

# DIPALO KA SETSWANA

Buka 1  
Kgweditsharo  
1 & 2



**basic education**

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA



DIPALO KA SETSWANA – Mophato 3 Buka 1

ISBN 978-1-4315-0011-6

**Ithute ka ga Molaotheo wa Rephaboleki ya Afrika Borwa (1996)**

Molaotheo wa Afrika Borwa (1996) ke molao o o kwa godimo wa lefatshes. Molao o o kwa godingwana go na le Moporesidente, o kwa godingwana go na le dikgotlatshekelo e bille o kwa godingwana go na le mmuso.

O tlhalosa ka moo batho ba lefatshes la rona ba tshwanetseng go tshola ba bangwe ka teng, le gore ditshwanelo le maikarabelo a bona ke eng. Molaotheo wa lefatshes o teng go re sireletsa rotlhe jaanong, le bana ba rona ka moso.

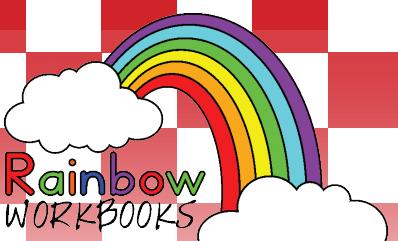
Ela tlho ko hisetori ya rona.	A re se keng ra boeletsa diphosha tsa hisetori ya rona.	Molaotheo wa rona o re thusa go akanya le go aga bokamoso jo bo botoka jwa bothi.
-------------------------------	---	---

Rona, re le batho ba Afrika Borwa;  
Re itse ditshiamololo tsa rona tse di fetileng;  
Re tlota ba ba bogetseng tshiamo le kgolosego mo lefatsheng la rona;  
Re tlota ba ba diretseng go aga le go tlhabolola naga ya rona; mme  
Re dumela gore Afrika Borwa ke ya bothi ba ba tshelang mo go yona, re tshwaragane mo go farologaneng ga rona.  
Rona ka jalo, ka baemedi ba re ba ithophetseng ka kgolosego, re amogela Molaotheo o jaaka Molaomogolo wa Rephaboliki gore re—  
alafe dikgogakgogano tse di fetileng mme re age Setshaba se se thailweng mo meetlong ya demokerasi, bosiamisi mo bathong le ditshwanelo tse di bothokwa tsa botho;  
tlhome metheo ya demokerasi le bosetshaba jo bo buletsweng bothi jo mo go bona puso e theilweng, mo thatong ya batho e bille moagi mongwe le mongwe a sireditsweng ka go lekana ke molao;  
tokafatse matshelo a baagi bothi le go golola neo ya mongwe le mongwe le;  
age Afrika Borwa e kopaneng ya demokerasi e e kgonang go tsaya maemo a yona a a siametseng jaaka naga e e ipusang mo tshikeng ya mafatshe.

Senka dits hwanelo tsa gago jaaka Moafrika borwa mme o tseye maika rabelo a gago a go si releta ditshwanelo tsa batho ba bang we.	Itse Molaothomo wa Ditshwanelo & Molaothomo wa Maikarabelo.
---	---

*May God protect our people.  
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.  
God seën Suid-Afrika. God bless South Africa.  
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.*

1 2 3 4



MATHEMATICS IN SETSWANA

GRADE 3 – BOOK 1

TERMS 1 & 2

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	Tse-di-segeletsweng 2	



Mme Angie Motshekga,  
Tona ya Lefapha  
la Thutotheo



Ng. Reginah Mhaule,  
Motlatsatona wa  
Lefapha la Thutotheo

Dibukatiro tse di kwaletswe bana ba Aforikaborwa ka fa tlase ga boeteledipele jwa Tona ya Lefapha la Thutotheo, Mme Angie Motshekga le Motlatsatona wa Lefapha la Thutotheo, Ng. Reginah Mhaule.

Dibukatiro tsa Rainbow ke phitlhelelo nngwe ya Lefapha la Thutotheo e e lebisitsweng mo go tokafatseng bokgoni jwa barutwana ba Aforikaborwa ba mephato e merataro ya ntlha jaaka e le maikaelelomagolo a Lenaneotiro la Puso. Porojeke e, e etleeditswé ke Lefapha la matlotlo la Bosetshaba. Ketleetso e, e kgontshitse Lefapha go kwala le go rebola dibukatiro tse mo dipuong tsotlhe tsa semmuso kwa ntle go tuelo epe.

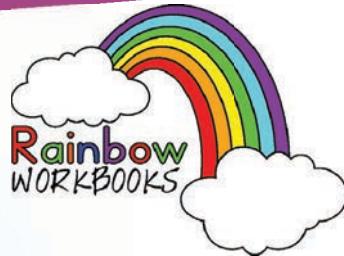
Re solo fela gore dibukatiro tse di tlaa tswela barutabana mosola mo go ruteng ga bona ga letsatsi le letsatsi, le mo go netefatseng gore barutwana ba digela kharikhulamo ya bona. Re netefaditse gore re kaela morutabana sentle mo tirong nngwe le nngwe ka go tsenyeletsa mesupatsela go bontsha gore ke eng se morutwana a tshwanetseng go se dira.

Re solo fela gore bana ba tlaa itumelela go dira mo bukeng e fa ba ntse ba gola e bile ba ithuta, le gore wena jaaka morutabana, o tlaa abelana le bona boitumelo jwa bona o tlaa e itumelela mmogo le bona.

Re go eleletsa katlego e kgolo mo tirisong ya dibukatiro tse, wena le barutwana ba gago.

Mophato

3



# Matsetsi KA SETSWANA

Buka e, ke ya ga:



SETSWANA

Buka

I



Letlha:

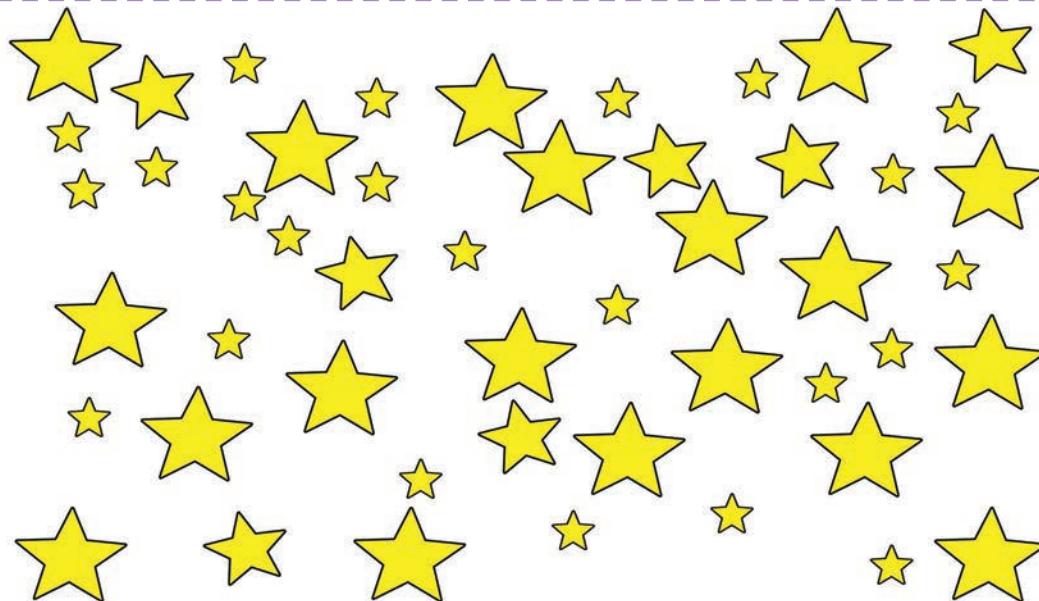
## Kgweditsharo I



### Bala, tlhaola o bo o bontsha!

Ke dinaledi di le kae?

Bapanya dikarabo.



Fopholetsa gore ke dinaledi di le kae. \_\_\_\_\_

Jaanong di bale. \_\_\_\_\_



**Batla mofenyi!**

Ke mang yo o fopholeditseng sentle?

Tlatsa maina a lona le dikarabo mo lenaneong le.

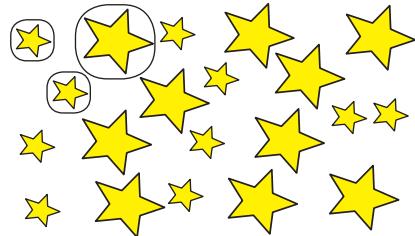
Leina				
Fopholetsa				
Palo e e badilweng				
Pharologano magareng ga phopholetso ya gago le palo ya gago				



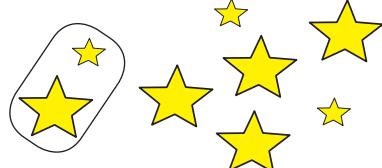
Ditsela tsa go bala. Re thusé go e kwala.



Ke badile  
I ka I.



I, 2, 3, \_\_\_\_\_  
\_\_\_\_\_

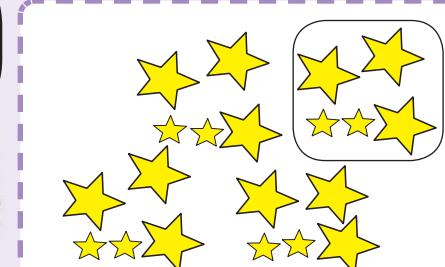


Ke badile  
ka bo2.

2, \_\_\_\_\_



Ke badile  
ka bo5.



5, \_\_\_\_\_  
\_\_\_\_\_



Morago  
ka bol0.



### Kwala dipolelopalo

Bala palogotlhe ya dinaledi  
tse dikgolo le tse dinnye mo setshwantshong se se mo  
tsebeng ya 2. Di kwale ka mekgwa e mebedi.

Kgolo      nnye      jaana

$$\star + \star = \underline{\quad}$$

le jaaka polelopalo.

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

kgotsa

$$\star + \star = \underline{\quad}$$

$$kgotsa \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$

Fa o tlhakanya dipalo  
dingwe le dingwe tse pedi  
ga go kgathalesege gore  
tatelano ya tsona ke efe.



11 12 13 14 15 16 17 18 19 20

||||||||||||||||||||||||||||||||||||||||

2

Letlha:

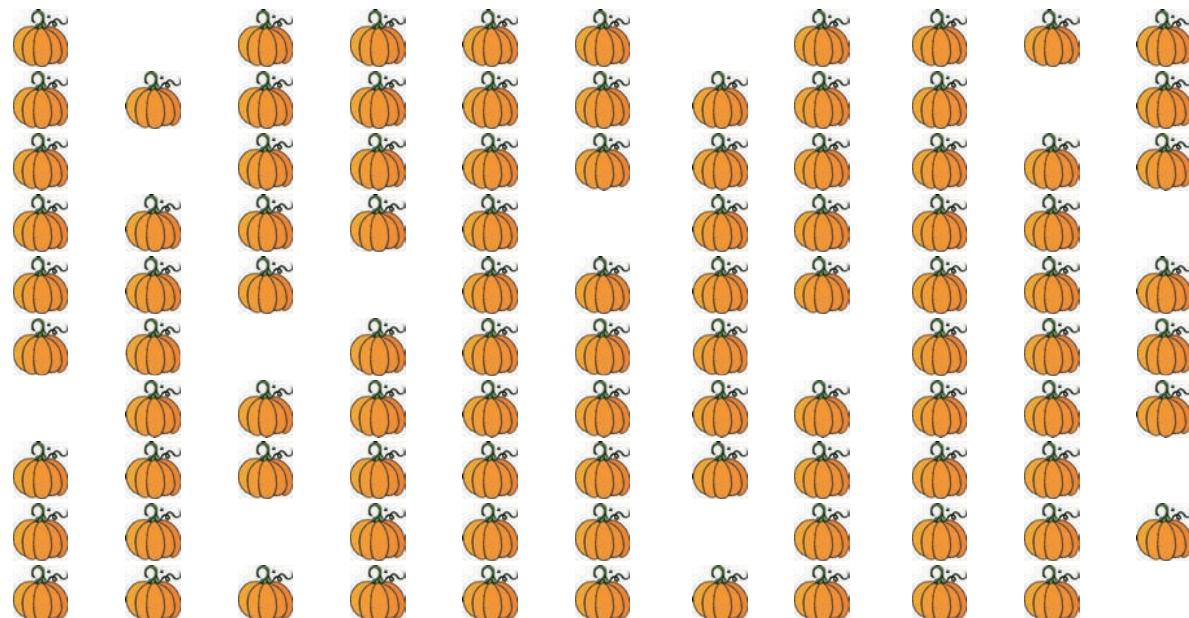
Kgwedittharo |



## Go bala go go botlhale

Bala maphutshe

Batla tsela e e bonolo ya go a bala!



Karabo: \_\_\_\_\_



Go paka maphutshe

Maphutshe a le lesome a tsena mo kgetseng e le nngwe.



O kgona go tlasa dikgetse di le kae ka maphutshe? \_\_\_\_\_

Ke maphutshe a le makae go feta? \_\_\_\_\_

Ke maphutshe a le makae a a tlhokegang gape go tlatsa kgetse  
e le nngwe gape? \_\_\_\_\_



Go tswa go + go ya go × (tlhakanya go ya go katiso)

Feleletsa dipolelopalo.

Sekao:

$$10 + 10 + 10 + 10 = 40 \Rightarrow 4 \text{ setlhophpha tsa } 10 = 40 \Rightarrow 4 \times 10 = 40$$



a.  $10 + 10 + 10 = \underline{\hspace{2cm}}$

$$\underline{\hspace{2cm}} \text{ ditlhophpha tsa } 10 = \underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

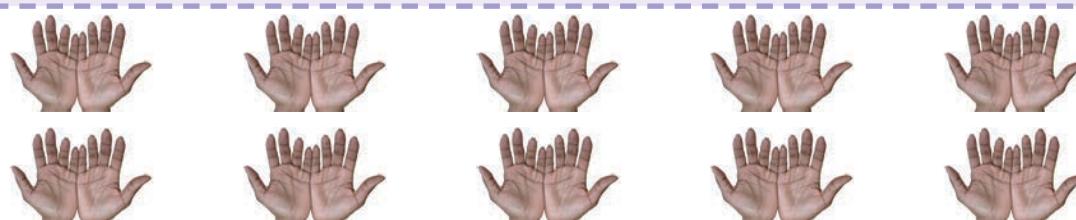


b.  $10 + 10 + 10 + 10 + 10 + 10 + 10 = \underline{\hspace{2cm}}$

$$\underline{\hspace{2cm}} \text{ ditlhophpha tsa } 10 = \underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Diatla le menwana



Diatla di le kae? \_\_\_\_\_ Menwana e le mekae? \_\_\_\_\_

Kwala karabo ya gago ka ditsela di le 2.

$$\underline{\hspace{2cm}} \text{ ditlhophpha tsa } 10 = \underline{\hspace{2cm}} \text{ le } \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



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

3a



Letihā:

Kgweditharo |



### Dipalo tse di buang

Bala mme o bue dipalo tsotlhe go tswa go 1 – 100. Supa fa o ntse o ya.

1	2	3	4	5	6		8	9	10
II									
						27			
				34					
41									
					55				
			63						
71									
						86			
				94					100



- Kwala nomore e e tlhaelang mo bolokong bo bongwe le bo bongwe jo bo botala jwa legodimo.
- Kwala dinomore tse dingwe.
- Dipalo tse di serolwana ke dipalo tsa mofuta mang?



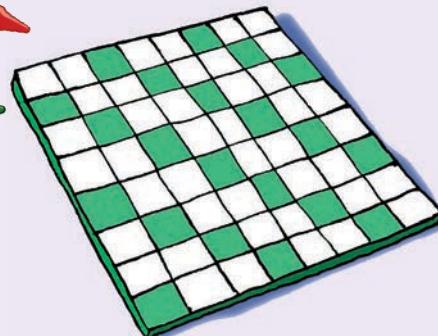
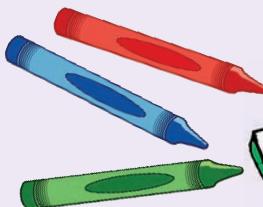
### Kwala dipalo ka mafoko

90	masomearobongwe	41	
77		56	
14		65	



Go bala le go khalara

Ipaakanyetse go bala mmala!



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

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

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

Bala o bo o khurumetsa  
bo10.

Bala le go khurumetsa bo5  
go tswa go 0 – 100.

Bala o bo o khurumetsa  
bo2.

Bala ka bo10 go tswa  
go 10 go ya go 100.

Bala ka bo5 go tswa  
go 5 go ya go 100.

Bala ka bo2 go tswa  
go 2 go ya go 100.

Kwala bo10 go ya go 100.

Kwala bo5 go ya go 80.

Kwala bo2 go ya go 50.



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

11 12 13 14 15 16 17 18 19 20

3b



Letlha:

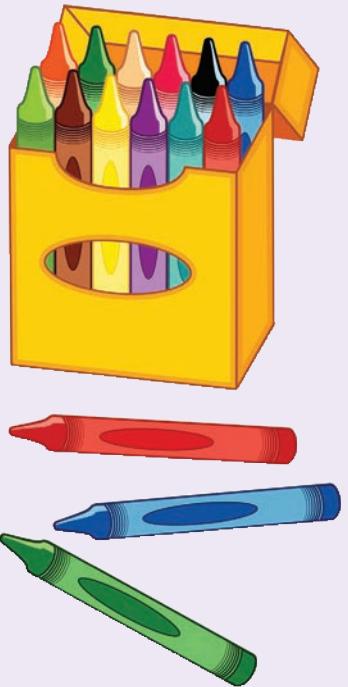
Kgveditharo |

## Dipalo tse di mo keriting (tsweletso)



Batla dipaterone

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



Tshwaya bo10 botlhe.

Tshwaya bo5 botlhe.

Tshwaya bo2 botlhe.

Kwala dipalo tsa ntlhā tse 20 tse di mo dipateroneng tsa 2 le 5.



Go bala diphethene kana dipaterone

Tlatsa dinomore tse di tlogetsweng.

0; 10; 20; \_\_\_\_\_; \_\_\_\_\_; 50; \_\_\_\_\_; \_\_\_\_\_; 80; \_\_\_\_\_; 100; \_\_\_\_\_;  
\_\_\_\_\_; 130; \_\_\_\_\_; \_\_\_\_\_; 160; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 200

0; 5; 10; \_\_\_\_\_; \_\_\_\_\_; 25; \_\_\_\_\_; \_\_\_\_\_; 40; \_\_\_\_\_; 50; 55; \_\_\_\_\_;  
\_\_\_\_\_; 70; \_\_\_\_\_; \_\_\_\_\_; 85; \_\_\_\_\_; \_\_\_\_\_; 100

0; 2; 4; 6; \_\_\_\_\_; \_\_\_\_\_; 12; \_\_\_\_\_; \_\_\_\_\_; 18; \_\_\_\_\_; 22; 24; \_\_\_\_\_;  
\_\_\_\_\_; 30; \_\_\_\_\_; \_\_\_\_\_; 36; 38; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 46; \_\_\_\_\_;

0; \_\_\_\_\_; 8; \_\_\_\_\_; 16; 20; \_\_\_\_\_; 28; \_\_\_\_\_; 36; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_;  
52; \_\_\_\_\_; \_\_\_\_\_; 64; \_\_\_\_\_; 72; \_\_\_\_\_; 80

0; \_\_\_\_\_; 10; \_\_\_\_\_; 20; \_\_\_\_\_; 30; \_\_\_\_\_; 40; \_\_\_\_\_; \_\_\_\_\_; 55;  
60; \_\_\_\_\_; 70; 75; \_\_\_\_\_; 85; \_\_\_\_\_; \_\_\_\_\_; 100

0; 3; \_\_\_\_\_; 9; \_\_\_\_\_; 15; 18; \_\_\_\_\_; 24; \_\_\_\_\_; \_\_\_\_\_; 33; \_\_\_\_\_; 39;  
\_\_\_\_\_; 45; \_\_\_\_\_; \_\_\_\_\_; 54; 57; \_\_\_\_\_; 63; \_\_\_\_\_; \_\_\_\_\_; 72; 75



11 12 13 14 15 16 17 18 19 20

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Letihā:



Go bontsha dipalo tsa gago

Sega dikaratapalo go tswa mo Papetlaneng ya Tse-di-segeletsweng ya l.  
Dirisa dikarata go aga dipalo tse.

1q

43

6q

54

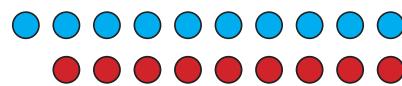
35

1 0

q



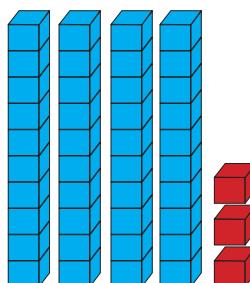
1q



1 0 q

$$10 + q = 1q$$

43



1 0  
1 0  
1 0  
1 0 3

$$40 + 3 = 43$$

Jaanong itirele yona mabapi le dipalo tse, o dirisa Tse-di-segeletsweng l.

54

35

6q

10

1 2 3 4 5 6 7 8 9 10



Go kwala dipalo tse.

Re go diretse ya ntlha.

Gape re ka nna ra  
re bonngwe ba le q.



Iq	10 + q	lesome le le l + metso e le q	Lesomerobongwe
43			
69			
54			
35			
21			
73			
44			
32			
89			
17			
95			
56			
68			
67			



Kwala dipalo tsa ntlha tse tlhano, mo theiboleng, go ya ka tatelano go tloga ka e nnyennye go fitlha ka e kgolokgolo.

\_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Teacher:

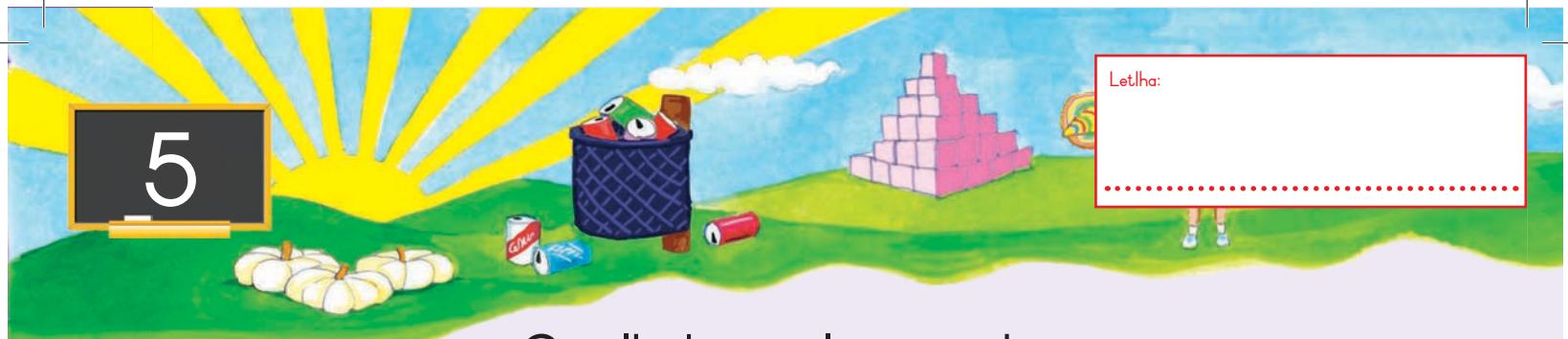
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

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5



Letlha:

.....

## Go tlhakanya le go ntsha



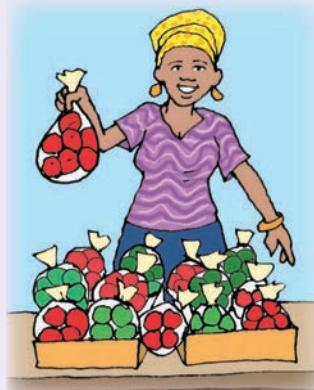
### Setolo sa ga Lebo

Mo mosong Lebo o na le dipakete di le 19 tsa diapole.

Ka nako ya dijo tsa motshegare o setse ka dipakete di le 13.

a. Lebo o rekisa dipakete di le kae? \_\_\_\_\_

b. Kwala karabo ya gago jaaka polelopalo.  
\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_



Kwala polelopalo e nngwe go bontsha karabo e e tshwanang.

$$15 - 9 = 6 \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}}$$



### Poeletso ya palo

Kwala dikarabo.

$$1 + 2 = 3$$

Dirisa ...  
+ - =

$10 + 5 =$ <input type="text"/>	$11 + 6 =$ <input type="text"/>	$14 - 9 =$ <input type="text"/>	$14 - 8 =$ <input type="text"/>
$11 + 5 =$ <input type="text"/>	$17 + 2 =$ <input type="text"/>	$19 - 7 =$ <input type="text"/>	$14 - 5 =$ <input type="text"/>
$12 + 6 =$ <input type="text"/>	$3 + 13 =$ <input type="text"/>	$16 - 5 =$ <input type="text"/>	$16 - 13 =$ <input type="text"/>
$17 + 2 =$ <input type="text"/>	$4 + 15 =$ <input type="text"/>	$15 - 10 =$ <input type="text"/>	$19 - 7 =$ <input type="text"/>



5  9  14

Dikao tsa lelapa le la dipalo ke tse.

$9 + 5 = 14$	$5 + 9 = 14$
$\underline{14} - 9 = 5$	$14 - 5 = 9$



A o kgona go bona malapa otlhé a dipalo a 14?

$1 + 13 = 14$	$13 + 1 = 14$	$14 - 1 = 13$	$14 - 13 = 1$
$2 + 12 =$			
$3 + 11 =$			
$4 + 10 =$			
$5 + 9 =$			
$6 + 8 =$			
$7 + 7 =$			



Ké ya go dira jalo  
ka 12.

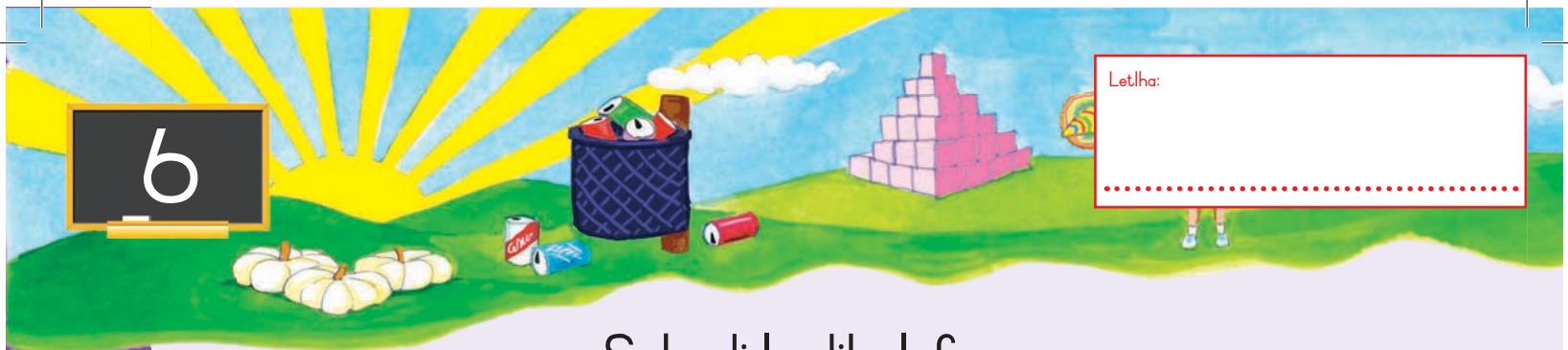
12

$1 + 11 = 12$			
$2 + 10 = 12$			
$3 + 9 = 12$			
$4 + 8 = 12$			
$5 + 7 = 12$			
$6 + 6 = 12$			



11 12 13 14 15 16 17 18 19 20

b



Letlha:

Kgweditsharo I

## Sebedi le dihalofo

A o a gopola?

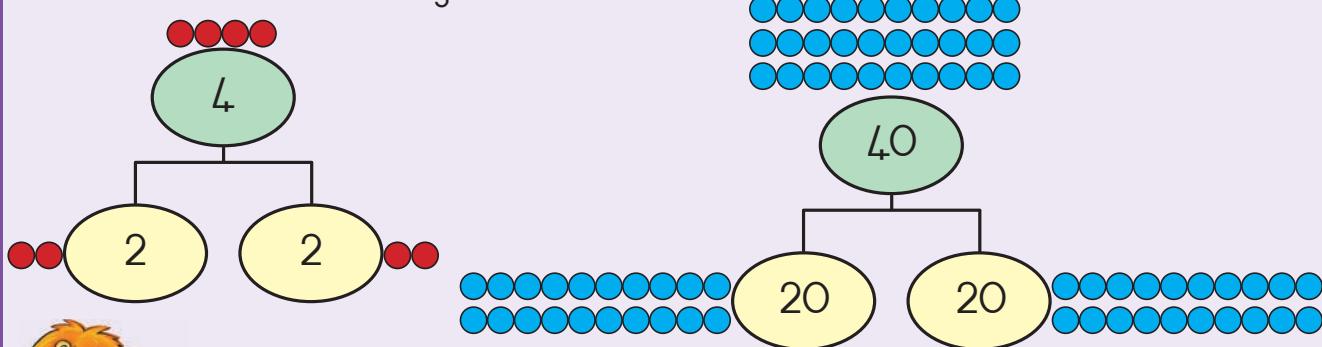
2 ke halofo ya 4

20 ke halofo ya 40

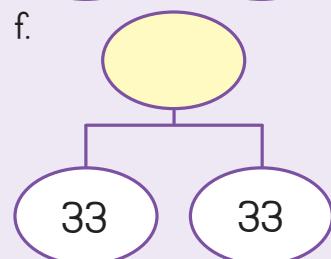
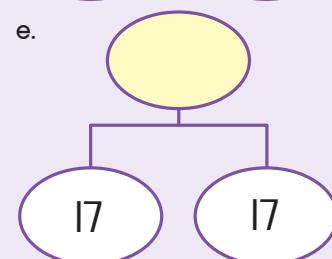
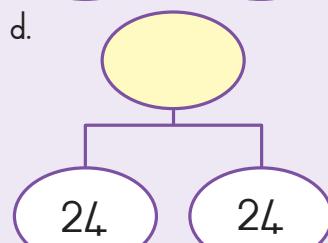
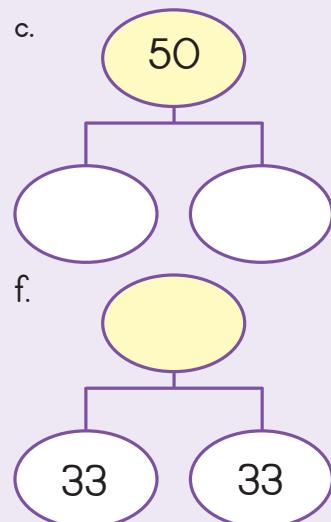
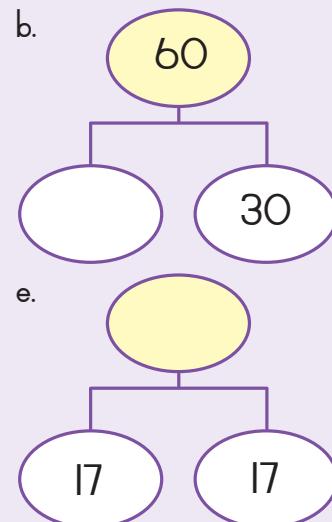
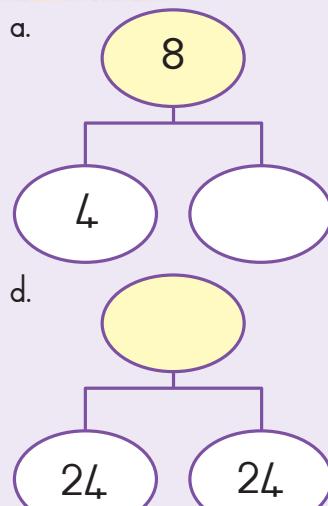
4 ke 2 gabedi

40 ke 20 gabedi

Re ka bontsha seno mo sethalong ...



Go batla sebedi kgotsa dihalofo



Kgwetlho

Batla halofo e le nngwe ya 3.

Bontsha jaaka palo kgotsa leinapalo.  
Sethalo kana setshwantsho se ka go thusa.



Ntsifatsa palo gabedi o dirisa molapalo.  
O filwe sekao sa ntsha.

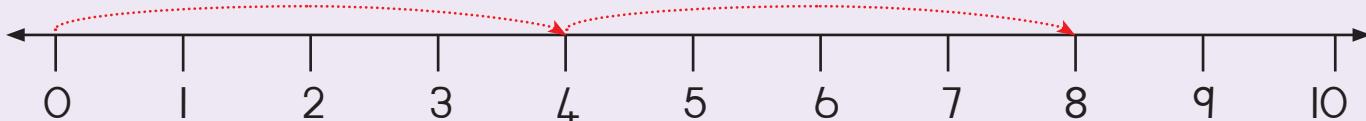
4 Gabedi

$$\boxed{4}$$

+

$$\boxed{4}$$

$$= \boxed{8}$$



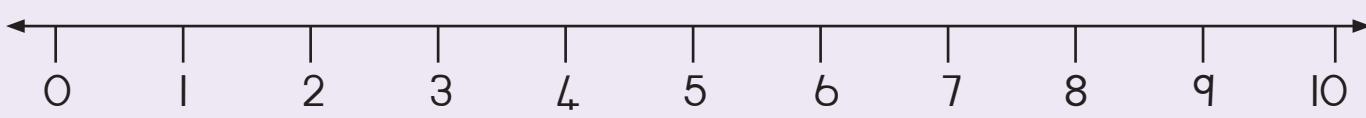
5 Gabedi

$$\boxed{\phantom{0}}$$

+

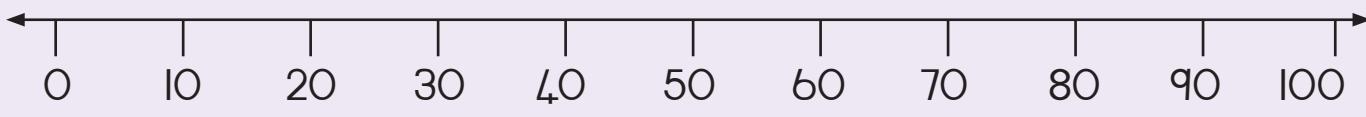
$$\boxed{\phantom{0}}$$

$$= \boxed{\phantom{0}}$$



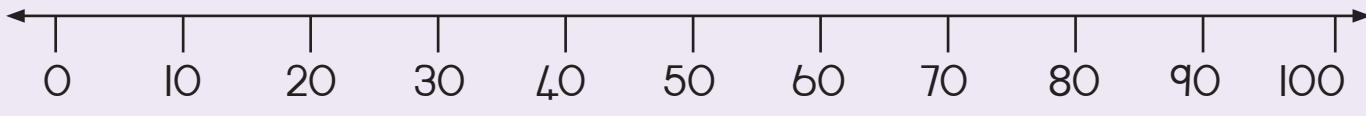
20 Gabedi

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



40 Gabedi

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Feleletsa tse di latelang

- |              |   |
|--------------|---|
| a. 1 Gabedi  | 2 |
| b. 6 Gabedi  |   |
| c. 10 Gabedi |   |
| d. 30 Gabedi |   |
| e. 50 Gabedi |   |



Feleletsa tse di latelang

- |                          |   |
|--------------------------|---|
| a. Ripa kgotsa hafola 6  | 3 |
| b. Ripa kgotsa hafola 8  |   |
| c. Ripa kgotsa hafola 14 |   |
| d. Ripa kgotsa hafola 60 |   |
| e. Ripa kgotsa hafola 70 |   |



11 12 13 14 15 16 17 18 19 20

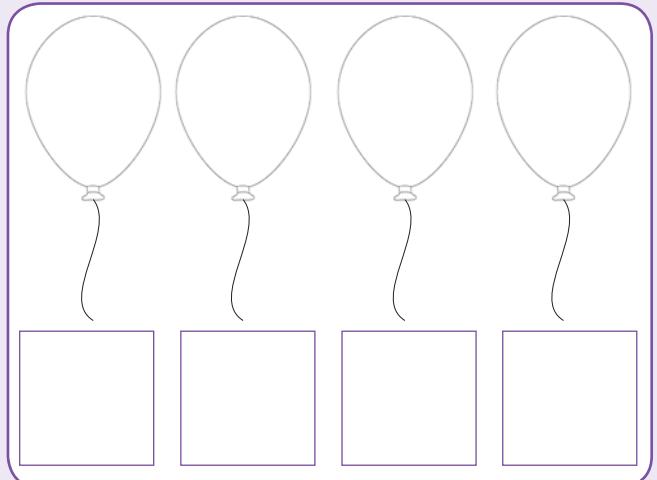
||||| ||||| ||||| ||||| ||||| ||||| |||||



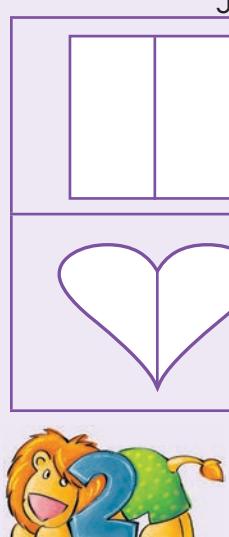
## Dipalophatlo

Khalara kotara e le nngwe ya dibalunu ka bohibidu  
mme tse di setseng ka botala jwa legodimo

Khalara halofo e le lengwe ya lebokoso le lehibidu.

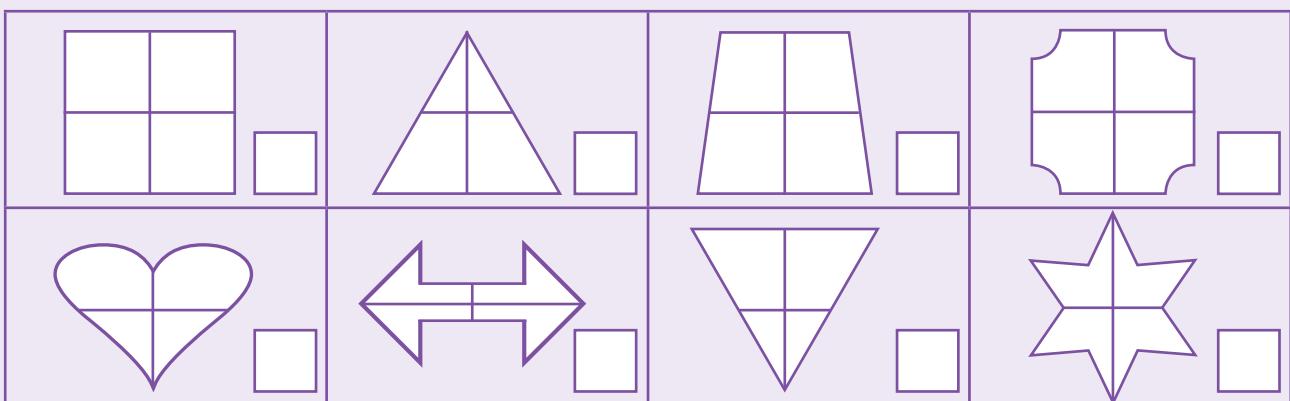


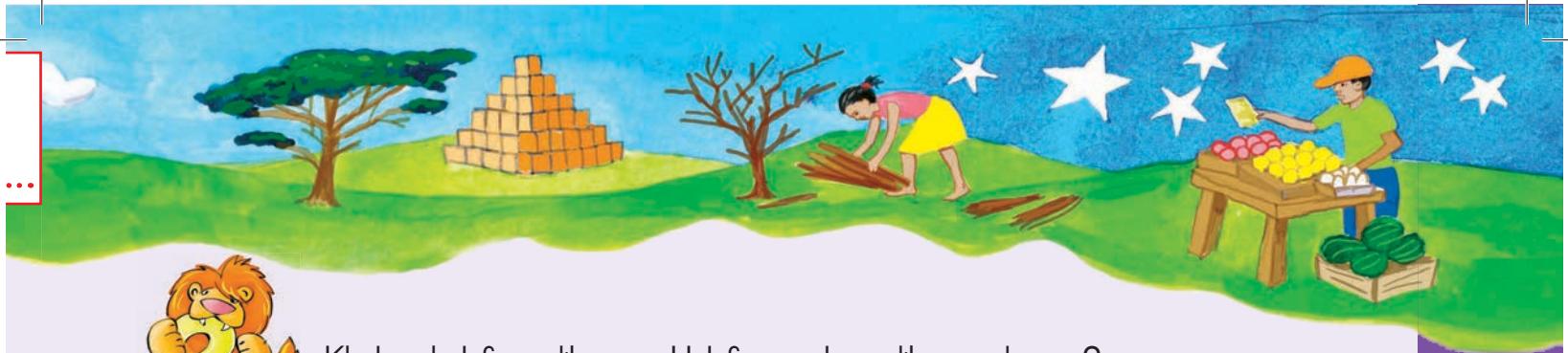
Lebelela dibopego. Tshwaya dibopego tse  
di bontshang dihalofo.



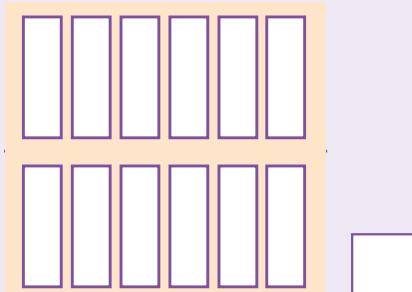
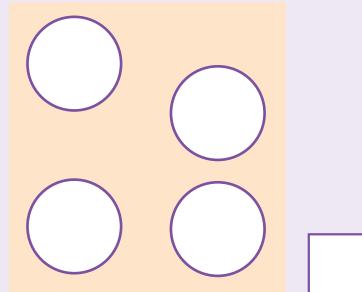
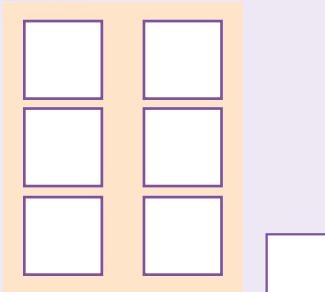
Lebelela dibopego. Tshwaya dibopego tse di bontshang dikotara.

Khalara kotara e le nngwe ya sebolepego sengwe le sengwe se se kgaogantsweng  
ka dikotara.

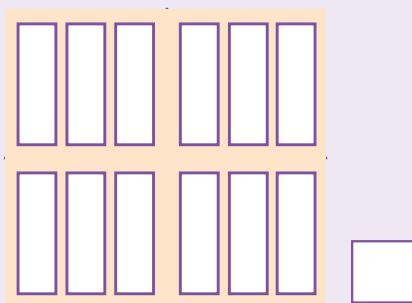
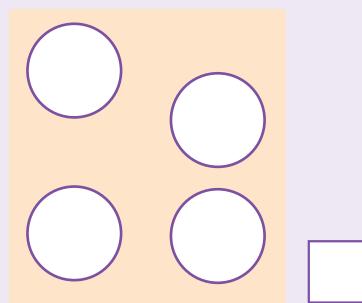
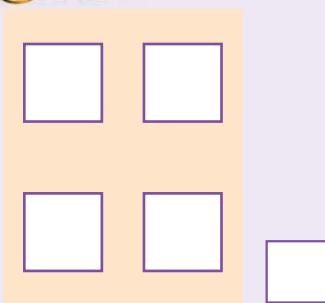




Khalara halofo ya dibopego. Halofo ya palo ya dibopego ke eng?



Khalara kotara ya dibopego. Kotara ya palo ya dibopego ke eng?



Kwala jaaka palophatlo.

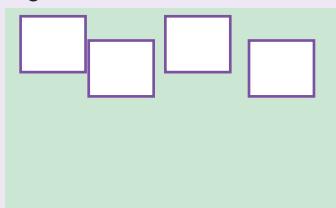
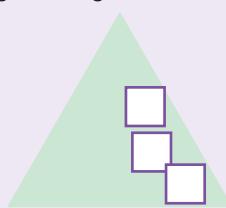
dihalofo



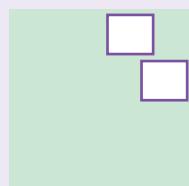
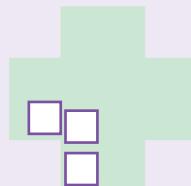
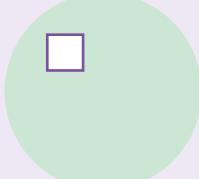
dikotara

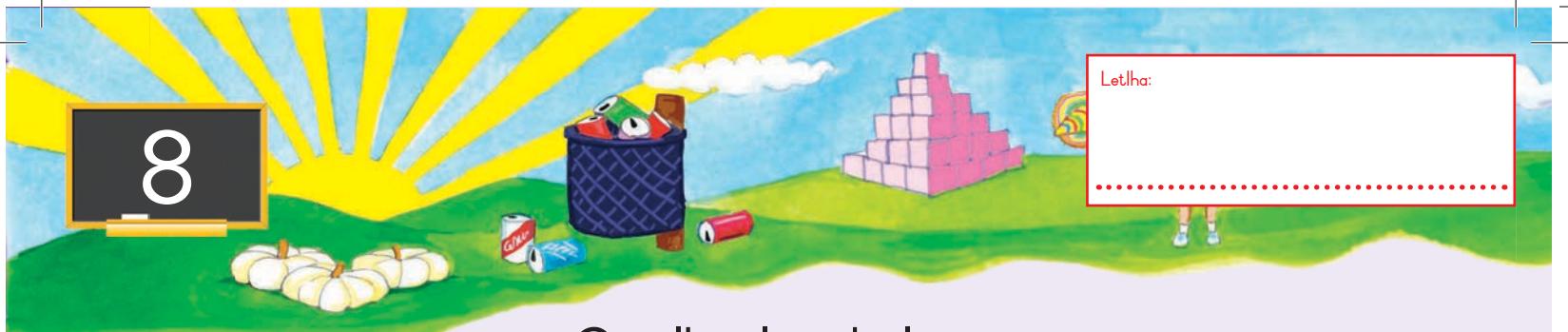


Thala dibopego tse dingwe go dira gore halofo nngwe le nngwe e lekane.



Thala dibopego tse dingwe go dira gore kotara nngwe le nngwe e lekane.





Letlha:

.....

## Go tlhaola tšhelete



**Kwa setokofelengl!**

MmaLubisi o bala le go tlhaola tšhelete go tswa mo setlhopheng.



Fopholetsa palogotlhe ya tlhwatlhwa. R \_\_\_\_\_

Bala tšhelete. R \_\_\_\_\_

Bapanya  
diphopholetso le  
dipalogotlhe.



**Go boloka tšhelete**

Gugu o bolokela para ya ditlhako e e jang R89.  
Go fitlha gajaana o na le halofo ya tlhwatlhwa.  
O tlhoka bokae gape?  
Kwala polelopalo go bontsha karabo ya gago.



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



## Kwa bankeng

Maria o tlhaola madi a dipampiri ka diphaele tsa 5.

O na le madi a dipampiri a a setseng.

Kwala dipalogotlhhe tsa setshwantsho se sengwe le se sengwe.



Tlhwatlhwa



R \_\_\_\_\_



R \_\_\_\_\_



R \_\_\_\_\_



## Kgwetlhlo

Leeto go ya kwa serapeng sa diphologolo

Bagolo le bana ba ya kwa serapeng sa diphologolo.

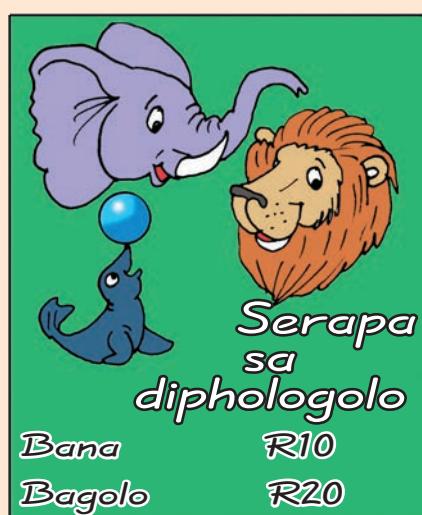
Ba reka ditekete tsa R90.

Bana ba bakae? \_\_\_\_\_

Bagolo ba bakae? \_\_\_\_\_

A go na le karabo e nngwe?

Bagolo \_\_\_\_\_ Bana \_\_\_\_\_





Letihā:

.....



## Diphethene

Dirisa boto e ya dipalo ya 200 go araba dipotso.

I	2	3	4	5	6	7	8	9	10
II	I2	I3	I4	I5	I6	I7	I8	I9	I0
I1	22	23	24	25	26	27	28	29	30
3I	32	33	34	35	36	37	38	39	40
4I	42	43	44	45	46	47	48	49	50
5I	52	53	54	55	56	57	58	59	60
6I	62	63	64	65	66	67	68	69	70
7I	72	73	74	75	76	77	78	79	80
8I	82	83	84	85	86	87	88	89	90
9I	92	93	94	95	96	97	98	99	I00
I0I	I02	I03	I04	I05	I06	I07	I08	I09	I10
I1I	I12	I13	I14	I15	I16	I17	I18	I19	I20
I2I	I22	I23	I24	I25	I26	I27	I28	I29	I30
I3I	I32	I33	I34	I35	I36	I37	I38	I39	I40
I4I	I42	I43	I44	I45	I46	I47	I48	I49	I50
I5I	I52	I53	I54	I55	I56	I57	I58	I59	I60
I6I	I62	I63	I64	I65	I66	I67	I68	I69	I70
I7I	I72	I73	I74	I75	I76	I77	I78	I79	I80
I8I	I82	I83	I84	I85	I86	I87	I88	I89	I90
I9I	I92	I93	I94	I95	I96	I97	I98	I99	200



Dirisa boto ya dipalo ya 200 go feleletsa dipalo tse di latelang tse nne mo diphetheneng tse tsa dipalo. Morago o khalare phethene mo botong ya dipalo.

I05, I10, I15, _____	87, 90, 93, _____
36, 40, 44, _____	184, 186, 188, _____
70, 65, 60, _____	138, 135, 132, _____
180, 176, 172, _____	14, 12, 10, _____



Kwala dipalo tse di latelang mo phetheneng nngwe le nngwe.  
Morago o khalare phethene. O lemoga eng ka ga dipalo tse di fifaditsweng  
ka mmala o o tshwanang?

Go bala ka botlhano

			5			10			

Go bala ka bopedi

	2	4							

Go bala ka botharo

		3		6					

Go bala ka bolesome

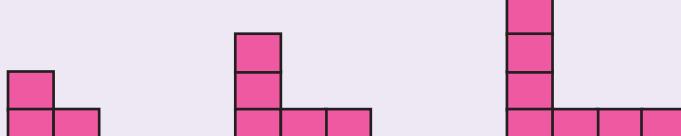
									10



Atolosa phethene







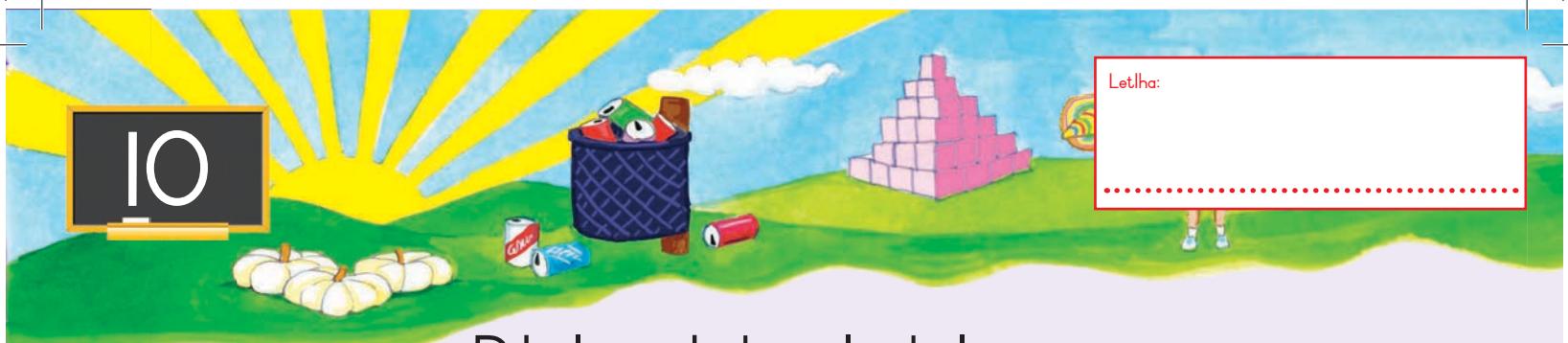


Teacher:  
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Date:

11 12 13 14 15 16 17 18 19 20

||||||||||||||||||||||||||||||||||||

10



Letsha:

Kgwenditharo I

## Dibolo, mabokoso le disilintara



Sekeltsa mabokoso ka botala jwa legodimo, dibolo ka bohibidu le disilintara ka botala jwa tlhaga.

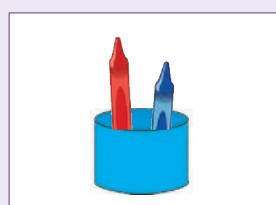


Khalara karabo e e nepagetseng.



Lebokoso

diselaete      Dirolo



Silintara

diselaete      Dirolo



Bolo

diselaete      Dirolo



Khalara karabo e e nepagetseng.



losi lo lo tshekeletsa

Losi lo lo  
tlhamaletseng



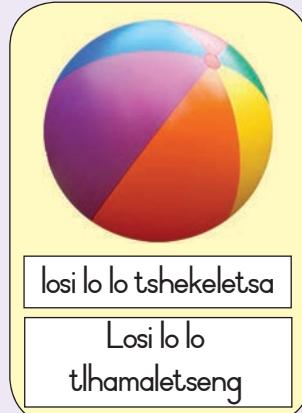
losi lo lo tshekeletsa

Losi lo lo  
tlhamaletseng



losi lo lo tshekeletsa

Losi lo lo  
tlhamaletseng



losi lo lo tshekeletsa

Losi lo lo  
tlhamaletseng



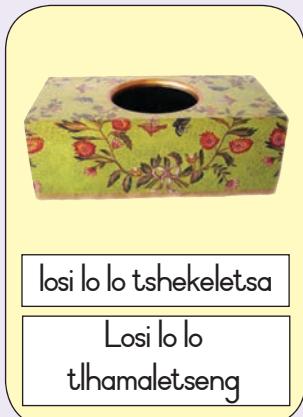
losi lo lo tshekeletsa

Losi lo lo  
tlhamaletseng



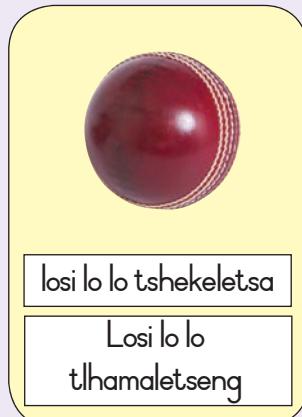
losi lo lo tshekeletsa

Losi lo lo  
tlhamaletseng



losi lo lo tshekeletsa

Losi lo lo  
tlhamaletseng



losi lo lo tshekeletsa

Losi lo lo  
tlhamaletseng



Bua gore a kgwele e kwa morago, kwa pele ga, fa thoko kgotsa kwa godimo  
ga lebokoso.



kwa  
morago

fa pele ga

fa thoko  
ga

kwa godimo  
ga



kwa  
morago

fa pele ga

fa thoko  
ga

kwa godimo  
ga



kwa  
morago

fa pele ga

fa thoko  
ga

kwa godimo  
ga



kwa  
morago

fa pele ga

fa thoko  
ga

kwa godimo  
ga

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



Letlha:

Thala, naya leina mme o bapise  
dibopego tsa matlhakoremabedi



Thala dibopego

Khutlotharo

Sediko

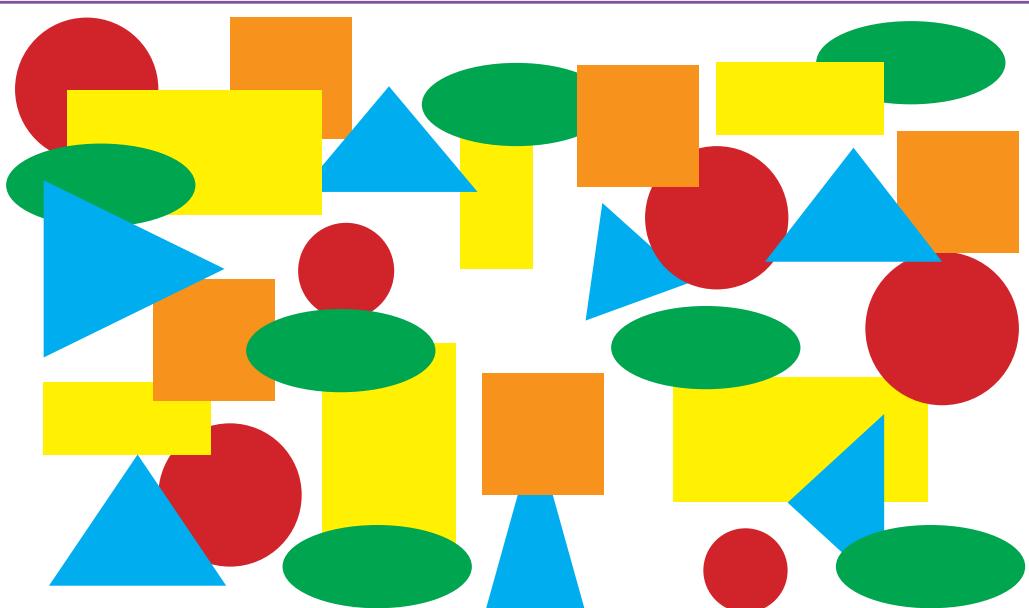
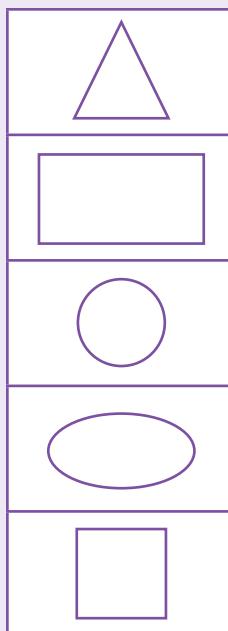
Sekwere

Khultonnetsepa



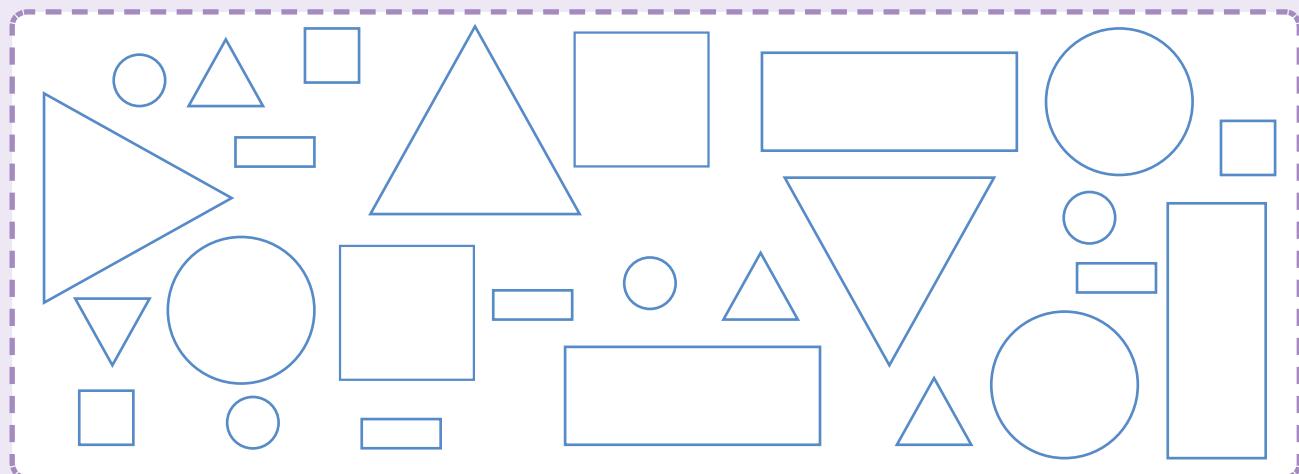
Bala dibopego

Bala gore ke dibopego di le kae tse di tshwanang le tse o ka di bonang mo setshwantshong.





Khalara didiko tsotlhhe ka bohibidu,  
didiko tse dinnye botala jwa tlhaga;  
dikhutloharo tse dikgolo botala jwa legodimo, dikhutloharo  
tse dinnye mmala wa namune; dikwere tse dikgolo boserolwana,  
dikwere tse dinnye phepole; dikhutlonnetsepa tse dikgolo bohunou,  
dikhutlonnetsepa tse dinnye ka bopinki.



### Ke matlhakore a le makae?

Sebopego se sengwe le se sengwe se na le matlhakore a le makae?

Kwala palo mo bolokong. **Re go diretse e le nngwe.** A matlhakore a tlhamaletse kgotsa a tshekeletsa?

Khalara karabo e e nepagetseng.

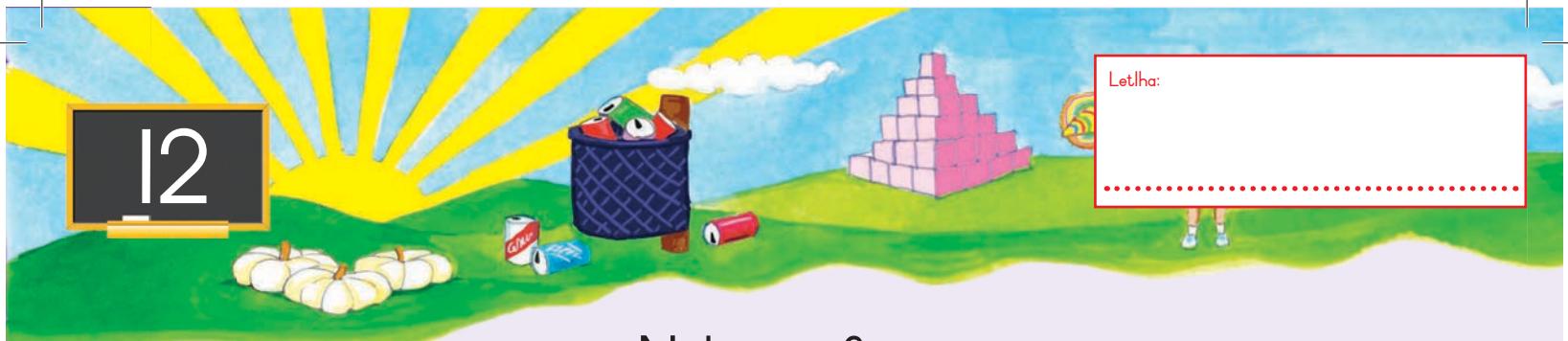
tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa	tlhamaletse

tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa

Teacher:  
Sign:  
Date:

12



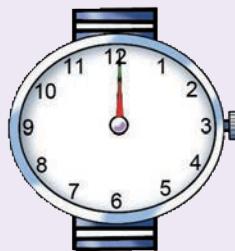
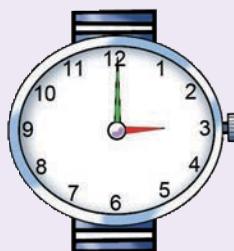
Letihā:

## Nako e a feta



Go buisa nako

Ditshupandako tse di bontsha nako mang?



ura ya \_\_\_\_\_

ura ya \_\_\_\_\_

ura ya \_\_\_\_\_

ura ya \_\_\_\_\_



Tlola go dikologa tleloko

Thusa Pebanyana go bala metsotso ka bo5.

Simolola kwa go 12. Dikologa tsela yotlhe.



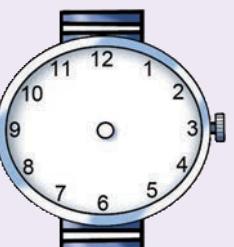
O bala metsotso e mekae? \_\_\_\_\_

Go metsotso e mekae mo ureng e le! ? \_\_\_\_\_



Go kwala nako

Thala diatla go bontsha dinako.



kotara morago ga ura ya 6 seripa morago ga ura ya 8 kotara go ya ureng ya 11 halofo morago ga 5



Tumi o tsamaya ka maoto go ya sekolong.



O tswa kwa gae.



O fitlha kwa sekolong.

Tumi o tsaya lobaka lo lo kae? \_\_\_\_\_

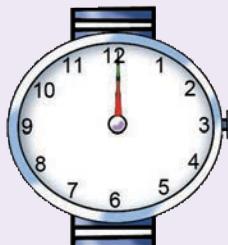


Letsatsi la go baka

Maria o baka borotho.



Borotho bo tsena  
mo ontong.



Borotho  
bo a tswa.



Borotho bo bakiwa diura di le \_\_\_\_\_.



Kgwetlho

Mo nakong gabedi

a. Fetolela diura go metsotso.

Diura	1	2	4	8
Metsotso	60			

Ke kgona go bona phethene.



b. Jabu o tsaya metsotso e le 45 go tsena kwa sekolong. Tumi o tsaya nako eo gabedi.

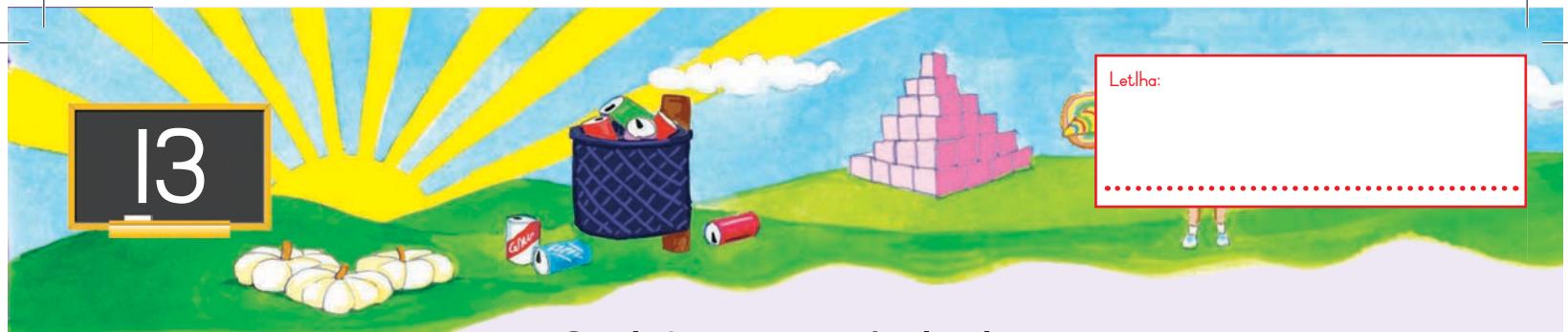
Tumi o tsaya diura di le kae go fitlha kwa sekolong? \_\_\_\_\_

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

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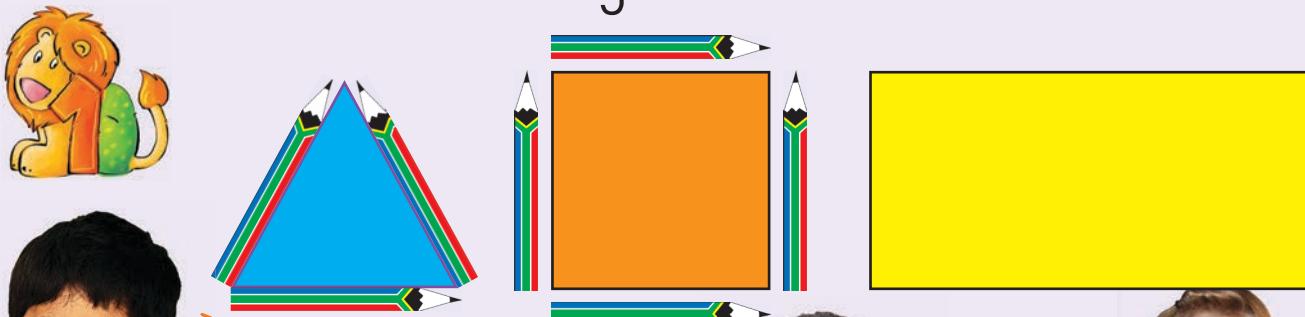
13



Letlha:

Kgweditharo |

## Go lekanyetsa boleele



Matlhakore otlhe  
a khutlotharo  
e fa a le mmogo  
a boleele jwa  
diphensele di le 3.



Matlhakore otlhe  
a sekwere se  
fa a le mmogo  
a boleele jwa  
diphensele di le 4.

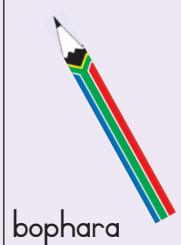
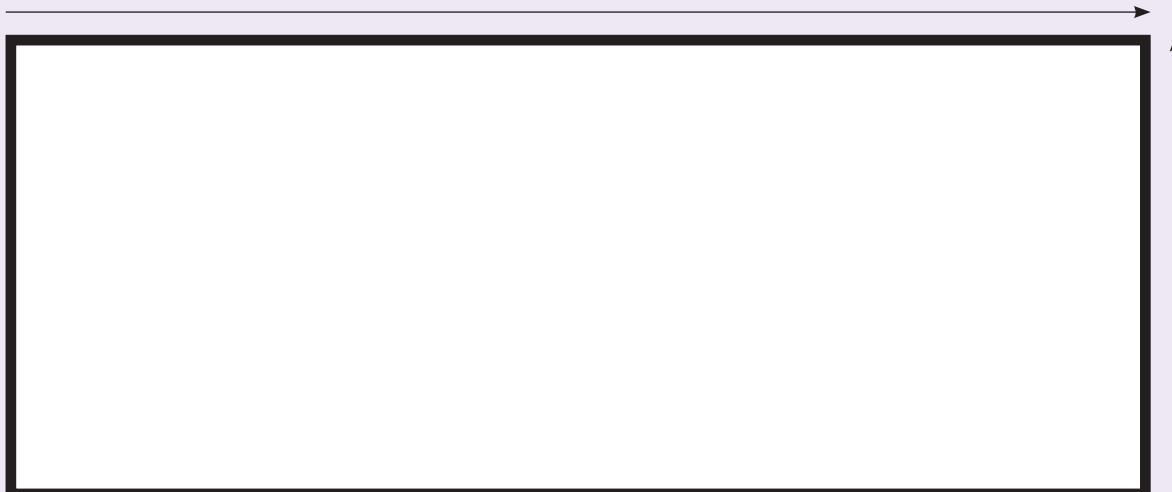


Ke ipotsa gore  
khutlonnetsepa  
e boleele le  
bophara jo bo  
kana kang.

Khutlonnetsepa e boleele jwa diphensele di le kae?

Khutlonnetsepa e bophara jwa diphensele di le kae?

boleele



O dirisitse diphensele jang go bala?

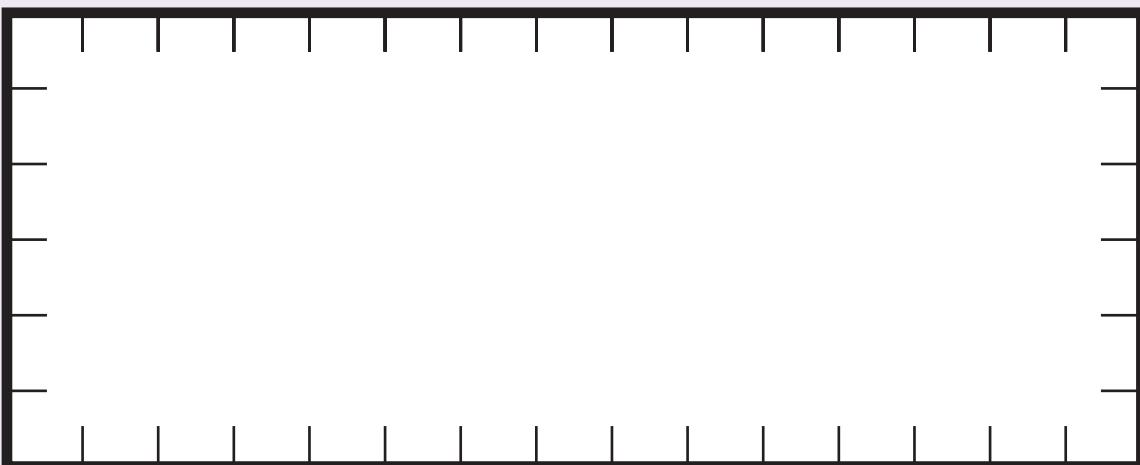


Boleele jo bo sa itseweng

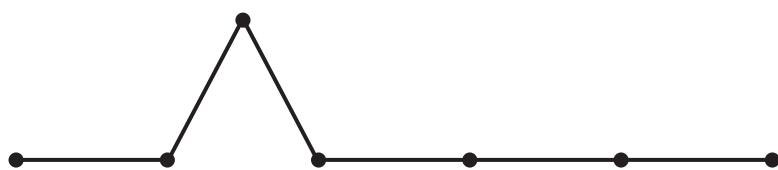
- a. O tlhoka mela e **mehibidu** e le mekae go khurumetsa mola o montsho?



- b. O tlhoka mela e **mehibidu** e le mekae go dikologa khutlonnetsepa?



- c. Ke efe e e telele, tsela e e kwa godimo kgotsa tsela e e kwa tlase, kgotsa di a lekana?



Karabo \_\_\_\_\_

Goreng? \_\_\_\_\_



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14

## Mothamo (maemo)



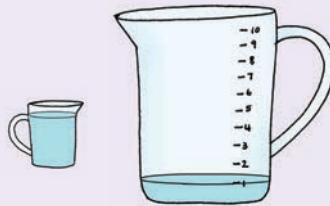
Ke setse ke tshetse maswana a  
le mane mo kopin.

Ke dikopi di le kae gape tse di tlāa  
tlatsang seduti?

---

Ke dikopi tsa metsi di le kae tse di mo seduting? Ke dikopi di le kae gape  
tse re di tlhokang go tlatsa seduti?

a.



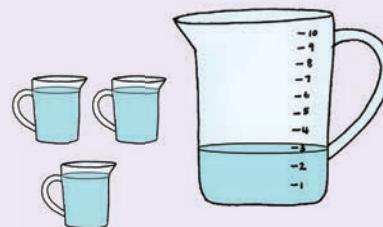
Mo seduting

1

Batla gape

9

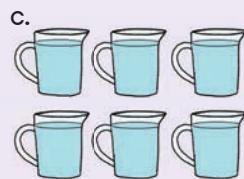
b.



Mo seduting

Batla gape

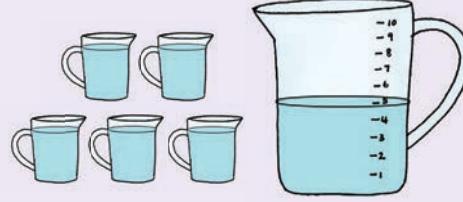
c.



Mo seduting

Batla gape

d.



Mo seduting

Batla gape

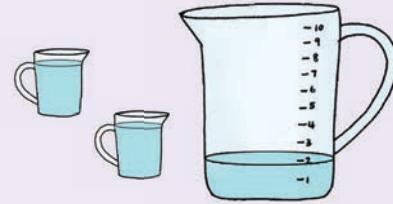
e.



Mo seduting

Batla gape

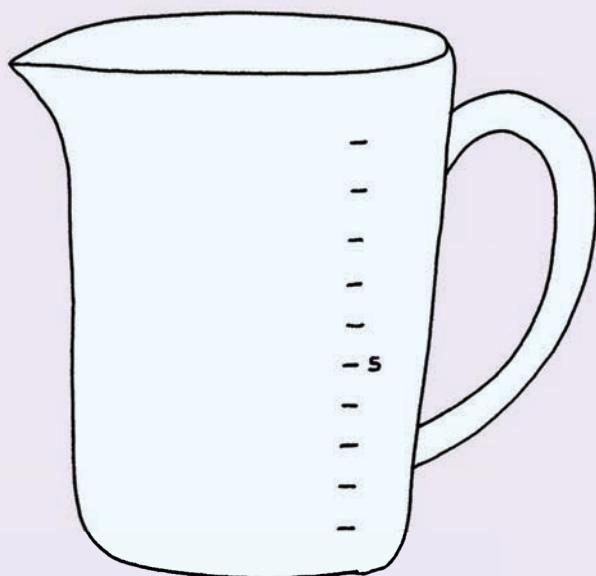
f.



Batla gape



Kwala dikgala tse di mo jekeng e ya tekanyetso. Re go bontshitse sekala sa 5.

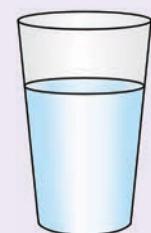


Fa kopi e le nngwe e tlatsa jeke go fitlha  
mo "bogareng", o tlhoka dijeke di le kae  
go tlatsa jeke go fitlha mo go:

- a. 4 \_\_\_\_\_
- b. 6 \_\_\_\_\_
- c. 8 \_\_\_\_\_
- d. 10 \_\_\_\_\_



Tshwaya diduti tse di tsholang litara e le I ya seeledi.



15



Letihā:

.....

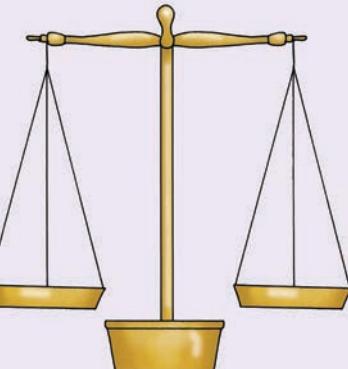
Kgweditħarō |



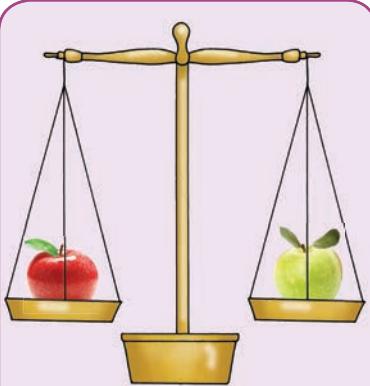
A re lekanyetseng bokete!

Go bona boima jwa rona, gore re **bokete** kgotsa **bofeto** bo  
le bokae, re dirisa sekale.

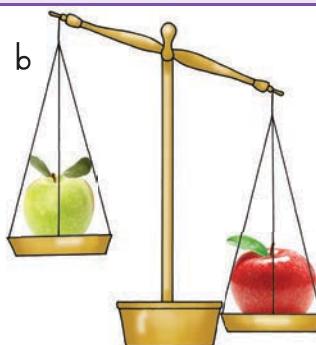
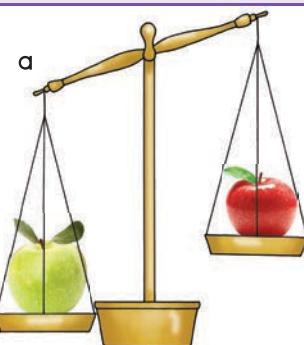
Re lekanyetsa bokete ka **dikilogeramo**. Re dirisa khutshwafatso e: kg.  
Ke mang yo o begang go gaisa?



Re dirisa sekale sa go balansa go lekanyetsa mmase.



Mo sekaleng se, diapole ka  
bobedi di bega go lekana.



Araba potso ka go kwala a kgotsa b.

Ke mo sekaleng sefe mo apole e tala e leng boketenyan go na  
le apole e khibidu?

Ke mo sekaleng sefe mo apole e tala e leng botlhofonyana go na  
le apole e khibidu?

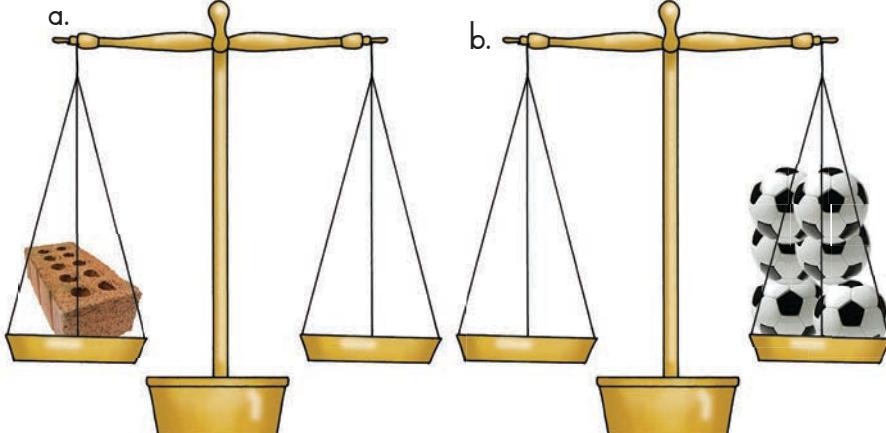


Lekanyetsa dikale.

Re go diretse ya ntlha.



Thala gore ke ditena di le kae kgotsa dibolo di le kae tse o di tlhokang go dira gore dikale tse di balanse.

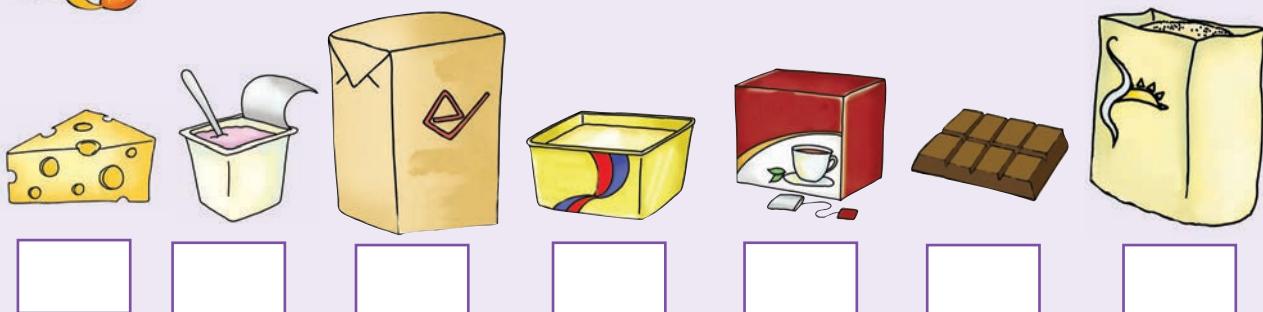


Fa morwalo o le mongwe e bega dikilogramo di le 3. Merwalo e le 2 le 3 e tlaa bega bokae?

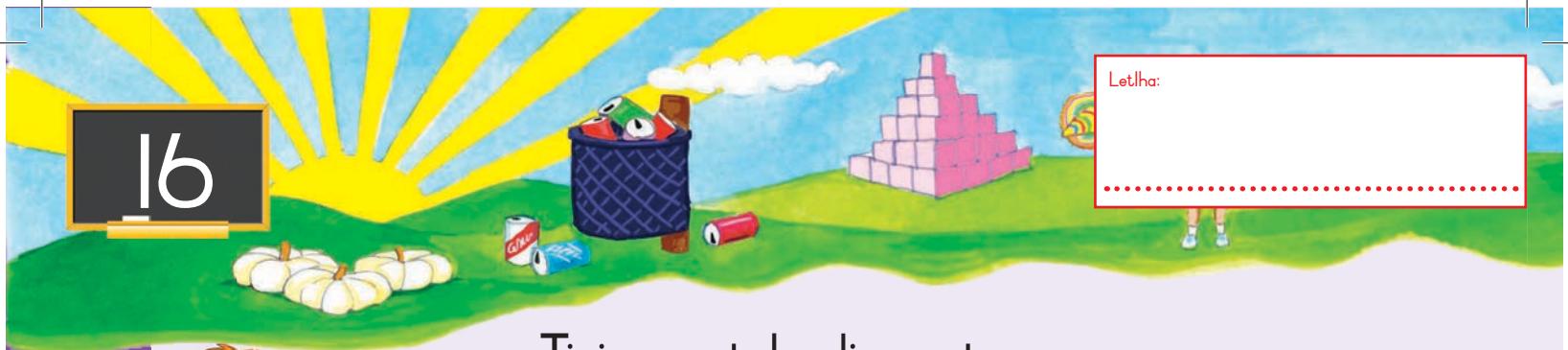
- 2 \_\_\_\_\_ kg
- 3 \_\_\_\_\_ kg
- A nka kcona go lekanyetsa merwalo e le 4 ka nako e le nngwe mo sekaleng se sa khitshini? Goreng? \_\_\_\_\_



Tshwaya diduti tse di tshotseng kilogramo e le.



16



Letlha:



## Tiriso ya tshedimosetso

Ditlhako mo tlelaseng



Buisa kgang.

Thabo: A, Mohumagadi! Jack ke dimo! O rwala ditlhako tsa saese ya 6!

Mme Khoza: Go ntse jalo! Ee, Thabo, se segolo mo ngwaneng wa dingwaga di le robongwe!  
O rwala ditlhako tsa saese mang, Thabo? Ba bangwe mo tlelaseng ba rwala disaese mang? A re direng patlisiso!

Baithuti ba bitsa disaese tsa bona, bongwe ka bongwe.

Mme Khoza o kwala disaese mo patitshokong.

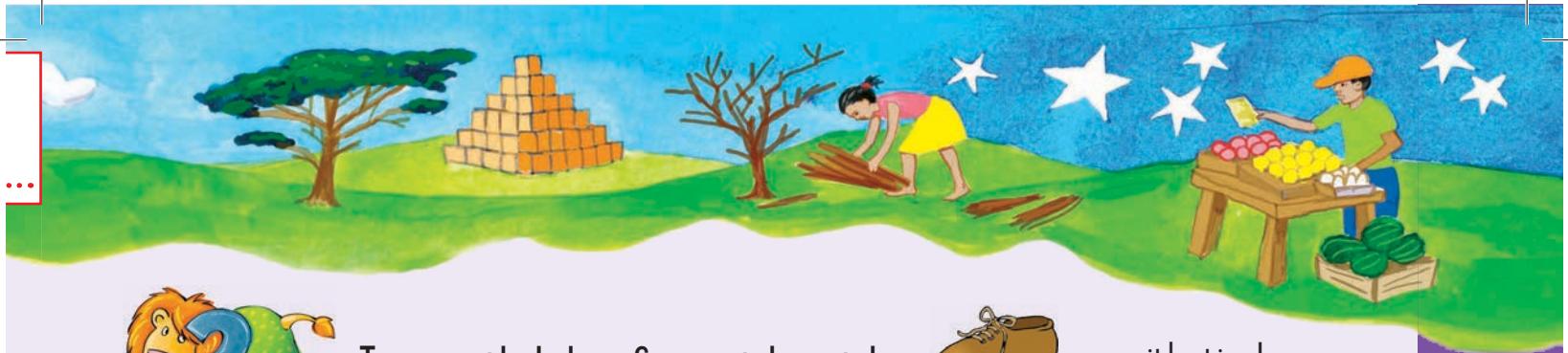
Mme Khoza: Bala, morago o kwale gore ke di le kae tsa saese e nngwe le e nngwe mo lenaneong.

2	2	3	1	2	3	1	4	3	2	3
2	3	2	6	2	2	3	3	3	4	3
4	2	2	3	3	5	3	2	2	2	1
1	1	2	4	2	3	2	3	4	2	4
4	3	2	2	3	1	2	2	1	4	3

Tlatsa lenaneo le le fa tlase.

Disaese tsa ditlhako tse di mo tlelaseng

Saese 1	Saese 2	Saese 3	Saese 4	Saese 5	Saese 6



Jaanong thala kerafo ya setshwantsho.



= moithuti a le mongwe

Saese 1	Saese 2	Saese 3	Saese 4	Saese 5	Saese 6



Jaanong araba dipotso tse.

- Bontsi jwa baithuti bo rwala setlhako sa saese \_\_\_\_\_.
- Palo e e kwa tlase e rwala saese \_\_\_\_\_.
- Bana ba le \_\_\_\_\_ ba tsere karolo mo patlisisong.



Jaanong wena?

Batlisia gore wena le tsala ya gago le rwala disaese dife!

- Dira ka ditlhophpha tsa 6 go ya go 8.
- Kokoanya tshedimosetso.
- Kwala palo ya disaese tsa ditlhako mo theiboleng.
- Bapisa dikarabo le ditlhophpha tse dingwe.

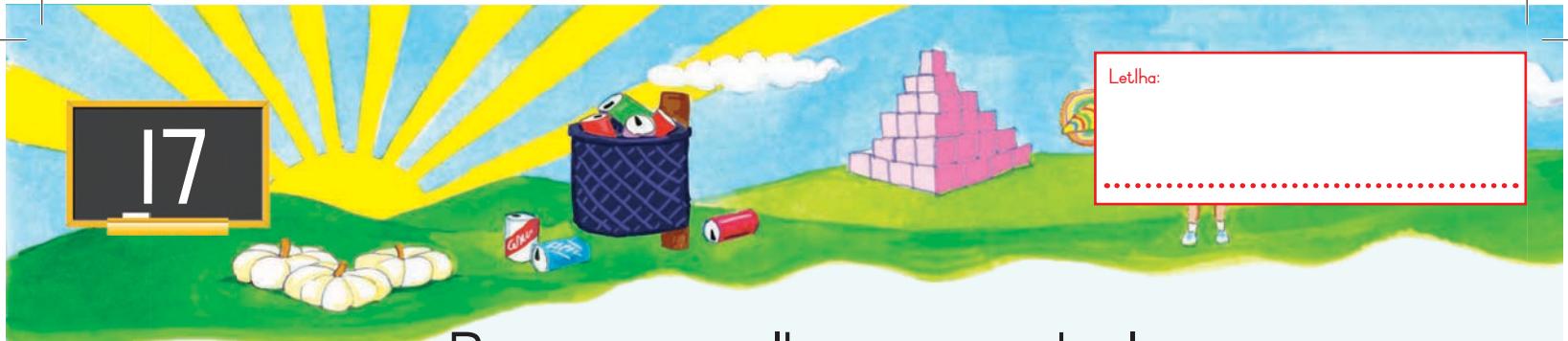


<input type="radio"/>
<input type="checkbox"/>
<input type="triangle"/>
Teacher: Sign: Date:

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17

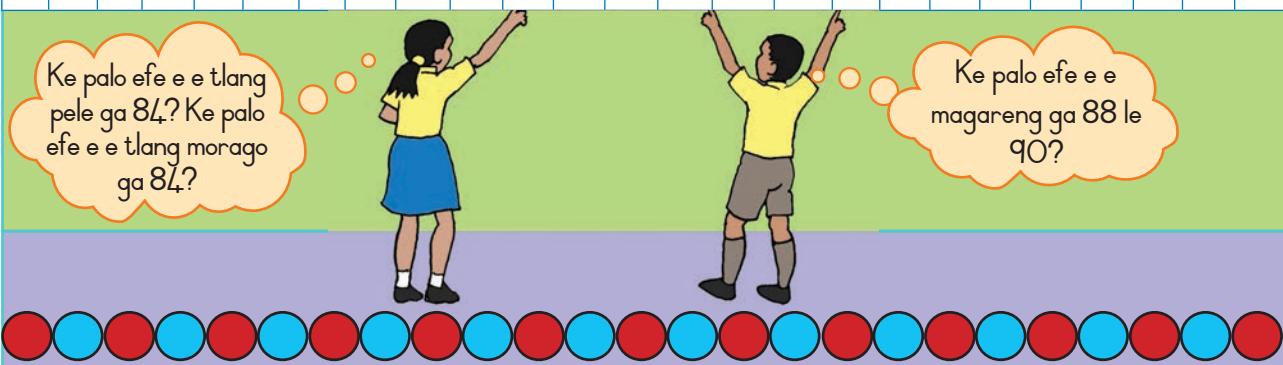


Letlha:

Kgweditharo I

## Bapisa mme o tlhomaganye dipalo

75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----



Tlatsa dipalo tse di tlogetsweng.

51																							
71																							
																							100

Dirisa boto ya dipalo go araba dipotso.

- Ke palo efe e e tl Lang pele ga 68? \_\_\_\_\_
- Ke palo efe e e tl Lang morago ga 68? \_\_\_\_\_
- Kwala dipalo di le tlhano tse dinnye mo go 71. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- Kwala dipalo di le tlhano tse dikgolo mo go 71. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- Kwala dipalo tse di magareng ga 79 le 84. \_\_\_\_\_
- Kwala dipalo go tloga ka e nnyennye go fitlhaka ka e kgolokgolo. 73, 52, 50, 59, 61  
\_\_\_\_\_
- Kwala dipalo go tloga ka e kgolokgolo go fitlhaka ka e nnyennye. 74, 96, 99, 91, 38  
\_\_\_\_\_



Feleletsa theibole. Simolola ka palo e e filweng.

	nngwe go feta	nngwe kwa tlase	lesome go feta	lesome kwa tlase
25				
39				
74				
56				
40				



Sekeletsa palo e kgolokgolo.

78      87      17

36      63      33

Sekeletsa palo e nnyennye.

99      19      9

14      41      40



Fa < e kaya nnyanenyana go na le, le > e kaya kgolwane go na le, feleletsa

32      <      64

23      >      18

57            98

89            57



Batla dipalo tse 5 mo lokwalodikgannyé magareng ga 50 le 99 mme o di kgomaretse fa.



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18



Letihā:

Kgveditharo I



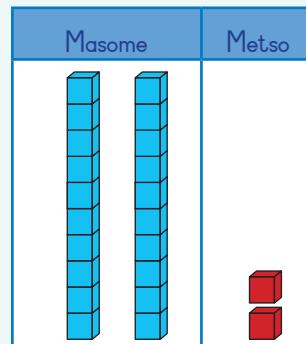
## Kemopalo go 99

Go bontsha dinomore ka go dirisa dilo

Re kgon a go bontsha dipalo ka diboloko tsa kemopalo.

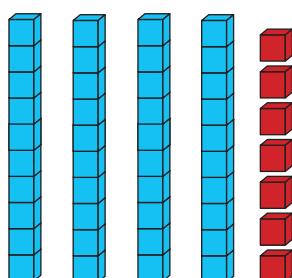
Boloko bo bonnye bo emela I. Ke motso.

Thobanyane ya diboloko tse dinnye di le IO e emela IO. Ke lesome (IO).



O ka bontsha palo ka go dirisa masome le metso.

Fano ke ka moo re bontshang 47.



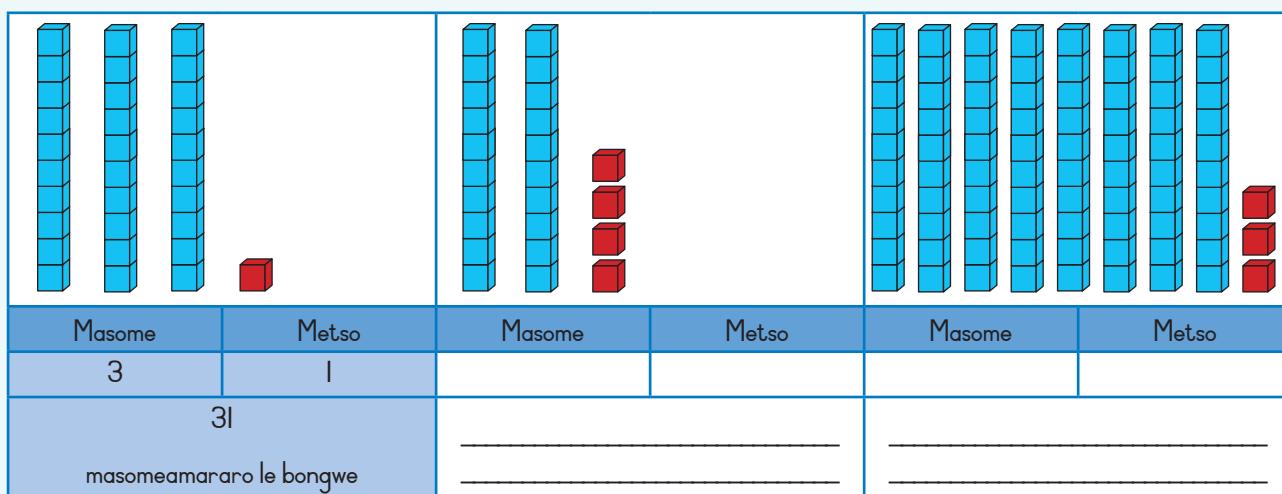
Masome	Metso
4	7

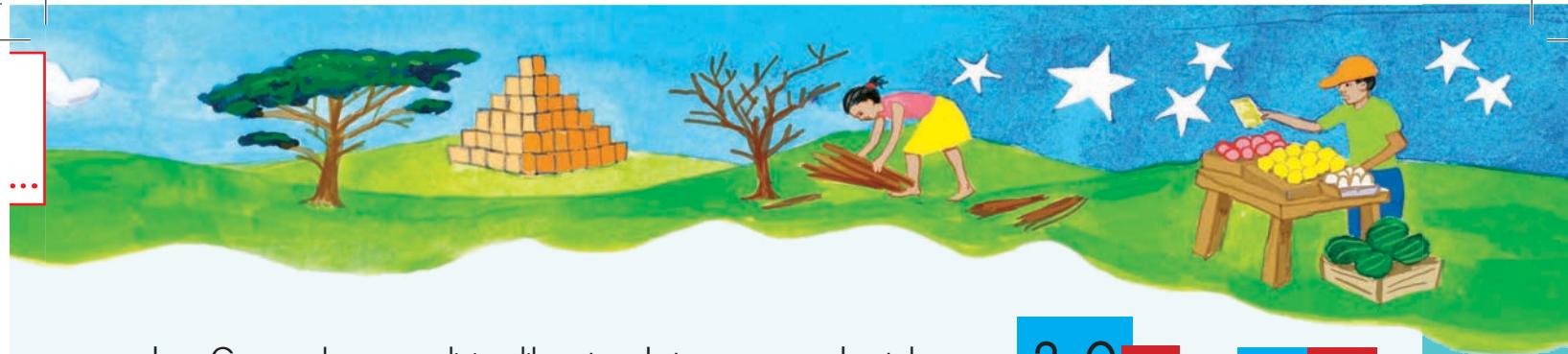
masomeamane le bosupa 47



## Go kwala dipalo ka dinoko le mafoko

- a. Ka fa tlase ga setshwantsho, kwala gore ke masome a le makae le metso e le mekae.  
Morago o kwale nomore ka dinoko le mafoko.





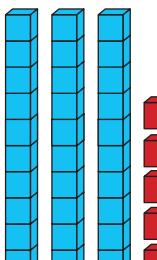
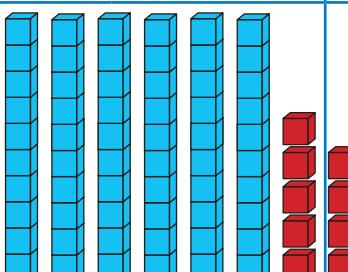
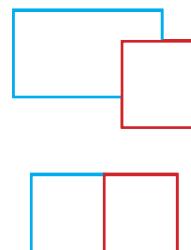
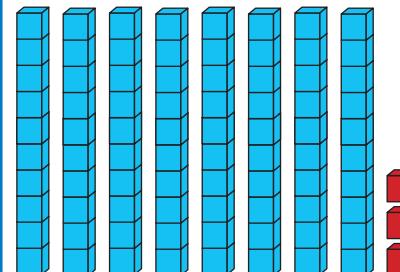
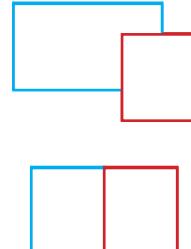
b. Gape re kgona go dirisa dikaratapalo tsa rona go e bontsha.

2 0 **6**      2 **6**

Palo	Ke masome a le kae?	Ke metso e mekae?	Kwala palo ka mafoko
26	2	6	masomeamabedithataro
46			
qq			



Ke palo mang?

	<b>3 0 5</b> <b>3 5</b>	<table border="1"> <tr> <td>Masome</td> <td>Metso</td> </tr> <tr> <td>3</td> <td>5</td> </tr> </table> masomeamararothano <b>35</b>	Masome	Metso	3	5
Masome	Metso					
3	5					
		<table border="1"> <tr> <td>Masome</td> <td>Metso</td> </tr> <tr> <td> </td> <td> </td> </tr> </table> <hr/> <hr/>	Masome	Metso		
Masome	Metso					
		<table border="1"> <tr> <td>Masome</td> <td>Metso</td> </tr> <tr> <td> </td> <td> </td> </tr> </table> <hr/> <hr/>	Masome	Metso		
Masome	Metso					



Teacher:  
Sign:  
Date:

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19



Letlha:

Kgweditharo I



Buisa

## Go baya masome mmogo fa re tlhakanya go fitlha go qq

Fano ke tsela e le nngwe ya go bontsha 22.	
Masome	Metso
lesome le le 1	bonngwe ba le 12
<b>1 0</b>	<b>1 0 2</b>

Re na le lesome le le lengwe	Re na le metso e le lesomepedi
Re tlaa baya 10 la metso mo setlhopheng	

Jaanong re na le tsela e nngwe ya go bontsha 22.	
Masome	Metso
masome a le 2	bonngwe ba le 2
<b>2</b>	<b>2</b>

A re tlhakanye **27 + 4**. Re simolola ka diboloko tse di botala jwa legodimo mme re tlhakanya le tse di khidbidu.

27 ke masome a 2 le bonngwe ba 7 le metso e mengwe e le mene.	
Masome	Metso
masome a le 2	bonngwe ba le 7 + bonngwe ba le 4
<b>2 0</b>	<b>7 4</b>

Re na le masome a le 2 le bonngwe ba le II.	
Masome	Metso
Re ka bontsha bonngwe ba le 10 jaaka lesome le le lengwe.	
<b>2 0 1 0</b>	<b>1</b>

Jaanong re na le masome a le 3s + nngwe a le 1 = 31	
Masome	Metso
<b>— + — = —</b>	<b>3 1</b>



## Kwala polelopalo e e bontshiwang ke setshwantsho

Masome	Metso	Masome	Metso	Masome	Metso
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
$10 + 5 + 6$	$\underline{\quad} + \underline{\quad} + \underline{\quad}$	$\underline{\quad} + \underline{\quad} = \underline{\quad}$			

Feleletsa setshwantsho. Kwala dipalopolelo tse di bontshiwang ke setshwantsho.

<b>Masome</b>	<b>Metso</b>	<b>Masome</b>	<b>Metso</b>	<b>Masome</b>	<b>Metso</b>
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>					
<b>Masome</b>	<b>Metso</b>	<b>Masome</b>	<b>Metso</b>	<b>Masome</b>	<b>Metso</b>
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>					

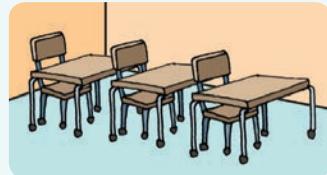


# 20a

Letlha:

## Tlhakanya mo molapalonng

Nna kwa tesekeeng ya gago!



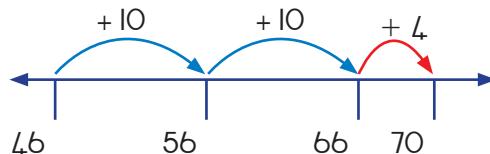
Mo sekolong sa rona moithuti yo mongwe le yo mongwe o na le teseke ya gagwe.

Go na le barutwana ba le 46 mo Mophatong wa 3A le 24 mo Mophatong wa 3B.

Ke diteseke di le kae tse re di tlhokang mo ditlelaseng di le pedi?

**Dira le molekane wa gago**

Leba ka moo baithuti ba bararo ba ba dirisitseng molapalo go rarabolola bothata. Feleletsa dipalo ka go dirisa sekao.



Se ke se ke se dirang: Sa ntlha ke tlhakanya 10. Seno se ntlsa go 56.

Morago ke tlola 10 e nngwe go fitlha go 66.

Mme la bofelo, ke tlola gape ga 4 go tlhoma kwa go 70.

$$\begin{aligned} &= 46 + 10 + 10 + 4 \\ &= 56 + 10 + 4 \\ &= 66 + 4 \\ &= 70 \end{aligned}$$

Ke tshwanetse go tlhakanya 24 le 46.



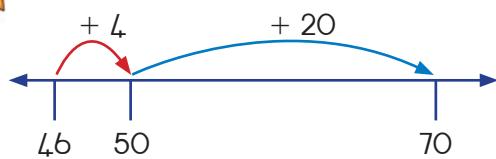
a.  $32 + 25 =$





b.  $52 + 26 = \square$

c.  $46 + 25 = \square$



Ke tshwanetse go tlhakanya 24 le 46.



Se ke se ke se dirang: Sa ntlha ke tlaa tlola 4. Seo se tlaa ntisia go 50. Nka tlola gape ga 20, seo se tlaa ntisang go 70.

$$= 40 + 10 + 20$$

$$= 50 + 20$$

$$= 70$$

a.  $36 + 41 = \square$



11 12 13 14 15 16 17 18 19 20

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20b

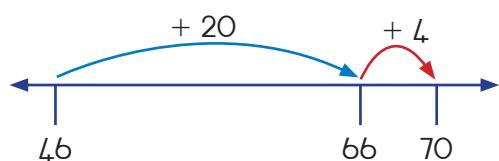
Letlhah:

Kgweditharo I

## Tlhakanya mo molapalong (tsweletso)

b.  $57 + 19 = \square$

(Empty space for working out)



Ke tshwanetse go tlhakanya 24 le 46.



Se ke se ke se dirang: Go tswa go 46, nka tlola 20. Seo se ntisia go 66.  
Jaanong ke tshwanetse go tlola ga 4 gape mme morago ke tlaa fitlha go 70.

$$= 46 + 20 + 4$$

$$= 66 + 4$$

$$= 70$$

a.  $63 + 24 = \square$

(Empty space for working out)

b.  $65 + 29 = \square$

(Empty space for working out)



## Ke dilofo di le kae?

Mmaki o tlisa dilofo di le 54 tse di thokwa le di le 68 tse ditshweu.

- a. Ke dilofo di le kae di le mmogo?

- b. Batla palogotlhе mo molapalong. Bontsha **dipalo** le **bogolo** (saese) jwa metlolo.

← 0 → 150



Tlhakanya tse di latelang ntle le go dirisa molapalo.  
Dirisa mokgwa ofe kapa ofe o o o ratang.

$38 + 24 =$

$58 + 17 =$

$75 + 16 =$

$83 + 29 =$



11 12 13 14 15 16 17 18 19 20

||||||||||||||||||||||||||||||||||||||||

2la

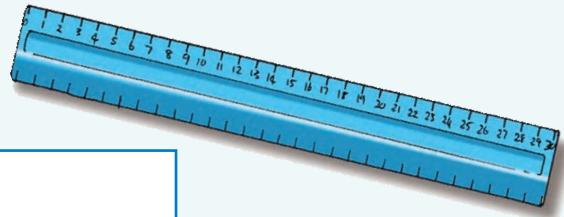
Letlha:

## Ntsha mo molapalong

Moithuti a le mongwe! Rula e le nngwe!

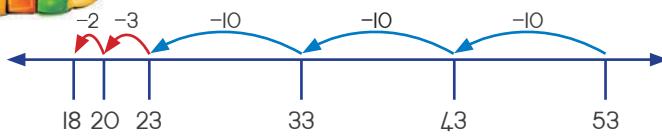
Phaposi e tlhoka dirula di le 53. Re na fela le di le 35.

Ke di le kae gape tse re di tlhokang?  $53 - 35 =$



### Dira le molekane

Buisa gore baithuti ba le bararo ba dirisa molapalo jang fa. Feleletsa dipalo o dirisa sekao.



Ke tshwanetse go ntsha  
35 mo go 53. Ntsha e kaya  
go tlosa.



Jaanong, ke tlaa simolola kwa go 53 le go ntsha. Ke tlaa ntsha 10, 10, 10 – seo se ntlisa go 23. Jaanong go ntsha tlhano, sa ntlha ke ntsha 3, mme ke fitlha go 20. Ke ntsha gape 2 ke, bo ke fitlha go 18. Ka jalo re tlhoka dirula di le 18.

$$= 53 - 10 - 10 - 10 - 3 - 2$$

$$= 43 - 10 - 10 - 3 - 2$$

$$= 33 - 10 - 3 - 2$$

$$= 23 - 3 - 2$$

$$= 20 - 2$$

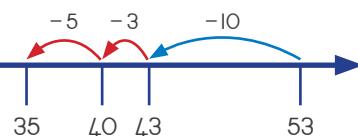
$$= 18$$



a.  $68 - 24 = \boxed{\phantom{00}}$

b.  $74 - 38 = \boxed{\phantom{00}}$

c.  $92 - 87 = \boxed{\phantom{00}}$



Ntsha e kaya go batla  
pharologano magareng ga  
53 le 35.

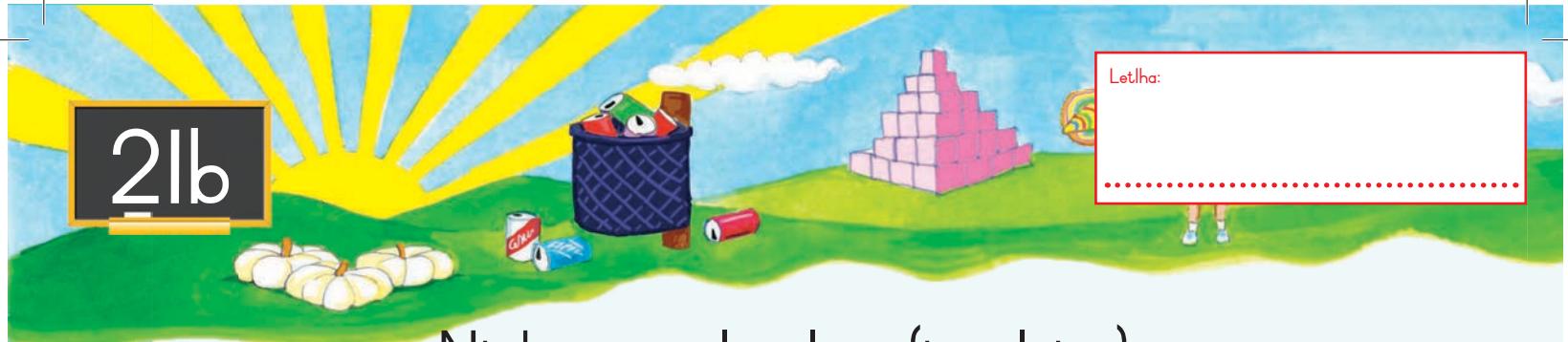


Ke tlala simolola kwa go 53 le go balela go ya tlase go 35 go batla pharologano. Fa ke balela go ya kwa morago ka 10, ke bona 43. Nka balela go ya morago ga 3 gape go bona 40. Morago ke bala 5 gape go ya tlase go bona 35. 10 tlhakanya le 3 tlhakanya le 5 ke 18. Ka jalo re tlhoka dirula di le 18 gape.

a.  $38 - 14 = \boxed{\phantom{00}}$



2lb



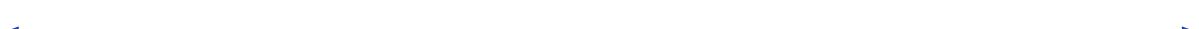
Letlha:

## Ntsha mo molapalong (tsweletso)

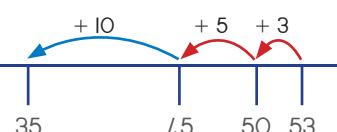
b.  $65 - 43 = \boxed{\phantom{00}}$



c.  $72 - 39 = \boxed{\phantom{00}}$



d.  $85 - 48 = \boxed{\phantom{00}}$



Nka simolola mo go 35 go  
bona gore go tlaa ntsaya  
metlolo e le mekae go bala  
go fitlha go 53.



Nka simolola kwa go 35 le go bona gore go ntsaya ditlolo di le kae go  
bala go fitlha go 53. Lesome tlhakanya le tlhano tlhakanya le tharo ke  
18. Re tlhoka dirula di le 18 gape.

a.  $84 - 32 = \boxed{\phantom{00}}$





b.  $96 - 53 =$

← →

c.  $78 - 19 =$

← →

d.  $63 - 47 =$

← →



### Tsamaya ka tekesi

Leeto ka tekesi go ya toropong ke 65 km.  
Go fitlha gajaana tekesi e tsamaile 38 km.

Ke di le kae gape tse di tlaa tsamaiwang?

Dirisa molapalo go rarabolola bothata bo.

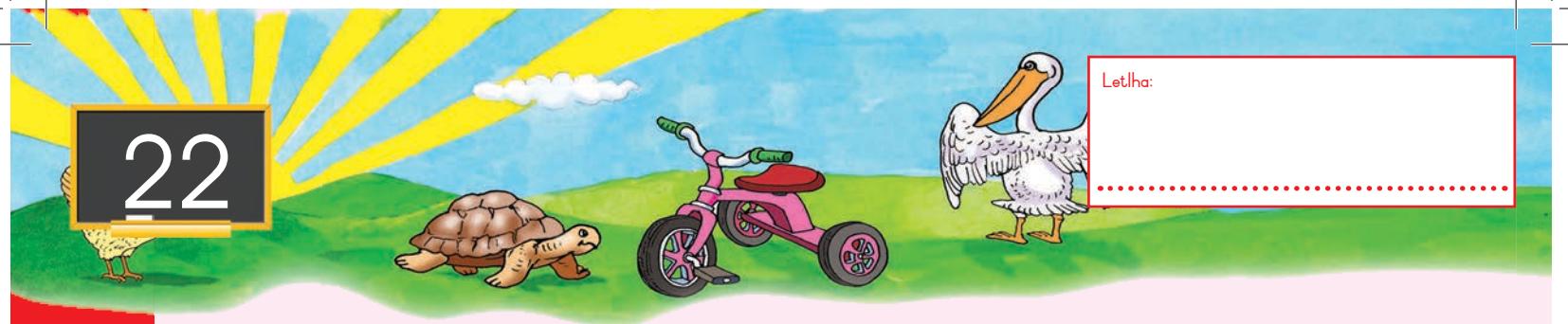


← →

km



22



Kgweditharo I



Sa ntlha rulaganya!

Busi o kopa ditsala tsa gagwe tsotlhhe go mo naya setshwantsho sa dijo tsa moletlo tse a di ratang. Se ke se a se kgobokantseng. Thusa go e rulaganya.



Bala, mme o kwale gore ke ditsala di le kae tse di tlhophang mofuta mongwe le mongwe wa dijo.

Palo				



Feleletsa kerafo ya setshwantsho. Dirisa theibole ya gago go go thusa.

Thala ngwana mongwe le mongwe yo o tlhophang mofuta oo wa seno kgotsa dijo sefatlhego se le sengwe (☺).



😊			
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Teachers:

Signi

D  
i

A horizontal ruler scale with markings every millimeter. The numbers 11 through 20 are placed above the scale, each aligned with its corresponding tick mark. The numbers are colored as follows: 11 (blue), 12 (green), 13 (orange), 14 (purple), 15 (pink), 16 (light blue), 17 (yellow), 18 (red), 19 (dark blue), and 20 (green).

23

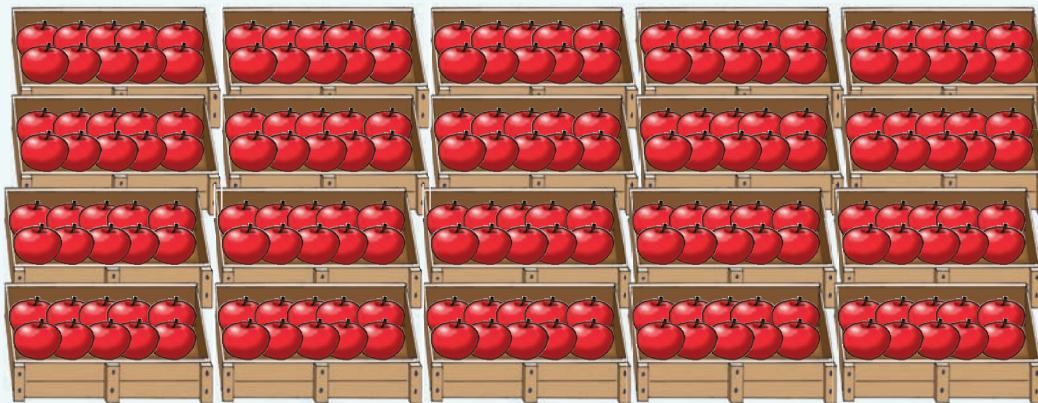
Letlha:

Kgweditharo I



## Go bala go fitlha 200

O bona diapole di le kae?



Tlatsa dipalo

Lebokoso le le l le na le diapole

Mola o le l o na le diapole

Mola o le l o na le mabokoso

Mela e le 4 e na le diapole



Re kgoná go paka diapole di le kae mo mabokosong a?

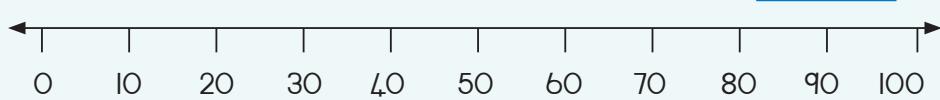


Bala mo molapalong.

a. Go tlaa tsena diapole di le kae mo mabokosong a le matlhano?



b. Go tlaa tsena diapole di le kae mo mabokosong a le supa?





Dilo tse 3 tsa 10 di dira **3 0**  $3 \times 10 =$  **3 0** kgotsa  $10 \times 3 =$  **3 0**

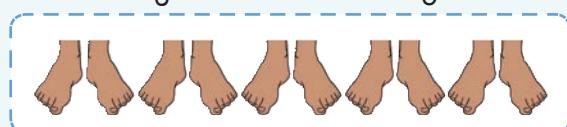
Dilo tse 5 tsa 10 di dira \_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_ kgotsa \_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

Dilo tse 2 tsa 10 di dira \_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_ kgotsa \_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_



Dipara di le 5 tsa maoto.

Di na le menwana ya maoto e le mekae gotlhelele?



$10 + 10 + 10 + 10 + 10 =$  **5 0**  $5 \times 10 =$  \_\_\_\_\_

$10 \times 5 =$  \_\_\_\_\_

Dira tse ka mokgwa o o tshwanang.

Dipara tse 4 tsa maoto. Menwana ya maoto e le mekae?

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

Dipara tse 3 tsa maoto. Menwana ya maoto e le mekae?

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



A re baleng

10, 20, 30, 40, 50, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 200



11 12 13 14 15 16 17 18 19 20



24



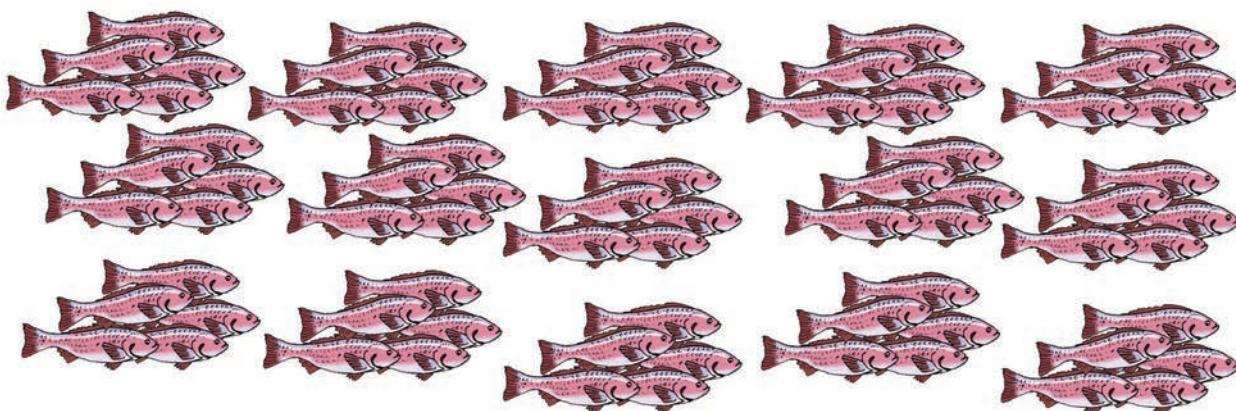
Letlha:

.....

Kgweditharo I



Ke ditlhapi di le kae? Fopholetsa



Jaanong bala ditlhapi. Batla palogotlhhe.



Go bala ka bo5

Batla palogotlhhe ya mae a tlhapi. Kwala polelopalo ya + le X.  
Re go diretse ya ntllha.

Tlhapi le mae	Mae a le makae gotlhelile
Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 2	$2 + 2 + 2 + 2 + 2 = 10$
Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 10	$5 \times 2 = 10$
Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 4	
Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 3	
Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 6	
Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 8	
Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 5	



## Feleletsa dipolelopalo le melapalo



$$5 + 5 + 5 + 5 + 5 + 5 + 5 = \boxed{35} \text{ kgotsa}$$

$$\boxed{7} \times \boxed{5} = \boxed{35}$$

a.



$$5 + 5 + 5 + 5 = \boxed{\quad} \text{ kgotsa}$$

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

b.



$$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = \boxed{\quad} \text{ kgotsa}$$

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

c.



$$\underline{\quad} + \underline{\quad} = \boxed{40} \text{ kgotsa } 10 \times 5 = 50$$



## Tshwara tlhapi

Sipho o tshwara magareng ga ditlhapi di le 40 le 50. O di bala ka bo2 mme o na le e le l e e setseng.

O di bala ka bo5 mme o na le di le 2 tse di setseng.



Teacher:  
Sign:  
Date:

11 12 13 14 15 16 17 18 19 20

||||||||||||||||||||||||||||||||||||

25a

Letihā:



Go bala dikausu

Bala ka bo2



- Go na le dikausu di le kae? \_\_\_\_\_
- Go na le dipara di le kae tsa dikausu? \_\_\_\_\_
- A go na le dikausu tse di setseng? \_\_\_\_\_



## Go bala dipara tsa dikausu

Kwala gore go na le dikausu di le kae le gore a go na le di le kae tse di setseng.

Dikausu	Palo ya dipara	Palo ya dikausu	Dikausu tse di setseng
			
			
			
			
			



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

25b



Letlha:

Kgweditharo I



## Bala ka bo2 (tsweletso)

Kwala dipalomaleka le dipalomafeta tsa go tloga I – 60.

- a. Kwala dipalomaleka go tloga ka I – 60.

2, 4, 6,

---

---

- b. Kwala dipalomafeta go tloga ka I – 60.

3, 5, 7,

---

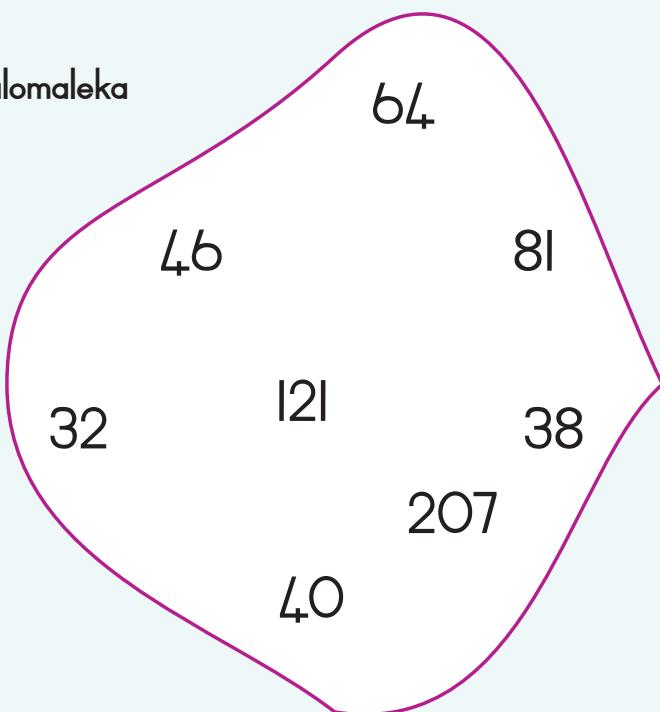
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### Dipalomafeta le diapalomaleka

Thala tshekeletsa go dikologa dipalomaleka.

Thala sekwere (khutlonne) go dikologa dipalomafeta.





## Go tswa kwa dipareng go ya kwa dikausung

Sekao:

Dikausu di le 2 = para e le 1  
 $2 \times 1 = 2$



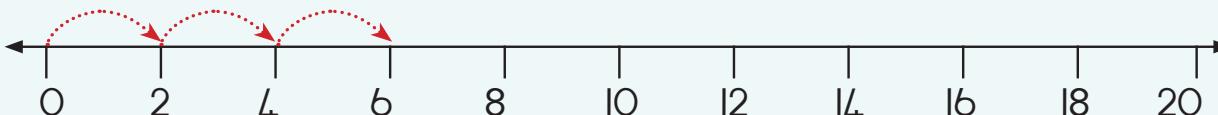
Dikausu di le 20 = Dipara di le 10  
 $2 \times 10 = 20$

a. Kwala gore ke dikausu di le kae?

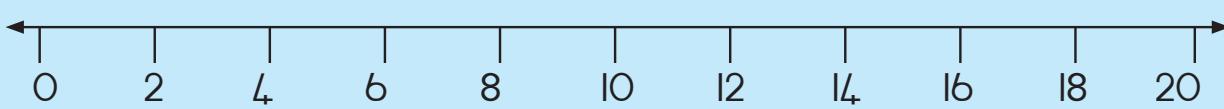
Nagana ka bo2	Polelopalo
Para e le 1 = dikausu di le 2	$1 \times 2 = 2$
Dipara di le 2 = dikausu di le _____	$2 \times 2 = \square$
Dipara di le 4 = dikausu di le _____	
Dipara di le 8 = dikausu di le _____	
Dipara di le 9 = dikausu di le _____	

b. Bontsha palelo mo molapalong mme o feleletse.

$$2 + 2 + 2 = 6 \text{ kgotsa } 3 \times 2 = 6$$



$$2 + 2 + 2 + 2 + 2 + 2 + 2 = \square \text{ kgotsa } \square \times \square = \square$$



11 12 13 14 15 16 17 18 19 20



26

Letlha:

## Tšhelete maloba le jaanong



Kgang ya tšhelete ya rona

Mo Aforikaborwa re dirisa diranta le disente jaaka tšhelete ya rona. Re simolotse go dirisa diranta le disente ka 1961. Mo malatsing ao khoene ya sente e le 1 e ne e le e nnye, go latele disente tse 2 mme morago disente di le 5.





### Go bala disente

Bala disente.

Go na le disente di le kae?

O tlhoka disente di le kae gape go dira R1,00?

Di thale mo bolokong.



### Ke disente di le kae?

R1,00 = <input type="text"/> c	R2,00 = <input type="text"/> c
R3,00 = <input type="text"/> c	R1,50 = <input type="text"/> c



### Leungo le ja bokae?

2 e ja R4,00.

O ka bona dipanana di le kae ka R20,00?



2 e ja R2,00.

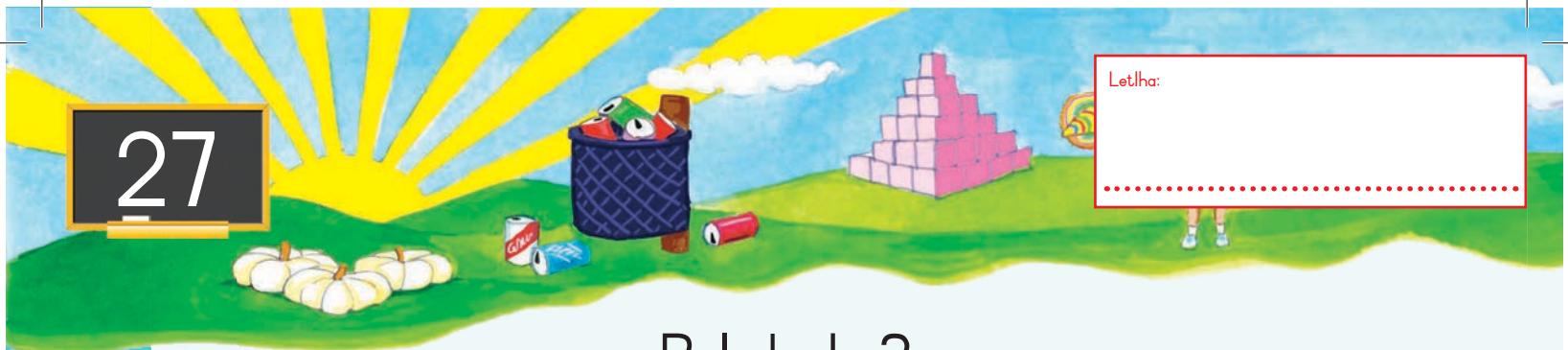
O ka bona diapole di le kae ka R9,00?



11 12 13 14 15 16 17 18 19 20

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27



Letihā:

## Bala ka bo3



Maotwana ka bo3



Teraesekelē e le 1 e na le maotwana a le \_\_\_\_.

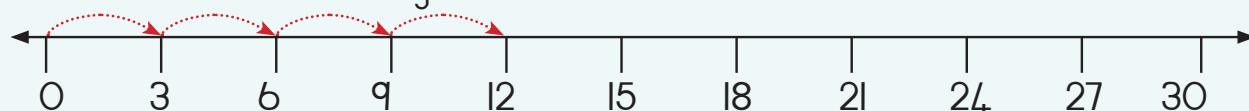


Diteraesekelē di le 5 di na le maotwana a le ____	$3 + 3 + 3 + 3 + 3 = 5 \times 3 = ____$
Diteraesekelē di le 2 di na le maotwana a le ____	$3 + 3 = 2 \times 3 = ____$
Diteraesekelē di le 4 di na le maotwana a le ____	
Diteraesekelē di le 6 di na le maotwana a le ____	
Diteraesekelē di le 9 di na le maotwana a le ____	
Diteraesekelē di le 8 di na le maotwana a le ____	

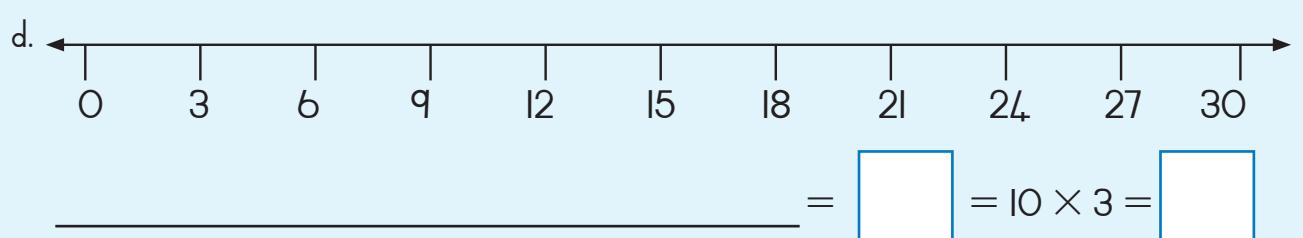
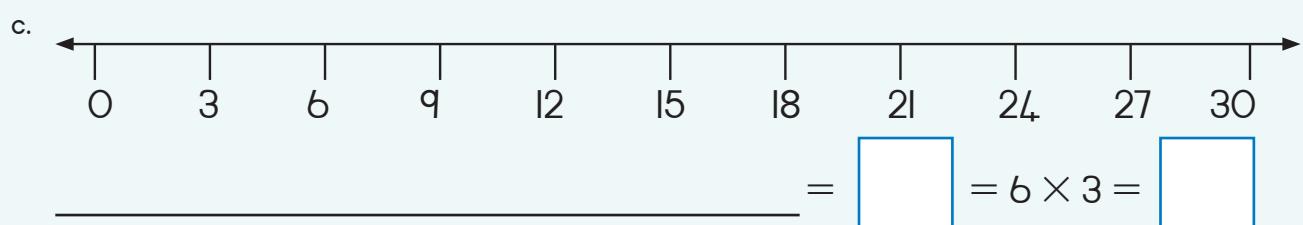
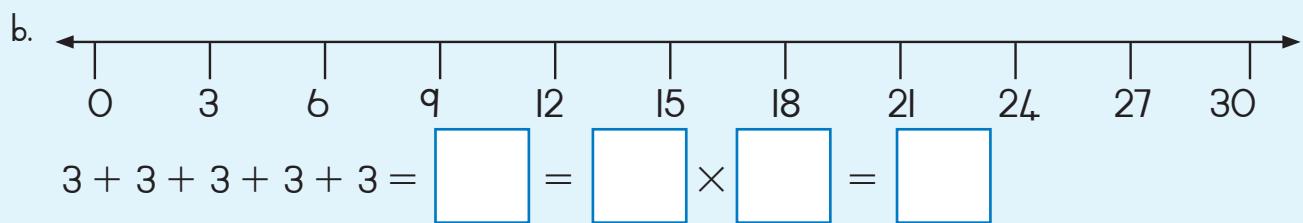


Melapalo

Sala sekao morago.



a.  $3 + 3 + 3 + 3 = \boxed{\quad} = 4 \times 3 = \boxed{\quad}$



Dibaesekele le diteraesekele



Kwa lebenkeleng la dibaesekele Busi o bala maotwana a dibaesekele le diteraesekele.  
Go na le maotwana a le 14 a otlhe.

Go na le dibaesekele di le kae? \_\_\_\_\_

Go na le diteraesekele di le kae? \_\_\_\_\_



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28



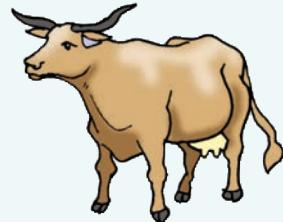
## Ke eng se se tläng ka bo4?



Maoto a le mane

Maoto a kgomo a tla ka bo4.

Dingwe tsa dintlhha  
tsa nomore 4 ...  
 $4 + 4 = 8; 2 \times 4 = 8$



Ke eng gape se se tläng ka bone? \_\_\_\_\_



Bala maoto

Bontshanang dikarabo.  
Tlhalosa se o se dirileng.

Dirisa dintlhha tse o di itseng ka bo4 go araba dipotsotse:

Kgomo 1 <input type="text" value="4"/> maoto	Dikgomo 2 <input type="text" value="8"/> maoto
Dikgomo 3 <input type="text"/> maoto	Dikgomo 4 <input type="text"/> maoto
Dikgomo 5 <input type="text"/> maoto	Dikgomo 6 <input type="text"/> maoto
Dikgomo 7 <input type="text"/> maoto	Dikgomo 8 <input type="text"/> maoto
Dikgomo 9 <input type="text"/> maoto	Dikgomo 10 <input type="text"/> maoto



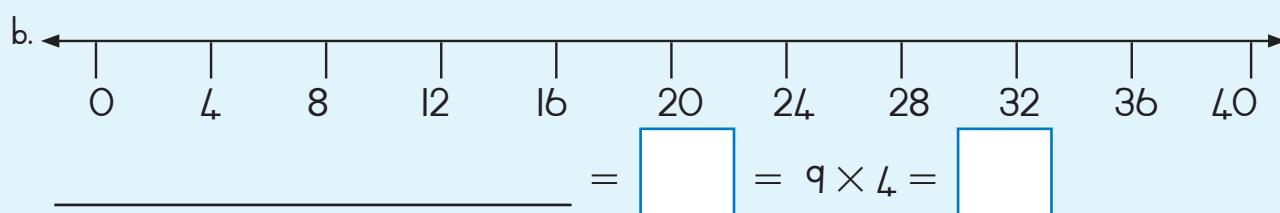
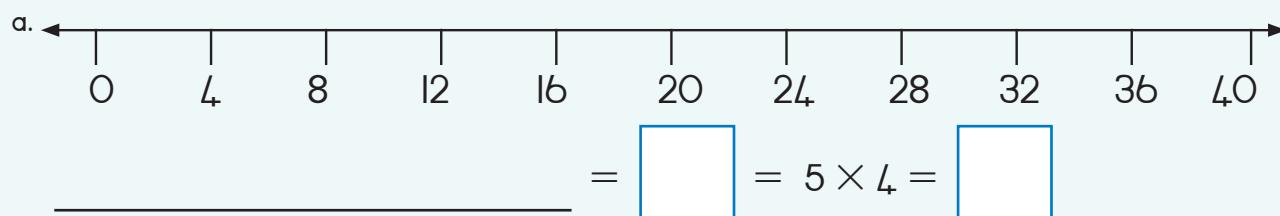
Feleletsa theibole e e fa tlase. Dirisa sekao go go kaela.

Dikgomo tse 3 di na le maoto a le _____	$4 + 4 + 4 = 4 \times 3 =$ <u>12</u>
Dikgomo tse 5 di na le maoto a le _____	
Dikgomo tse 4 di na le maoto a le _____	
Dikgomo tse 7 di na le maoto a le _____	
Dikgomo tse 8 di na le maoto a le _____	



### Melapalo

Bontsha palelo ya katiso mo molapalong mme o feleletse.



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

29



Diphethene kgotsa dipaterone  
mo dipalang



## Dipaterone tsa keriti

Ke paterone efe ya nomore e didiko mo keriting e nngwe le e nngwe ya 100 e di bontshang?

Thala didiko tse dingwe gape go feleletsa paterone e nngwe le e nngwe.

Kwala leina la phethene nngwe le nngwe.

a. Paterone:

b. Paterone:

A 6x10 grid of 60 empty circles, arranged in 6 rows and 10 columns. The grid is defined by red lines.

c. Paterone:

d. Paterone:

A 19x19 Go board with 10 stones placed on it. The stones are arranged in a pattern where each row contains two stones. The first row has stones at (1, 3) and (1, 8). The second row has a stone at (2, 1). The third row has stones at (3, 1) and (3, 6). The fourth row has a stone at (4, 1). The fifth row has stones at (5, 1) and (5, 6). The sixth row has a stone at (6, 1). The seventh row has stones at (7, 1) and (7, 6). The eighth row has a stone at (8, 1). The ninth row has stones at (9, 1) and (9, 6). The tenth row has a stone at (10, 1).

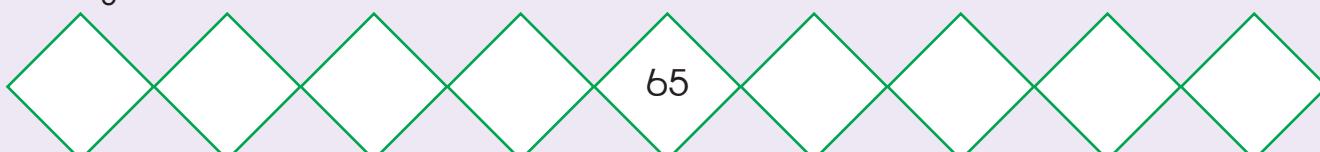


## Itirele dipaterone tsa gago

- a. Mo pateroneng e ya dipalo, dinomore tsotlhe ke dipalomaleka.  
Dinomore tse dingwe di ka nna eng? Di kwale.



- b. Mo pateroneng e ya dipalo, dinomore tsotlhe ke dipalomafeta. Dinomore tse dingwe di ka nna eng? Di kwale.



## Di tsena fa kae?



Paterone ya bo3 le bo4	Paterone ya bo3 le bo5	Paterone ya bo3 le bo5
sk. 48		



## Kwa lewatleng

Thembi o kokoanya magareng ga disèle tsa lewatle di le 60 le 70. O di bala ka bo3, o setse ka e le 1. Dipalo tse di kgonagalang ke: 61, \_\_\_\_\_, \_\_\_\_\_, 70,  
Fa a di bala ka bo5, o sala ka 4.

Dipalo tse di kgonagalang ke: \_\_\_\_\_, \_\_\_\_\_.  
Thembo o na le dikgapa di le kae? \_\_\_\_\_



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

30a

Letihā:

## Arola



Aroganya dimonamone:



- a. Aroganya dimonamone di le 30 magareng ga bana ba le 2.



Re kgonago e kwalla jaaka

$$30 \div 2 = 15$$

- b. Aroganya dimonamone magareng ga bana ba le 3.



$$\div =$$

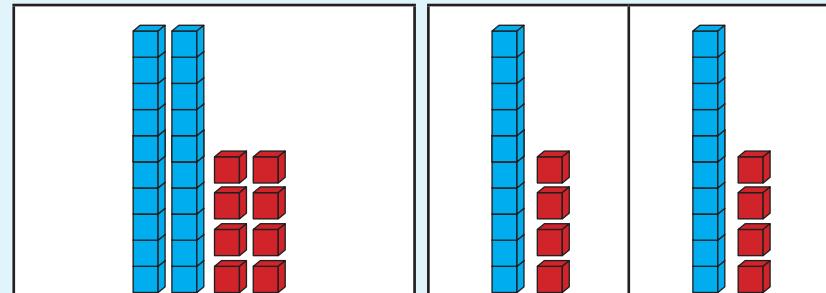
- c. Aroganya dimonamone magareng ga bana ba le 5.



$$\div =$$



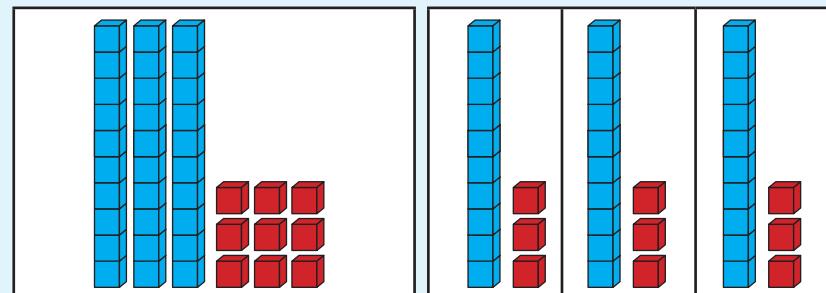
Re kcona go dirisa dibolokopalo go arola.



$$\begin{array}{r} 2 \boxed{8} \\ \div \boxed{2} \\ = \quad \boxed{1} \boxed{4} \end{array}$$

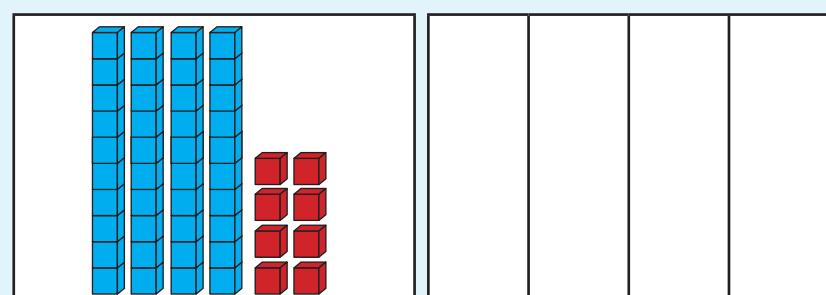
Jaanong dira tse.

a.



$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \div \boxed{3} \\ = \quad \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

b.



$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \div \boxed{4} \\ = \quad \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$



Teacher:
Sign:
Date:

30b

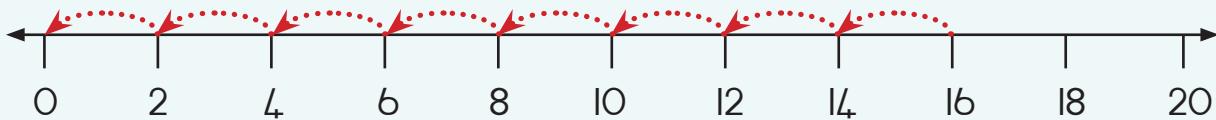
Letlhao:

## Arola (tsweletso)



Dirisa melapalo go kwala polelopalo ya go ntsha le go arola.

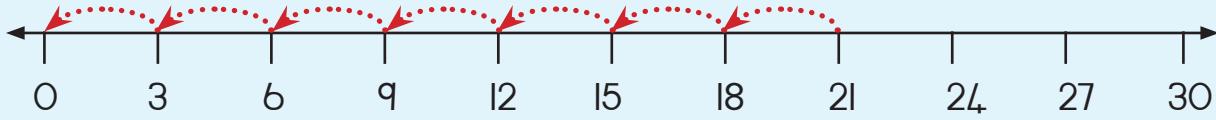
Sekao:



$$16 - 2 - 2 - 2 - 2 - 2 - 2 - 2 = 0$$

$$16 \div 2 = 8$$

a.



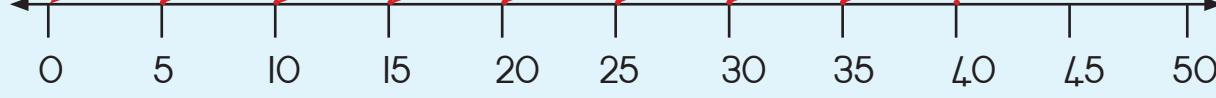
$$21 - \underline{\hspace{2cm}} =$$
  
$$\boxed{\phantom{00}} \div \boxed{\phantom{00}} =$$

b.

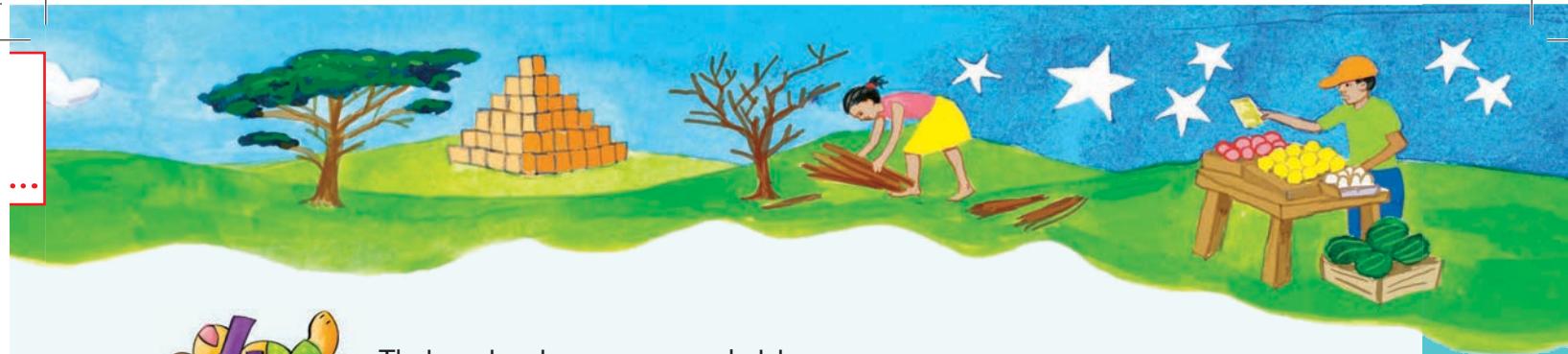


$$28 - \underline{\hspace{2cm}} =$$
  
$$\boxed{\phantom{00}} \div \boxed{\phantom{00}} =$$

c.



$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} =$$
  
$$\boxed{\phantom{00}} \div \boxed{\phantom{00}} =$$



Thala molapalo mme o o rarabolole.

a.  $30 \div 5 =$



b.  $22 \div 2 =$



c.  $27 \div 3 =$



d.  $32 \div 4 =$



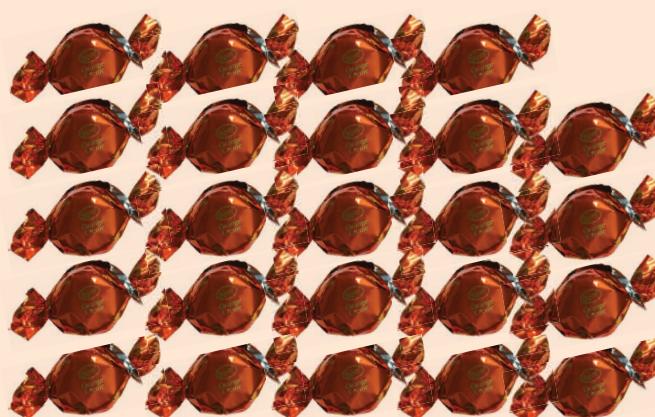
e.  $25 \div 5 =$



### Kgwetlho

Bontsha mekgwa yotlh  
e o ka kgonang go arola  
dimonamone di le 24 ka go  
lekalekana magareng ga  
dithlopha tsa bana ka yona.

Kwala polelopalo go bontsha  
karabo ya gago.



Teacher:

Sign:

Date:

31

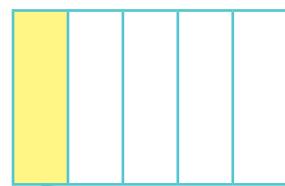


Letihā:

Kgweditharo I

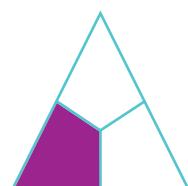


Thala mela go golaganya sebolepego le palophatlo



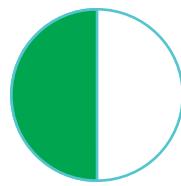
Nngwetharong

$$\frac{1}{3}$$



Nngwetlhanong

$$\frac{1}{5}$$

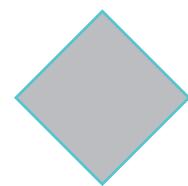


Kotara e le nngwe

$$\frac{1}{4}$$

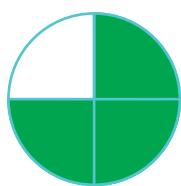
Halofo e le nngwe

$$\frac{1}{2}$$



Dikotara di le tharo

$$\frac{3}{4}$$



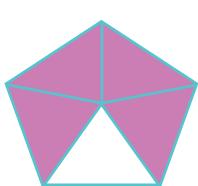
Nnetlhanong

$$\frac{4}{5}$$



Palogotlhe e le nngwe

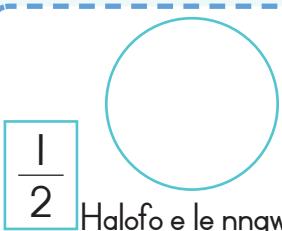
$$\frac{1}{ }$$



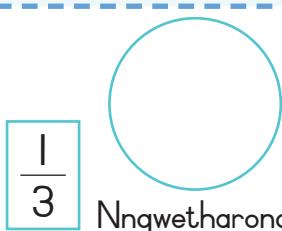
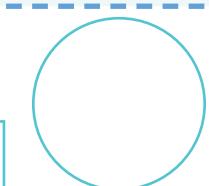
Peditharong

$$\frac{2}{3}$$

Arola mme o khalare:



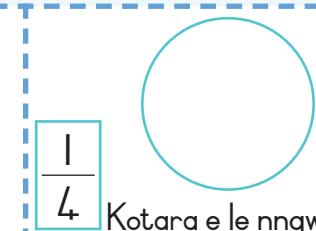
$$\frac{1}{2}$$



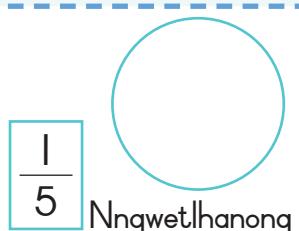
$$\frac{1}{3}$$



$$\frac{1}{4}$$



$$\frac{1}{5}$$

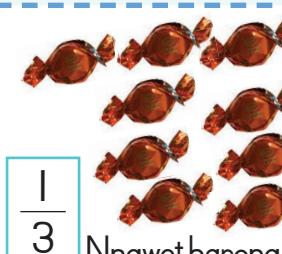


$$\frac{1}{ }$$

Bontsha \_\_\_\_\_ ya dimonamone:



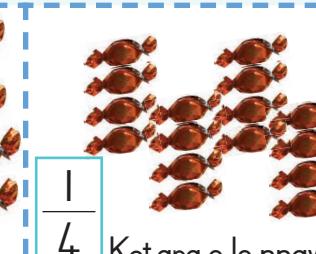
$$\frac{1}{2}$$



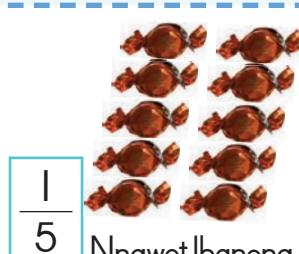
$$\frac{1}{3}$$



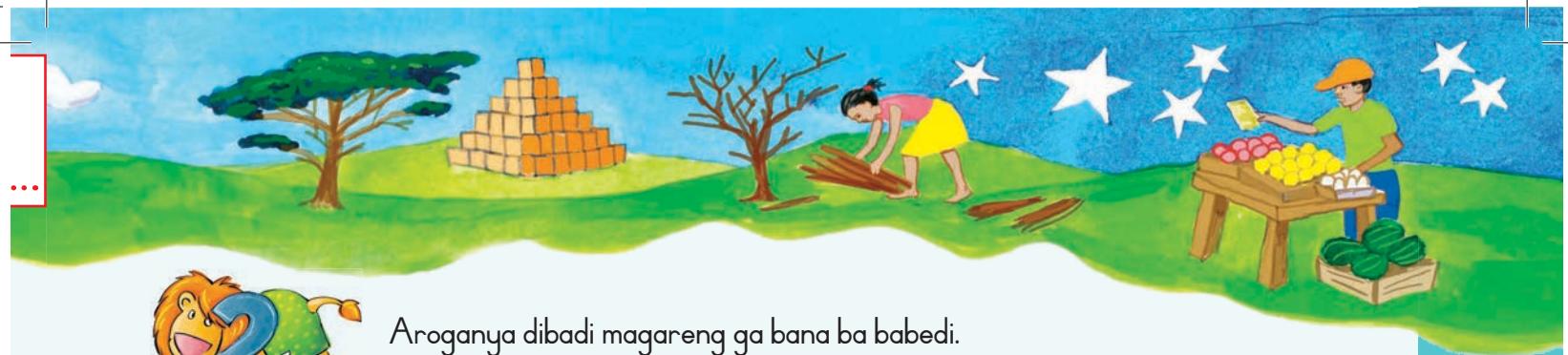
$$\frac{1}{4}$$



$$\frac{1}{5}$$



$$\frac{1}{ }$$



Aroganya dibadi magareng ga bana ba babedi.

<table border="1"> <tr> <td></td><td></td></tr> <tr> <td></td><td></td></tr> </table>					<table border="1"> <tr> <td></td><td></td></tr> <tr> <td></td><td></td></tr> </table>					<table border="1"> <tr> <td></td><td></td></tr> <tr> <td></td><td></td></tr> </table>					<table border="1"> <tr> <td></td><td></td></tr> <tr> <td></td><td></td></tr> </table>				
<ul style="list-style-type: none"> <li>Re amogetse dibadi di le <u>2</u> mongwe le mongwe.</li> <li><math>\frac{1}{2}</math> ya dibadi tse <u>4</u> ke <u>2</u>.</li> </ul>	<ul style="list-style-type: none"> <li>Re amogetse dibadi di le <u>  </u> mongwe le mongwe</li> <li><u>  </u> ya dibadi tse <u>  </u> ke <u>  </u>.</li> </ul>	<ul style="list-style-type: none"> <li>Re amogetse dibadi di le <u>  </u> mongwe le mongwe</li> <li><u>  </u> ya dibadi tse <u>  </u> ke <u>  </u>.</li> </ul>	<ul style="list-style-type: none"> <li>Re amogetse dibadi di le <u>  </u> mongwe le mongwe</li> <li><u>  </u> ya dibadi tse <u>  </u> ke <u>  </u>.</li> </ul>																
$4 \div 2 = 2$	<u>  </u> $\div$ <u>  </u> = <u>  </u>	<u>  </u> $\div$ <u>  </u> = <u>  </u>	<u>  </u> $\div$ <u>  </u> = <u>  </u>																



Aroganya dimonamone magareng ga bana.

<table border="1"> <tr> <td></td><td></td><td></td><td></td></tr> <tr> <td><u>  </u></td><td><u>  </u></td><td><u>  </u></td><td><u>  </u></td></tr> </table>					<u>  </u>	<u>  </u>	<u>  </u>	<u>  </u>	<table border="1"> <tr> <td></td><td></td><td></td></tr> <tr> <td><u>  </u></td><td><u>  </u></td><td><u>  </u></td></tr> </table>				<u>  </u>	<u>  </u>	<u>  </u>	<table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td></tr> <tr> <td><u>  </u></td><td><u>  </u></td><td><u>  </u></td><td><u>  </u></td><td><u>  </u></td></tr> </table>						<u>  </u>				
<u>  </u>	<u>  </u>	<u>  </u>	<u>  </u>																							
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<ul style="list-style-type: none"> <li><math>\frac{1}{4}</math> ya dimonamone = <u>3</u></li> <li><math>\frac{2}{4}</math> ya dimonamone = <u>  </u></li> <li><math>\frac{3}{4}</math> ya dimonamone = <u>  </u></li> <li><math>\frac{4}{4}</math> ya dimonamone = <u>  </u></li> </ul>	<ul style="list-style-type: none"> <li><math>\frac{1}{3}</math> ya dimonamone = <u>  </u></li> <li><math>\frac{2}{3}</math> ya dimonamone = <u>  </u></li> <li><math>\frac{3}{3}</math> ya dimonamone = <u>  </u></li> </ul>																									



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

32



Kgweditharo I



Tsamao ya nako

Re ka kwala nako e e tshwanang ka ditsela tse di farologaneng.

2:15 kotara morago ga ura ya bobedi	5:30 seripa morago ga ura ya botlhano	9:45 kotara go ya kwa ureng ya bolesome

Kwala dinako tseno ka ditsela tse di farologaneng.

_____	_____	_____

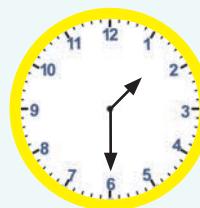


## Go ya gae

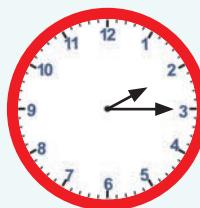
Ben o tsaya lobaka lo lo kae go fitlha kwa gae?

metsotsos

diura



Ben o tswa kwa sekolong.



Ben o tsena kwa gae.



## Nako e a fofa

Nako ka bo2 ...



Go na le

metsotsos e le mekae mo diureng di le 2? \_\_\_\_\_

diura di le kae mo malatsing a le 2? \_\_\_\_\_

malatsi a le makae mo dibekeng di le 2? \_\_\_\_\_

dikgwedi di le kae mo dingwageng di le 2? \_\_\_\_\_



## Ke malatsi a le makae?

Moranang 27 ke Letsatsi la Kgololosego.

Seetebosigo 16 ke Letsatsi la Bašwa.

- Moranang 27 ke Letsatsi la Kgololosego. Seetebosigo 16 ke Letsatsi la Bašwa.
- Go tswa go Letsatsi la Kgololosego go ya go Letsatsi la Bašwa go na le dikgwedi tse di tletseng di le \_\_\_\_\_, dibeke tse di tletseng di le \_\_\_\_\_ le malatsi a le \_\_\_\_\_.
- Ke dibeke tse di tletseng di le kae gotlhe? \_\_\_\_\_ Ke malatsi a le kae ao e leng masaledi? \_\_\_\_\_. Ke malatsi otlhe a le makae? \_\_\_\_\_.
- Letsatsi la botsalo la ga Lebo ke malatsi a le 7 pele ga Letsatsi la Kgololosego. Letsatsi la ga Musa ke malatsi a le mabedi morago ga Letsatsi la Bašwa. Ke mang yo mogolo? \_\_\_\_\_ Ka malatsi a le makae? \_\_\_\_\_

Moranang						
Mop	Lbi	Lro	Lbe	Lbo	Lmo	Lti
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Motsheganong						
Mop	Lbi	Lro	Lbe	Lbo	Lmo	Lti
				2	3	4
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Seetebosigo						
Mop	Lbi	Lro	Lbe	Lbo	Lmo	Lti
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



Netefatsa. Bapisa. Siamisa.



1      2      3      4      5      6      7      8      9      10

33

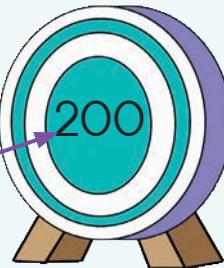


Letlha:

# Ntlha ya 200



Go bala dinomore



Bala o bo o bolela dipalo tsotlhe go tswa go 101 go ya go 200.

Supa fa o ntse o tsamaya.



Kwalg dinomore

- a. Kwala palo e e tlogetsweng mo sekwereng se sengwe le se sengwe se se botala jwa legodimo.
  - b. Kwala dipalo tsotlhe tse di setseng.
  - c. Kwala dinomore di le 10 tse di latelang morago ga 200.

200; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_;



34

Letlhah:



Go paka dikerese

MmaNkosi o dira kwa bodirelong jwa dikerese.  
Fa dikerese di siame, o di paka jaana mo thereing mo rakeng nngwe le nngwe.



Ke dikerese di le kae mo lebokosong le lenngwe le le lenngwe? \_\_\_\_\_

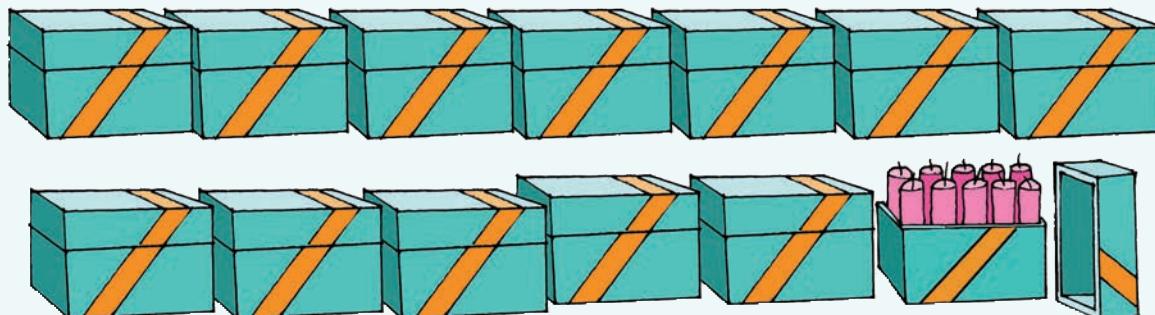
Ke mabokoso a le makae mo rakeng e nngwe le e nngwe? \_\_\_\_\_

Go na le dikerese di le kae mo rakeng nngwe le nngwe? \_\_\_\_\_



### Mabokoso a dikerese

MmaTumelo o tswala mabokoso.



- a. Bala mabokoso otlhé.

Ke a le makae? \_\_\_\_\_

Ke dikerese di le kae tsotlhé? \_\_\_\_\_

O tlhoka mabokoso a makae gape go tlatsa go fitlhá go dikerese di le 200? \_\_\_\_\_

- b. Ke dikerese di le kae mo:

mabokosong a le 2 _____	mabokosong a le 4 _____
mabokosong a le 5 _____	mabokosong a le 3 _____
mabokosong a le 6 _____	mabokosong a le 7 _____

- c. O tlhoka mabokoso a le makae go:

40  mabokoso	70  mabokoso
50  mabokoso	30  mabokoso



35a



Letihā:

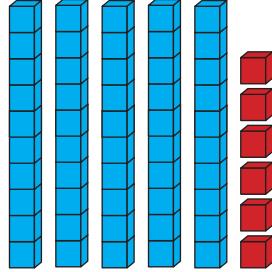
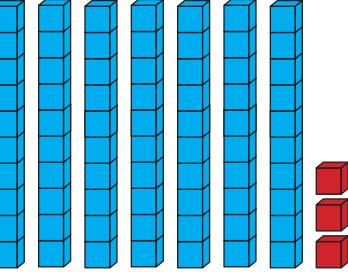
.....

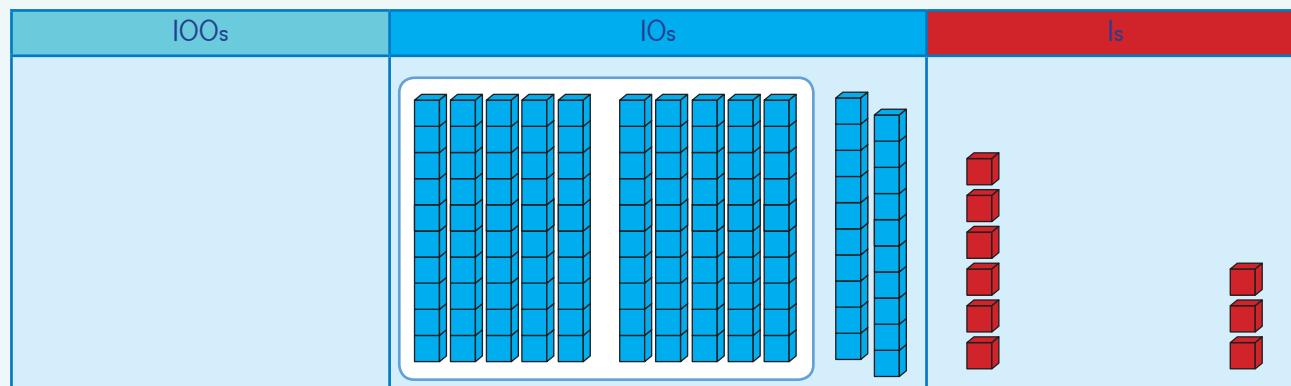
Kgweditharo 2



Go baya masome mmogo le  
go a aroganya

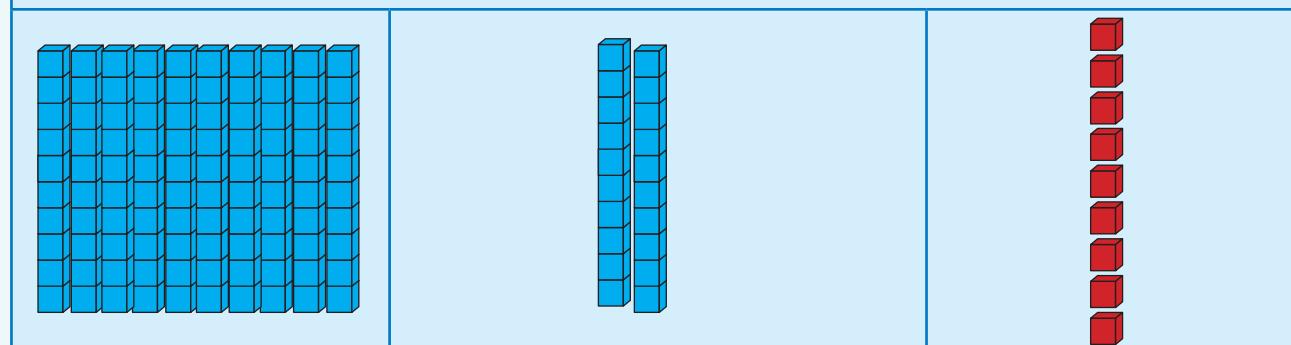
Go baya masome mmogo fa re tlhakanya go 999

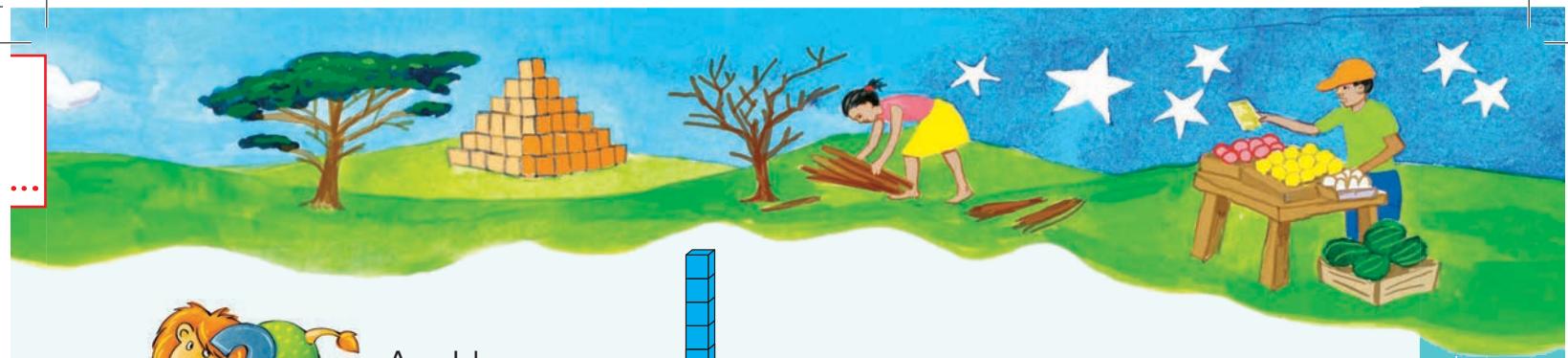
A re tlhakanyeng $56 + 73 =$		+	
masome a le 5 le metso e le 6		masome a le 7 le metso e le 3	



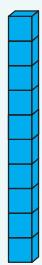
Mmogo re na le bolesome ba le 12.

Re ka baya masome a le 10 mmogo go dira lekgolo le le l.





A re leke



$$= \blacksquare \text{ kgotsa } \blacksquare = \odot$$

Sekao:  $82 + 34$



$$100 + 20 + 6 = 126$$

b.  $65 + 52$


c.  $76 + 63$


d.  $86 + 65$




# 35b



Letlhah:

## Kgwenditharo 2



### Go baya masome mmogo le go a aroganya (tsweletso)

#### Baya ditlhophpha mmogo

Dirisa diboloko tsa gago tsa bolenkemedi.

Dirisa diboloko tsa kemopalo go dira dinomore tse pedi.	Tsotlhhe di feletse ke masome a le makae? ke metso e le mekae?	A o beile masome kgotsa metso ka setlhophpha? Netefatsa kemopalo fa o beileng ka ditlhophpha gape.	Kwala nomore.
$23 + 99 =$	masome a le ___ bonngwe ba le ___	masome a le 11 + 12 bonngwe ba le = 110 + 12	122
$38 + 25 =$	masome a le ___ bonngwe ba le ___		
$77 + 31 =$	masome a le ___ bonngwe ba le ___		
$68 + 45 =$	masome a le ___ bonngwe ba le ___		
$83 + 47 =$	masome a le ___ bonngwe ba le ___		



#### Go aroganya masome fa re ntsha

Fa re ntsha, ka nako tse dingwe re tlhoka go bontsha lesome le le lengwe jaaka lesome gangwe, kgotsa lekgolo jaaka masome a 10.

A re ntsho  $60 - 55 =$

Re simolola ka bolesome ba barataro mme e seng metso. Re batla go ntsha bolesome ba le batlhano le metso e le metlhano. (Tse re di tllosang re di khalarile ka bosetlhha)

Re kgona go bontsha bolesome ba barataro ka mokqwa o.	Kgotsa jaaka bolesome ba batlhano le metso e le lesome	Ntsha bolesome ba le batlhano le metso e metlhano.	
		$60 - 55 = 5$	



A re lekeng

a.  $70 - 28$

bolesome ba le 7	bolesome ba le 6 le metso e le 10	$70 - 28 =$	

b.  $90 - 46$


c.  $80 - 53$




Go batla diparapalo.

a.

200	
30	

b.

200	
70	

c.

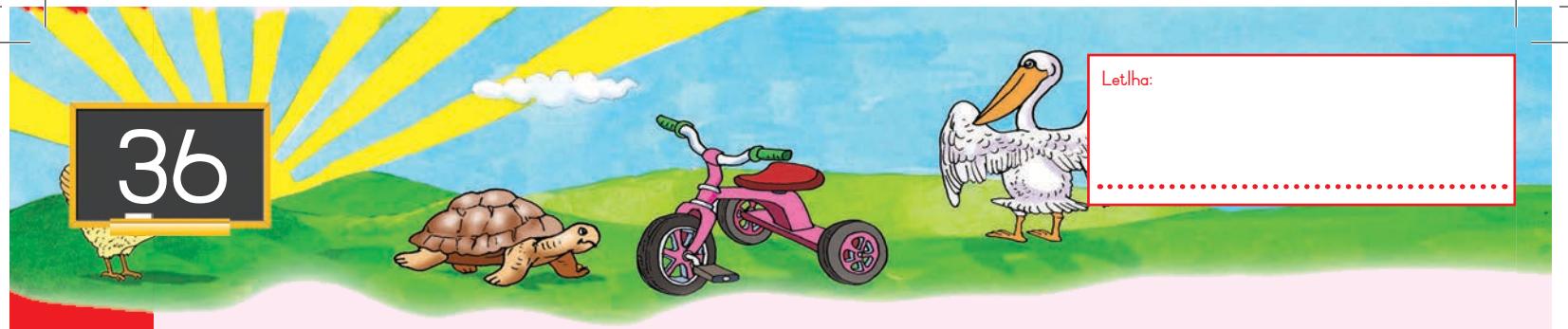
200	
	105

d.

200	
85	



11 12 13 14 15 16 17 18 19 20

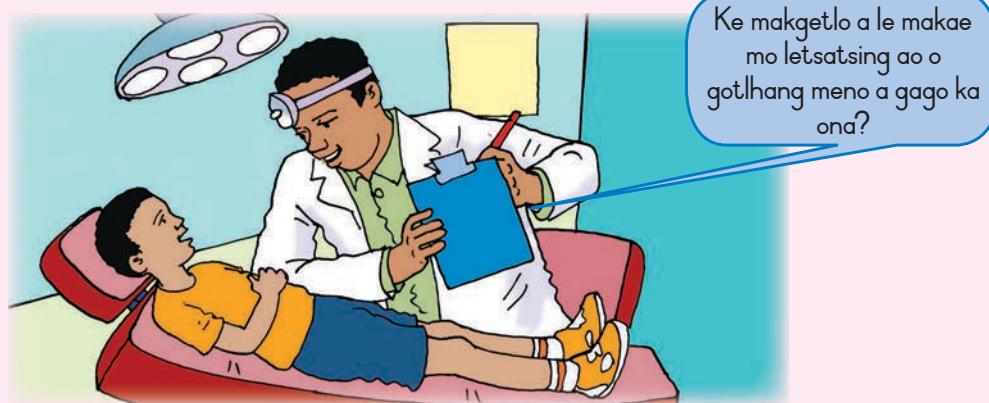


Letlha:



## Leeto go ya kwa ngakeng ya meno

Setlhophpha sa bana se etela kwa ngakeng ya meno.



Se ke se bana ba mmolelelang sona.  = lekgetlo le le |

	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓								

a. Bala matshwao (✓) go bontsha gore bana ba tlhapa meno a bona gakae. Kwala dipalo.

 Gangwe ka letsatsi	
 Gabedi ka letsatsi	
 Gararo ka letsatsi	

b. O ka bolela eng?

Bontsi jwa bana bo gotlha meno makgetlo a le \_\_\_\_\_ ka letsatsi.

Go na le bana ba le \_\_\_\_\_ mo setlhopheng.



Thala kerafotshwantsho ya makgetlo a bana ba ba tlhapang meno ka ona ka letsatsi.



= Gangwe ka letsatsi

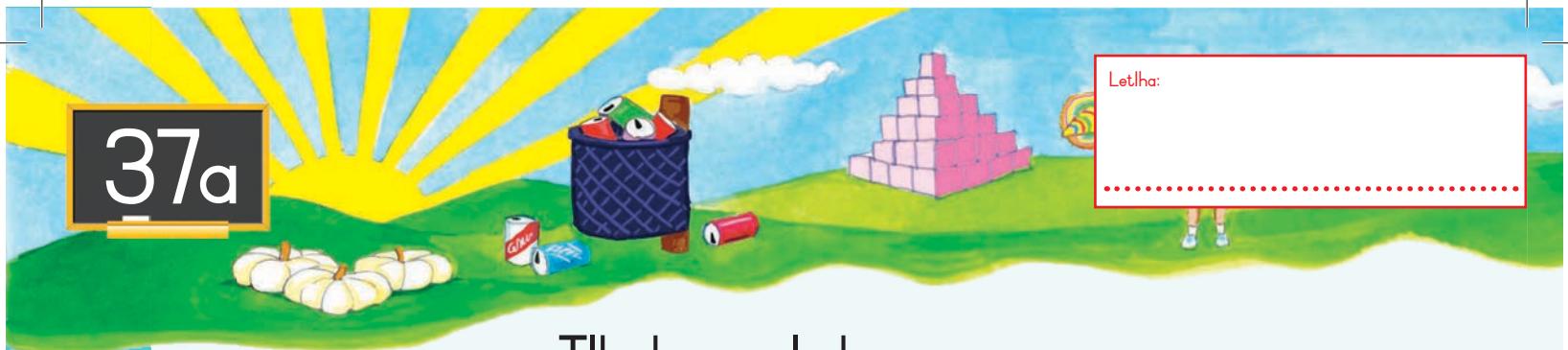


Dira patlisiso mo tlelaseng ya gago. Kopa baithuti ba le 15 – 20.

- Ba tlhapa meno a bona gakae ka letsatsi? \_\_\_\_\_
- Thala kerafo ya setshwantsho e e tshwanang le e e fa godimo go bontsha diphitlhelo tsa gago.



37a



Letihā:



### Go kwala palo ya gago



Busi a ka tlhakanya metso le masome a bo a di baya ka ditlhophha. O kgon a go tlhakanya le go ntsha mo pampiring, a sa dirise diboloko. Ka dinako tse dingwe o rata go simolola ka dikaratapalo tsa gagwe go bontsha dinomore.

Jaanong mabapi le palo  $56 + 73$ , o bona dikarata tse:

$$\begin{array}{r} 50 \boxed{6} \\ + \quad 70 \boxed{3} \end{array}$$

O tlhakanya metso a bo a baya karata ya 9 fa fatshe.

O itse:  $50 + 70 = 120$ .

O tsaya makgolo, bo 20 le karata ya 9 go dira nomore ya dinoko tse 3.

$$\begin{array}{r} 100 \\ - 20 \\ \hline \boxed{9} \end{array}$$

O e kwala jaana:  

$$\begin{aligned} 50 + 70 + 6 + 3 \\ = 50 + 70 + 9 \\ = 120 + 9 \\ = 100 + 20 + 9 \\ = 129 \end{aligned}$$

Tumi o itse gore diboloko di bereka jang.  
O bereka  $56+73$  jaana:

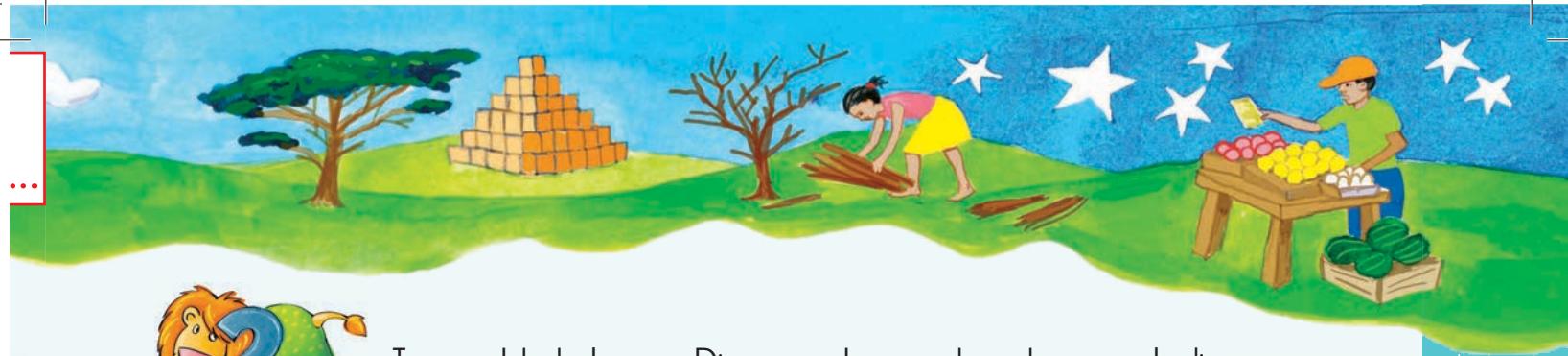
$$\begin{array}{r} 50 + 6 + 70 + 3 \\ \swarrow \quad \searrow \\ 120 + 9 \\ = 129 \end{array}$$



Aakar o rata go gaufetsa.  
Bona gore o dira e jang:  

$$\begin{aligned} 56 + 73 \\ = 50 + 70 + 10 - 1 \\ = 130 - 1 = 129 \end{aligned}$$





Jaanong leka ka bowena. Dira nngwe le nngwe ka mekgwa e mebedi.

a.  $86 + 62$

Mokgwa wa ga Busi

$$80 + 60 + 6 + 2$$



Mokgwa wa ga Tumi

$$80 + 6 + 60 + 2$$



b.  $72 + 63$

c.  $81 + 57$

d.  $69 + 71$

Dirisa mokgwa wa ga Aakar go dira e.



37b



Letlha:



## Tlhakanya le kopanya (tsweletso)

Jaanong tlaya re ntshe.

a.  $87 - 53$

Mokgwa wa ga Busi

$$80 - 50 + 7 - 3$$

$$= 30 + 4$$

$$= 34$$



b.  $95 - 73$

c.  $86 - 62$

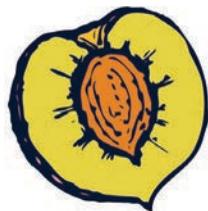
d.  $85 - 69$



## E rarabolole

Go na le mekgwa e mentsi ya go tlhakanya metso le masome mmogo. Tlhophha mokgwa o o o o itseng e  
bile o o rata thata go rarabolola mathata a. Bontsha tiro ya gago.

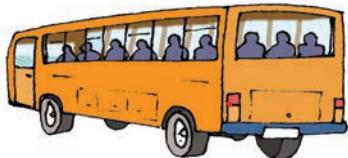
- a. Peter o simolola ka go sela diperekisi di le 34 mme morago diperekisis di le 67.  
Ke diperekisi di le kae gotlhelele?



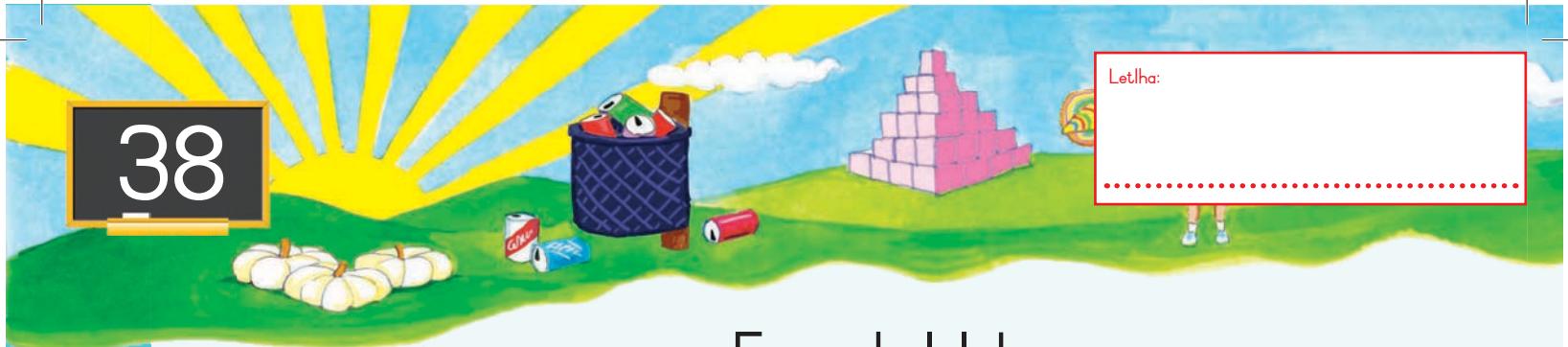
- b. Bana ba Moalusi ba boloka R47 mmogo.  
Mmaabona o tlhakanya le R58. Gajaana ba na le bokae?



- c. Bese ya sekolo e tsamaya dikilomitara di le 88 mo mosong le di le 73 mo maitseboeng.  
Ke dikilomitara di le kae gotlhelele?



38



Kgweditharo 2

## E rarabolole!



Dikhurumelo tsa mabotlolo

Dirisa mokgwa wa gago fa o batla.  
Bontsha tiro ya gago.



Sipho



Andile

Sipho o bala dikhurumelo tsa mabotlolo di le 87. Andile o bala di le 38.

Sipho o bala dikhurumelo tsa mabotlolo di le kae go feta Andile?



Konsarata ya sekolo



Musa

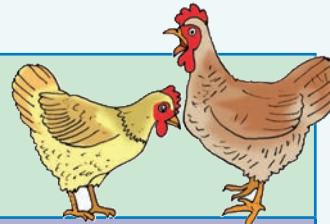


Musa o rekisa dithekete. O simolola a na le dithekete di le 92. O setse ka di le 67.

Ke dithekete di le kae tse Musa a setseng a di rekisitse go fitlhela fa?



Katiso e nngwe



Go na le ditsuane di le 69 mo hokong e le nngwe le di le  
95 mo go e nngwe. Go na le dikoko di le kae fa di feletse?  
Buisa gore Jabu le Thembi ba rarabolola jang bothata jwa bona.

$$\begin{aligned} \text{Tsela ya ga Gugu} \\ 60 + 90 + 9 + 5 \\ = 100 + 50 + 14 \\ = 150 + 10 + 4 \\ = 164 \end{aligned}$$



$$\begin{aligned} \text{Tsela ya ga Aakar} \\ 69 + 95 \\ = 70 + 95 - 1 \\ = 70 + 90 + 5 - 1 \\ = 160 + 4 \\ = 164 \end{aligned}$$

Ke ntshitse 1. A o itse  
gore ke eng a ntsha?



- a. Basimane ba kokoanya R96 ya leeto la tlelase. Basesana ba kokoanya R79.  
Ba kokoantse bokae gotlhé fa e feletse?

Dirisa tsela ya ga Gugu

Dirisa tsela ya ga Aakar

- b. Sekolo se sengwe se kokoanya 76 kg ya dithini. Sekolo se sengwe se kokoanya  
68 kg ya dithini. Ke di kg di le kae tsa dithini tse dikolo di le pedi di di kokoantseng  
mmogo fa di feletse?

Dirisa tsela ya ga Gugu. Netefatsa.

Dirisa tsela ya ga Aakar



Teacher:
Sign:
Date:

39



Letlha:

Kgwenditharo 2



Go batla karolo

Kwala dipalo tse di tlogetsweng.

a.

100	
	27

b.

100	
39	

c.

100	
43	

d.

100	
56	

e.

200	
140	

f.

200	
	110

g.

200	
135	

h.

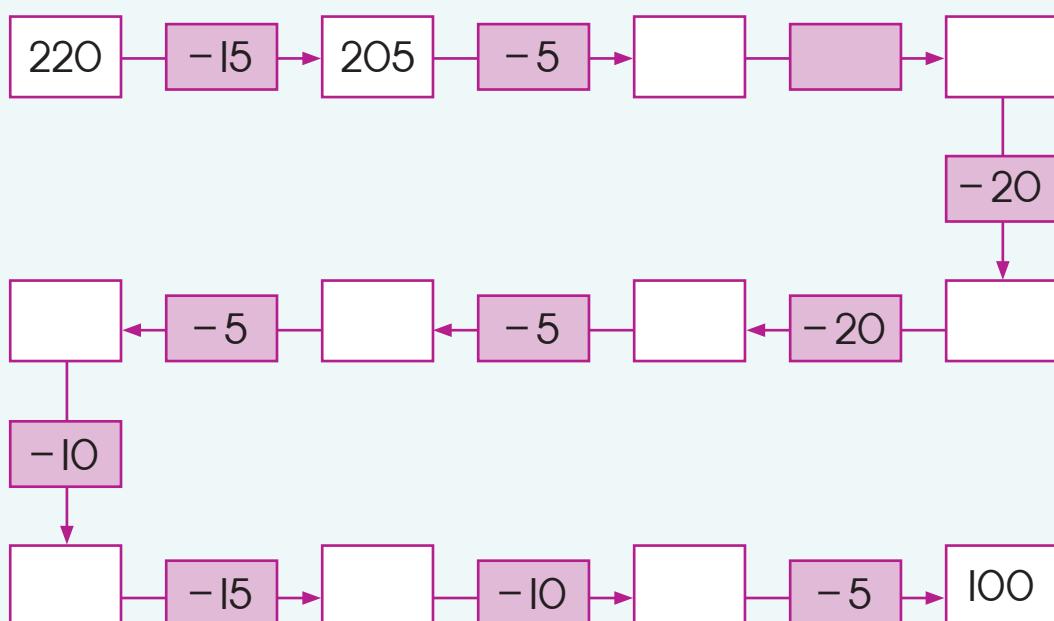
200	
	120



Go ntshetsa kwa morago go tloga ka 220 go fitlha ka 100

Ntsha dipalo tse di mo lebokosong le le pinki nako nngwe le nngwe.

Re go diretse ya ntliha.



Fano ke tsela  
ya go netefatsa  
dikarabo tsa  
gago!

Simolola kwa go  
100! Direla go  
ya kwa morago  
go 220.

Mme jaanong o  
tsenye dipalo.

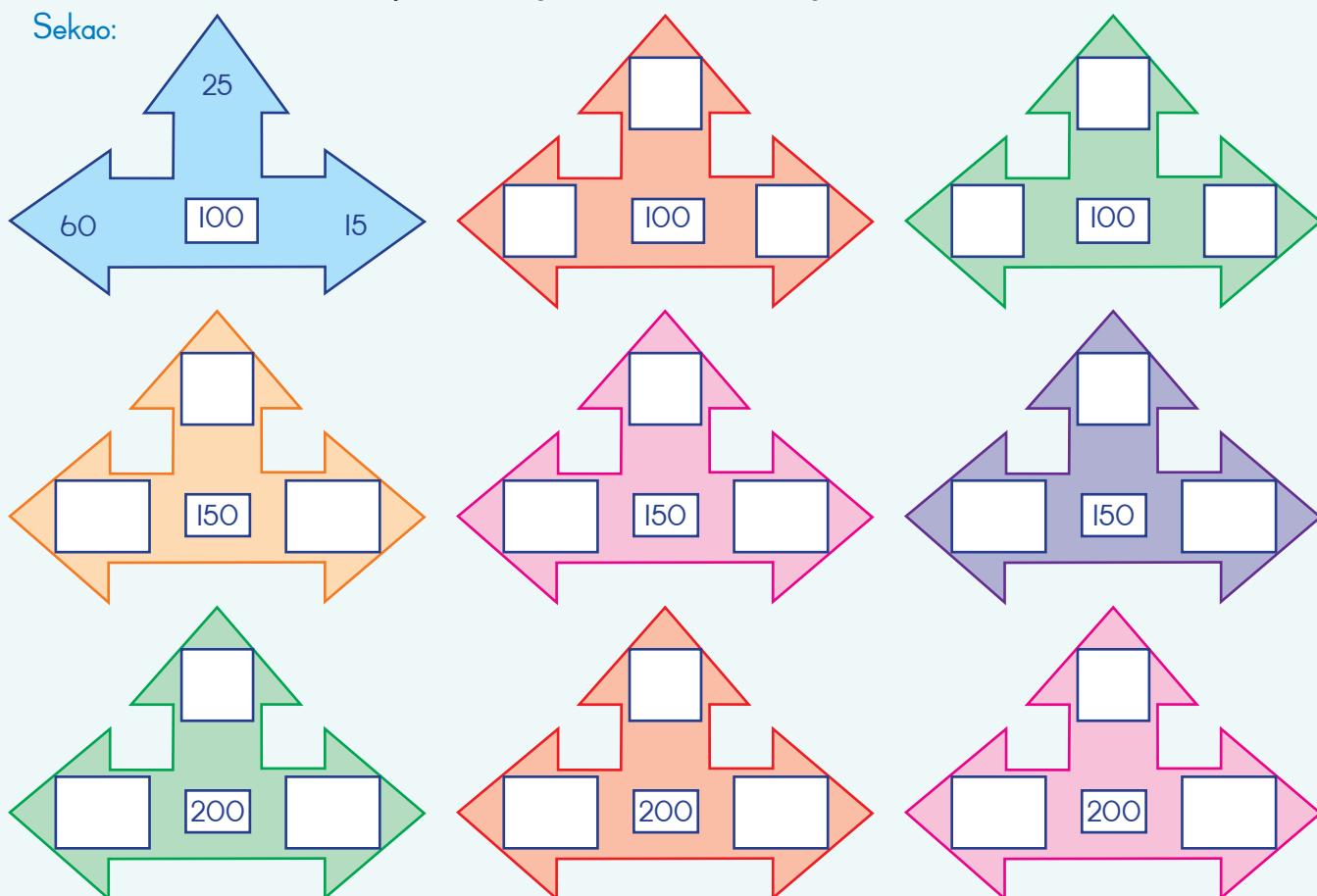


### Malapa a 3

Batla dinomore di le 3 tse di dirang nomore e e lebeletsweng.

Molawana: Ke palo e le nngwe fela e e ka felelang ka O.

Sekao:



50 go feta le 50 kwa tlase

Kwalang dikarabo mo moleng wa 2.

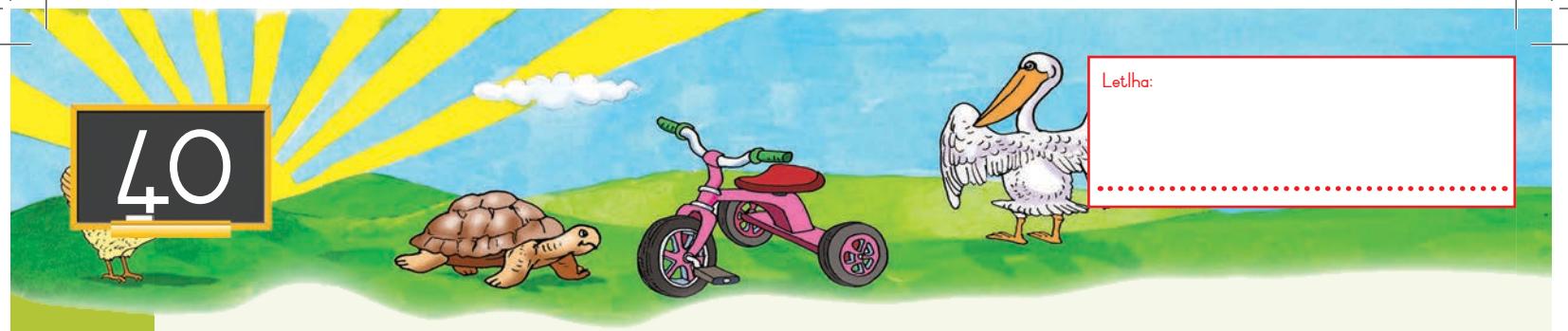
	70	125	150	81	96	122	134	III	70
+50									
	120								
-50		186	200	158	179	139	79	126	138
									99



11 12 13 14 15 16 17 18 19 20



40

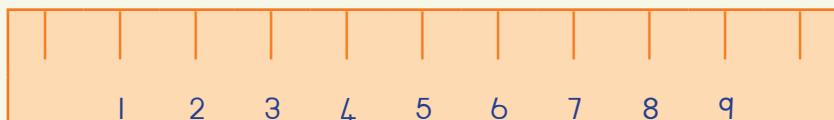


Letlha:

## Kgweditharo 2



Sentimitara e bogolo bo le bokae?



Dinomore mo ruleng di emetse **disentimitara**.

Re dirisa khutshwafatso kgotsa letshwao **cm**.

Fa o dirisa rula, o tshwanetse go simolola go lekanyetsa go tswa go O.

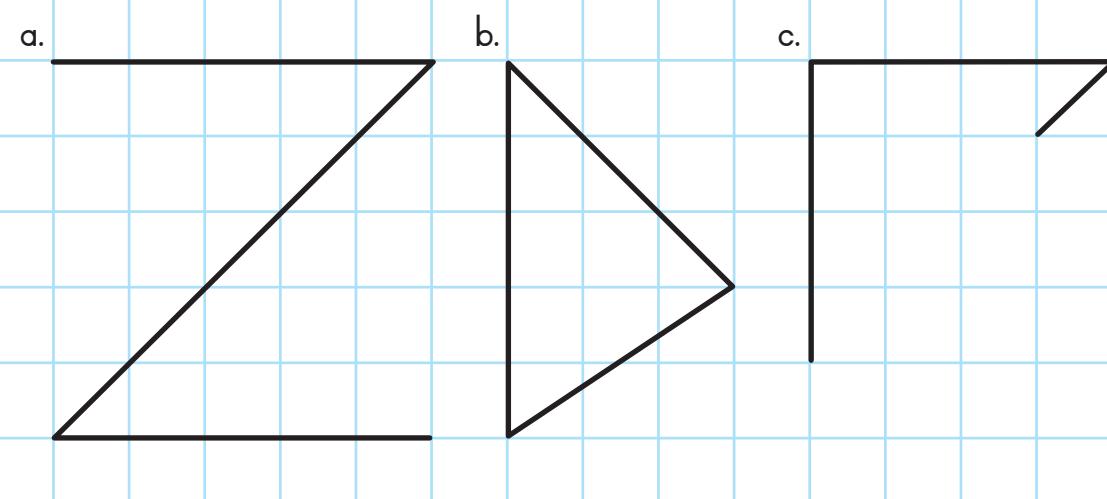
Dirula tse dingwe ga di bontshe O jaaka e e mo tsebeng e.

Batla cm ya lefela mo ruleng. Kwala O mo ruleng.

10 cm e fa kae mo ruleng e? Kwala 10 fao.



Fopholetsa, morago o lekanyetsa ka nepagalo ka rula ya gago, palogotlhhe ya bolelele jwa mela e ka disentimitara (cm).



a. Fopholetsa <input type="text"/> cm	b. Fopholetsa <input type="text"/> cm	c. Fopholetsa <input type="text"/> cm
Lekanyetsa <input type="text"/> cm	Lekanyetsa <input type="text"/> cm	Lekanyetsa <input type="text"/> cm



## Mola o mongwe le o mongwe o boleele bo le bokae?

Mola o mongwe le o mongwe o boleele jwa dicm di le kae?

Dirisa monwana wa gago go go thusa go dira tshwetso.

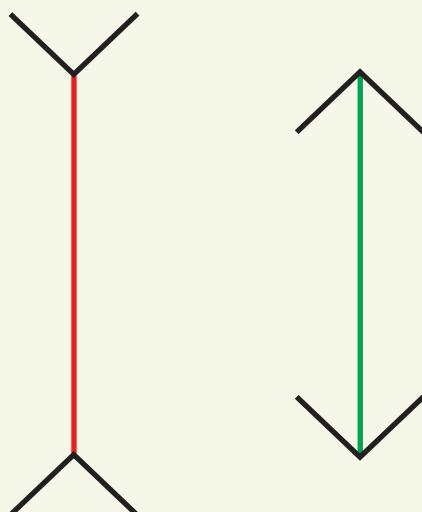
a. —————	<input type="text"/> cm	d.	<input type="text"/> cm
b. —————	<input type="text"/> cm	e. \	<input type="text"/> cm
c. —————	<input type="text"/> cm	f. \	<input type="text"/> cm



## A o a netefatsa?

Ke efe e e telele, mola o mohibidu kgotsa mola o botala jwa tlhaga?

O ka netefatsa jang?



Seno ke se re se bitsang phorego ya matlho. Se diragala fa o batla matlho a gago a bone se wena o batlang go se bona e leng selo se se seng teng. Mela e mebedi e lekana ka boleele. Mela e mentsho e e tswelang kwa ntle e dira gore mela e mohibidu e lebega o ka re e meleele mme mela e mentsho e e tsenang ka mo gare e dira gore mela e metala e bonale o kare e mekhutshwane.





# Ntlha ya 300



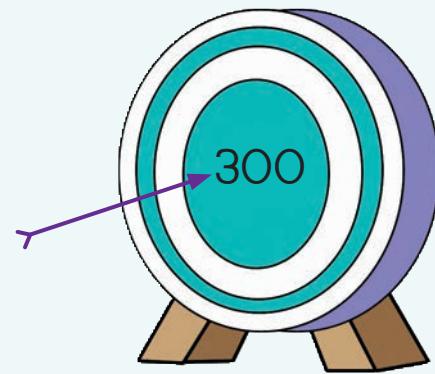
# Go bala le go kwala bo200

Bala go tswa go 201 go ya go 300.

Supa fa o ntse o ya.

Morago tlatsa dinomore tse di botala jwa legodimo pele.

Kwala dinomore tsotlhe tse di setseng.



Kwala dinomore tse di 10 tse di latelang morago ga 300.

300; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_;



Ke motlolo ofe?

30I

28I

I7I

2II

I0I



Go bontsha le go bapisa

- a. Kwala dipalo tse di tsenang mo karateng nngwe le nngwe.

298;

208;

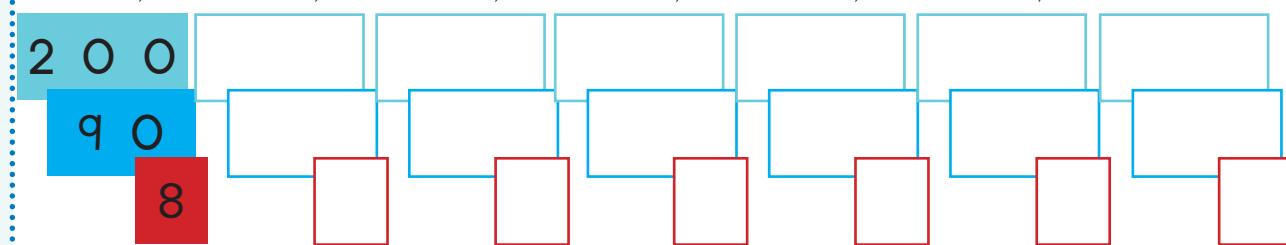
30I;

276;

227;

269;

3II



- b. Kwala dipalo ka tatelano go tloga ka e nnyennygo fitlha ka e kgolokgolo.

\_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Ke eng se se fetogang? Kwala dipalo tse di tlogetsweng.

Simolola



Bokhutlo



11 12 13 14 15 16 17 18 19 20

||||| ||||| ||||| ||||| ||||| |||||

42



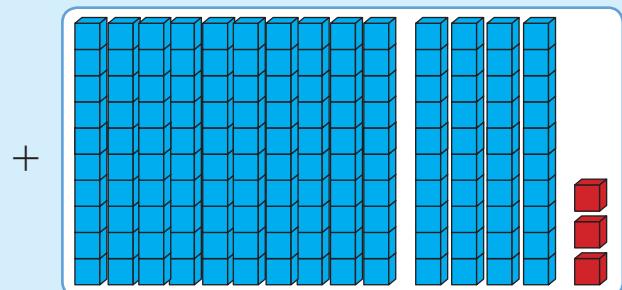
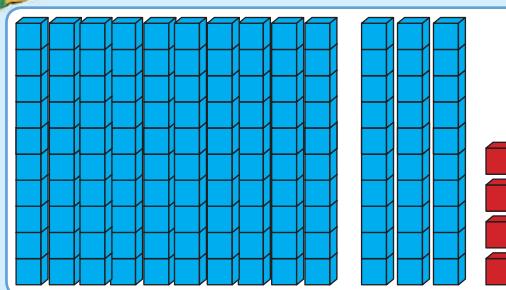
Letlha:

Kgweditharo 2



## Go tlhakanya le go ntsha ka bolOO

Go dirisa diboloko go tlhakanya



$$\begin{array}{r}
 \begin{array}{r}
 100 \quad 30 \quad 4 \\
 + \quad \quad \quad \\
 \hline
 200 \quad 70 \quad 7 \\
 = \quad \quad \quad \\
 \hline
 277
 \end{array}
 \end{array}$$



Sala mekgwa e mebedi morago. Bontsha karabo nngwe le nngwe ka mekgwa e mebedi.

a.  $132 + 123$

Mokgwa wa ga Busi

$$\begin{aligned}
 &= 100 + 100 + 30 + 20 + 2 + 3 \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$



Mokgwa wa ga Tumi

$$\begin{aligned}
 &\cancel{132} + \cancel{123} \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$



b.  $114 + 162$



c.  $276 + 148$



Lebelela mekgwa mme o ntshe.

a.  $158 - 146$

Mokgwa wa ga Busi

$$\begin{aligned}
 &= 100 - 100 + 50 - 40 + 8 - 6 \\
 &= 0 + 10 + 2 \\
 &= 12
 \end{aligned}$$



Mokgwa wa ga Tumi

$$\begin{aligned}
 &\cancel{1} \cancel{5} \cancel{8} - \cancel{1} \cancel{4} \cancel{6} \\
 &= 0 + 10 + 2 \\
 &= 12
 \end{aligned}$$



b.  $194 - 122$

c.  $288 - 199$



43



Letlha:

## Kgweditharo 2

### Ntlha ya 400

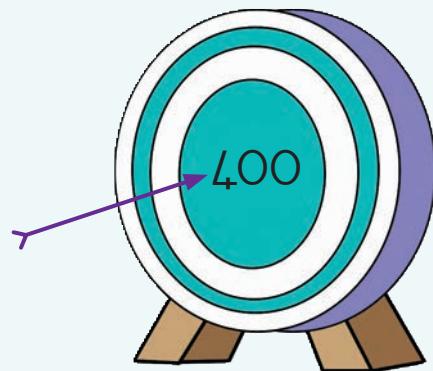


Go bala le go kwala bo 400

Go bala go tloga ka 300 go fitlha ka 400.

Bua dipalo fa o ntse o tsamaya.

Kwala dipalo tse di tlogetsweng mo keriting.



301								310
				315				
								330
331			335					
							249	
			365			368		
	273							390
								400



Kwala dipalo tse di latelang morago ga 400 di le 9.

400; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ;

100

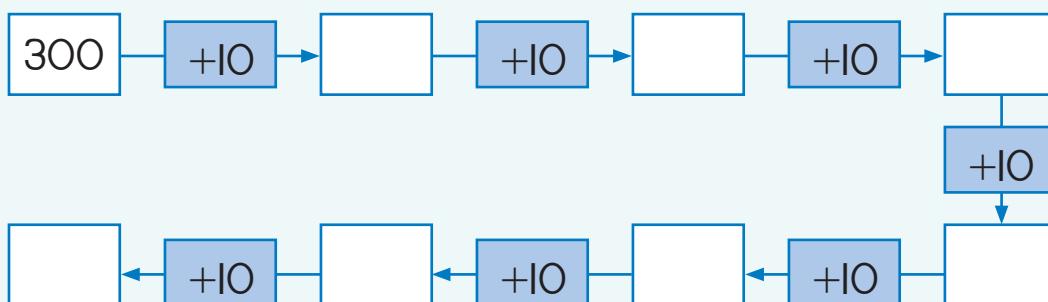
1 2 3 4 5 6 7 8 9 10



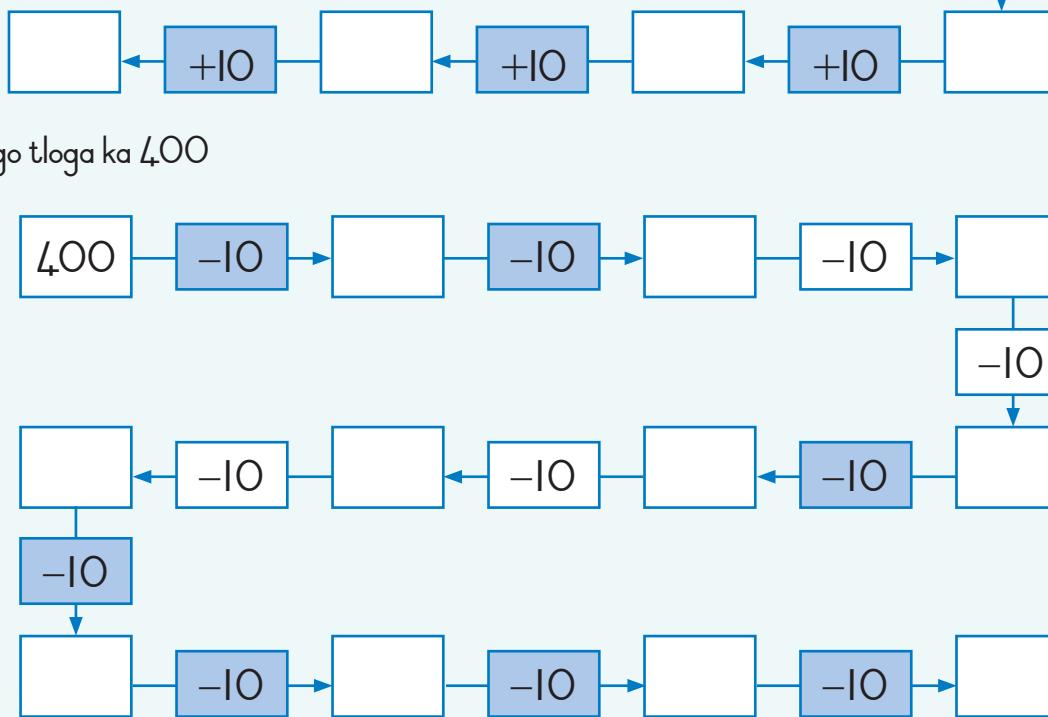
Ke phetoge efe?

- a. Go balela kwa pele go tloga ka 300

Simolola



Khutla



Khutla



Kwala jaaka palo e le nngwe.

$300 + 20 + 4 = \underline{\hspace{2cm}}$

$300 + 10 + 5 = \underline{\hspace{2cm}}$

$300 + 50 + 3 = \underline{\hspace{2cm}}$

$300 + 70 + 7 = \underline{\hspace{2cm}}$

$300 + 60 + 2 = \underline{\hspace{2cm}}$

$300 + 90 + 9 = \underline{\hspace{2cm}}$

$300 + 80 + 1 = \underline{\hspace{2cm}}$

$300 + 40 + 8 = \underline{\hspace{2cm}}$

Kwala dipalo ka tatelano go tloga ka e nnyennye go fitlhha ka e kgolokgolo.

      ,       ,       ,       ,       ,       ,       ,       



Teacher:  
Sign:  
Date:

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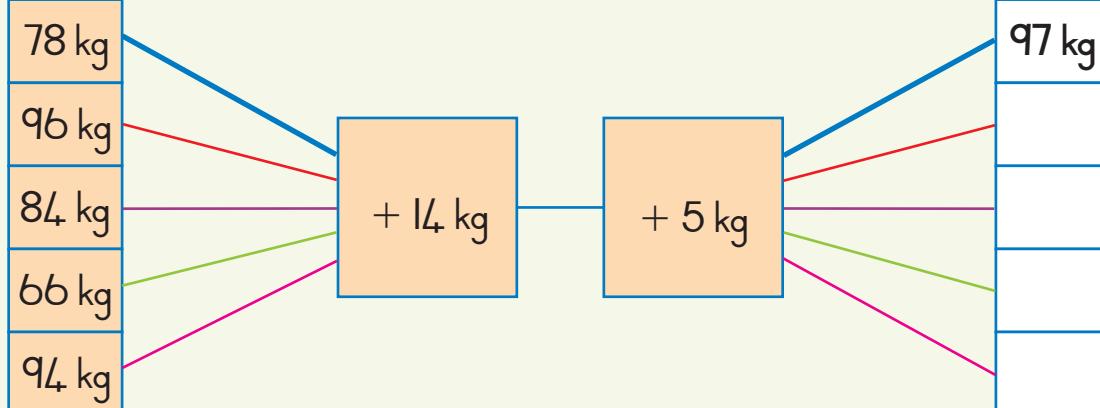
Letlhha:

## Kgweditharo 2



Nomore e e kgethegileng  
Tlhakanya o bo o kwala dikarabo.

## Go kala



Go garela le go tlhakanya!

Nagana ka botlhale!

Phokojwe 25 kg	Khudu 98 kg	Tshwene 59 kg	Ngwana wa Pitse e tilodi 88 kg	Pelikhene 9 kg

Golokeletsa boima jwa phologolo nngwe le nngwe go 10 kg.

Kwala mmase wa phologolo nngwe le nngwe ka tatelano go tloga go botlhoho go fitlha go bokete.

Fopholetsa palogotlhhe ya mmase wa diphologolo tse 5.



## Tlhakanya mmase wa tsona



Nka tswa ke se boima jaaka wena. Khudu ya motsofe, fela ke netefatsa gore ke lebelonyana. lobelo go go feta!

Dikgato



- Dirisa dilekanyo tsa gago tse di garetsweng go fopholetsa.
- Fopholoetsa mmase wa diphologolo mo moleng mongwe le mongwe.
- Balela dipalogotlhe ka go dirisa mmase wa nnate.
- Bapanya dipalogotlhe tse pedi mme o kwale pharologano.

	Ke a fopholetsa	Ke a balela	Pharologano
+			
+  +			
+  +			



## Mmase wa ga Vusi

Netefatsa. Bapisa. Siamisa.

Vusi o tlhakanya mmase wa gagwe le mmase wa ga le .

Palogotlhe ya mmase ke **239 kg**. Vusi o bega bokae? Bontsha karabo ya gago.

--	--



## Bokete jwa me ke bokae?

Tshameka mo setlhopheng. Refosanang ...

Tlhakanya mmase wa gago le mmase wa diphologolo dingwe. Batla palogotlhe. Bolelela setlhophha karabo. O se ka wa ba bontsha tiro ya gago! Morago ba tshwanetse go leka go bereka mmase wa gago.



45



Ntliha:

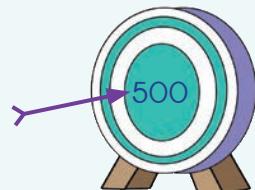
.....

## Kgweditharo 2



Go bala le go kwala

								400
401				405				410
411								420
	422				427			
		434						
			446					
					458			
	462						470	
		473			477			
481								490
							499	500



- a. Balela go tswa go 400. Bolela dipalo fa o ntse o tsamaya.
- b. Kwala dipalo tse di tlogetsweng mo keriting.
- c. Kwala dipalo tse di latelang di le 9 morago ga 500.

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

- d. Bala ka bo2. Kwala dipalo di le 8 ka paterone ya bo2.

400; 402; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

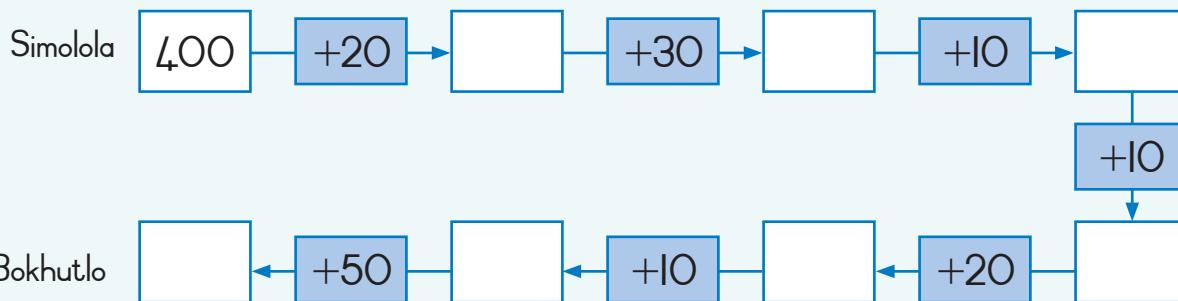
- e. Bala ka bo5. Kwala dipalo tse di latelang di le 8 ka paterone ya bo5.

400; 405; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

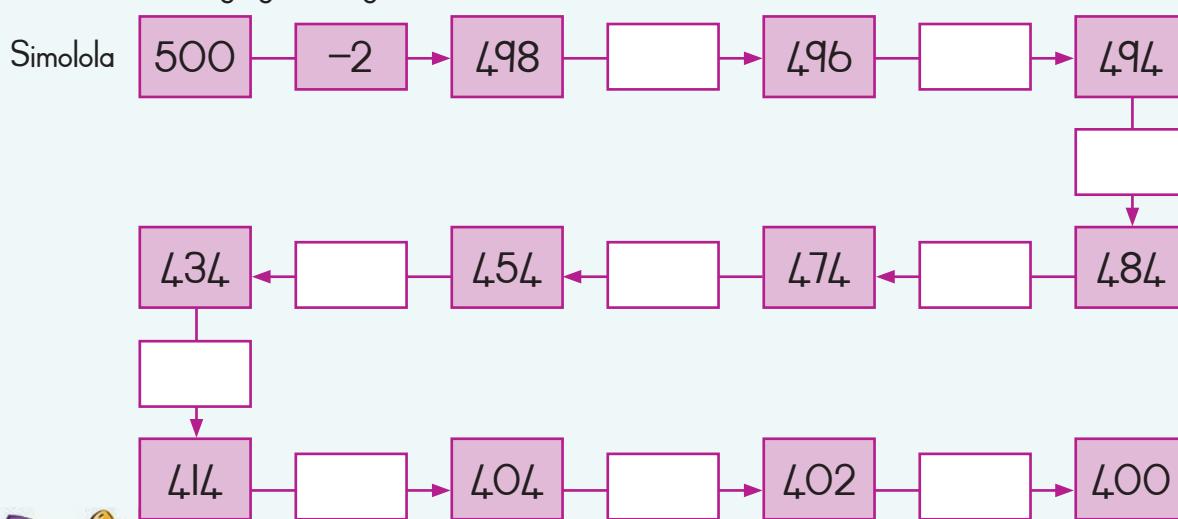


## Phetogo ke eng?

- a. Balela kwa morago go tswa go 400.



- b. Balela kwa morago go tswa go 500.



Go bontsha dipalo. Sala sekao morago

Batla dipalogotlhé. Dirisa dikaratapalo tsa gago go bontsha palogotlhé nngwe le nngwe.

$405 + 10$	$415$	$400 + 10 + 5$
$446 + 10$		
$455 + 10$		

$398 + 10$		
$424 + 10$		
$460 + 20$		



46



Letlhao:

## Kgweditharo 2

### Tsweletso ya go tlhakanya le go ntsha

O lemoga eng?

$$\begin{array}{r}
 200 \\
 + 200 \\
 \hline
 400
 \end{array}
 \quad
 \begin{array}{r}
 50 \\
 + 30 \\
 \hline
 80
 \end{array}
 \quad
 \begin{array}{r}
 4 \\
 + 5 \\
 \hline
 9
 \end{array}$$

$$\begin{array}{r}
 400 \\
 + 80 \\
 \hline
 480
 \end{array}
 \quad
 \begin{array}{r}
 9 \\
 + q \\
 \hline
 489
 \end{array}$$



Re ya go dirisa mekgwa ya ga Busi le Tumi gape go tlhakanya.

a.  $245 + 231$



Mokgwa wa ga Busi

$$\begin{aligned}
 &= 200 + 200 + 40 + 30 + 1 \\
 &= 400 + 70 + 1 \\
 &= 471
 \end{aligned}$$

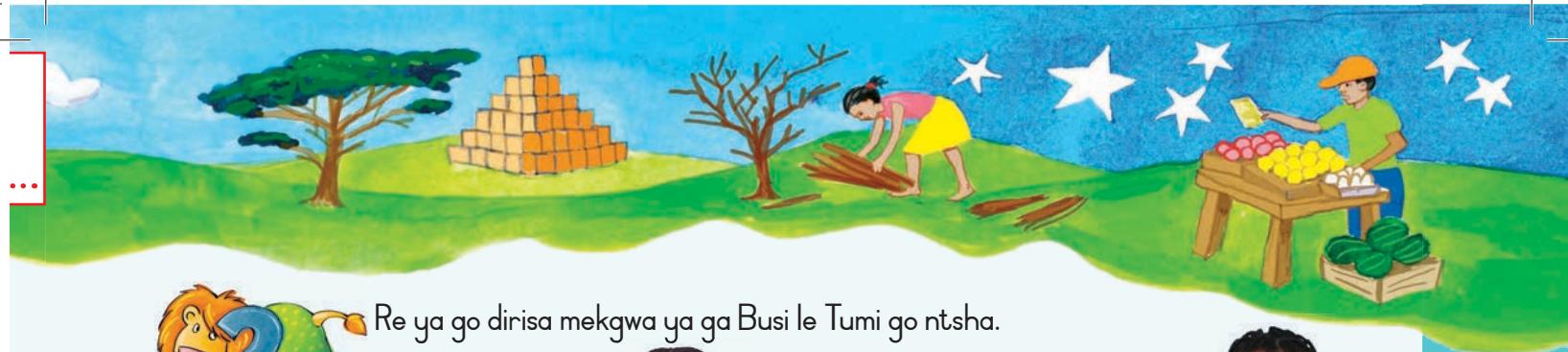


Mokgwa wa ga Tumi

~~$$\begin{aligned}
 &245 + 231 \\
 &= 400 + 70 + 6 \\
 &= 471
 \end{aligned}$$~~

b.  $278 + 136$

c.  $265 + 148$



Re ya go dirisa mekgwa ya ga Busi le Tumi go ntsha.

a.  $476 - 324$

Mokgwa wa ga Busi

$$\begin{aligned} &= 400 - 300 + 70 - 20 + 6 - 4 \\ &= 100 + 50 + 2 \\ &= 152 \end{aligned}$$



Mokgwa wa ga Tumi

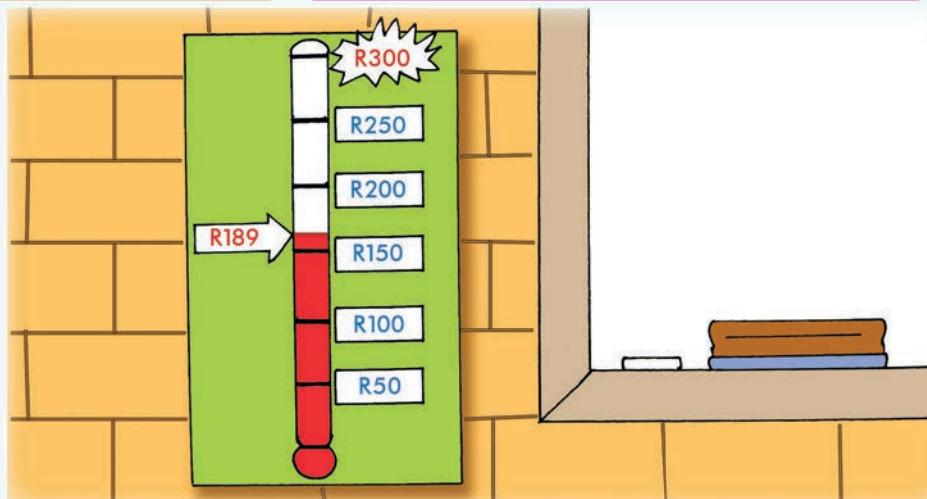
$$\begin{aligned} &\cancel{4}7\cancel{6} + \cancel{3}2\cancel{4} \\ &= 100 + 50 + 2 \\ &= 152 \end{aligned}$$

b.  $489 - 456$

c.  $482 - 161$



Go fitlhelela ntsha



Ithute setshwantsho

Ke bokae gape go fitlhelela ntsha?

R



Teacher:

Sign:

Date:



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Letlha:

## Kgweditharo 2



Thaba ya sephiri

Leina la thaba e e kwa godimo mo Gauteng ke eng? Dirisa khoutu go batla karabo. Golaganya karabo e nngwe le e nngwe mo theiboleng le tlhaka mo khoutung.

A	B	C	D	E	F	G	H	I	J	K	L	M
I	2	3	4	5	6	7	8	q	IO	II	I2	I3
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
I4	I5	I6	I7	I8	I9	20	2I	22	23	24	25	26

Tshedimosetso ya dipalo	Karabo	Tlhaka
Sekao: $2 \times 3 \times 3 \times 1 = \square$	18	R
$50 + 50 + 50 + 100 - 200 - 45 = \square$		
$1 + 2 + 7 + 10 + 7 + 1 - I4 = \square$		
$60 - 30 + 50 + 20 - 50 - I5 - 20 = \square$		
$3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$		
$5 + 3 + 30 = 4 + 2 + I2 + \square$		
$100 - 5 - 70 = 20 + \square$		
$36 + I4 - 60 - 22 = \square$		
$I0 + I5 = I4 + \square$		
$2 + 1 + I4 + q + I4 = 25 + \square$		
$I \times 2 \times 2 \times 2 \times 2 = \square$		

Leina la thaba ke



Lebelela, nagana, mme o arabe!

●	★	☾	★	●	●	★	☾	★	●	●	★	☾	★	●
I	2	3	4	5	6	7	8	9	10	II	12	13	14	15

- a.
- Palo ya 16 e tlaa nna sebopego sefe? Tshwaya (✓) e e nepagetseng     ★ ● ☽
- Palo ya 18 e tlaa nna sebopego sefe? Tshwaya (✓) e e nepagetseng     ★ ● ☽
- Palo ya 23 e tlaa nna sebopego sefe? Tshwaya (✓) e e nepagetseng     ★ ● ☽

- b.
- |                          |                         |
|--------------------------|-------------------------|
| Nomore 50 e tlaa nna ★.  | Nnete kgotsa Fosagetse? |
| Nomore 100 e tlaa nna ●. | Nnete kgotsa Fosagetse? |
| Nomore 28 e tlaa nna ☽.  | Nnete kgotsa Fosagetse? |



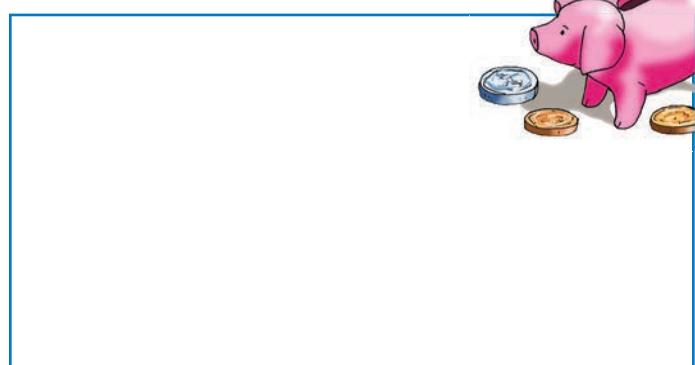
Ke efe e e fetang?

Go bona madi a mofago a R2,50 ka letsatsi mo dikgweding tsa Seetebosigo le Phukwi.

Kgotsa go bona R150 ka letsatsi la ntlha la Phatwe.

Bontsha gore o e berekile jang.

Tlhola. Bapisa. Nepagetseng



II 12 13 14 15 16 17 18 19 20

48



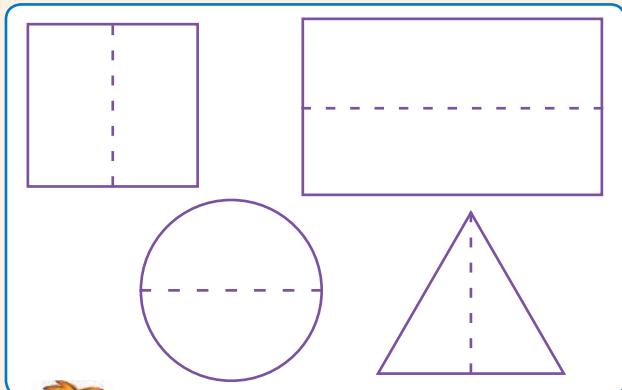
Letlha:



## Kgweditharo 2

### Tekatekano

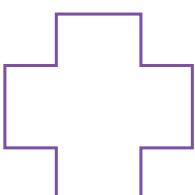
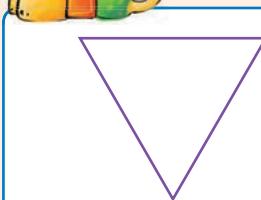
O lemoga eng ka ga dibopego tse?



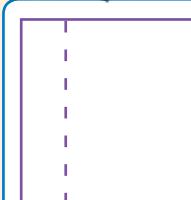
Thalela sebopego sengwe le sengwe mola wa tekatekano.

Mola wa tekatekano o aroganya sebopego ka diripa kana dihalofo di le pedi gore seripa sengwe le sengwe se tshwane le se sengwe kgo!

Sebopego se na le tekatekano fa o kgona go se mena mo moleng wa tekatekano gore dihalofo tse pedi di nyalane mme di lekalekane.



A mola o o maronthorontho ke mola wa tekatekano kgotsa nnyaya? Sekeletsa (E) Ee kgotsa (N) Nnyaya.

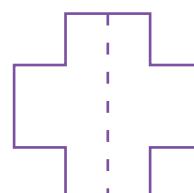


E / N

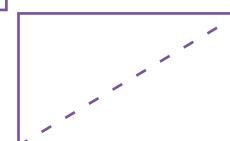
E / N



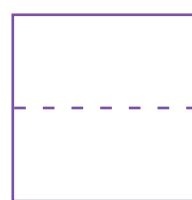
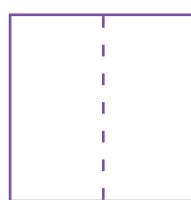
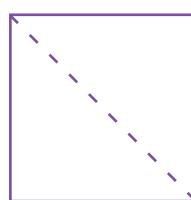
E / N



E / N



A se ke mola wa tekatekano? Goreng?

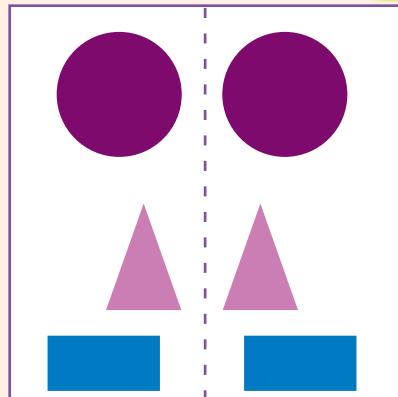




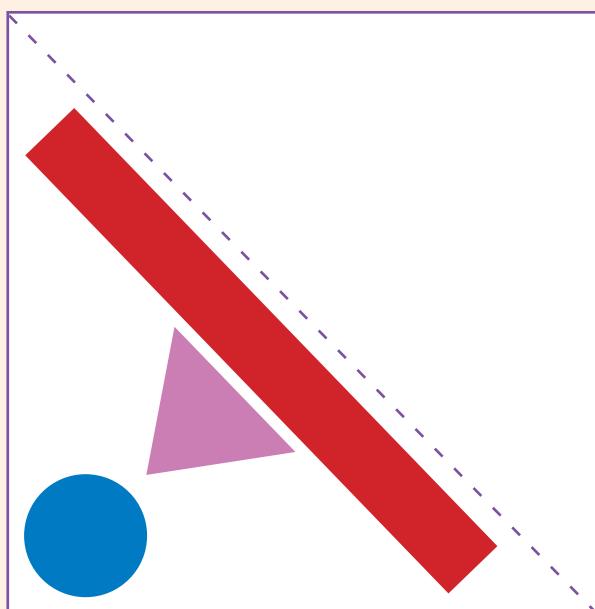
Thala dibopego go dira gore setshwantsho se lekalekane.

Re go diretse tsa ntliha.

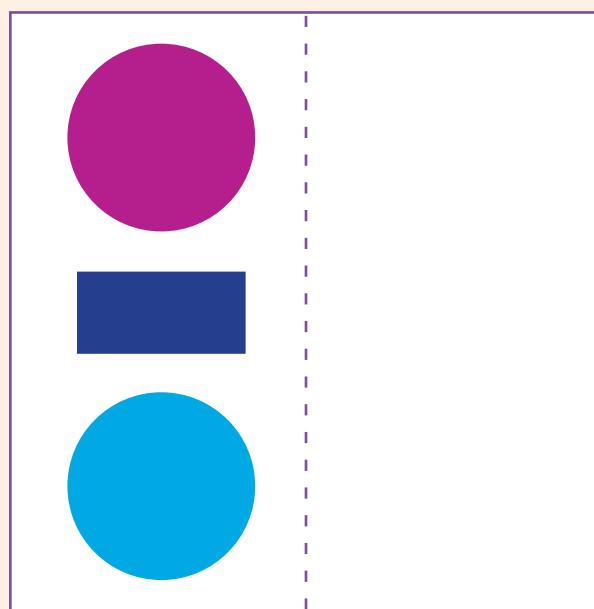
a.



b.



c.



Itlhamele  
mmetshe  
wa gago o o  
lekalekanang o  
dirisa dibopego.



49

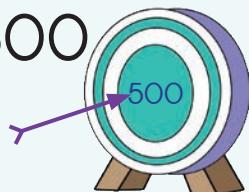


Letlha:

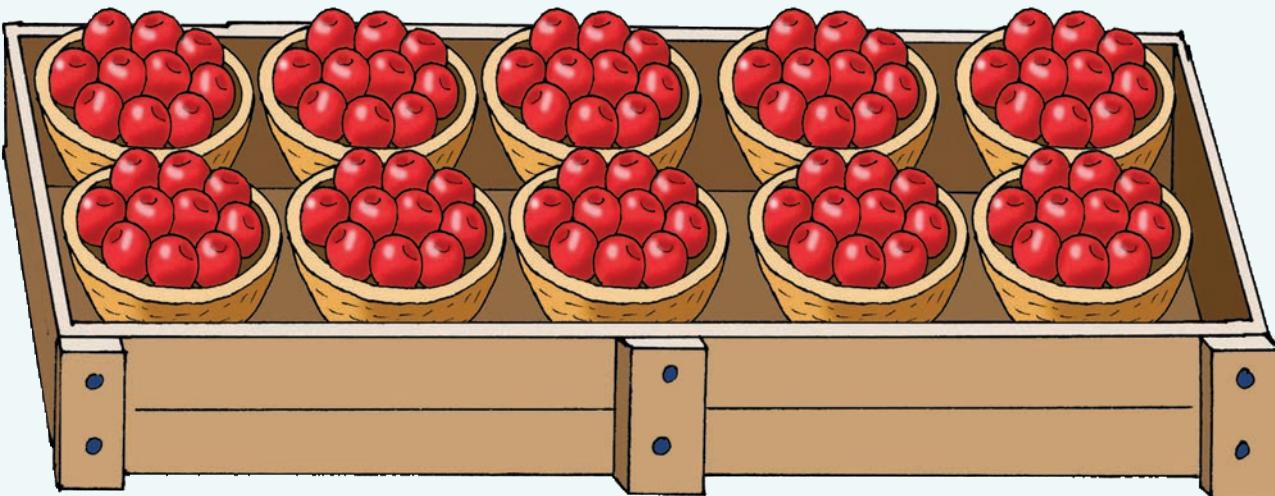
## Kgweditharo 2



Go bala diapole



Go aga go fitlha go 500



Feleletsa o bo o atisa

Seroto se le 1 se tshotse diapole di le ____.	$1 \times 10 = 10$
Diroto di le 3 di tshola diapole di le ____.	$3 \times 10 =$
Diroto di le 5 di tshola diapole di le ____.	
Diroto di le 4 di tshola diapole di le ____.	
Diroto di le 2 di tshola diapole di le ____.	
Kereiti e le 1 e tshotse diapole di le <b>100</b> .	Dikereiti di le 2 di tshotse diapole di le ____.
Dikereiti di le 3 di tshotse diapole di le ____.	Dikereiti di le 4 di tshotse diapole di le ____.
Dikereiti di le 5 di tshotse diapole di le ____.	Dikereiti tse 2 tse di halofo di tshotse diapole di le ____.

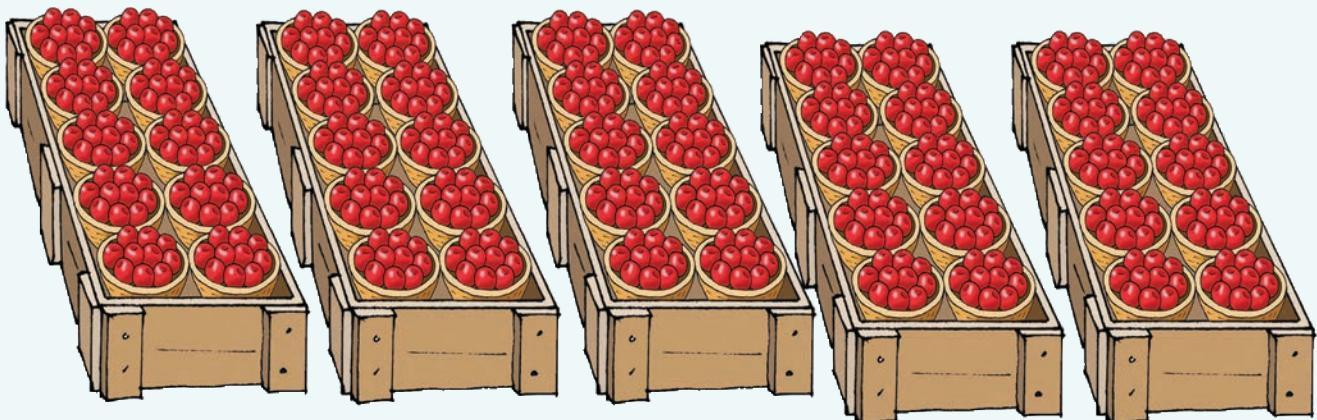


Go na le diapole di le 10 mo serotong kgotsa manking o le I.

Go na le diroto di le \_\_\_\_\_ mo kereiting e le nngwe.

Go na le diapole di le \_\_\_\_\_ mo kereiting e le nngwe.

Go na le diapole di le kae gotlhelele? \_\_\_\_\_



Go balela, go bontsha le go kwala

3 0 0

4 0

5

Sa ntliha dirisa dikaratapalo go bontsha palogotlhe nngwe le nngwe. Morago o kwale palo.

Dikereiti 3 + diroto (dimanki) 4 + diapole 5 + = diapole 345

Dikereiti 4 + diroto (dimanki) 5 + diapole 7 + = diapole \_\_\_\_\_

Dikereiti 5 + diroto (dimanki) 2 + diapole 3 + = diapole \_\_\_\_\_

Dikereiti 4 + diroto (dimanki) 7 + diapole 2 + = diapole \_\_\_\_\_



11 12 13 14 15 16 17 18 19 20

||||||||||||||||||||||||||||||||||||||||

50

Letlhah:

## Kgweditharo 2

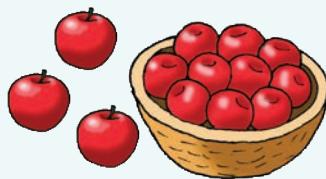
### Go atisa le go arola (10)



Go bala diapole

Tlatsa theibole

Ke diroto di le kae tse di tshotseng diapole?



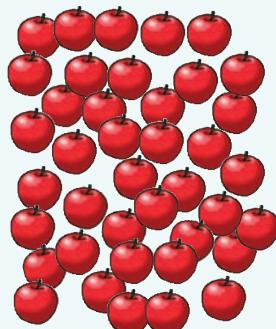
Diapole		10	20	30	40	50
Diroto		1	2			

Palelo ya ÷					$50 \div 10 = 5$
Palelo ya ×					$5 \times 10 = 50$



Aroganya diapole magareng ga bana. Thala setshwantsho.

Kwala palelo ya go arola le ya go atisa go netefatsa karabo ya gago.

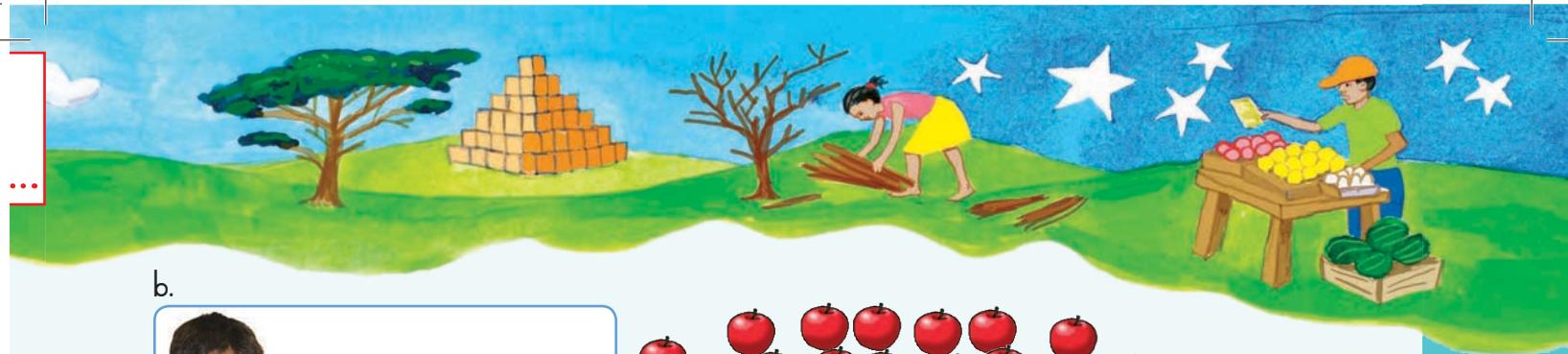


Netefatsa dikarabo  
tsa gago.

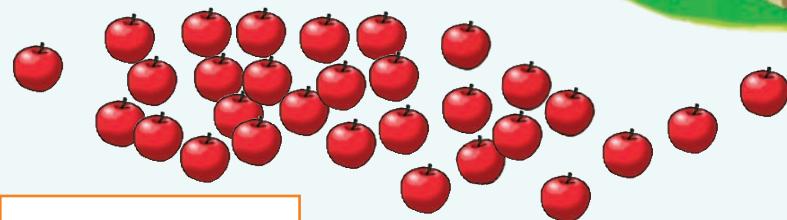
$$\boxed{\phantom{0}} \div \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$\boxed{\phantom{0}} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$





b.



Kwala palelo ÷

Kwala palelo go  
netefatsa dikarabo  
tsa gago. X



Dirisa dipalo go itirela dipolelopalo tsa gago.



Sekao:

$$\div \quad 40 \div 10 = 4$$

$$\times \quad 4 \times 10 = 40$$



$\div$		$\times$	
--------	--	----------	--



$\div$		$\times$	
--------	--	----------	--



$\div$		$\times$	
--------	--	----------	--



Kwala palo e nnyanenyana ga 10 e bile e le kgolwane ga 10 go na le palo e e filweng.

_____, 460, _____	_____, 390, _____	_____, 500, _____
-------------------	-------------------	-------------------



Teacher:

Sign:

Date:

51



Letihā:



## Bala ka bo2

Go balela kwa pele le kwa morago

- 232; 234; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 242; \_\_\_\_\_; \_\_\_\_\_; 248
- 500; \_\_\_\_\_; 496; \_\_\_\_\_; \_\_\_\_\_; 490; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_
- 460; \_\_\_\_\_; \_\_\_\_\_; 400; \_\_\_\_\_; 360; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_
- 341; \_\_\_\_\_; 361; \_\_\_\_\_; \_\_\_\_\_; 391; \_\_\_\_\_; 411; \_\_\_\_\_; \_\_\_\_\_



Para ya ditlelafo



- Ke **dipara tsa ditlelafo** di le kae mo moleng o le mongwe? \_\_\_\_\_
- Ke **ditlelafo** di le kae mo moleng o le mongwe? \_\_\_\_\_
- Ke mela e mekae? \_\_\_\_\_
- Ke ditlelafo di le kae fa di feletse? \_\_\_\_\_
- Bontsha gore o e dirajang.
- Kwala karabo ya gago e le polelopalo.  
\_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_



**Ke ditlelafo di le kae?**

Kwala go ya ka ditheibole.

a.	Para tsa ditlelafo										
	Palo ya dihanesekune	2									

b.	Tlelafo e le nngwe	20	21	70	73
	Dipara tse di ka diriwang				
	Ditlelafo tse di setseng				



**Bala ka bo2**

a. Ke palo efe e e tlang fa gare?

264, ___, 268	391, ___, 395	414, ___, 410
---------------	---------------	---------------

b. Kwala dipalo tse pedi tse di latelang.

373, 375, <u>377</u> , <u>379</u>	480, 482, ___, ___	262, 264, ___, ___
-----------------------------------	--------------------	--------------------

c. Kwala dipalo tse pedi tse di latelang.

346, 348, ___, ___	415, 417, ___, ___	297, 299, ___, ___
--------------------	--------------------	--------------------



11 12 13 14 15 16 17 18 19 20

## Dira tselana ka dithaele



Go rulaganya tshingwana

Mme Mabena o na le dithaele tse dintle.

O di dirisa go dira tselana mo kgaolong ya tshingwana.

Go na le dikwere tsa dithaele di le 6 tse di lekanang ka bogolo.



Ke kgona go dira mola o le 1 ka dithaele di le 6.



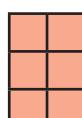
$$6 \times 1 = 6$$

Ke kgona go dira mela e le 2 ka dithaele di le 3.



$$3 \times 2 = 6$$

Ke kgona go dira mela e le 3 ka dithaele di le 2 mola mongwe le mongwe.

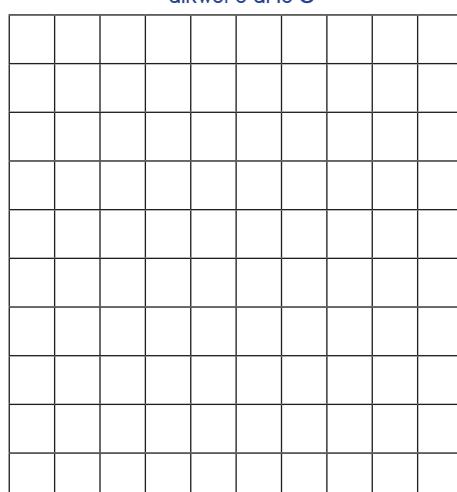


$$2 \times 3 = 6$$

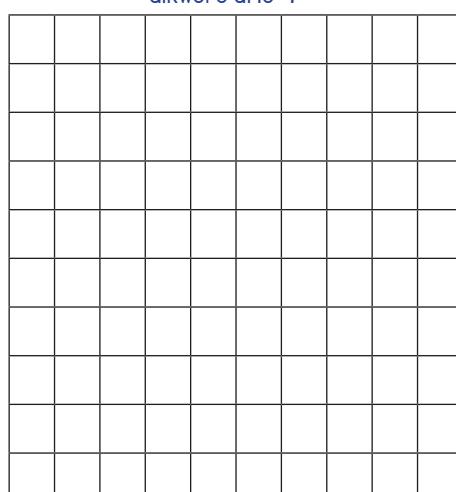
## Jaanong ke sebaka ga gago!

Thala diboloko go bontsha gore o ka rulaganya dikwere tsa dithaele di le 8 le 9.

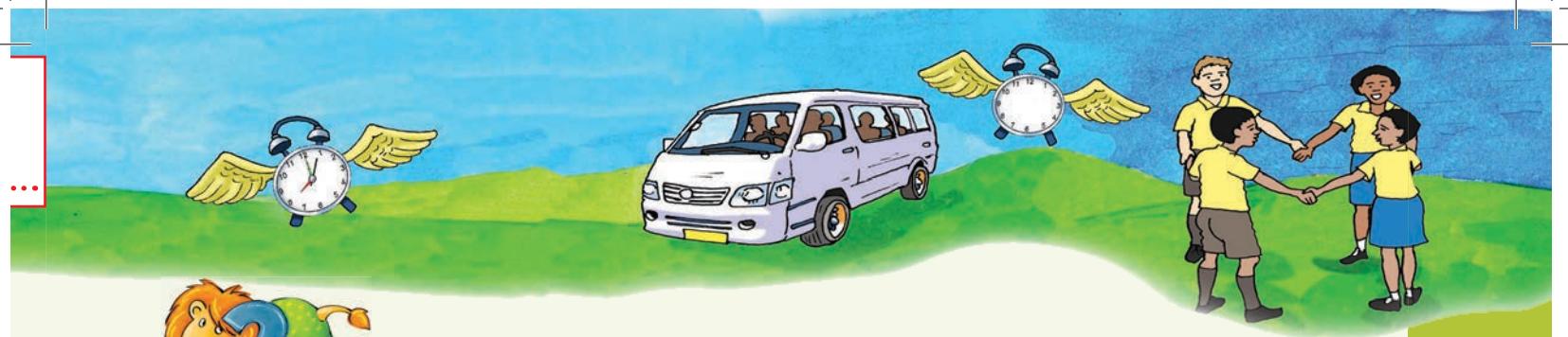
dikwere di le 8



dikwere di le 9



Kwala dipolelopalo tsa setshwantsho sengwe le sengwe.



## Rulaganya dithaele di le 12

Thabo o na le dikwere tsa dithaele di le 12 go dira tselana kwa ntle mo segotlong moo a bayang baesekele ya gagwe teng. Mo thuse go dira seno. Kwala polelopalo ya tsela nngwe le nngwe.

Sekao:	$1 \times 12 = 12$
	$12 \times 1 = 12$



## Rulaganya dithaele di le 24

- Dirisa keriti e e Segeletsweng 2.
- Fifatsa diboloko di le 24 ka mekgwa e e farologaneng.
- Kwala dipolelopalo go nyalanya setshwantsho sengwe le sengwe.

--	--	--



Ke kgona go atisa!

$12 = 2 \times$ <input type="text"/>	$3 \times$ <input type="text"/> $= 12$	$9 =$ <input type="text"/> $\times 3$
$6 = 3 \times$ <input type="text"/>	<input type="text"/> $\times 3 = 12$	$24 = 3 \times$ <input type="text"/>



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Letlhah:

## Ka bo5 go fitlha 500



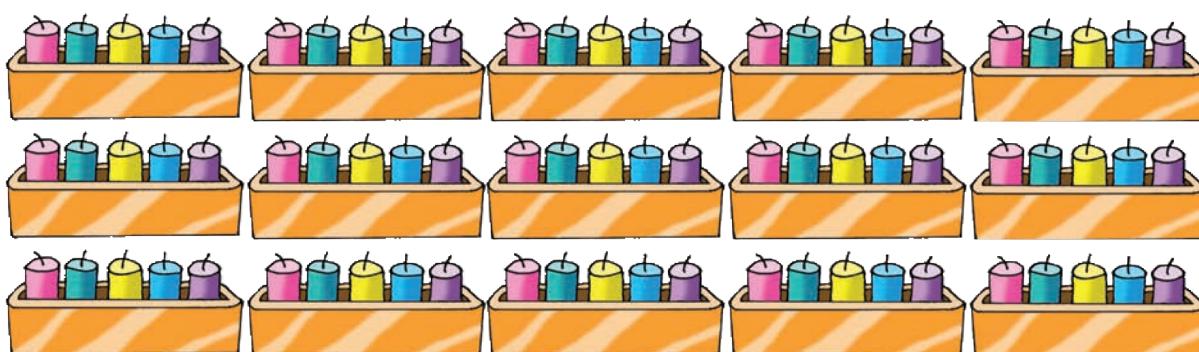
Itse bo-5 ba gago

Tlatsa dikarabo tsa gago.

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



Bala dikerese



- Go na le **dikerese** di le kae mo **lebokosong** lengwe le lengwe? \_\_\_\_\_
- Go na le **mabokoso** a le makae mo moleng mongwe le mongwe? \_\_\_\_\_
- Go na le **dikerese** di le kae mo moleng mongwe le mongwe? \_\_\_\_\_
- Go na le **O** di le kae gotlhele? \_\_\_\_\_



Bontsha karabo

Tshwaya (✓) dipolelopalo tse di bontshang palogotlhé ya dikerese.

a.  $5 \times 3 \times 3 = \square$  b.  $15 \times 3 = \square$  c.  $3 \times 5 \times 5 = \square$  d.  $15 \times 5 = \square$



Bala go ya kwa pele le go ya kwa morago ka bo5

- 85; \_\_\_\_\_; \_\_\_\_\_; 70; \_\_\_\_\_; \_\_\_\_\_; 55; \_\_\_\_\_; \_\_\_\_\_
- 240; \_\_\_\_\_; \_\_\_\_\_; 255; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 280
- 405; \_\_\_\_\_; 395; \_\_\_\_\_; \_\_\_\_\_; 380; \_\_\_\_\_; \_\_\_\_\_; 365; \_\_\_\_\_



### Kokoanya dikhoene tsa R5



Bana ba kokoanya dikhoene tsa R5. Ba tlhoka dikhoene tsa R5 di le kae go dira?

$R5 \div R5$ = 1 khoene (ledi)	$R10 \div R5$ = 2 dikhoene	R15? _____	R20? _____	R25? _____
R30? _____	R35? _____	R40? _____	R45? _____	R50? _____

$$2 \times R5 = R$$

$$4 \times R5 = R$$

A o bona  
dipaterone?

$$3 \times R5 = R$$

$$6 \times R5 = R$$



### Atisa ka bo5

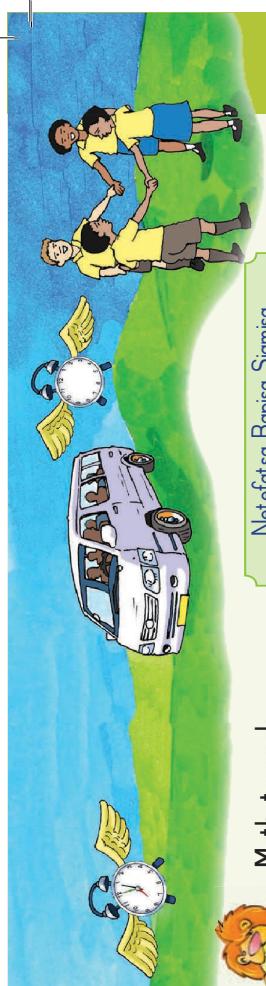
Sekao:  $1 \times 5 = 5$ ;  $2 \times 5 = 10$ ;  $3 \times 5 = 15$

Nagana ka botlhale! Agela mo mabakeng a o a itseng!

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

11 12 13 14 15 16 17 18 19 20





## Go dira ka nako



### Go thala dinako

Halofo go feta 5	Kotara go yo go lesomeningwe	Kotara go feta 12		6:15	4:30

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## Mathata a nako

Rarabolola mathata a mangwe le a mangwe. Dirisa mela ya nako go go thusa.



Netefatsa. Bapisa. Siamisa.



## Mathata a nako

Mine wa ga Nomsa o tloga mo gae ka 2:30.  
O boela morago ka 5:15.  
O tsamalle lobaka lo lo kae?

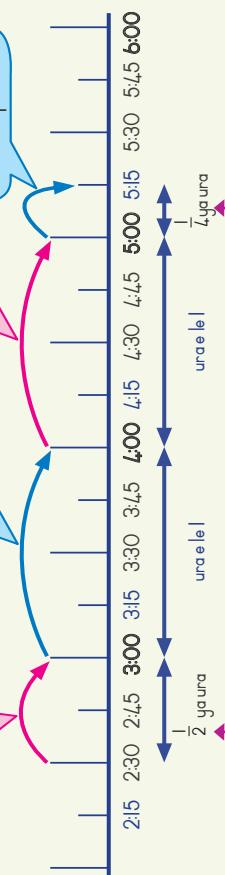
Re ka dirisa mola wa nako go e dira.  
Baya monwana mo go 2:30.  
jaanong nako ke.

Morago tswanetswe  
ke go titiba diura dile  $\frac{1}{4}$   
gope go tsena go  
5:15 p.m.

Go titibela pele ka ura  
e ngwe gape e e  
feletseng e tua go tuisa  
go 5:00 p.m.

Fa o titibakwa pele ka  
diura dile  $\frac{1}{2}$  e tua nna  
3:00 p.m.

Ura e  $\frac{1}{2}$  titibakwa le diura tses pedi tses di titetseng di diura diura  
dile  $\frac{1}{2}$ . Gape fa o titibakwa le ura e  $\frac{1}{4}$  e diura tses  
 $2\frac{3}{4}$  fa di feletseng.

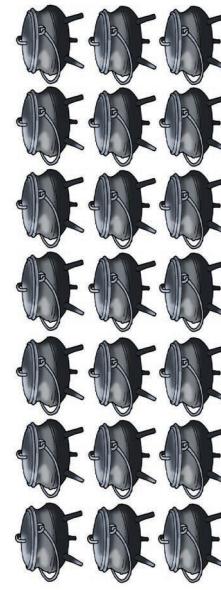


Teacher:  
Sign:  
Date:

55

## Bala ka bo3 le bo4

Dipitsa tsa maoto a 3

Thakanya mme o  
kwale dikarabo

a. Ke dipitsa di le kae mo moleng? \_\_\_\_\_

b. Ke maotwana a le makae mo moleng? \_\_\_\_\_

c. Ke mela e le mekae ya dipitsa? \_\_\_\_\_

d. Ke maotwana a le makae gotihellele? Bontsha gore o e berekajang.

Tshwaya (✓) Ke dipolelopalo dife tse di fa tlase tse di bontshang palogotih?  
 $2 \times 7 = \square$        $3 \times 7 \times 3 = \square$        $3 \times 4 \times 2 = \square$        $21 \times 3 = \square$

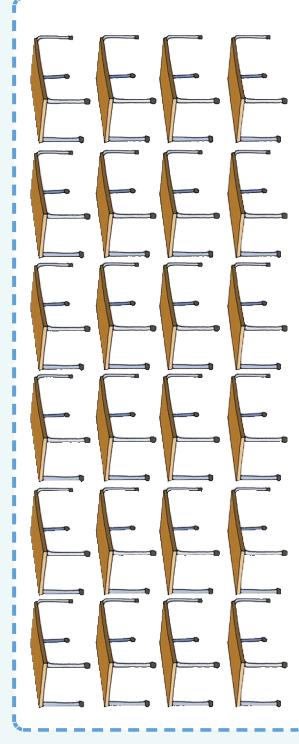
Ke maotwana a le makae?

Akanya ka bondako.  
Akanya sentie

Pitsa 1	3	Maotwana	Dipitsa 10	Maotwana
Pitsa 2		Maotwana	Dipitsa 15	Maotwana
Pitsa 3		Maotwana	Dipitsa 13	Maotwana
Pitsa 4		Maotwana	Dipitsa 16	Maotwana
Pitsa 5		Maotwana		

2	3	4	5	6	7	8	9	10	11	12
× 3										
× 4										

## Maotwana a tafole



a. Ke ditafole di le kae mo moleng? \_\_\_\_\_

b. Ke maotwana a le makae mo moleng? \_\_\_\_\_

c. Ke mela e le mekae ya ditafole? \_\_\_\_\_

d. Ke maotwana a le makae gotihellele? Bontsha gore o e berekajang.



Khapentara e dira ditafole. Sa nthla o dira maoto.

O setse a dirile di le 48 go fitthafa. A ka dira ditafole di le kae?

O tlhoka maoto a makae gapo go dira tafole e nngwe?

## Feleletsa keritu ka go tlatsa dikarabo.

× 3	2	3	4	5	6	7	8	9	10	11	12
× 4											

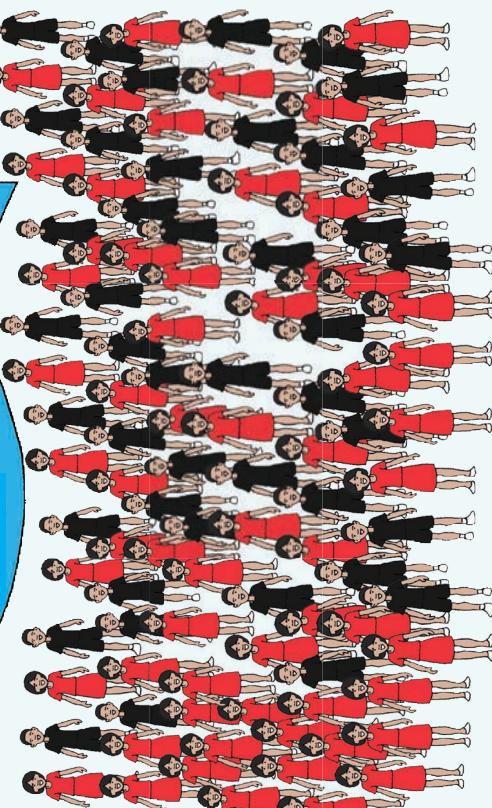


## Bala ka bao50

Ngwana a le mongwe, kobo e le nngwel!  
Ke bana ba le bakae? Fopholetsa, monago o bale.

### Kobo ya tsholofelo

NPO 123-098



Lello:

	Ba duela eng?		
Gwazi	o reka 2		
O duela	R		
Mme Chaane	o reka di le 5		
O duela	R		
Mabenkele a Thembi	a reka di le 20		
Ba duela	R		

5	ya R50 = R250	10	ya R50 = R500
4	ya R50 = R _____	15	ya R50 = R _____
3	ya R50 = R _____	6	ya R50 = R _____
7	ya R50 = R _____	12	ya R50 = R _____
8	ya R50 = R _____	q	ya R50 = R _____

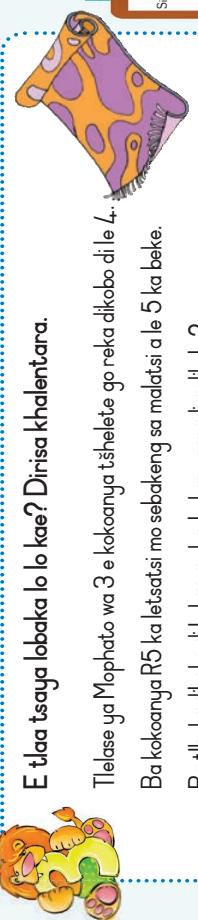
Bana botile ba ba mo setshwantshong ba bana kobo.  
Go na le bana ba le ba kae? \_\_\_\_\_

Fopholetsa	Bala	Bapanya

Go na le basimane ba le bakae ☺? \_\_\_\_\_ Go na le basesana ba le bakae ☺? \_\_\_\_\_

E tlaat tsaya lobata lo lo kae? Dirisa khalentara.

Tlase ya Mophato wa 3 e kokoanya tshelete go reka dikobo di le 4.  
Ba kokanya R5 ka letsatsi mo sebakeng sa malatsi a le 5 ka beke.  
Ba tlloka dibeké di le kae go kgobokanya madi a dikobo?



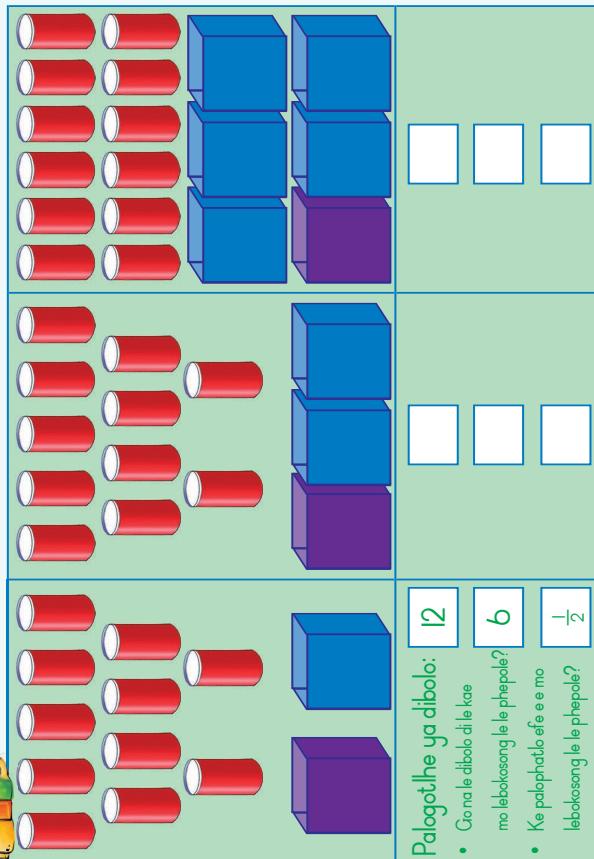
Teacher:

Sgn:

Date:



**Dipalophatlo: dihalofo,  
nngwetharong le nngwetharong**  
Kgaoganya dikhene (disilintare) ka go lekana magareng ga mabokoso.

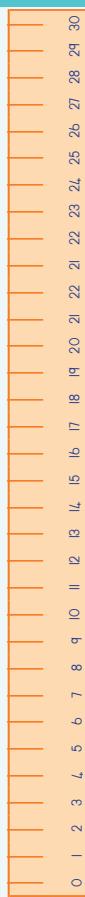
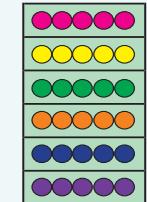
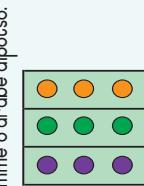


- $\frac{1}{3}$  ya didiklo ke eng?  
 $\frac{2}{3}$  ya didiklo ke eng?  
 $\frac{3}{3}$  ya didiklo ke eng?  
 $\frac{4}{6}$  ya didiklo ke eng?  
 $\frac{5}{6}$  ya didiklo ke eng?



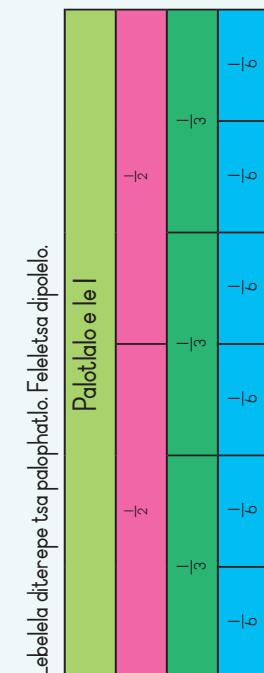
O bolo didiklo di le  
kae?

- $\frac{1}{2}$  ya didiklo ke eng?  
 $\frac{2}{6}$  ya didiklo ke eng?  
 $\frac{3}{6}$  ya didiklo ke eng?  
 $\frac{4}{6}$  ya didiklo ke eng?  
 $\frac{5}{6}$  ya didiklo ke eng?



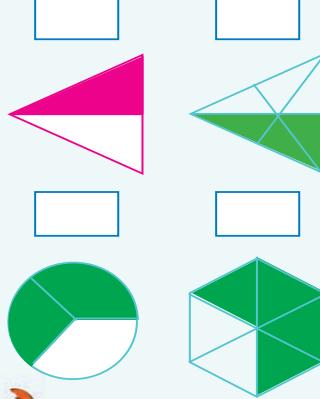
- Bontsha halofo e le nngwe mo ruleng. E lekana le \_\_\_\_ cm
- Bontsha nngwetharong e le nngwe mo ruleng. E lekana le \_\_\_\_ cm
- Bontsha nngwetharong e le nngwe mo ruleng. E lekana le \_\_\_\_ cm

Lebelala diterepe tsa palophatlo. Feleletsu dipolelo.



- Gona le dihalofo di le \_\_\_\_ mo palotlalon.
- Gona le nngwetharong dile \_\_\_\_ mo palotlalon.
- Gona le nngwetharong dile \_\_\_\_ mo palotlalon.
- Gona le nngwetharong dile \_\_\_\_ mo halogong.
- Gona le nngwetharong dile \_\_\_\_ mo nngwetharong.

Kwala palophatlo yakarole e fiftaditsweng.



Sekeletsqa palophatlo e kgolwane.

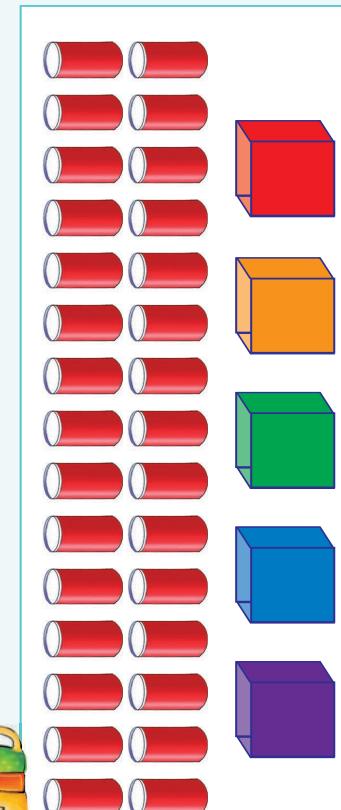
- a.  $\frac{1}{2}$   $\frac{1}{3}$   
b.  $\frac{1}{2}$   $\frac{1}{6}$   
c.  $\frac{1}{2}$   $\frac{2}{6}$



5q

## Diplophatlo: nngwetlhahong

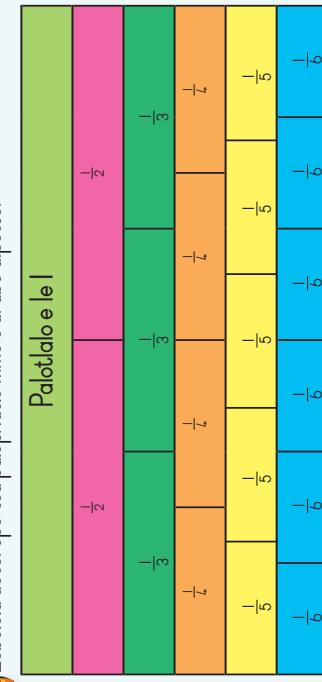
Kgaoganya dikhene go ya ka mabokoso.



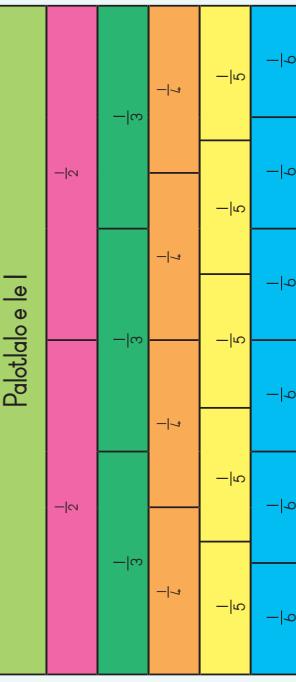
- Mo go  $\frac{1}{5}$  ya mabokoso go na le dikhene di le
- Mo go  $\frac{2}{5}$  ya mabokoso go na le dikhene di le
- Mo go  $\frac{3}{5}$  ya mabokoso go na le dikhene di le
- Mo go  $\frac{4}{5}$  ya mabokoso go na le dikhene di le
- Mo go  $\frac{5}{5}$  ya mabokoso go na le dikhene di le

Kgwenditharo 2

Khalara  $\frac{1}{5}$  ya didinisia tsa go lekanyetsa.



Lebelela deterepe tsa palophatlo mme o arabe dipotsa.



Lebelela setshwantsho mme orabe dipotsa.

Go na le ditshokolete di le kae mo lebokosong?

- $\frac{1}{5}$  ya ditshokolete e lekanal e
- $\frac{2}{5}$  ya ditshokolete e lekanal e
- $\frac{3}{5}$  ya ditshokolete e lekanal e
- $\frac{4}{5}$  ya ditshokolete e lekanal e
- $\frac{5}{5}$  ya ditshokolete e lekanal e

Letsetsi lengwe ke jelo  $\frac{1}{5}$  ya ditshokolete gape. Go setse ditshokolete di le kae?

• Letsetsi lengwe ke jelo  $\frac{1}{5}$  ya ditshokolete gape. Go setse ditshokolete di le kae?



Lebelela setshwantsho mme orabe dipotsa.

Go na le ditshokolete di le kae mo lebokosong?

- $\frac{1}{5}$  ya ditshokolete e lekanal e
- $\frac{2}{5}$  ya ditshokolete e lekanal e
- $\frac{3}{5}$  ya ditshokolete e lekanal e
- $\frac{4}{5}$  ya ditshokolete e lekanal e
- $\frac{5}{5}$  ya ditshokolete e lekanal e

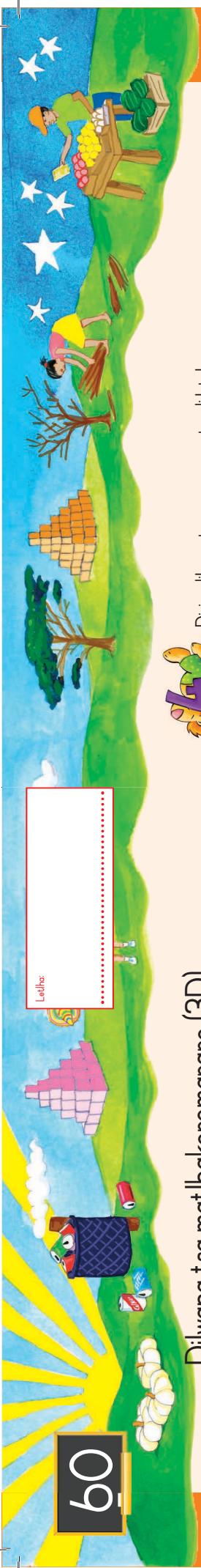
Letsetsi lengwe ke jelo  $\frac{1}{5}$  ya ditshokolete gape. Go setse ditshokolete di le kae?

• Letsetsi lengwe ke jelo  $\frac{1}{5}$  ya ditshokolete gape. Go setse ditshokolete di le kae?

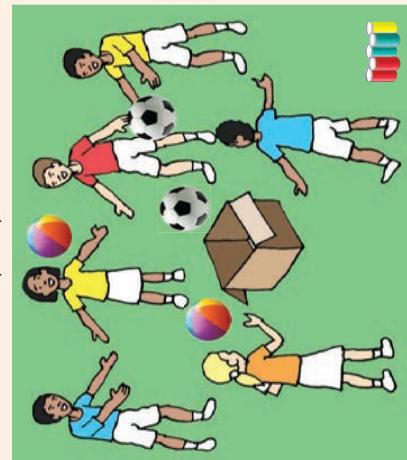


- Sekeletsa kgolwane kgotsa mnyanenyana**
- a.  $\frac{1}{2}$  e kgolwane go na le /mnyanenyane go na le  $\frac{1}{4}$ .
  - b.  $\frac{1}{3}$  e kgolwane go na le /mnyanenyane go na le  $\frac{1}{2}$ .
  - c.  $\frac{1}{5}$  e kgolwane go na le /mnyanenyane go na le  $\frac{1}{6}$ .
  - d.  $\frac{1}{6}$  e kgolwane go na le /mnyanenyane go na le  $\frac{1}{5}$ .
  - e.  $\frac{3}{6}$  e kgolwane go na le /mnyanenyane go na le  $\frac{2}{5}$ .

11 12 13 14 15 16 17 18 19 20



## Dilwana tsa matlhakoremarraro (3D)



Bala mabokoso (diporisimo).

Bala dibolo (didiko).

Bala disilintara.

60

Kgwenditharo 2

Diris a dilwana tsa gogo go aqo tse di latelang  
Tlhalosa maemo a silintara o dirisa mafoko

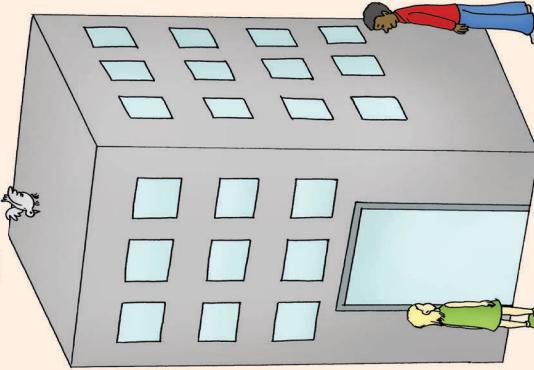
Kwa godimo

Fa pele

Fa thoko



Dirisa mafoko a a fa tlase go feleletsa dipolelo.



Mosetsana o lebelela \_\_\_\_\_ ga kago.

Monna o lebelela \_\_\_\_\_ ga kago.

Nonyane e lebelela \_\_\_\_\_ ga kago.

kwa pele

kwa godimo

letlhakore

Jaanong dira silintara go tswa mo dipapetlaneng tse di segeletseng tsa L.

A difatlhego tsa porisimo di sephaphathi kgotsa di tshekeletsa?

2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20



bl

## Go ntsifatsa gabedi le go hafola

A o a gakologelwa? 2 ke hafola ya 4

4 ke 2 gabedi

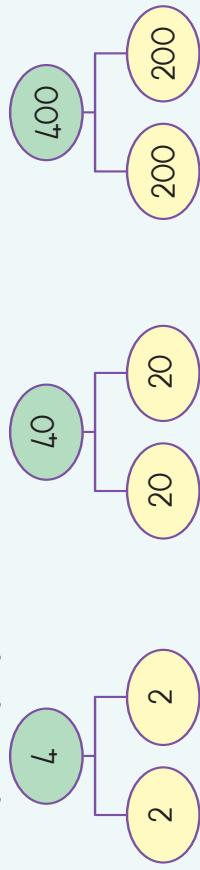
20 ke hafola ya 40

40 ke 20 gabedi

200 ke hafola ya 400

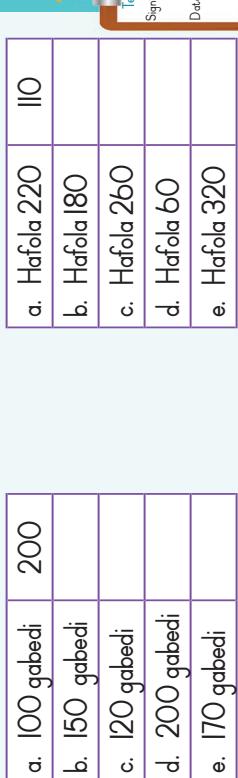
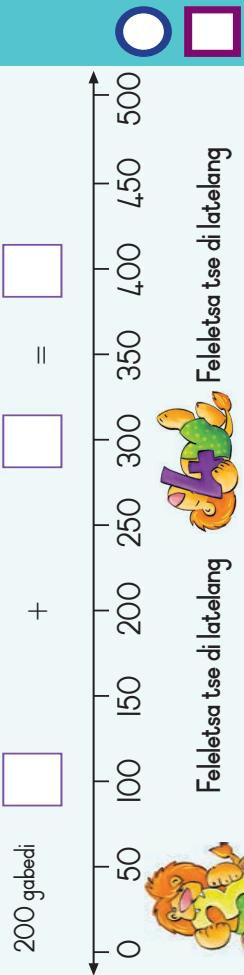
400 ke 200 gabedi

Gakologelwa Re kgona go bontsha se ka sethalo kana setshwantsho ...



Ntsifatsa gabedi o dirisa molapdo. O diretswe sekao sa ntjha.

Sekao:



Felletsatse di latelang

- a. + =
- b. + =
- c. + =
- d. + =
- e. + =
- f. + =



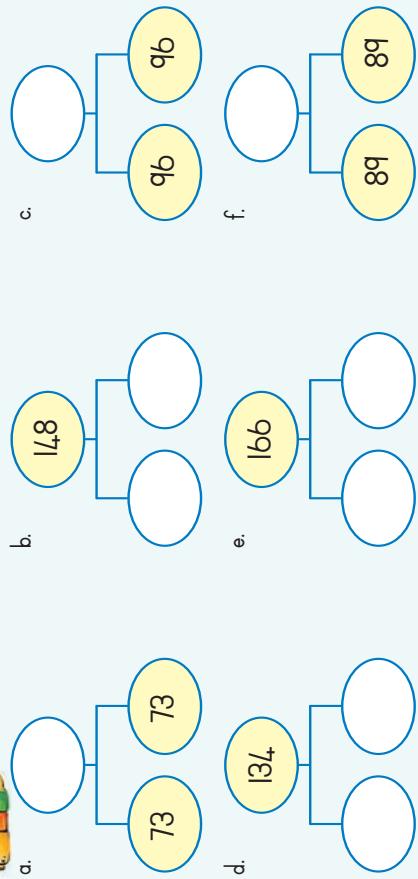
- |                                     |                                     |                                     |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="radio"/> a. Hafola 220 | <input type="radio"/> b. Hafola 180 | <input type="radio"/> c. Hafola 260 |
| <input type="radio"/> d. Hafola 60  | <input type="radio"/> e. Hafola 320 |                                     |

Teacher:  
Sign:  
Date:

62

## Gabedi le halofo gape

Batla sebedi kgotsa dihalofo



### Go bolokela baesekelé

Peter o boloka R25 ka beke go reka baesekelé. Ke dibéke di le koe tse a tshwanetseng go boloka?

Karabo: dibéke

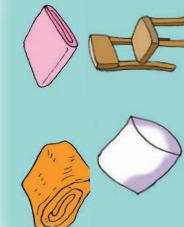
### Sesolo

### Sesolo R450

Halofo ya thothlwa: R900



Sesolo sa halofo ya thothlwa: e ne e le



- b. Dilladane R154  
Thothlwa ya sesolo \_\_\_\_\_
- d. Ditulo R220  
Thothlwa ya sesolo \_\_\_\_\_

## Kgwendithharo 2

### Ke diranta dile kae?

Musa o batla go reka hempe. O na fela le halofo ya thothlwa.



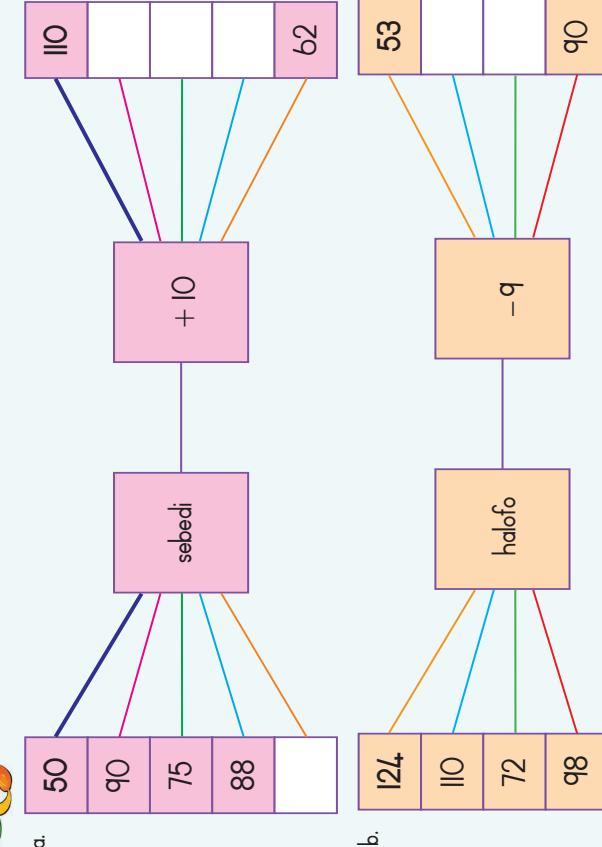
Dithlako tsa ga Peter dia ja gabedi go fetajaka tse.



Mosese wa ga Phindi ke thothlwa qabedi ya a.



Mosese wa ga Phindi o ja bokae? R \_\_\_\_\_



### Ke eng se se tsenang? Ke eng se se tswang?

Latela sekao. Tlatso dinomore tse di tlodgetswang.

### Sesolo R450

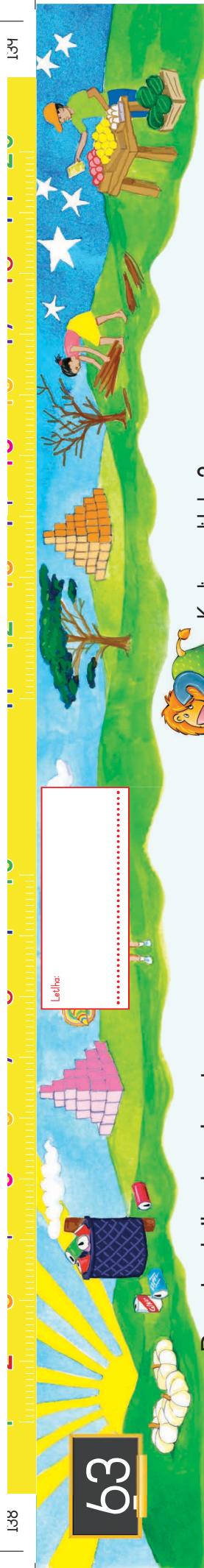
Halofo ya thothlwa: R900



Sesolo sa halofo ya thothlwa: e ne e le



- a. Dikobo R190  
Thothlwa ya sesolo \_\_\_\_\_
- c. Mesamo R54  
Thothlwa ya sesolo \_\_\_\_\_

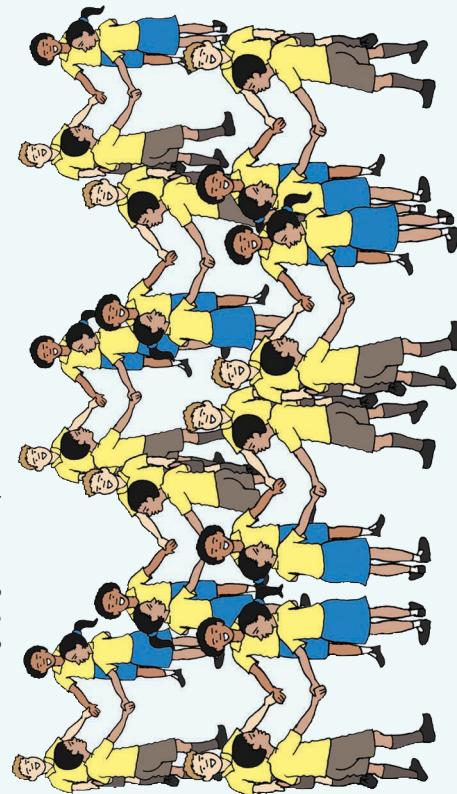


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## Baya ka ditlhophha o bo o kopanya

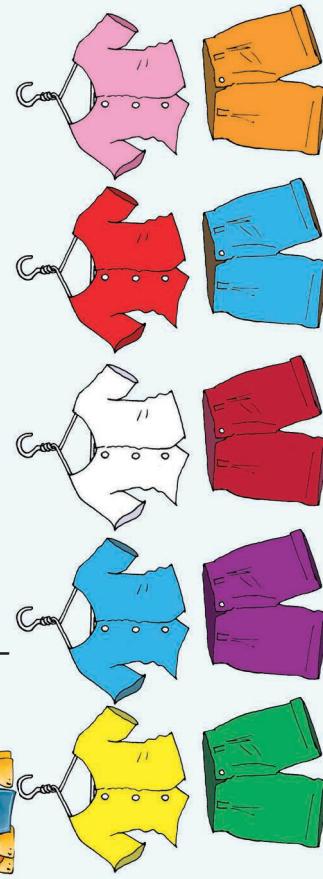
Baya bana ka ditlhophha

Mme Nddab o batla go kojaoganya tlelase ka ditlhophha tse di lekanang tebang le metshameko ya kwanile. Lwa ntsha o ba boyo go ya ka ditlhophha tsu 4.



Kgweeditharo 2

Ke diaparo di le kae?



Phind o na le dihempe dile 5 tsu mebal a le marokgwe a makhutshe a le 5 a mebal. Ke diaparo di le kae tse di farologaneng tse a ka di dirang a dirisa tlhakantsuke ya mebal a e farologaneng?

Selao: Hempe e botala jwa legodimo/borokgwe bo bokhutshe wane jo bo botala jwa legodimo.

Hempe e botala jwa legodimo/borokgwe ba mmala wa namune

Kwala tlhaka ya ntsha ya mmada o mongwe le omongwe. Bontsha kgognago yu diaparo tse dingwe tsotlhe.

a. Ke bana ba le bakae mo setlhopheng?

b. O dira ditlhophha di le kae?

c. Bontsha mekgwa yotlhe e ba ka kgaooganngwang ka ditlhophha tse di lekaneng ka yona.

Netefatsa. Bopisa.  
Siamisa.

Boalepele: Go tlao nnajang fa Phindi a na le mebal a le bo e farologaneng ya dihempe le mandugwe a makhutshe.

Ke diaparo di le kae tse a ka di dirang?

Teacher:  
Sign:  
Date:

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

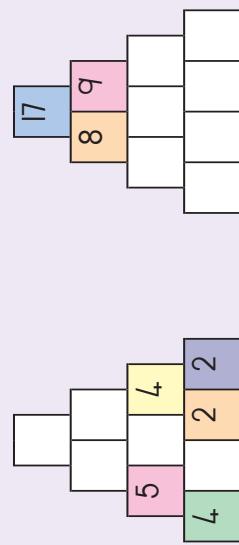
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## Boithabiso jwa Matesisi

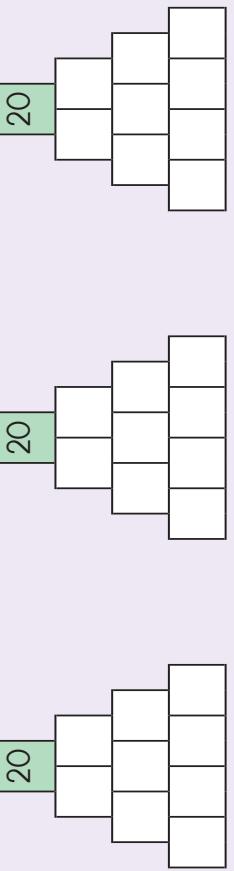
Lebelela molawana

Dirisia molawana go batla dipalo tse di tlhogatsweng.

Jaanan diratse.



Agela go 20 ka mekgwa e 3 ee e farologaneng.



Kgweleho

Akanyafela

Dirisia dipalo 1, 2, 3, 4 le 5.

Dipalo tse 3 mo moleng o mongwe le o mongwe di tlhakane go fa 10.  
Molawana: Dirisa palo nngwe le nngwe gangwe fela.

Go batla dipalo

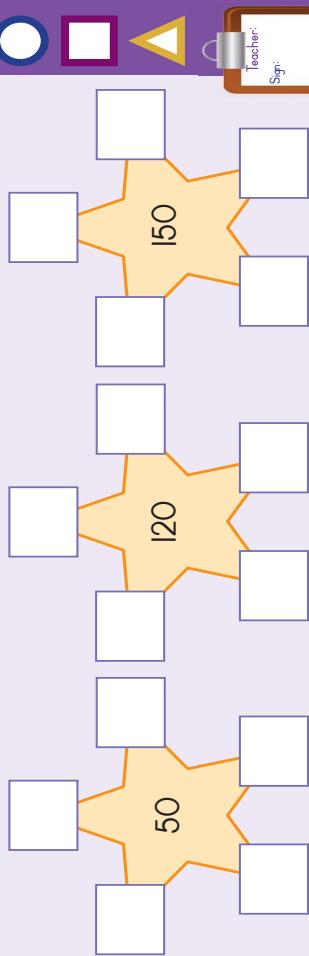
a. Molawana: Dipalo tse 3, go kqabaganya mela le go yakwa tlase le dikholumo, ditlhakana go nouqa plagogtlo e etshwanang.

2	5	3	6
			2

b. Molawana: Dipalo tse 3, go kqabaganya mela le go yakwa tlase le dikholumo, ditlhakana go nouqa plagogtlo e etshwanang.

23	28	21
12		26
		10

c. Molawana: Kwala dipalo dingwe fela tse 5 tse di tlhakanang go re palo e fa gare mo naleding.



1 | 2 3 4 5 6 7 8 q 10



I	I	O	I	O	O
2	2	O	2	O	O
3	3	O	3	O	O
4	4	O	4	O	O
5	5	O	5	O	O
6	6	O	6	O	O
7	7	O	7	O	O
8	8	O	8	O	O
q	q	O	q	O	O

I O O

I O I

2 O O 2 O 2

3 O O 3 O 3

4 O O 4 O 4

5 O O 5 O 5

6 O O 6 O 6

7 O O 7 O 7

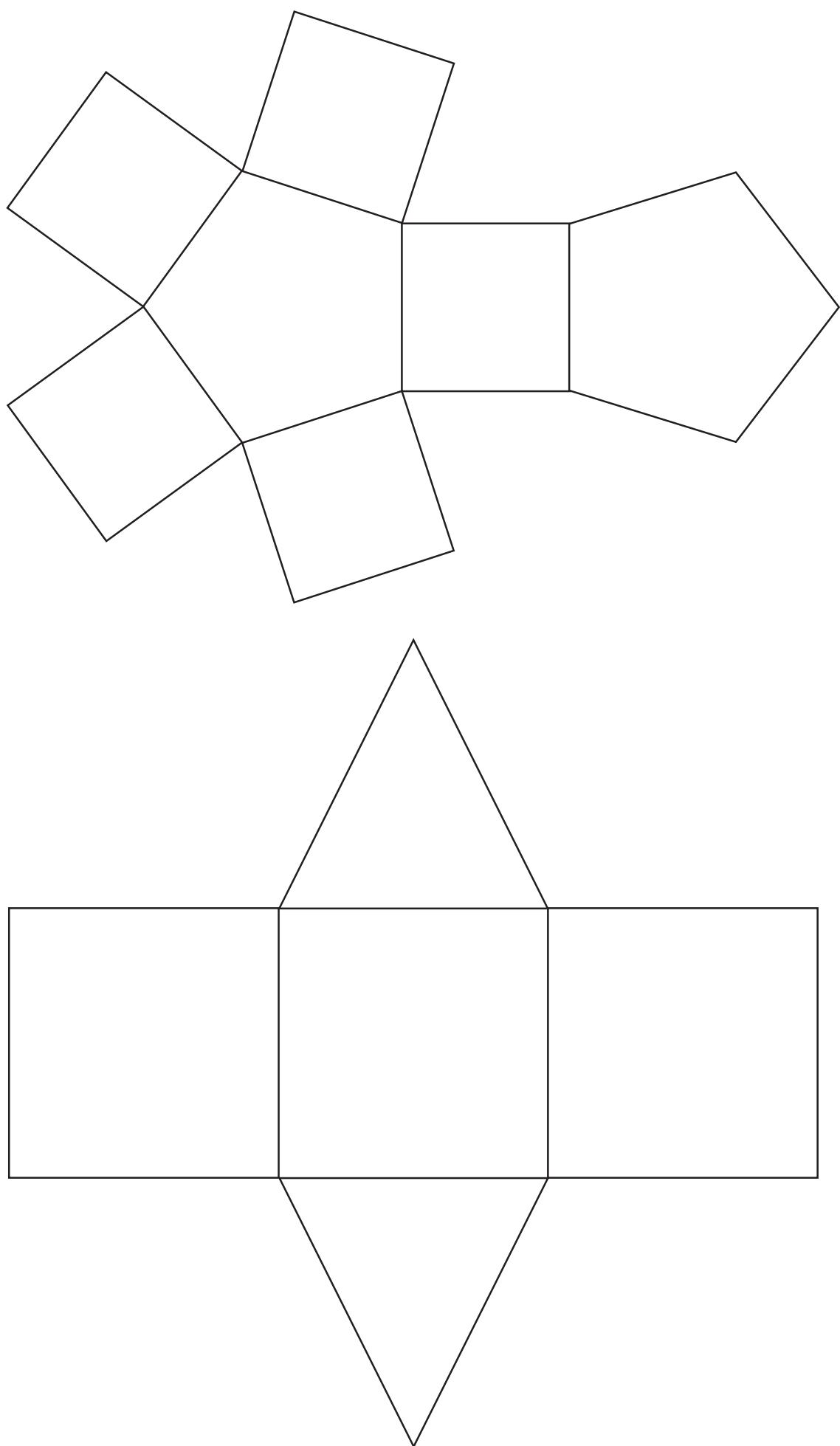
8 O O 8 O 8

q O O q O q

Tse-di-segeletsweng 2



Cut-out 3





Cut-out 4

