

Itlhute ka ga Molaotheo wa Rephaboleki ya Afrika Borwa (1996)

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

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

Ela tlhoko hisetori ya rona.

A re se keng ra boeletsa diphoso tsa hisetori ya rona.

Molaotheo wa rona o re thusa go akanya le go aga bokamoso jo bo botoka jwa botlhe.

Rona, re le batho ba Afrika Borwa;

Re itse ditshiamololo tsa rona tse di fetileng;

Re tlotla ba ba bogetseng tshiamo le kgololosego mo lefatsheng la rona;

Re tlotla ba ba diretseng go aga le go tlhabolola naga ya rona; mme

Re dumela gore Afrika Borwa ke ya botlhe ba ba tshelang mo go yona, re tshwaragane mo go farologaneng ga rona.

Rona ka jalo, ka baemedi ba re ba ithophetseng ka kgololosego, re amogela Molaotheo o jaaka Molaomogolo wa Rephaboliki gore re—

alafe dikgogakogano tse di fetileng mme re age Setšhaba se se thailweng mo meetlong ya demokerasi, bosiamisi mo bathong le ditshwanelo tse di botlhokwa tsa botho;

tlhome metheo ya demokerasi le bosetšhaba jo bo buletsweng botlhe jo mo go bona puso e theilweng, mo thatong ya batho e bile moagi mongwe le mongwe a sireleditsweng ka go lekana ke molao;

tokafatse matshelo a baagi botlhe 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 e 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 reletsa ditshwanelo tsa batho ba bang we.

Itse Molaotlhommo wa Ditshwanelo & Molaotlhommo wa Maika rabelo.

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.

ISBN 978-1-4315-0011-6



**MATHEMATICS IN SETSWANA
GRADE 3 – BOOK 1**

TERMS 1 & 2

ISBN 978-1-4315-0011-6

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DIPALO KA SETSWANA – Mophato 3 Buka 1

ISBN 978-1-4315-0011-6

E tlhabolotswe
e bile e tsamaelana
le PPKT

Mophato 3

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Tlelase:



basic education

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Basic Education
REPUBLIC OF SOUTH AFRICA

DIPALO KA SETSWANA

Buka 1

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1 & 2

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Mme Angie Motshekga,
Tona ya Lefapha
la Thutotheo



Ng. Reginah Mhaule,
Motlatsatona wa
Lefapha la Thutotheo

Dibukatiro tse di kwaletswa 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 etleeditswe ke Lefapha la matlotlo la Bosetshaba. Kettleetso e, e kgontshitse Lefapha go kwala le go rebola dibukatiro tse mo dipuong tsotlhe tsa semmuso kwa ntle go tuelo epe.

Re solofela 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 solofela 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



KA SETSWANA

Buka e, ke ya ga:



SETSWANA

Buka



Letlha:

Kgweditsharo I

Bala, tlhaola o bo o bontsha!



Ke dinaledi di le kae?

Bapanya dikarabo.



Fopholetsa gore ke dinaledi di le kae. _____

Jaamong di bale. _____



Batla mofenyi!

Ke mang yo o fopholeditseng sentle?

Tlatsa maina a lona le dikarabo mo lenaneong le.

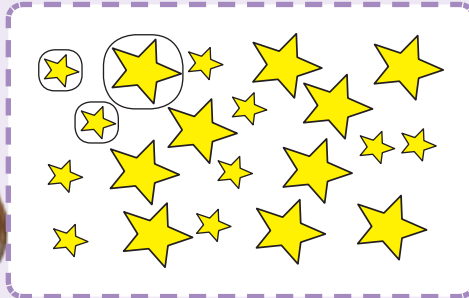
Leina				
Fopholetsa				
Palo e e badilweng				
Pharologano magareng ga phopholetso ya gago le palo ya gago				



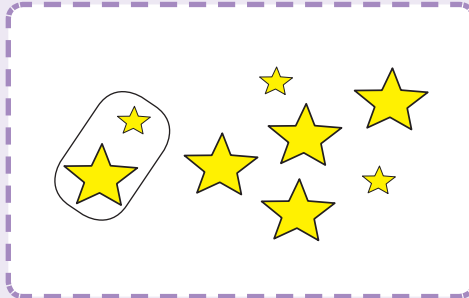
Ditsela tsa go bala. Re thuse go e kwala.



Ke badile
1 ka 1.



1, 2, 3, _____



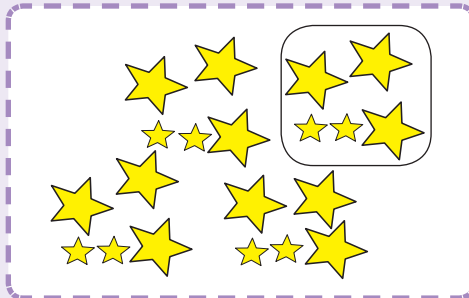
2, _____



Ke badile
ka bo2.



Ke badile
ka bo5.



5, _____





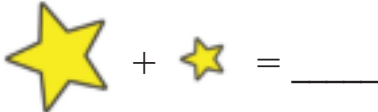
Morago
ka bo10.



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



le jaaka polelopalo.

_____ + _____ = _____ kgotsa _____ + _____ = _____

kgotsa jaana



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



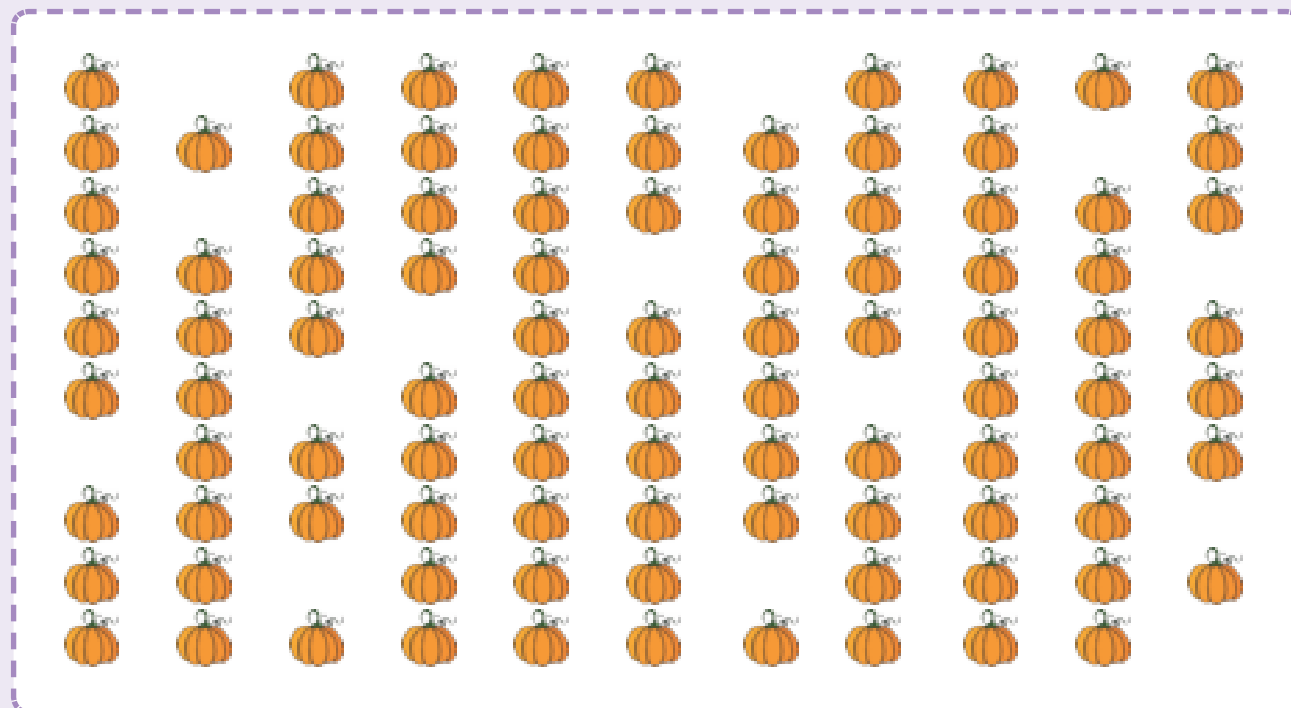
11 12 13 14 15 16 17 18 19 20



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 tlatša kgetse e le nngwe gape? _____



Go tswa go + go ya go $\times$ (tlhakanya go ya go katiso)

Feleletsa dipolelopalo.

Sekao:

$$10 + 10 + 10 + 10 = 40 \Rightarrow 4 \text{ setlhopha sa } 10 = 40 \Rightarrow 4 \times 10 = 40$$



a. $10 + 10 + 10 =$ _____

_____ ditlhopha tsa 10 = _____ $\Rightarrow$ _____ $\times$ _____ = _____



b. $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 =$ _____

_____ ditlhopha tsa 10 = _____ $\Rightarrow$ _____ $\times$ _____ = _____



Diatla le menwana



Diatla di le kae? _____ Menwana e le mekae? _____

Kwala karabo ya gago ka ditsela di le 2.

_____ ditlhopha tsa 10 = _____ le _____ $\times$ 10 _____



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

3a

Letlha:

Dipalo tse di mo keriting

Kgweditharo I



Dipalo tse di buang

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

I	2	3	4	5	6		8	9	10
11									
						27			
			34						40
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 dinomere tse dingwe.
- Dipalo tse di serolwana ke dipalo tsa mofuta mang?



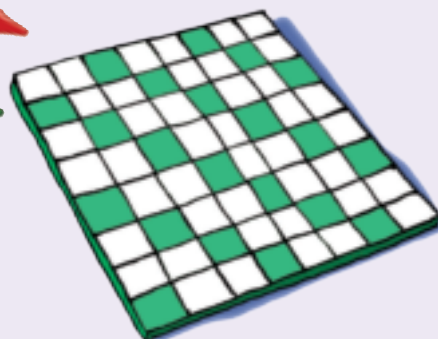
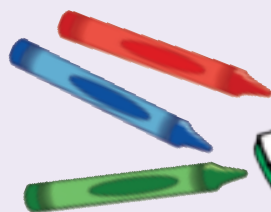
Kwala dipalo ka mafoko

90	masomearobongwe	41	
77		56	
14		65	



Go bala le go khalara

Ipaakanyetse go bala mmala!



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

Bala o bo o khurumetsa bo10.

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

Kwala bo10 go ya go 100.

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

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

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

Kwala bo5 go ya go 80.

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

Bala o bo o khurumetsa bo2.

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

Kwala bo2 go ya go 50.



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

3b

Letlha:

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	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



Tshwaya bo10 botlhe.

Tshwaya bo5 botlhe.

Tshwaya bo2 botlhe.

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



Go bala diphethene kana dipaterone

Tlatsa dinomere 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

Letlha:

4

Kemopalo



Go bontsha dipalo tsa gago

Sega dikaratapalo go tswa mo Papetlaneng ya Tse-di-segeletsweng ya I.

Dirisa dikarata go aga dipalo tse.

19

43

69

54

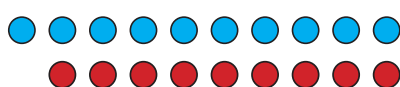
35

10

9



19

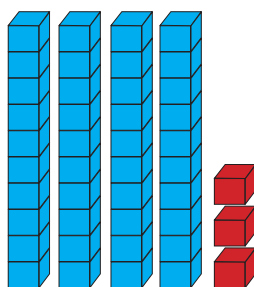


10

9

$$10 + 9 = 19$$

43



10

10

10

10

3

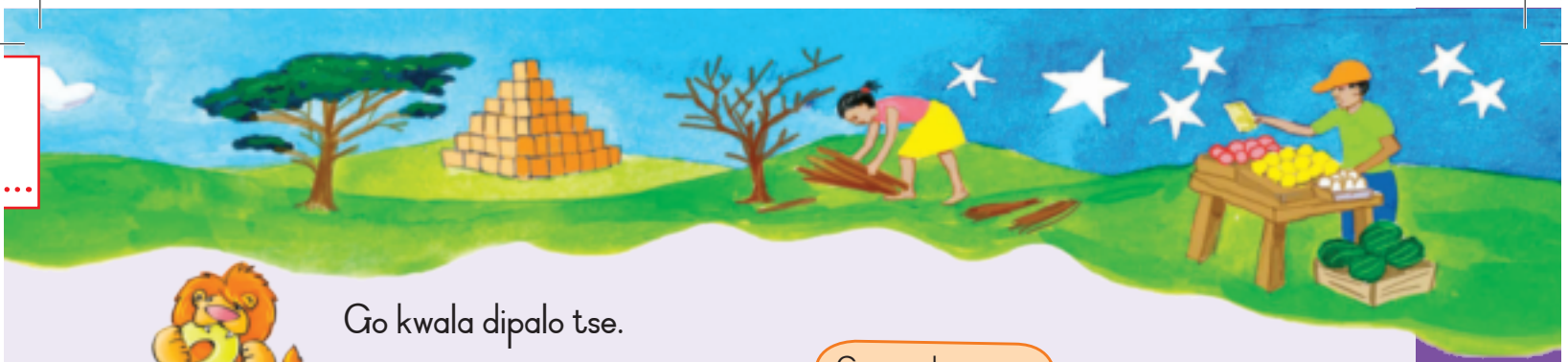
$$40 + 3 = 43$$

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

54

35

69



Go kwala dipalo tse.

Re go diretse ya ntlha.

Gape re ka nna ra
re bonngwe ba le 9.

19	10 + 9	lesome le le 1 + metso e le 9	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 nnyenye go fitlha ka e kgolokgolo.

_____;

Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

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 _____



Poeletso ya palo

Kwala dikarabo.

$$1 + 2 = 3$$

Dirisa ...
+ - =

$10 + 5 = \square$	$11 + 6 = \square$	$14 - 9 = \square$	$14 - 8 = \square$
$11 + 5 = \square$	$17 + 2 = \square$	$19 - 7 = \square$	$14 - 5 = \square$
$12 + 6 = \square$	$3 + 13 = \square$	$16 - 5 = \square$	$16 - 13 = \square$
$17 + 2 = \square$	$4 + 15 = \square$	$15 - 10 = \square$	$19 - 7 = \square$



5

9

14

Dikao tsa lelapa le la dipalo ke tse.

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



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

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



Ke ya go dira jalo
ka 12.

12

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



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

6

Letlha:

Sebedi le dihalofo

A o a gopola?

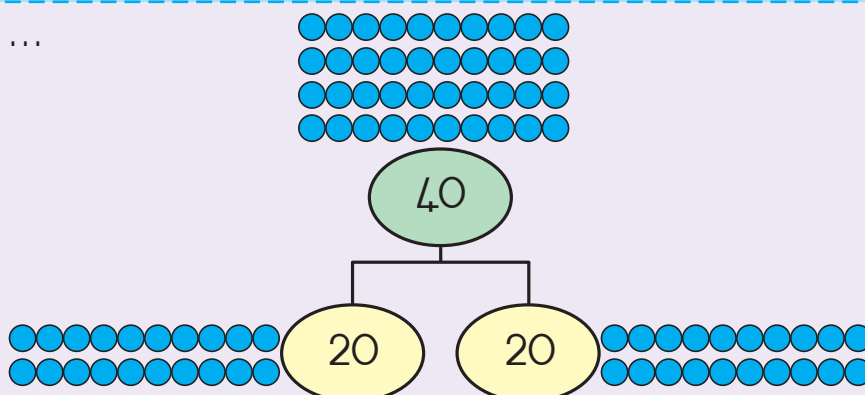
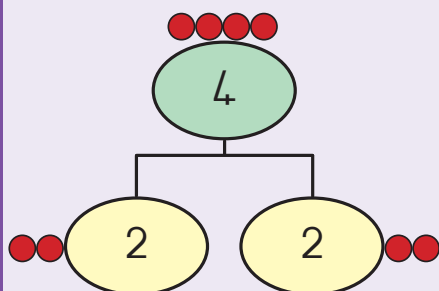
2 ke halofo ya 4

20 ke halofo ya 40

4 ke 2 gabedi

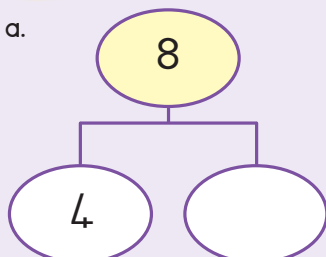
40 ke 20 gabedi

Re ka bontsha seno mo sethalong ...

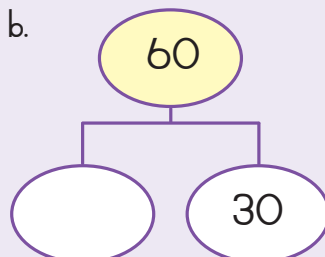


Go batla sebedi kgotsa dihalofo

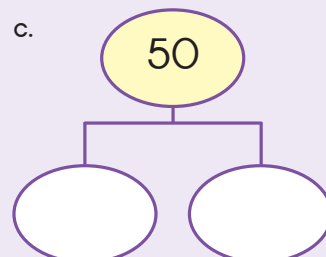
a.



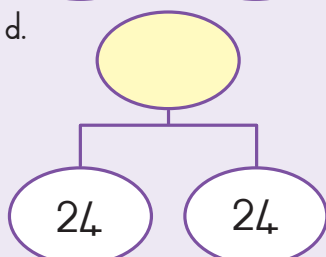
b.



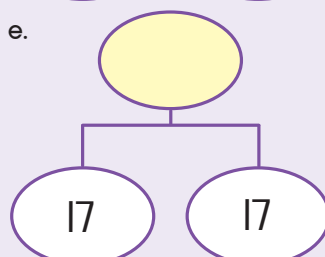
c.



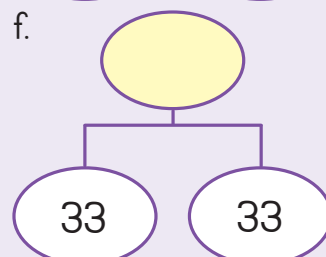
d.



e.



f.



Kgwetlho

Batla halofo e le nngwe ya 3.

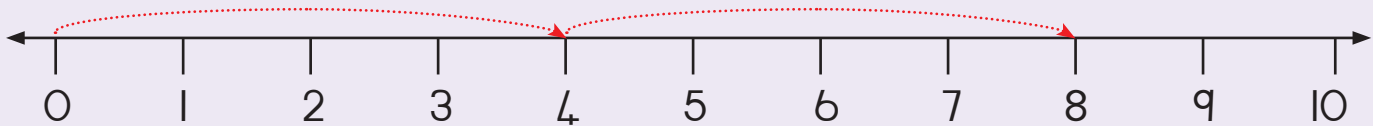
Bontsha jaaka palo kgotsa leinapalo.

Sethalo kana setshwantsho se ka go thusa.

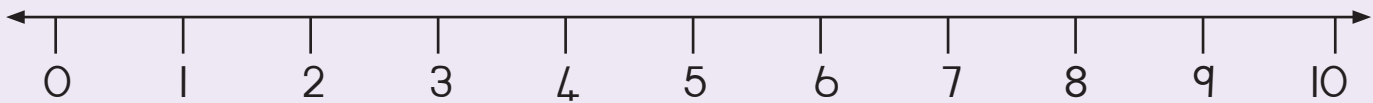


Ntsifatsa palo gabedi o dirisa molapalo.
O filwe sekao sa ntlha.

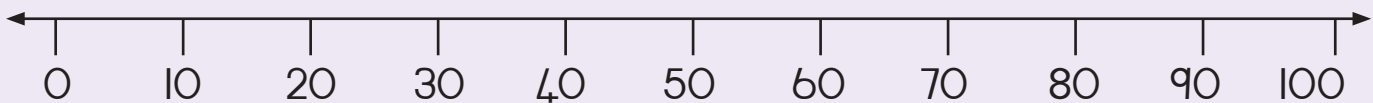
4 Gabedi + =



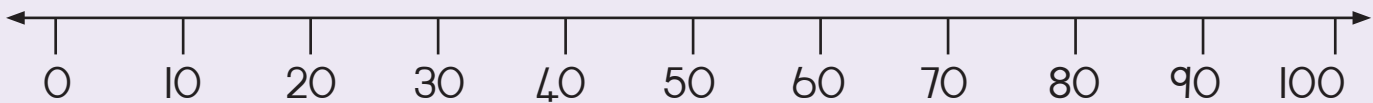
5 Gabedi + =



20 Gabedi + =



40 Gabedi + =



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	

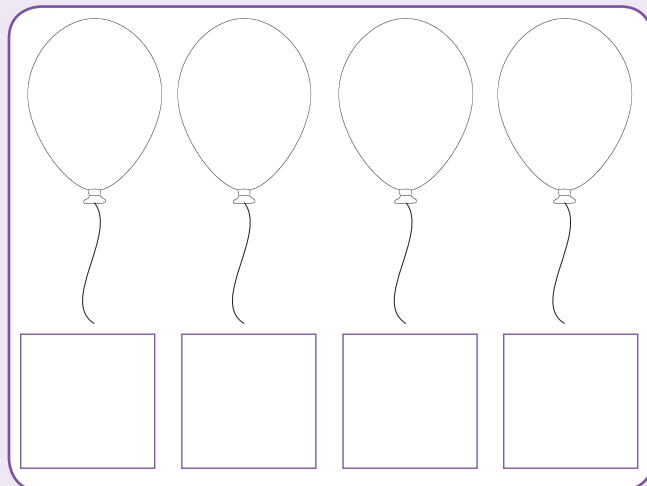


Teacher: _____
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Date: _____

Dipalophatlo

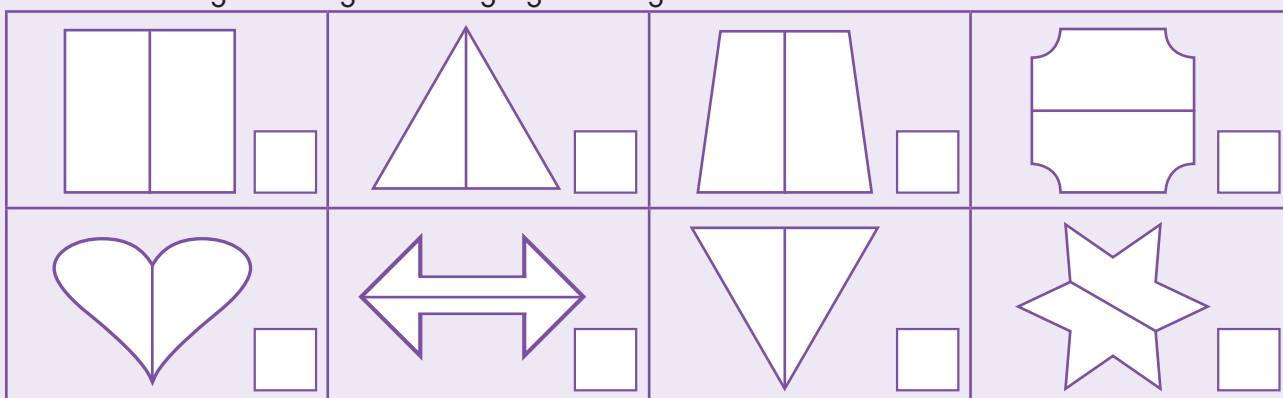
Khalara kotara e le nngwe ya dibalunu ka bohibidu
mme tse di setseng ka botala jwa legodimo

Khalara halofo e le lengwe ya lebokoso le lehibidu.



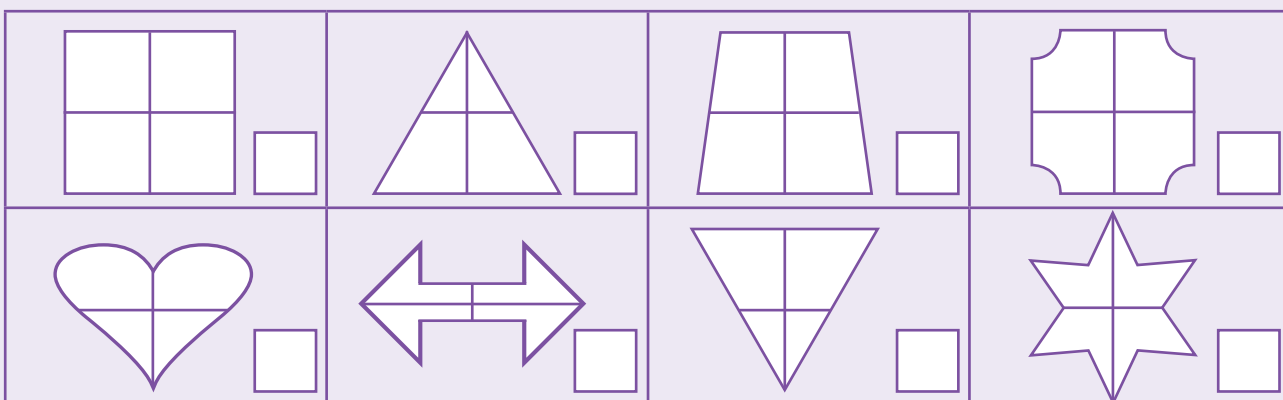
Lebelela diboego. Tshwaya diboego tse di bontshang dihalofo.

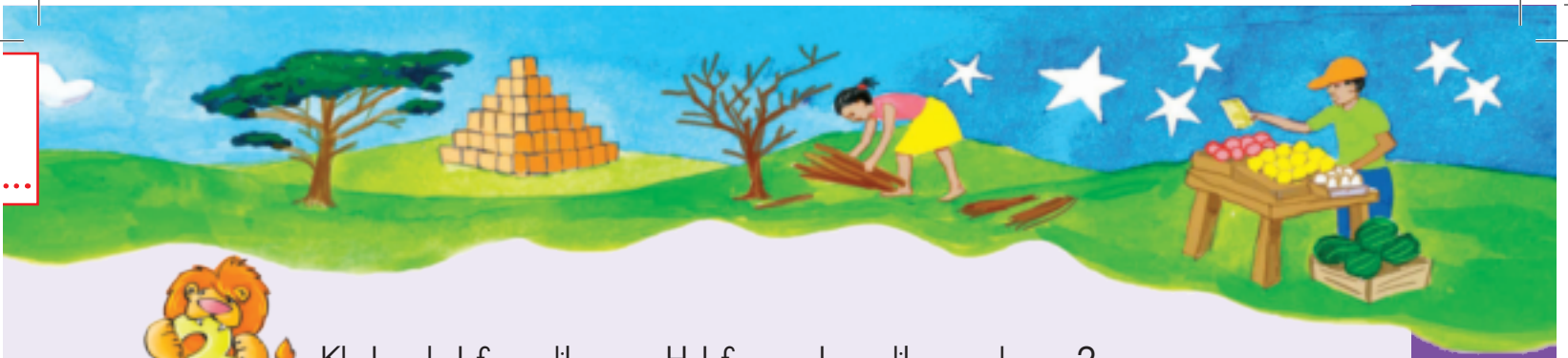
Khalara halofo e le nngwe ya sebopego
sengwe le sengwe se se kgaogantsweng ka dihalofo.



Lebelela diboego. Tshwaya diboego tse di bontshang dikotara.

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





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



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



Kwala jaaka palophatlo.

dihalofo

--

dikotara

--

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



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



--



Teacher:
Sign:
Date:

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.

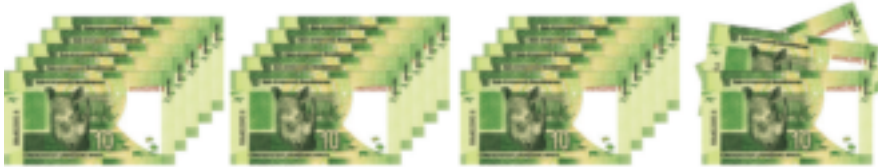
Kwala dipalogotlhe tsa setshwantsho se sengwe le se sengwe.



Tlhwatlhwa



R _____



R _____



R _____



Kgwetlho

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 _____



Teacher: _____
Sign: _____
Date: _____

q

Letlha:

Diphethe

Kgweitharo I



Dirisa boto e ya dipalo ya 200 go araba dipotso.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200



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

105, 110, 115, __, __, __, __	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



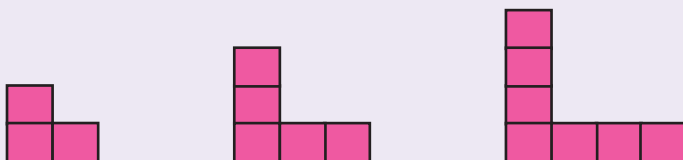
Atolosa phethene



--



--



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Teacher:
Sign:
Date:

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Dibolo, mabokoso le disilintara



Sekeletsa mabokoso ka botlala jwa legodimo, dibolo ka bohibidu le disilintara ka botlala jwa tlhaga.



Khalara karabo e e nepagetseng.



Lebokoso

diselaete

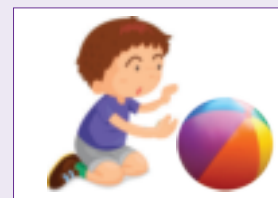
Dirolo



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



Teacher:

Sign:

Date:

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Thala, naya leina mme o bapise
diboego tsa matlhakoremabedi



Thala dibopego

Khutlotharo

Sediko

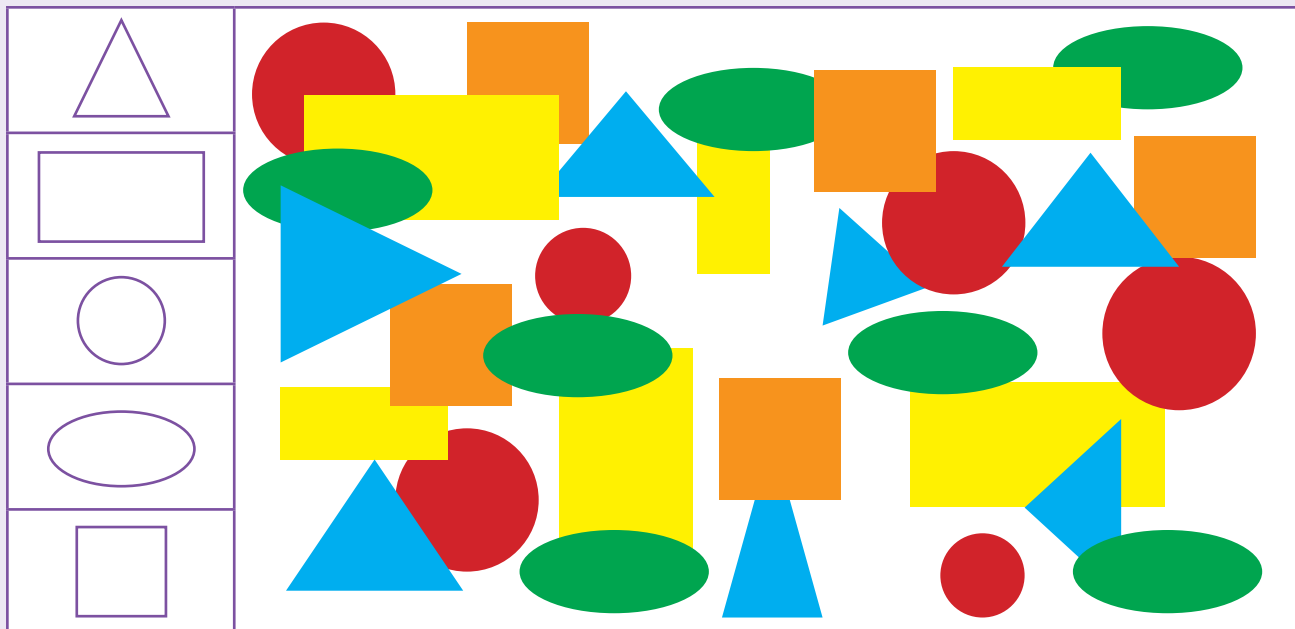
Sekwere

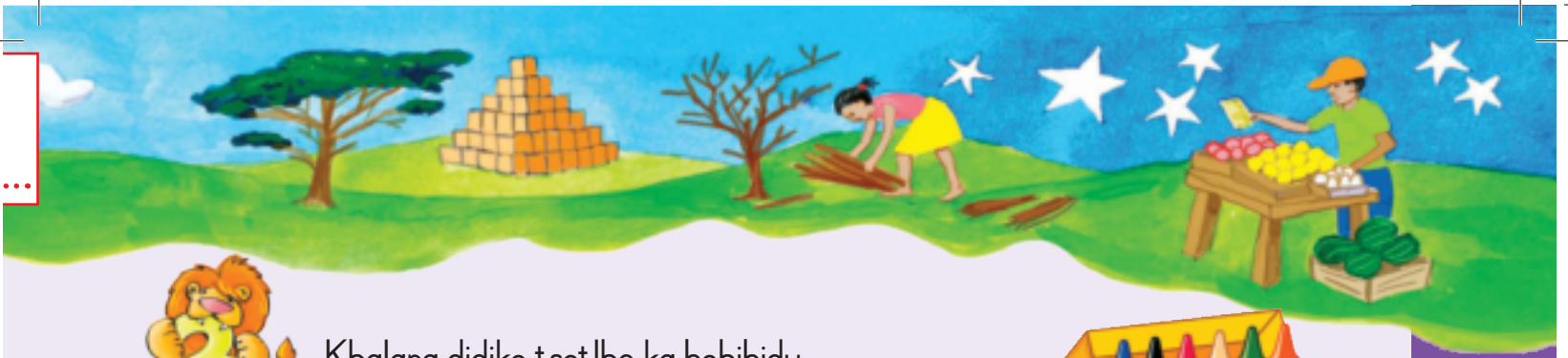
Khutlonnetsepa



Bala dibopego

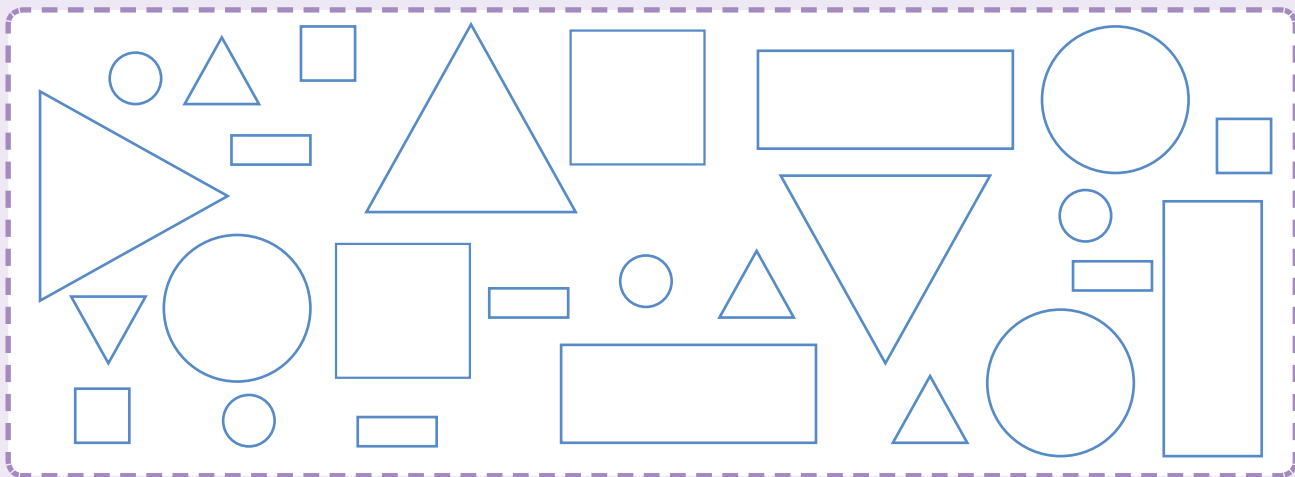
Bala gore ke dibopego di le kae tse di tshwanang le tse o ka di bonang mo setshwantshong.





Khalara didiko tsotlhe ka bohibidu,
didiko tse dinnye botala jwa tlhaga;

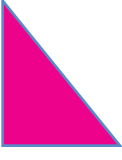
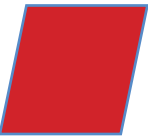
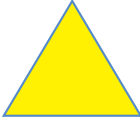
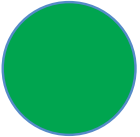
dikhutlotharo tse dikgolo botala jwa legodimo, dikhutlotharo
tse dinnye mmala wa namune; dikwere tse dikgolo boserolwana,
dikwere tse dinnye phepole; dikhutlonnetsepa tse dikgolo bohunou,
dikhutlonnetsepa tse dinnye ka bopinki.



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.

	3						
tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa
							
tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa



Teacher: _____
Sign: _____
Date: _____

Nako e a feta



Go buisa nako

Ditshupanako 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 1? _____



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 borotheo.



Borotheo bo tsena
mo ontong.



Borotheo
bo a tswa.



Borotheo bo bakiwa diura di le _____.



Kgwetlho

Mo nakong gabedi

a. Fetolela diura go metsotso.

Diura	1	2	4	8
Metsotso	60			

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? _____

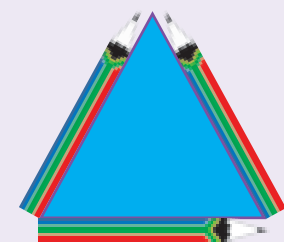
Ke kgona go bona
phethene.



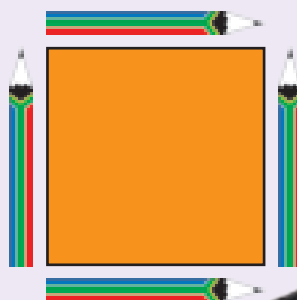
Teacher: _____
Sign: _____
Date: _____

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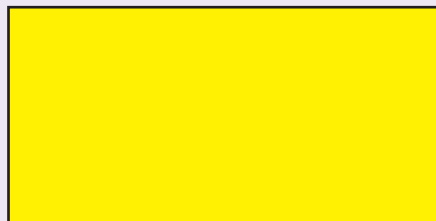
Go lekanyetsa boleele



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.

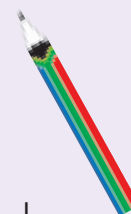
Khutlonnetsepa e boleele jwa diphensele di le kae?

Khutlonnetsepa e bophara jwa diphensele di le kae?

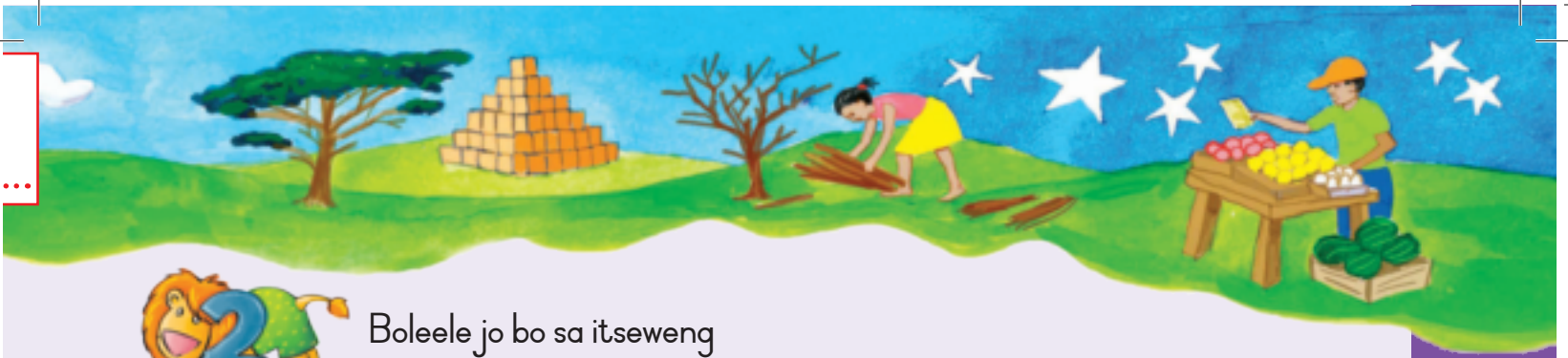
boleele



bophara

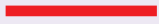


O dirisitse diphensele jang go bala?

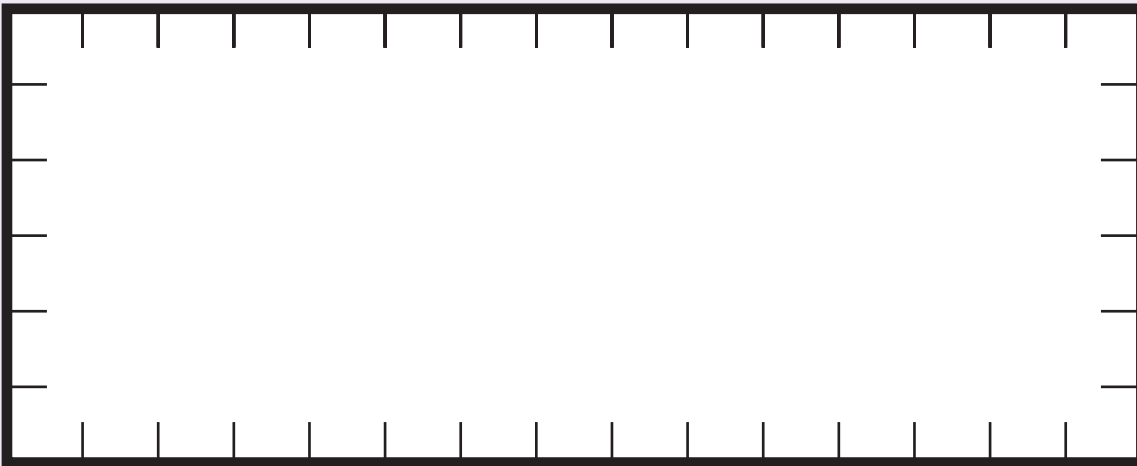


Boleele jo bo sa itseweng

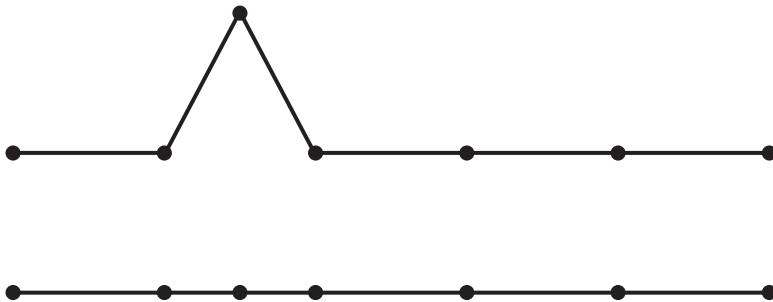
a. O tlhoka mela e mehibidu e le mekae go khurumetsa mola o montsho?



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? _____



Teacher: _____
Sign: _____
Date: _____

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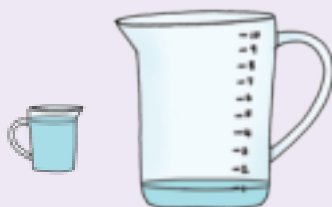
Mothamo (maemo)

Ke setse ke tshetse maswana a
le mane mo koping.

Ke dikopi di le kae gape tse di tlaa
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.



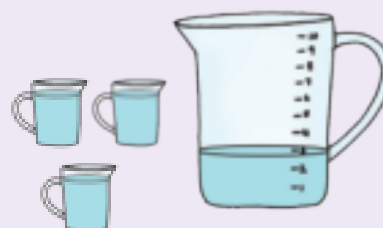
Mo seduting

1

Batla gape

9

b.



Mo seduting

5

Batla gape

5

c.



Mo seduting

5

Batla gape

5

d.



Mo seduting

5

Batla gape

5

e.



Mo seduting

5

Batla gape

5

f.



Mo seduting

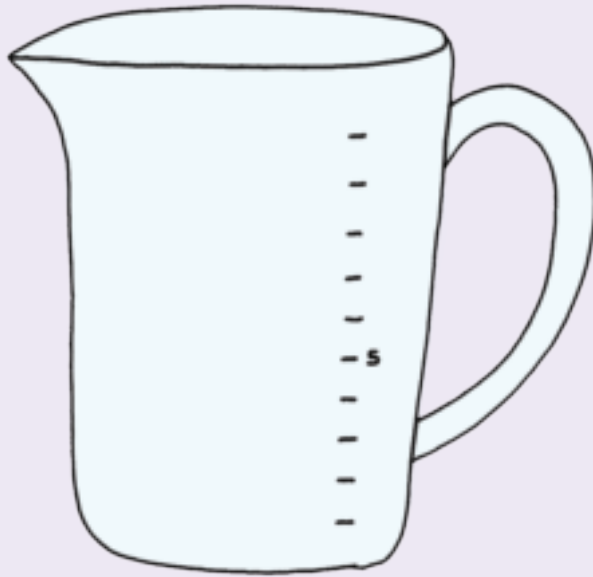
2

Batla gape

8



Kwala dikgala tse di mo jekeng e ya tekanyetso. Re go bontshitse sekgala 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 1 ya seeledi.















Teacher: _____

Sign: _____

Date: _____

Go bereka ka mmase (boima)



A re lekanyetseng bokete!

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

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



41 kg



38 kg



41 kg



42 kg



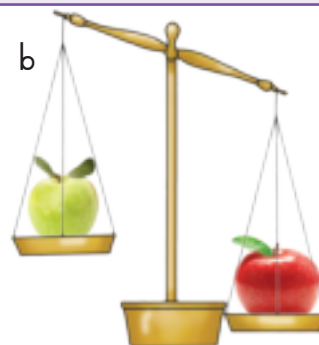
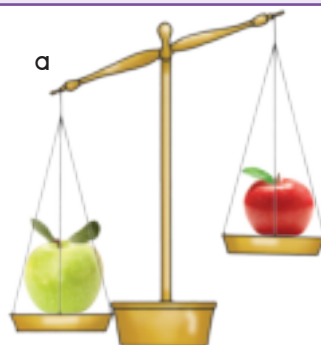
39 kg



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.

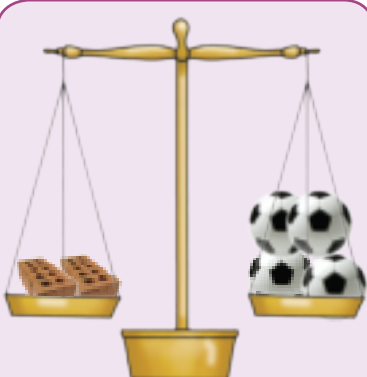
Ke mo sekaleng sefe mo apole e tala e leng boketenyanana go na le apole e khibidu? ☐

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



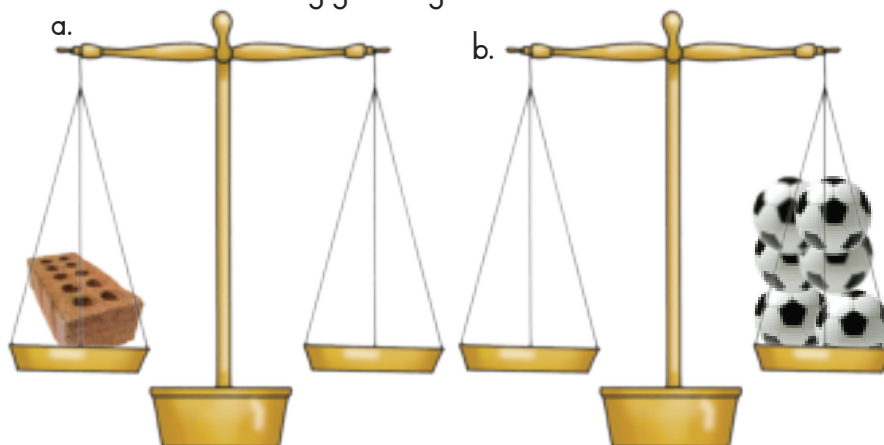
Lekanyetsa dikale.

Re go diretse ya ntlha.



Ditena tse pedi di bega go tshwana le dibolo di le nne.

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

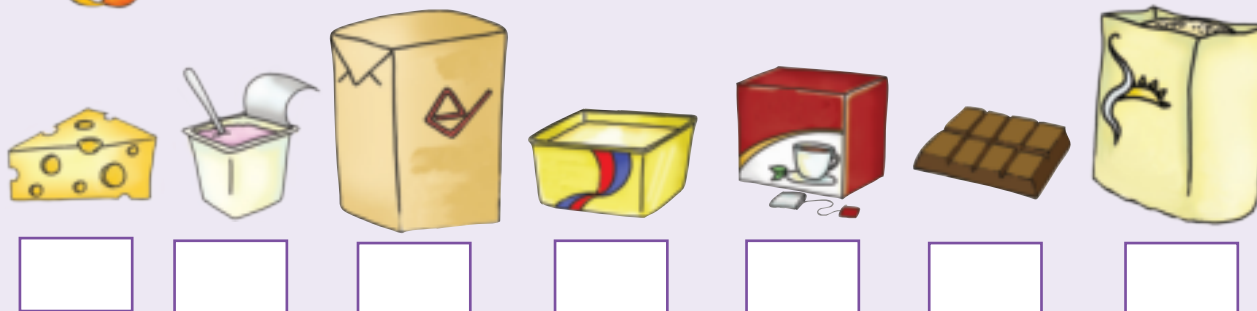


Fa morwalo o le mongwe e bega dikilogeramo di le 3. Merwalo e le 2 le 3 e tlaa bega bokae?

- 2 _____ kg
- 3 _____ kg
- A nka kgona go lekanyetsa merwalo e le 4 ka nako e le nngwe mo sekaleng se sa khitšhini? Goreng? _____



Tshwaya diduti tse di tshotseng kilogeramo e le.



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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.

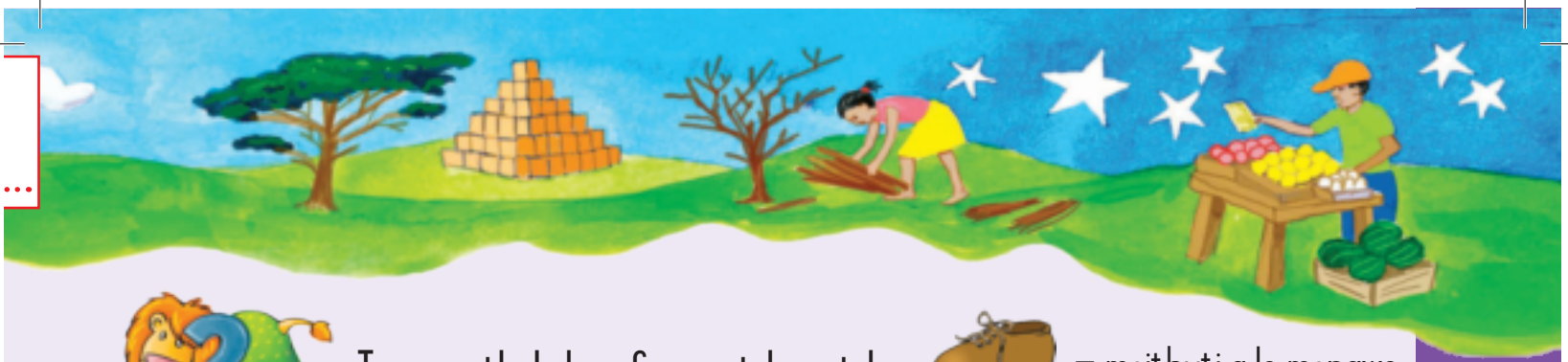
Mme Khoza o kwala disaese mo patitšhokong.

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?

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

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

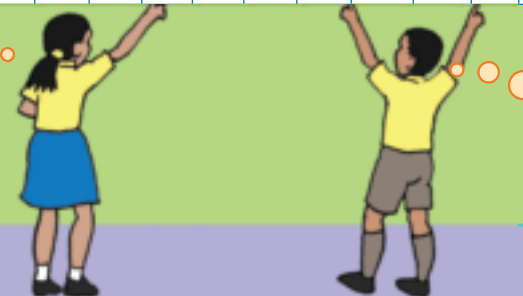


Teacher: _____
 Sign: _____
 Date: _____

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

Ke palo efe e e tlang pele ga 84? Ke palo efe e e tlang morago ga 84?



Ke palo efe e e magareng ga 88 le 90?



Tlatsa dipalo tse di tlogetsweng.

51									
						67			
71									
									100

Dirisa boto ya dipalo go araba dipotso.

- Ke palo efe e e tlang pele ga 68? _____
- Ke palo efe e e tlang 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 fitlha ka e kgolokgolo. 73, 52, 50, 59, 61

- Kwala dipalo go tloga ka e kgolokgolo go fitlha 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 lokwalodikgannye magareng ga 50 le 99 mme o di kgomaretse fa.



Teacher: _____

Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20



Go bontsha dinomere ka go dirisa dilo

Re kgona go bontsha dipalo ka diboloko tsa kemopalo.

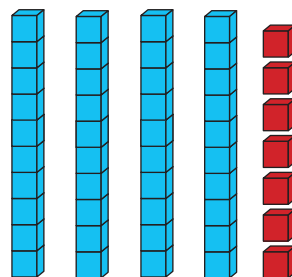
Boloko bo bonnye bo emela 1. Ke motso.

Thobanyane ya diboloko tse dinnye di le 10 e emela 10. Ke lesome (10).

Masome	Metso

O ka bontsha palo ka go dirisa masome le metso.

Fano ke ka moo re bontshang 47.



Masome	Metso
4	7

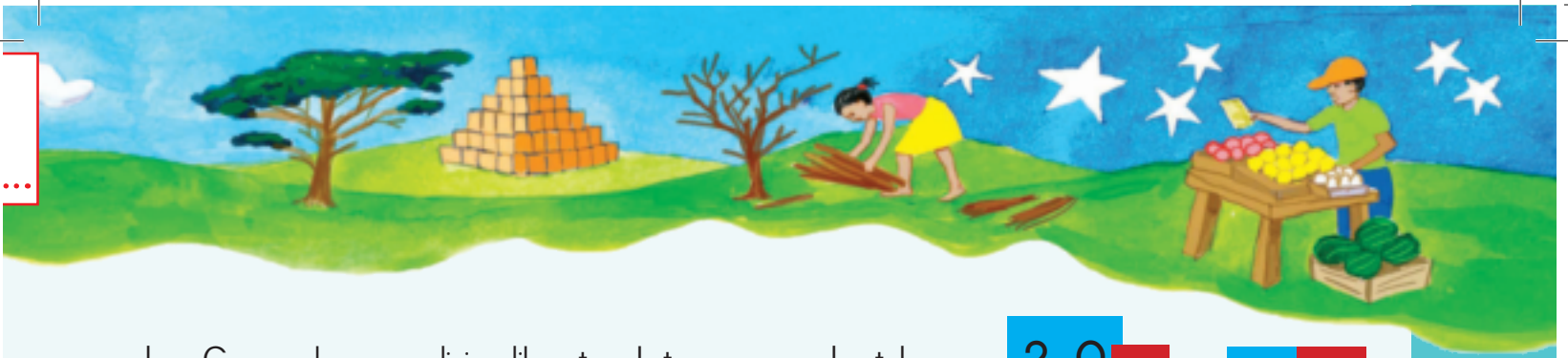
masomeamane le
bosupa 47



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 nomere ka dinoko le mafoko.

Masome	Masome	Masome
3		
Metso	Metso	Metso
1		
31		
masomeamararo le bongwe		



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

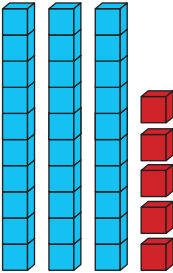
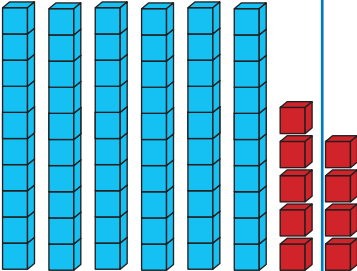
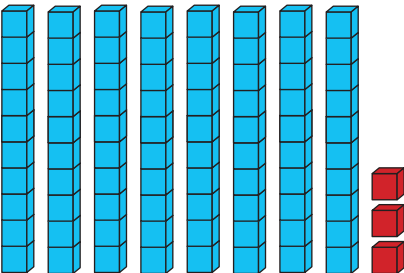
2 0 6

2 6

Palo	Ke masome a le kae?	Ke metso e mekae?	Kwala palo ka mafoko
26	2	6	masomeamabedithataro
46			
99			



Ke palo mang?

	30 5 3 5	<table><tr><th>Masome</th><th>Metso</th></tr><tr><td>3</td><td>5</td></tr></table> masomeamarotlhano 35	Masome	Metso	3	5
Masome	Metso					
3	5					
		<table><tr><th>Masome</th><th>Metso</th></tr><tr><td></td><td></td></tr></table>	Masome	Metso		
Masome	Metso					
		<table><tr><th>Masome</th><th>Metso</th></tr><tr><td></td><td></td></tr></table>	Masome	Metso		
Masome	Metso					



Teacher: _____
Sign: _____
Date: _____

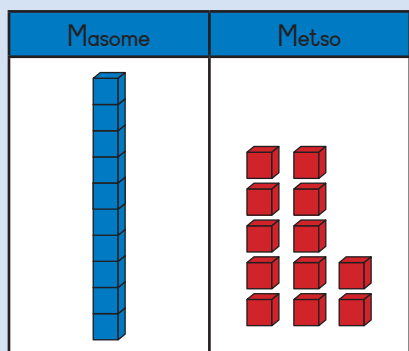
11 12 13 14 15 16 17 18 19 20



Buisa

Go baya masome mmogo fa re tlhakanya go fitlha go 99

Fano ke tsela e le nngwe ya go bontsha 22.



lesome le le 1

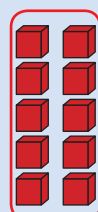
bonngwe ba le 12

10

102



Re na le lesome le le lengwe

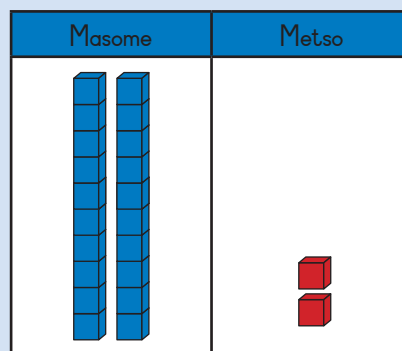


Re na le metso e le lesomepedi



Re tlaa baya 10 la metso mo setlhopheng

Jaanong re na le tsela e nngwe ya go bontsha 22.



masome a le 2

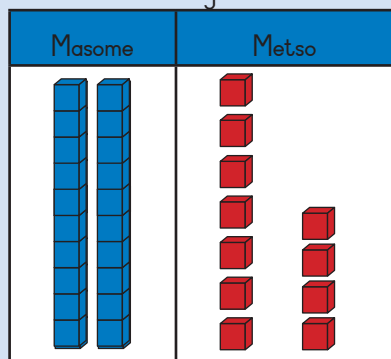
bonngwe ba le 2

2

2

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 a le 2

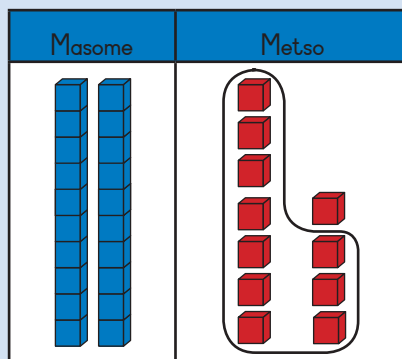
bonngwe ba le 7
+ bonngwe ba le 4

20

7

4

Re na le masome a le 2 le bonngwe ba le 11.



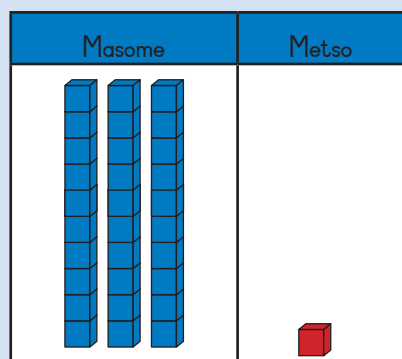
Re ka bontsha bonngwe ba le 10 jaaka lesome le le lengwe.

20

10

1

Jaanong re na le masome a le 3s + nngwe a le 1 = 31



$$\begin{array}{r} \text{---} + \text{---} = \text{---} \\ 30 + 1 = 31 \end{array}$$



Kwala polelopalo e e bontshiwang ke setshwantsho

Masome	Metso
$10 + 5 + 6$	

Masome	Metso
$___ + ___ + ___$	

Masome	Metso
$___ + ___ = ___$	

Feleletsa setshwantsho. Kwala dipalopolelo tse di bontshiwang ke setshwantsho.

Masome	Metso

Masome	Metso

Masome	Metso

Masome	Metso

Masome	Metso

Masome	Metso



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

Tlhakanya mo molapalonng

Nna kwa tsekeng ya gago!



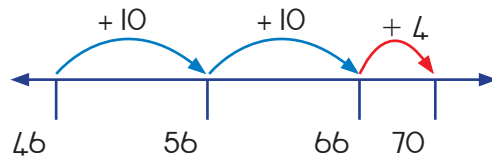
Mo sekolong sa rona moithuti yo mongwe le yo mongwe o na le tseke ya gagwe.

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

Ke ditseke di le kae tse re di tlhokang mo ditlhaseng 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 ntlisa go 56.

Morago ke tlale 10 e nngwe go fitlha go 66.

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

$$= 46 + 10 + 10 + 4$$

$$= 56 + 10 + 4$$

$$= 66 + 4$$

$$= 70$$

Ke tshwanetse go
tlhakanya 24
le 46.



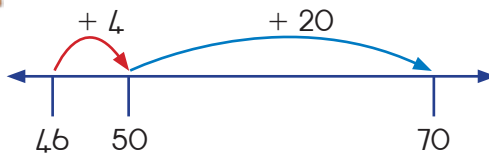
a. $32 + 25 =$





b. $52 + 26 =$

c. $46 + 25 =$



Ke tshwanetse go tlhakanya 24 le 46.



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

$$= 40 + 10 + 20$$

$$= 50 + 20$$

$$= 70$$

a. $36 + 41 =$



Teacher: _____

Sign: _____

Date: _____

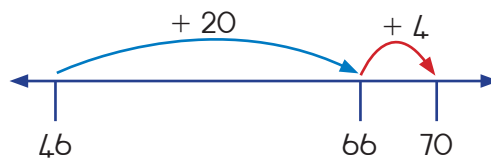
20b

Letlha:

Kgweditlharo I

Tlhakanya mo molapalong (tsweletso)

b. $57 + 19 =$



Ke tshwanetse go
tlhakanya 20 le 46.



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

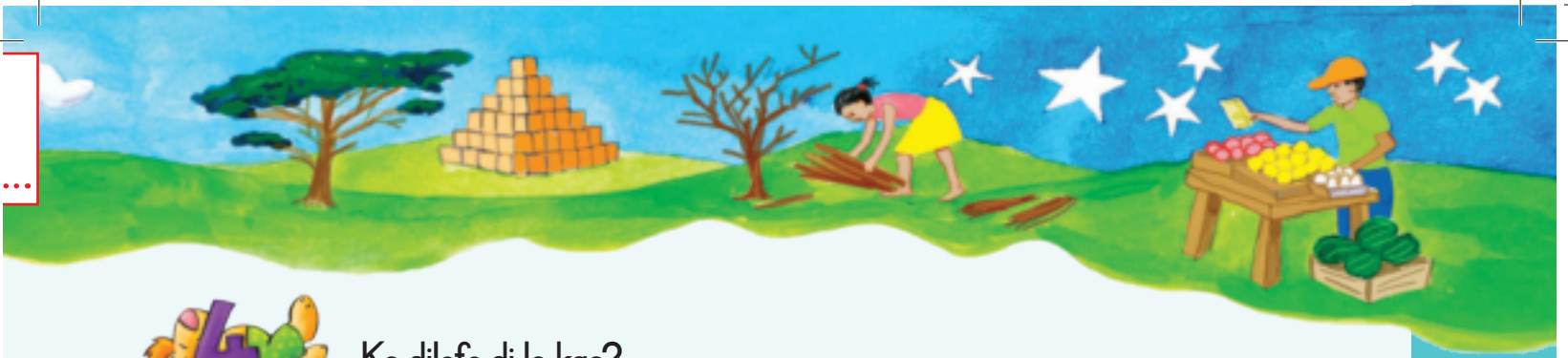
$$= 46 + 20 + 4$$

$$= 66 + 4$$

$$= 70$$

a. $63 + 24 =$

b. $65 + 29 =$

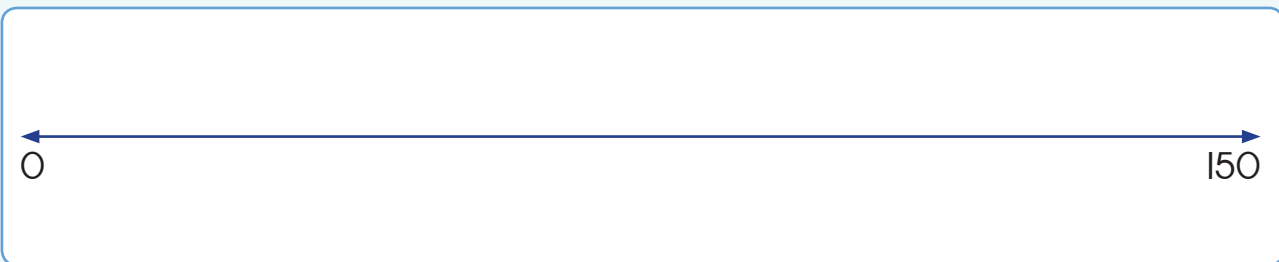


Ke dilofo di le kae?

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 palogotlhe mo molapalong. Bontsha **dipalo** le **bogolo** (saese) jwa metlolo.



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

$$38 + 24 =$$

$$58 + 17 =$$

$$75 + 16 =$$

$$83 + 29 =$$

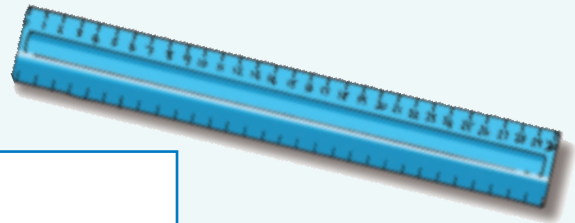


Ntsha mo molapalong

Moithuti a le mongwe! Rula e le nngwe!

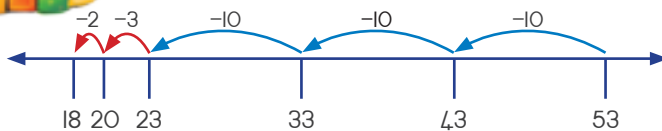
Phaposi e tlhoka dirula di le 53. Re na fela le di le 35.

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.

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

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

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

$$= 23 - 3 - 2$$

$$= 20 - 2$$

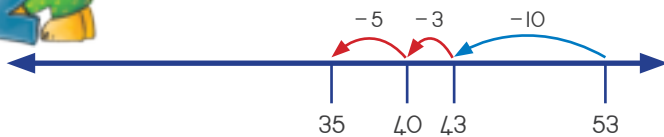
$$= 18$$



a. $68 - 24 = \square$

b. $74 - 38 = \square$

c. $92 - 87 = \square$



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



Ke tlaa 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. $38 - 14 = \square$

Teacher: _____

Sign: _____

Date: _____

21b

Letlha:

Kgweditsharo I

Ntsha mo molapalong (tsweletso)

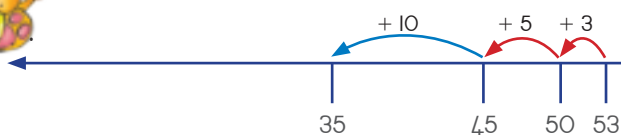
b. $65 - 43 =$



c. $72 - 39 =$



d. $85 - 48 =$



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. $84 - 32 =$





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



Teacher: _____

Sign: _____

Date: _____

Ke nako ya moletlo

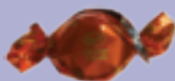


Sa ntlha rulaganya!

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



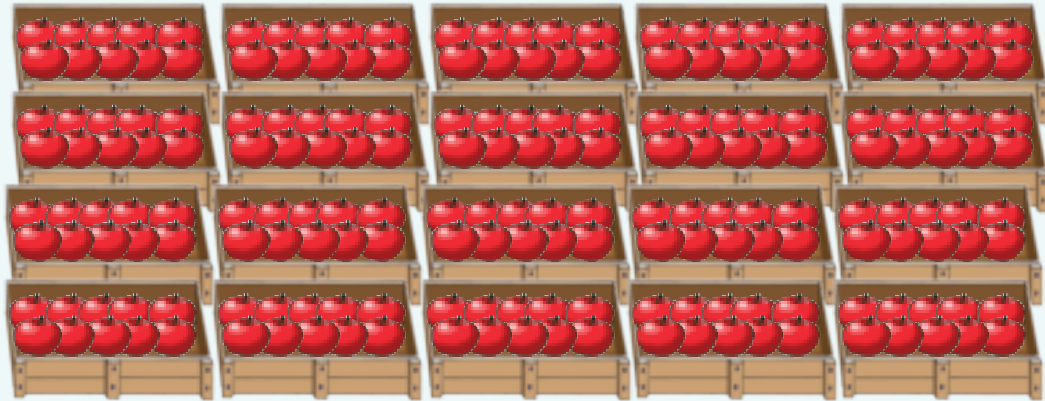
Bala, mme o kwale gore ke ditsala di le kae tse di tlhophang mofuta mongwe le mongwe wa dijo.

				
Palo				

Go bala go fitlha 200



O bona diapole di le kae?



Tlatsa dipalo

Lebokoso le le 1 le na le diapole

Mola o le 1 o na le diapole

Mola o le 1 o na le mabokoso

Mela e le 4 e na le diapole



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

a.



b.



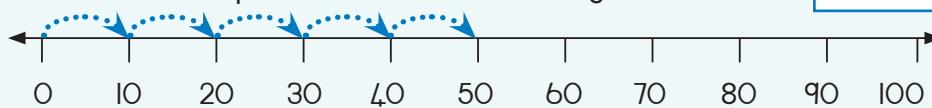
c.



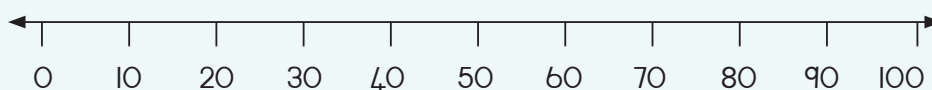


Bala mo molapalong.

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 **30** $3 \times 10 = 30$ kgotsa $10 \times 3 = 30$

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?



$10 + 10 + 10 + 10 + 10 = 50$ $5 \times 10 =$

$10 \times 5 =$

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?

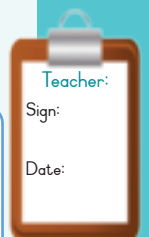
$\times$ = kgotsa $\times$ =



A re baleng

10, 20, 30, 40, 50, _____, _____, _____, _____,

_____, _____, _____, _____, _____, _____, _____, 200



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20



Ikatise ka bo5

Ke ditlhapi di le kae? Fopholetsa



Jaanong bala ditlhapi. Batla palogotlhe.



Go bala ka bo5

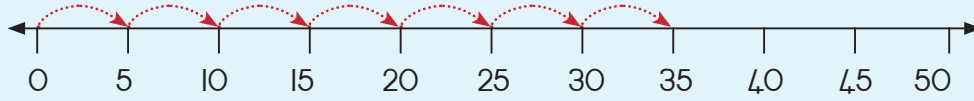
Batla palogotlhe ya mae a tlhapi. Kwala polelopalo ya + le X.

Re go diretse ya ntlha.

Tlhapi le mae	Mae a le makae gotlhelele	
Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 2	$2 + 2 + 2 + 2 + 2 = 10$	$5 \times 2 = 10$
Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 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		



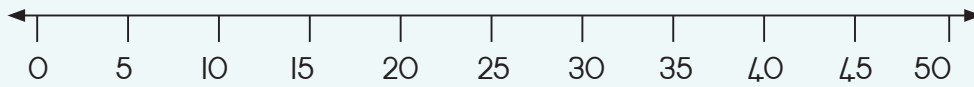
Feleletsa dipolelopalo le melapalo



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

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

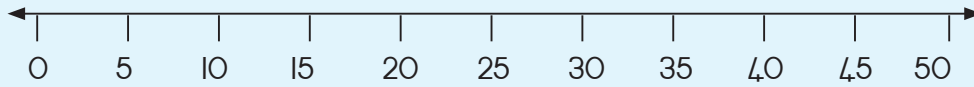
a.



$$5 + 5 + 5 + 5 = \boxed{}$$

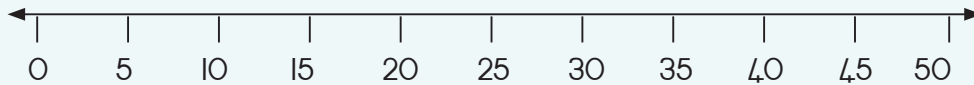
$$\text{kgotsa } \boxed{} \times \boxed{} = \boxed{}$$

b.



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

c.



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



Tshwara tlhapi

Sipho o tshwara magareng ga ditlhapi di le 40 le 50. O di bala ka bo2 mme o na le e le 1 e e setseng.

O di bala ka bo5 mme o na le di le 2 tse di setseng. $\boxed{}$



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

25a

Letlha:

Kgweitharo 1



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:

Kgweditsharo 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.

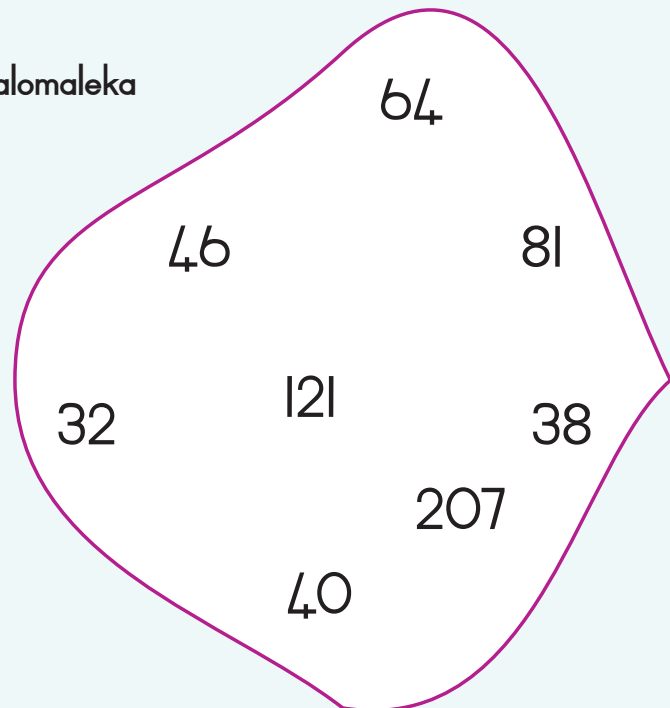
3, 5, 7,



Dipalomafeta le diapalomaleka

Thala tshekeletsa go dikologa dipalomaleka.

Thala sekwere (khutlonne) go dikologa dipalomafeta.





Go tswa kwa dipareng go ya kwa dikausung

Sekao:

Dikau di le 2 = para e le 1

$$2 \times 1 = 2$$



Dikau di le 20 = Dipara di le 10

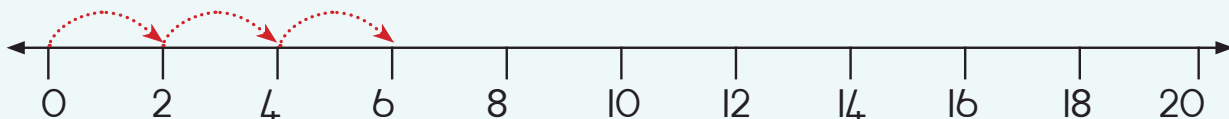
$$2 \times 10 = 20$$

a. Kwala gore ke dikau di le kae?

Nagana ka bo2		Polelopalo	
Para e le 1	= dikau di le 2	1 × 2 = 2	
Dipara di le 2	= dikau di le _____	2 × 2 =	
Dipara di le 4	= dikau di le _____		
Dipara di le 8	= dikau di le _____		
Dipara di le 9	= dikau di le _____		

b. Bontsha palelo mo molapalong mme o feleletse.

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

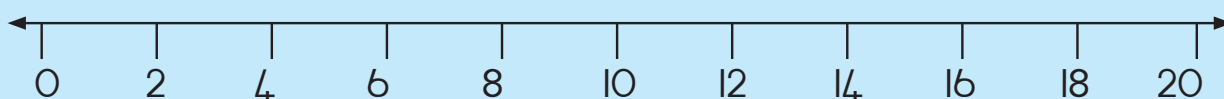


$$2 + 2 + 2 + 2 + 2 + 2 + 2 =$$

kgotsa

×

=



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

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.





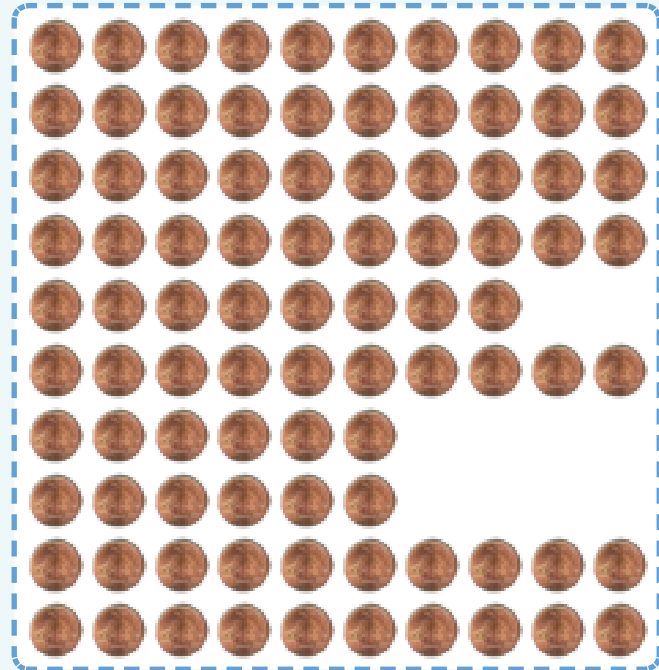
Go bala disente

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 = c	R2,00 = c
R3,00 = c	R1,50 = 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?



Teacher:
Sign:
Date:

Bala ka bo3



Maotwana ka bo3



Teraesekele e le 1 e na le maotwana a le ____.

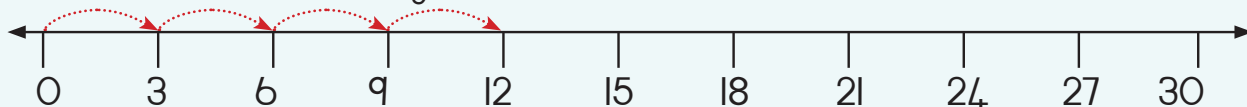


Diteraesekele di le 5 di na le maotwana a le ____	$3 + 3 + 3 + 3 + 3 = 5 \times 3 = \underline{\hspace{2cm}}$
Diteraesekele di le 2 di na le maotwana a le ____	$3 + 3 = 2 \times 3 = \underline{\hspace{2cm}}$
Diteraesekele di le 4 di na le maotwana a le ____	
Diteraesekele di le 6 di na le maotwana a le ____	
Diteraesekele di le 9 di na le maotwana a le ____	
Diteraesekele di le 8 di na le maotwana a le ____	



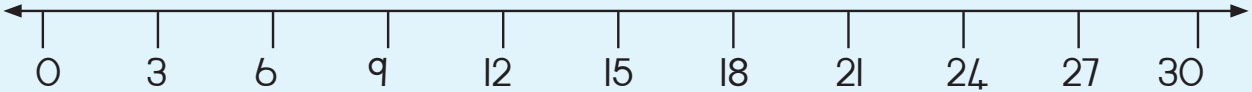
Melapalo

Sala sekao morago.

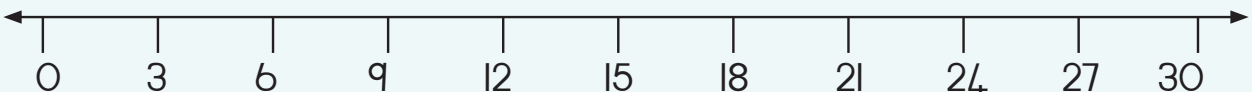


a. $3 + 3 + 3 + 3 = \boxed{\hspace{1cm}} = 4 \times 3 = \boxed{\hspace{1cm}}$

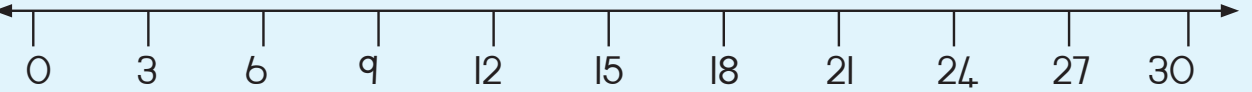


b. 

$$3 + 3 + 3 + 3 + 3 = \boxed{} = \boxed{} \times \boxed{} = \boxed{}$$

c. 

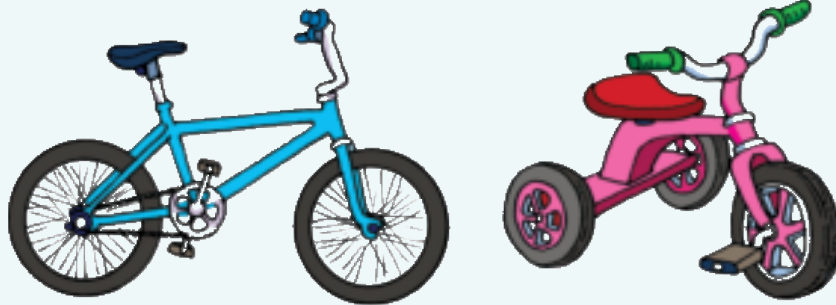
$$\underline{\hspace{10cm}} = \boxed{} = 6 \times 3 = \boxed{}$$

d. 

$$\underline{\hspace{10cm}} = \boxed{} = 10 \times 3 = \boxed{}$$



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? _____



Teacher: _____
Sign: _____
Date: _____

Ke eng se se tlang ka bo4?



Maoto a le mane

Maoto a kgomo a tla ka bo4.

Dingwe tsa dintlha
tsa nomore 4 ...

$$4 + 4 = 8; 2 \times 4 = 8$$



Ke eng gape se se tlang ka bone? _____

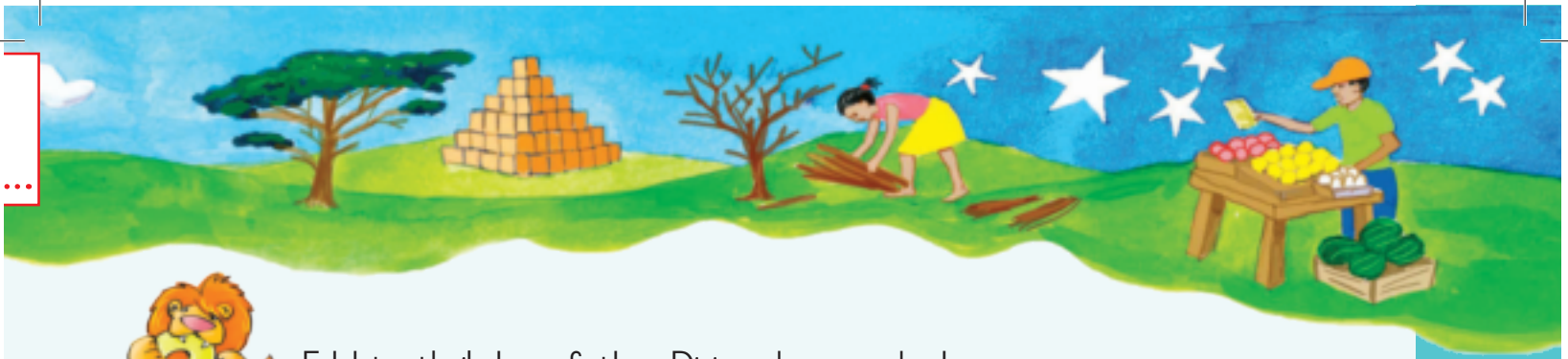


Bala maoto

Bontshanang dikarabo.
Tlhalosa se o se dirileng.

Dirisa dintlha tse o di itseng ka bo4 go araba dipotso tse:

Kgomo 1  4 maoto	Dikgomo 2  8 maoto
Dikgomo 3  maoto	Dikgomo 4  maoto
Dikgomo 5  maoto	Dikgomo 6  maoto
Dikgomo 7  maoto	Dikgomo 8  maoto
Dikgomo 9  maoto	Dikgomo 10  maoto



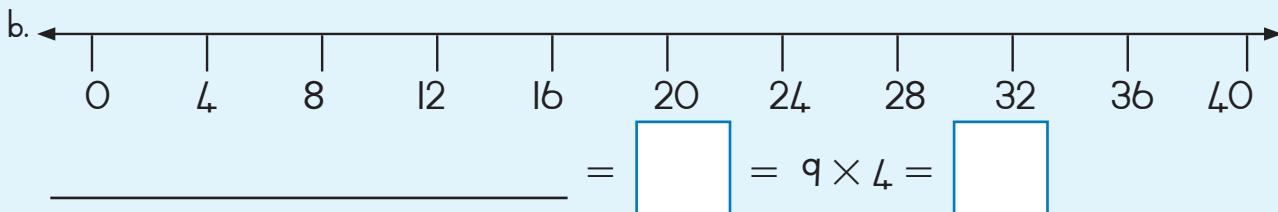
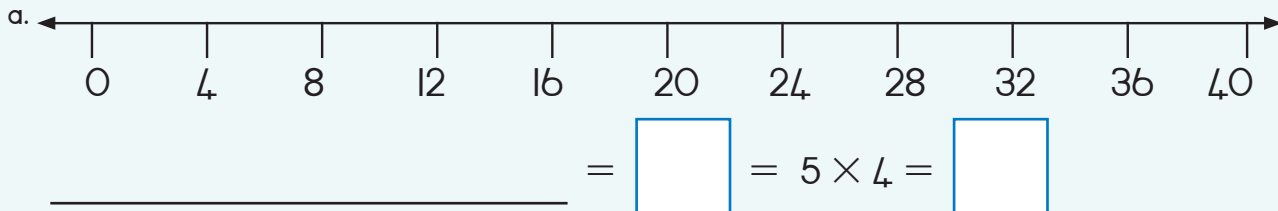
Feleletsa theibole e e fa tlase. Dirisa sekao go go kaela.

Dikgomo tse 3 di na le maoto a le _____	$4 + 4 + 4 = 4 \times 3 = \underline{12}$
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.





Diphethene kgotsa dipaterone mo dipalong

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: _____

[illegible]

b. Paterone: _____

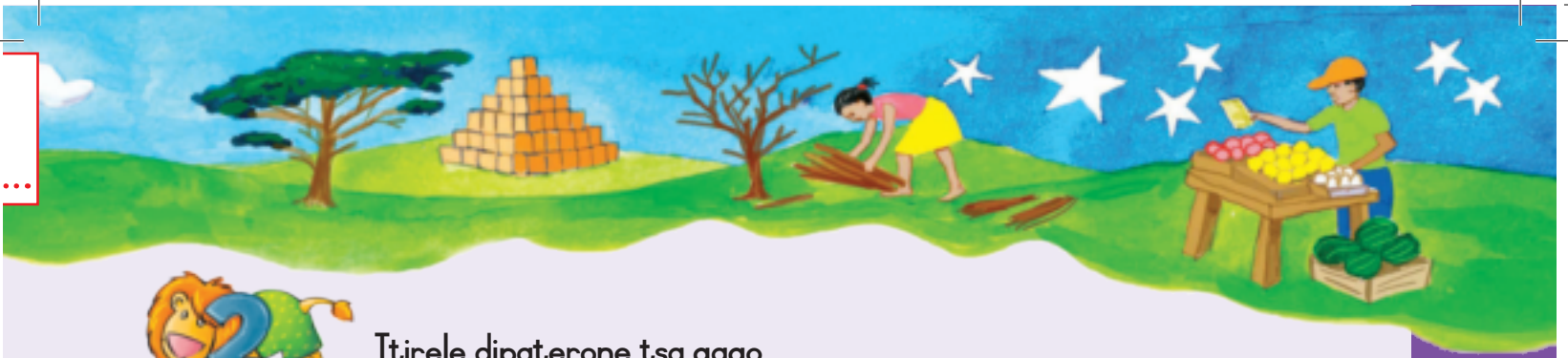
[illegible]

c. Paterone: _____

[illegible]

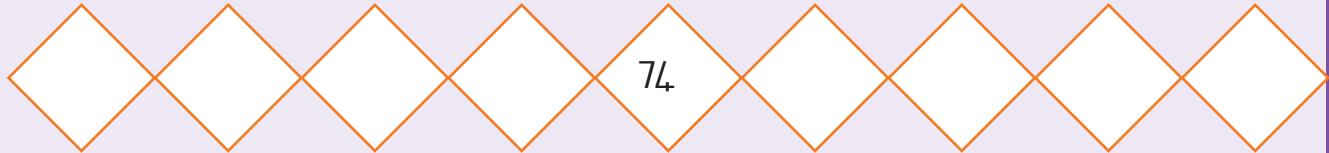
d. Paterone: _____

[illegible]

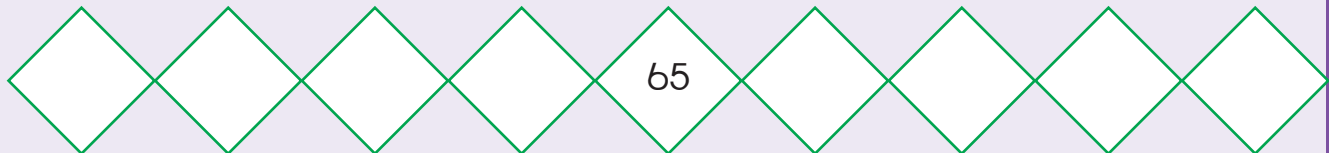


Itirele dipaterone tsa gago

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



- b. Mo pateroneng e ya dipalo, dinomere tsotlhe ke dipalomafeta. Dinomere 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 dišele 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? _____



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

30a

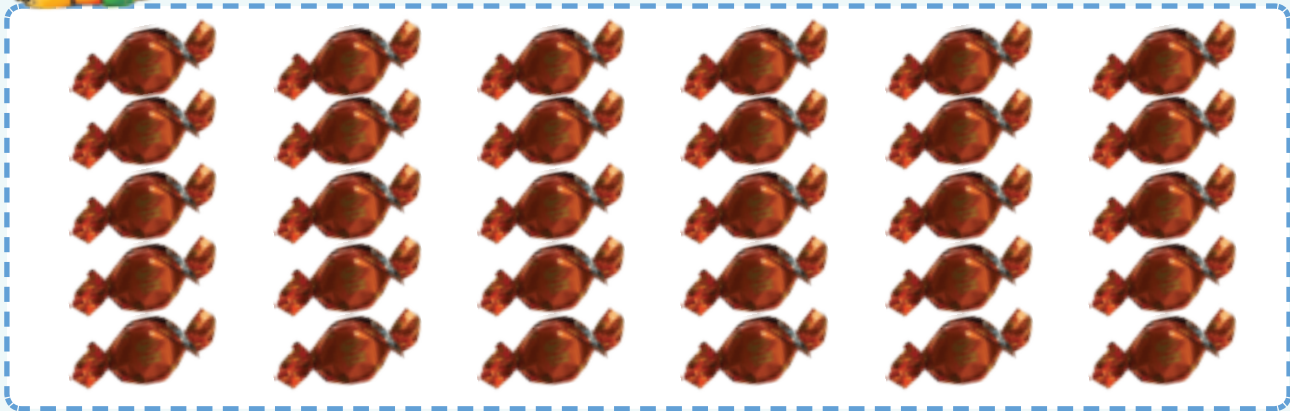
Letlha:

Kgweitharo I

Arola



Aroganya dimonamone:



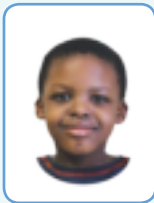
- a. Aroganya dimonamone di le 30 magareng ga bana ba le 2.



Re kgona go e kwala jaaka

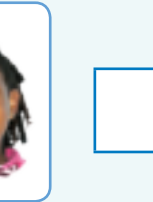
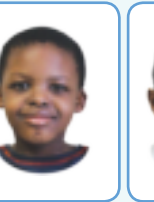
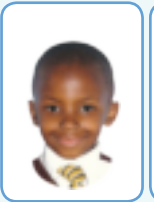
$$30 \div 2 = 15$$

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



$$\div =$$

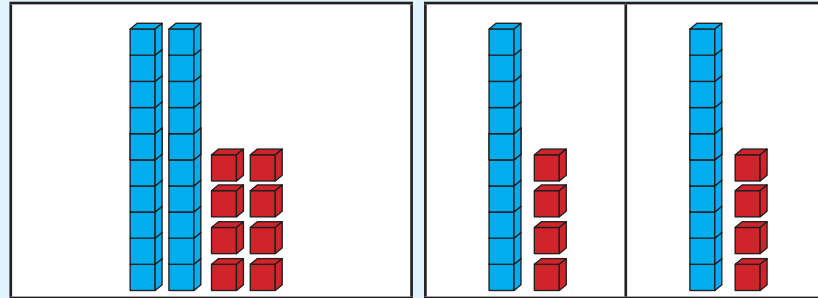
- c. Aroganya dimonamone magareng ga bana ba le 5.



$$\div =$$



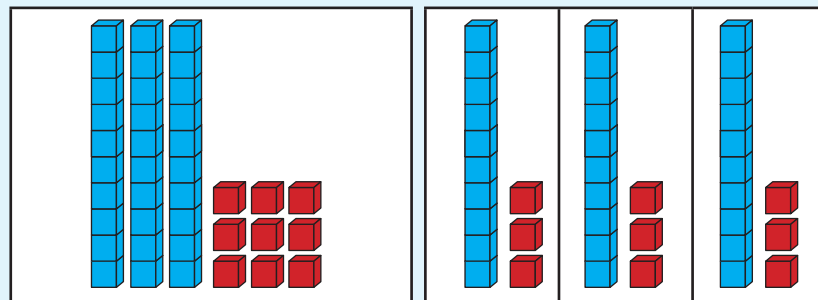
Re kgona go dirisa dibolokopalo go arola.



$$28 \div 2 = 14$$

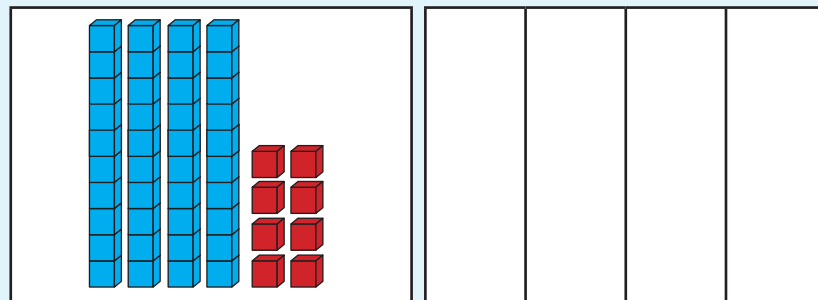
Jaanong dira tse.

a.

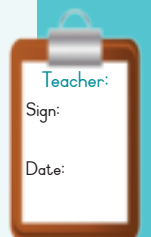


$$\square \square \div 3 = \square \square$$

b.



$$\square \square \div 4 = \square \square$$



30b

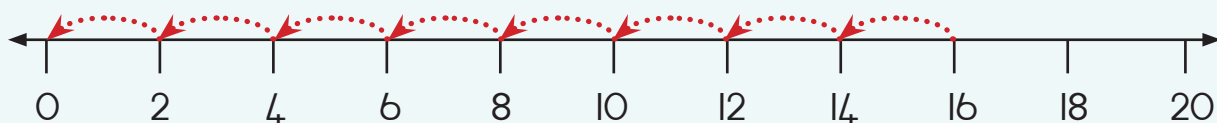
Letlha:

Arola (tsweletso)



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

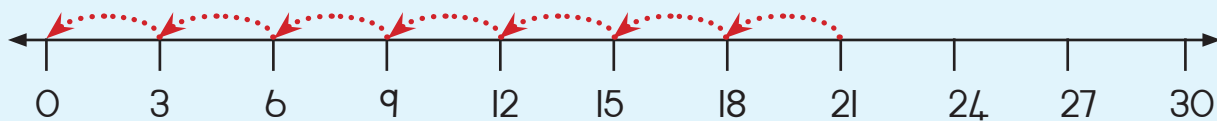
Sekao:



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

$$16 \div 2 = 8$$

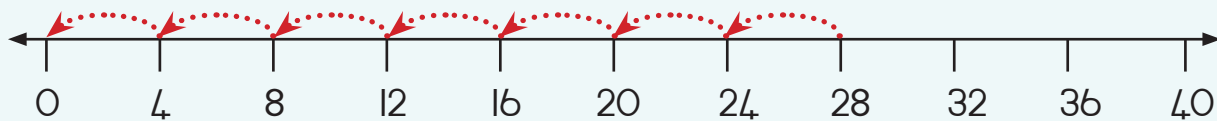
a.



$$21 - \underline{\hspace{2cm}} =$$

$$\boxed{} \div \boxed{} =$$

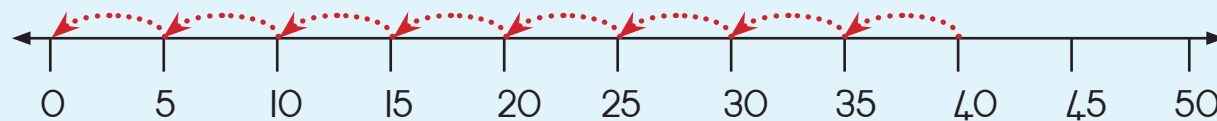
b.



$$28 - \underline{\hspace{2cm}} =$$

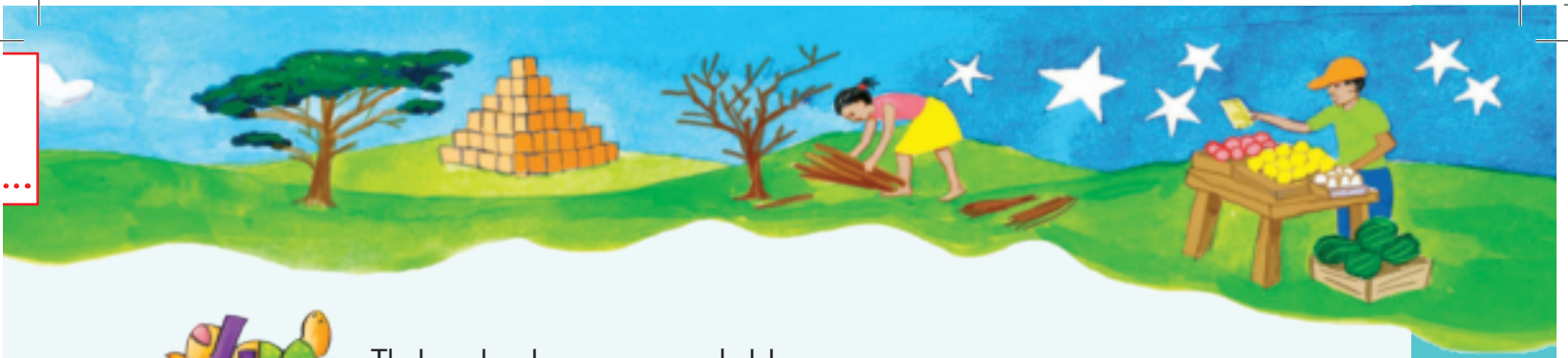
$$\boxed{} \div \boxed{} =$$

c.



$$\underline{\hspace{1cm}} - \underline{\hspace{2cm}} =$$

$$\boxed{} \div \boxed{} =$$



Thala molapalo mme o o rarabolole.

a. $30 \div 5 =$



b. $22 \div 2 =$



c. $27 \div 3 =$



d. $32 \div 4 =$



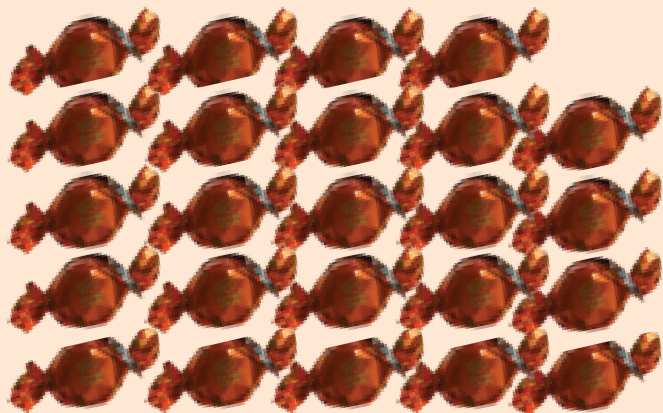
e. $25 \div 5 =$



Kgwetlho

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

Kwala polelopalo go bontsha
karabo ya gago.

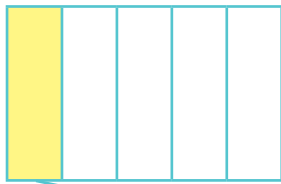


Teacher: _____
Sign: _____
Date: _____

Dipalophatlo



Thala mela go golaganya sebopego le palophatlo



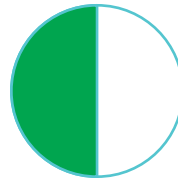
Nngwetharong

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



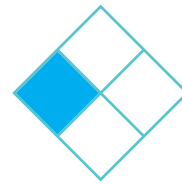
Nngwetlhanong

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



Kotara e le nngwe

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



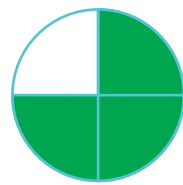
Halofo e le nngwe

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



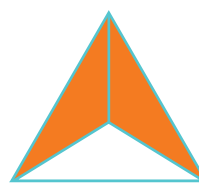
Dikotara di le tharo

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



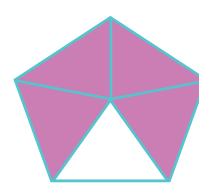
Nnetlhanong

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



Palogotlhe e le nngwe

$$1$$



Peditharong

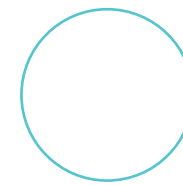
$$\frac{2}{3}$$

Arola mme o khalare:



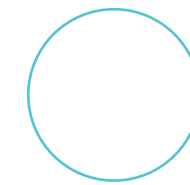
$$\frac{1}{2}$$

Halofo e le nngwe



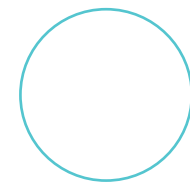
$$\frac{1}{3}$$

Nngwetharong



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

Kotara e le nngwe



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

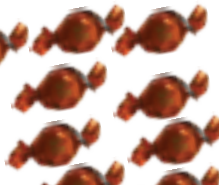
Nngwetlhanong

Bontsha ____ ya dimonamone:



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

Halofo e le nngwe



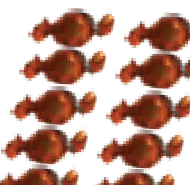
$$\frac{1}{3}$$

Nngwetharong



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

Kotara e le nngwe



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

Nngwetlhanong

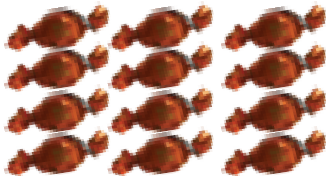
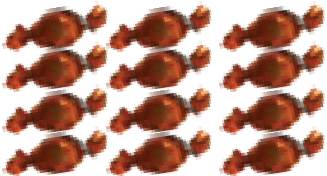
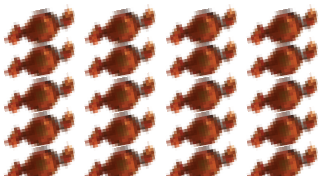


Aroganya dibadi magareng ga bana ba babedi.

<table><tr><td></td><td></td></tr><tr><td> </td><td> </td></tr></table>					<table><tr><td></td><td></td></tr><tr><td> </td><td> </td></tr></table>					<table><tr><td></td><td></td></tr><tr><td> </td><td> </td></tr></table>					<table><tr><td></td><td></td></tr><tr><td> </td><td> </td></tr></table>				
• Re amogetse dibadi di le 2 mongwe le mongwe. • 1/2 ya dibadi tse 4 ke 2.	• Re amogetse dibadi di le ____ mongwe le mongwe • ____ ya dibadi tse ____ ke ____.	• Re amogetse dibadi di le ____ mongwe le mongwe • ____ ya dibadi tse ____ ke ____.	• Re amogetse dibadi di le ____ mongwe le mongwe • ____ ya dibadi tse ____ ke ____.																
4 ÷ 2 = 2	____ ÷ ____ = ____	____ ÷ ____ = ____	____ ÷ ____ = ____																



Aroganya dimonamone magareng ga bana.

																										
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• $\frac{1}{4}$ ya dimonamone = 3 • $\frac{2}{4}$ ya dimonamone = ____ • $\frac{3}{4}$ ya dimonamone = ____ • $\frac{4}{4}$ ya dimonamone = ____	• $\frac{1}{3}$ ya dimonamone = ____ • $\frac{2}{3}$ ya dimonamone = ____ • $\frac{3}{3}$ ya dimonamone = ____																									





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.

_____	_____	_____
_____	_____	_____



Gio ya gae

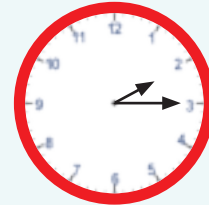
Ben o tsaya lobaka lo lo kae go fitlha kwa gae?

metsotso

diura



Ben o tswa kwa
sekolong.



Ben o tsena
kwa gae.



Nako e a fofa

Nako ka bo2 ...



Gio na le

metsotso 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.
- Gio 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? _____

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					

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	31		

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.



Teacher: _____
Sign: _____
Date: _____

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.



101	102								
111									
121									
131									
								149	
			154						
				165					
		173							180
181					186				
							198		200



Kwala dinomore

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

200; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____



Kwala dipalo tse di tlogetsweng

a.

200		180			
					110
50					
					0

b.

87		107	
167			
		207	
			237



Feleletsa

200	+	30	+	5	=	235
200	+	40	+	7	=	_____
200	+	60	+	8	=	_____
	+		+		=	293
	+		+		=	256

Kwala dipalo ka tatelano go tloga ka e nnyenye go fitlha ka e kgolokgolo.



Go bala go tloga ka 100

Bereka gore o tlhoka eng go ya kwa palong e e latelang.

Simolola

100	→ +25 →	125	→		→	129	→		→	138

Bokhutlo

168	←		←	157	←		←	151	←		←	145



Teacher: _____

Sign: _____

Date: _____

Go dira ka ditlhopho tsa dipalo



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? _____

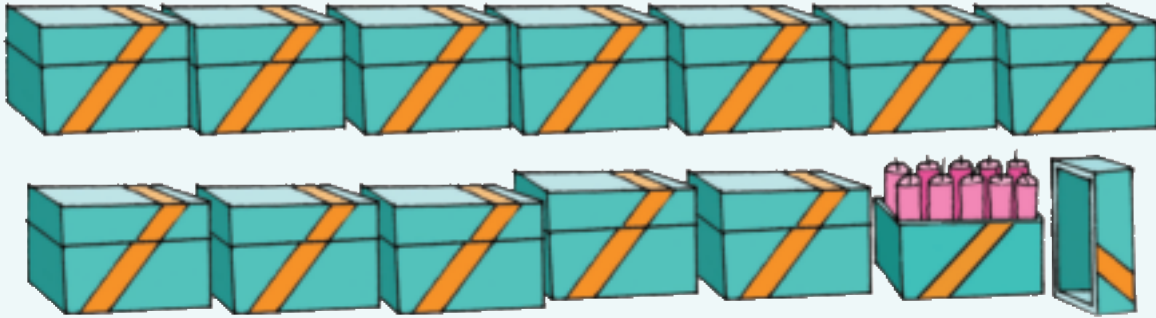
Ke mabokoso a le makae mo rakeng e nngwe le e nngwe? _____

Go na le dikerese di le kae mo rakeng nngwe le nngwe? _____



Mabokoso a dikerese

MmaTumelo o tswala mabokoso.



a. Bala mabokoso otlhe.

Ke a le makae? _____

Ke dikerese di le kae tsotlhe? _____

O tlhoka mabokoso a makae gape go tlatša go fitlha 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



11 12 13 14 15 16 17 18 19 20

35a

Letlha:

Kgweditlharo 2

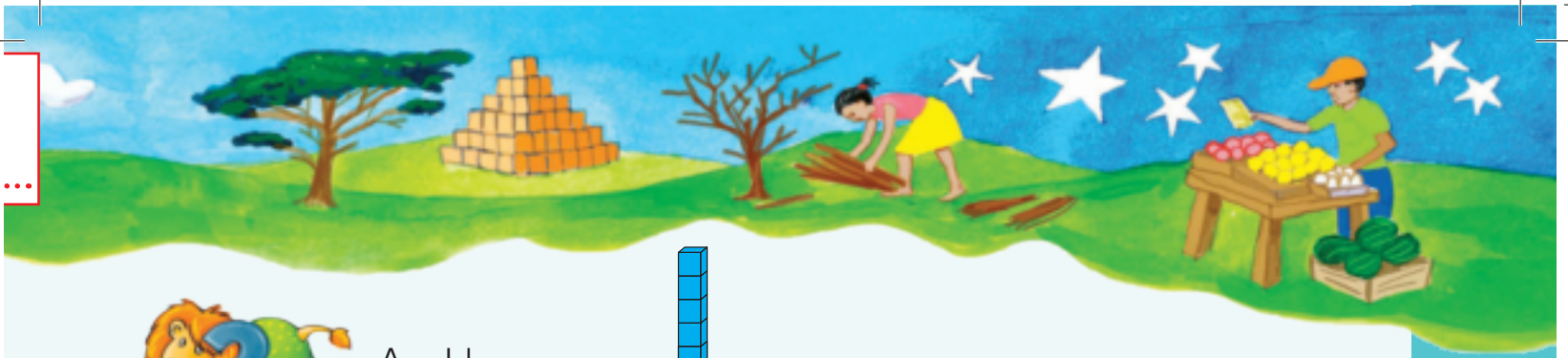
Go baya masome mmogo le
go a aroganya



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

100s	10s	1s
Mmogo re na le bolesome ba le 12. Re ka baya masome a le 10 mmogo go dira legolo le le 1.		



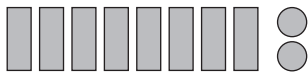
A re leke



kgotsa



Sekao: $82 + 34$



$$100 + 20 + 6 = 126$$

b. $65 + 52$

c. $76 + 63$

d. $86 + 65$



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

35b

Letlha:

Go baya masome mmogo le go a aroganya (tsweletso)



Baya ditlhophha mmogo

Dirisa diboloko tsa gago tsa bolenkemedi.

Dirisa diboloko tsa kemopalo go dira dinomere tse pedi.	Tsotlhe di feletse ke masome a le makae? ke metso e le mekae?	A o beile masome kgotsa metso ka setlhophha? Netefatsa kemopalo fa o beileng ka ditlhophha 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 tlosang re di khalarile ka bosetlha)

Re kgona go bontsha bolesome ba barataro ka mokgwa 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	



Teacher: _____
Sign: _____
Date: _____



Leeto go ya kwa ngakeng ya meno

Setlhopha sa bana se etela kwa ngakeng ya meno.



Ke makgetlo a le makae
mo letsatsing ao o
gotlhang meno a gago ka
ona?

Se ke se bana ba mmolelelang sona.



= lekgetlo le le 1

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

a. Bala matshwao (✓) go bontsha gore bana ba tlhapa meno a bona gaka. 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.

Gao 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 gaka e ka letsatsi? _____
- Thala kerafo ya setshwantsho e e tshwanang le e e fa godimo go bontsha diphitlhelelo tsa gago.



11 12 13 14 15 16 17 18 19 20

37a

Letlha:

Tlhakanya le kopanya



Go kwala palo ya gago

Busi a ka tlhakanya **metso** le **masome** a bo a di baya ka ditlhophahlopha. O kgona 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 dinomere.

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

$$\begin{array}{|c|c|} \hline 5 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 6 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 7 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 3 \\ \hline \end{array}$$

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 nomere ya dinoko tse 3.

9

100

209

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:

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

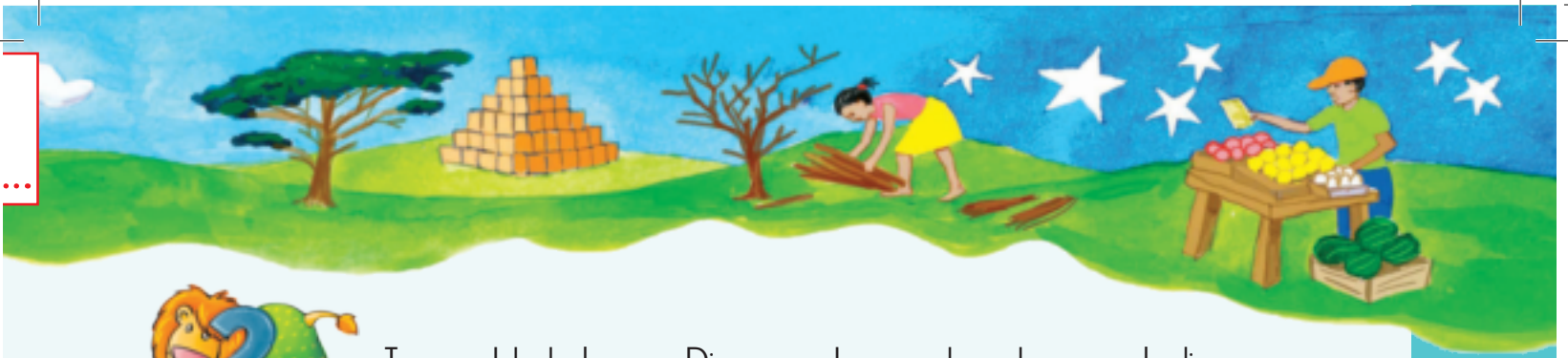


Aakar o rata go gaufetsa.

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.



Teacher: _____

Sign: _____

Date: _____

37b

Letlha:

Kgweditlharo 2

Tlhakanya le kopanya (tsweletso)



Jaanong tlaya re ntshe.

a. $87 - 53$

Mokgwa wa ga Busi

$$80 - 50 + 7 - 3$$

$$= 30 + 4$$

$$= 34$$



Mokgwa wa ga Tumi

$$80 + 7 - 50 + 3$$

$$= 30 + 4$$

$$= 34$$



b. $95 - 73$

c. $86 - 62$

d. $85 - 69$



E rarabolole

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

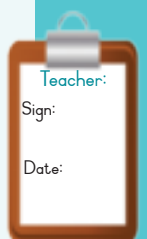
- a. Peter o simolola ka go sela diperekisi di le 34 mme morago diperekisis di le 67.
Ke diperekisi di le kae gotlhelele?



- 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?



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.

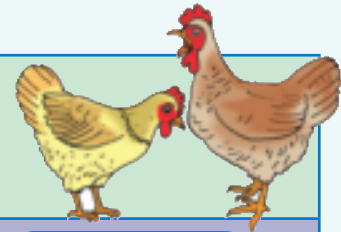
Ke dithekete di le kae tse Musa a setseng a di rekisitse go fitlhela fa?



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.



Tsela ya ga Gugu

$$\begin{aligned} &60 + 90 + 9 + 5 \\ &= 100 + 50 + 14 \\ &= 150 + 10 + 4 \\ &= 164 \end{aligned}$$



Tsela ya ga Aakar

$$\begin{aligned} &69 + 95 \\ &= 70 + 95 - 1 \\ &= 70 + 90 + 5 - 1 \\ &= 160 + 4 \\ &= 164 \end{aligned}$$

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



- a. Basimane ba kokoanya R96 ya leeto la tlelase. Basetsana ba kokoanya R79. Ba kokoantse bokae gotlhe 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



39

Kgweditlharo 2

Bala o bo o balela



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.

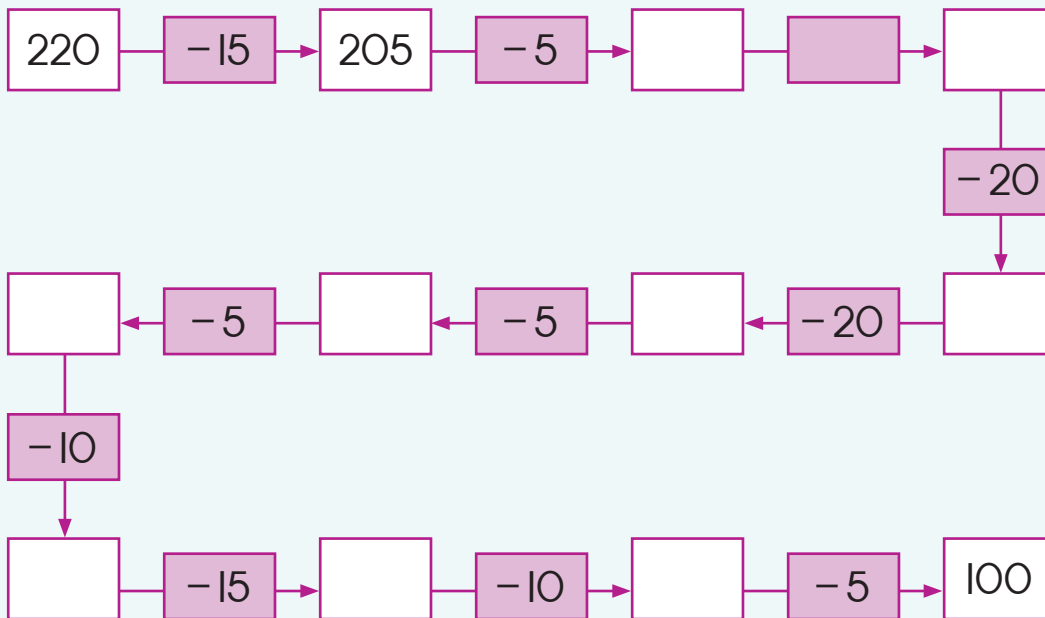
200	
	120



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 ntlha.



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.

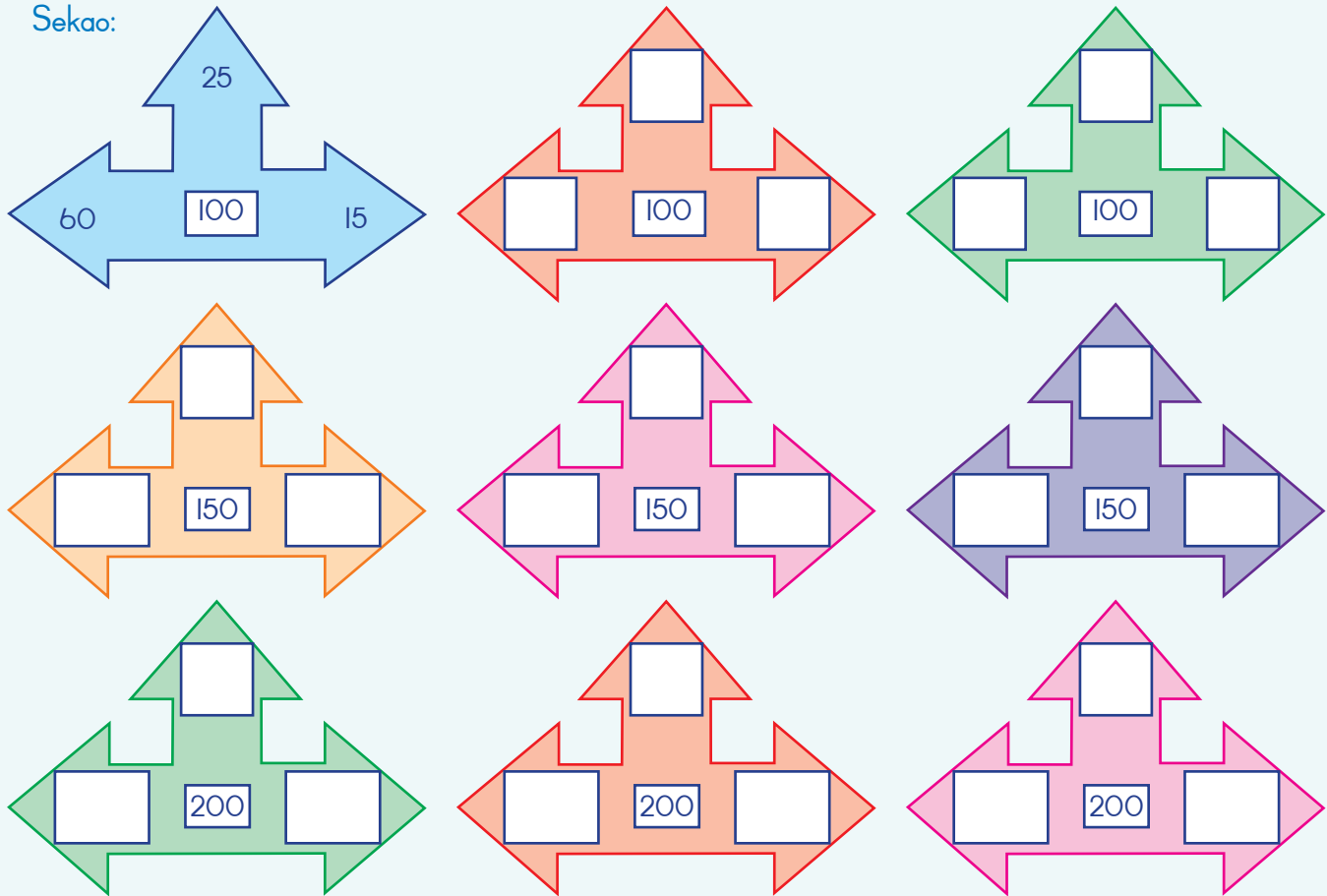


Malapa a 3

Batla dinomere di le 3 tse di dirang nomore e e lebeleletsweng.

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.

+50	70	125	150	81	96	122	134	111	70
	120								
-50	186	200	158	179	139	79	126	138	99
	136								



Teacher: _____
 Sign: _____
 Date: _____

11 12 13 14 15 16 17 18 19 20

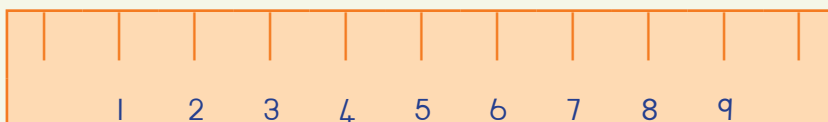
40

Letlha:

Go lekanyetsa ka disentimitara



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.

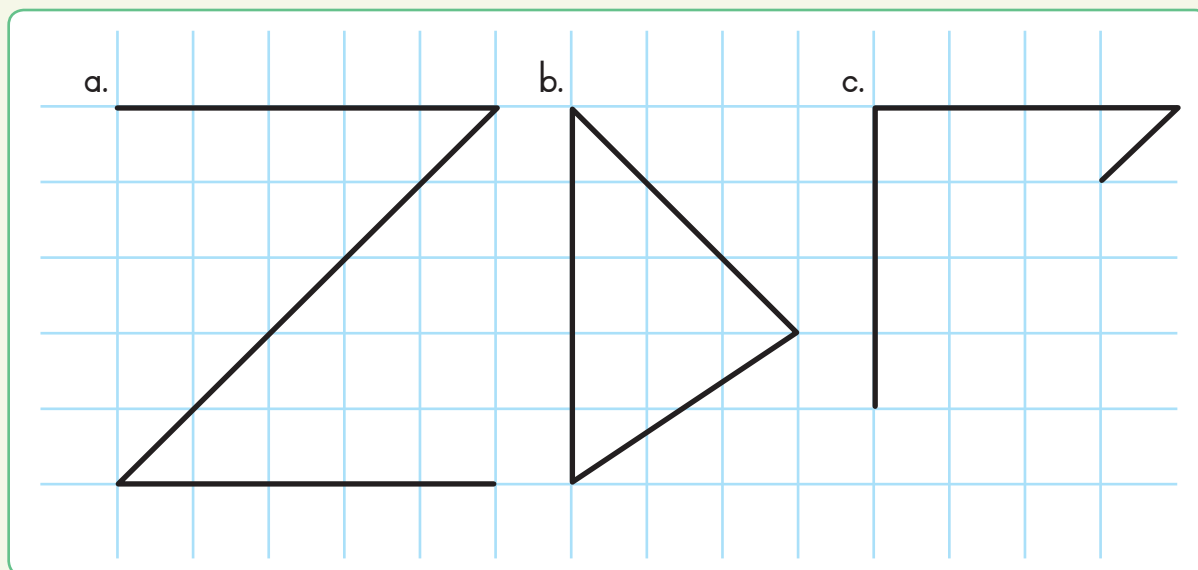
Dirula tse dingwe ga di bontshe O jaaka e e mo tsebeng e.

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

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



Fopholetsa, morago o lekanyetse ka nepagalo ka rula ya gago, palogotlhe ya boleele jwa mela e ka disentimitara (cm).



a. Fopholetsa cm	b. Fopholetsa cm	c. Fopholetsa cm
Lekanyetsa cm	Lekanyetsa cm	Lekanyetsa 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. _____ cm	d. cm
b. _____ cm	e.  cm
c. _____ cm	f.  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 mehibidu e lebega o ka re e meleele mme mela e mentsho e e tswelang ka mo gare e dira gore mela e metala e bonale o kare e mekhutshwane.



Teacher: _____
Sign: _____
Date: _____

Ntlha ya 300



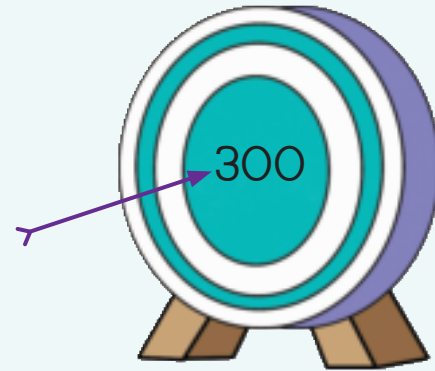
Go bala le go kwala bo200

Bala go tswa go 201 go ya go 300.

Supa fa o ntse o ya.

Morago tlatsa dinomere tse di botala jwa legodimo pele.

Kwala dinomere tsotlhe tse di setseng.



201						207			210
211									
221									
231									
								249	
			254						
				265					
		273							280
281					286				
							298		300

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

300; _____; _____; _____; _____; _____; _____; _____; _____; _____



Ke motlolo ofe?

301		281					
		171				211	
					101		



Go bontsha le go bapisa

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

298;	208;	301;	276;	227;	269;	311
2 0 0						
9 0						
8						

b. Kwala dipalo ka tatelano go tloga ka e nnyenye go fitlha ka e kgolokgolo.

_____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____



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

Simolola

200	+25	225		237		249

Bokhutlo

300		286		278		261



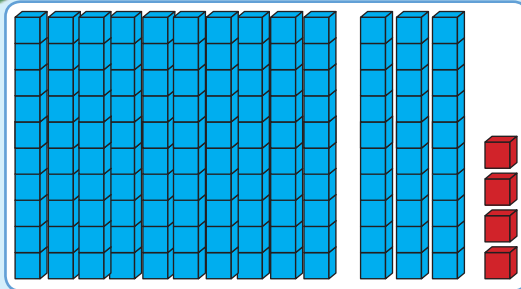
Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

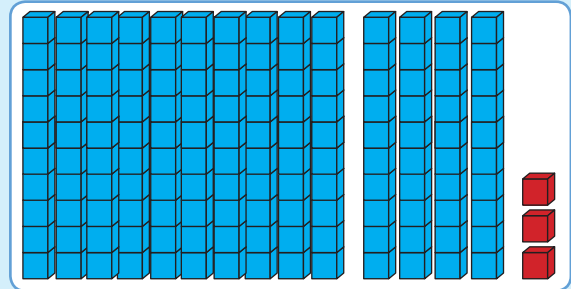
Go tlhakanya le go ntsha ka bol100



Go dirisa diboloko go tlhakanya



+



100

30

4

+

100

40

3

=

200

70

7

=

277



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

a. $132 + 123$

Mokgwa wa ga Busi

$$= 100 + 100 + 30 + 20 + 2 + 3$$

$$= 200 + 50 + 5$$

$$= 255$$



Mokgwa wa ga Tumi

$$132 + 123$$

$$= 200 + 50 + 5$$

$$= 255$$

b. $114 + 162$



c. $276 + 148$



Lebelele mekgwa mme o ntshe.

a. $158 - 146$

Mokgwa wa ga Busi

$$= 100 - 100 + 50 - 40 + 8 - 6$$

$$= 0 + 10 + 2$$

$$= 12$$



Mokgwa wa ga Tumi

$$158 - 146$$

$$= 0 + 10 + 2$$

$$= 12$$



b. $194 - 122$

c. $288 - 199$



Teacher:

Sign:

Date:

43

Ntlha ya 400

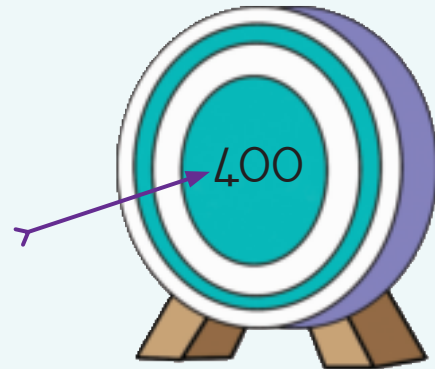


Go bala le go kwala bo400

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

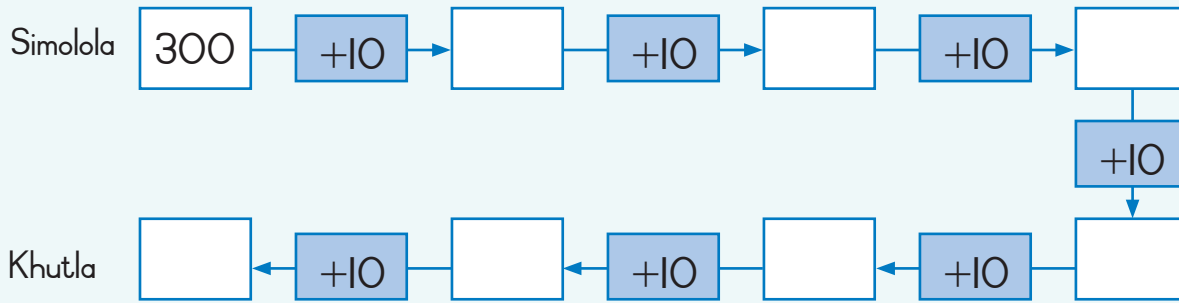
Kwala dipalo tse di latelang morago ga 400 di le 9.

400; _____; _____; _____; _____; _____; _____; _____; _____; _____;

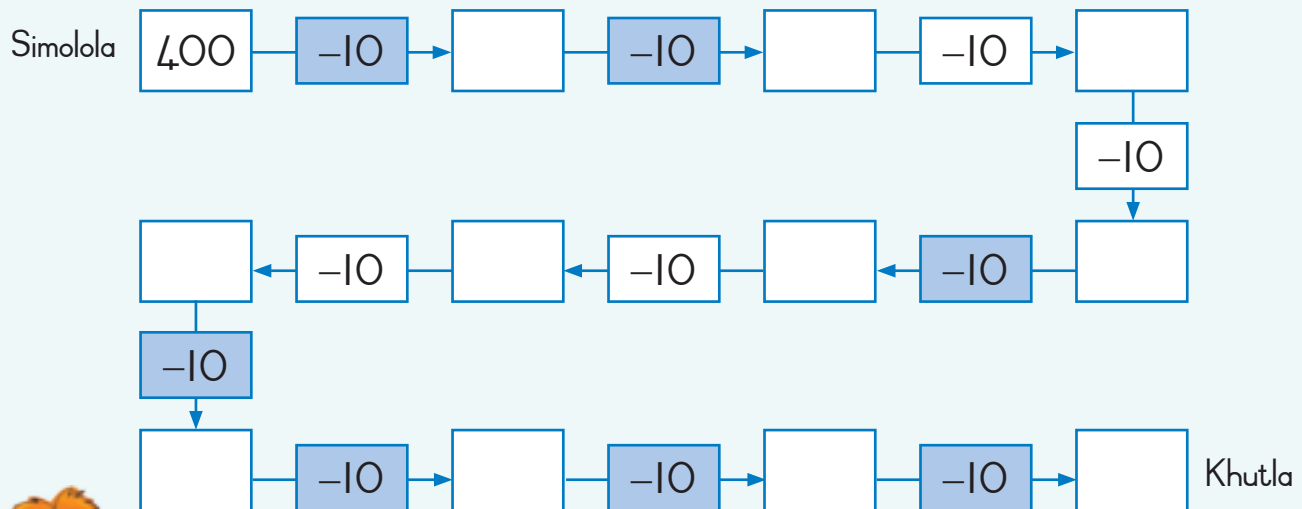


Ke phetoge efe?

a. Go balela kwa pele go tloga ka 300



b. Bala go tloga ka 400



Kwala jaaka palo e le nngwe.

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

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

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

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

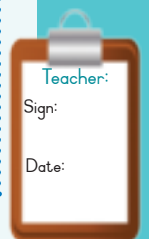
$$300 + 10 + 5 = \underline{\hspace{2cm}}$$

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

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

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

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



44

Letlha:

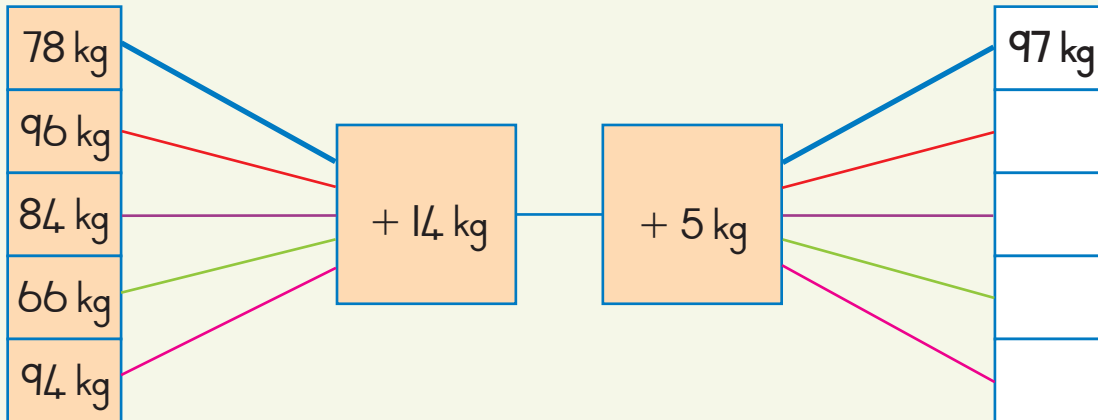
Kgweditlharo 2

Go kala



Nomore e e kgethegileng
Tlhakanya o bo o kwala dikarabo.

Ke a itse gore nomore e e
kgethegileng ke eng! Wena?



Go garela le go tlhakanya!

Nagana ka botlhale!

Phokajwe 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 botlhofo go fitlha go bokete.

Fopholetsa palogotlhe ya mmase wa dipholologo 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 nnete.
- 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 setlhopha karabo. O se ka wa ba bontsha tiro ya gago! Morago ba tshwanetse go leka go bereka mmase wa gago.



Teacher: _____

Sign: _____

Date: _____

45

Letlha:

Kgweditlharo 2

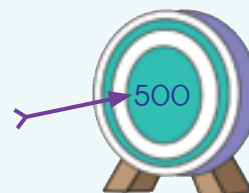


Ntlha ya 500

Go bala le go kwala

400

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



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

500; ____; ____; ____; ____; ____; ____; ____; ____; ____

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

400; 402; ____; ____; ____; ____; ____; ____; ____; ____

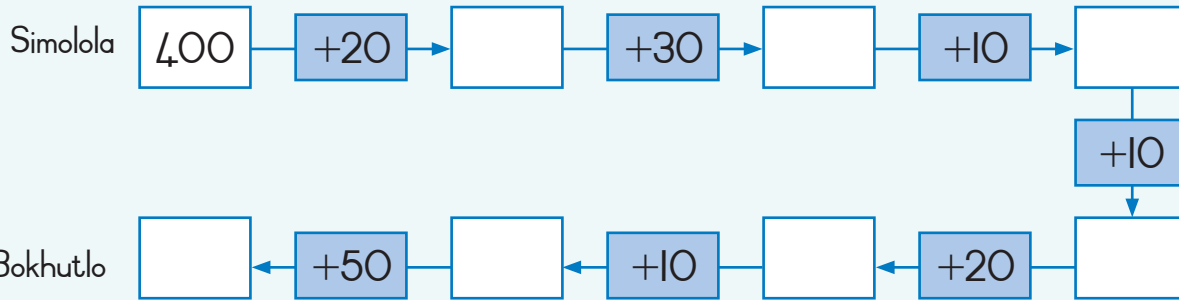
- Bala ka bo5. Kwala dipalo tse di latelang di le 8 ka **paterone ya bo5**.

400; 405; ____; ____; ____; ____; ____; ____; ____; ____

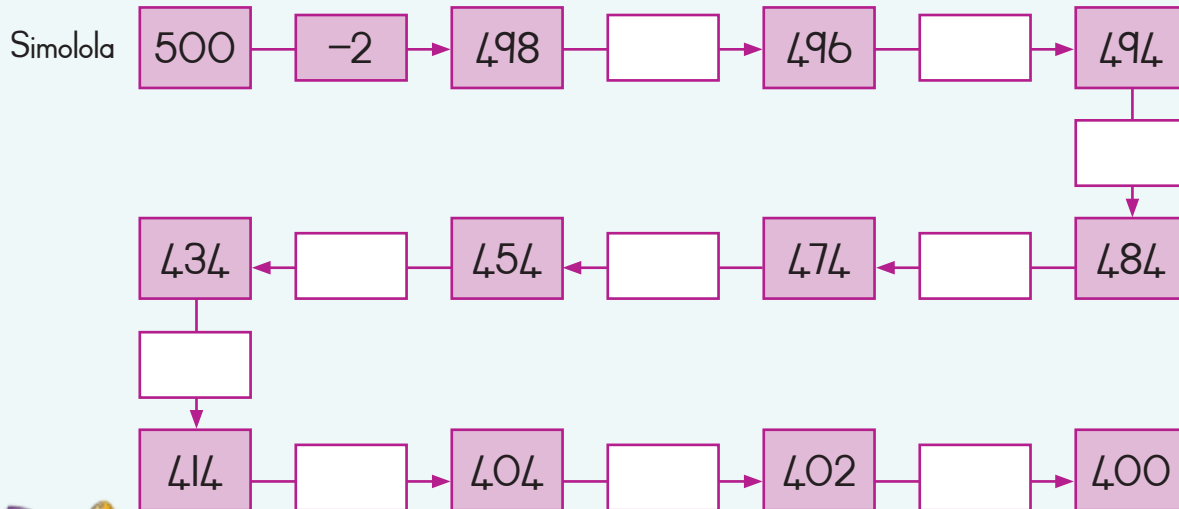


Phetogo ke eng?

a. Balela kwa morago go tswa go 400.



b. Balela kwa morago go tswa go 500.



Go bontsha dipalo. Sala sekao morago

Bokhutlo

Batla dipalogotlhe. Dirisa dikaratapalo tsa gago go bontsha palogotlhe nngwe le nngwe.

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

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



Teacher: _____
Sign: _____
Date: _____

Tswelletso ya go tlhakanya le go ntsha

O lemoga eng?

$\begin{array}{r} 200 \\ 200 \\ 50 \\ 30 \\ 4 \\ 5 \end{array}$	$\begin{array}{r} 400 \\ 80 \\ 9 \end{array}$	489
---	---	-------



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

a. $245 + 231$

Mokgwa wa ga Busi

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



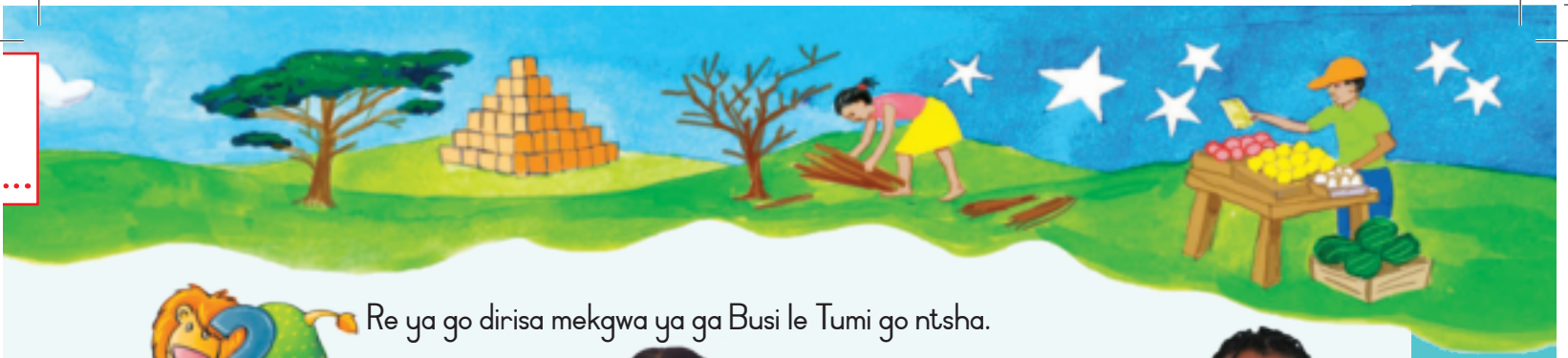
Mokgwa wa ga Tumi

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



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

$$= 400 - 300 + 70 - 20 + 6 - 4$$

$$= 100 + 50 + 2$$

$$= 152$$



Mokgwa wa ga Tumi

$$476 - 324$$

$$= 100 + 50 + 2$$

$$= 152$$

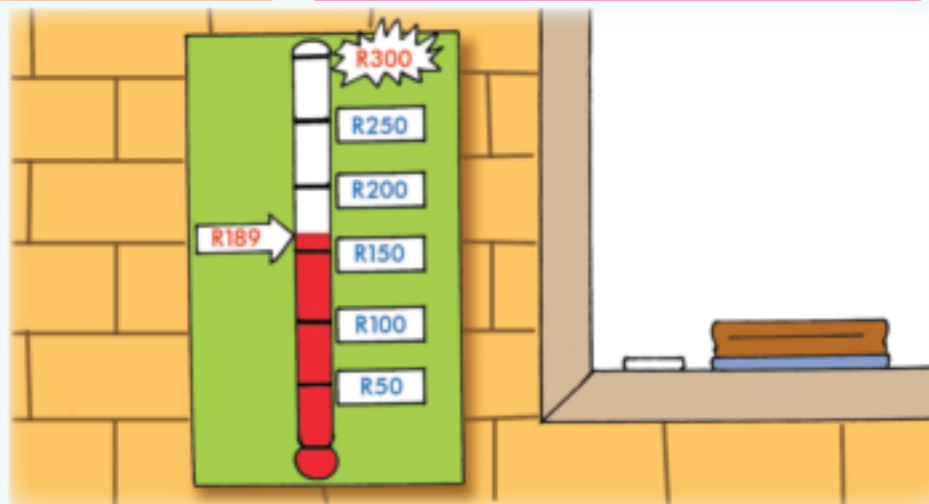


b. $489 - 456$

c. $482 - 161$



Go fitlhelela ntlha



Ithute setshwantsho

Ke bokae gape go fitlhelela ntlha?

R



Teacher: _____

Sign: _____

Date: _____



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
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

Tshedimosetso ya dipalo	Karabo	Tlhaka
Sekao: $2 \times 3 \times 3 \times 1 = \square$	18	R
$50 + 50 + 50 + 100 - 200 - 45 = \square$		
$1 + 2 + 7 + 10 + 7 + 1 - 14 = \square$		
$60 - 30 + 50 + 20 - 50 - 15 - 20 = \square$		
$3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$		
$5 + 3 + 30 = 4 + 2 + 12 + \square$		
$100 - 5 - 70 = 20 + \square$		
$36 + 44 - 60 - 22 = \square$		
$10 + 15 = 14 + \square$		
$2 + 1 + 14 + 9 + 14 = 25 + \square$		
$1 \times 2 \times 2 \times 2 \times 2 = \square$		

Leina la thaba ke



Lebelelela, nagana, mme o arabe!

1 2 3 4 5 6 7 8 9 10 11 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. Nmore 50 e tlaa nna *.
- Nmore 100 e tlaa nna ●.
- Nmore 28 e tlaa nna ☾.
- Nnete kgotsa Fosagetse?
- Nnete kgotsa Fosagetse?
- 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.

Tlholo. Bapisa. Nepagetse



Teacher: _____

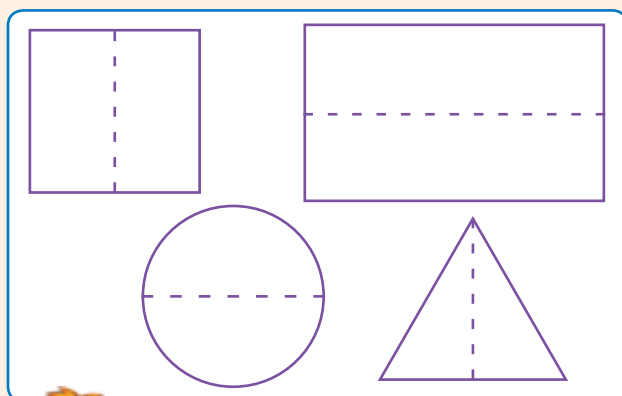
Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20

Tekatekano

O lemoga eng ka ga dibopego tse?



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

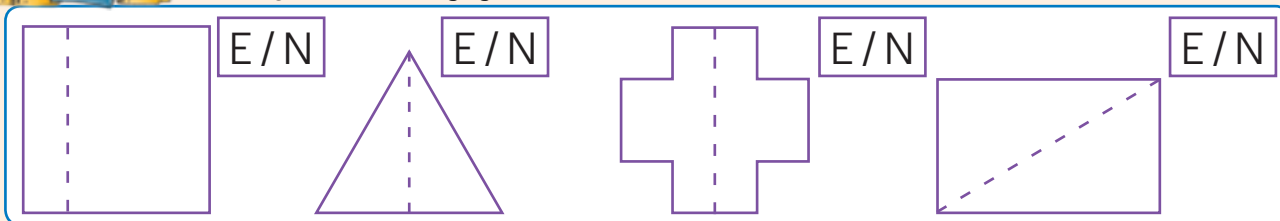
Sebopego se na le tekatekano fa o kgona go se mena mo moleng wa tekatekano gore dihalofo tse pedi di nyalane mme di lekalekane.



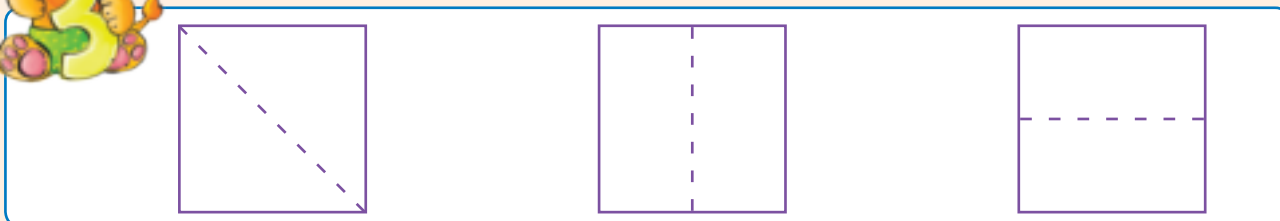
Thalela sebopego sengwe le sengwe mola wa tekatekano.

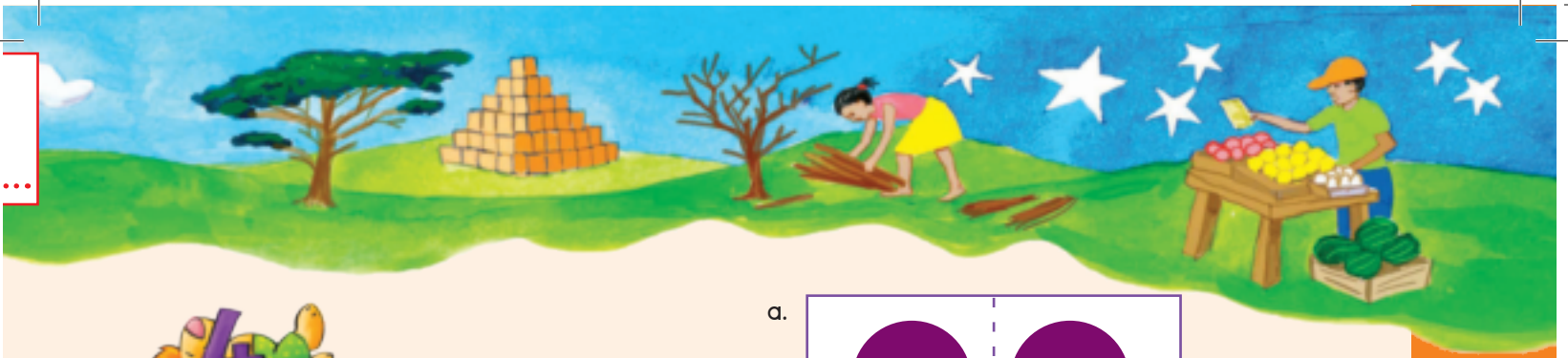


A mola o o maronthorontho ke mola wa tekatekano kgotsa nnyaya? Sekeletsa (E) Ee kgotsa (N) Nnyaya.



A se ke mola wa tekatekano? Goreng?

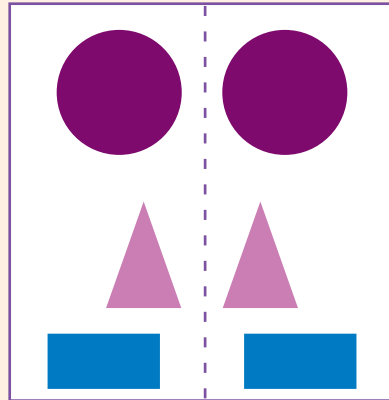




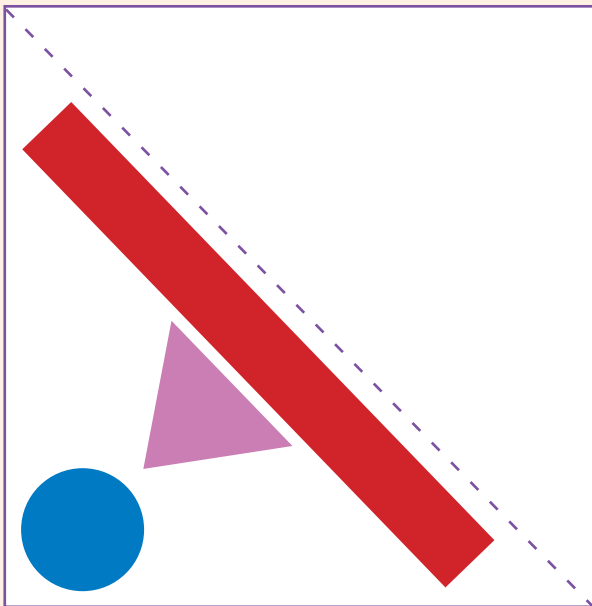
Thala dibopego go dira gore setshwantsho se lekalekane.

Re go diretse tsa ntlha.

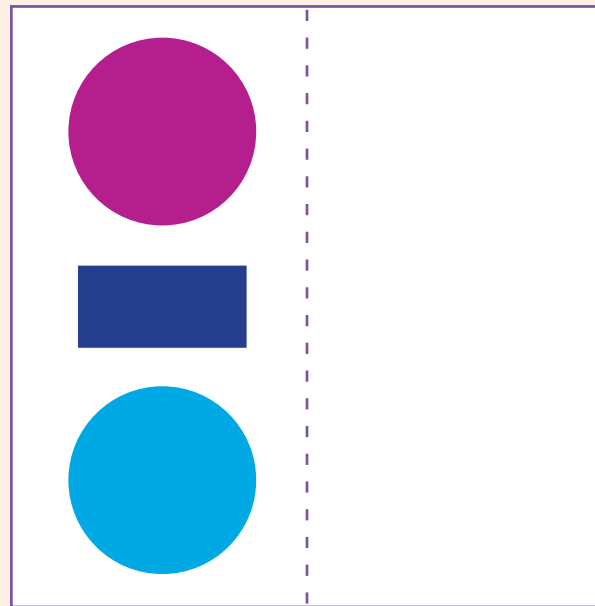
a.



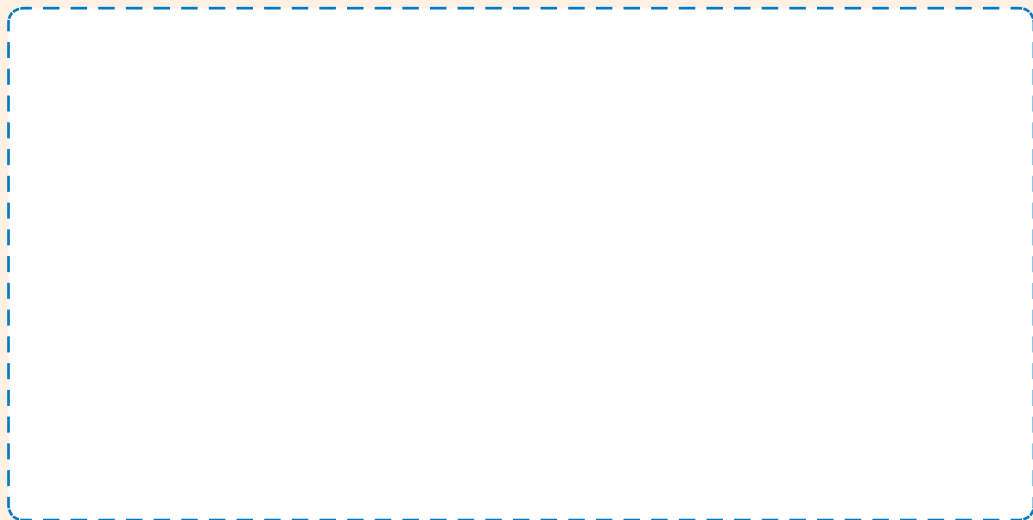
b.



c.



Itlhamele mmetshe wa gago o o lekalekanang o dirisa dibopego.



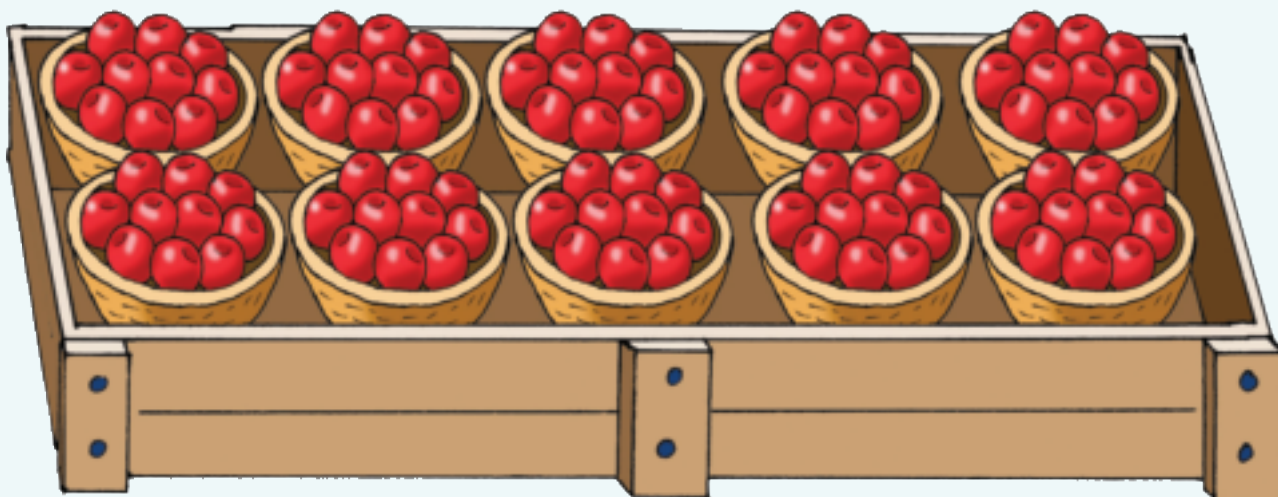
49

Kgweitharo 2



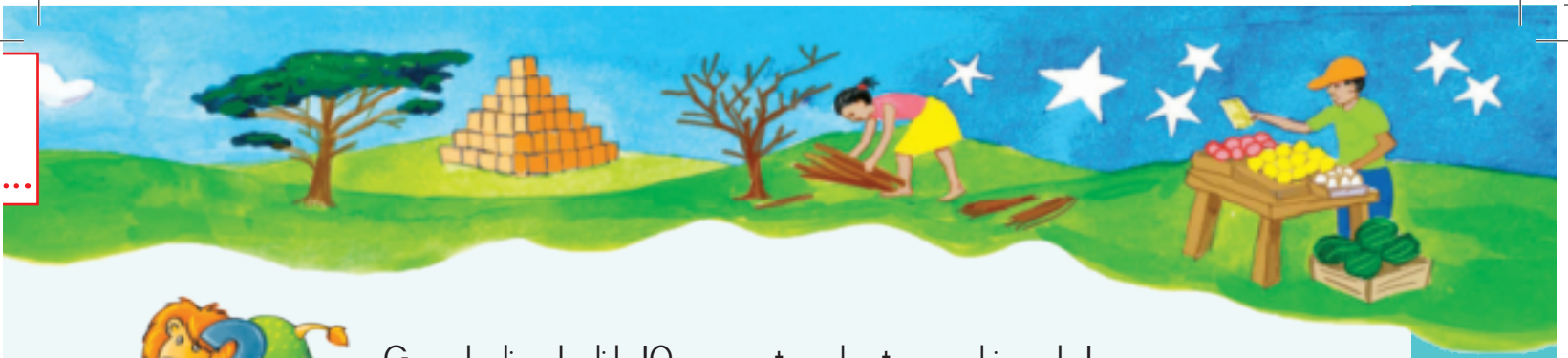
Go bala diapole

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 100.	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 ____.

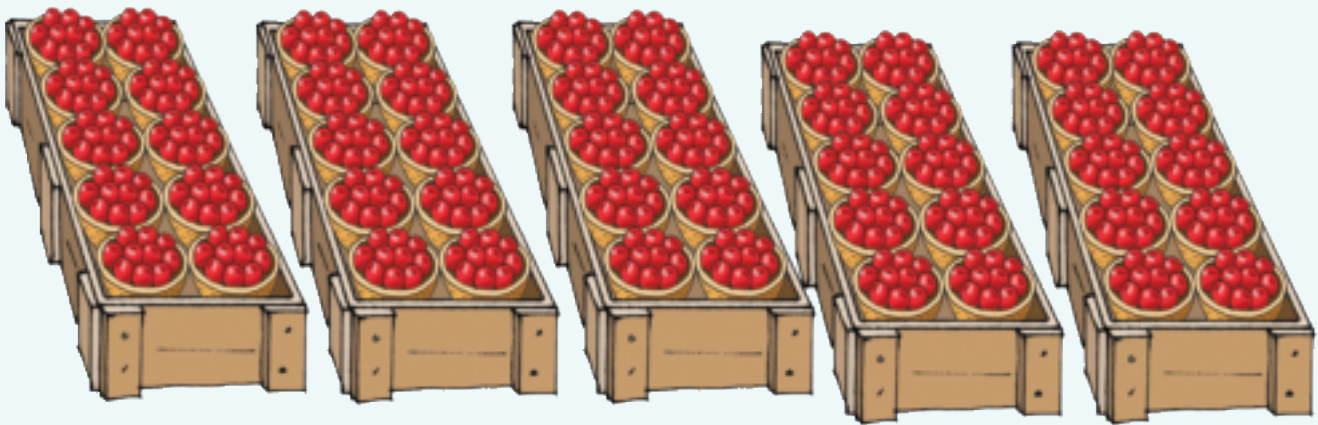


Go na le diapole di le 10 mo serotong kgotsa manking o le 1.

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

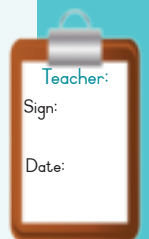
Sa ntlha dirisa dikaratapalo go bontsha palogotlhe nngwe le nngwe. Morago o kwale palo.

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

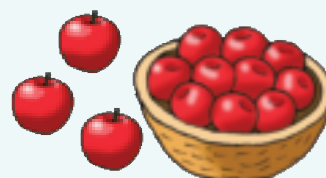
Go atisa le go arola (10)



Go bala diapole

Tlatsa theibole

Ke diroto di le kae tse di tshotseng diapole?



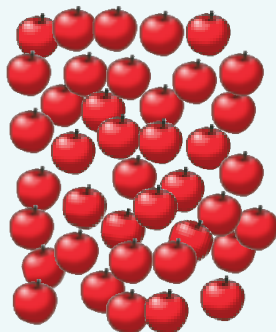
Diapole 	10	20	30	40	50
Diroto 	1	2			

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.

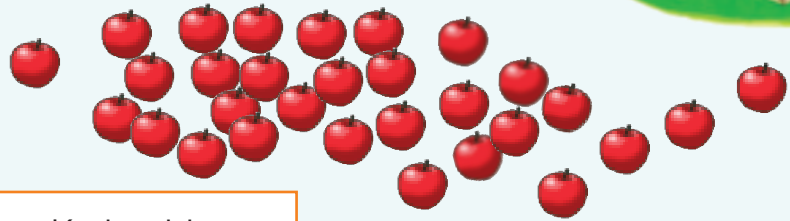
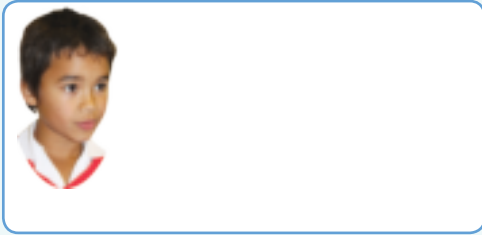
$$\square \div \square = \square$$

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



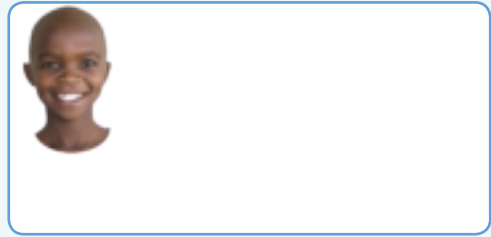
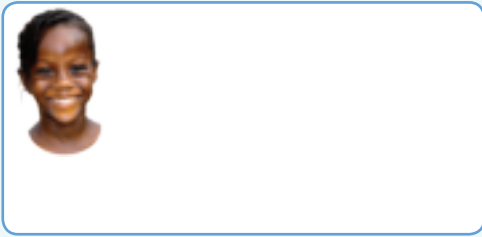


b.

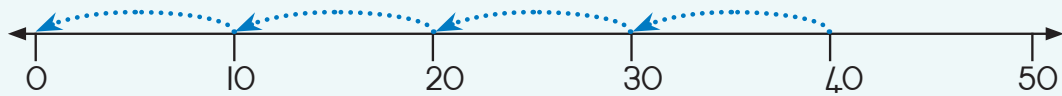


Kwala palelo ÷

Kwala palelo go
netefatsa dikarabo
tsa gago. ×



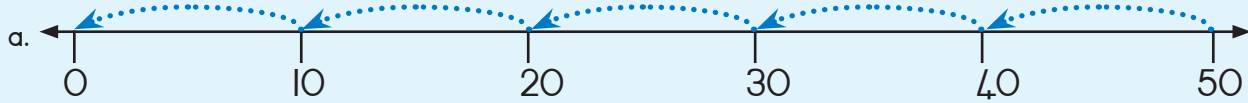
Dirisa dipalo go itirela dipolelopalo tsa gago.



Sekao:

÷ $40 \div 10 = 4$

× $4 \times 10 = 40$



÷ ×



÷ ×



÷ ×



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: _____



Bala ka bo2

Go balela kwa pele le kwa morago

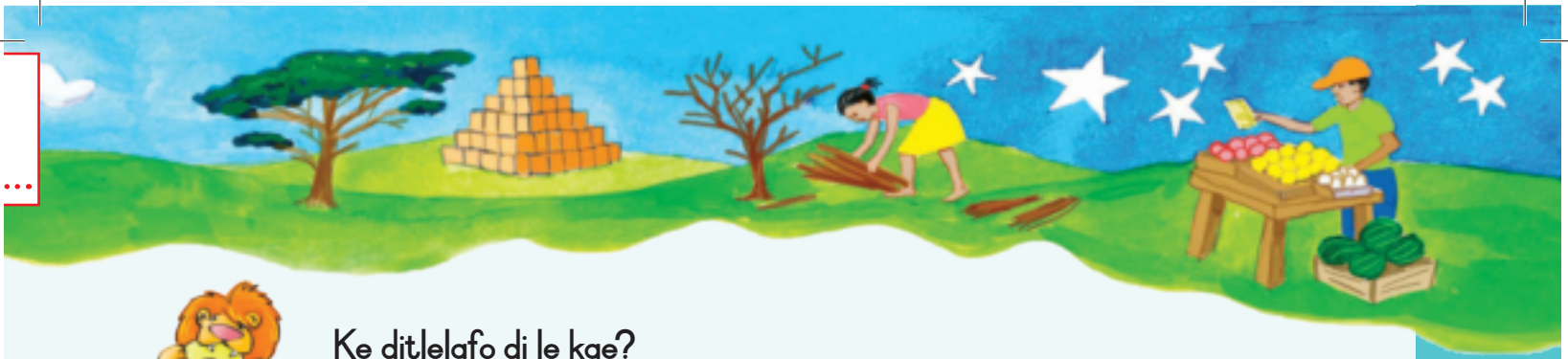
- 232; 234; _____; _____; _____; 242; _____; _____; 248
- 500; _____; 496; _____; _____; 490; _____; _____; _____
- 460; _____; _____; 400; _____; 360; _____; _____; _____
- 341; _____; 361; _____; _____; 391; _____; 411; _____; _____



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 dira jang.
- Kwala karabo ya gago e le polelopalo.
_____ × _____ = _____



Ke ditlalafo di le kae?

Kwala go ya ka ditheibole.

a.

Para tsa ditlalafo 	 1	 10	 5	 50	 4	 40	 3	 30	 100
Palo ya dihanesekune	2								

b.

Tlalafo e le nngwe	20	21	70	73
Dipara tse di ka diriwang				
Ditlalafo 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, 377, 379	480, 482, ____, __	262, 264, ____, __
--------------------	--------------------	--------------------

c. Kwala dipalo tse pedi tse di latelang.

346, 348, ____, __	415, 417, ____, __	297, 299, ____, __
--------------------	--------------------	--------------------



Teacher: _____
Sign: _____
Date: _____

Dira tselana ka dithaele



Go rulaganya tshingwana

Ke di beye jang?



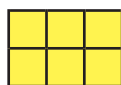
Mme Mabena o na le dithaele tse dintle.

O di dirisa go dira tselana mo kgaolong ya tshingwana.

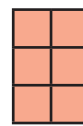
Go na le dikwere tsa dithaele di le 6 tse di lekanang ka bogolo.

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.

$$3 \times 2 = 6$$

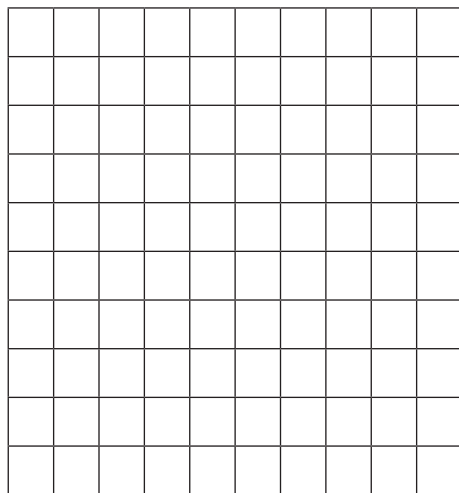
Ke kgona go dira mela e le
3 ka dithaele di le 2 mola
mongwe le mongwe.

$$2 \times 3 = 6$$

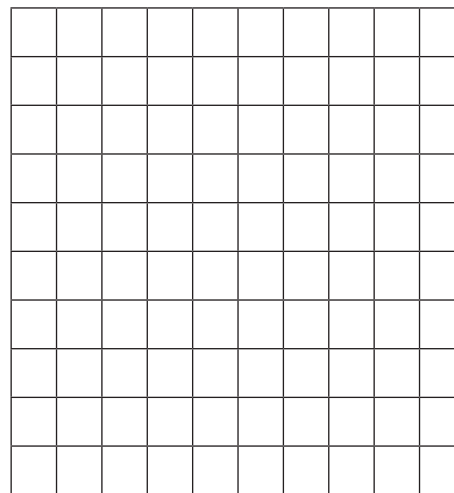
Jaanong ke sebaka ga gago!

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 dipolelo palo 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!

$12 = 2 \times \square$	$3 \times \square = 12$	$9 = \square \times 3$
$6 = 3 \times \square$	$\square \times 3 = 12$	$24 = 3 \times \square$

Teacher:

Sign:

Date:

Ka bo5 go fitlha 500



Itse bo-5 ba gago

Tlatsa dikarabo tsa gago.

	1	2	3	4	5	6	7	8	9	10
× 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 gotlhelele? _____



Bontsha karabo

Tshwaya (✓) dipolelopalo tse di bontshang palogotlhe 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

- a. 85; _____; _____; 70; _____; _____; 55; _____; _____
- b. 240; _____; _____; 255; _____; _____; _____; _____; 280
- c. 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? _____

$$2 \times R5 = \text{R } \boxed{}$$

$$4 \times R5 = \text{R } \boxed{}$$

A o bona dipaterone?

$$3 \times R5 = \text{R } \boxed{}$$

$$6 \times R5 = \text{R } \boxed{}$$



Atisa ka bo5

Sekao: $1 \times 5 = 5$; $11 \times 5 = 55$; $21 \times 5 = 105$

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

1	2	3	4	5	6	7	8	9	10
5	10								
11	12	13	14	15	16	17	18	19	20
55									



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

Leelha:

Go dira ka nako

Go thala dinako

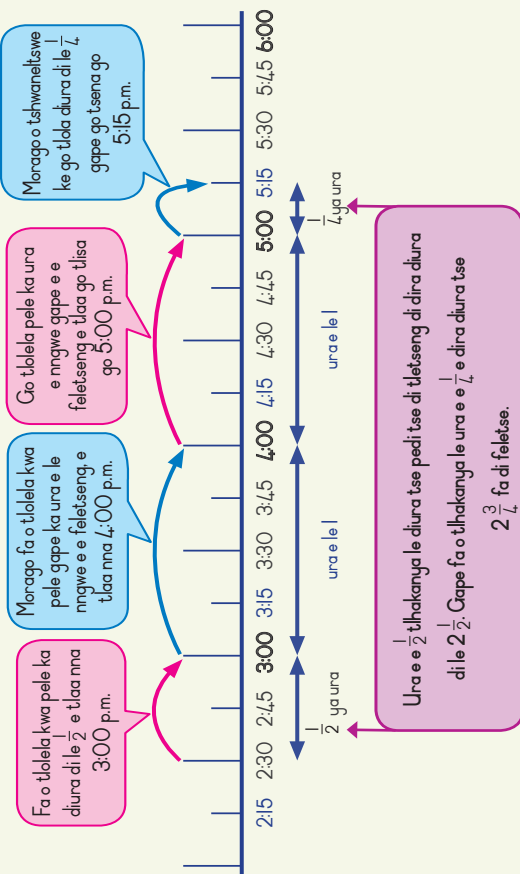
Halofo go feta 5	Kotara go ya go lesomenngwe	Kotara go feta 12	6:15
			4:30



Mathata a nako

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

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



Mathata a nako

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

Netefatsa. Bapisa. Siamisa.

a. Queenie o etela Rraagwe ka 15:45.

O tloga ka 17:15.

O etela lobaka lo lo kae?



b. Musa o ya kwa phakeng ka 10:45.

O tla gae ka 12:30.

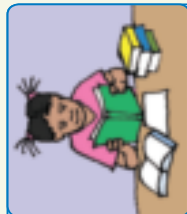
O tsamaila lobaka lo lo kae?



c. Tumi o simolola go ithuta ka 13:15.

O fetsa ka 14:45.

Tumi o ithuta lobaka lo lo kae?



Teacher:

Sign:

Date:

Leelha:

Leleha:

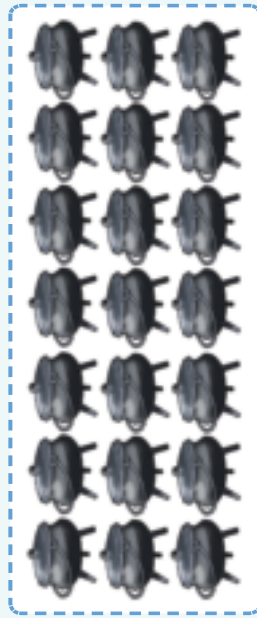
55

Bala ka bo3 le bo4



Dipitsa tsa maoto a 3

Tlhakanya mme o kwale dikarabo



- Ke dipitsa di le kae mo moleng? _____
- Ke maotswana a le makae mo moleng? _____
- Ke mela e le mekae ya dipitsa? _____
- Ke maotswana a le makae go tlhelele? Bontsha gore o e bereka jang.

Tshwaya (✓) Ke dipolepalo dife tse di fa tlase tse di bontshang palogotlhe?

$21 \times 7 = \square$ $3 \times 7 \times 3 = \square$ $3 \times 4 \times 2 = \square$ $21 \times 3 = \square$

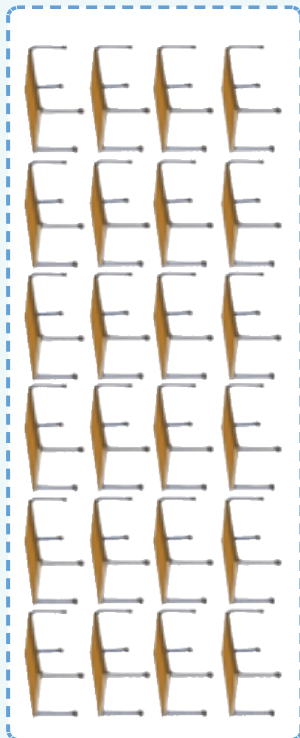


Ke maotswana a le makae?

Akanya ka bonaka.
Akanya sentle

Pitsa 1	3	Maotswana	Dipitsa 10	Maotswana	Dipitsa 5	Maotswana
Pitsa e le 2		Maotswana	Dipitsa 15	Maotswana	Dipitsa 12	Maotswana
Pitsa e le 5		Maotswana	Dipitsa 13	Maotswana	Dipitsa 14	Maotswana

Maotswana a tafole



- Ke ditafole di le kae mo moleng? _____
- Ke maotswana a le makae mo moleng? _____
- Ke mela e le mekae ya ditafole? _____
- Ke maotswana a le makae go tlhelele? Bontsha gore o e bereka jang.



Kwa madirelong

Khapentara e dira ditafole. Sa ntlha o dira maoto.

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

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

Feleletsa keriti ka go tlatsa dikarabo.

	2	3	4	5	8	10	11	12
$\times 3$	6							
$\times 4$	8							

Teacher's

Sign

Date

Bala ka bo50

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



Kobo ya tsholofelo
Thutafatsa bana ba rona

NPO 123-098

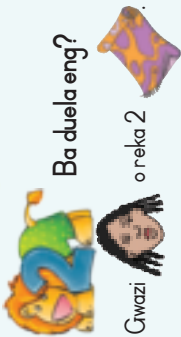


Bana botlhe ba ba mo setshwantshong ba bona kobo.

Go na le bana ba le ba kae? ____

Fopholetsa	Bala	Bapanya
Go na le basimane ba le bakae 😊? ____ Go na le basetsana ba le bakae 😊? ____		

Ba duela eng?



Gwazi o reka 2

O duela

R

Mme Chaane

o reka di le 5

O duela

R

Mabenkele a Thembi



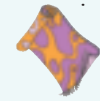
a reka di le 20

Ba duela

R

Neela gona
jaanong!

R20 kobo e
le 1



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 ____	9	ya R50 = R ____

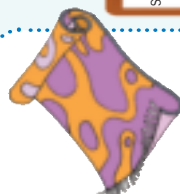
E tlaa tsaya lobaka lo kae? Dirisa khalentara.



Tlasele ya Mophato wa 3 e kokaanya tšhelete go reka dikobo di le 4.

Ba kokaanya R5 ka letsatsi mo seabakeng sa malatsi a le 5 ka beke.

Ba tlhoka dibeke di le kae go kgobokanya madi a dikobo?



Teacher's
Sign: _____
Date: _____

Dipalophatlo: dihalofo le dikotara



Kgaoganyana dikgwete ka go lekana magareng ga mabokoso.

- Go na le dibolo di le kae mo lebokosong lengwe le lengwe? - Go na le dibolo di le kae mo lebokosong le le phepole? - Lebokoso le le phepole ke palophatlo efe?	- Go na le dibolo di le kae mo lebokosong lengwe le lengwe? - Go na le dibolo di le kae mo lebokosong le le phepole? - Lebokoso le le phepole ke palophatlo efe?



Lebelela ditshwantsho mme o arabe dipotso.

O bala didiko di le kae? $\frac{1}{2}$ ya didiko ke eng?	O bala didiko di le kae? $\frac{1}{4}$ ya didiko ke eng? $\frac{2}{4}$ ya didiko ke eng? $\frac{3}{4}$ ya didiko ke eng? $\frac{4}{4}$ ya didiko ke eng?

Khalaria $\frac{1}{2}$ ya sebopego.



Khalaria $\frac{1}{4}$ ya sebopego.

Khalaria $\frac{1}{4}$ ya sebopego.

Khalaria $\frac{3}{4}$ ya sebopego.



Lebelela diterepe tsa dipalophatlo.

Palotlalo e le 1			
$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

a. Ke diripa kana dihalofo ($\frac{1}{2}$) di le kae tse di tlaa dirang palogotlhe?

Ke dikotara ($\frac{1}{4}$) di le kae tse di tlaa dirang palogotlhe?

Ke dikotara ($\frac{1}{4}$) di le kae tse di tlaa dirang halofo e le nngwe?

b. Lebelela ditshwantsho mme o kwale palophatlo ya karolo e fifaditsweng.



c. Ke palophatlo efe e kgolwane go na le $\frac{2}{4}$ kgotsa $\frac{1}{4}$?



Kgaoganya dikhene (disilintara) ka go lekana magareng ga mabokoso.



$\frac{5}{6}$ ya didiko ke eng?

٥

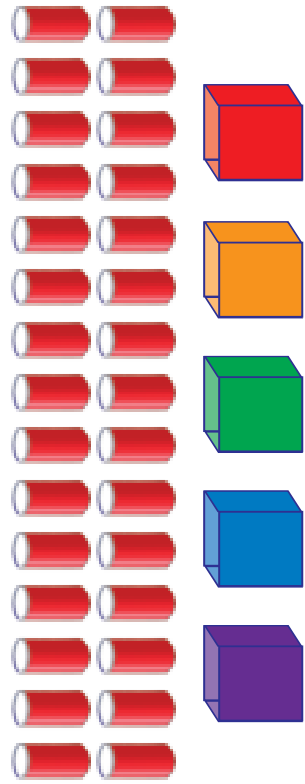
- Go na le dhalofo di le ____ mo patlolong.
- Go na le nngwehtharong di le ____ mo patlolong.
- Go na le nngwehtharong di le ____ mo patlolong.
- Go na le nngwehtharong di le ____ mo hlogong.
- Go na le nngwehtharong di le ____ mo nngwehtharong.

- Bont'sha halofo e le nngwe mo ruleng. E lekana le ____ cm
- Bont'sha nngwetharong e le nngwe mo ruleng. E lekana le ____ cm
- Bont'sha nngwethatarong e le nngwe mo ruleng. E lekana le ____ cm

Teacher:
Sign:
Date:

Dipalophatlo: nngwelhanong

Kgaoganya dikhene go ya ka mabokoso.



- Mo go $\frac{1}{5}$ ya mabokoso go na le dikhene di le 6 .
- 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 .



Lebelela setshwantsho mme orabe dipotso.



Go na le ditshokolete di le kae mo lebokosong?

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

• Letsatsi lengwe ke jela $\frac{1}{5}$ ya ditshokolete. Go setse ditshokolete di le kae?

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



Khalara $\frac{1}{5}$ ya didirisiwa tsa go lekanyetisa.

a.



Lebelela deterepe tsa palophatlo mme o arabe dipotso.

Palotlalo e le 1				
$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

Sekelatsa kgolwane kgotsa nnyanenyana

- $\frac{1}{2}$ e kgolwane go na le /nnyanenyane go na le $\frac{1}{4}$.
- $\frac{1}{3}$ e kgolwane go na le /nnyanenyane go na le $\frac{1}{2}$.
- $\frac{1}{5}$ e kgolwane go na le /nnyanenyane go na le $\frac{1}{6}$.
- $\frac{1}{7}$ e kgolwane go na le /nnyanenyane go na le $\frac{1}{3}$.
- $\frac{3}{6}$ e kgolwane go na le /nnyanenyane go na le $\frac{2}{5}$.



Teacher: _____
Sign: _____
Date: _____

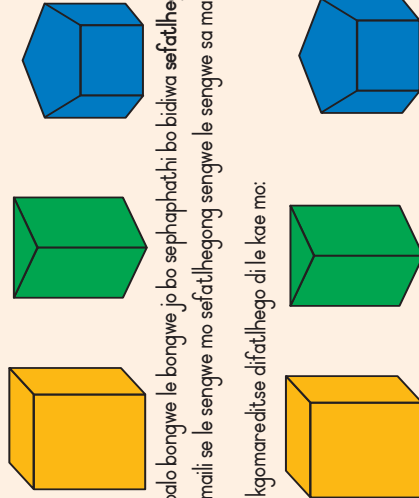
Leleha:

Dilwana tsa matlhakoremararo (3D)

Bala mabokoso (diporisimo). Bala dibolo (didiko). Bala disilintara. 

Tsotlhe tse ke mabokoso

Dirisa dipapetlana tse di segeletsweng tsa 3 le 4 go di dira.



Bodlo bongwe le bongwe jo bo sephaphathi bo bidwa sefatlhego. Kgamaratse semali se le sengwe mo sefatlhegong sengwe le sengwe sa mabokoso.

O kgamaratse difatlhego di le kae mo:

 khube porisimo porisimoA difatlhego tsa porisimo di sephaphathi kgotsa di tseheletsatse?

Jaamong dira silintara go tswa mo dipapetlaneng tse di segeletsweng tsa 4.

A difatlhego tsa silintara di sephaphathi kgotsa di tseheletsatse?

Dirisa dilwana tsa gago go aga tse di latelang

Tlhlosa maemo a silintara o dirisa mafoko

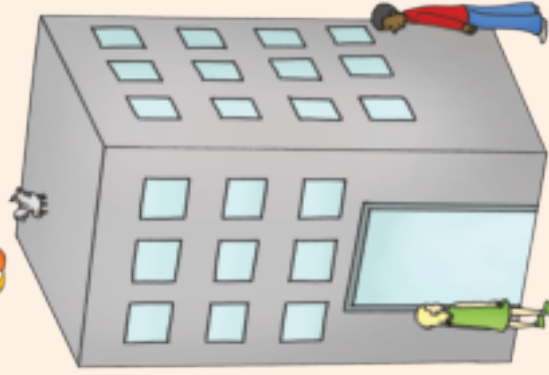
Fa thoko

Fa pele

Kwa godimo



Dirisa mafoko a fa tlase go feleletsa dipolelo.



Masetšana o lebelela _____ ga kago.

Manna o lebelela _____ ga kago.

Nonyane e lebelela _____ ga kago.

letlhakore

kwa pele

kwa godimo

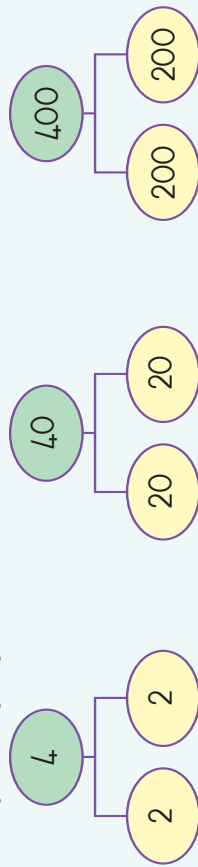


Leah:

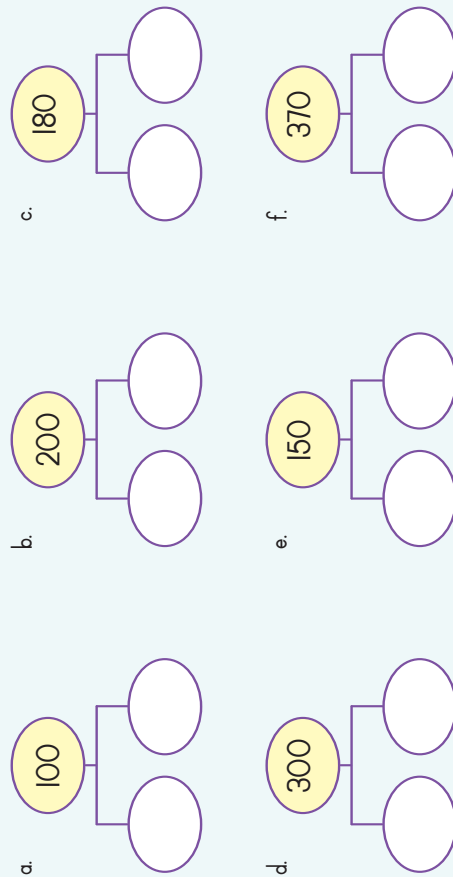
Go ntsifatsa gabedi le go hafola

A o a gakologelwa? 2 ke halofo ya 4 4 ke 2 gabedi
20 ke halofo ya 40 40 ke 20 gabedi
200 ke halofo ya 400 400 ke 200 gabedi

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

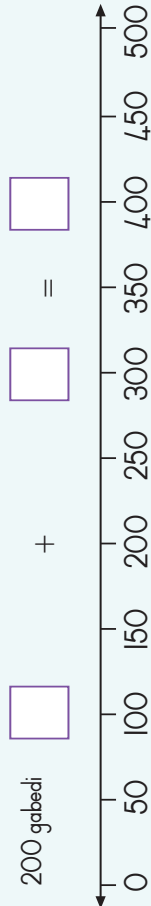
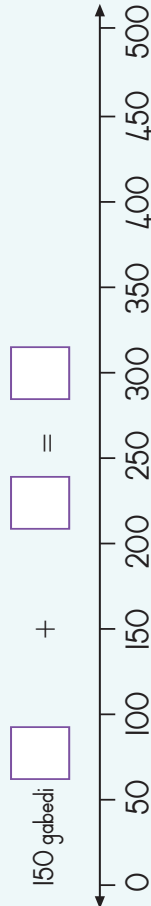
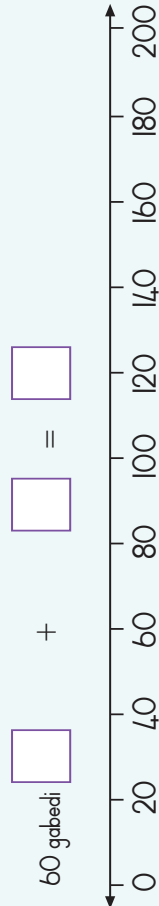
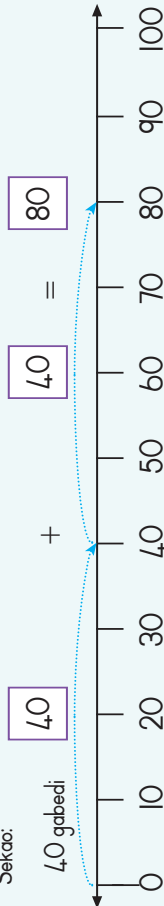


Go batla dihalofo kana diripa



Ntsifatsa gabedi o dirisa molapalo. O diretswe sekao sa ntlha.

Sekao:



Feleletsa tse di latelang



Feleletsa tse di latelang

a. 100 gabedi	200
b. 150 gabedi	
c. 120 gabedi	
d. 200 gabedi	
e. 170 gabedi	

a. Hafola 220	110
b. Hafola 180	
c. Hafola 260	
d. Hafola 60	
e. Hafola 320	



Grabedi le halofo gape

Batla sebedi kgotsa dihalofo

a. b. c. d. e. f. g. h. i. j. k. l. m. n. o. p. q. r. s. t. u. v. w. x. y. z. aa. ab. ac. ad. ae. af. ag. ah. ai. aj. ak. al. am. an. ao. ap. aq. ar. as. at. au. av. aw. ax. ay. az. ba. bb. bc. bd. be. bf. bg. bh. bi. bj. bk. bl. bm. bn. bo. bp. bq. br. bs. bt. bu. bv. bw. bx. by. bz. ca. cb. cc. cd. ce. cf. cg. ch. ci. cj. ck. cl. cm. cn. co. cp. cq. cr. cs. ct. cu. cv. cw. cx. cy. cz. da. db. dc. dd. de. df. dg. dh. di. dj. dk. dl. dm. dn. do. dp. dq. dr. ds. dt. du. dv. dw. dx. dy. dz. ea. eb. ec. ed. ee. ef. eg. eh. ei. ej. ek. el. em. en. eo. ep. eq. er. es. et. eu. ev. ew. ex. ey. ez. fa. fb. fc. fd. fe. ff. fg. fh. fi. fj. fk. fl. fm. fn. fo. fp. fq. fr. fs. ft. fu. fv. fw. fx. fy. fz. ga. gb. gc. gd. ge. gf. gg. gh. gi. gj. gk. gl. gm. gn. go. gp. gq. gr. gs. gt. gu. gv. gw. gx. gy. gz. ha. hb. hc. hd. he. hf. hg. hh. hi. hj. hk. hl. hm. hn. ho. hp. hq. hr. hs. ht. hu. hv. hw. hx. hy. hz. ia. ib. ic. id. ie. if. ig. ih. ii. ij. ik. il. im. in. io. ip. iq. ir. is. it. iu. iv. iw. ix. iy. iz. ja. jb. jc. jd. je. jf. jg. jh. ji. jj. jk. jl. jm. jn. jo. jp. jq. jr. js. jt. ju. jv. jw. jx. jy. jz. ka. kb. kc. kd. ke. kf. kg. kh. ki. kj. kk. kl. km. kn. ko. kp. kq. kr. ks. kt. ku. kv. kw. kx. ky. kz. la. lb. lc. ld. le. lf. lg. lh. li. lj. lk. ll. lm. ln. lo. lp. lq. lr. ls. lt. lu. lv. lw. lx. ly. lz. ma. mb. mc. md. me. mf. mg. mh. mi. mj. mk. ml. mm. mn. mo. mp. mq. mr. ms. mt. mu. mv. mw. mx. my. mz. na. nb. nc. nd. ne. nf. ng. nh. ni. nj. nk. nl. nm. nn. no. np. nq. nr. ns. nt. nu. nv. nw. nx. ny. nz. oa. ob. oc. od. oe. of. og. oh. oi. oj. ok. ol. om. on. oo. op.

Baya ka ditlhopha o bo o kopanya



Baya bana ka ditlhopha

Mme Nddaba o batla go kgaoganya tlelase ka ditlhopha tse di lekanang tebang le metshameko ya kwa ntle. Lwa ntsha o ba baug go ya ka ditlhopha tsa L.



a. Ke bana ba le bakae mo setlhopheng?

b. O dira ditlhopha di le kae?

c. Bontsha mekgwa yotlhe e ba ka kgaogangwang ka ditlhopha tse di lekaneng ka yona.

Netefatsa. Bapisa.
Siamisa.

Leitho:



Ke diaparo di le kae?



Phindi o na le dihemphe di le 5 tsa mebala le marokgwe a makhutshwane a le 5 a mebala. Ke diaparo di le kae tse di farologaneng tse a ka di dirang a dirisa tlhakantsuke ya mebala e e farologaneng?

Sekao: Hempe e botala jwa legodimo/borokgwe bo bokhutshwane jo bo botala jwa legodimo.
Hempe e botala jwa legodimo/borokgwe ba mmala wa namune

Kwala tlhaka ya ntsha ya mmala o mongwe le o mongwe. Bontsha kgonagalo ya diaparo tse dingwe tsothle.

Bonelopele: Go tlaa nna jang fa Phindi a na le mebala e le 6 e e farologaneng ya dihemphe le marokgwe a makhutshwane.

Ke diaparo di le kae tse a ka di dirang?

Netefatsa. Bapisa.
Siamisa.



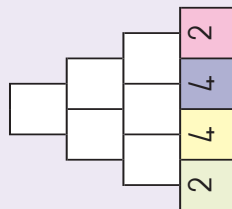
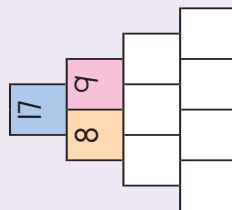
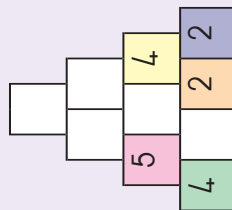
Boithabiso jwa Matesisi



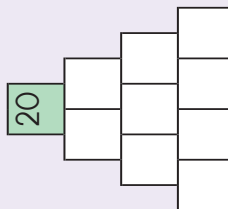
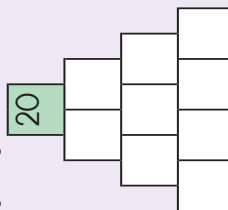
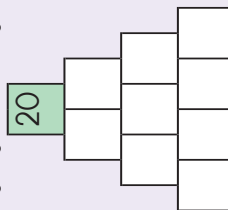
Lebelela molawana

Dirisa molawana go batla dipalo tse di tlogetsweng.

Jaanan dira tse.



Agela go 20 ka mekgwa e 3 e farologaneng.



Kgwetlho

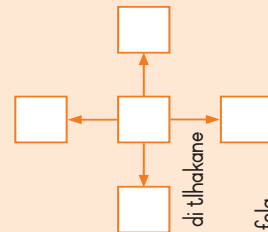


Akanyafela

Dirisa 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 di mo moleng mongwe le mongwe di tshwanetse go tlhakana go bopa 10.

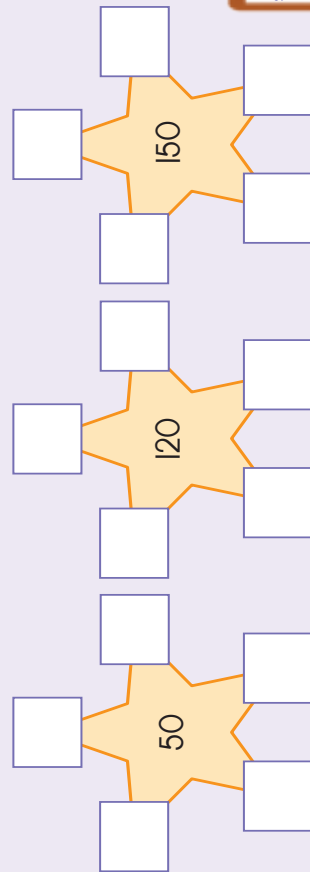
2	5	3	6
			2
		2	

b. Molawana: Dipalo tse 3, go gabaganya mela le go ya kwa tlase le dikholomo, di tlhakana go naya palogatlhe e e tshwanang.

2	7	6
9		1
	3	8

23	28	21
12		26
		10

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



1	1	0	1	0	0
2	2	0	2	0	0
3	3	0	3	0	0
4	4	0	4	0	0
5	5	0	5	0	0
6	6	0	6	0	0
7	7	0	7	0	0
8	8	0	8	0	0
9	9	0	9	0	0

1	0	0	1	0	1
2	0	0	2	0	2
3	0	0	3	0	3
4	0	0	4	0	4
5	0	0	5	0	5
6	0	0	6	0	6
7	0	0	7	0	7
8	0	0	8	0	8
9	0	0	9	0	9

