng di behilwe.

Tswela pele ho fihlela dikarolwana kaofela di sebedisitswe.



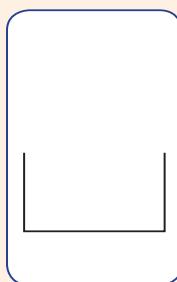
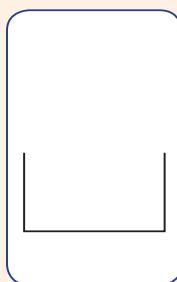
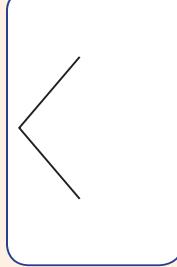
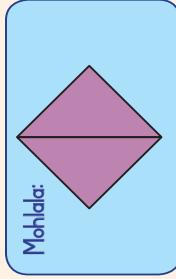
Kotara 4

Taka lehlakore le leng la sebopheho.

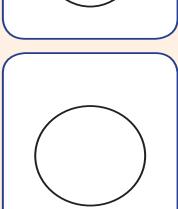
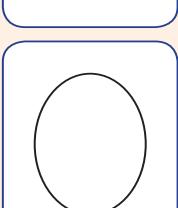
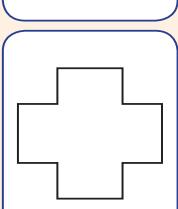
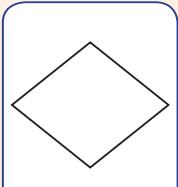
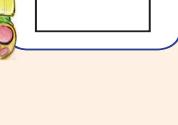
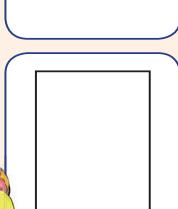
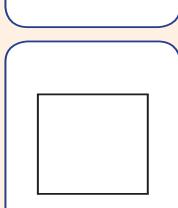
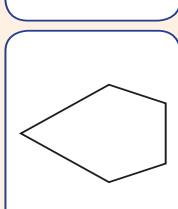
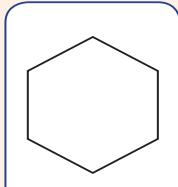
Bontsha mola wa semeteri.



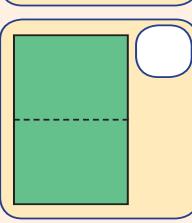
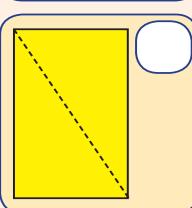
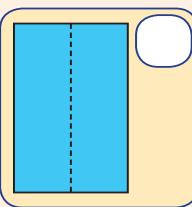
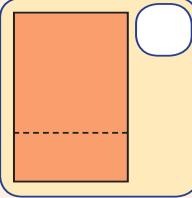
Mohla:



Thala mela ya semeteri ho tse latelang:

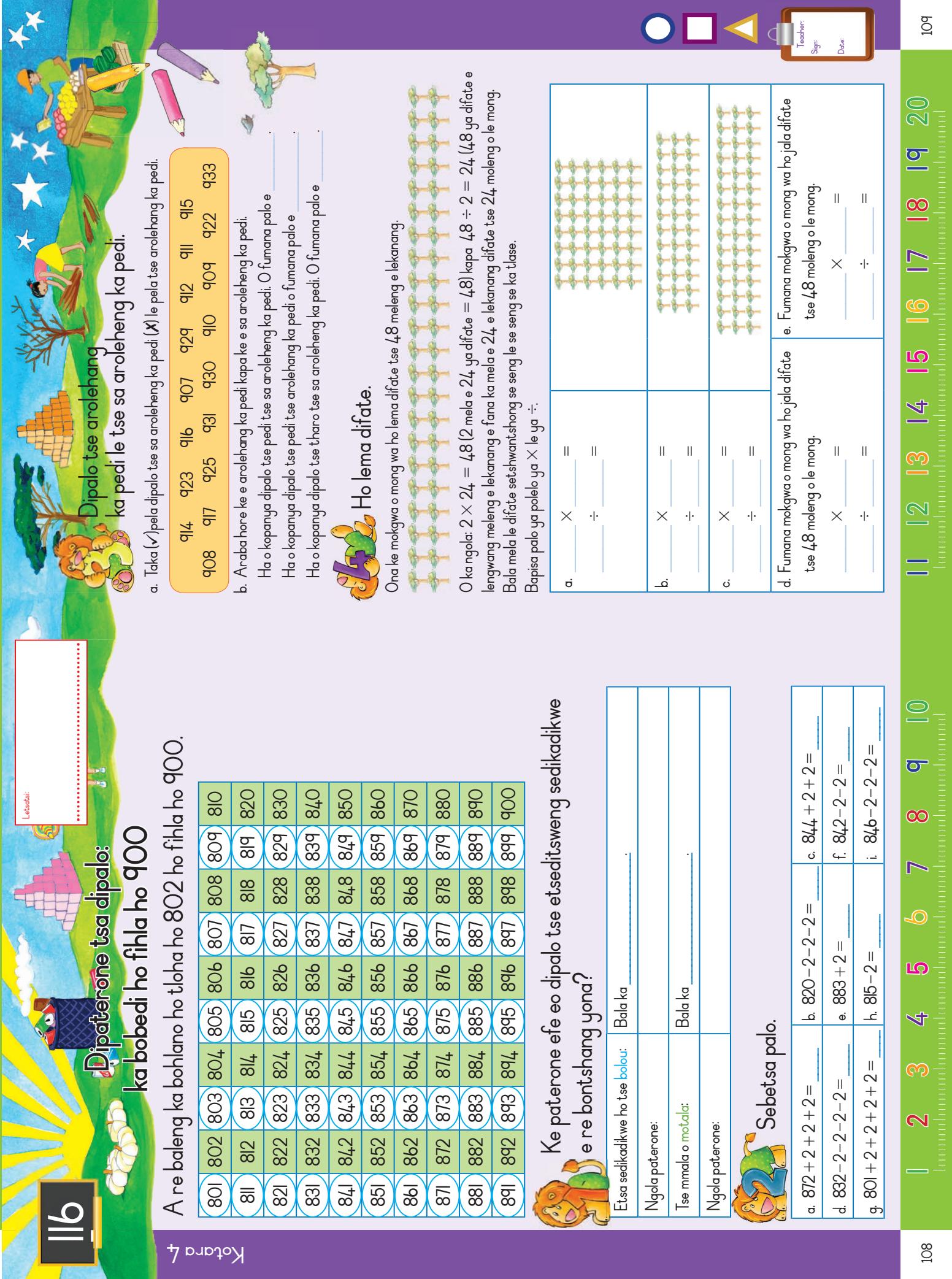


Tshwaya dibopeho tse nang le mela e nepahetseng ya semeteri.



1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20



91

Dipaterone tsa dipalo: ka bobedi ho fihla ho 900.

A re baleng ka bohlano ho tlaha ho 802 ho fihla ho 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 4

- a. Taka () pela dipalo tse sa aroleheng ka pedi (X) le pela tse aroleheng ka pedi.

914	923	916	907	929	912	911	915
908	917	925	931	930	910	909	922

- b. Araba hore ke e aroleheng ka pedi kapake e sa aroleheng ka pedi:

Ha o kopanya dipalo tse pedi tse sa aroleheng ka pedi. O fumana paboe
Ha o kopanya dipalo tse pedi tse aroleheng ka pedi o fumana paboe
Ha o kopanya dipalo tse tharo tse sa aroleheng ka pedi. O fumana paboe



Ona ke mokgwa o mong wa ho lema difate tse 48 meleng e lekanang.



O ka ngola: $2 \times 24 = 48$ (2 mela e 24 ya difate = 48) kapa $48 \div 2 = 24$ (48 ya difate e lengwang meleng e lekanang e fana ka mela e 24, e lekanang difate tse 24 moleng o le mong. Bala mela le difate setshwantshong se seng le se seng se ka tiasae. Bopisa palo ya polelo ya \times le ya \div :

Ke paterone efe eo dipalo tse etseditsweng sedikadikwe
e re bontshang yona?

Etsa sedikadikwe ho tse bolou: Bala ka _____.

Ngola paterone:

Tse mmala o motlod: Bala ka _____.

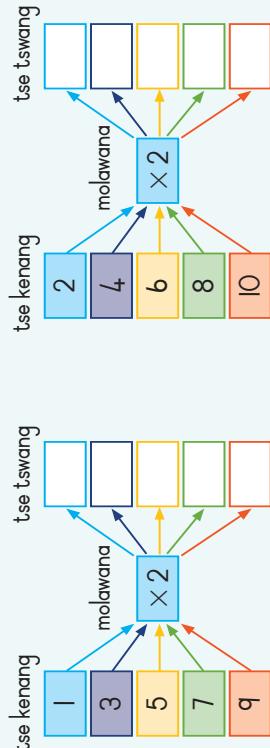
Ngola paterone:

Sebetsa palo.

a. $872 + 2 + 2 + 2 =$	b. $820 - 2 - 2 - 2 =$	c. $844 + 2 + 2 =$	d. Fumana mokgwa o mong wa ho jaladifate tse 48 moleng o le mong.	e. Fumana mokgwa o mong wa ho jaladifate tse 48 moleng o le mong.
f. $842 - 2 - 2 =$	g. $883 + 2 =$	h. $815 - 2 =$	i. $846 - 2 - 2 - 2 =$	j. $801 + 2 + 2 + 2 + 2 =$
X = _____	X = _____	X = _____	X = _____	X = _____

Ho atisa le ho arola: ka bobedi ho fihla ho 100

Qetela ditshwantsho tsa sekgo.



Phethela tafole e katlase:

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



Sebetsa palo:

12×2	11×2
$= (10 + 2) \times 2$	$= 32$
$= 20 + 4$	
$= 24$	
18×2	22×2
$= (10 + 8) \times 2$	$= 44$
$= 20 + 16$	
$= 36$	



$$46 \div 2$$

$$= (40 + 6) \div 2$$

$$= (40 \div 2) + (6 \div 2)$$

$$= 20 + 3$$

$$= 23$$

$$47 \div 2$$

$$= (40 + 7) \div 2$$

$$= (40 \div 2) + (7 \div 2)$$

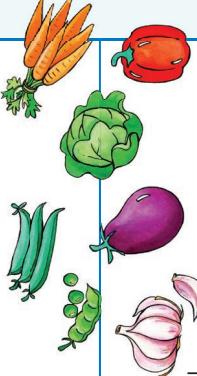
$$= 20 + 3 \text{ ho sala!}$$

$$= 23 \text{ ho sala!}$$

Tshingwana ya meroho e na le mela e 32 ya dijalo.
Mola o mong le o mong o na le dijalo tse 2.
Ho na le dijalo tse kae tshingwaneng?

Tshingwana ya meroho e na le mela e 40 ya dijalo.
Mola o mong le o mong o na le palo e lekanang ya dijalo.

Haeba palo ya dijalo kaofela ke 80, ho na le dijalo tse kae moleng o mong le o mong?



Rarolla mathata a latelang:

Tshingwana ya meroho e na le mela e 32 ya dijalo.

Mola o mong le o mong o na le dijalo tse 2.

Ho na le dijalo tse kae tshingwaneng?

Tshingwana ya meroho e na le mela e 40 ya dijalo.

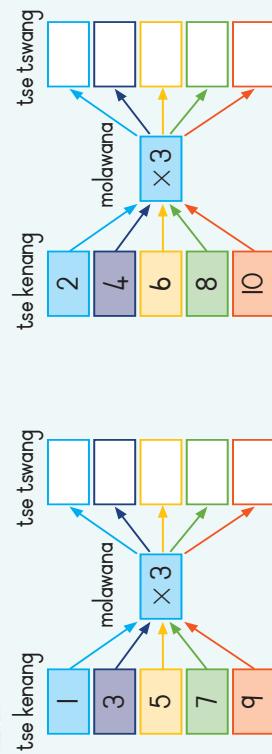
Mola o mong le o mong o na le palo e lekanang ya dijalo.

Haeba palo ya dijalo kaofela ke 80, ho na le dijalo tse kae moleng o mong le o mong?

Ho atisa le ho arola:

ka borarao ho fiha ho 100

Qetela taekeramo ya sekgo.



Phethela tafole e ka tlaase:



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

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

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



Rarolla mathata a latelang:

Marlena o na le dipompong tse 30.

Palo ema ke e fetang palo ya dipompong tsee Jacob a nang le tsona malgetlo a lesome.

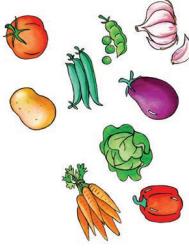
Jacob o na le dipompong tse kae?

Tshingwana ya meroho e na le dijalo tse 29.
Mola o mong le e mong o na le dijalo tse 3.
Ho na le dijalo tse kae ka tshingwaneng ya meroho?

Marlena o na le dipompong tse 30.

Palo ema ke e fetang palo ya dipompong tsee Jacob a nang le tsona malgetlo a lesome.

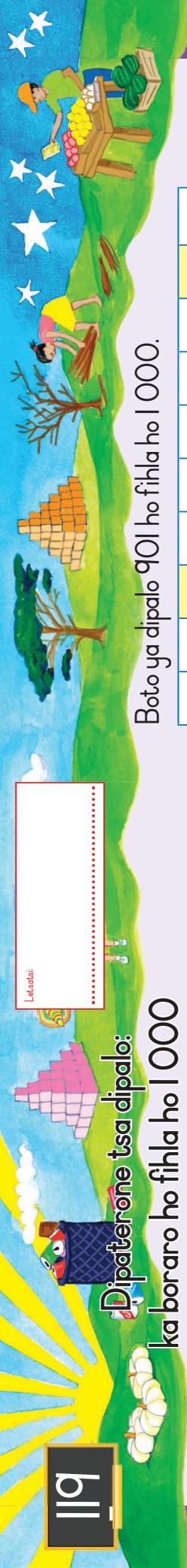
Jacob o na le dipompong tse kae?



$$96 \div 3 = (90 + 6) \div 3 = 30 + 2 = 32$$

$$98 \div 3 = (90 + 8) \div 3 = 30 + 2 = 32$$





11q

Dipaterone tsa dipalo: ka boraro ho fihla ho | 000

A re baleng ka boraro ho tlaha ho 803 ho fihla ho 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

Dipalo tse etseditsweng sedikadikwae di re bontsha
pateron e jwang?



Etsa sedikadikwae ka bosehla ba amunu:

Bala ka _____

Ngola pateron:

Bala ka _____

Ngola pateron:

Bala ka _____

Sebetsa polo.

- | | | |
|------------------------|------------------------|------------------------|
| a. $873 + 3 + 3 =$ | b. $824 - 3 - 3 - 3 =$ | c. $841 + 3 + 3 =$ |
| d. $837 - 3 - 3 - 3 =$ | e. $889 + 3 =$ | f. $846 - 3 - 3 =$ |
| g. $802 + 3 + 3 + 2 =$ | h. $89 - 3 =$ | i. $880 - 3 - 3 - 3 =$ |

Boto o ya dipalo 901 ho fihla ho | 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	970
	972	973		975	976		978	979	
981	982		984	985		987	988		990
991		993	994		996	997		999	1000

Tlatsa ka dipalo tse siiweng.

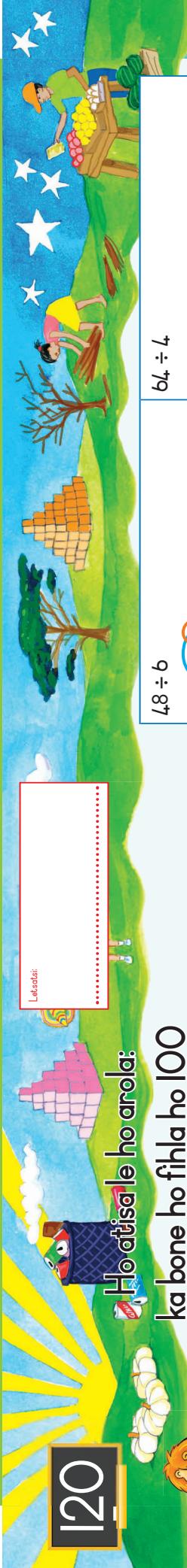
Tlatsa diboloko tsa dipalo tse siiweng ka mmada o matada. Tlatsa diboloko tsa dipalo tse tshweu ka mmala o mokgabedu. O bona pateron e jwang?



- a. Kopanya botharo ba 4 ho 981.
b. Kopanya botharo ba 5 ho 973.
c. Tlosa botharo ba 4 ho 975.
d. Tlosa botharo ba 3 ho 947.
e. Kopanya botharo ba 2 932.

- Teacher:
Sign:
Date:

Kotara 4

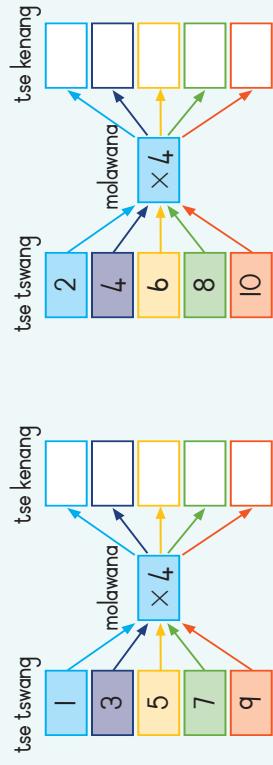


120

Kotara 4

Ho atisa le ho arola:
ka bone ho fihla ho 100

Qetela pateronne ya sekgo



Phethela tafole e ka tlaase.

	1	2	3	4	5	6	7	8	9	10
4										

$$48 \div 6 = 8$$

$$(40 + 8) \div 4$$

$$(40 \div 4) + (8 \div 4)$$

$$= 10 + 2$$

$$= 12$$

$$45 \div 4 = 11$$

$$(40 + 5) \div 4$$

$$(40 \div 4) + (5 \div 4)$$

$$= 10 + 1$$

$$= 11$$

$$49 \div 4 = 12$$

$$(40 + 9) \div 4$$

$$(40 \div 4) + (9 \div 4)$$

$$= 10 + 2$$

$$= 12$$



Tonyo na le dipompong tse 36.
O ja dipompong tse 4 ka letsatsi.
O tla ja dipompong tse kae ka letsatsi?
David o rekisa dipakete tse nang le dinamune tse nne pakete e le nngwe.

O na le dinamune tse 88.
O tla tlatsa dipakete tse kae?

11 12 13 14 15 16 17 18 19 20

Sebetsa palo:

$$11 \times 4$$

$$= (10 + 1) \times 4$$

$$= 40 + 4$$

$$= 44$$

$$15 \times 4$$

$$= (10 + 5) \times 4$$

$$= 30 + 20$$

$$= 52$$

1 2 3 4 5 6 7 8 9 10

Teacher:
Sign:
Date:

Dipaterone tsa dipalo: ka bone ho fihla ho | 000

A re baleng ka bone ho tlaha ho 804 ho fihla ho 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

Dipalo tse etseditsweng sedlikadikwe di re bontsha
pateron e jwang?



Etsa sedlikadikwe ka **botala**:

Ho bala ka _____

Ngola pateron:

Ho bala ka _____

Etsa sedlikadikwe ka mmala o **phonese**:

Ho bala ka _____

Ngola pateron:

Ho bala ka _____

Boto ya dipalo 901 ho fihla ho | 000.

Kotara 4

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

Tlatsa ka dipalo tse silweng.



Tlatsa diboloko tsa dipalo tse silweng ka mmala o modala. Tlatsa diboloko tsa dipalo tse tsheueu ka mmala o mokgubedu O bona pateron e jwang?

- a. Kopanya bo 4 ba bane ho 980. 984, 988, 992, 996

b. Kopanya bo 5 ba bane ho 971. _____

c. Tlosa bo 4 ba bane ho 963. _____

d. Tlosa bo 3 ba bane ho 927. _____

e. Kopanya bo 2 ba bane ho 938. _____

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. $833 - 4 =$	i. $847 - 3 - 3 - 3 =$

E lekana le dikarolo tsa yohle

Halofo e le nngwe, le ha ho lejwalo o a e seha.

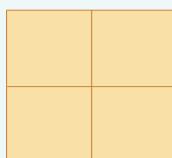
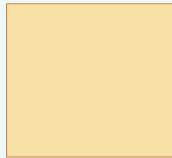
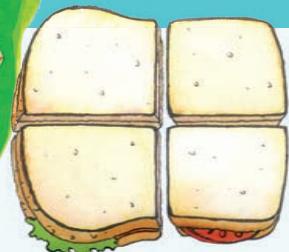
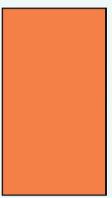
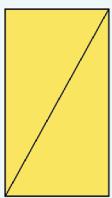
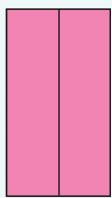
Seha dikutlonne hot tswa pampering e mmala
(Ho tswa ho disehwa [3]).

Sebedisa mekgwa e fapaneng ya ho etsai halofo e le nngwe.

- Mena pampiri ho e etsa kgutlotharo e nang le mahlakore a mabedi a lekanang ka bodelele. Seha pampiri ho e etsa halofo moo e mennweng. Se seng le se seng sa dikarolwana tsena se dikana hantle le se seng ka boholo. Karolwana e nngwe le e nngwe ke halofo e le nngwe ($\frac{1}{2}$) ya kgutlotharo e sailweng.

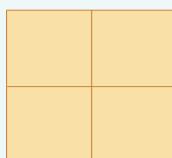
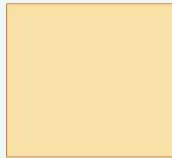
2. Mena pampiri e nngwe hape ya kgutlotharo ho e etsa halofo ka mokwawa taekona. Seha pampiri moo e mennweng ho e etsa halofo. Se seng le se seng sa dikarolwana tsena ke halofo ya pampiri e seuweng.

3. Mokgwa o mong wa ho arola pampiri dikarolwana tse pedi tse lekanang ke ofe? Tumana ka ho sebedisa pampiri le sekere, jwale tereisa moo ho nang le mola o mennweng mme o sehe.



Samentjhisi bakeng sa dijo tsa motsheare.

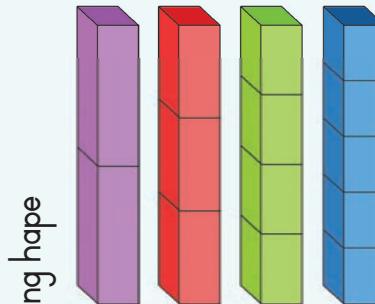
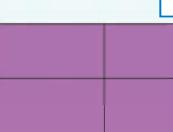
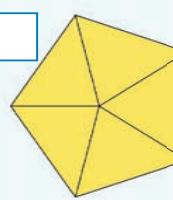
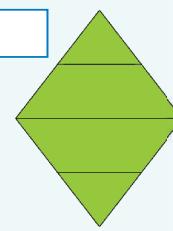
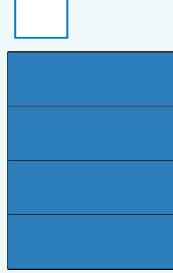
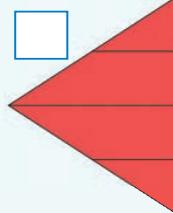
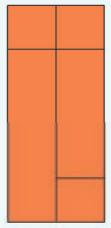
Thabo le metswallis ya hae e 3 ba etusa disamentjhisi tse ngata bakeng sa dijo tsa motsheare. Ba di seha ka dikarolwana tsa bonngwe boneng le ka dikotara. Sena se bolela hore ba di seha ho di etsa dikarolwana tse 4 tse lekanang. Mokgwa o mong ke ona. Bontsha mokgwa e meng eo o ka etsang sena ka yona.



Ho arola ka dikarolwana tsa bonngwe boneng.



Ha re seha ntho ka dikotara ($\frac{1}{4}$), re e seha ka dikarolwana tse 4 tse lekanang. Tshwaja (✓) setshwantshong ho bontsha dikotara kapa dikarolwana tse nne.



Dikarolwana tsa ntho e feletseng hape

Ha re arola ntho ho e etsa dikarolwana tse 2 tse lekanang re bitsa dikarolwana tsena hore ke halofo.

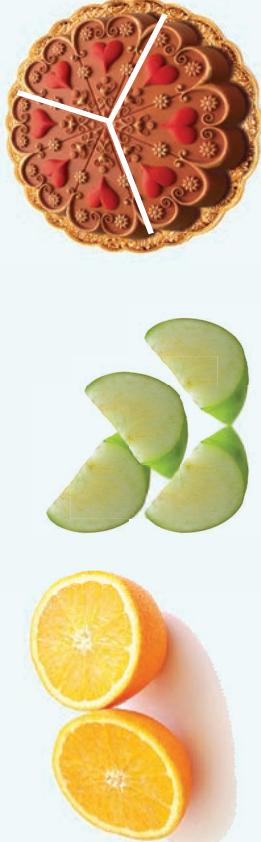
Ha re arola ntho ho e etsa dikarolwana tse 3 tse lekanang re bitsa dikarolwana tsena hore ke karolwana ya bonngwe borarong

Ha re arola ntho ho e etsa dikarolwana tse 4 tse lekanang re bitsa dikarolwana tsena hore ke karolwana ya bonngwe boneng.

Ha re arola ntho ho e etsa dikarolwana tse 5 tse lekanang re bitsa dikarolwana tsena hore ke karolwana ya bonngwe bohlanong.

Mathata a dikarolwana

Buisanang ka dikarolwana le motswalle wa hao.



Rarolla mathata a latelang ka ho araba dipotsa le ho
etsa ditshwantsho.



a. Mokwedilisi wa netebolo o fa sebapadi se seng le se seng halofo ya namune.

Ho na le dibopaditse | 4.

Ohloka dinamune tse kae kaofela?

Potsa e reng?

Dipalo kapta dikarolwana ke dife bothateng bona?

Lentswe la sehloho ke lefe?

Taka setshwantsho.

Lentswe la sehloho ke lentswe
le tla nthusa ho kgat'ha
tshebeisse naphetseng,



Potsa e reng?

| 2 3 4 5 6 7 8 9 10

| 12 13 14 15 16 17 18 19 20

b. Mme waka o fanna le metswalle yaka e leshome le moto so o le mong
mong le e mong o fumana kotara ya apole.

Ohloka dipole tse kae kaofela?

Ke dipalo kapta dikarolwana tse teng bothateng bona?

Lentswe la sehloho ke eng?

Taka setshwantsho.

Karabo ke efe?

c. Shopong ya sekolo ho rekiswa kotara ya kuku.

Ho rekisetswa batho ba 24 sekotswana sa kuku.

Barekisetswa dikuku tse kae?

Ke dipalo kapta dikarolwana dife tse teng bothateng bona?

Lentswe la sehloho ke lefe?

Taka setshwantsho.



Karabo ke fe?



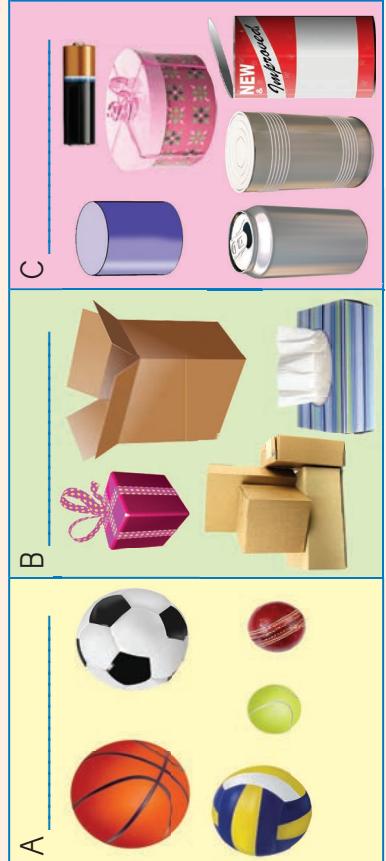
Karabo ke efe?



Dintho tsa dibopetho tse tharo 3-D

Sheba ditshwantsho.

Ke seholpha sefe se bontshang dibolo, disilintere le mabokose?



Fumana ditshwantsho tse pedi tsa e nngwe le enngwe mme o di manamise ka tlaase mona.



Thala molaka tlasa karabo e nepahetseng.

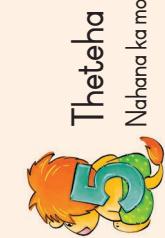
- Sebopetho sa Tamati se tshwana le sa **bolo**-/**lebokose**-/silintere.
- Sebopetho sa kgalase ya ho nwa se tshwana le sa **bolo**-/**lebokose**-/silintere.
- Sebopetho sa buka se tshwana le sa **bolo**-/**lebokose**-/silintere.



E otlobohileng le e kobeihileng.

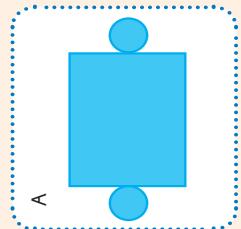
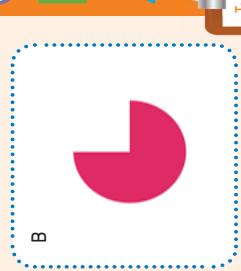
Dintho tse ding tsese tshwarehang di na le bokafatshe bo sephara. Tse ding di na le bokafatshe bo kobeihileng.

	Silindera e na le difahleho tse peditse polata le se le seng se kobeihileng.



Dinthong tsena tse tharo, ke efe e:

- ke keng ya theteha ho ya hole?
- ka thetehang feela moleng o otlobohileng?
- thetehang ka mahlikoreng kaofela?



Nete ke eng?

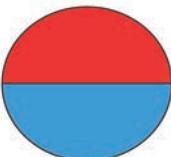
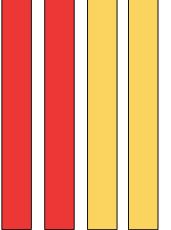
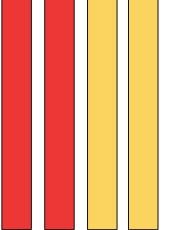
Sebopetho se sephara se ka menehang ho etsa. Sebopetho se tshwarehang se bitswa nete.

- Ngola letere ya nete e ka menehang ho etsa khoune _____
- Ngola letere ya nete e ka menehang ho etsa silintere _____

Dikarolwana hape

Fanaka mabitso a dikarolwana.

Ngola karolwana ya ditshwantsho tse ka tlase.

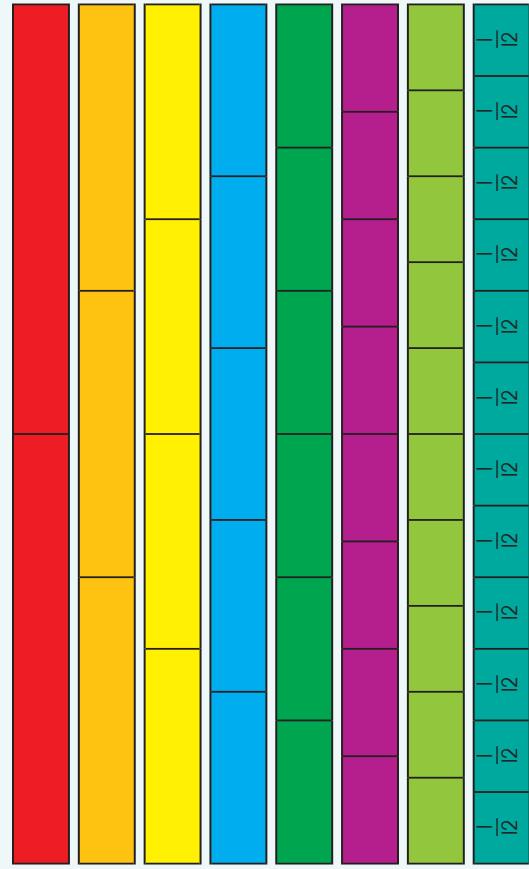
	
a. Ke karolwana efe e kgubed?	b. Ke karolwana efe e tala?
	
c. Ke karolwana efe e bolou	d. Ke karolwana efe e tshehla



Araba dipotsa.

- Siwe o na le dikotswana tse nne tsa tjokolete. O fa motswallé wa haе sekotswana se le seng.
O saletswe ke karolwana e kae ya tjokolete? _____
- Yasmin o na le dinamune tse pedi. O arolelana e nngwe le Ann.
O saletswe ke karolwana e kae? _____
- Maria o reka dikotswana tse 5 tsa tjokolete. O ipolokela e le l. o fa Mohammed tse 2. o fale ngwando bo tse 2. Mary o itshetsi karolwana e kae? _____

Karolwana ya Lebota



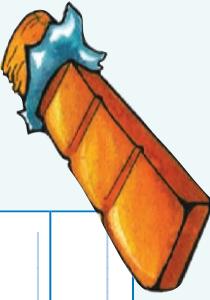
Mala o mong le o mong o arotswe ka dikarolwana tse lekanang.
Mola o ka tlase o arotswe ka dikarolwana tse leshome le metso e mmedi ($\frac{1}{2}$).

Leibola mela e meng ka dikarolwana tse nepahetseng.
Sebedisa rula yahao kapa motshetshe o otlobohileng wa pampiri ho fumana hore ke dikarolwana dife tse lekanang, le ho o thusa ho araba dipotsa tsena.

Ho tswa leboteng la dikarolwana, fumana mekgwa kaofela ja ho etsa:

- | |
|--|
| a. halofo e le nngwe $\frac{1}{2}$ |
| b. ntho e feletseng () |
| c. dikotara boneng tse tharo $\frac{3}{4}$ |

Hahloba!
Bapsa!
Loksa!



Ho hlophisa le ho arolelana hape



Ho sebetsa dipalo kapole.



Sheba dikamano.

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

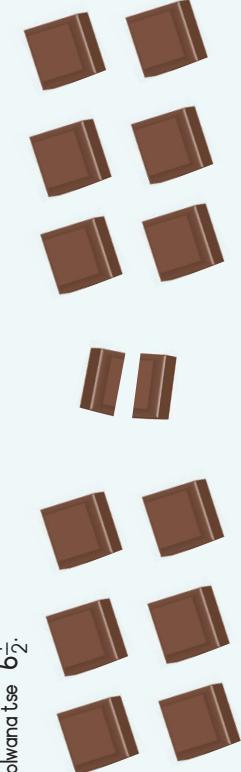


Ho arolelana ho setseng.

Jabu le Lebo ba batla ho arolelana dikarolwana tsa tjokolote tse 12. E mong le e mong o fumana dikarolwana tse ka?



Ba ka arolelana feela dikarolwana tse 12 tsa dikwera tse feletseng, e mong le e mong o fumana dikarolwana tse $6\frac{1}{2}$.



a. Banaba 10 ba arolelwa dipaketana tsa tswekere tse 25 moketjaneng. Ba arolele ka ho lekana! Etsa setshwantsho se tla o thusa. Ba arolele ka ho lekana.Taka setshwantsho ho o thusa.



E mong le e mong o fumana dipaketana tse _____

b. Arolelaba ba 4 dipaketana tse 37 tsawekere.

E mong le e mong o fumana dipaketana tse _____

c. Arolelaba ba 5 dipaketana tse 48.



E mong le e mong o fumana dipaketana tse _____

d. Arolelaba ba 10 dipaketana tse 73.

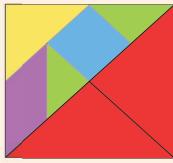


E mong le e mong o fumana dipaketana tse _____



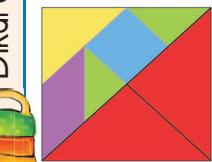
Dikarolwana tsa Tenekeramo

Tenekeramo ke mokgwa wa wkgale wa Machina wa phazele e entsweng ka dibopeho tse 7 tse sephara, tse bitswang tan, tsohe di behwa mmoho ho etsa dibopeho tse fapaneng.



Dikarolwana tsa Tenekeramo.

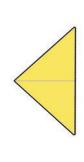
Sheba phazele ena ya tenekeramo. Karolwana ya sekwere kaofela ke e nngwe le enngwe ya tse pedi tsa dikgutloharo tse kgalo? (mmala o mopinku setshwantshong.)



Ha o mena e nngwe ya dikgutloharo tse kgalo ho etsa dikarolwana tse pedi tse lekanang handle le karolwana e bohareng ba kgutloharo (Mmala o mosehla setschwantshong). Ke karolwana efe ya kgutloharo e leng boholo bo lekaneng ba kgutloharo?



Ha o mena kgutloharo e boholo bo lekaneng ho etsa dikarolwana tse pedi tse lekanang, karolwana e le nngwe e lekanan handle le dikarolwana tse nyane tse pedi tsa kgutloharo. (Mmala o motala setschwantshong) Ke karolwana efe ja kgutloharo e feletseng eo e leng karolwana e nyane ja kgutloharo?



O ka nna wa beha dikgutloharo tse pedi. Mmalo ho etsa kgutloharo e nyane. Ke karolwana efe ja kgutloharo e feletseng eo e leng kgutloharo e nyane? (mmala o bolou setschwantshong?)



O ka nna wa beha dikgutloharo tse pedi tse nyane mmoho ho etsa pharedelekeramo. Ke karolwana efe ja kgutloharo e feletseng eo e leng pharedelekeramo?



Ho sebedisa tenekeramo.

Seha ditenekeramo tse pedi ho tswa ho tse sehwang tsa 12 mme o libole karolwana e nngwe le e nngwe ka karolwana ya yona ya kgutloharo e feletseng. (Tseka ke dibopeho tsa motho tsa Ditangram.) Ngola lebitso la hao ka morao ho karolwana e nngwe le e nngwe, hore o tle o fumane dikarolwana tsa hao ka mora papadi.

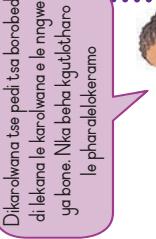
Papadi ya ho arolelana ho dikarolwana ka mokgwa o hlakang leeme.

Bapalang je le dibopadi tse 4/8 le sebedisa dikarolwana tsa tenekeramo

- Dibopadi di fapanjetsana nako ya ho bapala ho latela motho ya laolang papadi.
- Motho ya tsamaisang papadi ke yena ya etsang qeto ya hore ke karolwana e kae ya ditangarine eo sebapadi se tshwanelang ho di kenya ka hara lebokosana la tjhelete.
- Sebapadi se seng le se seng se etsa qeto ya hore tjhelete ya hae ya tshepe tla wela e shebile ka hlakong kapaka mohatleng. Jwale e sebapadi se thela tjhelete ya sona fatshe.
- Motho ya laolang papadi era o arola dikarolwana tsa ho bapala ka lekana dipakeng tsa ba lepieng ka nepo (O tshwanela ho fetolela le nngwe kapadi dikarolwana tse ngata bakeng sa karolwana e nang le boleng bo lekanang).
- Tse setseng tse ke keng tsa kgona ho aroleha di busetswa ka lebokosaneng la dikarolwana e emela leketilo le latelang.
- Dibopadi kaofela di sheba hore na ho arotswe ka nepahalo.
- Haeba sebapadi se fumaneng phoso, motho ya laolang papadi lefa tjhelete ya kotlo e kana ka $\frac{1}{8}$ ya palo kaofela ya sekwere kaofela ho sebapadi sa pele. Se fumaneng phoso.
- Sebapadi se se nang dikarolwana se ka nka ho tswa ho tse setseng ka lebokosaneng.
- Papadi e tswela pele ho fintela sebapadi se seng le se seng e le sona se laolang papadi.



E mong le e mongo o tshwanela ho kenya ketara ya ditangram ka hara lebokosana



11

12

13

14

15

16

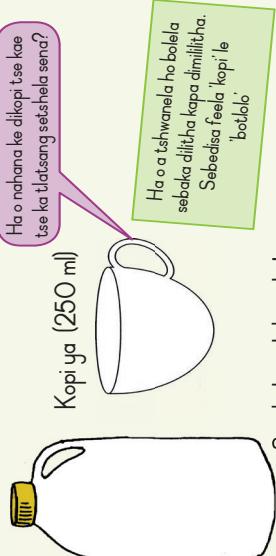
17

18

19

20

Ho mētha bongata



Setsheha sa litha e le |



Tlatsa litha.

Fumana mokgwa wa ho tlatsa litha o sebedisa dipphalli tsa bongata bo fapaneng.

Ngola palo ya polelo bakeng sa mokgwa o mong le o mong.

$$\text{Palo ya polelo: } 500 \text{ ml} + 500 \text{ ml} = 1000 \text{ ml (l)}$$



$$\text{Palo ya polelo} \quad = 1000 \text{ ml (l)}$$

$$\text{Palo ya polelo} \quad = 1000 \text{ ml (l)}$$

$$\text{Palo ya polelo} \quad = 1000 \text{ ml (l)}$$

$$\text{Palo ya polelo} \quad = 1000 \text{ ml (l)}$$

Ha re ngola ka matshwao a metric, re siya sebaka se senyane dipakeng tsa dititi u ho qetelale letshehao. Mohlala, re ngola 3 l e seng 3l; 299 q e seng 299q; 15 km e seng 15km.

Bohol ba kop i ke 10 mm e tsheise bongata ba.

Bongata ba kop i e nngwe le e nngwe e tlatsitsweng ke bofe?



Kagaba ena e tlatsa kop i ka makgetlo.



Kagaba ena e tlatsa kop i ka makgetlo.



Re matha palo e nyane ya sephalli ka dimillitha (ml).

Kopi ena e methang moriana e tshele 10 ml e lekanang le dikgabana tsaa tse pedi.

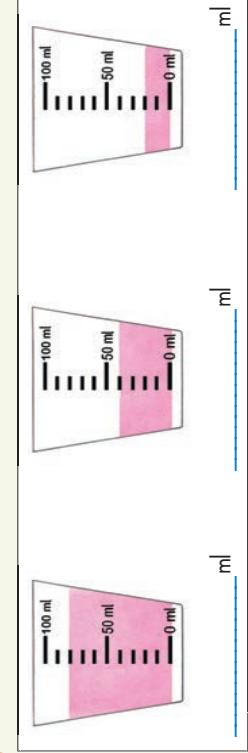
Re matha bongata bo bohol ka dittha (l).

Litha e le nngwe e tlatswa ke dimillitha tse sekete.

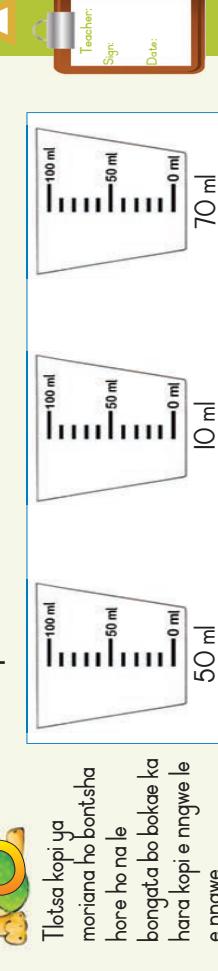
Ho na le sephalli se sekae?



Ho na le dimillitha tse kaeha harajek e nngwe le e nngwe?



Ho na le sephalli se sekae?





Tshela o methé

Papading.

Ka nako ya kgéfutsi sebapadi se seng le se seng se nwa $\frac{1}{4}$
ya litha ya lero la tholwana.

a. Ke dibapadi tse kae tse ka arolelanang litha e le nngwe?

Dilitha tse 1 _____ Dilitha tse 2 $\frac{1}{2}$ _____

b. Ba hokha lero le lekae la tholwana bakeng sa?
dibapadi tse 8 _____ dibapadi tse 9 _____
dibapadi tse 12 _____

Dilitha le dimililitha (ml)

$$\text{Litha e le} = 1000 \text{ ml}$$

$$125 \text{ ml} = \underline{\quad} \text{ya litha}$$

$$\frac{1}{2} \text{ ya litha} = \underline{\quad} \text{ ml}$$

$$50 \text{ ml} = \underline{\quad} \text{ya litha}$$

$$\text{ya litha} \frac{1}{4} = \underline{\quad} \text{ ml}$$

Etsa halofo ya litha.

Tshwaya (✓) palo e ka lekanang halofo ya litha.

20 ml	140 ml	160 ml	28 ml	240 ml

20 ml	140 ml	160 ml	28 ml	240 ml

Lebese le lokile bakeng sa hao!

Arolela bana ba 8 dilitha tse 4.

- a. Ngwana a le mong o fumana dilitha tse _____
- b. Ngwana a le mong o fumana dilitha tse _____
- c. Ngwana a le mong o fumana dilitha tse _____

Kotara 4

Bara ya Bongi ya lero la tholwana.

Bakeng sa jeke e le Bongi o sebredisas Kotara e le nngwe ($\frac{1}{4}$) ya kopiy
jusi le dikopi tse 2 tsa metsi.

Sebredisas hore Bongi o sebredisas lero le metsi a makae ha a batla ho etsa ho finla ho dijeke
tsa 5 tsa senomaphodi.

Dijeké	1	2	3	4	5
Dikopitsa lero la tholwana	Kotara ($\frac{1}{4}$)				
Dikopitsa metsi	2				



Etsa litha.

50 ml	100 ml	200 ml	250 ml	500 ml

O hloka ditshela tse kae ho se seng le se seng ho etsa litha e le nngwe.

- a. _____ \times 100 ml
- b. _____ \times 200 ml
- c. _____ \times 250 ml
- d. _____ \times 500 ml
- e. _____ \times 50 ml



Kamora moketjana.



Moketjana wa Thandi o fedile. Ho dino tse setseng.

Ho setse jusi e perese e kae?

Ho setse jusi e perese e kae?

Thandi o tswaka dijusitsena tse pedi.

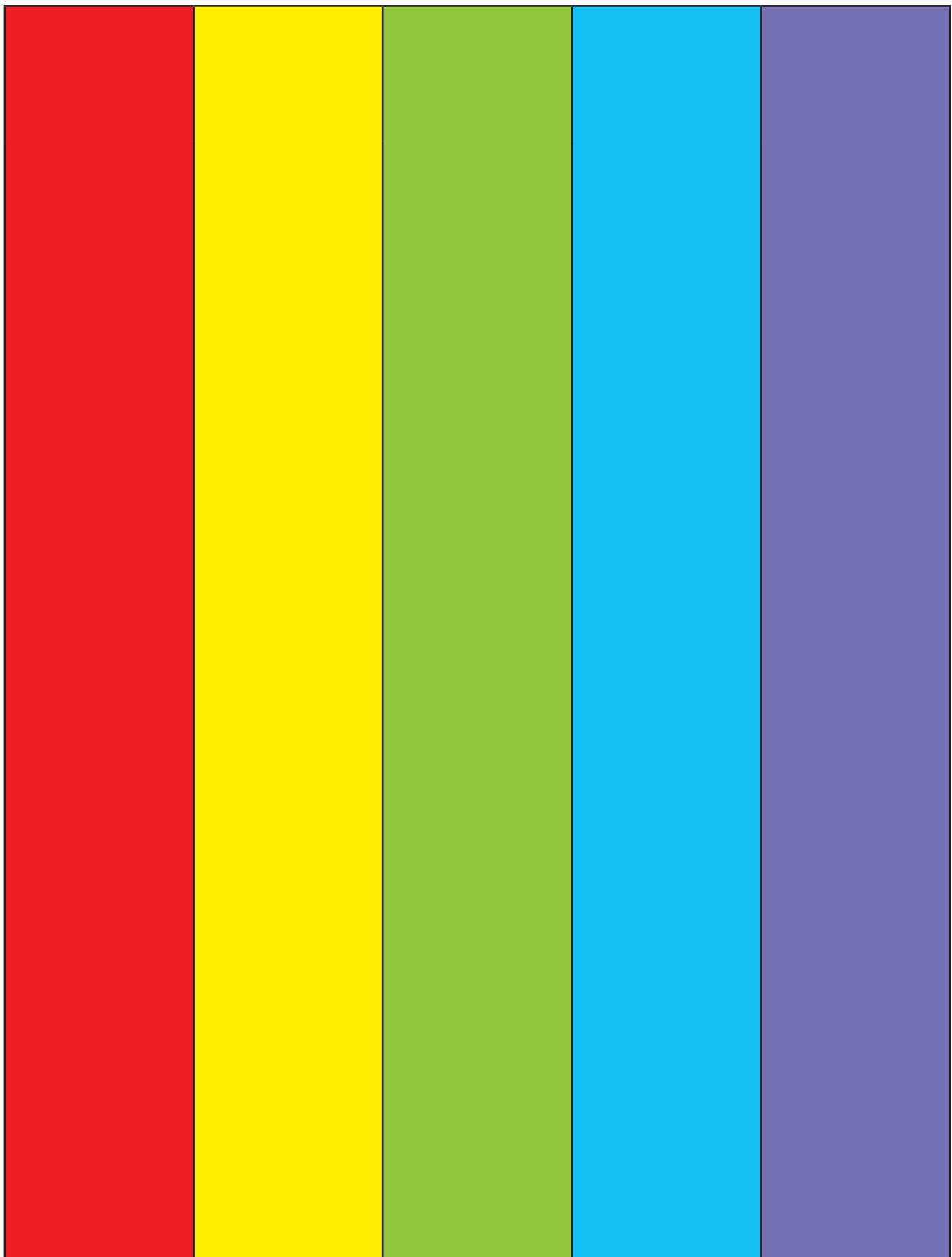
A ka tlatsa dijeke tse kae tse tlatseng?

Hlahlobal Bapsis Lokisa!

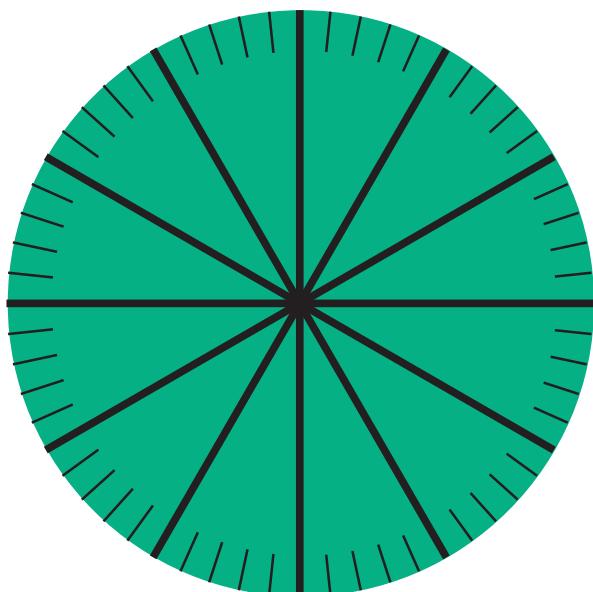
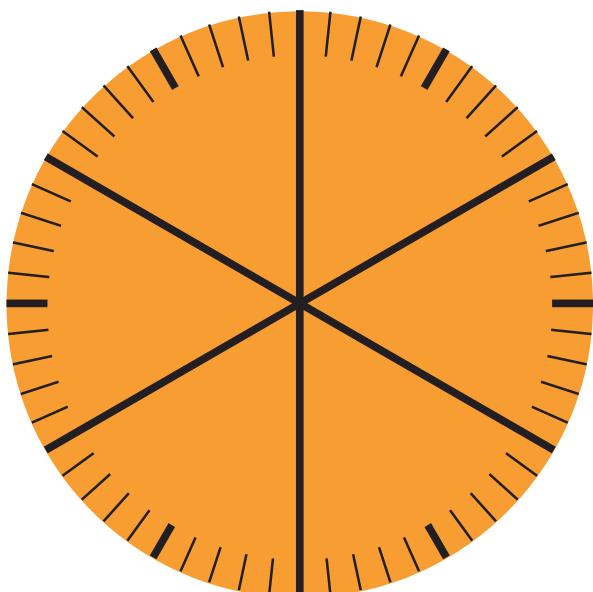
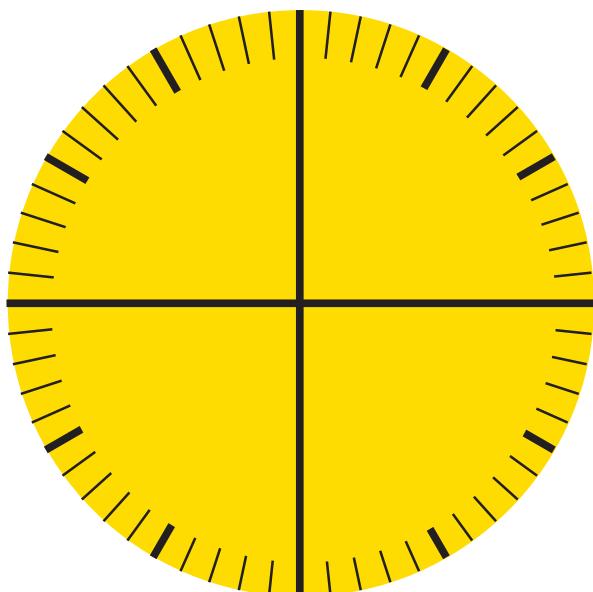
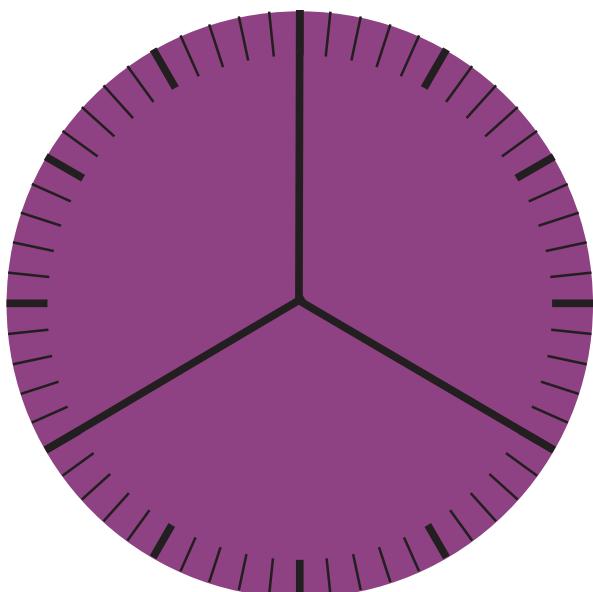
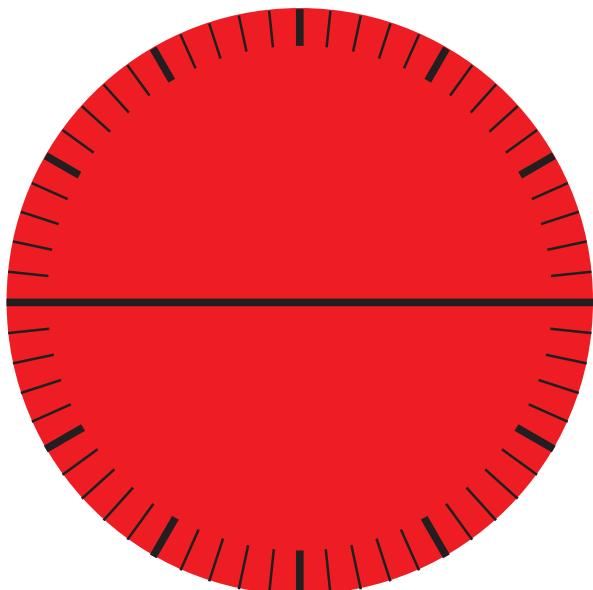
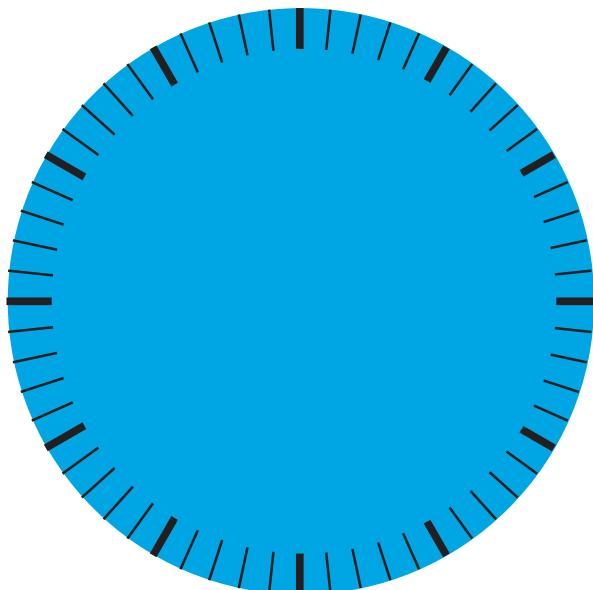
2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

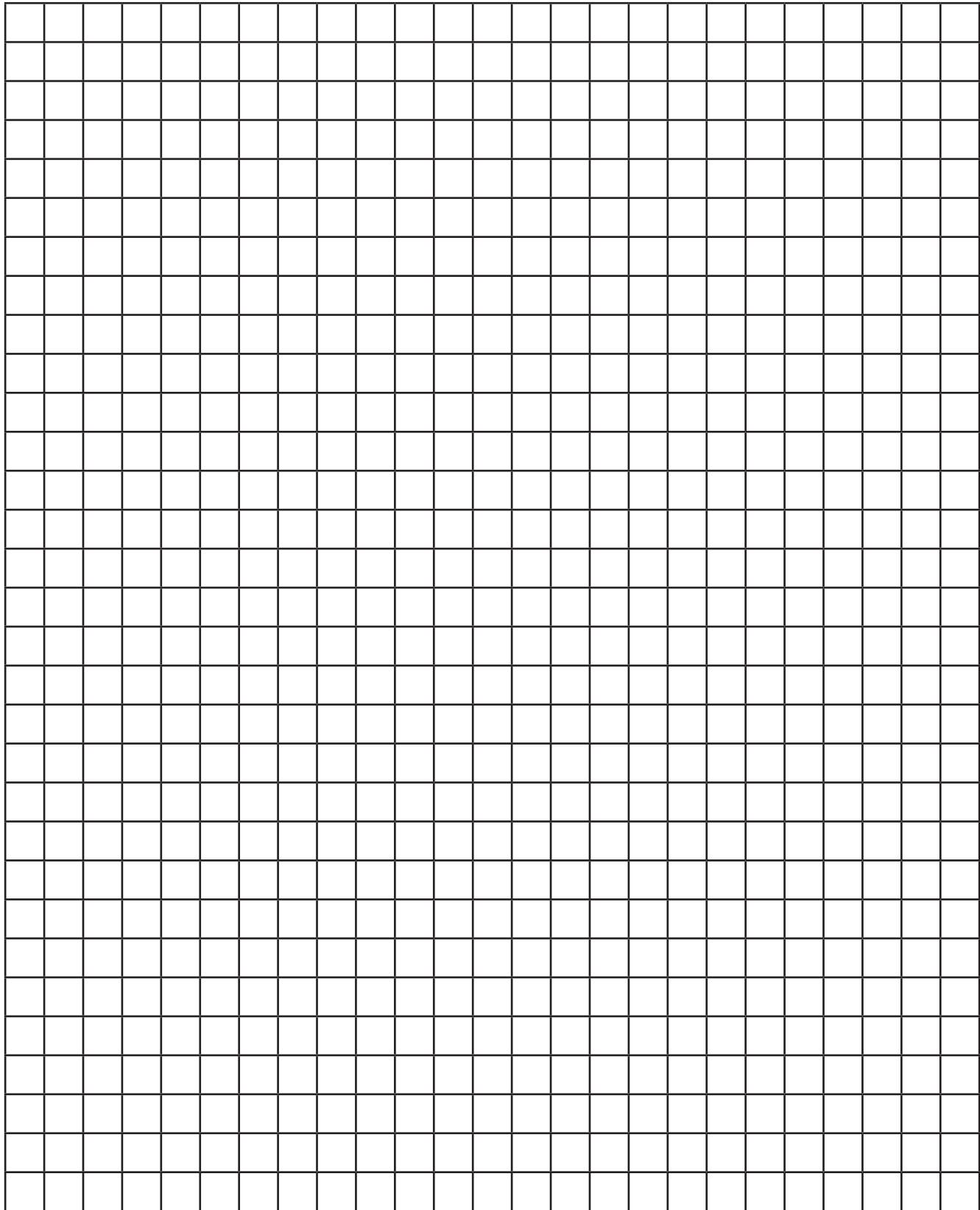
Tse sehwang 5



Tse sehwang 6



Tse sehwang 7

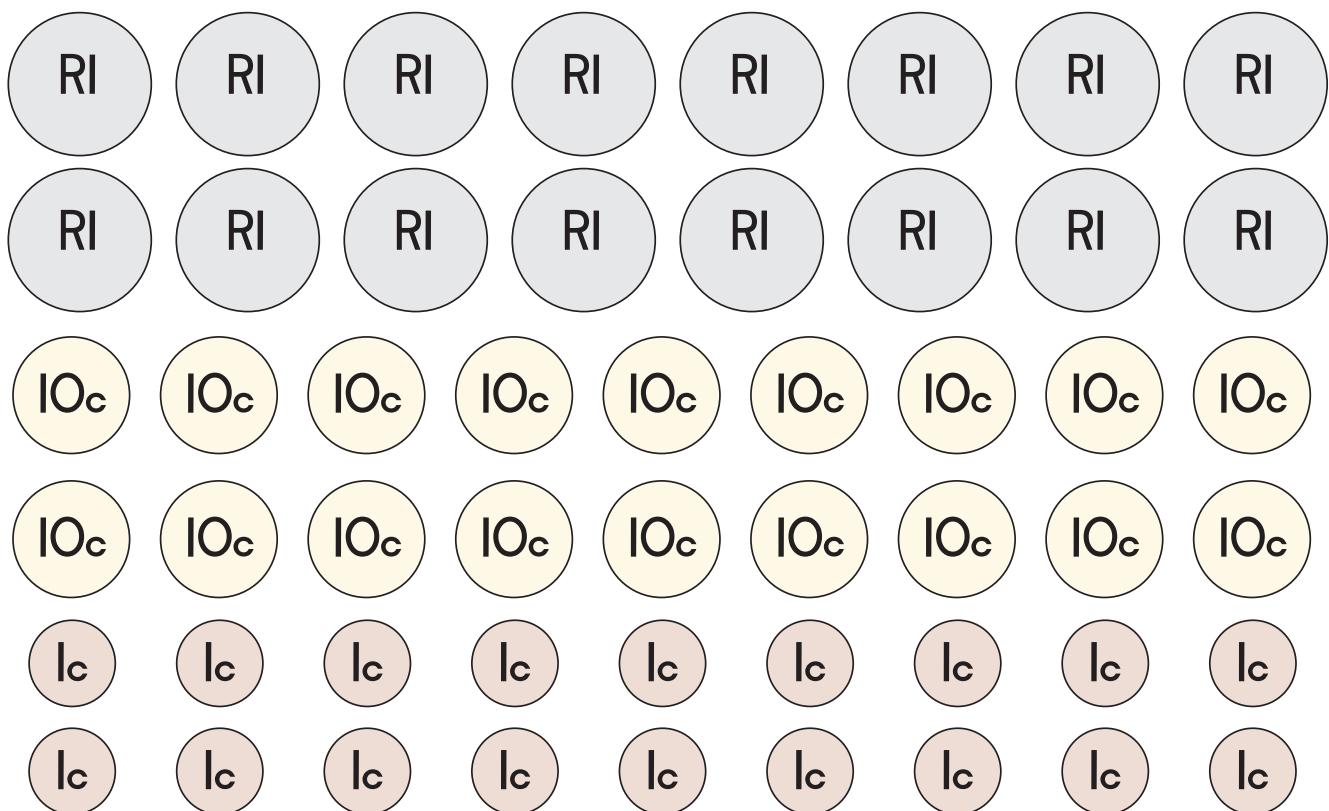


Tse sehwang 8

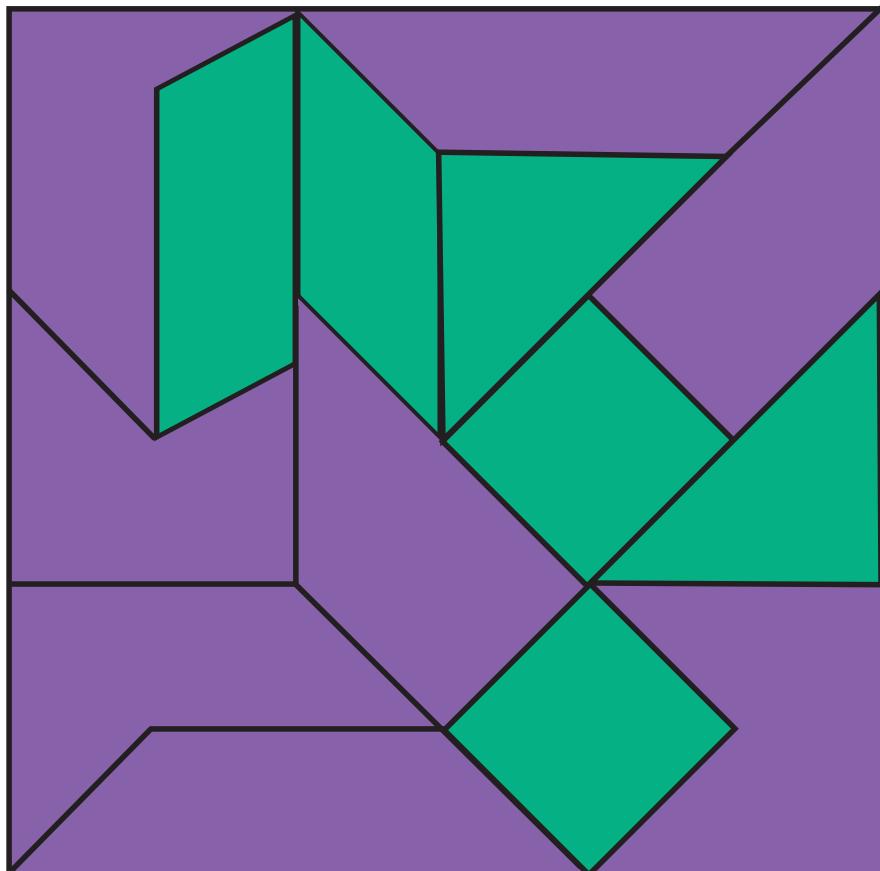
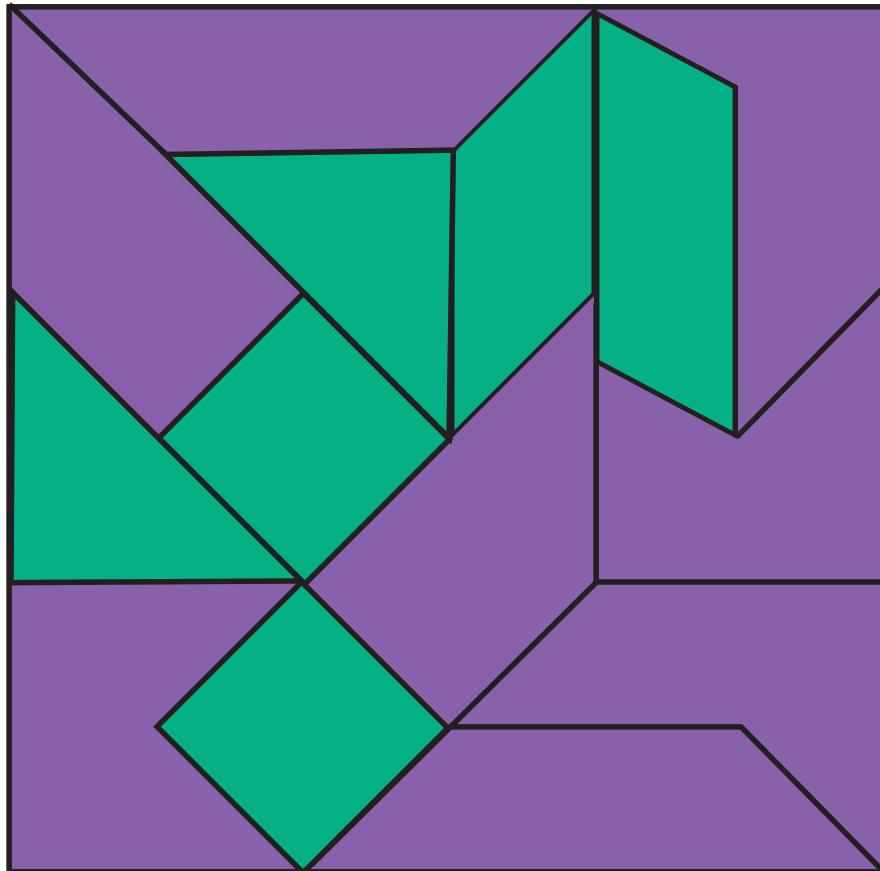
I _c	
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RIOs	
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Tse sehwang q

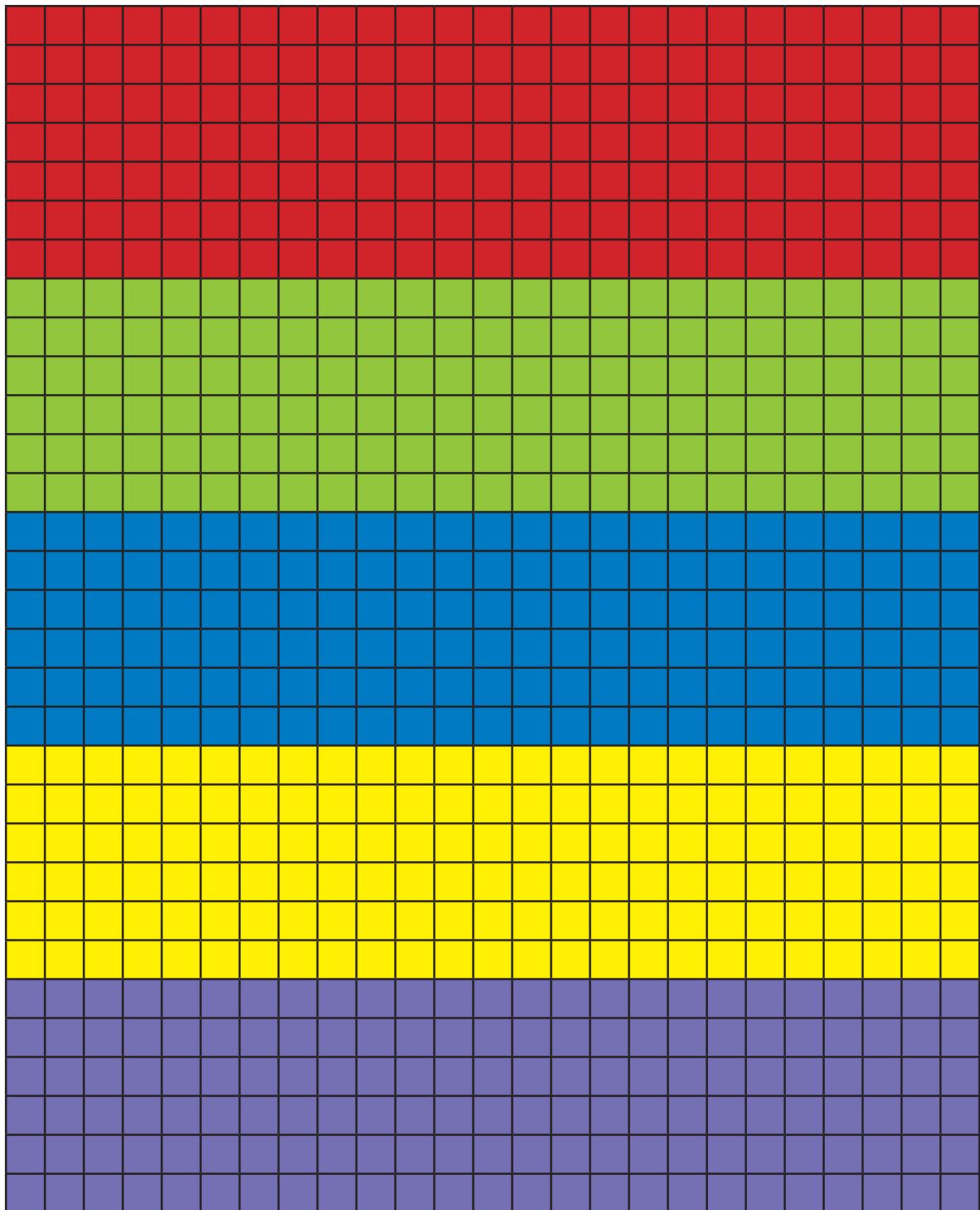
RIOO	RIOO	RIOO	RIOO
RIOO	RIOO	RIOO	RIOO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO



Tse sehwang IO



Cut-out II



Cut-out 12

