

Ithute 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 tlhalosa 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 itlhophetseng ka kgololosego, re amogela Molaotheo o jaaka Molaomogolo wa Rephaboliki gore re—

- alafe dikgogakgogano 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 ditshwanelo tsa gago jaaka Moafrika borwa mme o tseye maikarabelo a gago a go si reletsa ditshwanelo tsa batho ba bangwe.	Itse Molaotlhomo wa Ditshwanelo & Molaotlhomo wa Maikarabelo.

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

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GRADE 3 – BOOK 1
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E tlhabolotswe e bile e tsamaelana le CAPS



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Mophato 3

Buka I

Kgweditharo 1 & 2

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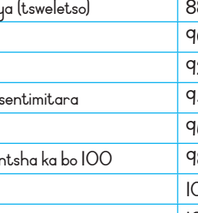
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Basic Education
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Mme Angie Motsheka,
Tonakgolo ya Thutotheo



Rre Enver Surty,
Motlatsatonakgolo ya Thutotheo

Dibukatiro tse di kwaletswe barutwana ba Afrika Borwa ka fa tlase ga boeteledipele jwa ga Tonakgolo ya Lefapha la Thutotheo, Mme Angie Motshekga le Motlatsatonakgolo ya Lefapha la Thutotheo, Rre Enver Surty.

Dibukatiro tsa Rainbow ke karolo ya maiteko a mangwe a Lefapha la Thutotheo a a ikaeletsweng go tokafatsa bokgoni jwa barutwana kgotsa baithuti ba Afrika Borwa mo mephatong e merataro ya ntlha. Jaaka e le sengwe sa dilo tse di kwa godimo mo Lenaneotirong la Mmuso, porojeke e e etleediwa ke Letlotlo la Semmuso. Se se kgontshitse Lefapha go kwala dibukatiro tse ka dipuo tsotlhe tsa semmuso, mme ga di duelelwe.

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.

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

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Mophato 3

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Matesi

KA SETSWANA

Buka e, ke ya ga:

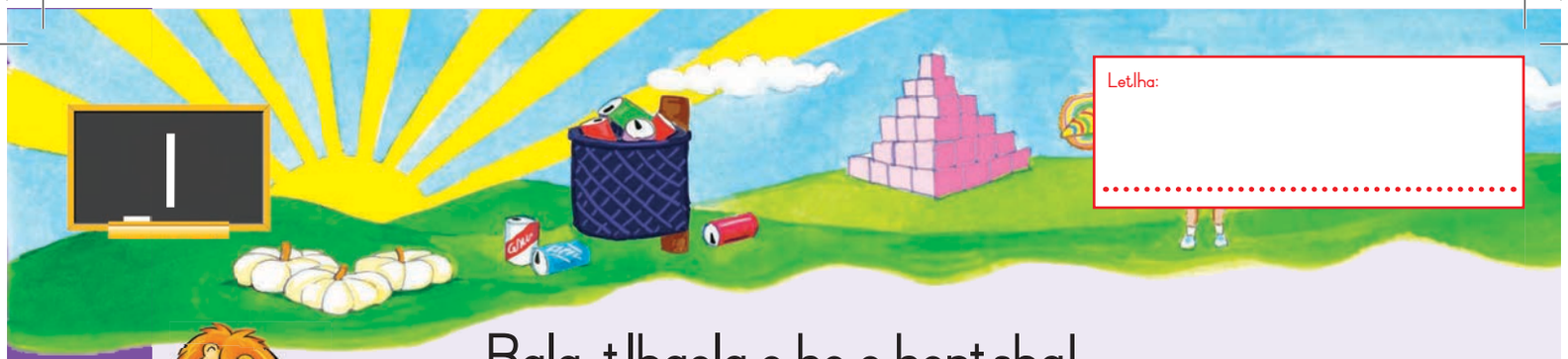
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SETSWANA

Buka 1

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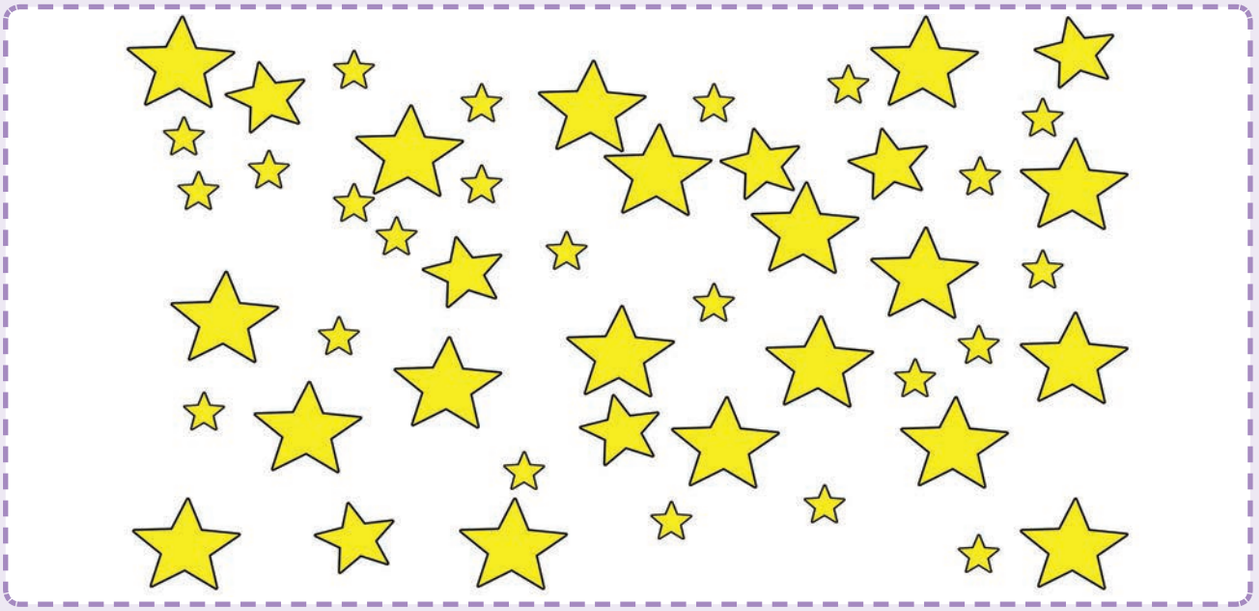
Letlha:



Bala, tlhaola o bo o bontsha!

Ke dinaledi di le kae?

Bapanya dikarabo.



Fopholetsa gore ke dinaledi di le kae. _____

Jaanong di bale. _____



Batla mofenyi!

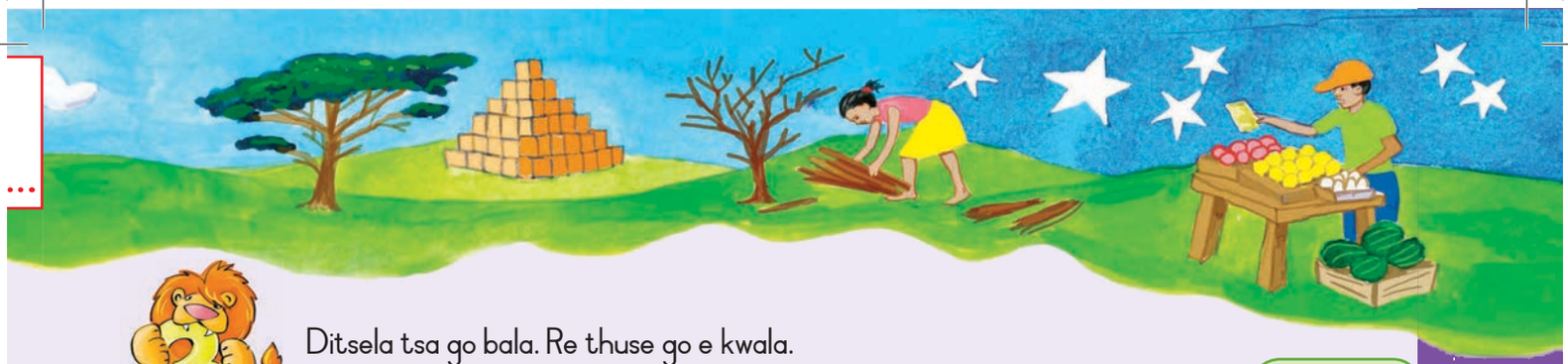
Ke mang yo o fopholeditseng sentle?

Tlatsa maina a lona le dikarabo mo lenaneong le.

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

1 2 3 4 5 6 7 8 9 10

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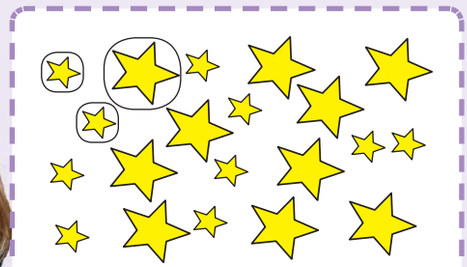




Ditsela tsa go bala. Re thuse go e kwala.



Ke badile
1 ka 1.



1, 2, 3, _____

_____



2, _____

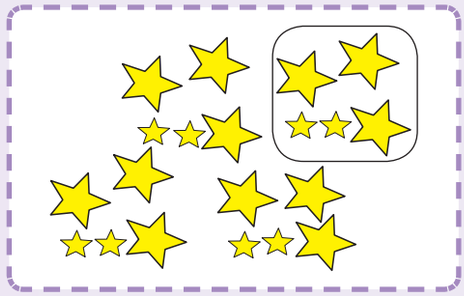
_____



Ke badile
ka bo2.



Ke badile
ka bo5.



5, _____

_____



_____

_____



Morago
ka bo10.



Kwala dipolelopalo

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

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 *kgotsa* jaana




+ = _____




+ = _____

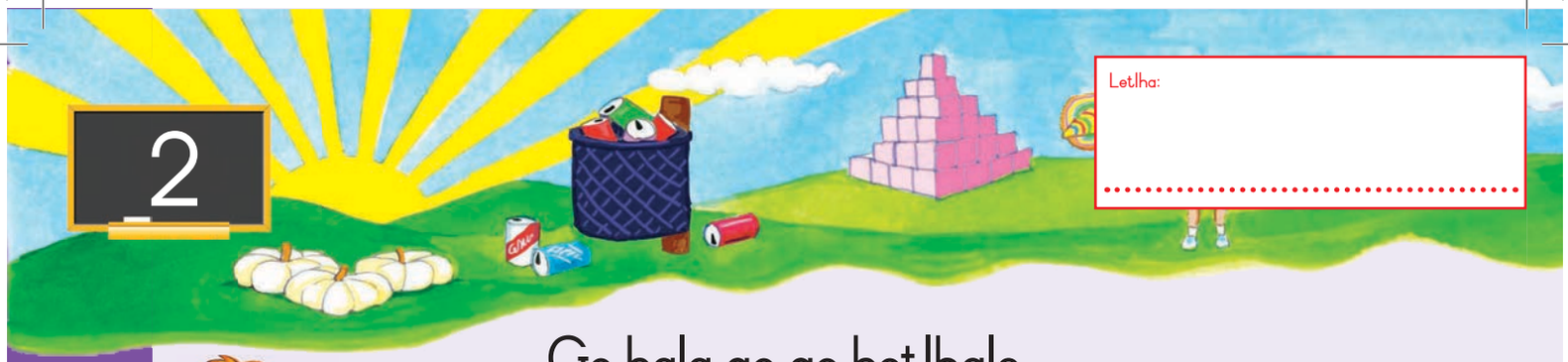
le jaaka polelopalo.

_____ + _____ = _____ *kgotsa* _____ + _____ = _____



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2

Letlha:

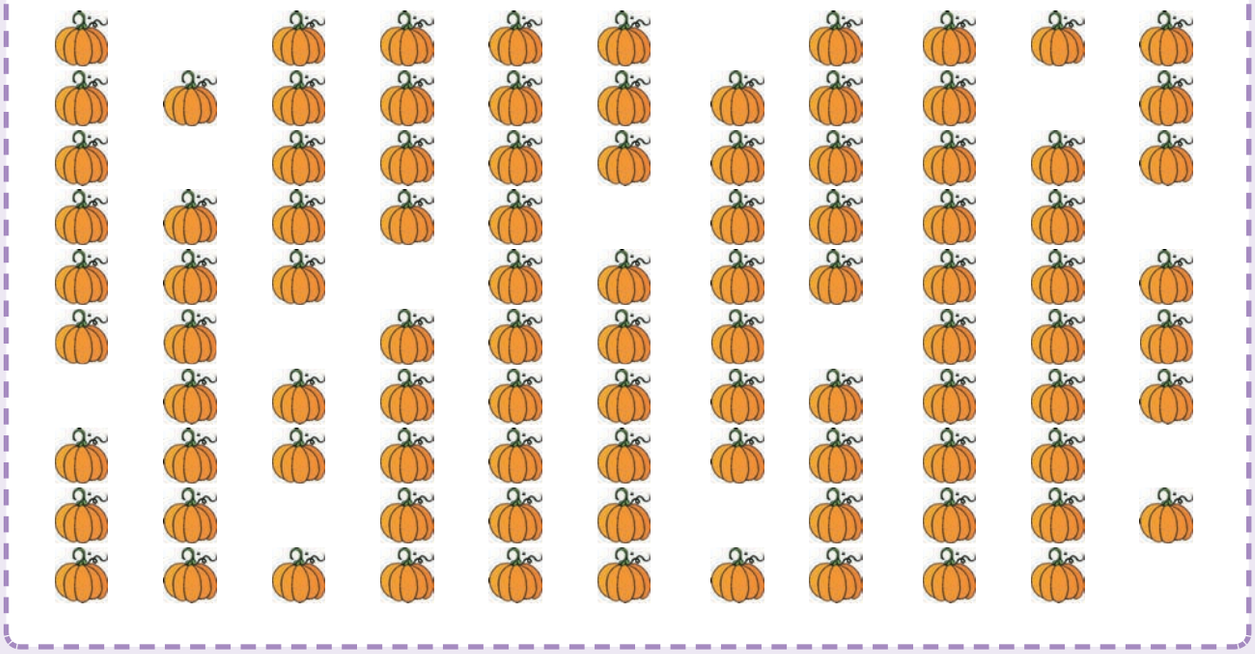
Kgwedi tharo I

Go bala go go botlhale



Bala maphutshe

Batla tsela e e bonolo ya go a bala!



Karabo:_____





Go paka maphutshe

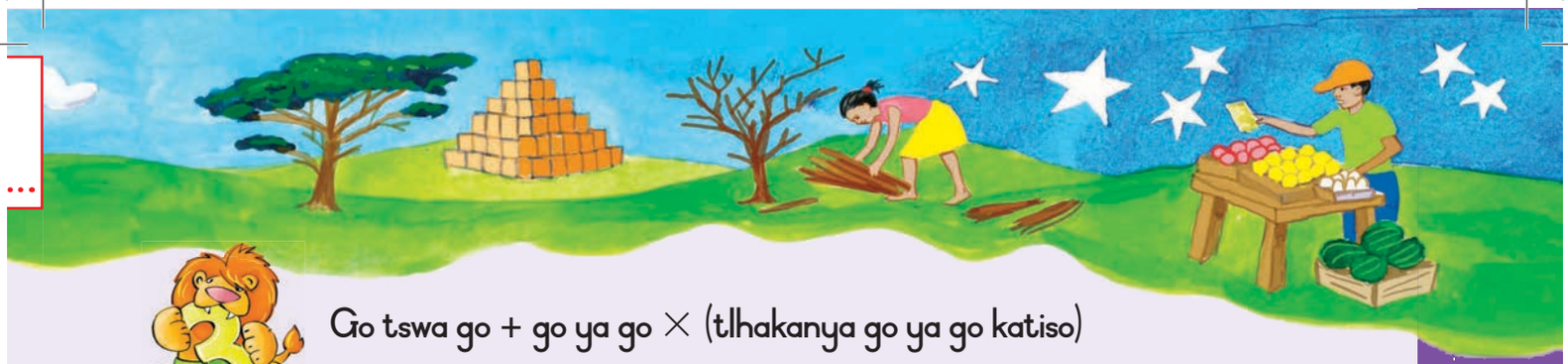
Maphutshe a le lesome a tsena mo kgetseng e le nngwe.

O kgona go tlasa dikgetse di le kae ka maphutshe? _____

Ke maphutshe a le makae go feta? _____

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

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

Feleletsa dipolelopalo.

Sekao:
10 + 10 + 10 + 10 = 40 ⟹ 4 setlhopha sa 10 = 40 ⟹ 4 × 10 = 40



a. 10 + 10 + 10 = _____

_____ ditlhopha tsa 10 = _____ ⟹ _____ × _____ = _____



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

_____ ditlhopha tsa 10 = _____ ⟹ _____ × _____ = _____

Diatla le menwana



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

Kwala karabo ya gago ka ditsela di le 2.

_____ ditlhopha tsa 10 = _____ le _____ x 10 _____

Teacher:
Sign:
Date:

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3a

Letlha:

Dipalo tse di mo keriting



Dipalo tse di buang

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

I	2	3	4	5	6		8	9	10
II									
						27			
			34						40
41									
				55					
		63							
71									
					86				
			94						100



a. Kwala nomore e e tlhaelang mo bolokong bo bongwe le bo bongwe jo bo botala jwa legodimo.

b. Kwala dinomore tse dingwe.

c. Dipalo tse di serolwana ke dipalo tsa mofuta mang?



Kwala dipalo ka mafoko

90	masomearobongwe	41	
77		56	
14		65	

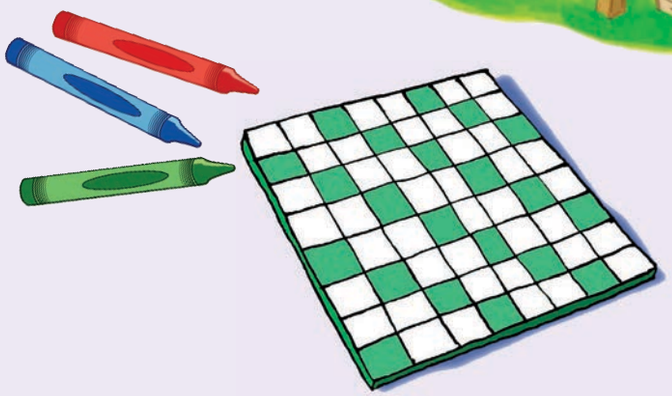
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Go bala le go khalara

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.

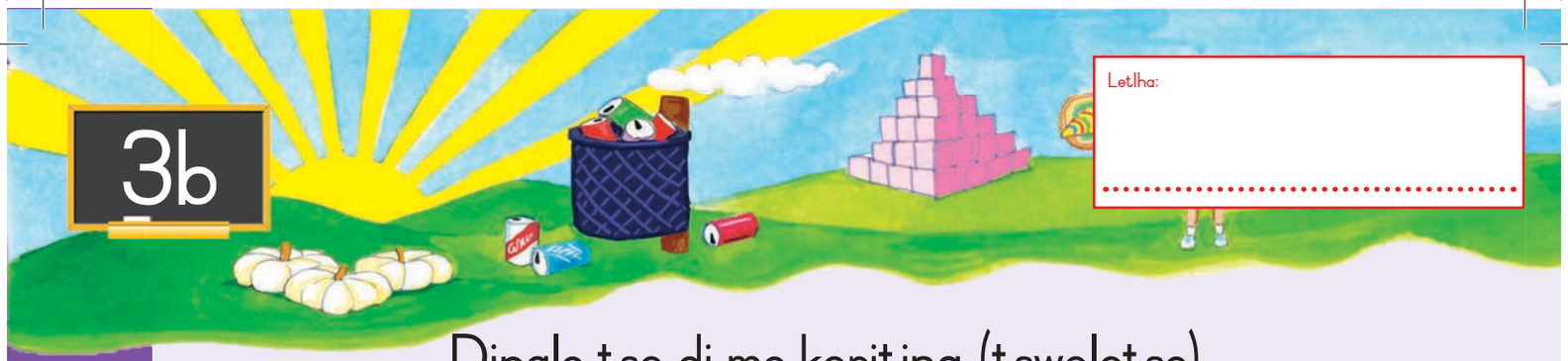
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3b

Letlha:

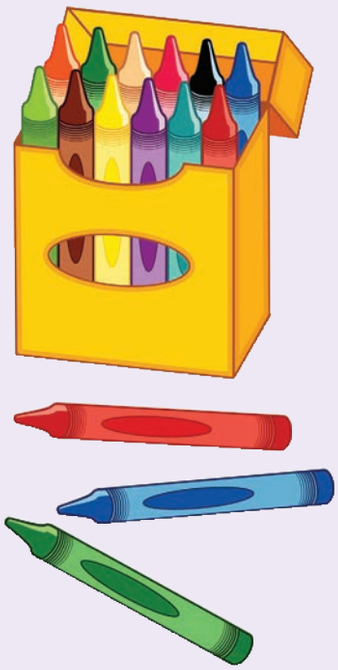
Kgwedi tharo I

Dipalo tse di mo keriting (tsweletso)



Batla dipaterone

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



Tshwaya bo10 botlhe.	Tshwaya bo5 botlhe.	Tshwaya bo2 botlhe.

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

_____

_____

_____

_____

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Go bala diphethene kana dipaterone

Tlatsa dinomore tse di tlogetsweng.

0; 10; 20; _____; _____; 50; _____; _____; 80; _____; 100; _____;

_____; 130; _____; _____; 160; _____; _____; _____; 200

0; 5; 10; _____; _____; 25;_____; _____; 40; _____; 50; 55; _____;

_____; 70; _____; _____; 85; _____; _____; 100

0; 2; 4; 6; _____; _____; 12; _____; _____; 18; _____; 22; 24; _____;

_____; 30; _____; _____; 36; 38; _____; _____; _____; 46; _____;

0; _____; 8; _____; 16; 20; _____; 28; _____; 36; _____; _____; _____;

52; _____; _____; 64; _____; 72; _____; 80

0; _____; 10; _____; 20; _____;30; _____; 40; _____; _____; 55;

60; _____; 70; 75; _____; 85; _____; _____; 100

0; 3; _____; 9; _____; 15; 18; _____; 24; _____; _____; 33; _____; 39;

_____; 45; _____; _____; 54; 57; _____; 63; _____; _____; 72; 75

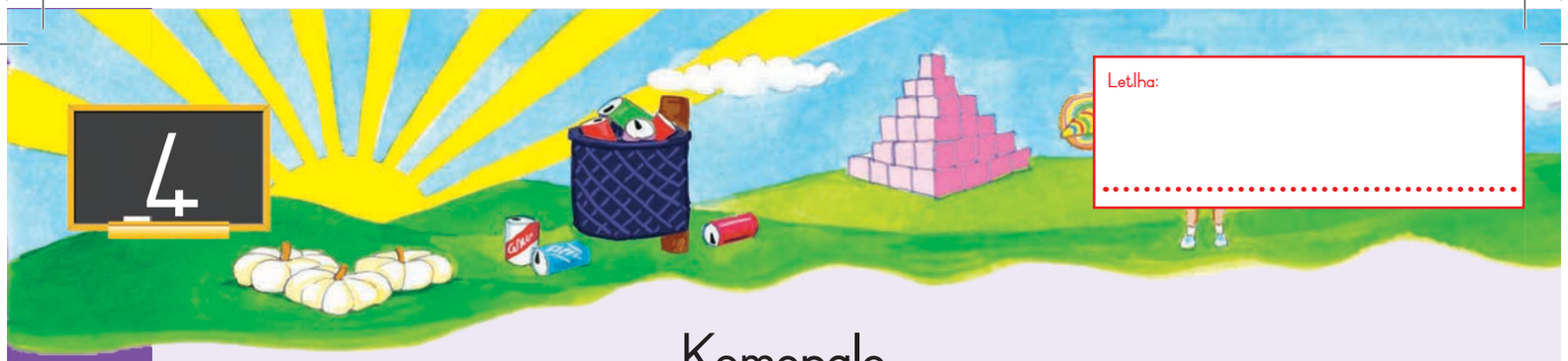
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Kemopalo



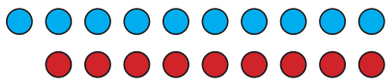
Go bontsha dipalo tsa gago

Sega dikaratapalo go tswa mo Papetlaneng ya Tse-di-segeletsweng ya 1.
Dirisa dikarata go aga dipalo tse.

19 43 69 54 35 10 9

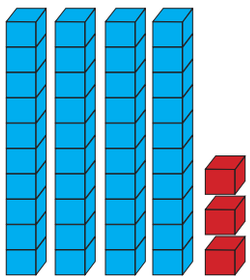


19



10 9 = 19

43



10 10 10 10 3 = 40 + 3 = 43

Jaanong itirele yona mabapi le dipalo tse, o dirisa Tse-di-segeletsweng 1.

54

35

69

1 2 3 4 5 6 7 8 9 10

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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			



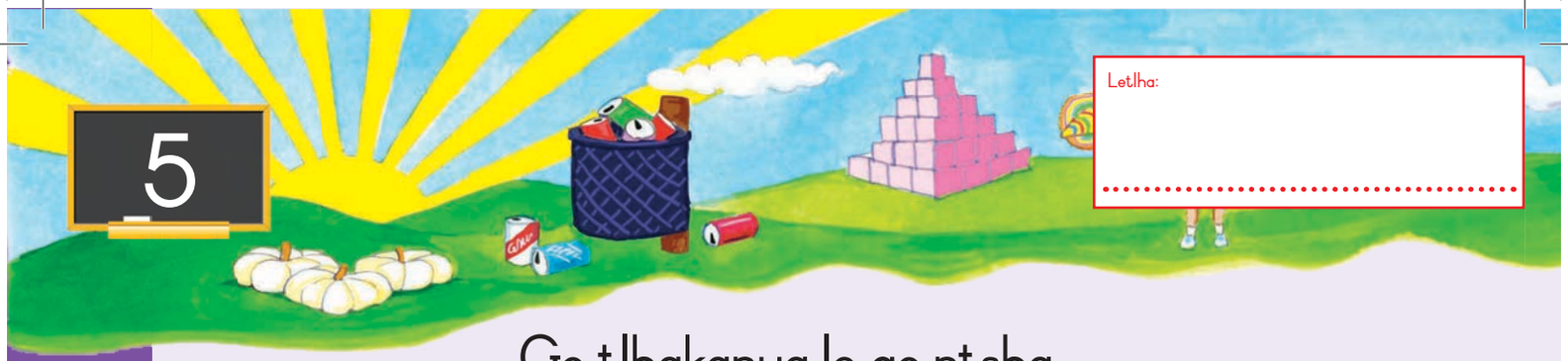
Kwala dipalo tsa ntlha tse tlhano, mo theiboleng, go ya ka tatelano go tloga ka e nnyennye go fitlha ka e kgolokgolo.

_____; _____; _____; _____; _____



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5

Letlha:

Kgwedi tharo I

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 = ☐	11 + 6 = ☐	14 – 9 = ☐	14 – 8 = ☐
11 + 5 = ☐	17 + 2 = ☐	19 – 7 = ☐	14 – 5 = ☐
12 + 6 = ☐	3 + 13 = ☐	16 – 5 = ☐	16 – 13 = ☐
17 + 2 = ☐	4 + 15 = ☐	15 – 10 = ☐	19 – 7 = ☐



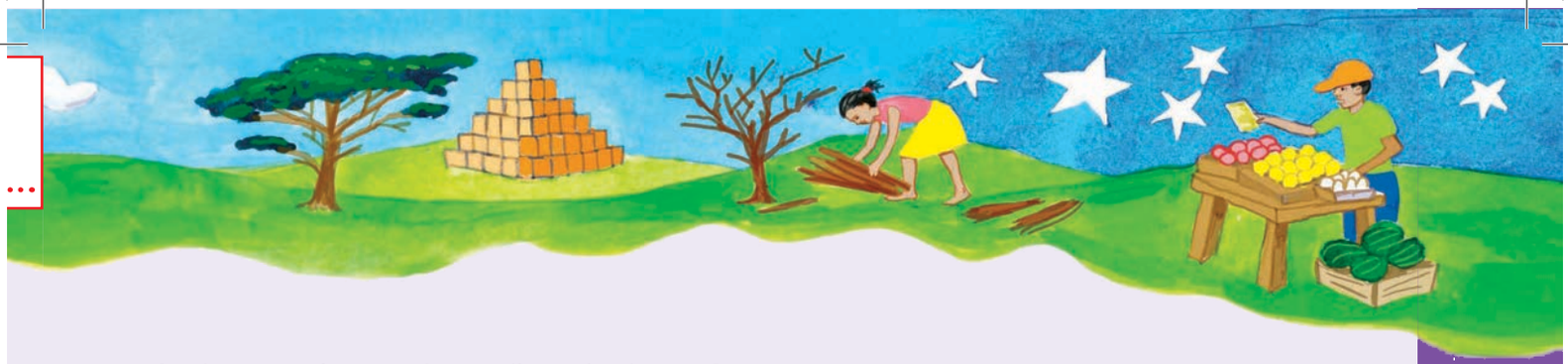
5 9 14

Dikao tsa lelapa le la dipalo ke tse.

9 + 5 = 14	5 + 9 = 14
14 – 9 = 5	14 – 5 = 9

1 2 3 4 5 6 7 8 9 10

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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			

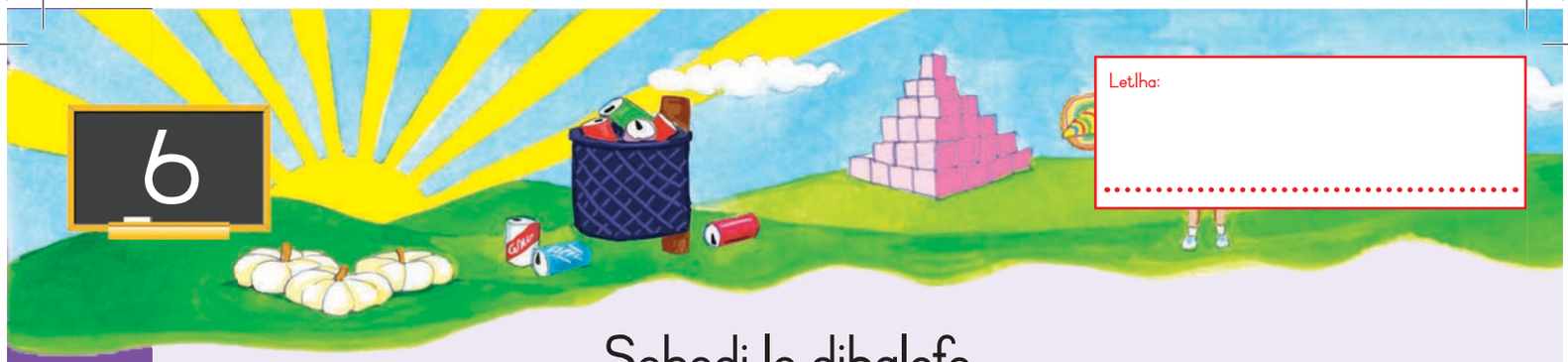
Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

SET NUM G3 B1 9781431500116.indb 13 2014/05/05 2:57 PM

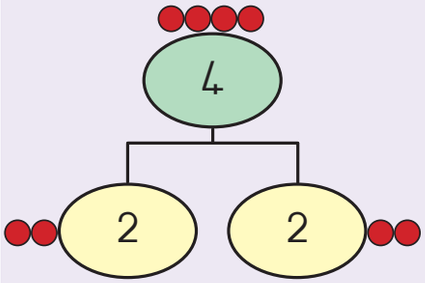


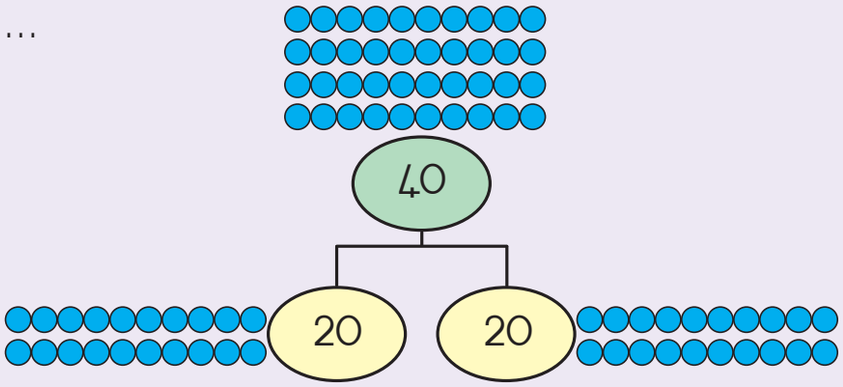
Sebedi le dihalofo

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 ...

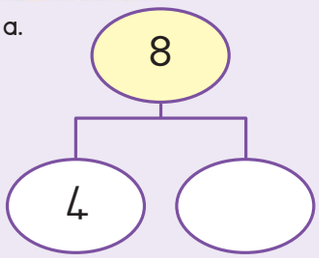




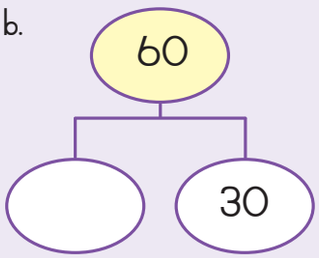


Go batla sebedi kgotsa dihalofo

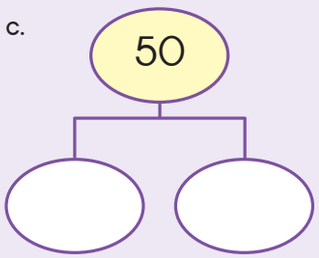
a.



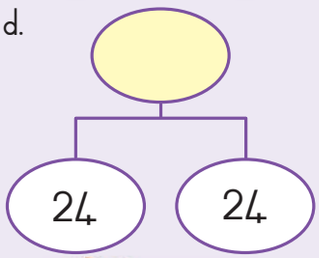
b.



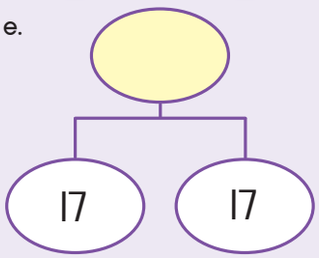
c.



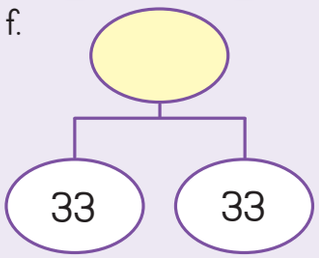
d.



e.



f.





Kgwetlho

Batla halofo e le nngwe ya 3.

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

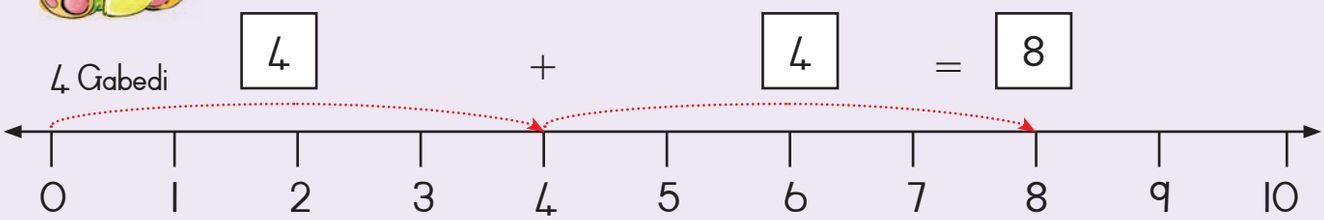
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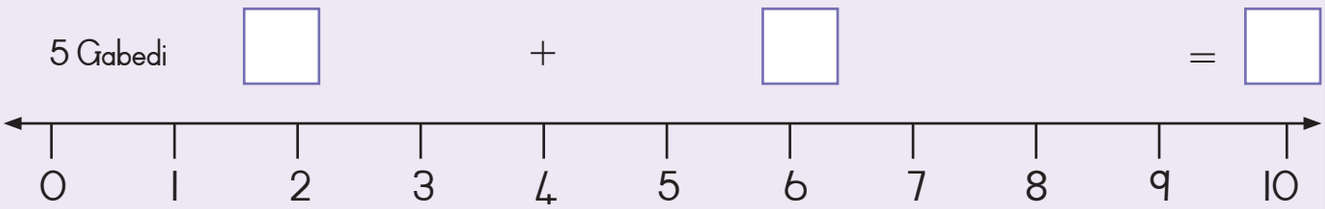


Ntsifatsa palo gabedi o dirisa molapalo.
O filwe sekao sa ntlha.

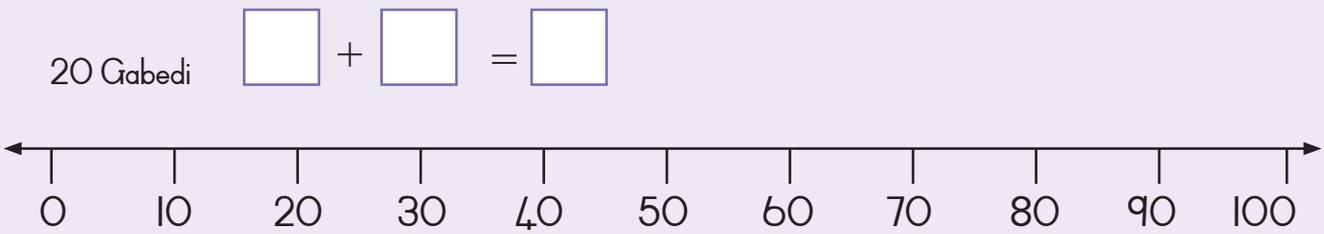
4 Gabedi



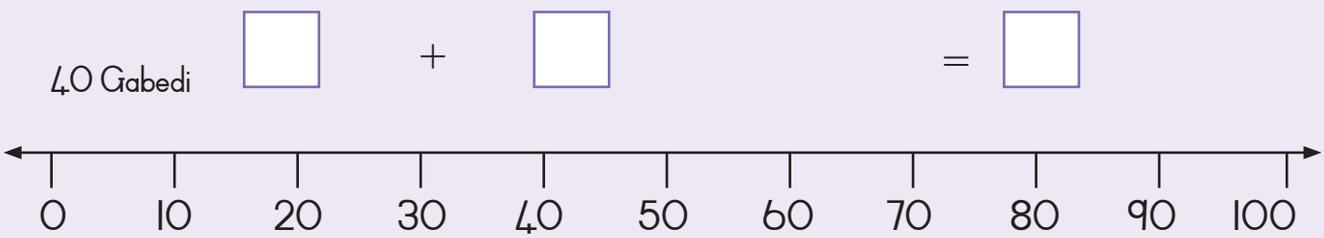
5 Gabedi



20 Gabedi



40 Gabedi





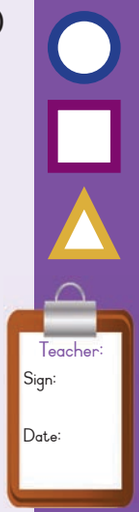
Feleletsa tse di latelang

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



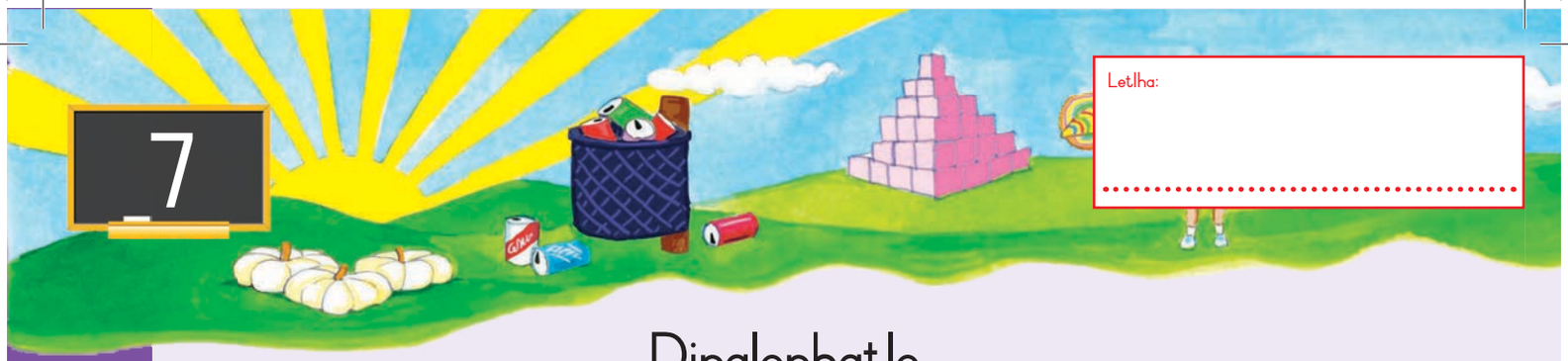
Feleletsa tse di latelang

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	



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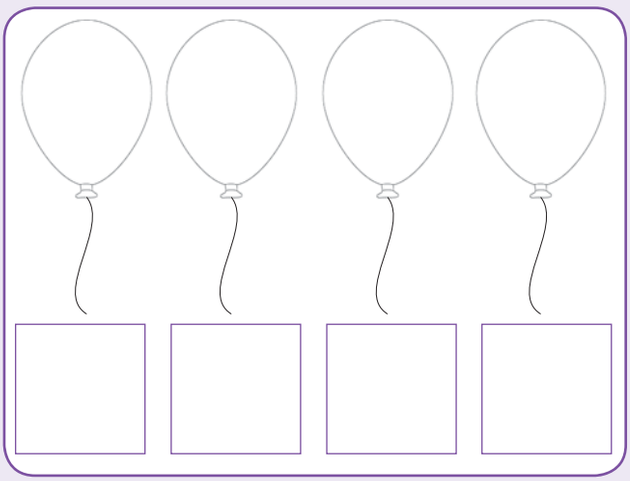
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Dipalophatlo

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

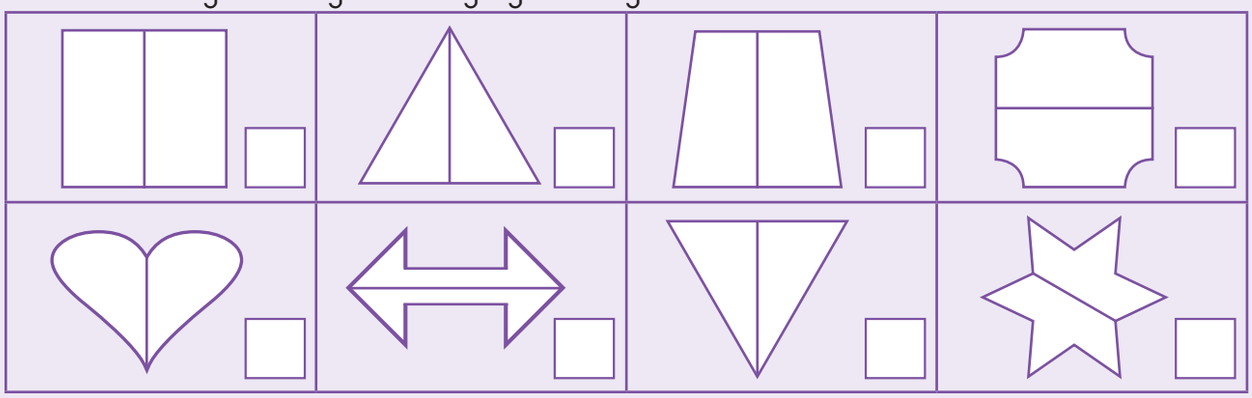
Khalara halofo e le lengwe ya lebokoso le lehibidu.





Lebelela dibopego. Tshwaya dibopego tse di bontshang dihalofo.

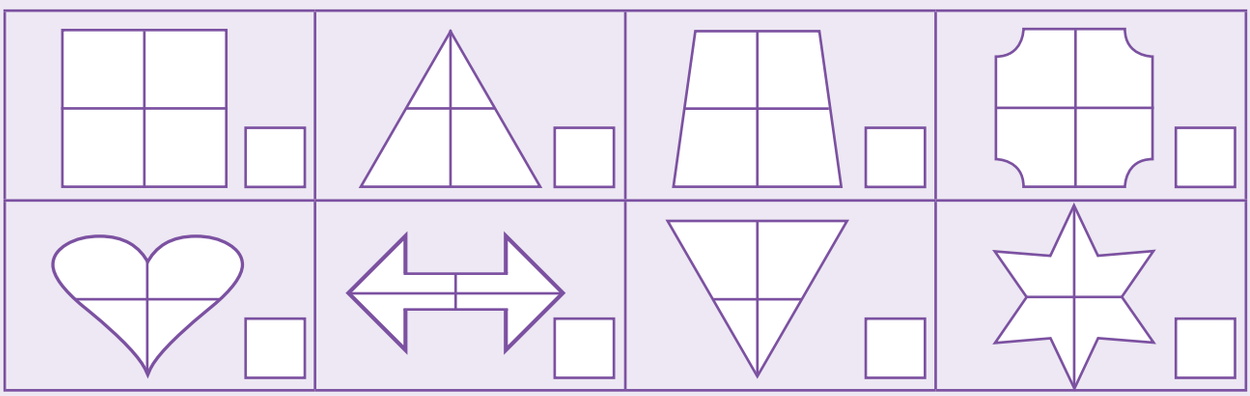
Khalara halofo e le nngwe ya sebopego sengwe le sengwe se se kgaogantsweng ka dihalofo.



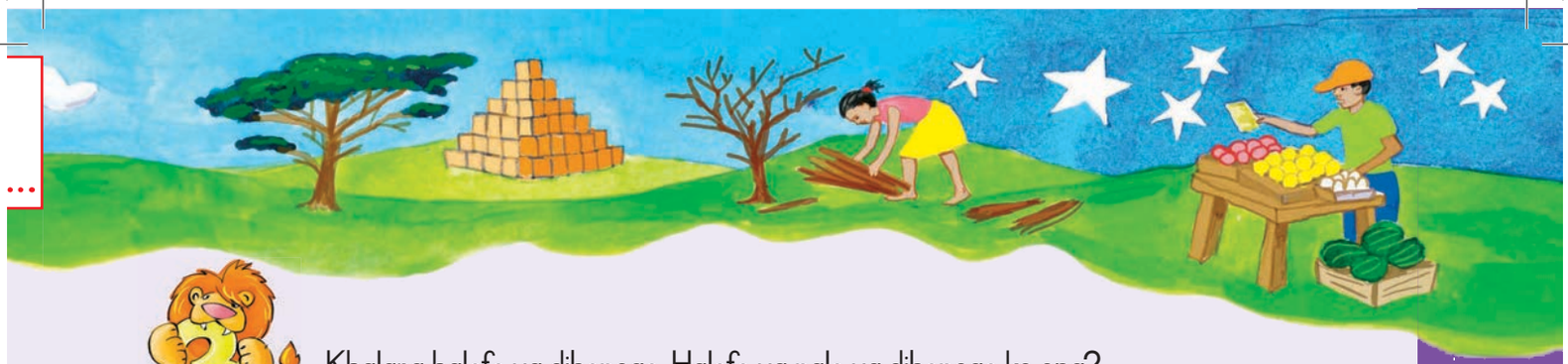


Lebelela dibopego. Tshwaya dibopego tse di bontshang dikotara.

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

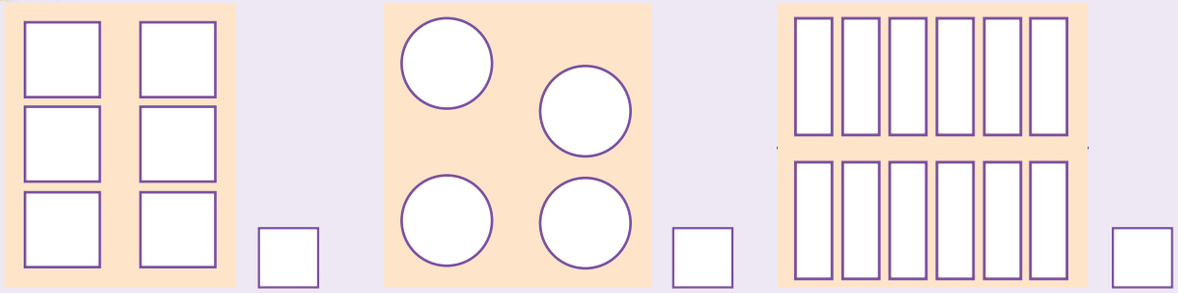


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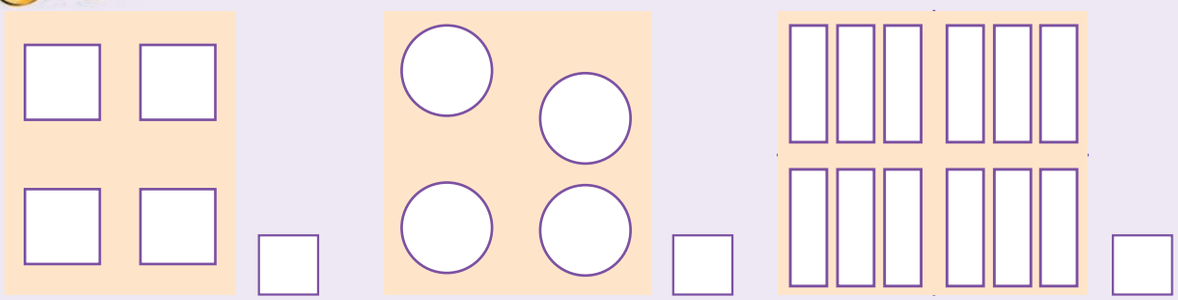


Khalara halofo ya dibopego. Halofo ya palo ya dibopego ke eng?





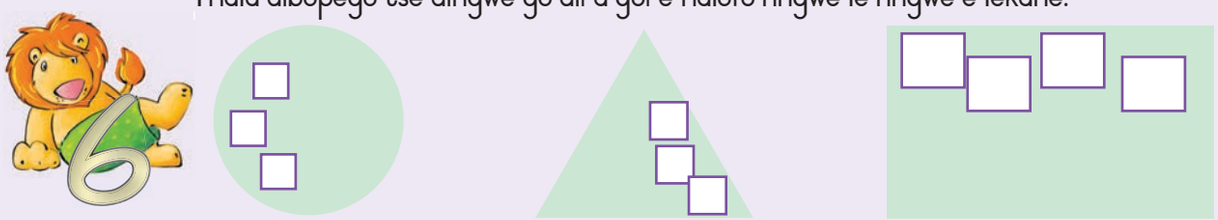
Khalara kotara ya dibopego. Kotara ya palo ya dibopego ke eng?



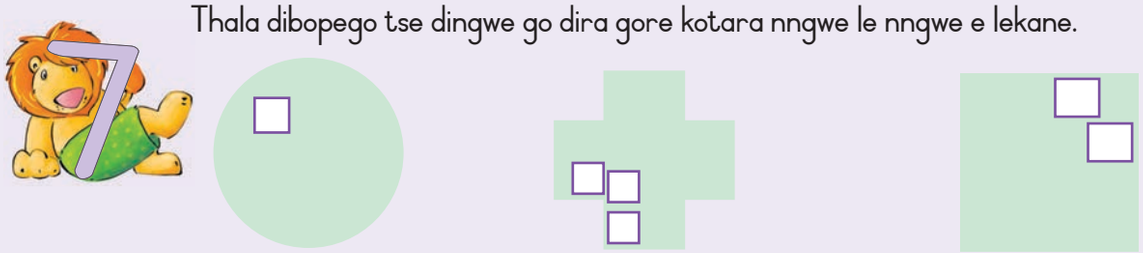


Kwala jaaka palophatlo. dihalofo ☐ dikotara ☐

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



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





Teacher:
Sign:
Date:

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Letlha:

.....

Go tlhaola tšhelete



Kwa setokofelengl

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











Fopholetsa palogotlhe ya tlhwatlhwa. R_____

Bala tšhelete. R_____

Bapanya diphopholetso le dipalogotlhe.



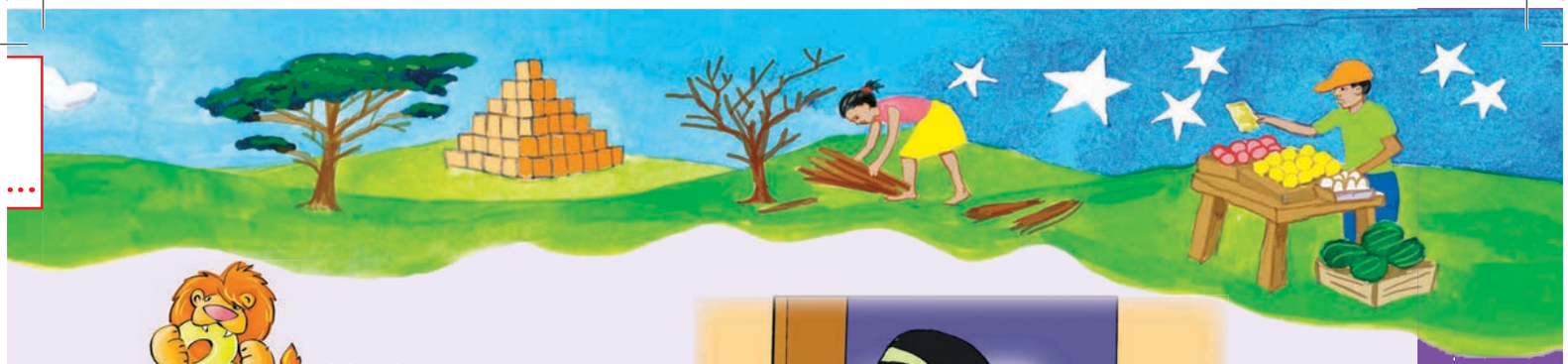
Go boloka tšhelete



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

_____ _____ _____

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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.



	TlhwatIhwa
	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?

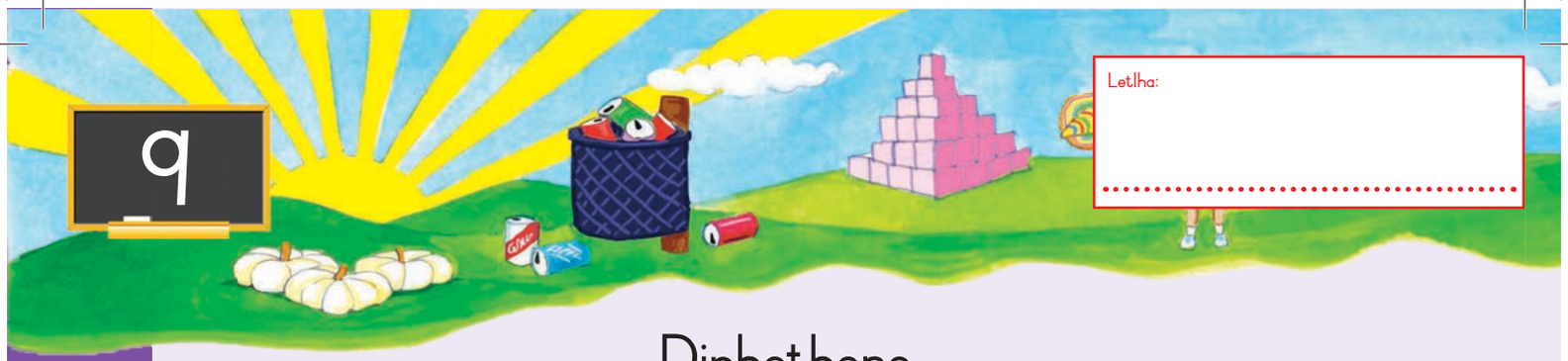
Bagolo_____Bana_____



Teacher:
Sign:
Date:

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Letlha:

Diphethene



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 diphetheneng tse tsa dipalo. Morago o khalare phethene 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 __, ___, ___, ___

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

Go bala ka botlhano

				5					10

Go bala ka bopedi

	2		4						

Go bala ka botharo

		3			6				

Go bala ka bolesome

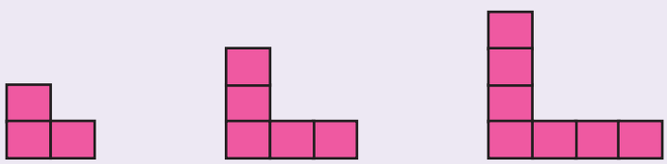
									10



Atolosa phethene



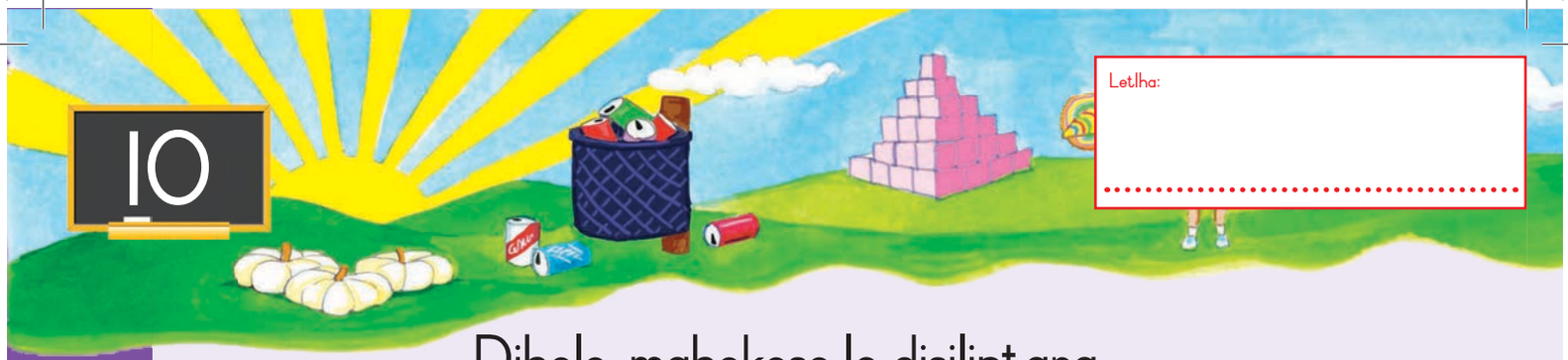




Teacher:
Sign:
Date:

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Letlha:

.....

Dibolo, mabokoso le disilintara







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





Khalara karabo e e nepagetseng.



Lebokoso

diselaete | Dirolo



Silintara

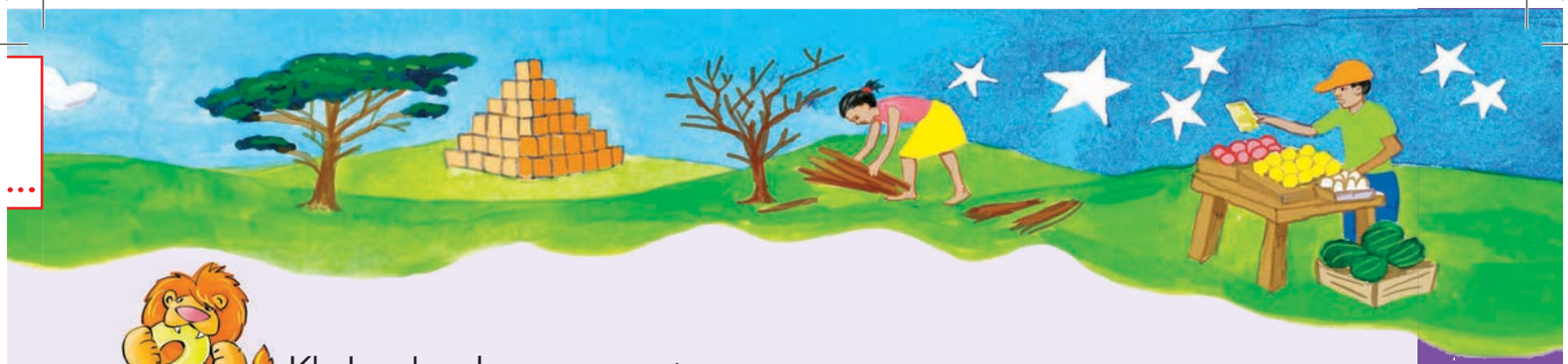
diselaete | Dirolo



Bolo

diselaete | Dirolo

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Khalara karabo e e nepagetseng.



losi lo lo tshekeletsa

Losi lo lo tlhamaletseng



losi lo lo tshekeletsa

Losi lo lo tlhamaletseng



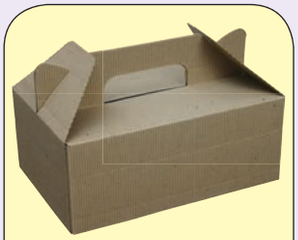
losi lo lo tshekeletsa

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

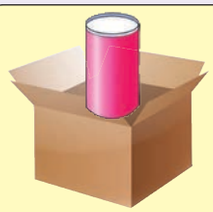


losi lo lo tshekeletsa

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

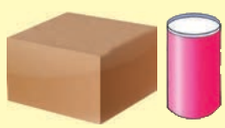


kwa morago

fa pele ga

fa thoko ga

kwa godimo ga



kwa morago

fa pele ga

fa thoko ga

kwa godimo ga



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Letlha:

Thala, naya leina mme o bapise dibopego tsa matlhakoremabedi



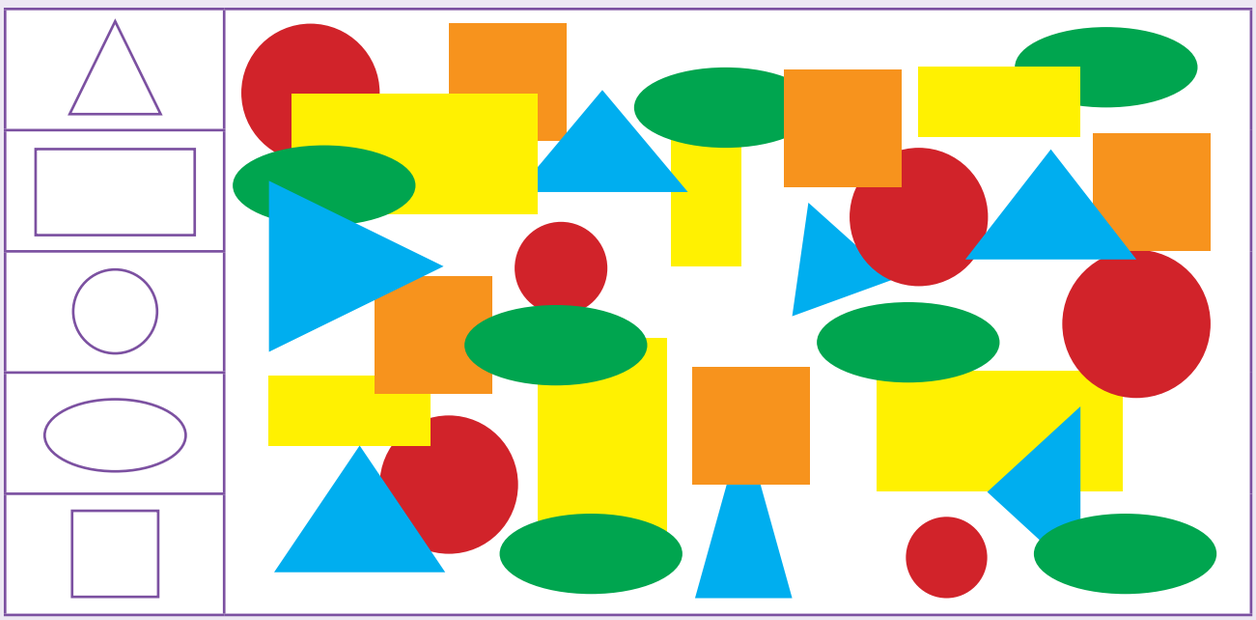
Thala dibopego

Khutlotharo		Sediko	
Sekwere		Khutlonnetsepa	



Bala dibopego

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





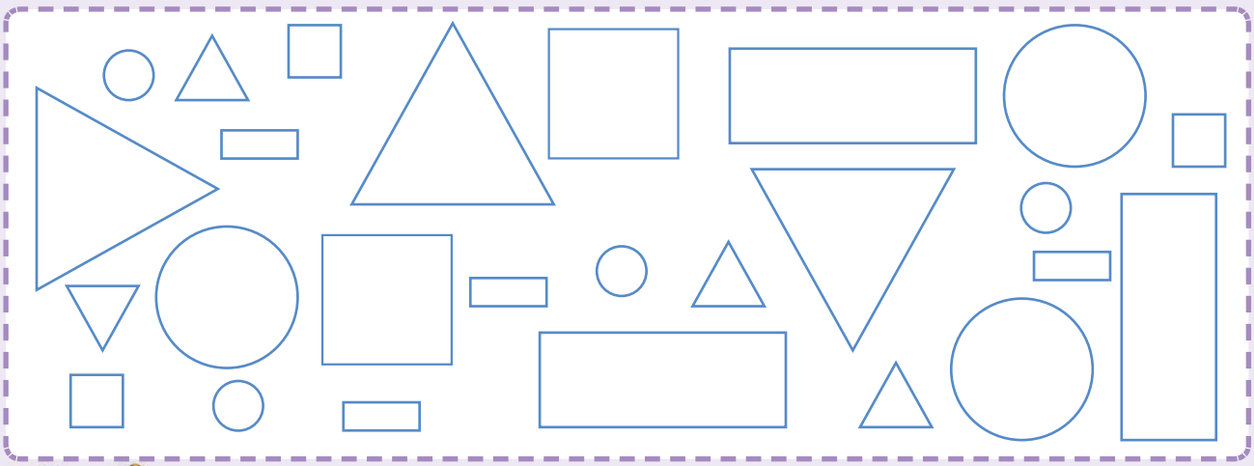
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Khalara didiko tsotlhe ka bohibidu,
didiko tse dinnye botala jwa tlhaga;
dikhutlotharo tse dikgolo botala jwa legodimo, dikhutlotharo tse dinnye mmala wa namune; dikwere tse dikgolo boserolwana, dikwere tse dinnye phepole; dikhutlonnetsepa tse dikgolo 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.

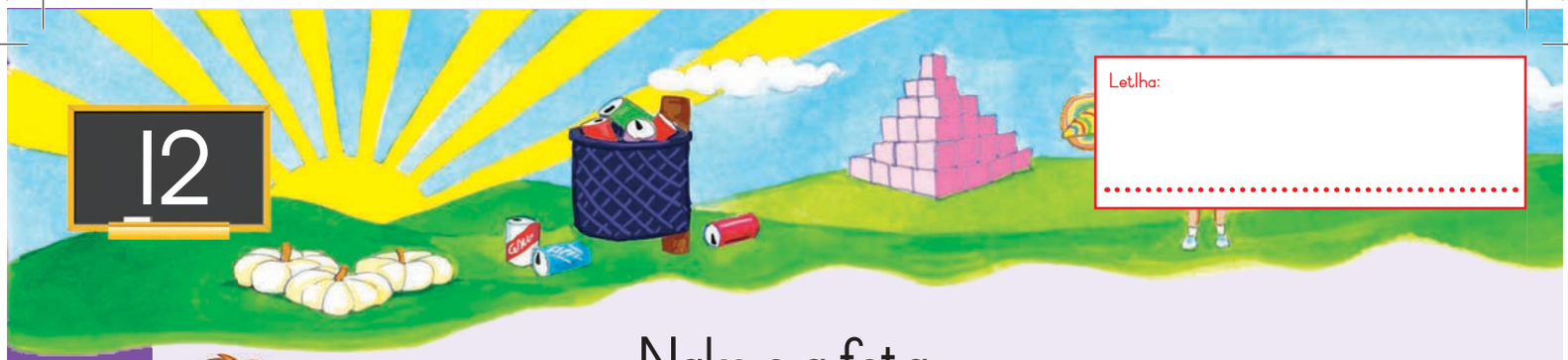
	3						
tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa
tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa	tlhamaletse	tshekeletsa



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12

Letlha:

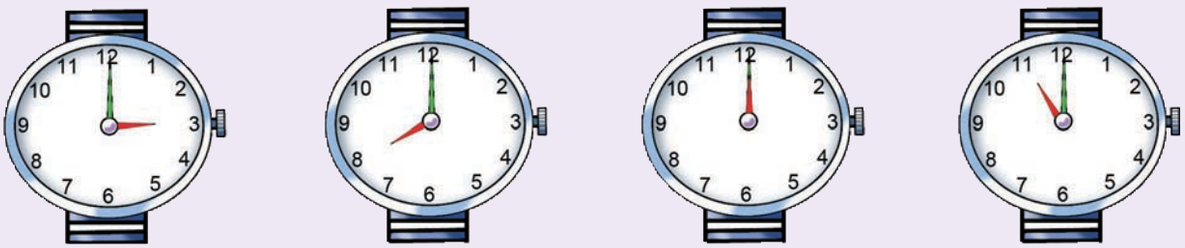
Kgwedi tharo I

Nako e a feta



Go buisa nako

Ditshupanako tse di bontsha nako mang?

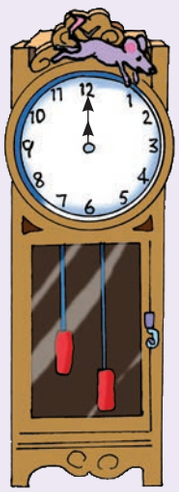


ura ya _____ ura ya _____ ura ya _____ ura ya _____



Tlola go dikologa tleloko

Thusa Pebanyana go bala metsotso ka bo5.
Simolola kwa go 12. Dikologa tsela yotlhe.



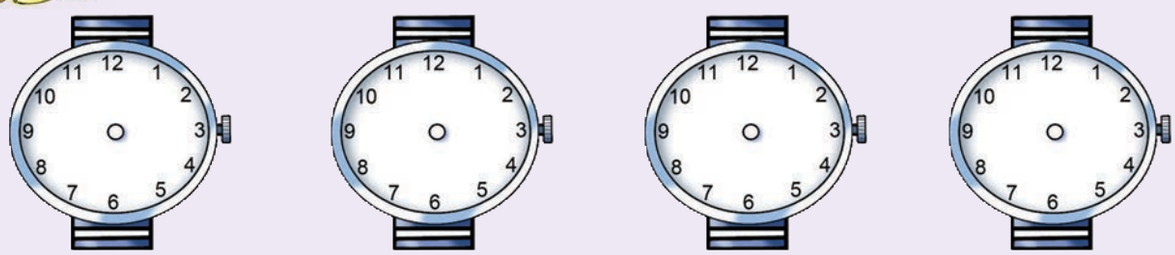
O bala metsotso e mekae? _____

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

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Tumi o tsamaya ka maoto go ya sekolong.





O tswa kwa gae.



O fitlha kwa sekolong.

Tumi o tsaya lobaka lo lo kae? _____



Letsatsi la go baka

Maria o baka borotho.



Borotho bo tsena mo ontong.



Borotho bo a tswa.



Borotho bo bakiwa diura di le _____.



Kgwetlho



Mo nakong gabedi

a. Fetolela diura go metsotso.

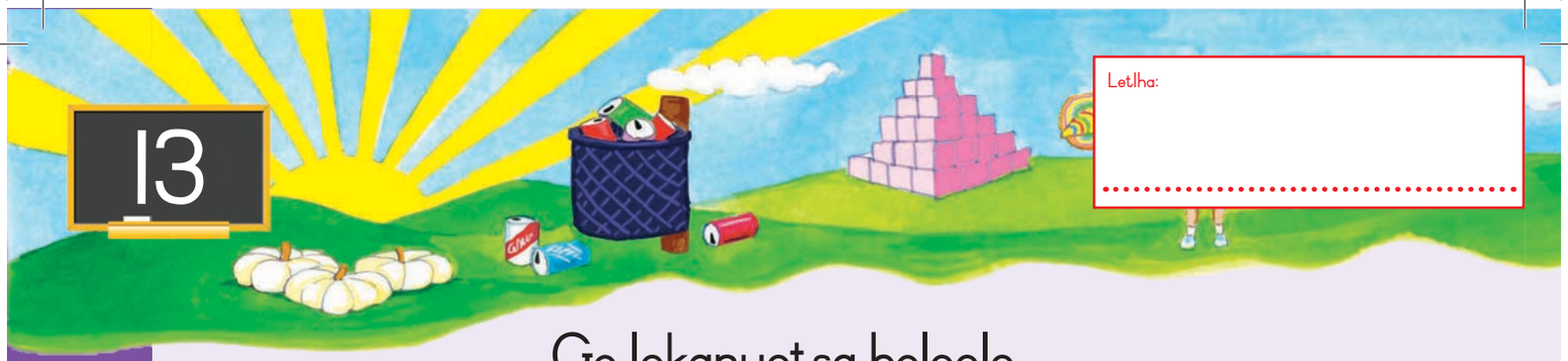
Diura	1	2	4	8
Metsotso	60			

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? _____

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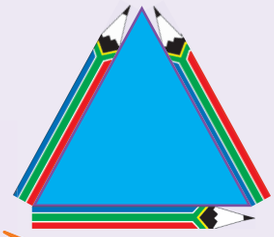


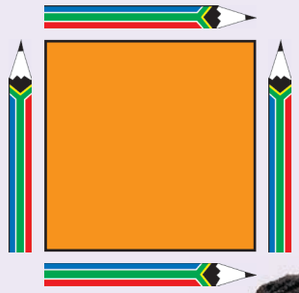
13

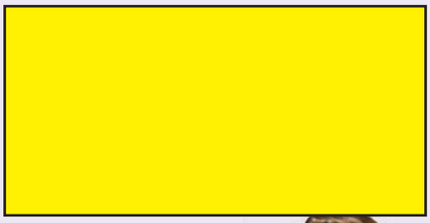
Letlha:

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? ☐



O dirisitse diphensele jang go bala?

1 2 3 4 5 6 7 8 9 10

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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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14

Letlha:

Mothamo (maemo)



Ke setse ke tshetse maswana a le mane mo koping.

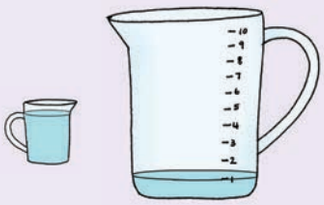
Ke dikopi di le kae gape tse di tlaa tlatsang seduti?

_____



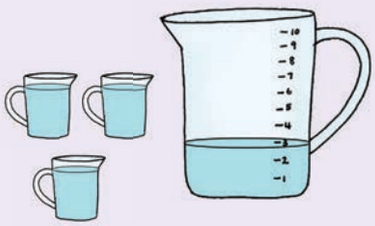
Ke dikopi tsa metsi di le kae tse di mo seduting? Ke dikopi di le kae gape tse re di tlhokang go tlatsa seduti?

a.



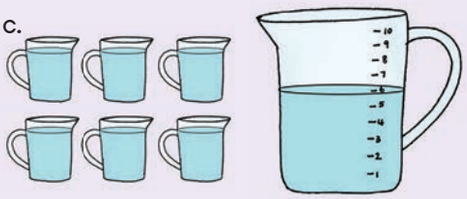
Mo seduting [1] Batla gape [9]

b.



Mo seduting [ ] Batla gape [ ]

c.



Mo seduting [ ] Batla gape [ ]

d.



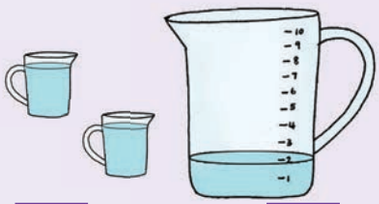
Mo seduting [ ] Batla gape [ ]

e.



Mo seduting [ ] Batla gape [ ]

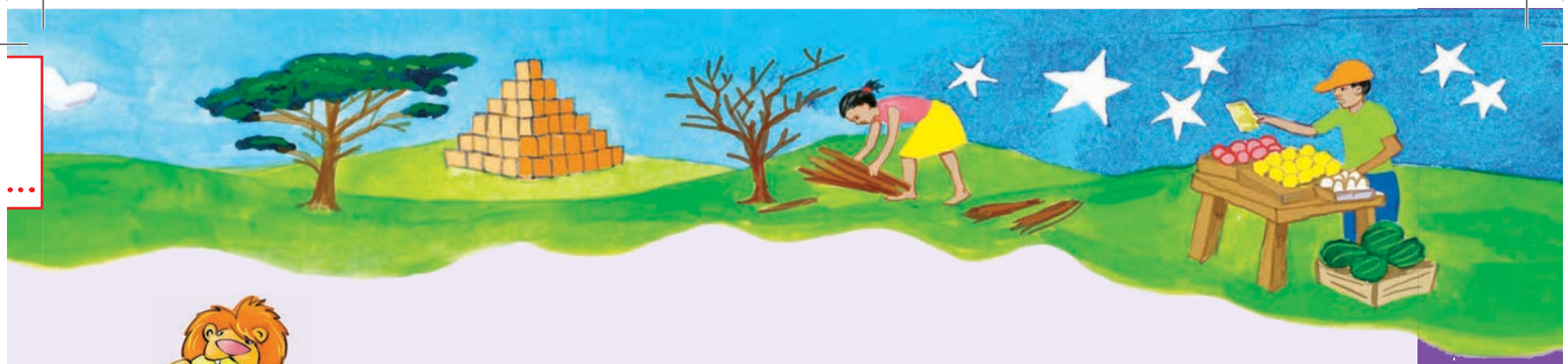
f.



Mo seduting [ ] Batla gape [ ]

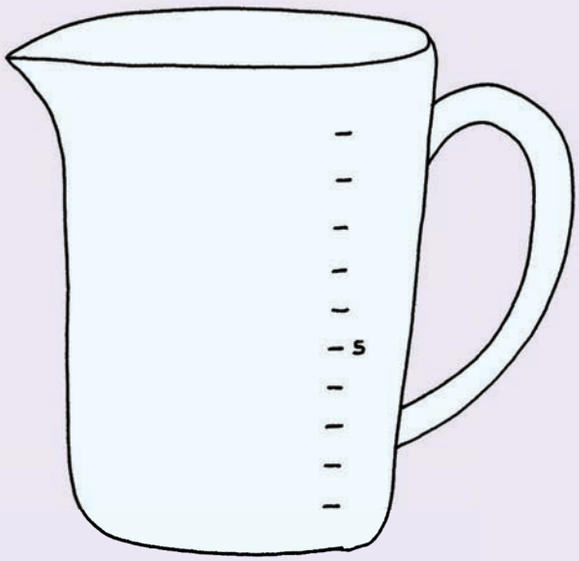
1 2 3 4 5 6 7 8 9 10

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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.













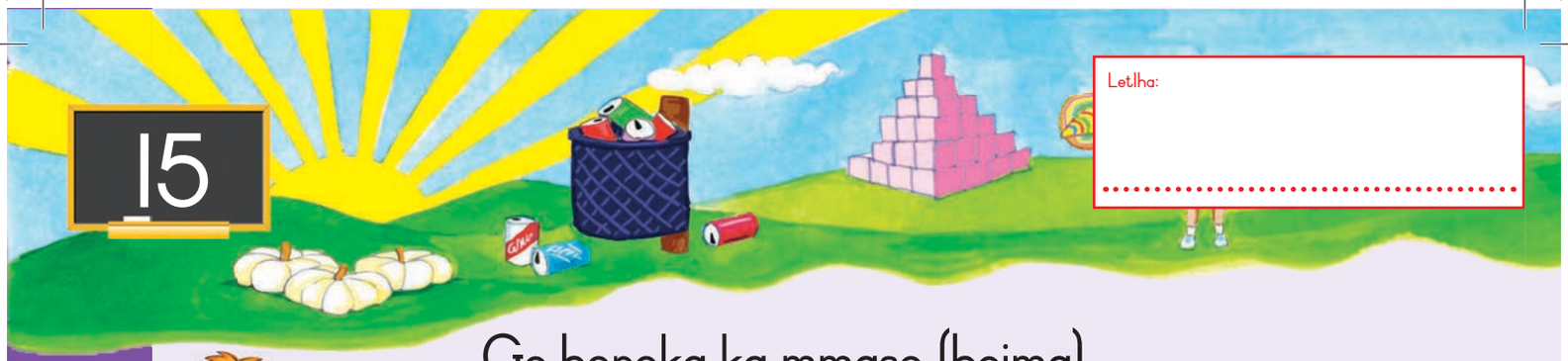
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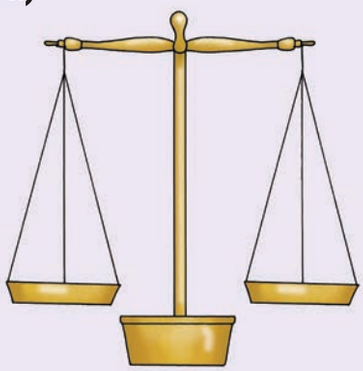
Letlha:

.....

Go bereka ka mmase (boima)



A re lekanyetseng bokete!



Go bona boima jwa rona, gore re bokete kgotsa bofefo 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



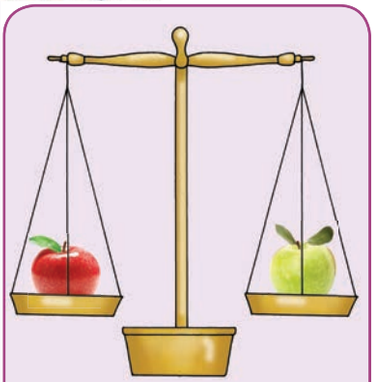
42 kg



39 kg

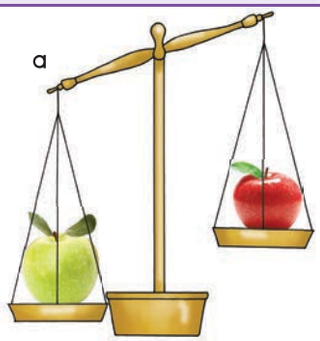


Re dirisa sekale sa go balansa go lekanyetsa mmase.

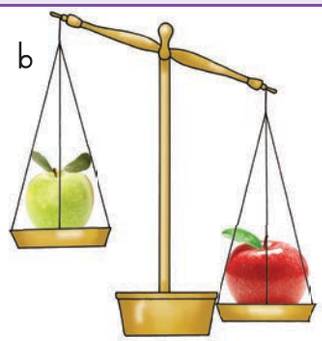


Mo sekaleng se, diapole ka bobedi di bega go lekana.

a



b



Araba potso ka go kwala a kgotsa **b**.

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

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

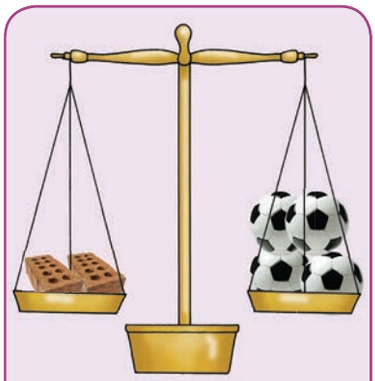
1 2 3 4 5 6 7 8 9 10

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Lekanyetsa dikale.

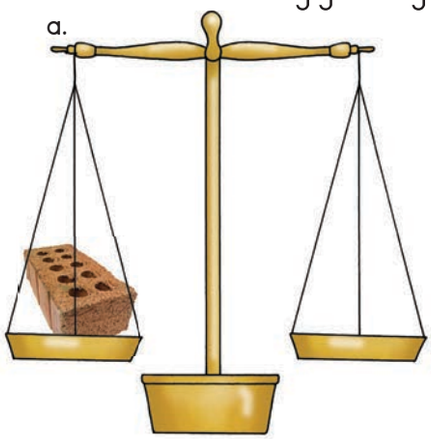
Re go diretse ya ntlha.



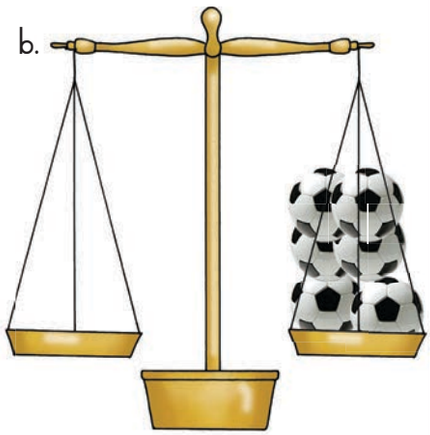
Ditena tse pedi di bega go tshwana le dibolo di le nne.

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

a.



b.



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



a. 2 _____ kg

b. 3 _____ kg

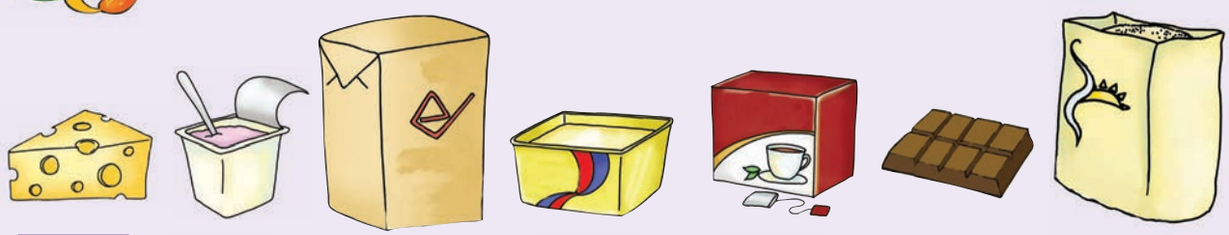
c. A nka kgona go lekanyetsa merwalo e le 4 ka nako e le nngwe mo sekaleng se sa khitšhini? Goreng? _____

_____

_____

_____

Tshwaya diduti tse di tshotseng kilogeramo e le.



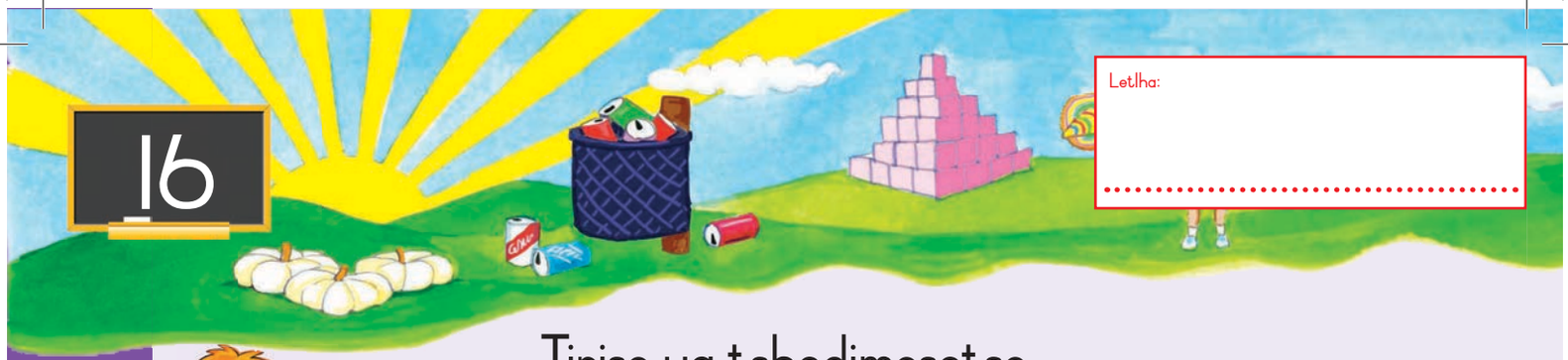
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16

Letlha:

Tiriso ya tshedimosetso



Ditlhako mo tlelaseng



Buisa kgang.

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

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

Baithuti ba bitsa disaese tsa bona, bongwe ka bongwe.

Mme Khoza o kwala disaese mo patitšhokong.

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

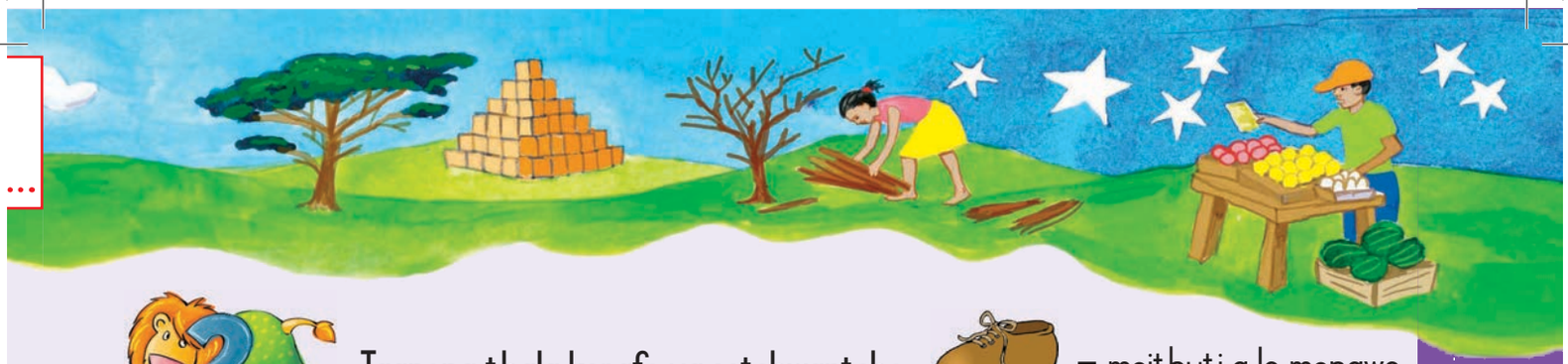
2	2	3	1	2	3	1	4	3	2	3
2	3	2	6	2	2	3	3	3	4	3
4	2	2	3	3	5	3	2	2	2	1
1	1	2	4	2	3	2	3	4	2	4
4	3	2	2	3	1	2	2	1	4	3

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

1 2 3 4 5 6 7 8 9 10

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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.

a. Bontsi jwa baithuti bo rwala setlhako sa saese _____.

b. Palo e e kwa tlase e rwala saese _____.

c. Bana ba le _____ ba tsere karolo mo patlisisong.



Jaanong wena?

Batlisisa 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.



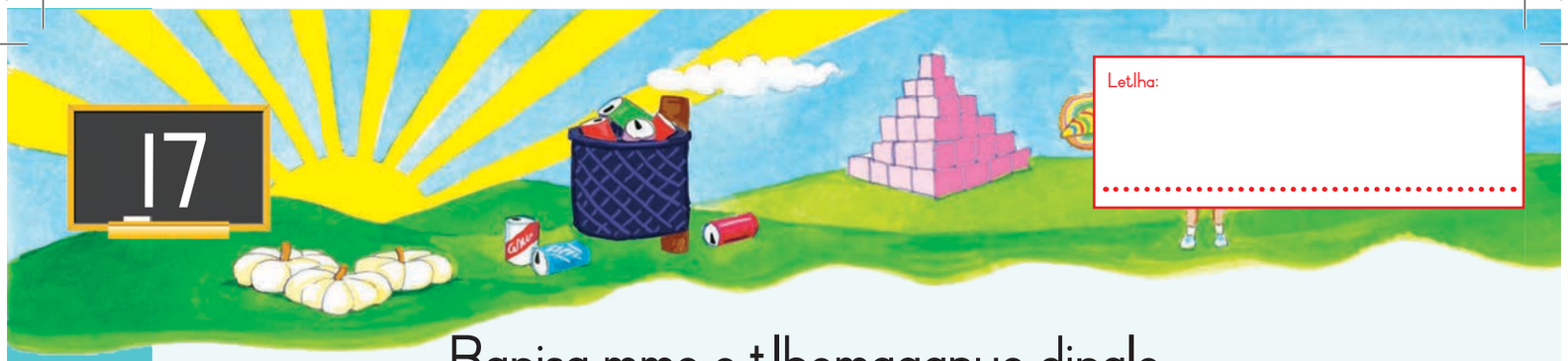
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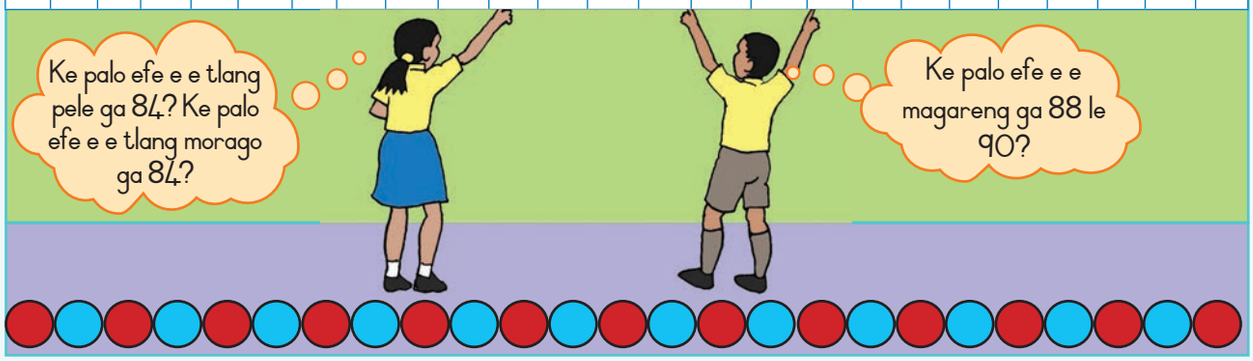


17

Letlha:

Bapisa mme o tlhomaganye dipalo

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





Tlatsa dipalo tse di tlogetsweng.

51									
						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

  _____

1 2 3 4 5 6 7 8 9 10

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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

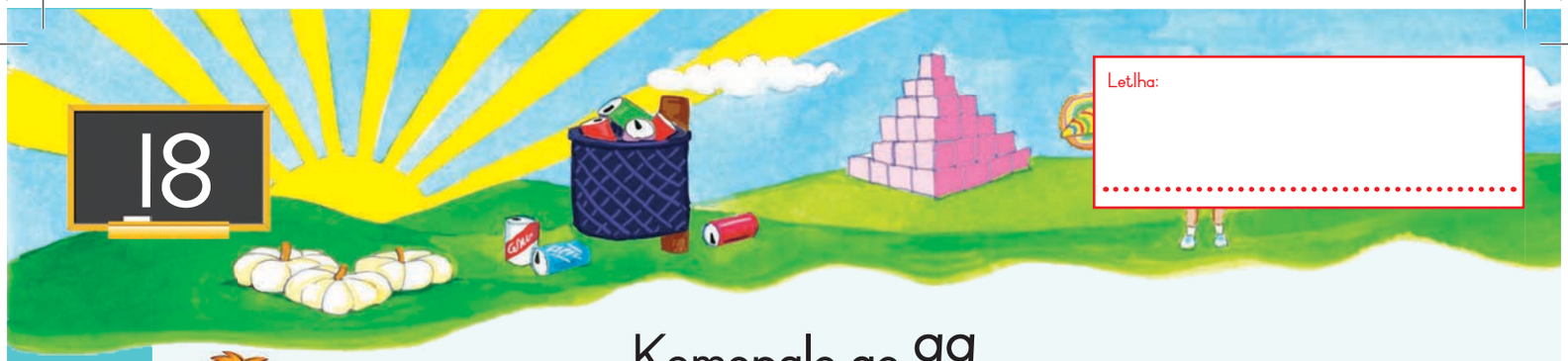


Batla dipalo tse 5 mo lokwalodikgannye magareng ga 50 le 99 mme o di kgomaretse fa.

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Letlha:

.....

Kemopalo go 99

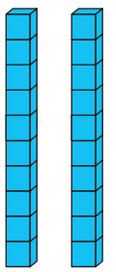


Go bontsha dinomore ka go dirisa dilo

Re kgona go bontsha dipalo ka diboloko tsa kemopalo.

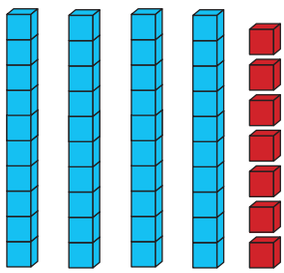
Boloko bo bonnye bo emela 1. Ke motso.

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.



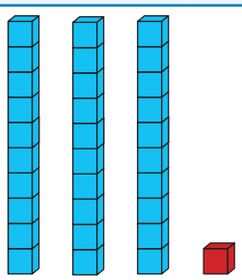
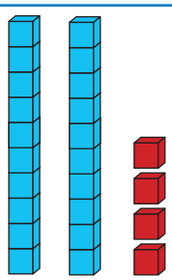
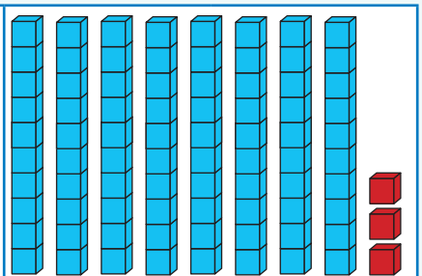
Masome	Metso
4	7

masomeamane le bosupa 47



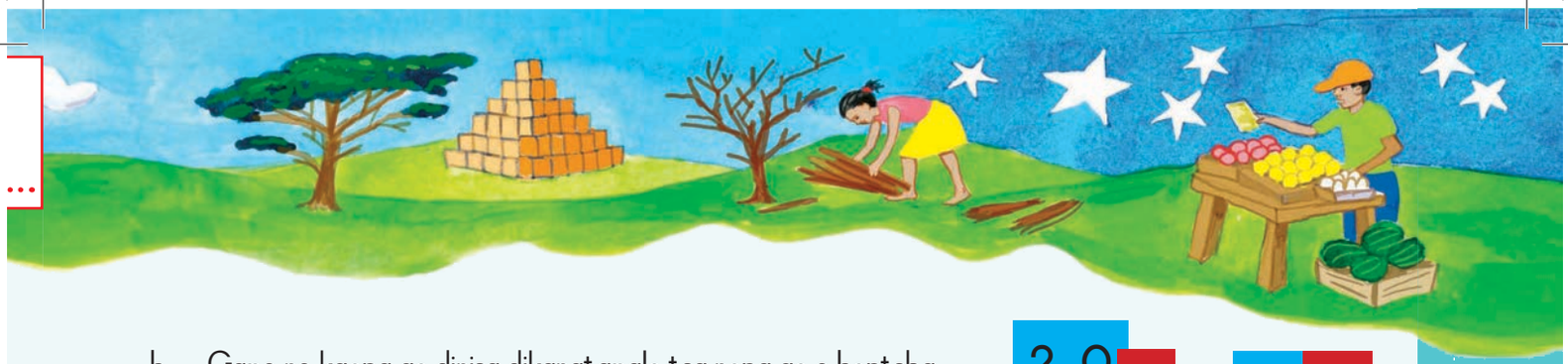
Go kwala dipalo ka dinoko le mafoko

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

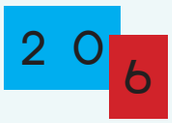
					
Masome	Metso	Masome	Metso	Masome	Metso
3	1				
31 masomeamararo le bongwe		_____ _____		_____ _____	

1 2 3 4 5 6 7 8 9 10

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

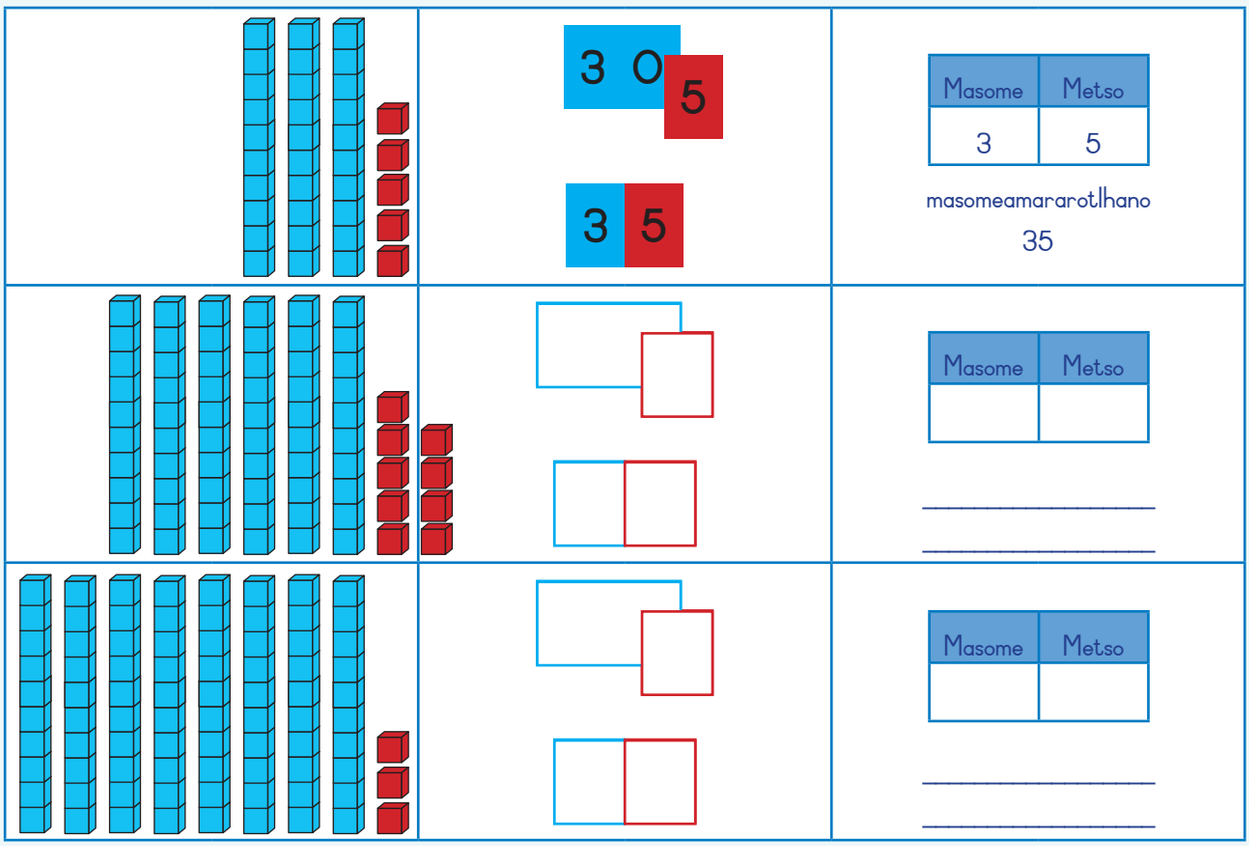




Palo	Ke masome a le kae?	Ke metso e mekae?	Kwala palo ka mafoko
26	2	6	masomeamabedithataro
46			
99			



Ke palo mang?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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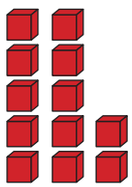
Letlha:

Go baya masome mmogo fa re tlhakanya go fitlha go 99



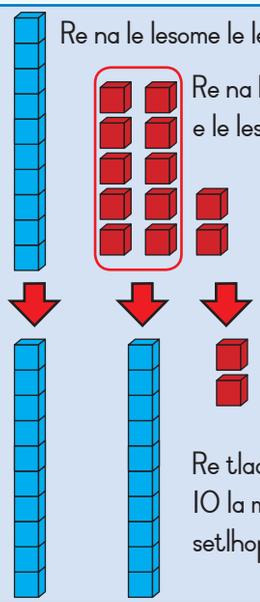
Buisa

Fano ke tsela e le nngwe ya go bontsha 22.

Masome	Metso
	
lesome le le 1	bonngwe ba le 12
1 0	1 0 2

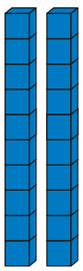
Re na le lesome le le lengwe

Re na le metso e le lesomepedi



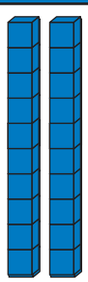
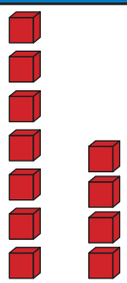
Re tlaa baya 10 la metso mo setlhopheng

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

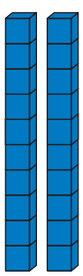
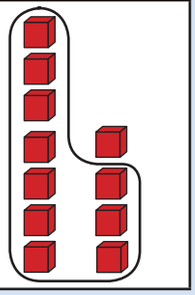
Masome	Metso
	
masome a le 2	bonngwe ba le 2
2 2	

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

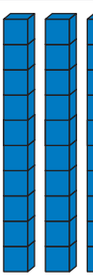
27 ke masome a 2 le bonngwe ba 7 le metso e mengwe e le mene.

Masome	Metso
	
masome a le 2	bonngwe ba le 7 + bonngwe ba le 4
2 0	7 4

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

Masome	Metso
	
Re ka bontsha bonngwe ba le 10 jaaka lesome le le lengwe.	
2 0 1 0	1

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

Masome	Metso
	
___ + ___ = ___	
3 1	

1 2 3 4 5 6 7 8 9 10

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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:

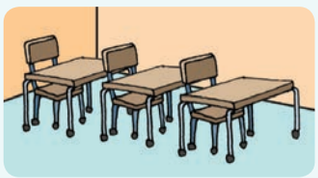
11 12 13 14 15 16 17 18 19 20

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20a

Letlha:

Tlhakanya mo molapalonng



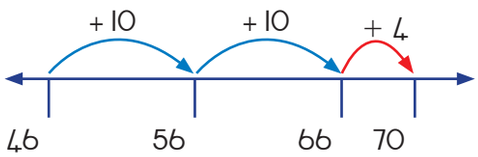
Nna kwa tesekeng ya gago!

Mo sekolong sa rona moithuti yo mongwe le yo mongwe o na le teseke ya gagwe.
Go na le barutwana ba le 46 mo Mophatong wa 3A le 24 mo Mophatong wa 3B.
Ke diteseke di le kae tse re di tlhokang mo ditlelaseng di le pedi?

Dira le molekane wa gago

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





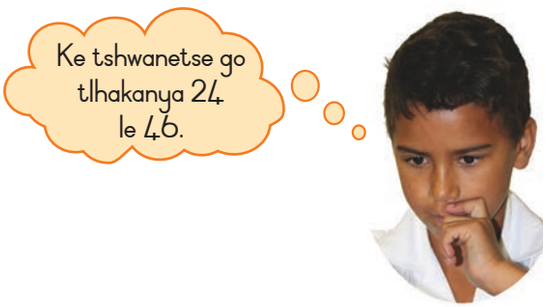
Se ke se ke se dirang: Sa ntlha ke tlhakanya 10. Seno se ntlisa go 56.
Morago ke tlole 10 e nngwe go fitlha go 66.
Mme la bofelo, ke tlola gape ga 4 go tlhoma kwa go 70.

$= 46 + 10 + 10 + 4$

$= 56 + 10 + 4$

$= 66 + 4$

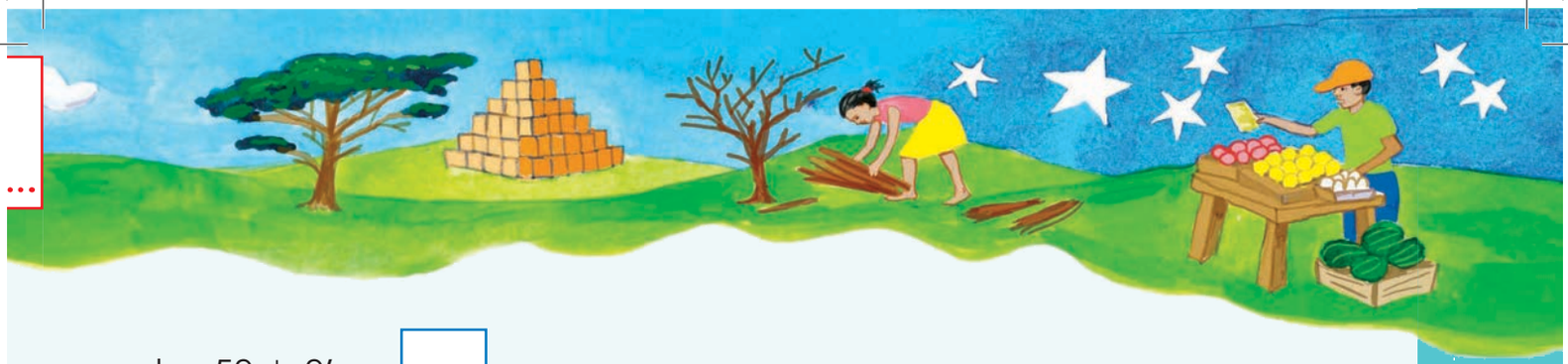
$= 70$



a. $32 + 25 =$ ☐

1 2 3 4 5 6 7 8 9 10

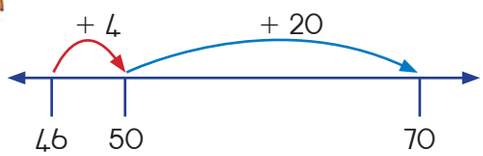
SET NUM G3 B1 9781431500116.indb 42 2014/05/05 2:58 PM

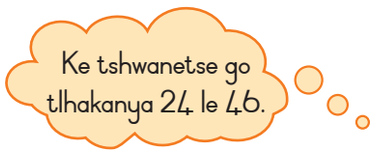


b. $52 + 26 =$ ☐

c. $46 + 25 =$ ☐









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

$= 40 + 10 + 20$

$= 50 + 20$

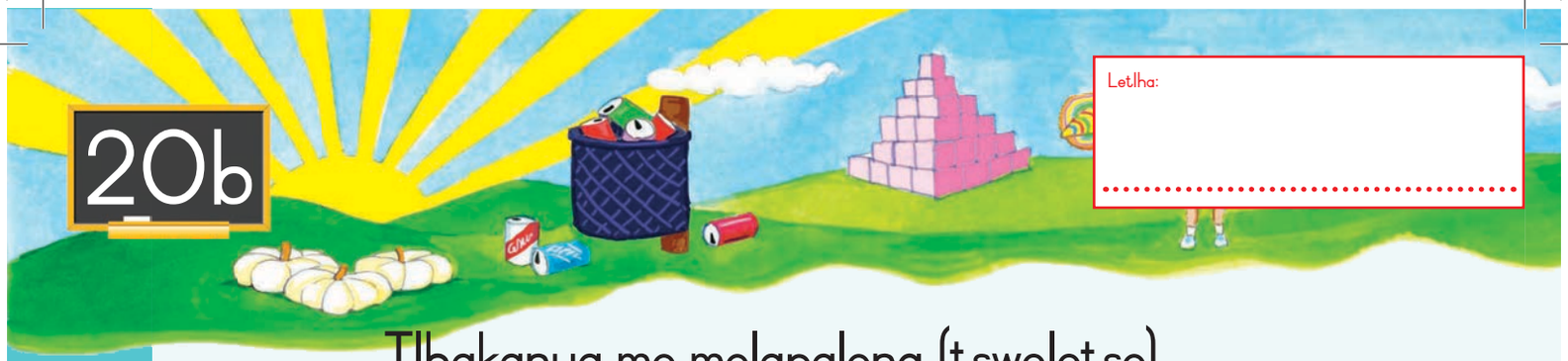
$= 70$

a. $36 + 41 =$ ☐



11 12 13 14 15 16 17 18 19 20

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20b

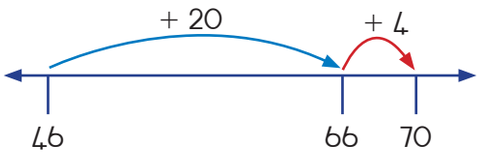
Letlha:

Kgwedi tharo I

Tlhakanya mo molapalong (tsweletso)

b. $57 + 19 =$ ☐





Ke tshwanetse go tlhakanya 24 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.

$= 46 + 20 + 4$

$= 66 + 4$

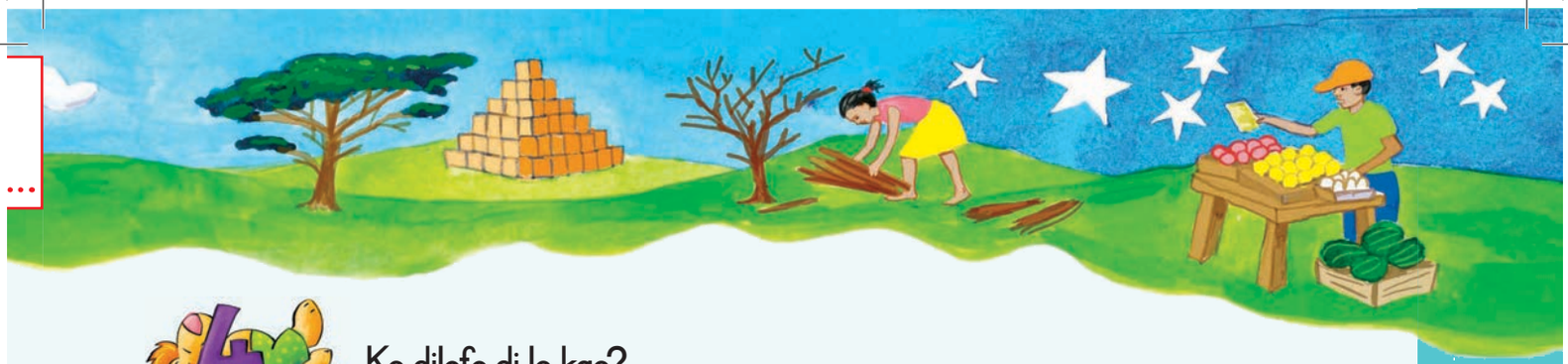
$= 70$

a. $63 + 24 =$ ☐

b. $65 + 29 =$ ☐

1 2 3 4 5 6 7 8 9 10

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4 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.

5

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

38 + 24 =

58 + 17 =

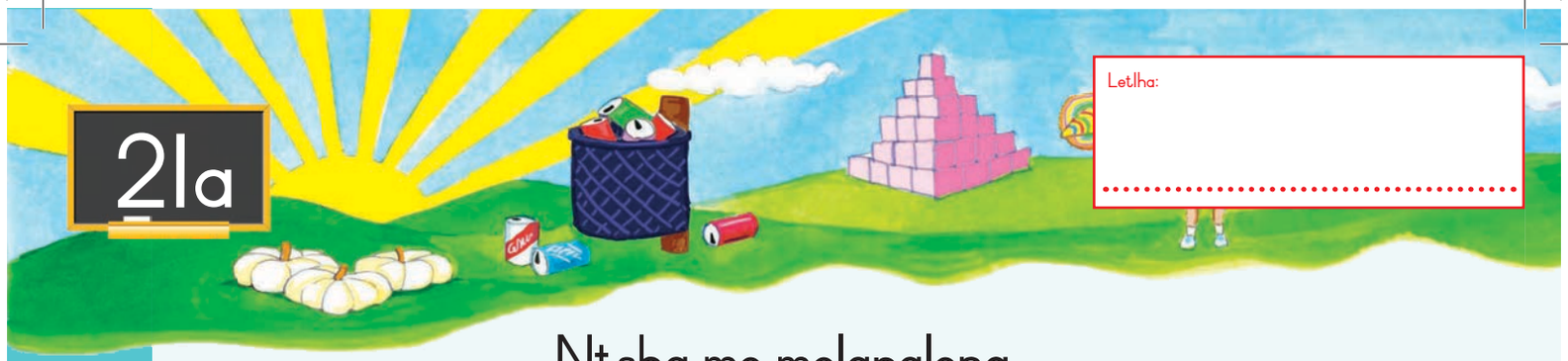
75 + 16 =

83 + 29 =

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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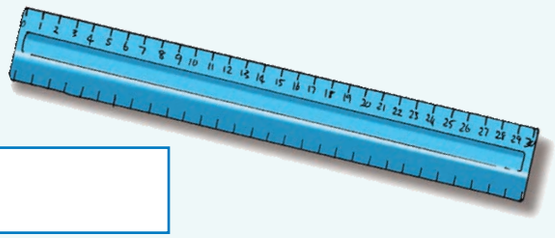
Letlha:

21a

Kgwedi tharo I

Ntsha mo molapalong

Moithuti a le mongwe! Rula e le nngwe!



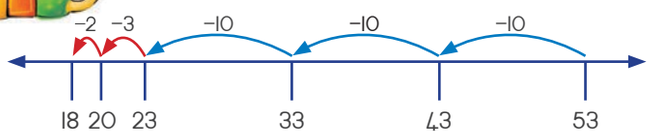
Phaposi e tlhoka dirula di le 53. Re na fela le di le 35.

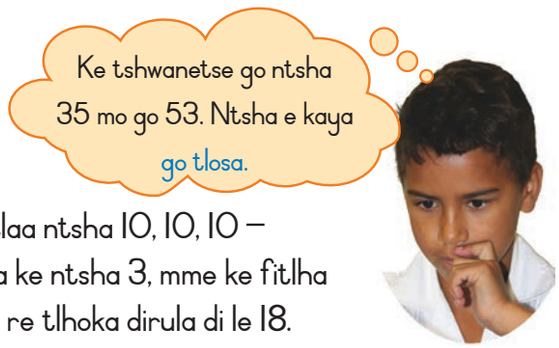
Ke di le kae gape tse re di tlhokang? 53 – 35 =

Dira le molekane

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







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

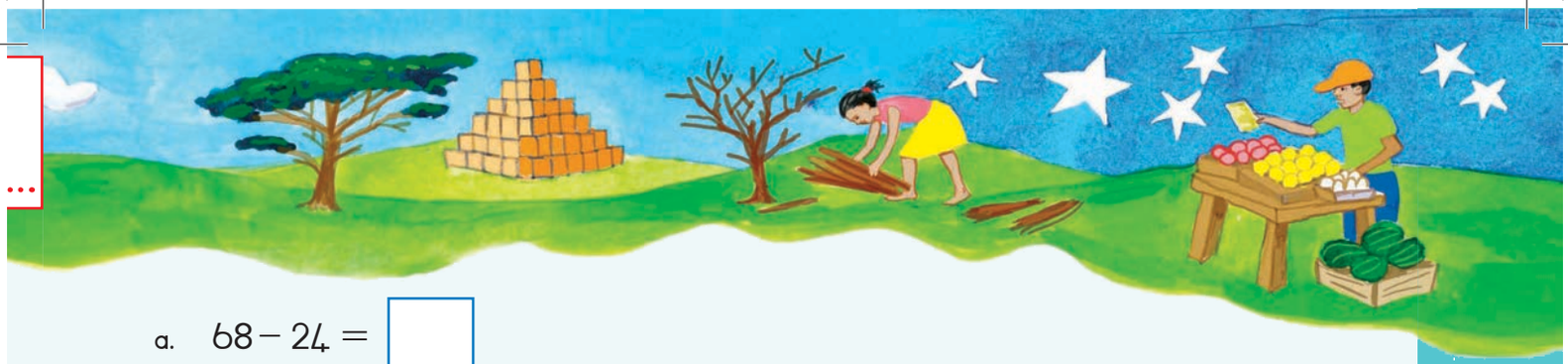
= 23 – 3 – 2

= 20 – 2

= 18

1 2 3 4 5 6 7 8 9 10

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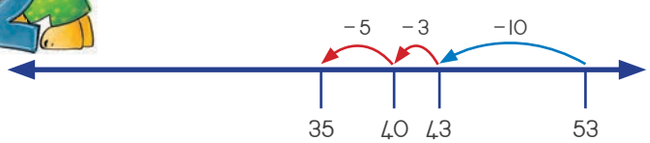


a. $68 - 24 =$ ☐

b. $74 - 38 =$ ☐

c. $92 - 87 =$ ☐





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



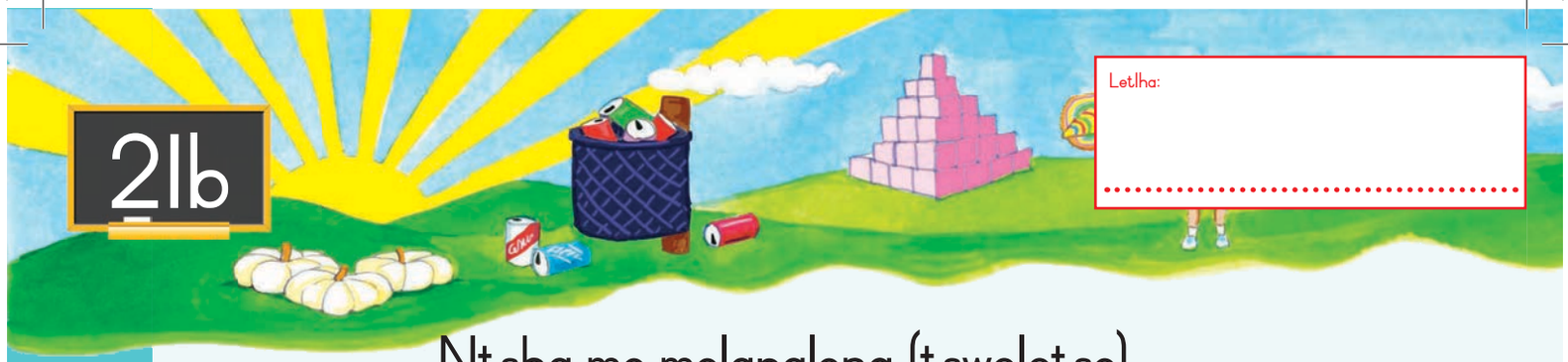
Ke tlaa simolola kwa go 53 le go balela go ya tlase go 35 go batla pharologano. Fa ke balela go ya kwa morago ka 10, ke bona 43. Nka balela go ya morago ga 3 gape go bona 40. Morago ke bala 5 gape go ya tlase go bona 35. 10 tlhakanya le 3 tlhakanya le 5 ke 18. Ka jalo re tlhoka dirula di le 18 gape.

a. $38 - 14 =$ ☐

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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21b

Letlha:

Kgwedi tharo I

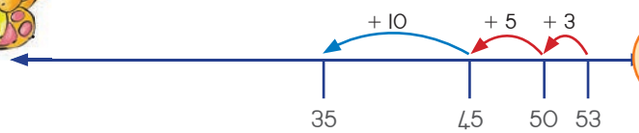
Ntsha mo molapalong (tsweletso)

b. $65 - 43 =$ ☐

c. $72 - 39 =$ ☐

d. $85 - 48 =$ ☐





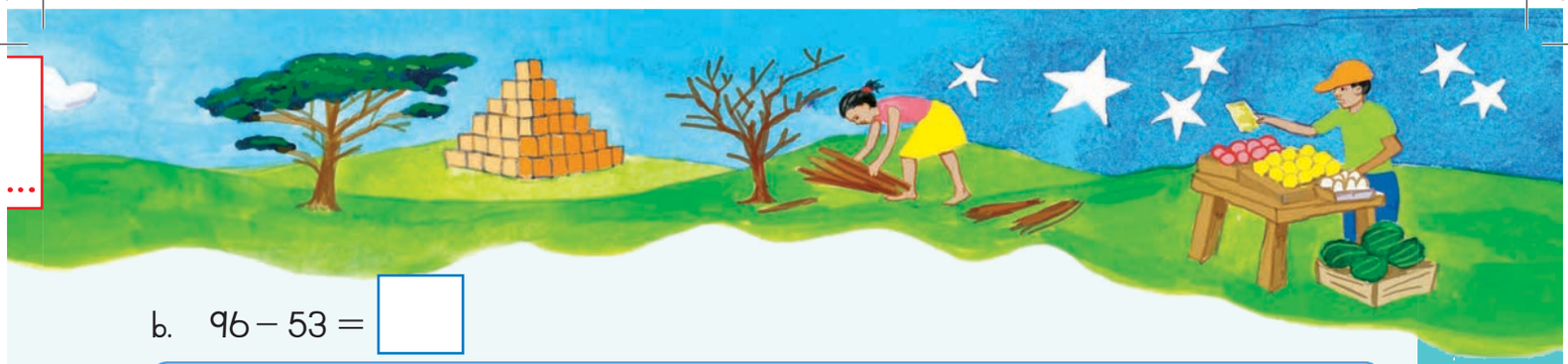
Nka simolola mo go 35 go bona gore go tlaa ntsaya metlolo e le mekae go bala go fitlha go 53.



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. $84 - 32 =$ ☐

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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.

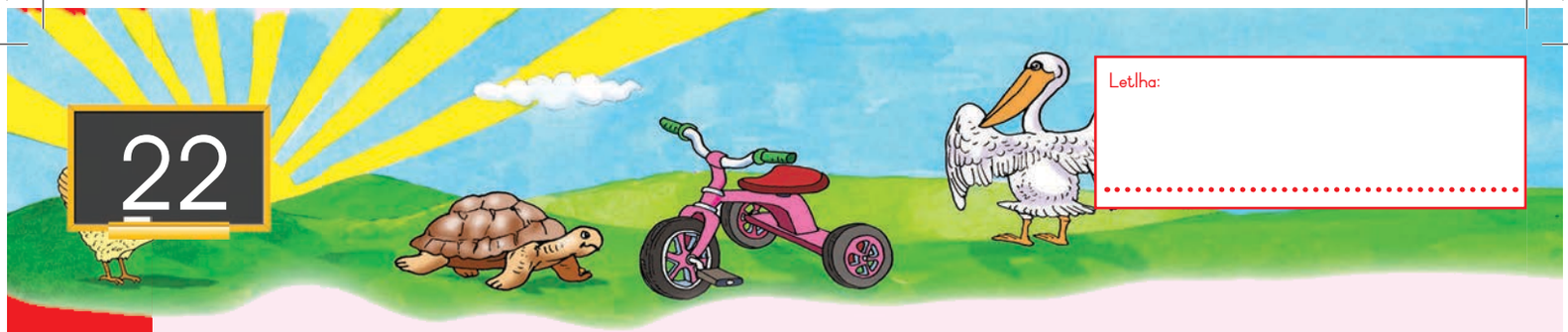


km

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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22

Letlha:

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.

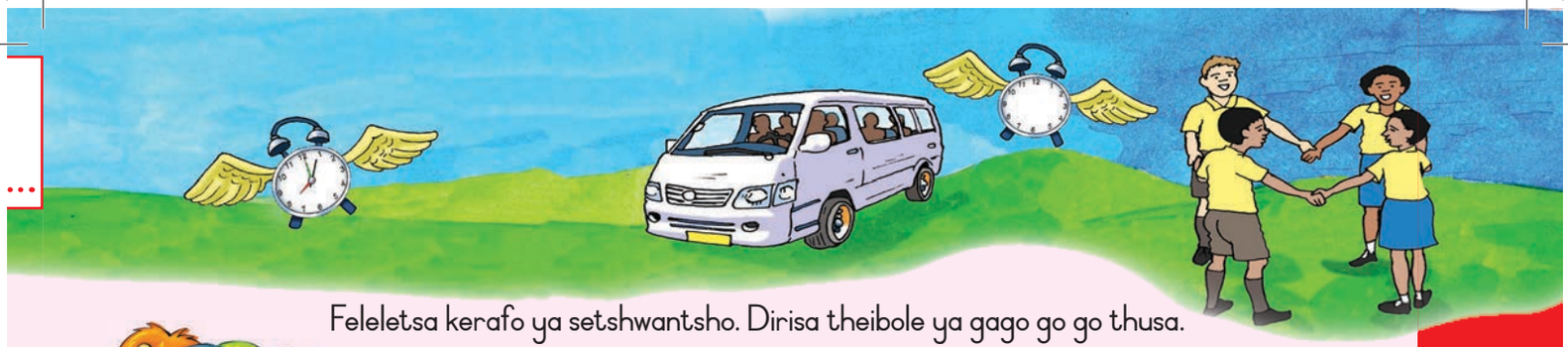


Bala, mme o kwale gore ke ditsala di le kae tse di tlhophang mofuta mongwe le mongwe wa dijo.

				
Palo				

1 2 3 4 5 6 7 8 9 10

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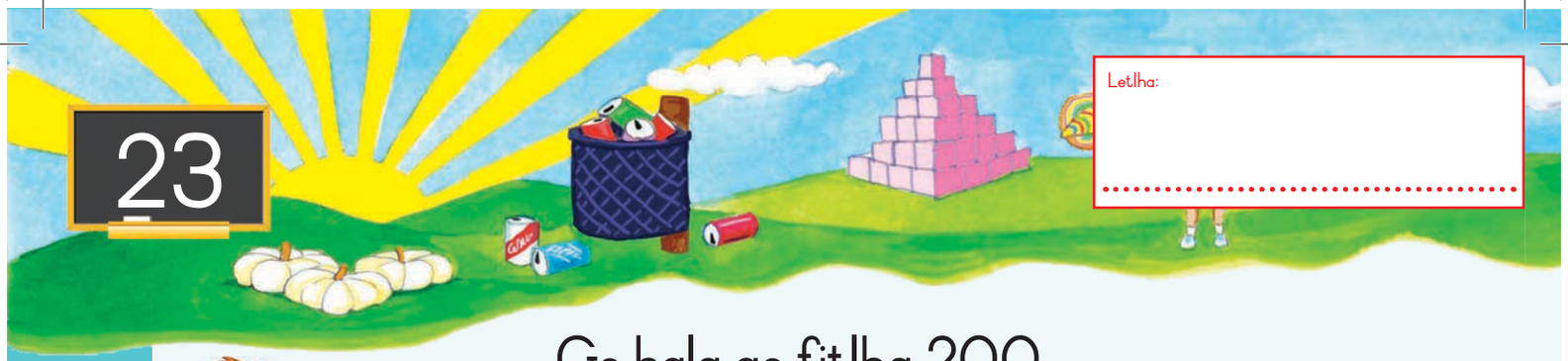
Feleletsa kerafo ya setshwantsho. Dirisa theibole ya gago go go thusa.
Thala ngwana mongwe le mongwe yo o tlhophang mofuta oo wa seno kgotsa dijo sefatlhego se le sengwe (☺) .

☺			
☺			
☺			
☺			
☺			
☺			
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Teacher:
Sign:
Date:

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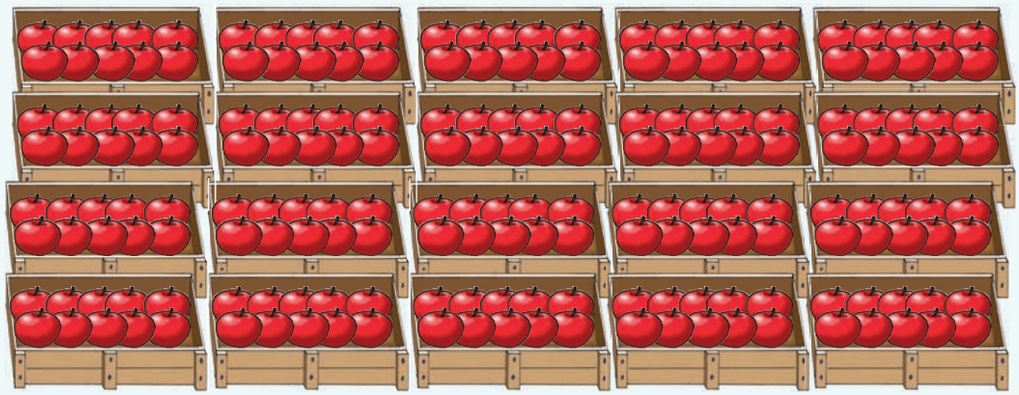
23

Letlha:

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.  ☐

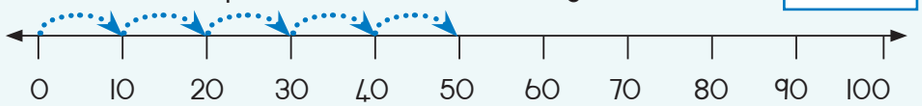
b.  ☐

c.  ☐

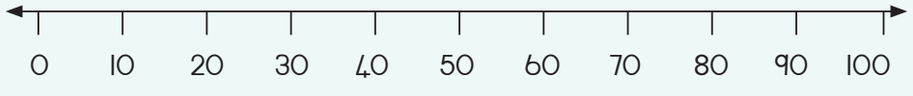


Bala mo molapalong.

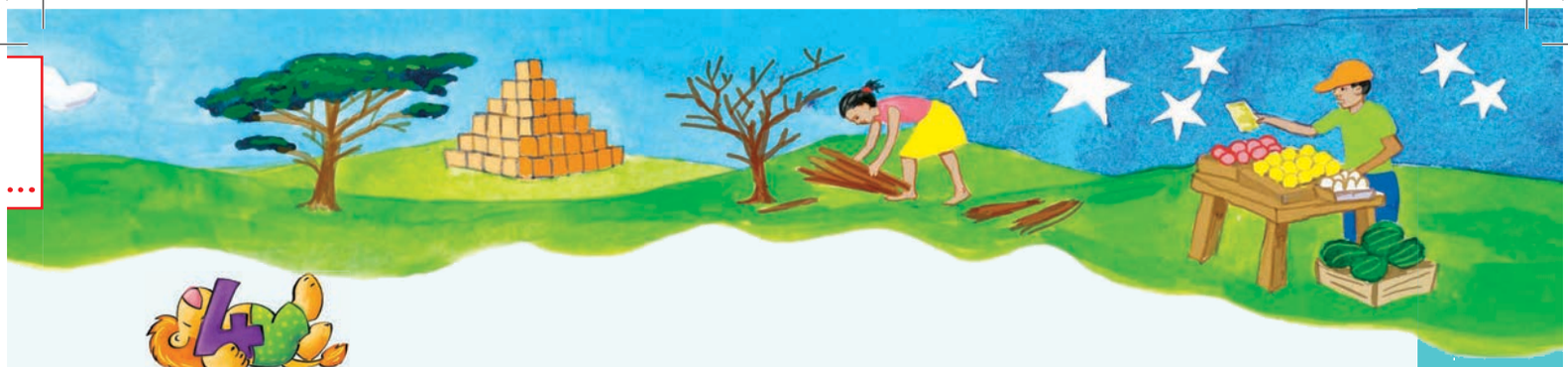
a. Go tlaa tsena diapole di le kae mo mabokosong a le matlhano? ☐



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



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

Dilo tse 5 tsa 10 di dira ____ × ____ = ____ kgotsa ____ × ____ = ____

Dilo tse 2 tsa 10 di dira ____ × ____ = ____ kgotsa ____ × ____ = ____

Dipara di le 5 tsa maoto.
Di na le menwana ya maoto e le mekae gotlhelele?



$10 + 10 + 10 + 10 + 10 =$ 5 0 $5 \times 10 =$ ____

$10 \times 5 =$ ____

Dira tse ka mokgwa o o tshwanang.

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

____ × ____ = ____ kgotsa ____ × ____ = ____

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

____ × ____ = ____ kgotsa ____ × ____ = ____

A re baleng

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

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

Teacher:
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Date:

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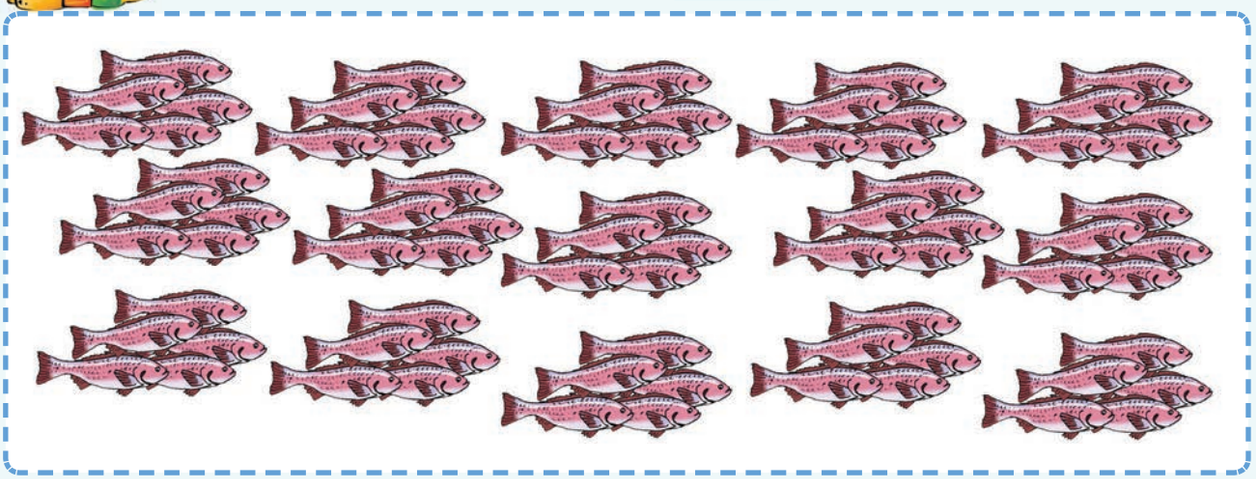


Letlha:

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 ×.
Re go diretse ya ntllha.

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 × 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		

1 2 3 4 5 6 7 8 9 10

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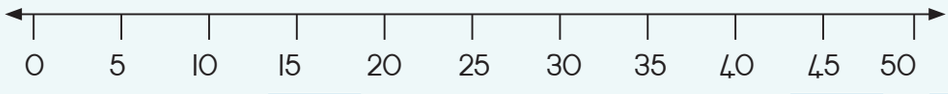


Feleletsa dipolelopalo le melapalo



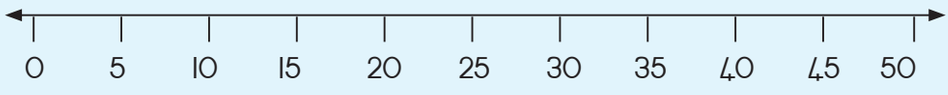
5 + 5 + 5 + 5 + 5 + 5 + 5 = 35 kgotsa 7 × 5 = 35

a.



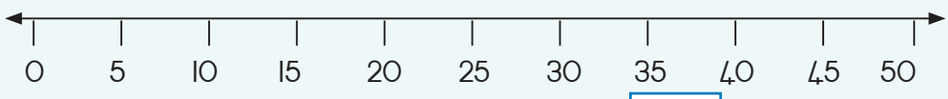
5 + 5 + 5 + 5 = ☐ kgotsa ☐ × ☐ = ☐

b.



5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = ☐ kgotsa ☐ × ☐ = ☐

c.



___ + ___ = ☐ kgotsa 10 × 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. ☐

Teacher:
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Date:

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25a

Letlha:

Bala ka bo2



Go bala dikausu



a. Go na le dikausu di le kae? _____

b. Go na le dipara di le kae tsa dikausu? _____

c. A go na le dikausu tse di setseng? _____

1 2 3 4 5 6 7 8 9 10

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Go bala dipara tsa dikausu

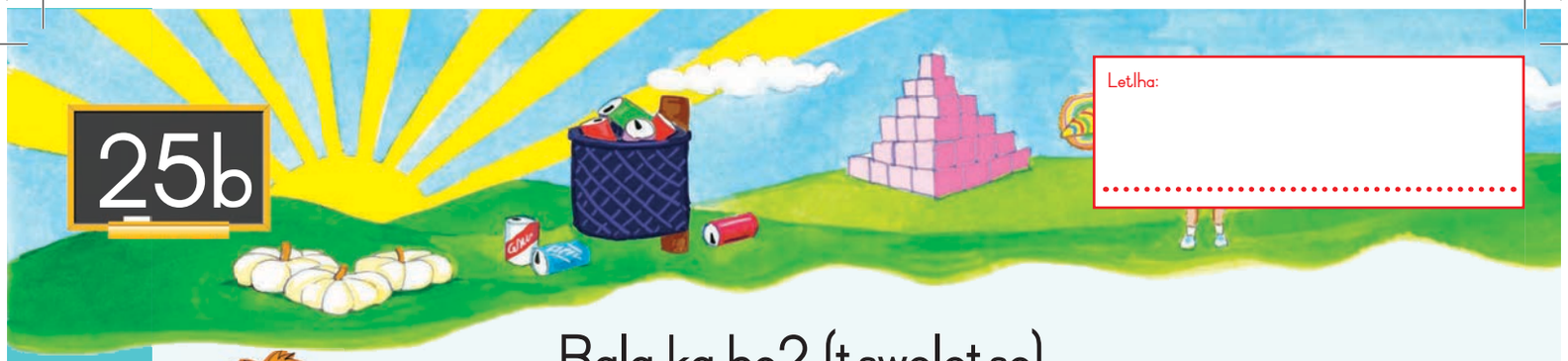
Kwala gore go na le dikausu di le kae le gore a go na le di le kae tse di setseng.

Dikausu	Palo ya dipara	Palo ya dikausu	Dikausu tse di setseng
			
			
			
			
			



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25b

Letlha:

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.

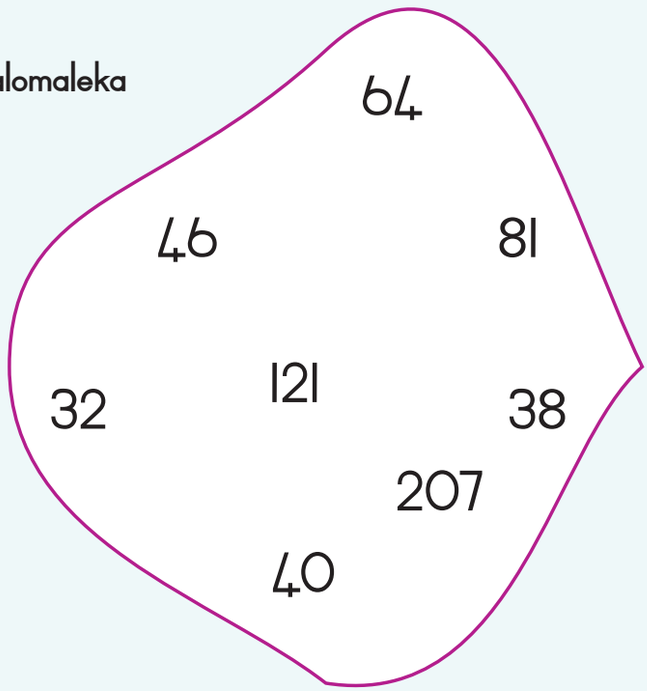
3, 5, 7,



Dipalomafeta le diapalomaleka

Thala tshekeletsa go dikologa dipalomaleka.

Thala sekwere (khutlonne) go dikologa dipalomafeta.



1 2 3 4 5 6 7 8 9 10

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Go tswa kwa dipareng go ya kwa dikausung

Sekao:

Dikausu di le 2 = para e le 1
$2 \times 1 = 10$



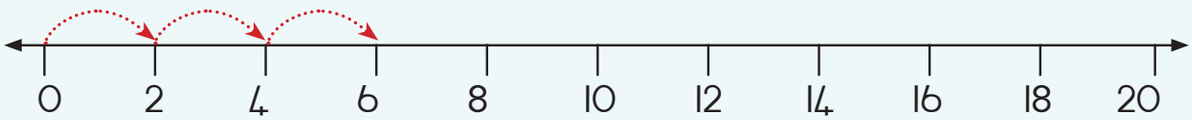
Dikausu di le 20 = Dipara di le 10
$2 \times 10 = 20$

a. Kwala gore ke dikausu di le kae?

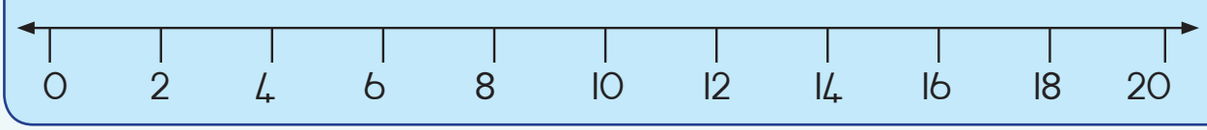
Nagana ka bo2		Polelopalo
Para e le 1	= dikausu di le 2	1 × 2 = 2
Dipara di le 2	= dikausu di le _____	2 × 2 =
Dipara di le 4	= dikausu di le _____	
Dipara di le 8	= dikausu di le _____	
Dipara di le 9	= dikausu di le _____	

b. Bontsha palelo mo molapalong mme o feleletse.

$2 + 2 + 2 = 6$ kgotsa $3 \times 2 = 6$



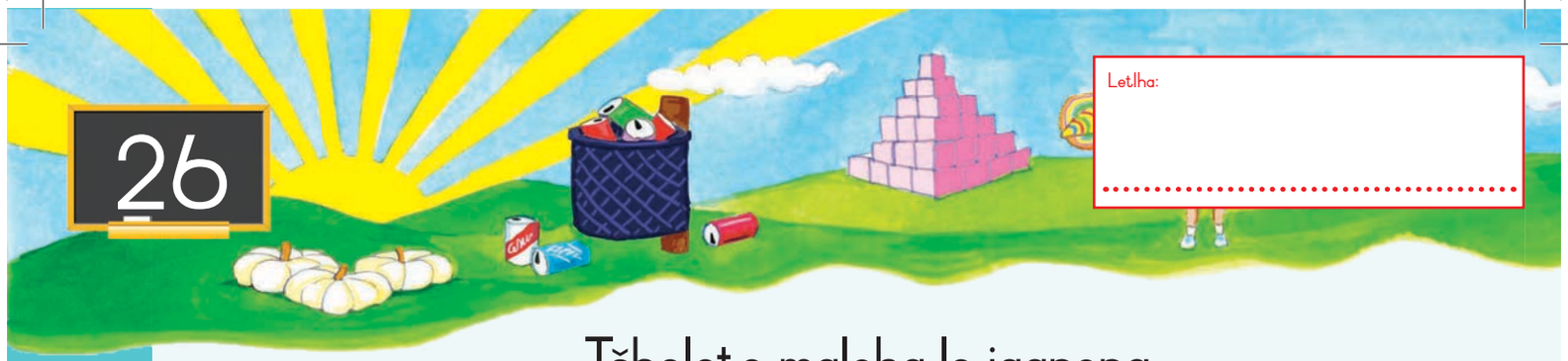
$2 + 2 + 2 + 2 + 2 + 2 + 2 =$ ☐ kgotsa ☐ × ☐ = ☐



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Letlha:

Tšhelete maloba le jaanong



Kgang ya tšhelete ya rona

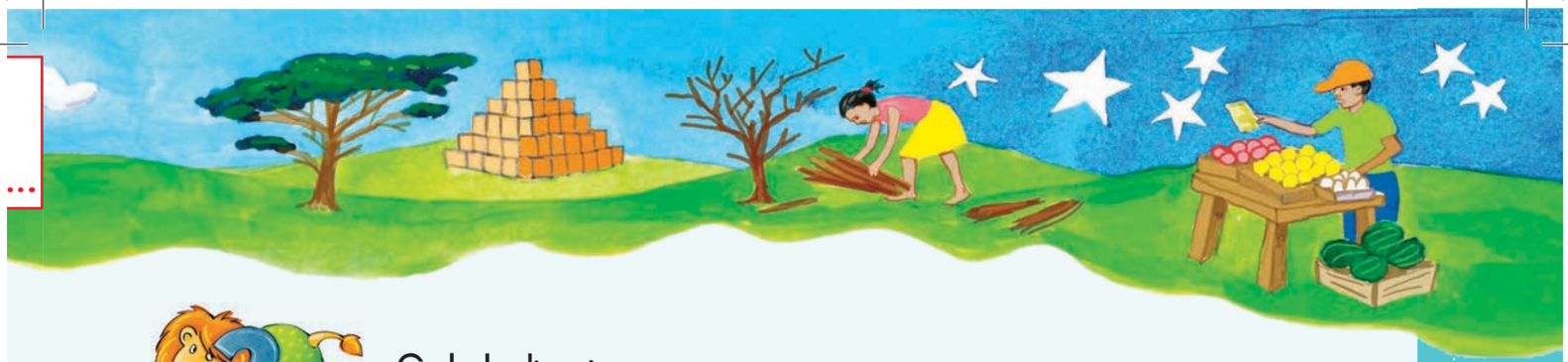
Mo Aforikaborwa re dirisa diranta le disente jaaka tšhelete ya rona. Re simolotse go dirisa diranta le disente ka 1961. Mo malatsing ao khoene ya sente e le 1 e ne e le e nnye, go latele disente tse 2 mme morago disente di le 5.





1 2 3 4 5 6 7 8 9 10

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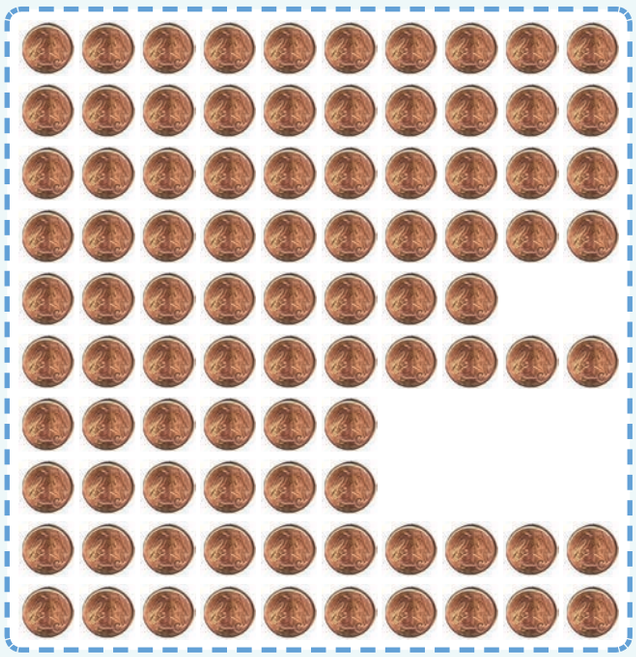


Go bala disente

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?

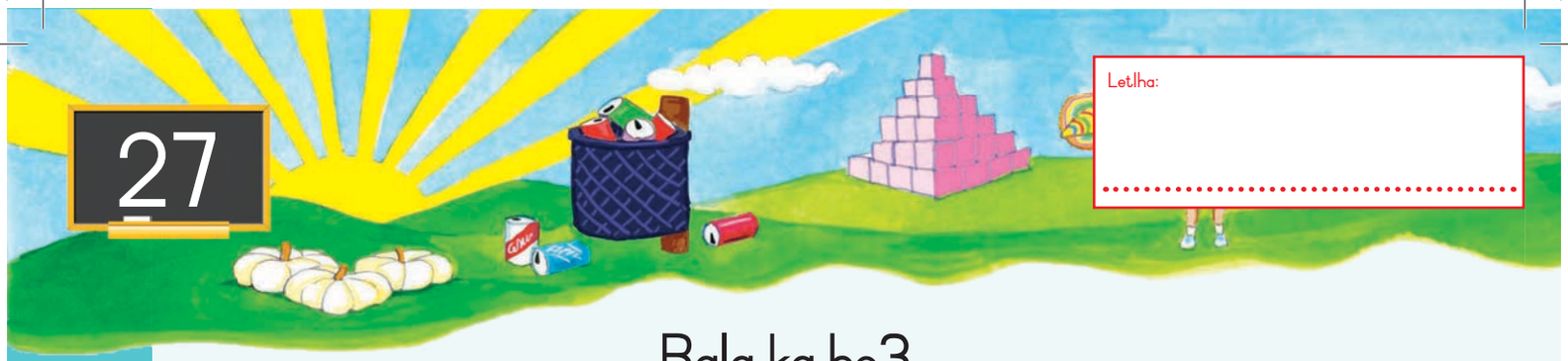
2  e ja R2,00.

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



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27

Letlha:

Kgwedi tharo I

Bala ka bo3



Maotwana ka bo3



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

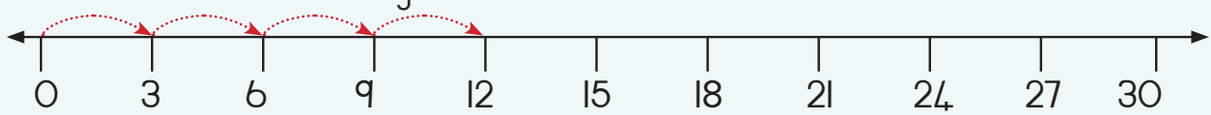


Diteraesekele di le 5 di na le maotwana a le ___	$3 + 3 + 3 + 3 + 3 = 5 \times 3 =$ _____
Diteraesekele di le 2 di na le maotwana a le ___	$3 + 3 = 2 \times 3 =$ _____
Diteraesekele di le 4 di na le maotwana a le ___	
Diteraesekele di le 6 di na le maotwana a le ___	
Diteraesekele di le 9 di na le maotwana a le ___	
Diteraesekele di le 8 di na le maotwana a le ___	



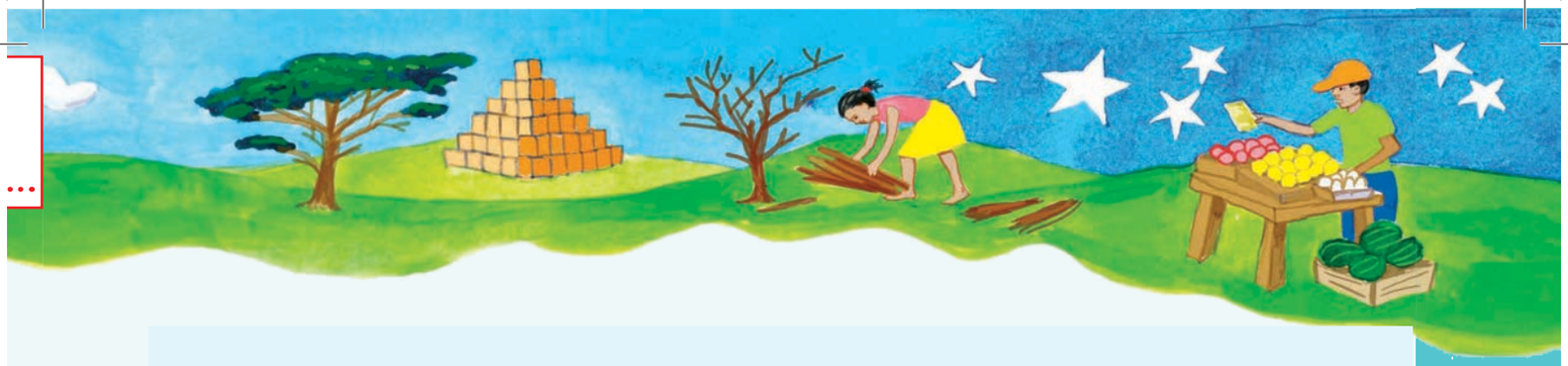
Melapalo

Sala sekao morago.

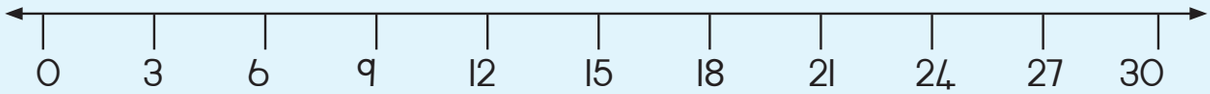


a. $3 + 3 + 3 + 3 =$ ☐ $= 4 \times 3 =$ ☐

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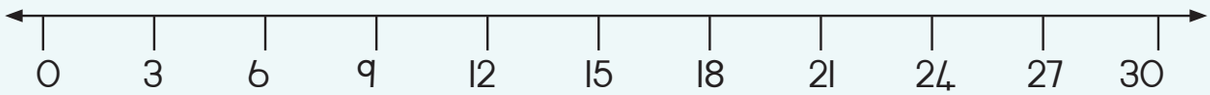


b.



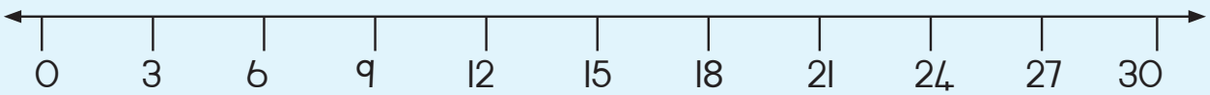
$3 + 3 + 3 + 3 + 3 = \square = \square \times \square = \square$

c.



_____ $= \square = 6 \times 3 = \square$

d.



_____ $= \square = 10 \times 3 = \square$



Dibaesekele le diteraeselekele





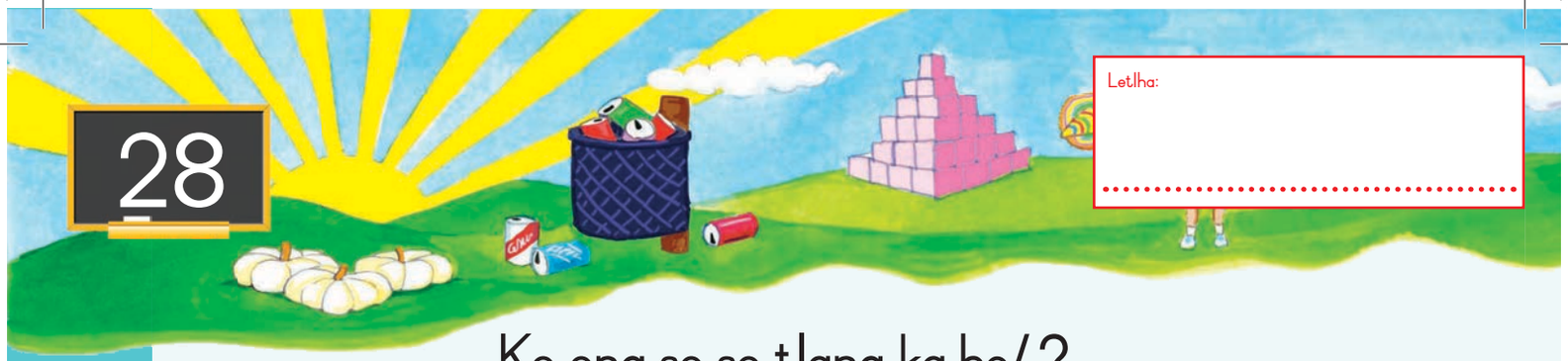
Kwa lebenkeleng la dibaesekele Busi o bala maotwana a dibaesekele le diteraesekele.
Go na le maotwana a le 14 a otlhe.

Go na le dibaesekele di le kae? _____
Go na le diteraesekele di le kae? _____

Teacher:
Sign:
Date:

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28

Letlha:

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 × 4 = 8



Ke eng gape se se tlang ka bone? _____



Bala maoto

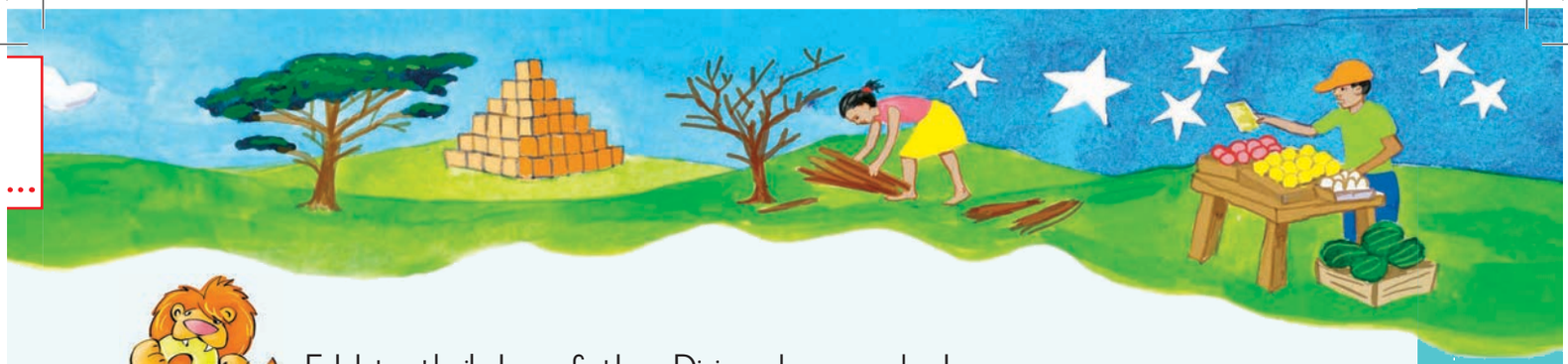
Bontshanang dikarabo. Tlhalosa se o se dirileng.

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

Kgomo I  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

1 2 3 4 5 6 7 8 9 10

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

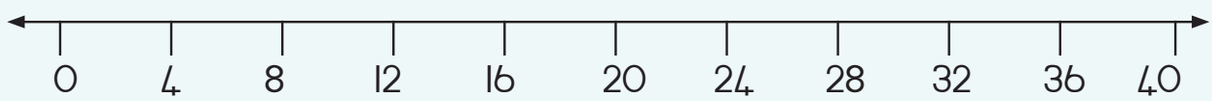
Dikgomo tse 3 di na le maoto a le _____	$4 + 4 + 4 = 4 \times 3 =$ 12
Dikgomo tse 5 di na le maoto a le _____	
Dikgomo tse 4 di na le maoto a le _____	
Dikgomo tse 7 di na le maoto a le _____	
Dikgomo tse 8 di na le maoto a le _____	



Melapalo

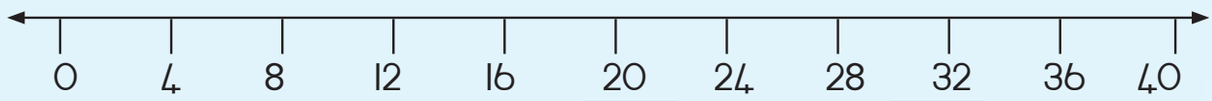
Bontsha palelo ya katiso mo molapalong mme o feleletse.

a.



_____ = ☐ = $5 \times 4 =$ ☐

b.

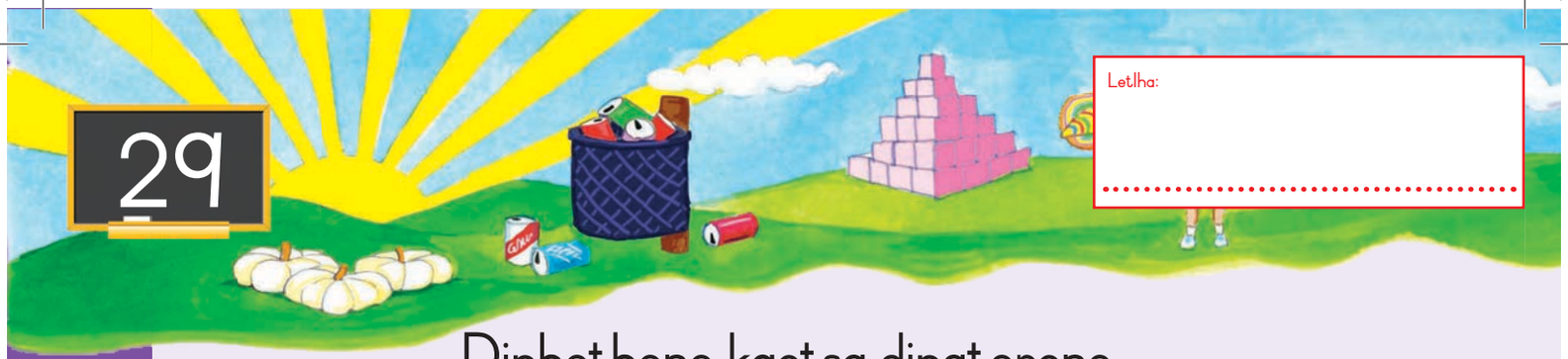


_____ = ☐ = $9 \times 4 =$ ☐



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29

Letlha:

Kgwedi tharo I

Diphethene kgotsa dipaterone mo dipalong



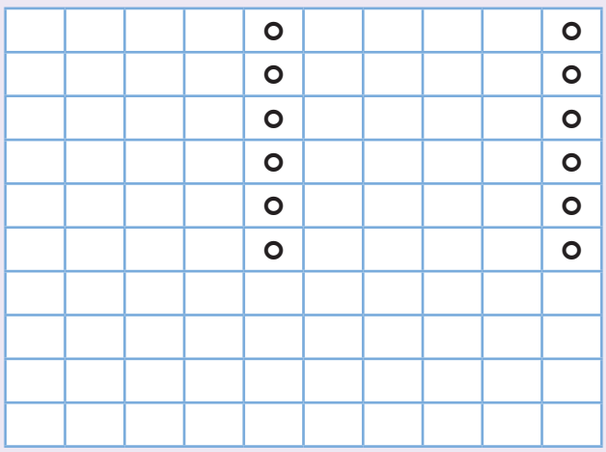
Dipaterone tsa keriti

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

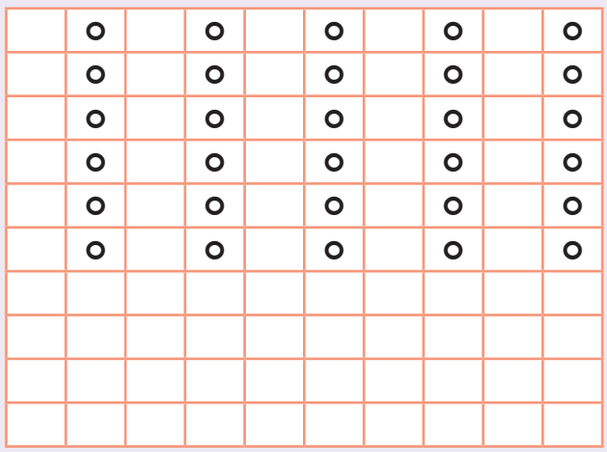
Thala didiko tse dingwe gape go feleletsa paterone e nngwe le e nngwe.

Kwala leina la phethene nngwe le nngwe.

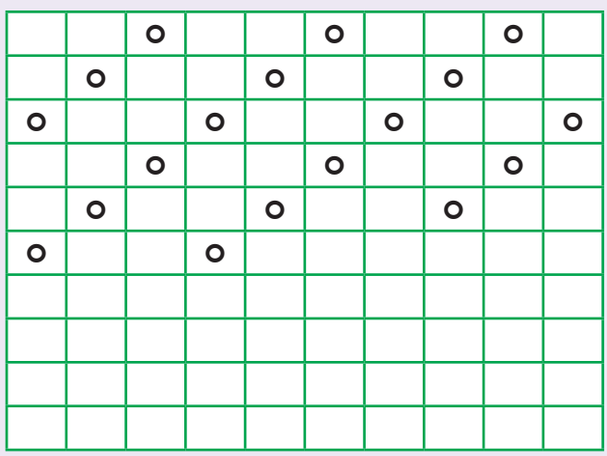
a. Paterone: _____



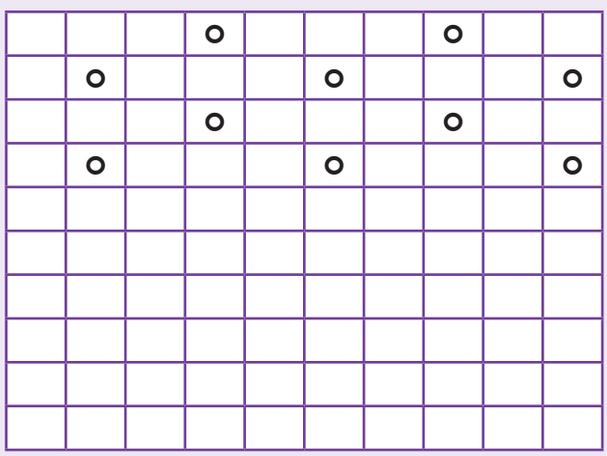
b. Paterone: _____



c. Paterone: _____



d. Paterone: _____



1 2 3 4 5 6 7 8 9 10

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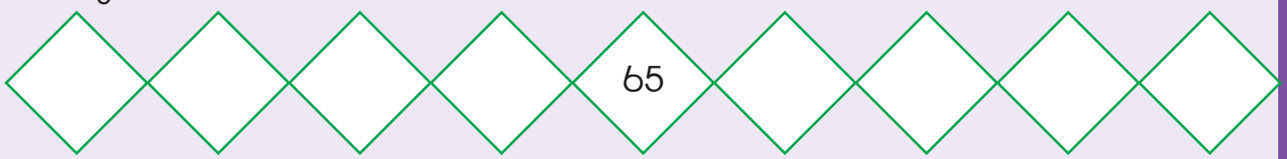


Itirele dipaterone tsa gago

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



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



Di tsena fa kae?

48 32 12 36 40 84 45

90 80 15 24 72 150 75

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

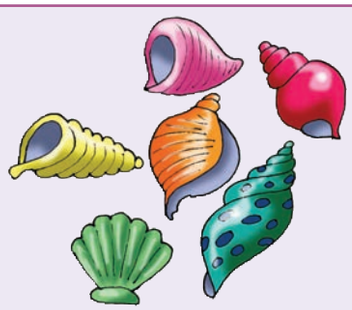
Kwa lewatleng

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: ____, ____.

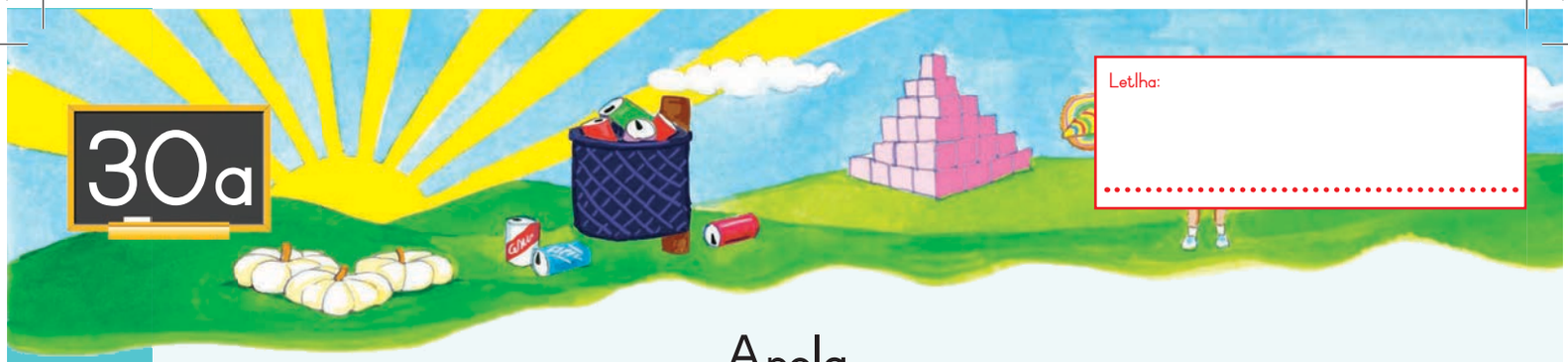
Thembo o na le dikgapa di le kae? _____"



Teacher:
Sign:
Date:

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30a

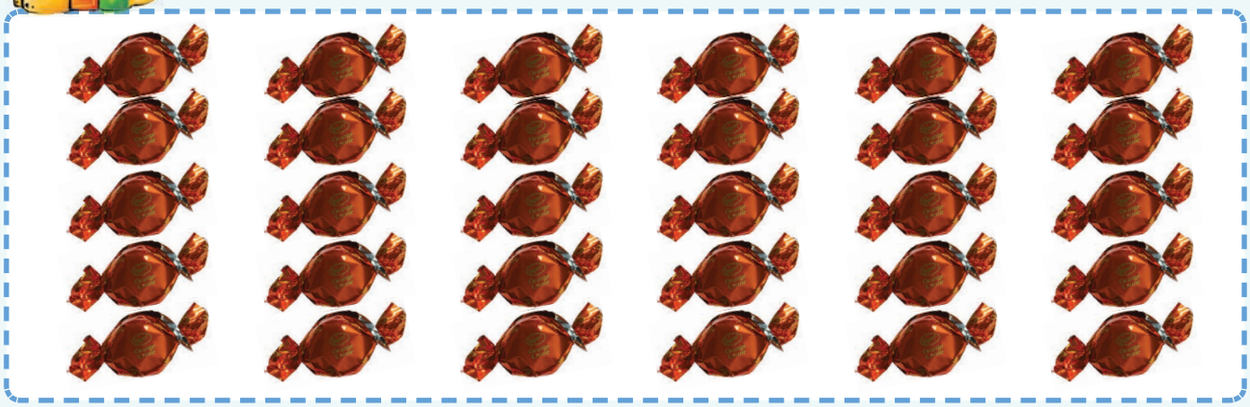
Letlha:

Kgwedi tharo I

Arola



Aroganya dimonamone:



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



Re kgona go e kwala jaaka 30 ÷ 2 = 15

b. Aroganya dimonamone magareng ga bana ba le 3.



÷ =

c. Aroganya dimonamone magareng ga bana ba le 5.



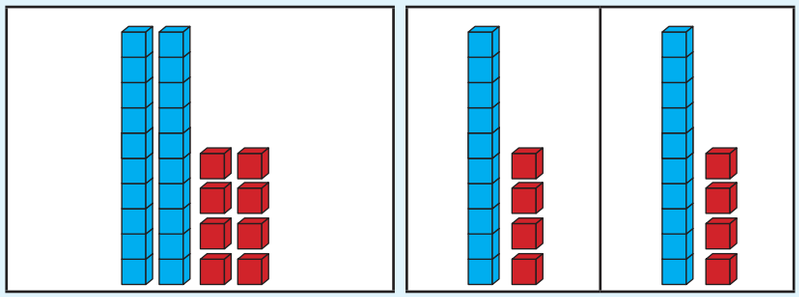
÷ =

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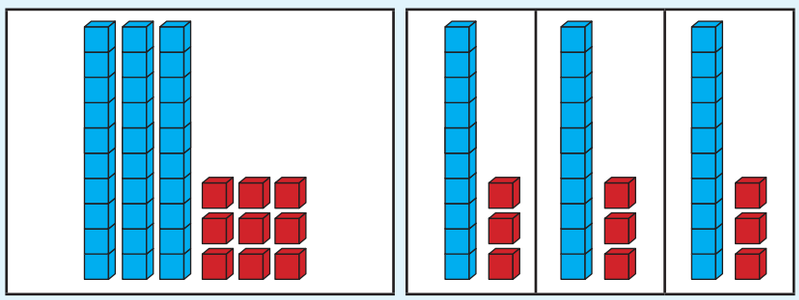
Re kgona go dirisa dibolokopalo go arola.



2 8 ÷ 2 = 1 4

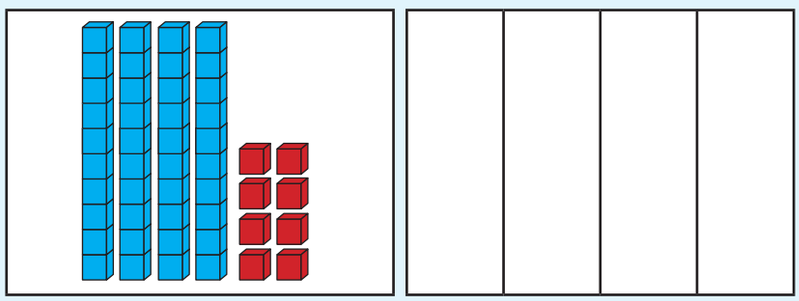
Jaanong dira tse.

a.



☐☐ ÷ 3 = ☐☐

b.



☐☐ ÷ 4 = ☐☐

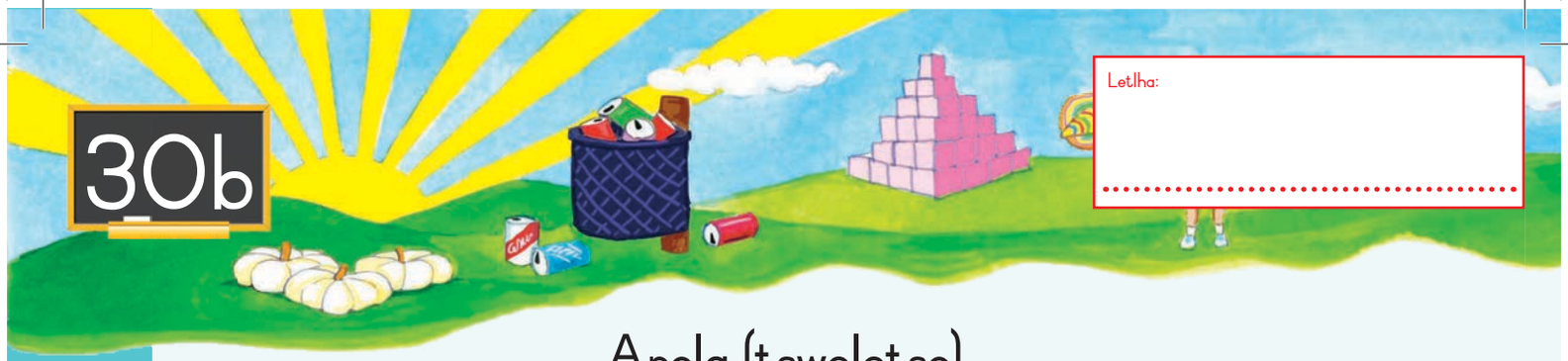
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30b

Letlha:

Kgwedi tharo I

Arola (tsweletso)



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

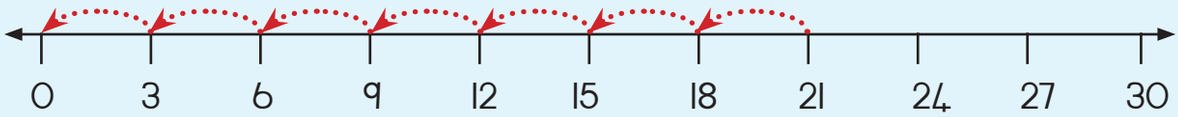
Sekao:



16 – 2 – 2 – 2 – 2 – 2 – 2 – 2 – 2 = 0

16 ÷ 2 = 8

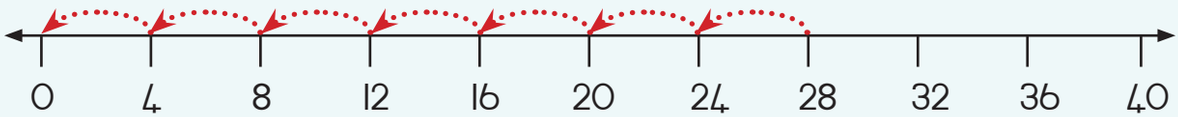
a.



21 – _____ = _____

☐ ÷ ☐ =

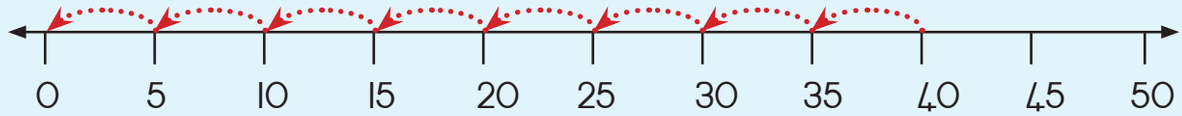
b.



28 – _____ = _____

☐ ÷ ☐ =

c.

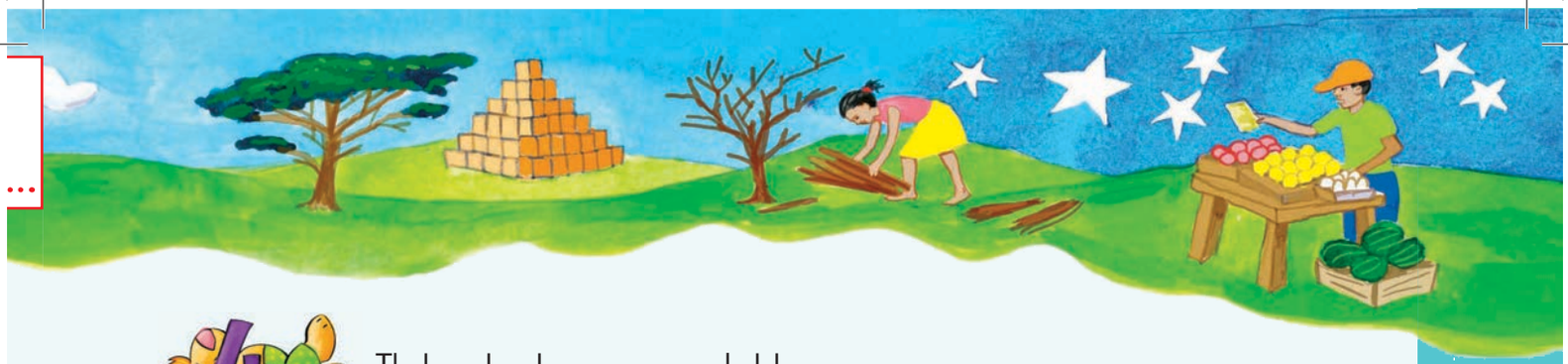


___ – _____ = _____

☐ ÷ ☐ =

1 2 3 4 5 6 7 8 9 10

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Thala molapalo mme o o rarabolole.

a. 30 ÷ 5 =

b. 22 ÷ 2 =

c. 27 ÷ 3 =

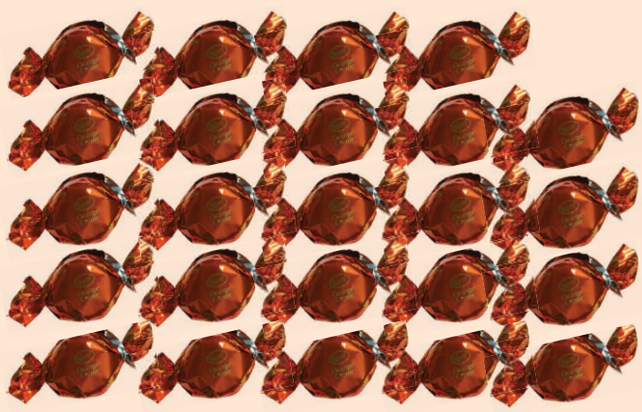
d. 32 ÷ 4 =

e. 25 ÷ 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.



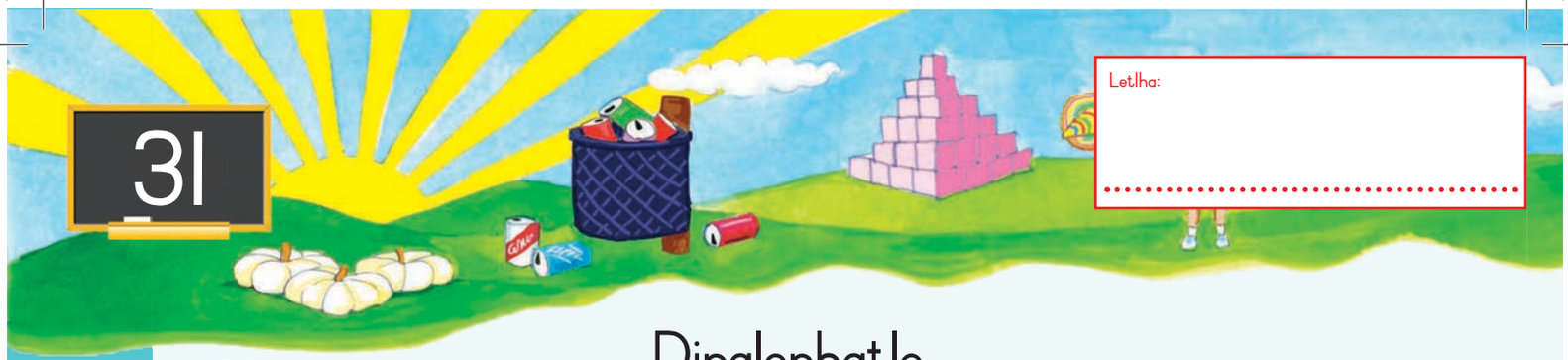
Teacher:

Sign:

Date:

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31

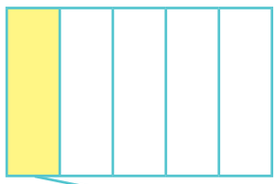
Letlha:

Kgwedi tharo I

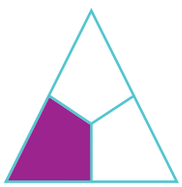
Dipalophatlo



Thala mela go golaganya sebopego le palophatlo



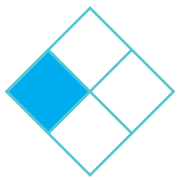
Nngwetharong $\frac{1}{3}$



Nngwetlhanong $\frac{1}{5}$



Kotara e le nngwe $\frac{1}{4}$



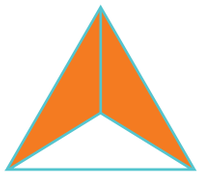
Halofo e le nngwe $\frac{1}{2}$



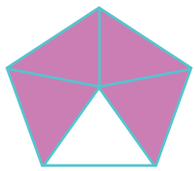
Dikotara di le tharo $\frac{3}{4}$



Nnetlhanong $\frac{4}{5}$



Palogotlhe e le nngwe 1



Peditharong $\frac{2}{3}$

Arola mme o khalare:

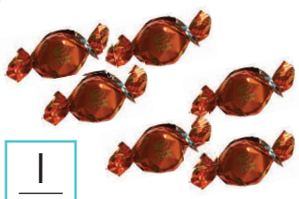
$\frac{1}{2}$ Halofo e le nngwe

$\frac{1}{3}$ 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



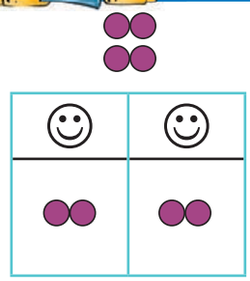
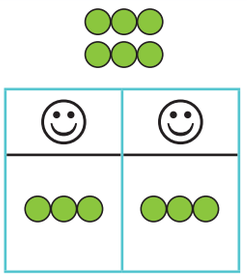
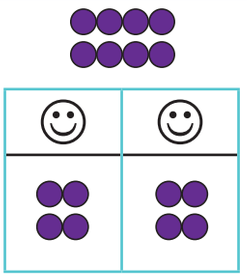
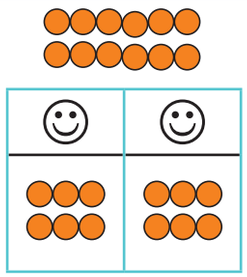
$\frac{1}{5}$ Nngwetlhanong

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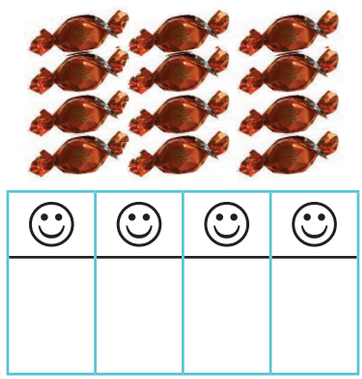
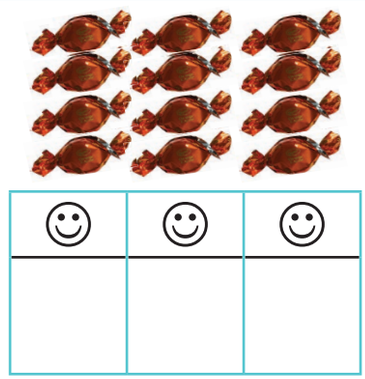
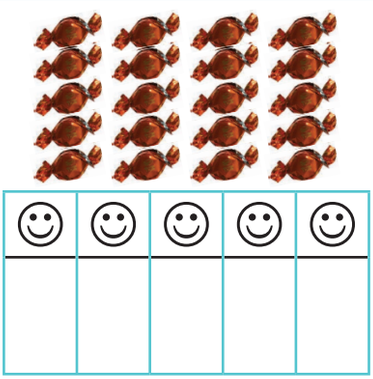


Aroganya dibadi magareng ga bana ba babedi.

			
• Re amogetse dibadi di le 2 mongwe le mongwe. • $\frac{1}{2}$ 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 ___.
$4 \div 2 = 2$	___ ÷ ___ = ___	___ ÷ ___ = ___	___ ÷ ___ = ___



Aroganya dimonamone magareng ga bana.

		
• $\frac{1}{4}$ 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 = ___	



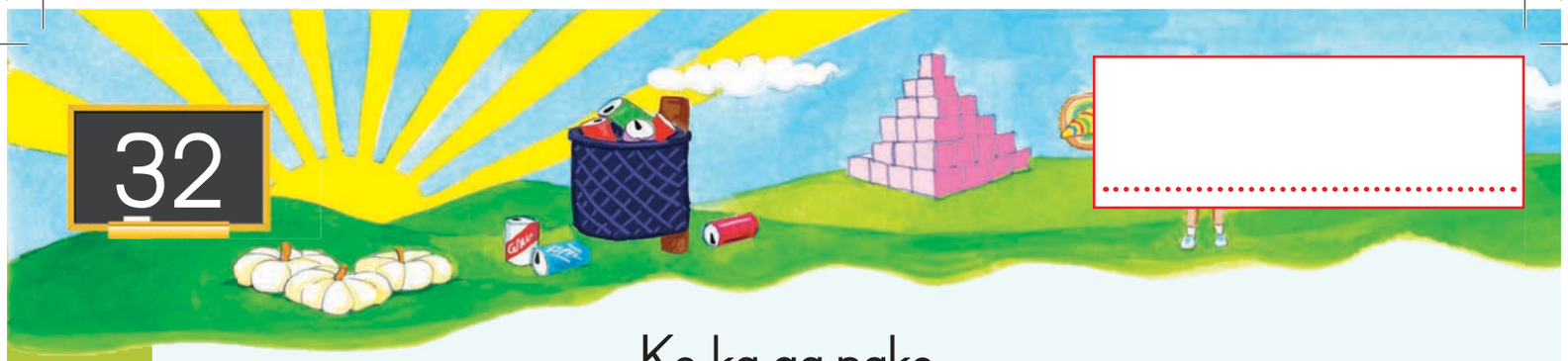
Teacher:

Sign:

Date:

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32

Ke ka ga nako

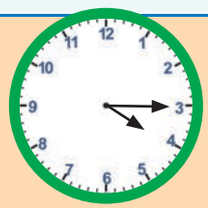


Tsamao ya nako

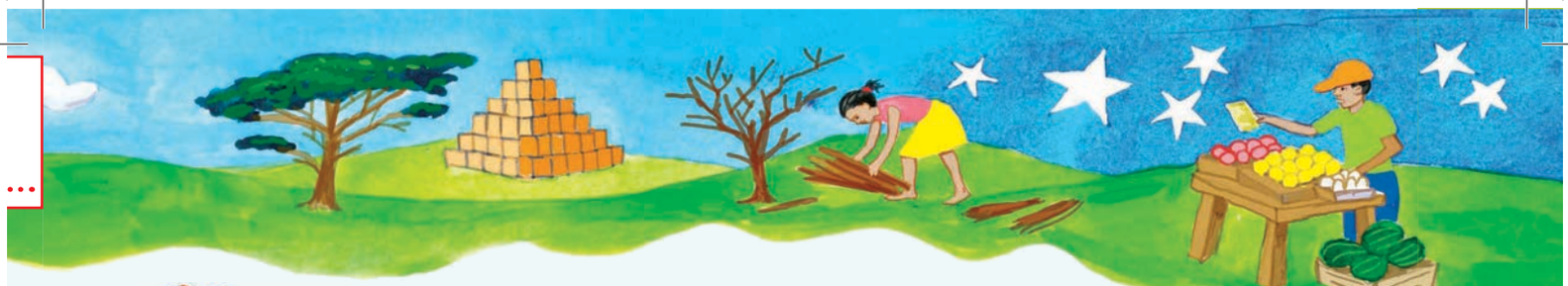
Re ka kwala nako e e tshwanang ka ditsela tse di farologaneng.

		
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.

		
_____ _____	_____ _____	_____ _____

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Go 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 …



Go 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

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

Motsheganong

Mop	Lbi	Lro	Lbe	Lbo	Lmo	Lti
		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		

Seetebosigo

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

Moranang 27 ke Letsatsi la Kgololosego.

Seetebosigo 16 ke Letsatsi la Baswa.

a. Moranang 27 ke Letsatsi la Kgololosego. Seetebosigo 16 ke Letsatsi la Baswa.

b. Go tswa go Letsatsi la Kgololosego go ya go Letsatsi la Baswa go na le dikgwedi tse di tletseng di le _____, dibeke tse di tletseng di le _____ le malatsi a le _____.

c. Ke dibeke tse di tletseng di le kae gotlhe? _____ Ke malatsi a le kae ao e leng masaledi? _____. Ke malatsi otlhe a le makae? _____.

d. 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 Baswa. Ke mang yo mogolo? _____ Ka malatsi a le makae? _____

Netefatsa. Bapisa. Siamisa.

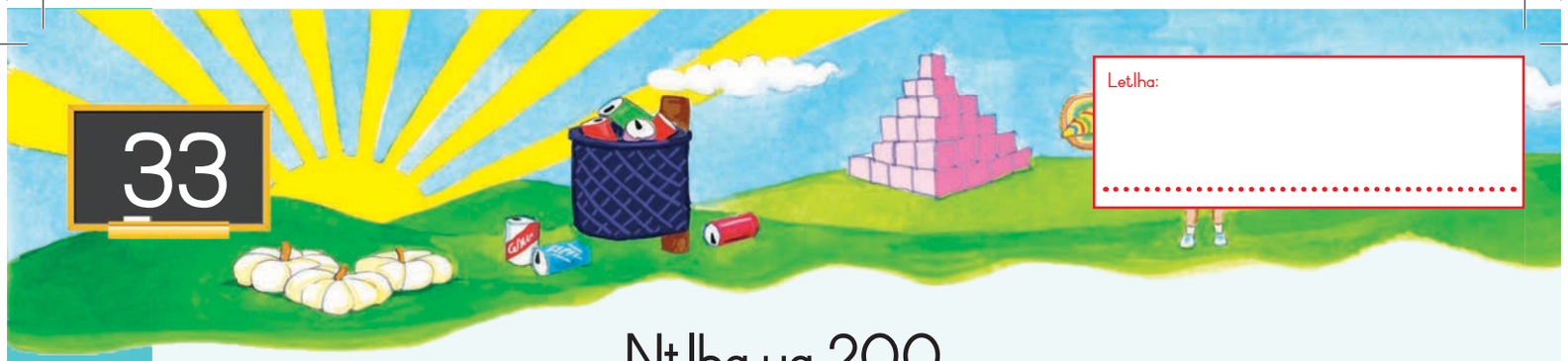
Teacher:

Sign:

Date:

1 2 3 4 5 6 7 8 9 10

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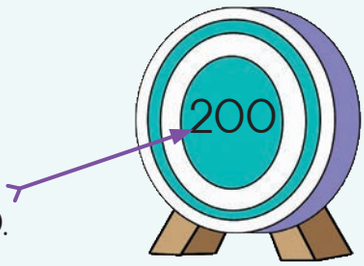


Letlha:

Ntlha ya 200



Go bala dinomore



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

Supa fa o ntse o tsamaya.



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



Kwala dinomore

a. Kwala palo e e tlogetsweng mo sekwereng se sengwe le se sengwe se se botala jwa legodimo.

b. Kwala dipalo tsotlhe tse di setseng.

c. Kwala dinomore di le 10 tse di latelang morago ga 200.

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

1 2 3 4 5 6 7 8 9 10

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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 nnyennye 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 → ____ → 145 → ____ → 151 → ____ → 157 → ____ → 168

Bokhutlo

Teacher:
Sign:
Date:

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34

Letlha: .....

Go dira ka ditlhopha 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? _____

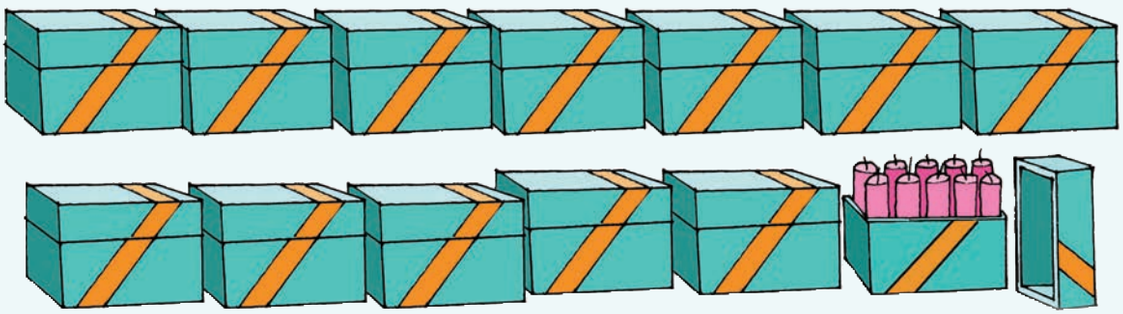
1 2 3 4 5 6 7 8 9 10

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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 tlatsa 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 _____

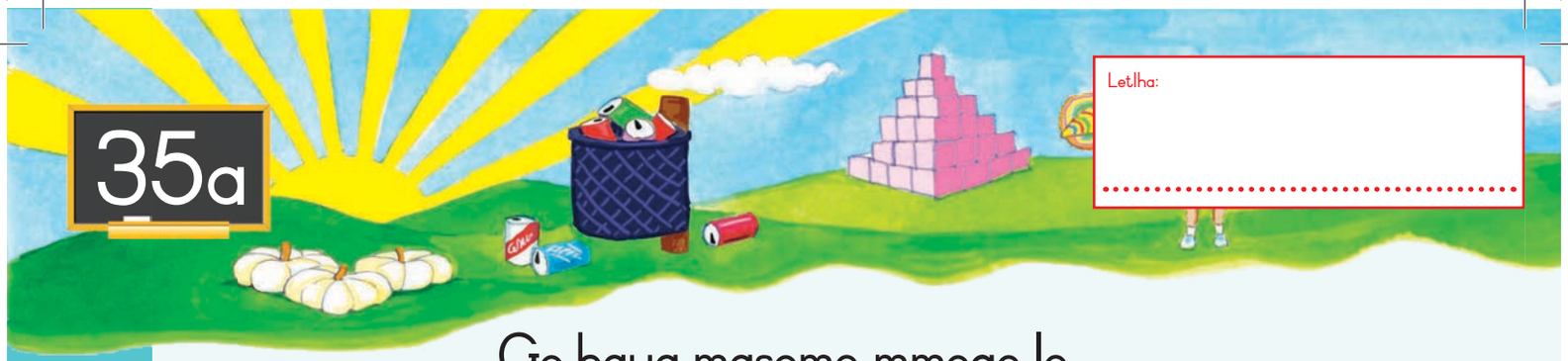
c. O tlhoka mabokoso a le makae go:

40 _____ mabokoso	70 _____ mabokoso
50 _____ mabokoso	30 _____ mabokoso

Teacher:
Sign:
Date:

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35a

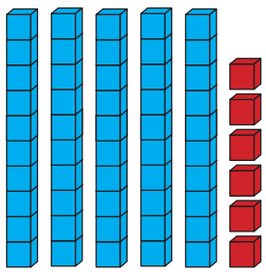
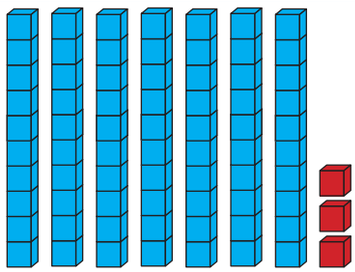
Letlha:

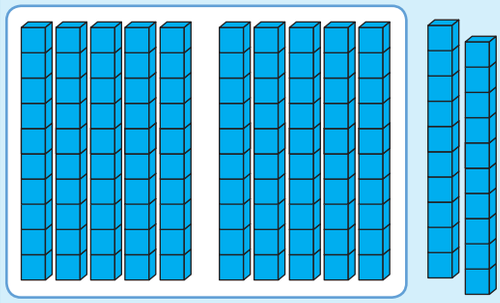
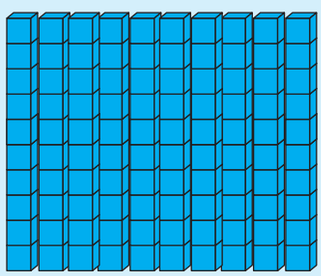
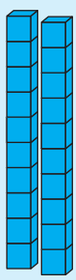
.....

Go baya masome mmogo le go a aroganya

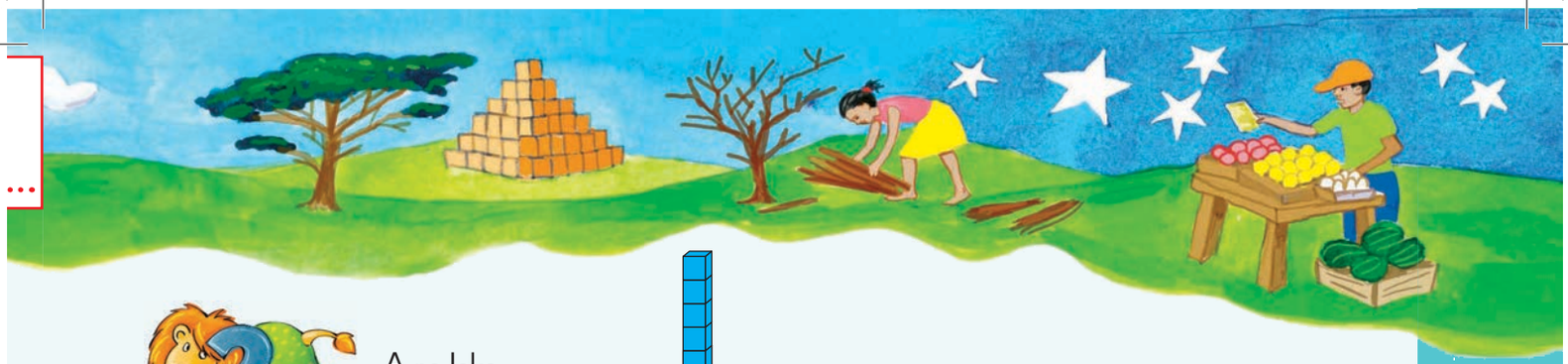


Go baya masome mmogo fa re tlhakanya go 999

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

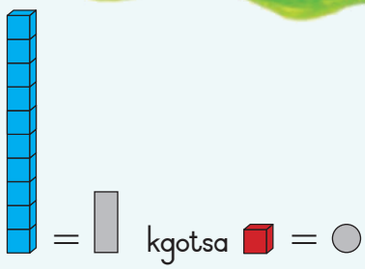
100s	10s	1s
		
Mmogo re na le bolesome ba le 12. Re ka baya masome a le 10 mmogo go dira lekgolo le le 1.		
		

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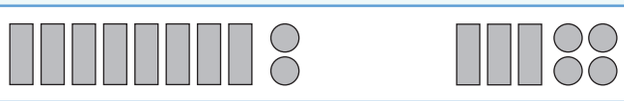




A re leke



Sekao: 82 + 34



100 + 20 + 6 = 126

b. 65 + 52

c. 76 + 63

d. 86 + 65

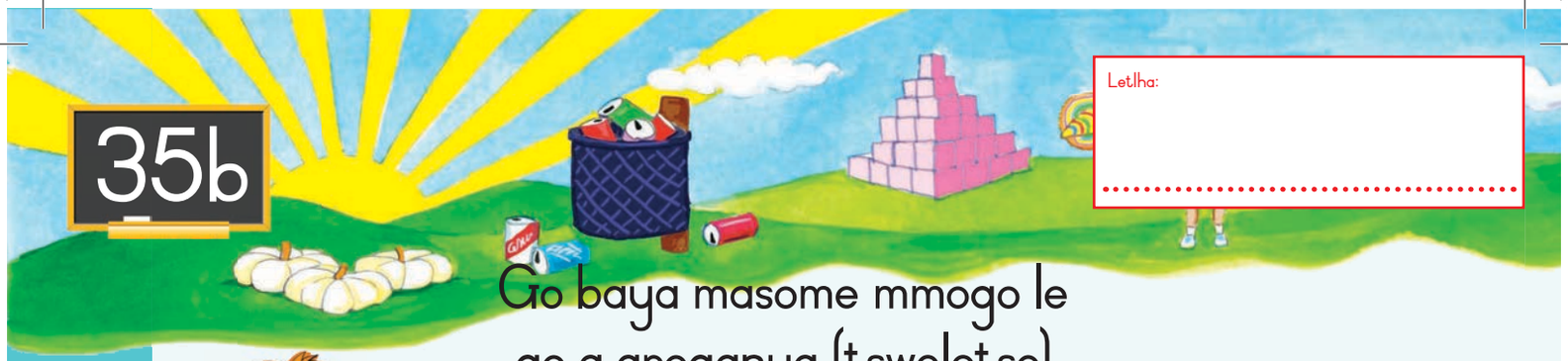
Teacher:

Sign:

Date:

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35b

Letlha: .....

Go baya masome mmogo le go a aroganya (tsweletso)



Baya ditlhopha mmogo

Dirisa diboloko tsa gago tsa bolenkemedi.

Dirisa diboloko tsa kemopalo go dira dinomore tse pedi.	Tsotlhe di feletse ke masome a le makae? ke metso e le mekae?	A o beile masome kgotsa metso ka setlhopha? Netefatsa kemopalo fa o beileng ka ditlhopha 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 ___		

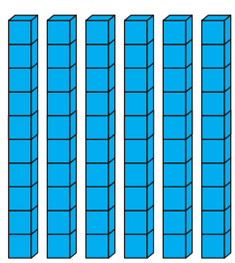
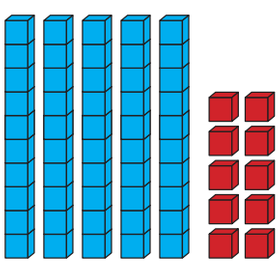
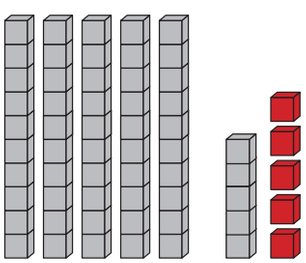


Go aroganya masome fa re ntsha

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

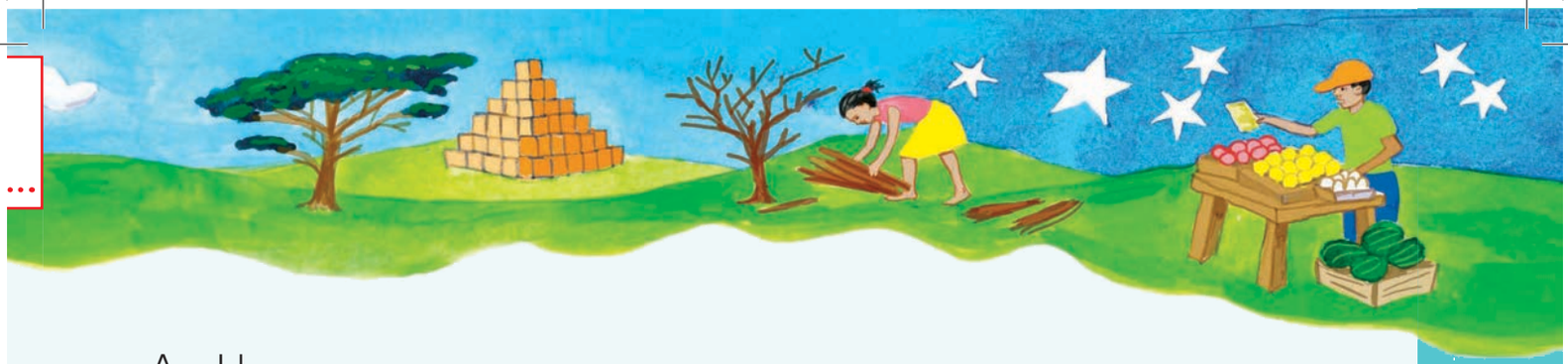
A re ntshe 60 – 55 =

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	

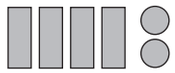
1 2 3 4 5 6 7 8 9 10

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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

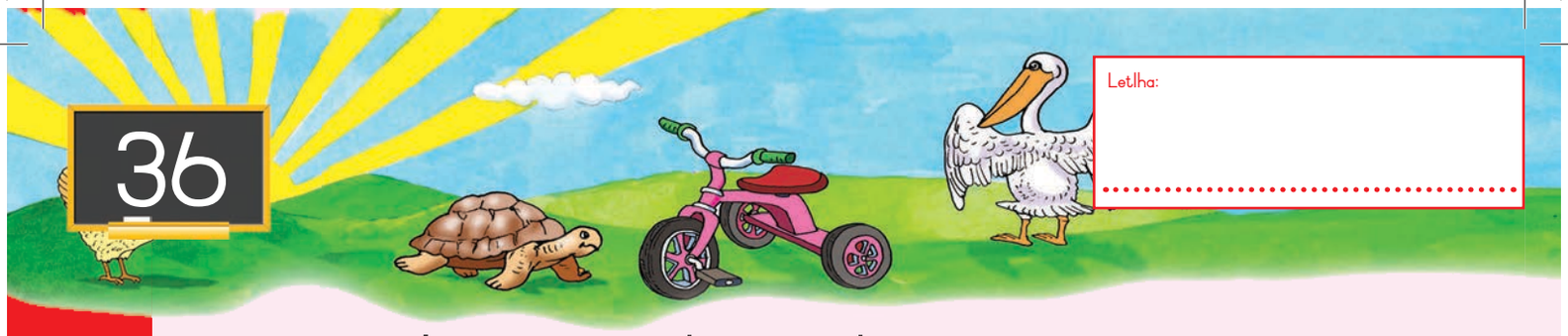
d.

200	
85	

Teacher:
Sign:
Date:

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36

Letlha: .....

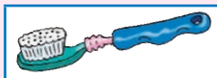
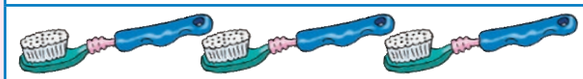
Leeto go ya kwa ngakeng ya meno



Setlhopha sa bana se etela kwa ngakeng ya meno.



Se ke se bana ba mmolelelang sona.  = lekgetlo le le 1

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

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

 Gangwe ka letsatsi	
 Gabedi ka letsatsi	
 Gararo ka letsatsi	

b. O ka bolela eng?

Bontsi jwa bana bo gotlha meno makgetlo a le _____ ka letsatsi.
Go na le bana ba le _____ mo setlhopheng.

1 2 3 4 5 6 7 8 9 10

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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.

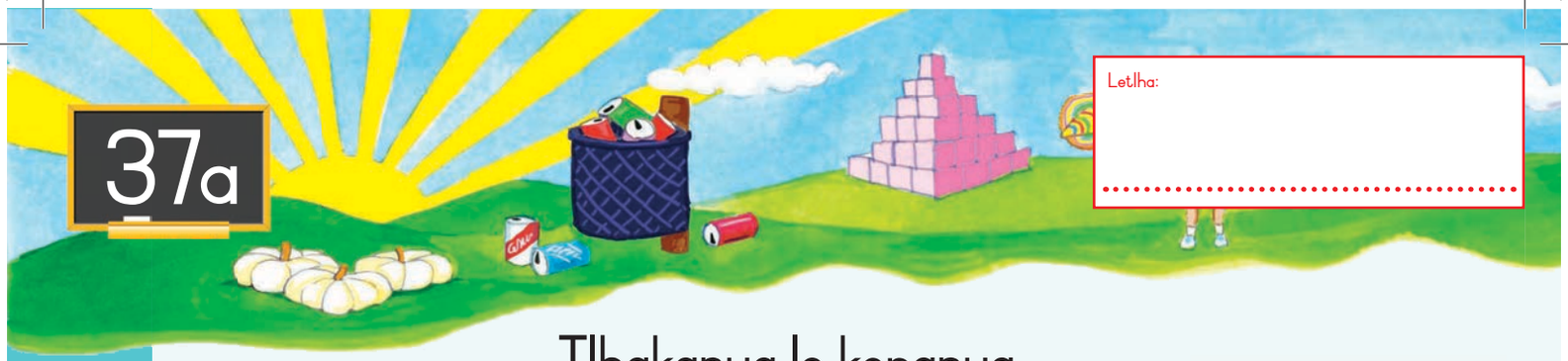
a. Ba tlhapa meno a bona gakae ka letsatsi? _____

b. Thala kerafo ya setshwantsho e e tshwanang le e e fa godimo go bontsha diphitlhelelo tsa gago.



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37a

Letlha:

Tlhakanya le kopanya

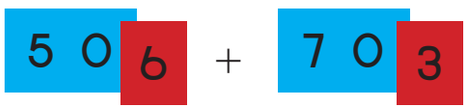


Go kwala palo ya gago



Busi a ka tlhakanya metso le masome a bo a di baya ka ditlhopha. 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 dinomore.

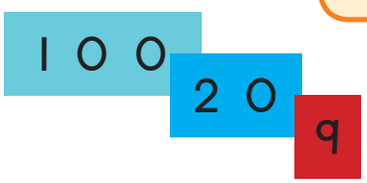
Jaanong mabapi le palo 56 + 73, o bona dikarata tse:



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



O itse: 50 + 70= 120.



O tsaya makgolo, bo20 le karata ya 9

go dira nomore ya dinoko tse 3.

O e kwala jaana:

50 + 70 + 6 + 3

= 50 + 70 + 9

= 120 + 9

= 129



Tumi o itse gore diboloko di bereka jang.

O bereka 56+73 jaana:

50 + 6 + 70 + 3

120 + 9

= 129



Aakar o rata go gaufetsa.

Bona gore o dira e jang:

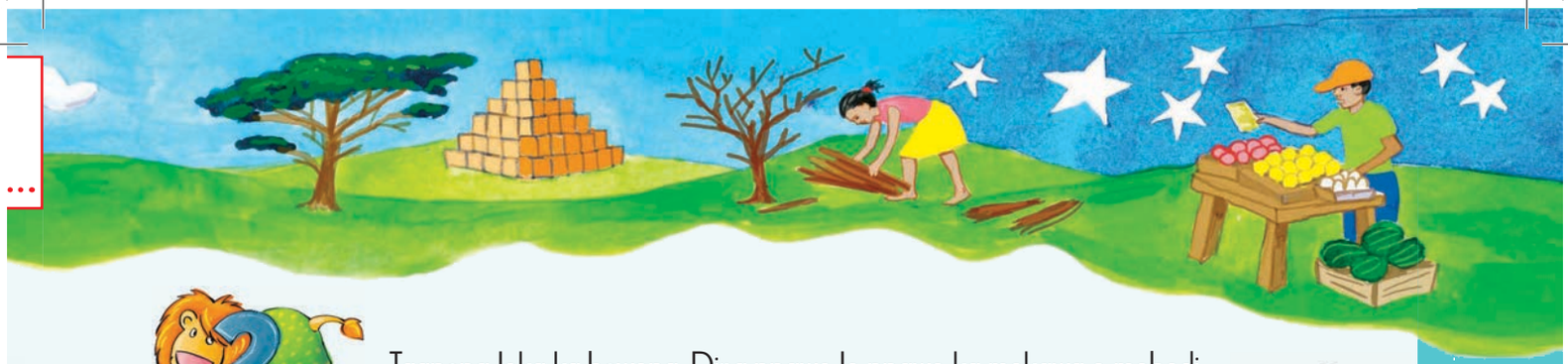
56 + 73

= 50 + 70 + 10 – 1

= 130 – 1 = 129

1 2 3 4 5 6 7 8 9 10

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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:

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37b

Letlha:

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

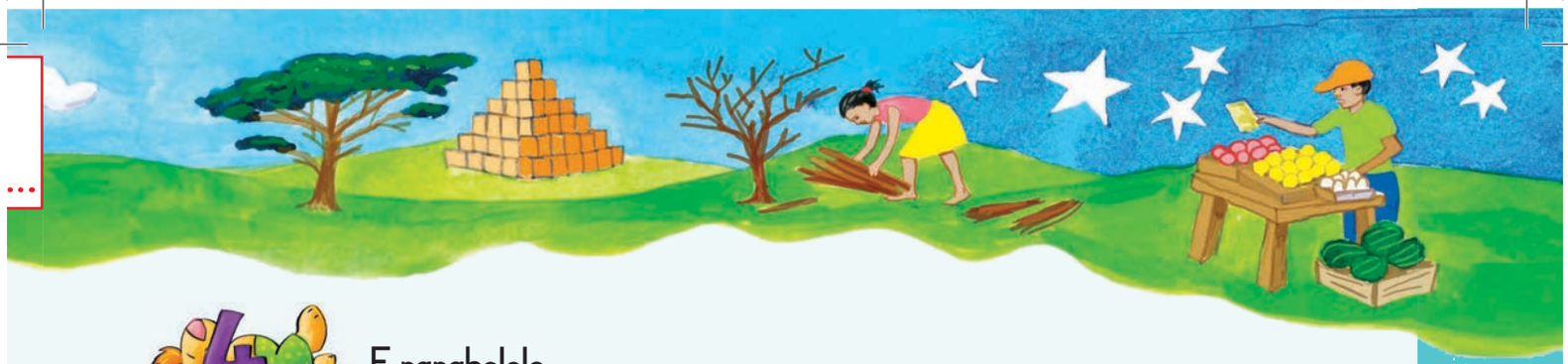
= 34

b. 95 – 73

c. 86 – 62

d. 85 – 69

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E rarabolole

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

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



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



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



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Date:

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38

Letlha:

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



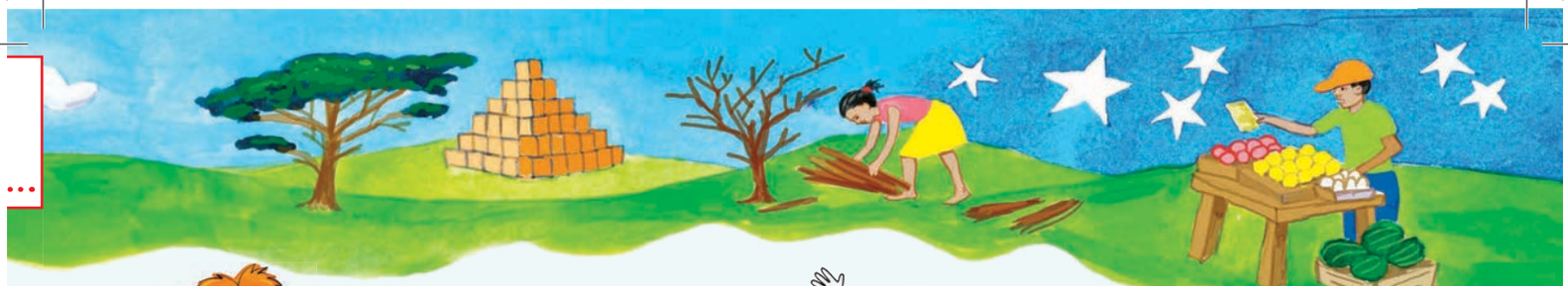
Musa



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?

1 2 3 4 5 6 7 8 9 10

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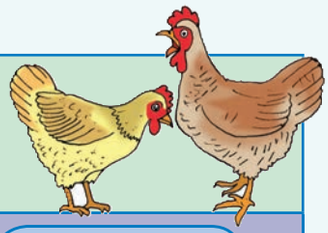




Katiso e nngwe



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

$60 + 90 + 9 + 5$

$= 100 + 50 + 14$

$= 150 + 10 + 4$

$= 164$



Tsela ya ga Aakar

$69 + 95$

$= 70 + 95 - 1$

$= 70 + 90 + 5 - 1$

$= 160 + 4$

$= 164$



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

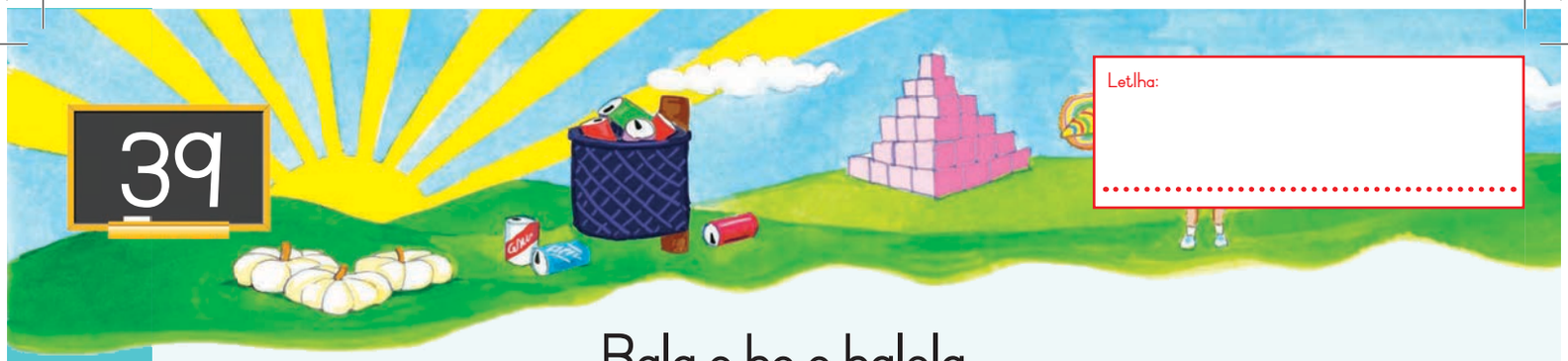
b. Sekolo se sengwe se kokoanya 76 kg ya dithini. Sekolo se sengwe se kokoanya 68 kg ya dithini. Ke di kg di le kae tsa dithini tse dikolo di le pedi di di kokoantseng mmogo fa di feletse?

Dirisa tsela ya ga Gugu. Netefatsa.	Dirisa tsela ya ga Aakar



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Letlha:

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.

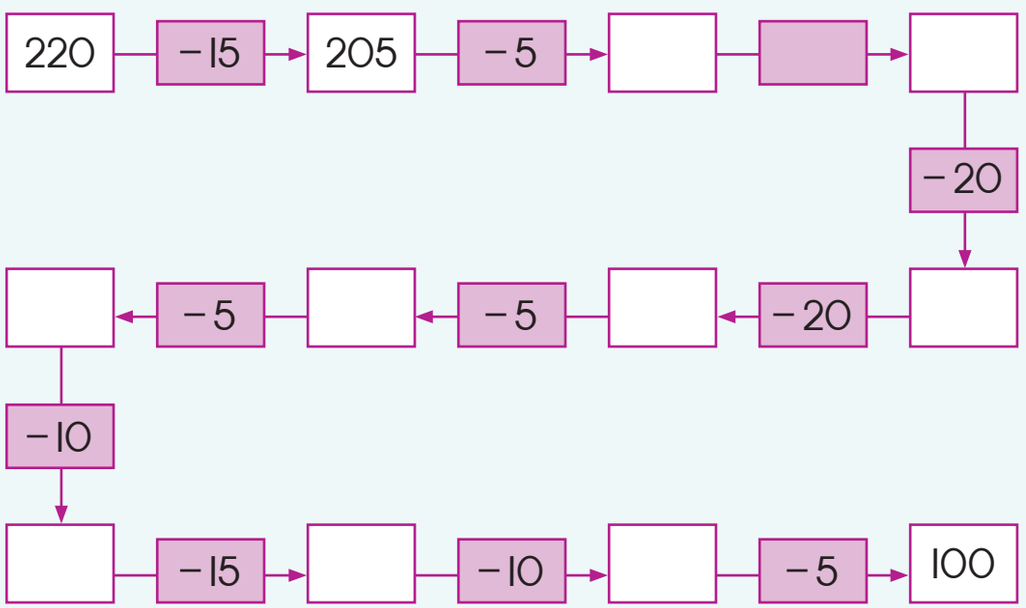
200	
	120



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.



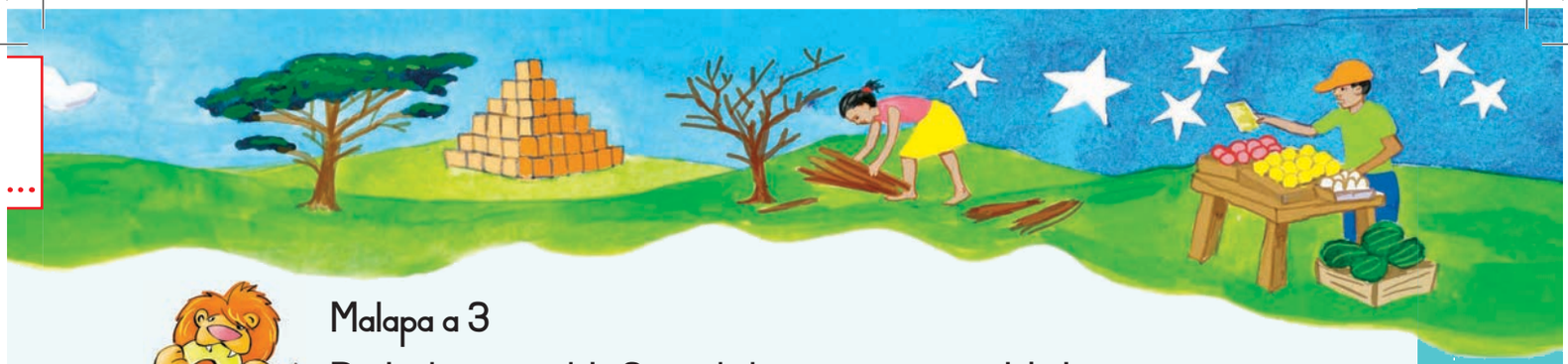
Fano ke tsela ya go netefatsa dikarabo tsa gago!

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

Mme jaanong o tsenye dipalo.

1 2 3 4 5 6 7 8 9 10

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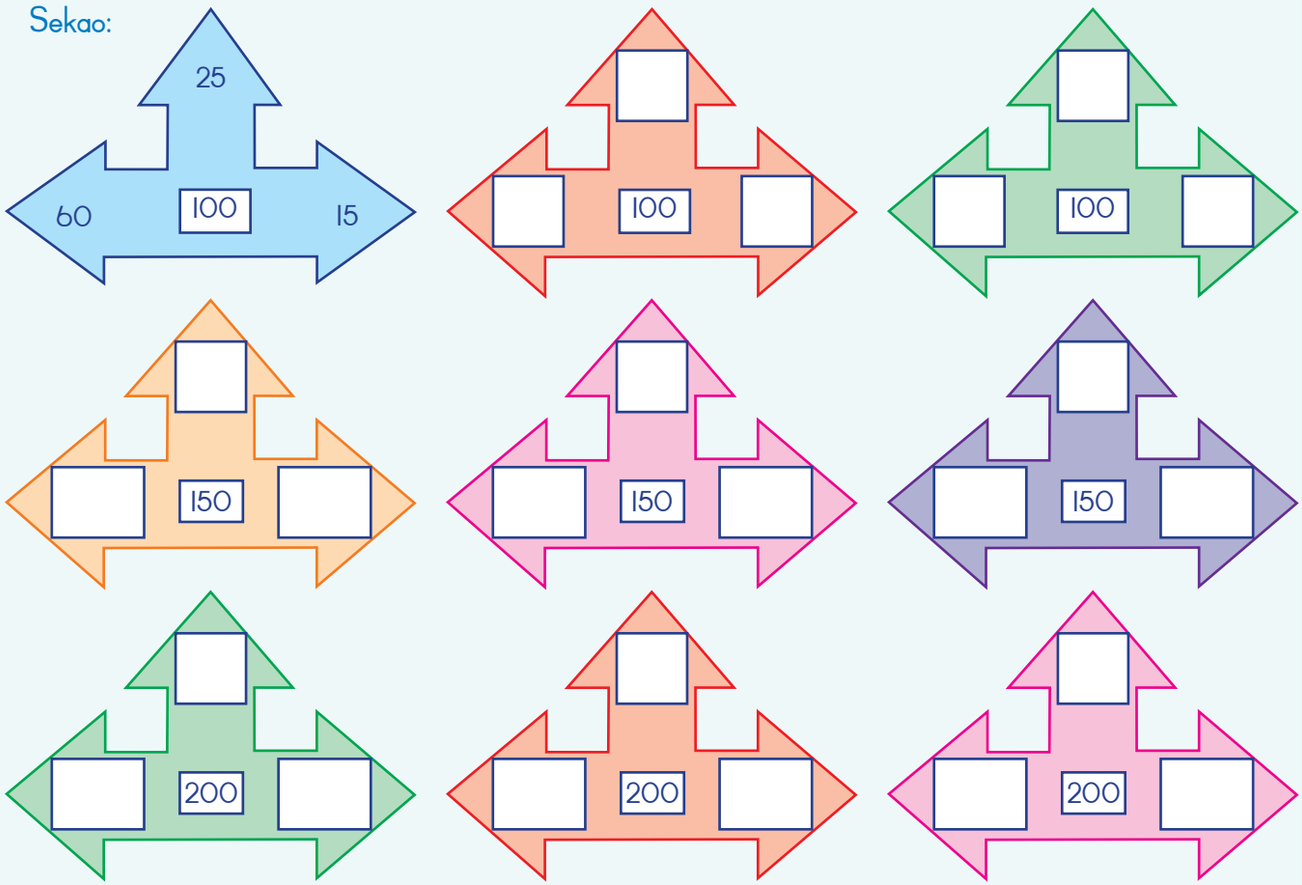


Malapa a 3

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

Molawana: Ke palo e le nngwe fela e e ka felelang ka 0.

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								



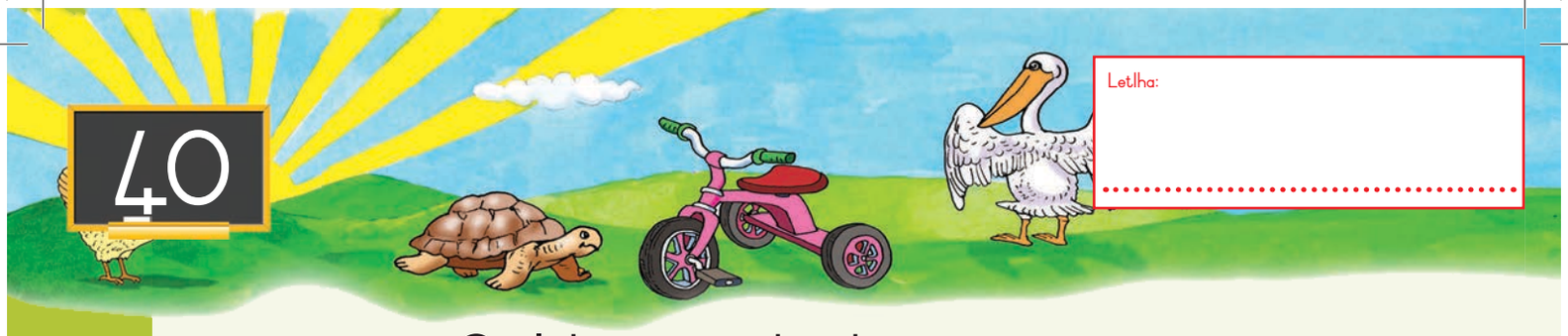
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Date:

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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 0.

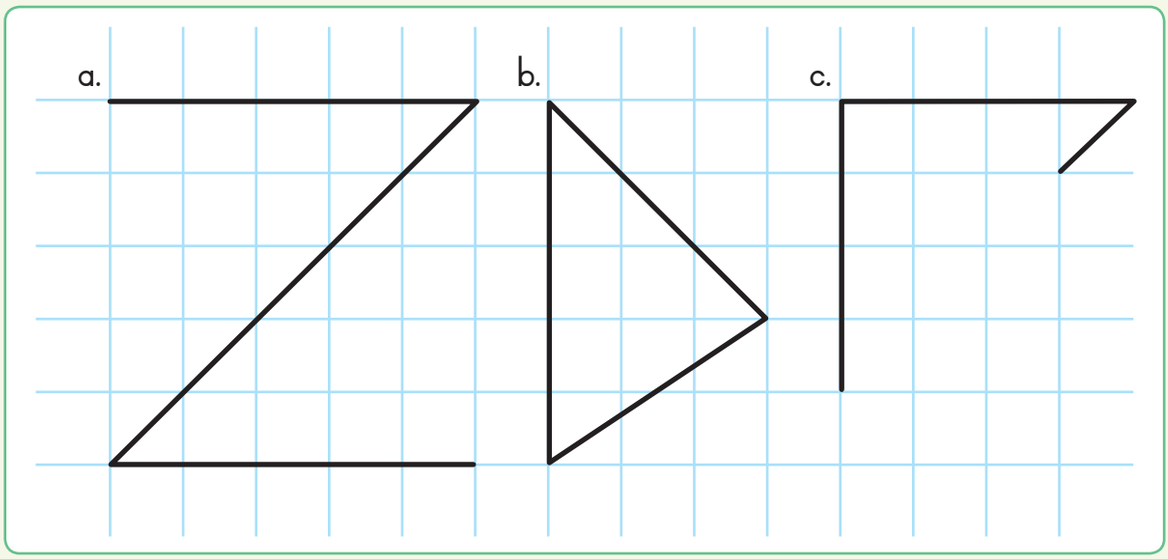
Dirula tse dingwe ga di bontshe 0 jaaka e e mo tsebeng e.

Batla cm ya lefela mo ruleng. Kwala 0 mo ruleng.

10 cm e fa kae mo ruleng e? Kwala 10 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

1 2 3 4 5 6 7 8 9 10

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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.

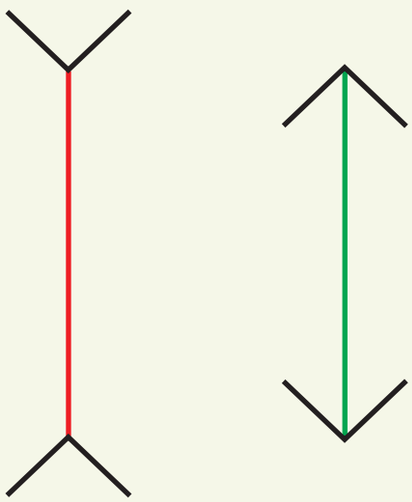
a. ———	☐ cm	d. |	☐ cm
b. ———————	☐ cm	e. ／	☐ cm
c. —	☐ cm	f. ＼	☐ cm



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 tsenang ka mo gare e dira gore mela e metala e bonale o kare e mekhutshwane.



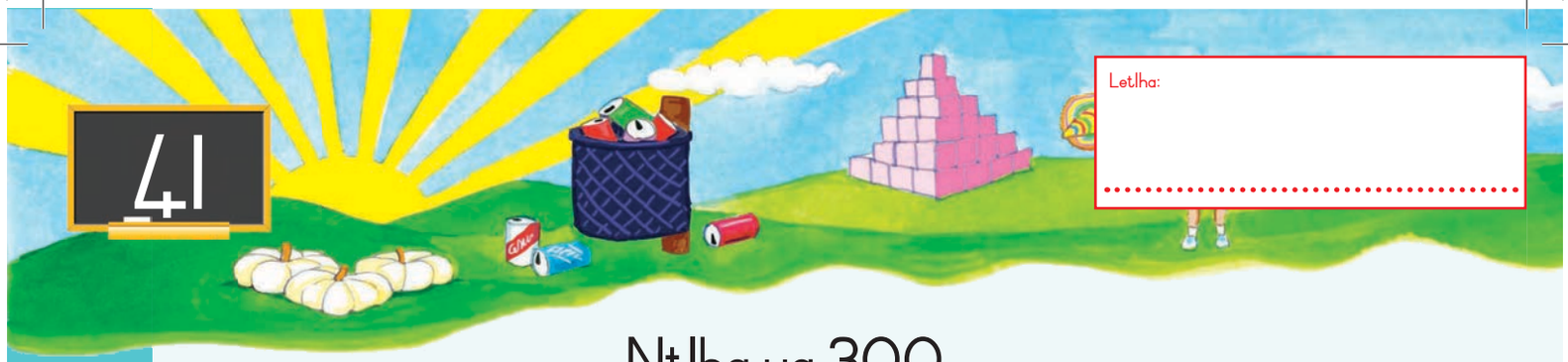
Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

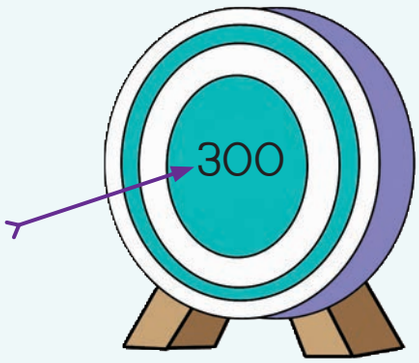
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Ntlha ya 300



Go bala le go kwala bo200



Bala go tswa go 201 go ya go 300.

Supa fa o ntse o ya.

Morago tlatsa dinomore tse di botala jwa legodimo pele.

Kwala dinomore tsotlhe tse di setseng.



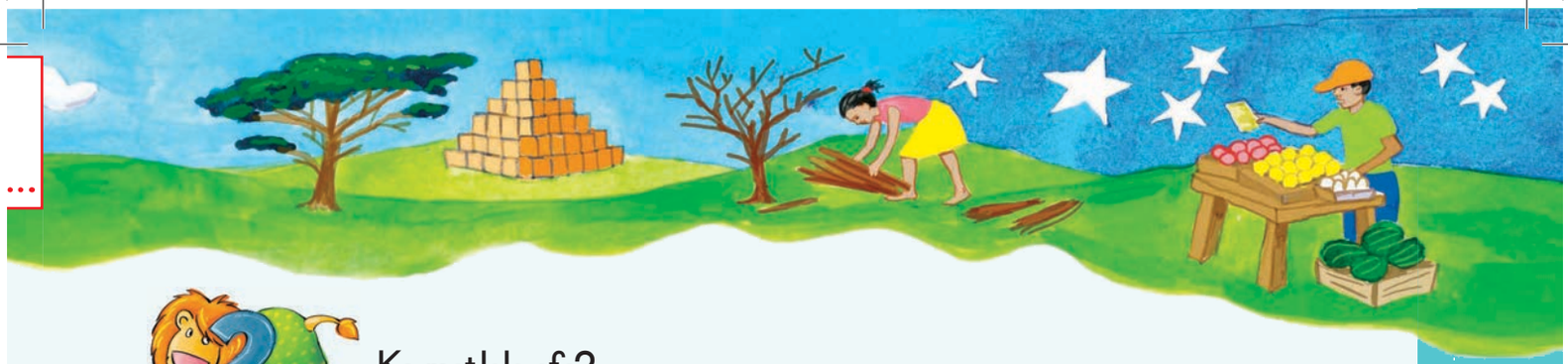
201						207			210
211									
221									
231									
								249	
			254						
				265					
		273							280
281					286				
							298		300

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

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

1 2 3 4 5 6 7 8 9 10

SET NUM G3 B1 9781431500116.indb 96 2014/05/05 2:59 PM





Ke motlolo ofe?

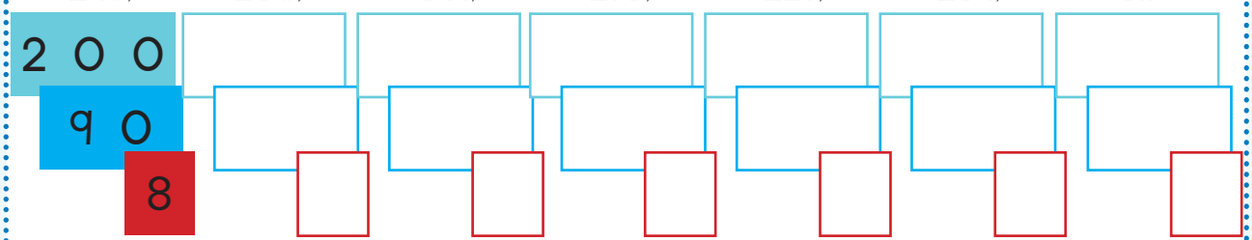
301		281					
		171					211
					101		



Go bontsha le go bapisa

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

298; 208; 301; 276; 227; 269; 311



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

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



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

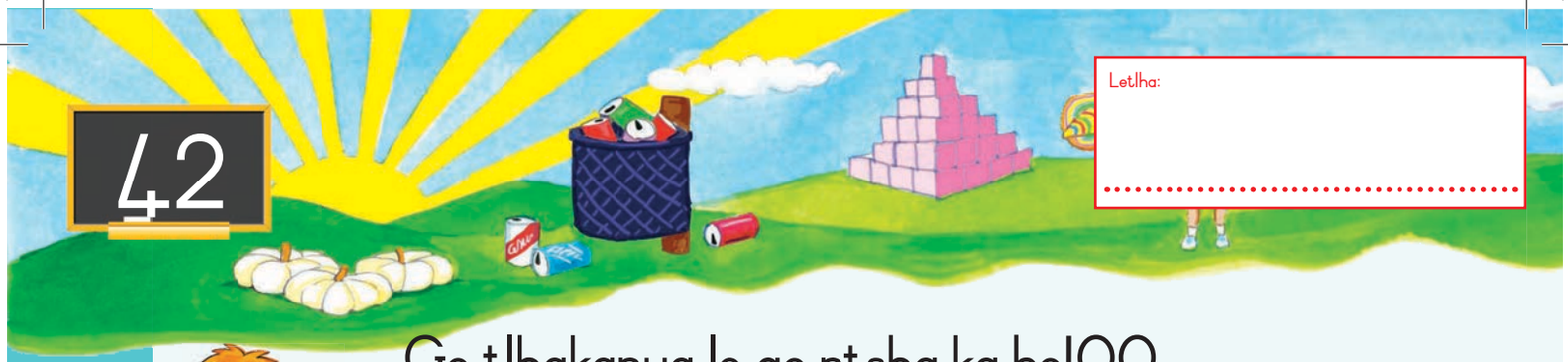
Simolola: 200 → +25 → 225 → ____ → 237 → ____ → 249 → ____ → 261

Bokhutlo: 300 ← ____ ← 286 ← ____ ← 278 ← ____ ← 261



11 12 13 14 15 16 17 18 19 20

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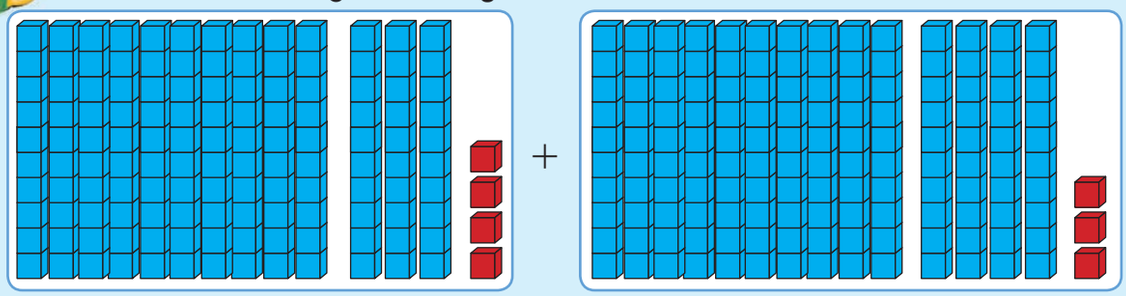
42

Letlha:

Go tlhakanya le go ntsha ka bo100



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

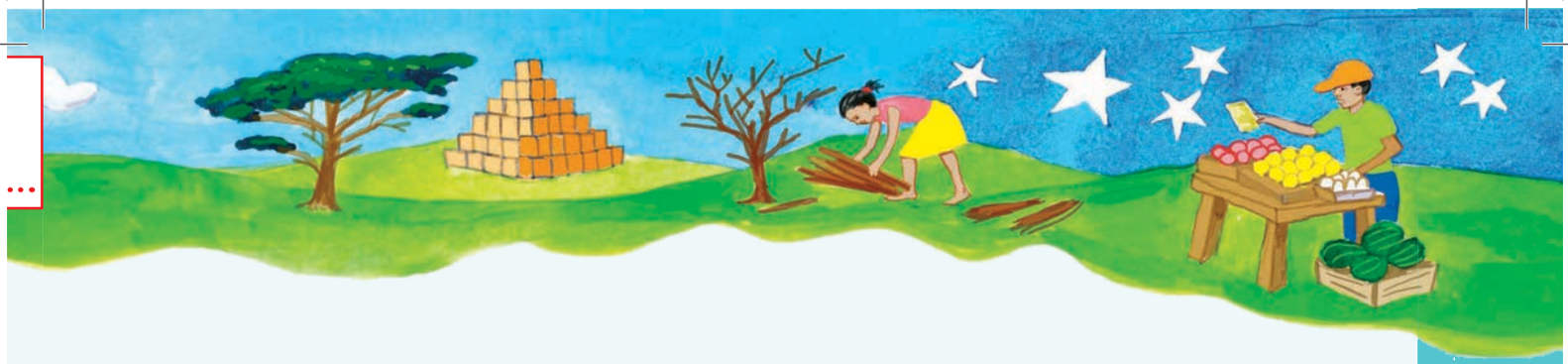
= 200 + 50 + 5

= 255

b. 114 + 162

1 2 3 4 5 6 7 8 9 10

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c. 276 + 148



Lebelela 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

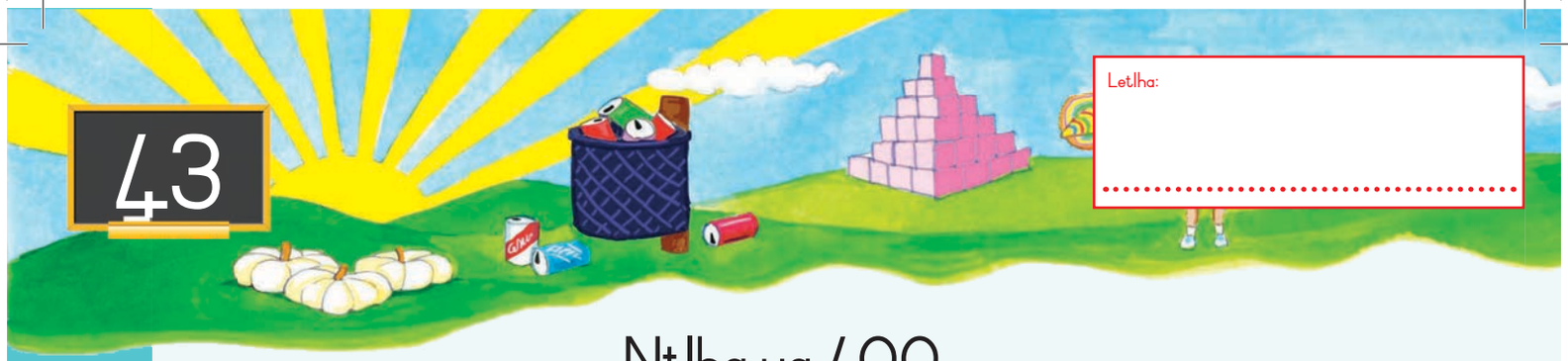
c. 288 – 199

Teacher:

Sign:

Date:

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43

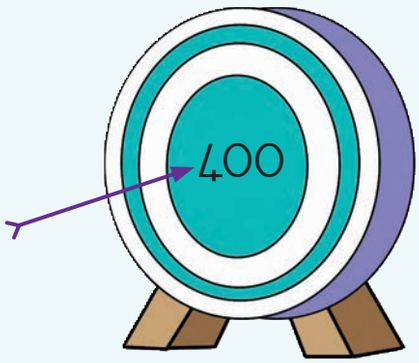
Letlha:

Kgwedi tharo 2

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

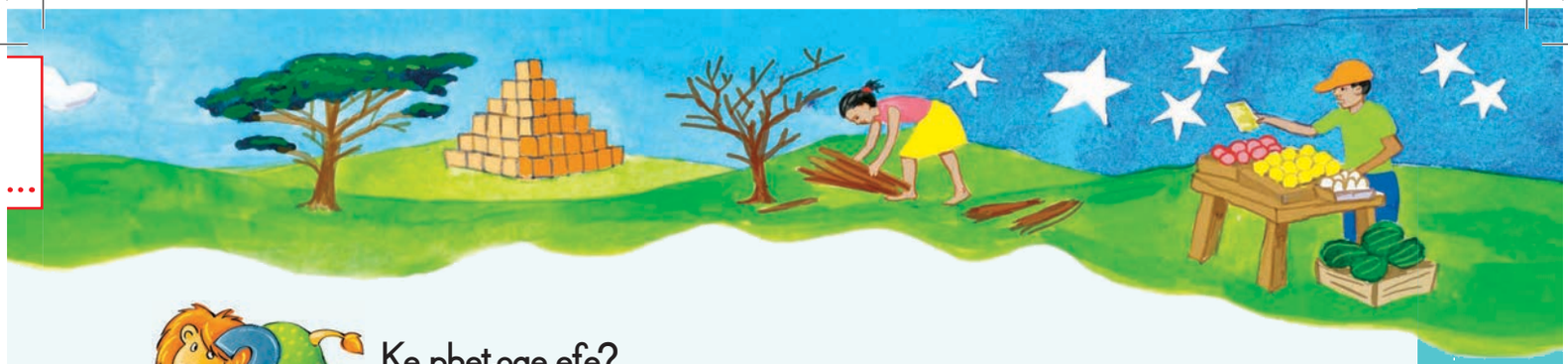


Kwala dipalo tse di latelang morago ga 400 di le 9.

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

1 2 3 4 5 6 7 8 9 10

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2 Ke phetoge efe?

a. Go balela kwa pele go tloga ka 300

Simolola 300 → +10 → ☐ → +10 → ☐ → +10 → ☐ → +10 → ☐ → +10 → ☐ Khutla

b. Bala go tloga ka 400

Simolola 400 → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ Khutla

3 Kwala jaaka palo e le nngwe.

300 + 20 + 4 = _____	300 + 10 + 5 = _____
300 + 50 + 3 = _____	300 + 70 + 7 = _____
300 + 60 + 2 = _____	300 + 90 + 9 = _____
300 + 80 + 1 = _____	300 + 40 + 8 = _____

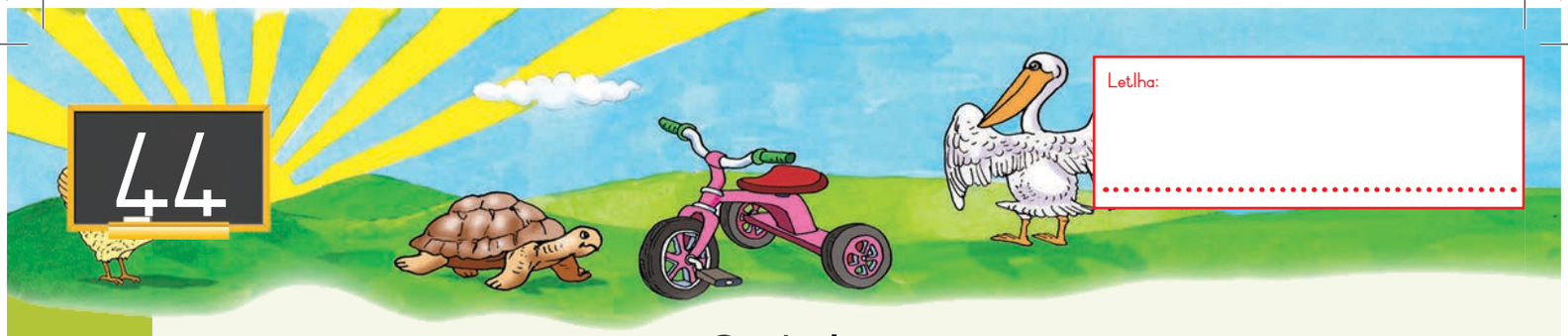
Kwala dipalo ka tatelano go tloga ka e nnyennye go fitlha ka e kgolokgolo.

_____, _____, _____, _____, _____, _____, _____, _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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44

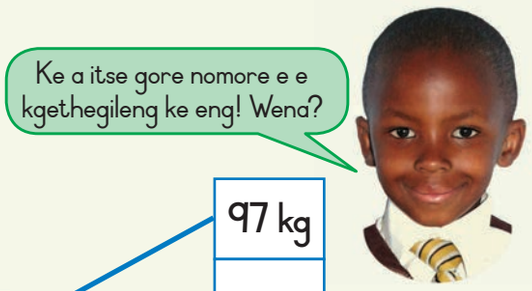
Letlha:

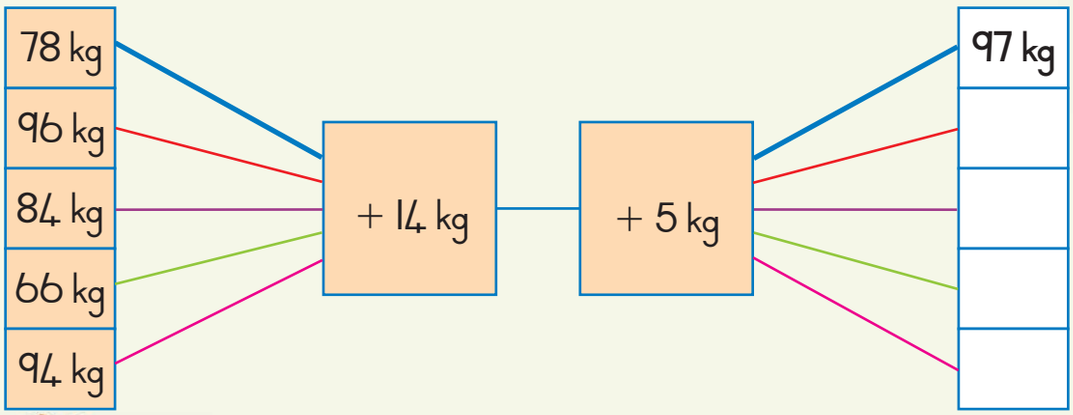
Go kala



Nomore e e kgethegileng

Tlhakanya o bo o kwala dikarabo.

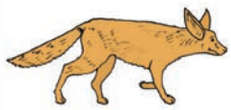
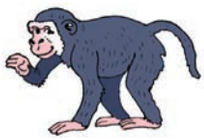






Go garela le go tlhakanya!

Nagana ka botlhale!

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

Golokeletsa boima jwa phologolo nngwe le nngwe go 10 kg.

_____

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

_____

Fopholetsa palogotlhe ya mmase wa diphologolo tse 5.

_____

1 2 3 4 5 6 7 8 9 10

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Tlhakanya mmase wa tsona

Nka tswa ke se boima jaaka wena. Khudu ya motsofe, fela ke netefatsa gore ke lebelonyana. Iobelo 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:

11 12 13 14 15 16 17 18 19 20

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45

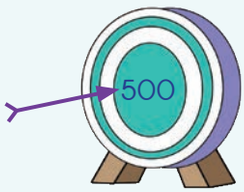
Letlha:

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

a. Balela go tswa go 400. Bolela dipalo fa o ntse o tsamaya.

b. Kwala dipalo tse di tlogetsweng mo keriting.

c. Kwala dipalo tse di latelang di le 9 morago ga 500.

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

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

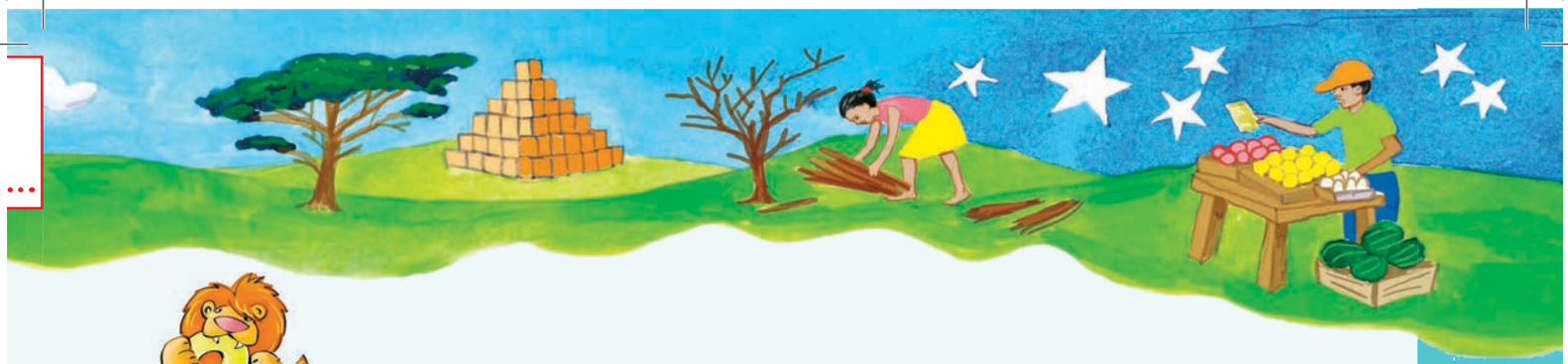
400; 402; _____; _____; _____; _____; _____; _____; _____; _____

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

400; 405; _____; _____; _____; _____; _____; _____; _____; _____

1 2 3 4 5 6 7 8 9 10

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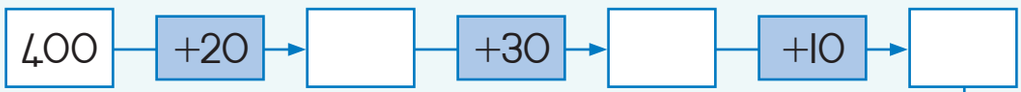


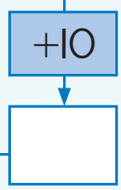


Phetogo ke eng?

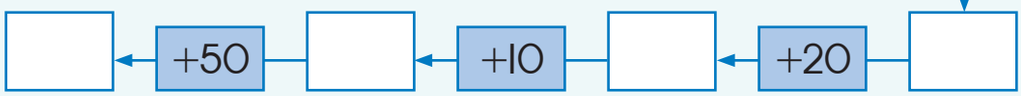
a. Balela kwa morago go tswa go 400.

Simolola



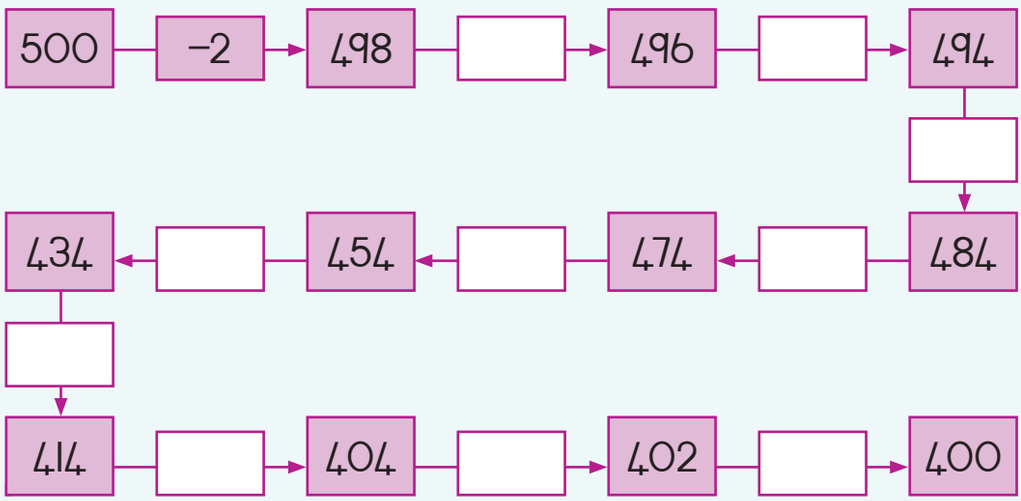


Bokhutlo



b. Balela kwa morago go tswa go 500.

Simolola



Bokhutlo



Go bontsha dipalo. Sala sekao morago

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		









11 12 13 14 15 16 17 18 19 20

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46

Letlha:

Tsweletso ya go tlhakanya le go ntsha

O lemoga eng?

200 + 50 + 4 200 + 30 + 5	400 + 80 + 9	489



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

a. 245 + 231



Mokgwa wa ga Busi

= 200 + 200 + 40 + 30 + 1

= 400 + 70 + 1

= 471



Mokgwa wa ga Tumi

245 + 231

= 400 + 70 + 6

= 471

b. 278 + 136

c. 265 + 148

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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

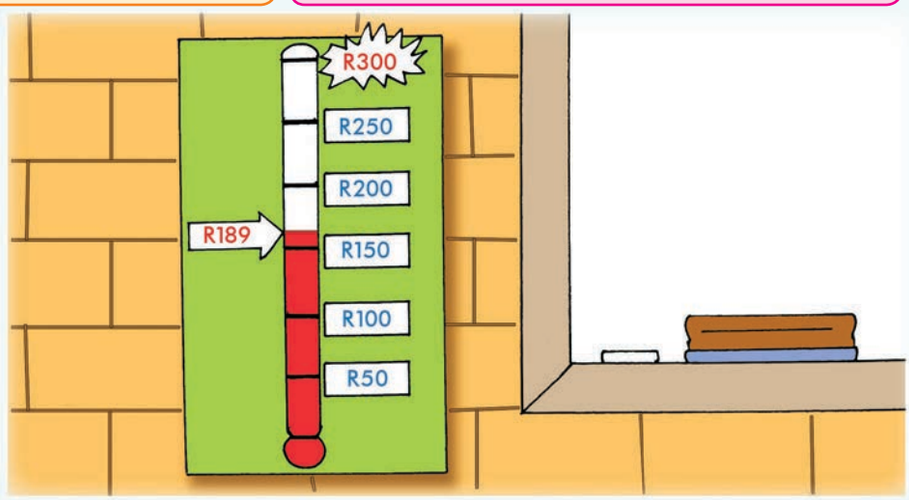
= 152

b. 489 – 456

c. 482 – 161



Go fitlhelela ntlha



Ithute setshwantsho

Ke bokae gape go fitlhelela ntlha?

R

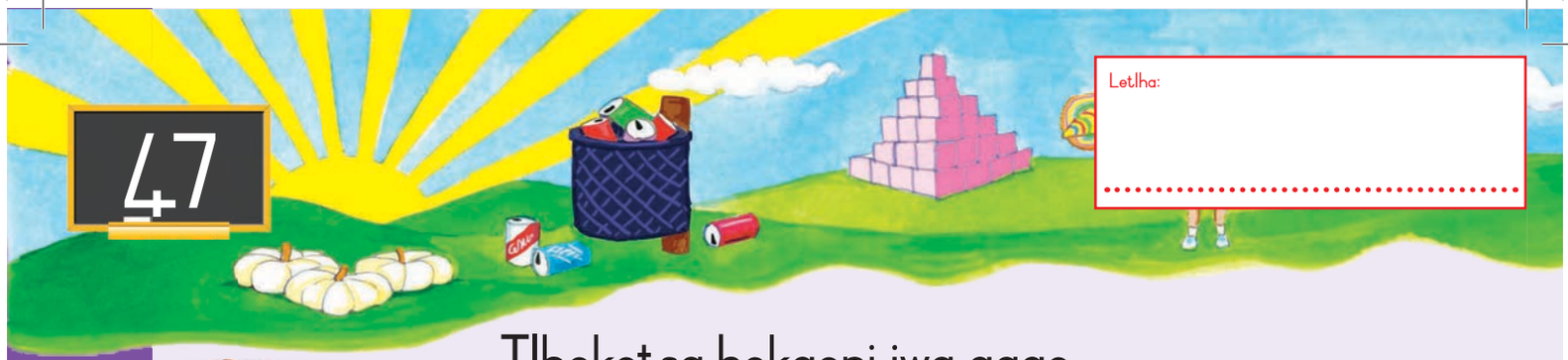
Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

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47

Letlha:

Kgwedi tharo 2

Tlhokotsa bokgoni jwa gago



Thaba ya sephiri

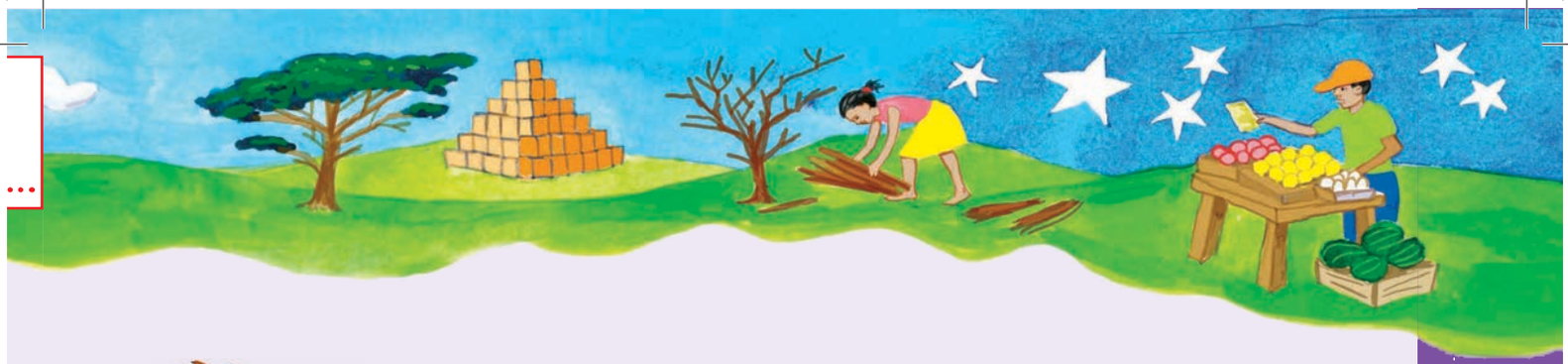
Leina la thaba e e kwa godimo mo Gauteng ke eng? Dirisa khoutu go batla karabo. Golaganya karabo e nngwe le e nngwe mo theiboleng le tlhaka mo khoutung.

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

Leina la thaba ke

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Lebelela, 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.

Nomore 50 e tlaa nna ✷. Nnete kgotsa Fosagetse?

Nomore 100 e tlaa nna ●. Nnete kgotsa Fosagetse?

Nomore 28 e tlaa nna ☾. Nnete kgotsa Fosagetse?



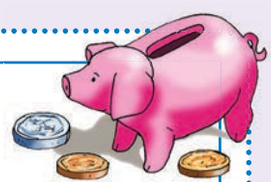
Tlhola. Bapisa. Nepagetse

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.

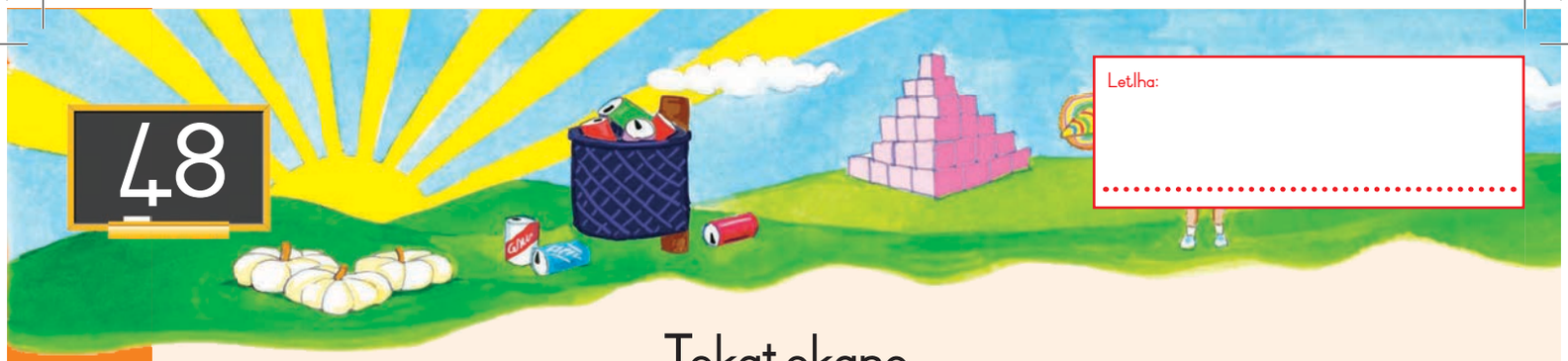
Bontsha gore o e berekile jang.





11 12 13 14 15 16 17 18 19 20

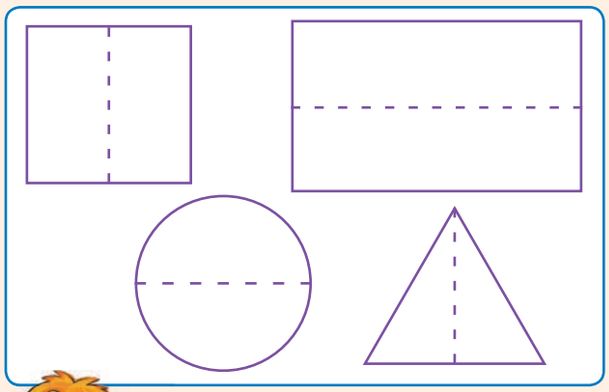
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Letlha:

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.



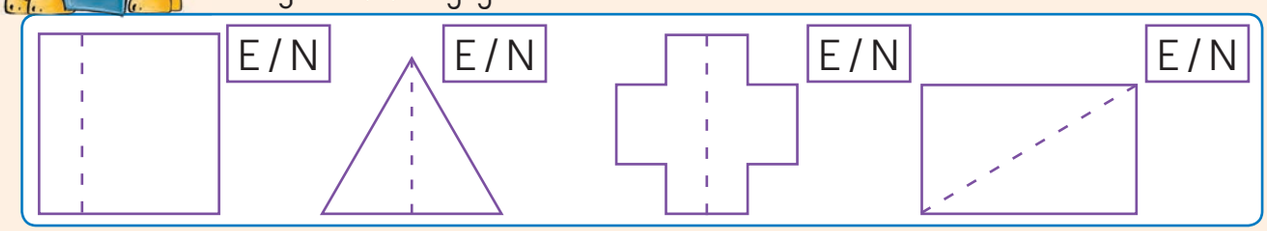


Thalela sebopego sengwe le sengwe mola wa tekatekano.



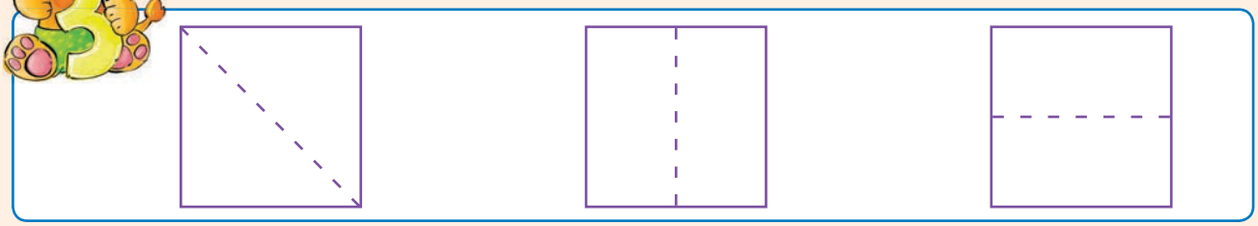


A mola o o maronthorontho ke mola wa tekatekano kgotsa nnyaya? Sekeletsa (E) Ee kgotsa (N) Nnyaya.





A se ke mola wa tekatekano? Goreng?



1 2 3 4 5 6 7 8 9 10

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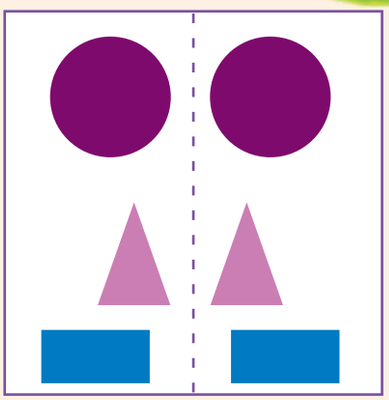




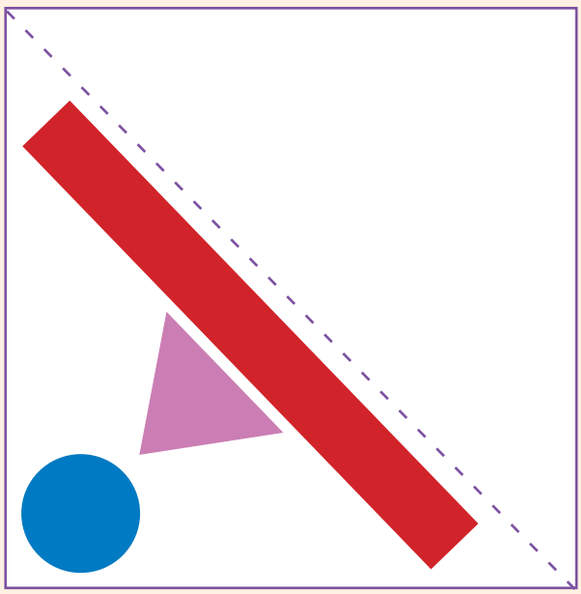
Thala dibopego go dira gore setshwantsho se lekalekane.

Re go diretse tsa ntlha.

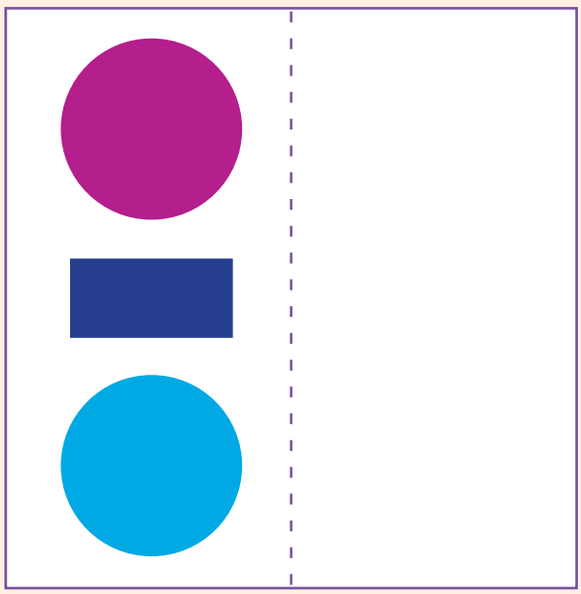
a.



b.



c.





Itlhamele mmetshe wa gago o o lekalekanang o dirisa dibopego.



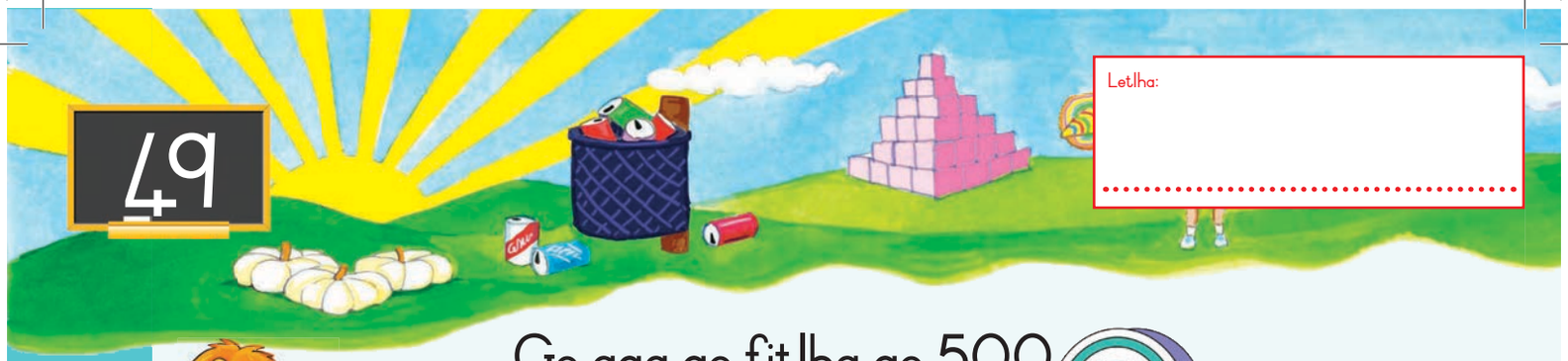
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Sign:

Date:

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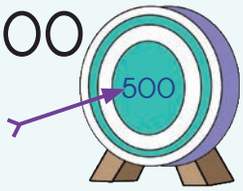


49

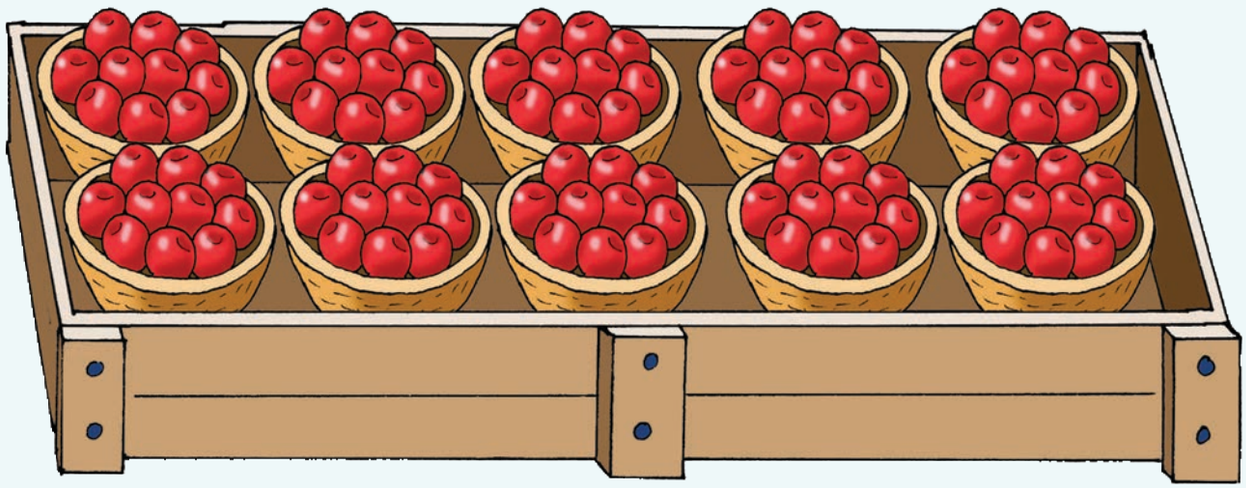
Letlha:



Go aga go fitlha go 500



Go bala diapole

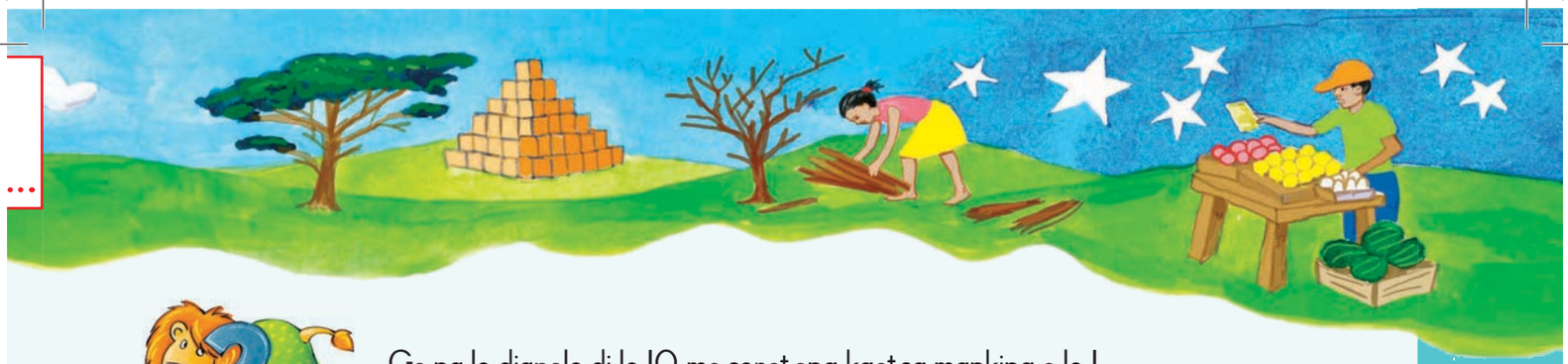


Feleletsa o bo o atisa

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 ___.	

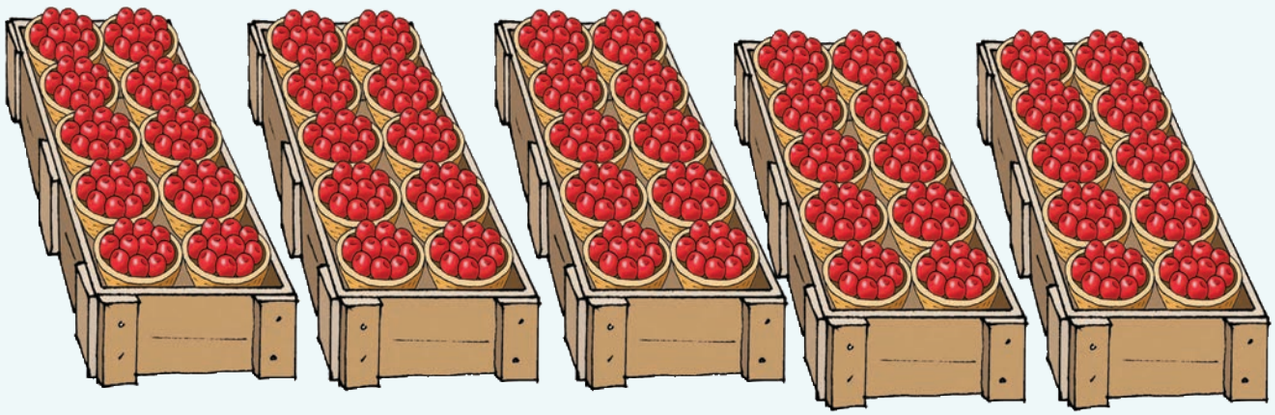
Kereiti e le 1 e tshotse diapole di le 100.	Dikereiti di le 2 di tshotse diapole di le ___.
Dikereiti di le 3 di tshotse diapole di le ___.	Dikereiti di le 4 di tshotse diapole di le ___
Dikereiti di le 5 di tshotse diapole di le ___	Dikereiti tse 2 tse di halofo di tshotse diapole di le ___.

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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

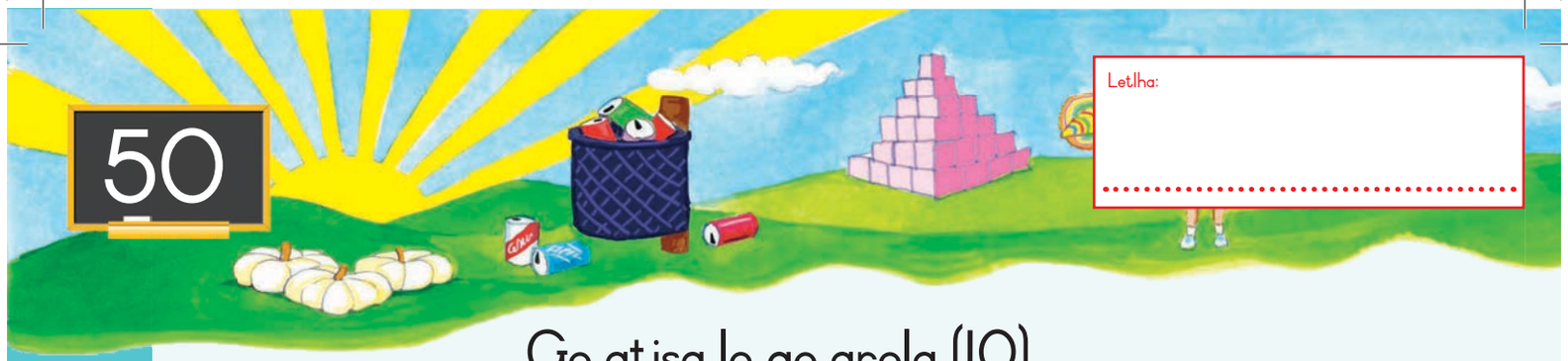
Sa ntlha dirisa dikaratapalo go bontsha palogotlhe nngwe le nngwe. Morago o kwale palo.

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___

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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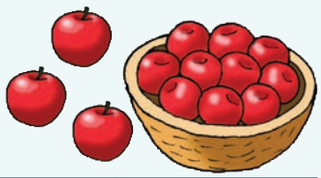
Letlha:

Go atisa le go arola (10)



Go bala diapole

Tlatsa theibole



Ke diroto di le kae tse di tshotseng diapole?

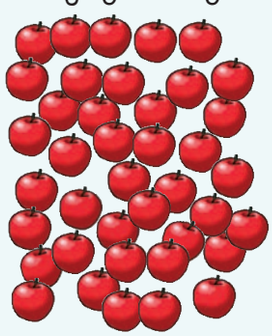
Diapole	10	20	30	40	50
Diroto	1	2			

Palelo ya ÷					50 ÷ 10 = 5
Palelo ya ×					5 × 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.

□ ÷ □ = □

□ × □ = □



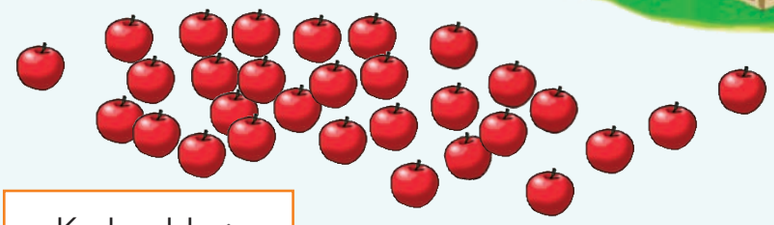
1 2 3 4 5 6 7 8 9 10

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b.







Kwala palelo ÷

Kwala palelo go netefatsa dikarabo tsa gago. ×





Dirisa dipalo go itirela dipolelopalo tsa gago.

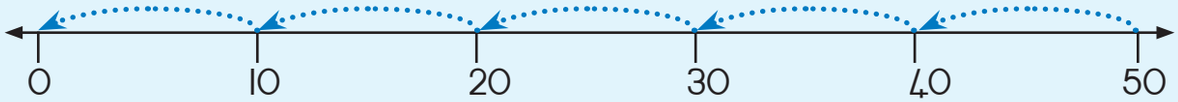


Sekao:

÷	40 ÷ 10 = 4

×	4 × 10 = 40

a.



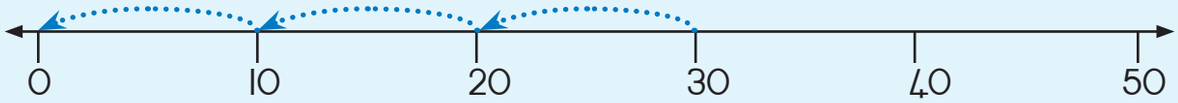
÷		×	

b.



÷		×	

c.



÷		×	



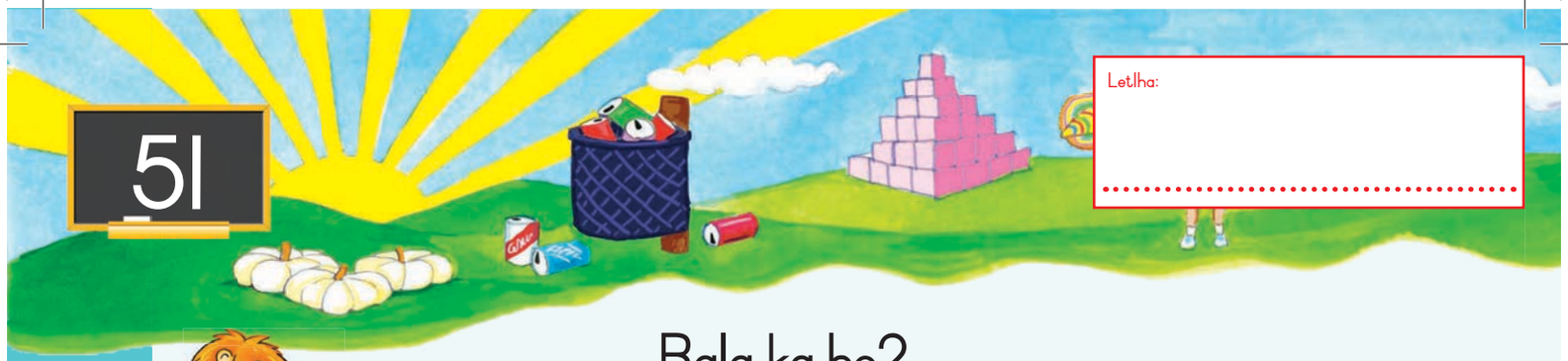
Kwala palo e nnyanenyana ga 10 e bile e le kgolwane ga 10 go na le palo e e filweng.

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

Teacher:
Sign:
Date:

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Letlha: .....

51

Bala ka bo2



Go balela kwa pele le kwa morago

a. 232; 234; _____; _____; _____; 242; _____; _____; 248

b. 500; _____; 496; _____; _____; 490; _____; _____; _____

c. 460; _____; _____; 400; _____; 360; _____; _____; _____

d. 341; _____; 361; _____; _____; 391; _____; 411; _____; _____



Para ya ditlelafo



a. Ke dipara tsa ditlelafo di le kae mo moleng o le mongwe? ____

b. Ke ditlelafo di le kae mo moleng o le mongwe? ____

c. Ke mela e mekae? ____

d. Ke ditlelafo di le kae fa di feletse? ____

e. Bontsha gore o e dira jang.

f. Kwala karabo ya gago e le polelopalo.

_____ × _____ = _____

1 2 3 4 5 6 7 8 9 10

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Ke ditlelafo di le kae?

Kwala go ya ka ditheibole.

a.

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

b.

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



Bala ka bo2

a. Ke palo efe e e tlang fa gare?

264, _____, 268	391, _____, 395	414, _____, 410

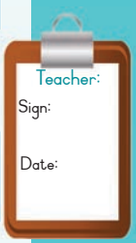
b. Kwala dipalo tse pedi tse di latelang.

373, 375, 377 , 379	480, 482, ___, ___	262, 264, ___, ___

c. Kwala dipalo tse pedi tse di latelang.

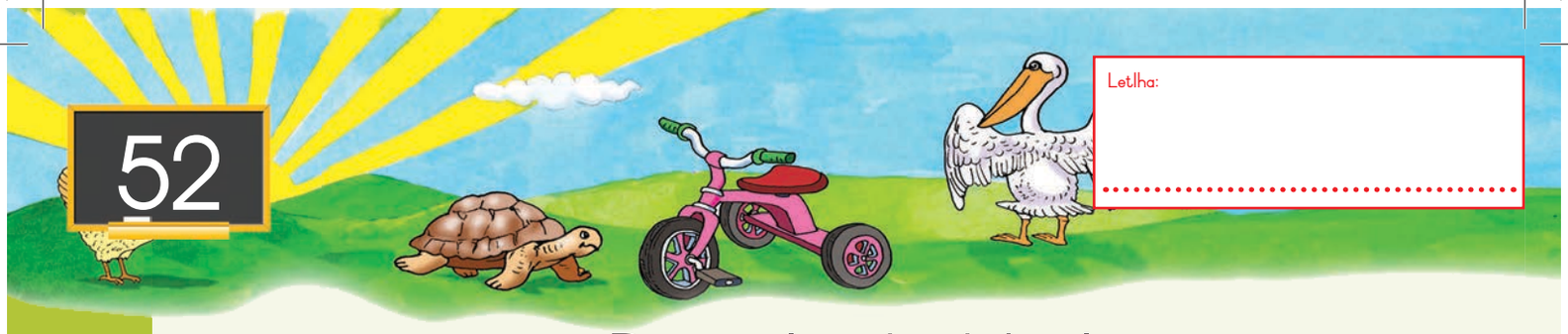
346, 348, ___, ___	415, 417, ___, ___	297, 299, ___, ___





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52

Letlha: .....

Dira tselana ka dithaele



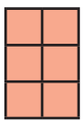
Go rulaganya tshingwana



Mme Mabena o na le dithaele tse dintle.

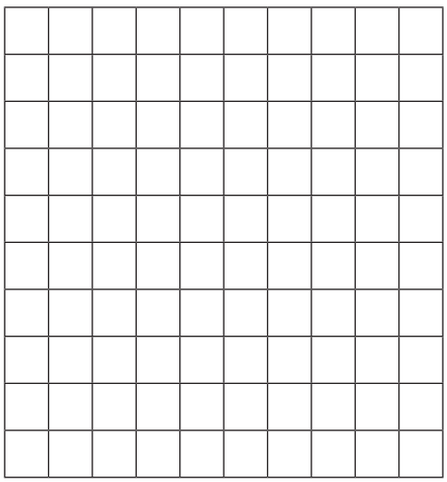
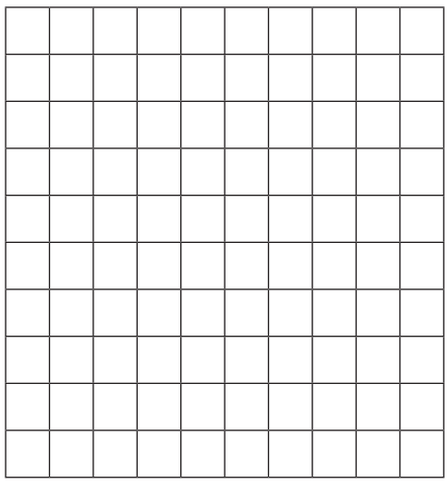
O di dirisa go dira tselana mo kgaolong ya tshingwana.

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

Ke kgona go dira mola o le 1 ka dithaele di le 6.	Ke kgona go dira mela e le 2 ka dithaele di le 3.	Ke kgona go dira mela e le 3 ka dithaele di le 2 mola mongwe le mongwe.
		
$6 \times 1 = 6$	$3 \times 2 = 6$	$2 \times 3 = 6$

Jaanong ke sebaka ga gago!

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

dikwere di le 8	dikwere di le 9
	

Kwala dipolelopalo tsa setshwantsho sengwe le sengwe.

1 2 3 4 5 6 7 8 9 10

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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.

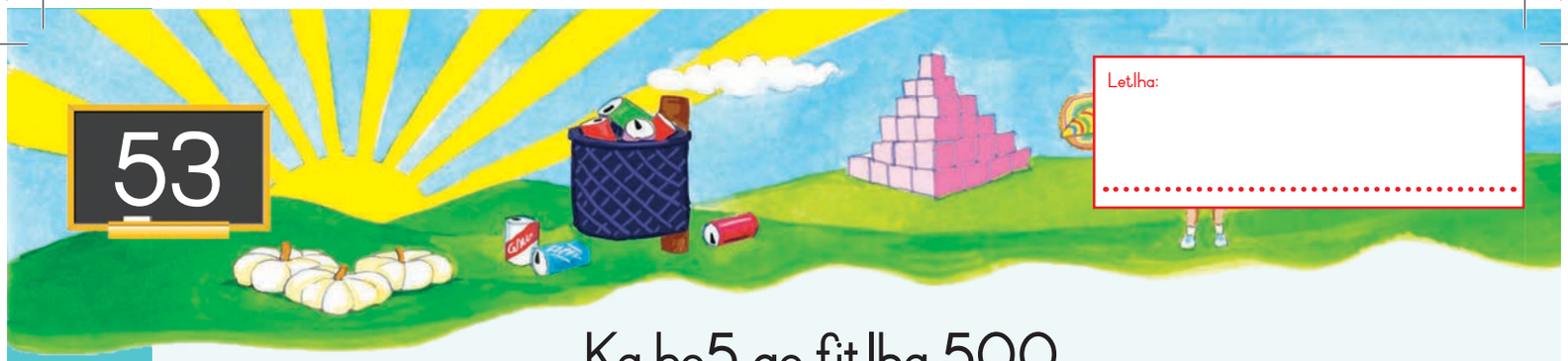
Ke kgona go atisa!

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

Teacher:
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Date:

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Letlha: .....

Ka bo5 go fitlha 500



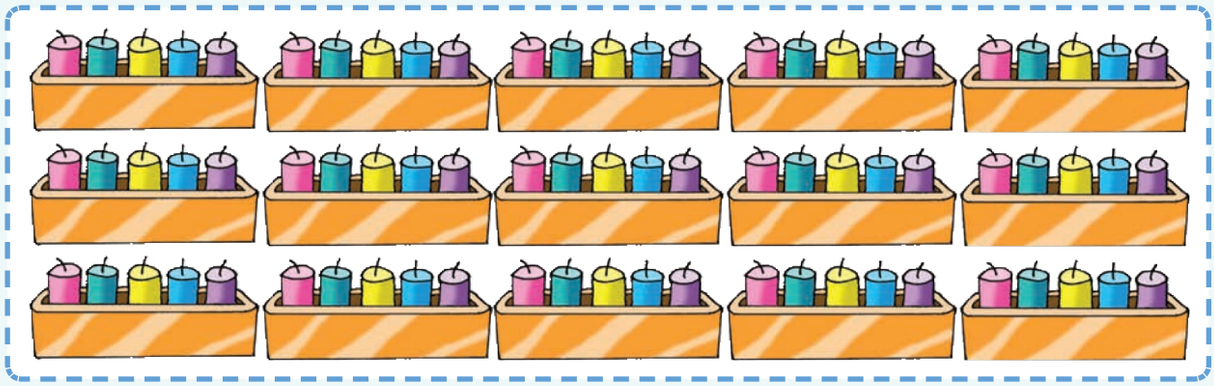
Itse bo-5 ba gago

Tlatsa dikarabo tsa gago.

	1	2	3	4	5	6	7	8	9	10
× 5	5									



Bala dikerese



a. Go na le dikerese di le kae mo lebokosong lengwe le lengwe? _____

b. Go na le mabokoso a le makae mo moleng mongwe le mongwe? _____

c. Go na le dikerese di le kae mo moleng mongwe le mongwe? _____

d. Go na le 0 di le kae gotlhelele? _____



Bontsha karabo

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

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

1 2 3 4 5 6 7 8 9 10

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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 ÷ R5 = 1 khoene (ledi)	R10 ÷ R5 = 2 dikhoene	R15? ____	R20? ____	R25? ____
R30? ____	R35? ____	R40? ____	R45? ____	R50? ____

2 × R5 = R _____

4 × R5 = R _____

3 × R5 = R _____

6 × R5 = R _____



Atisa ka bo5

Sekao: 1 × 5 = 5; 11 × 5 = 55; 21 × 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

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Letlha: .....

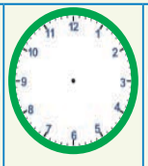
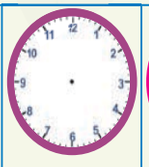
54



Go dira ka nako



Go thala dinako

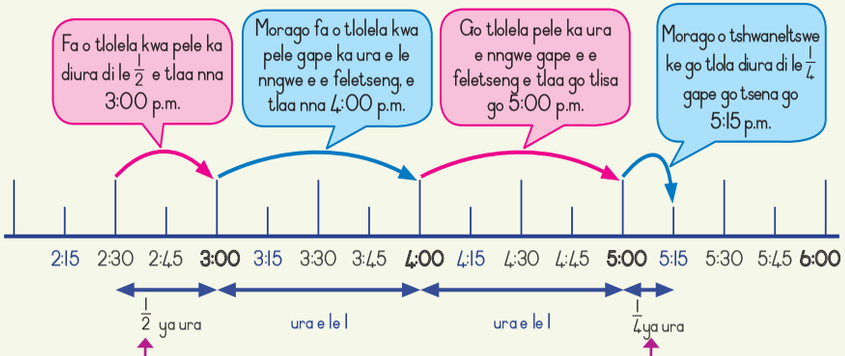
					
Halofo go feta 5	Kotara go ya go lesomenngwe	Kotara go feta 12	12:45	6:15	4:30



Mathata a nako

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

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



Ura e e $\frac{1}{2}$ tlhakanya le diura tse pedi tse di tletseng di dira diura di le $2\frac{1}{2}$. Gape fa o tlhakanya le ura e e $\frac{1}{4}$ e dira diura tse $2\frac{3}{4}$ fa di feletse.



Mathata a nako

Netefatsa. Bapisa. Siamisa.

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

a. Queenie o etela Rraagwe ka 15:45.
O tloga ka 17:15.
O eta lobaka lo lo kae?



_____

b. Musa o ya kwa phakeng ka 10:45.
O tla gae ka 12:30.
O tsamaile 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:

Letlha: .....

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Letlha:

.....

Bala ka bo3 le bo4



Dipitsa tsa maoto a 3

Tlhakanya mme o kwale dikarabo



a. Ke dipitsa di le kae mo moleng? _____

b. Ke maotwana a le makae mo moleng? _____

c. Ke mela e le mekae ya dipitsa? _____

d. Ke maotwana a le makae gotlhelele? Bontsha gore o e bereka jang.

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

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



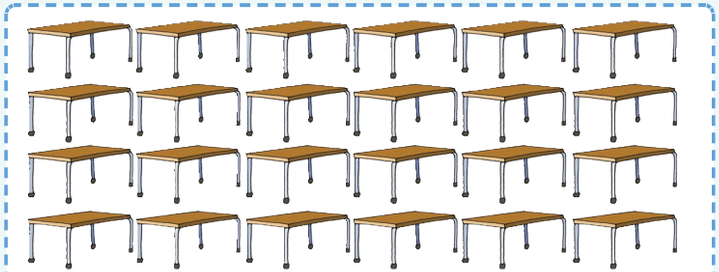
Ke maotwana a le makae?

Akanya ka bonako.
Akanya sentle

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



Maotwana a tafole



a. Ke ditafole di le kae mo moleng? _____

b. Ke maotwana a le makae mo moleng? _____

c. Ke mela e le mekae ya ditafole? _____

d. Ke maotwana a le makae gotlhelele? 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
× 3	6							
× 4	8							

Teacher:
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Date:

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Letlha:

56

Bala ka bo50



Ngwana a le mongwe, kobo e le nngwe!

Ke bana ba le bakae? Fopholetsa, morago o bale.

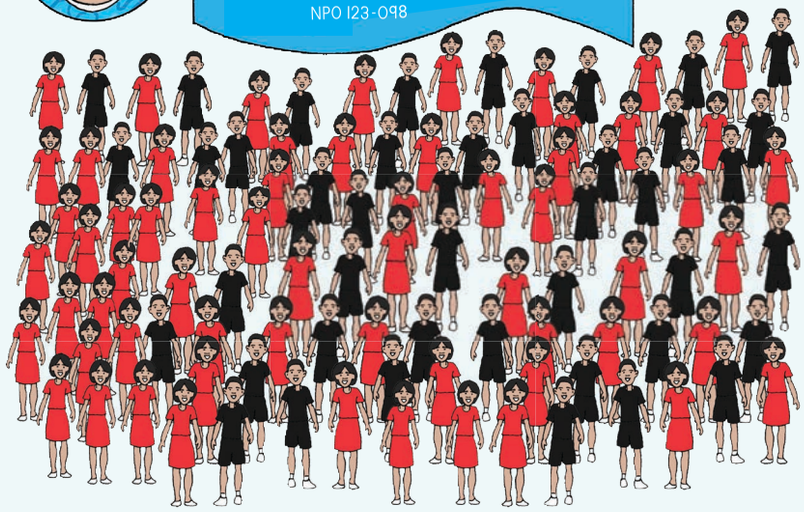


Kobo ya tsholofelo

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 |



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 lo kae? Dirisa khalentara.



Tlelase ya Mophato wa 3 e kokoanya tšhelete go reka dikobo di le 4.

Ba kokoanya R5 ka letsatsi mo sebakeng sa malatsi a le 5 ka beke.

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

Teacher:
Sign:
Date:

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

Letlha:

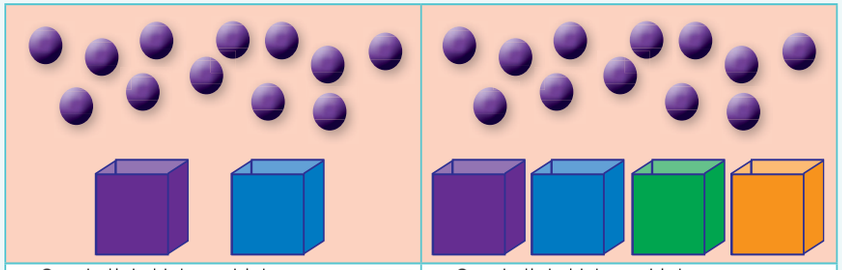
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57

Letlha:

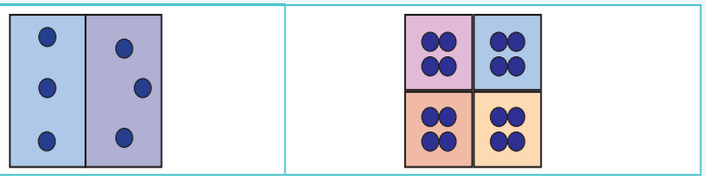
Dipalophatlo: dihalofo le dikotara

Kgaoganya dikgwele 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 lengwe le lengwe?
• Go na le dibolo di le kae mo lebokosong le le phepole?	• Go na le dibolo di le kae mo lebokosong le le phepole?
• Lebokoso le le phepole ke palophatlo efe?	• Lebokoso le le phepole ke palophatlo efe?

Lebelela ditshwantsho mme o arabe dipotso.



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

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

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

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

Khalara $\frac{3}{4}$ ya sebopego

Lebelela diterepe tsa dipalophatlo.

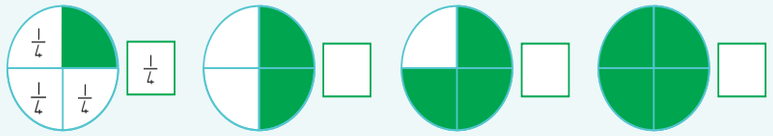
Palotlalo e le 1	
$\frac{1}{2}$	$\frac{1}{2}$
$\frac{1}{4}$ $\frac{1}{4}$	$\frac{1}{4}$ $\frac{1}{4}$

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 e fifaditsweng.



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

Teacher:
Sign:
Date:

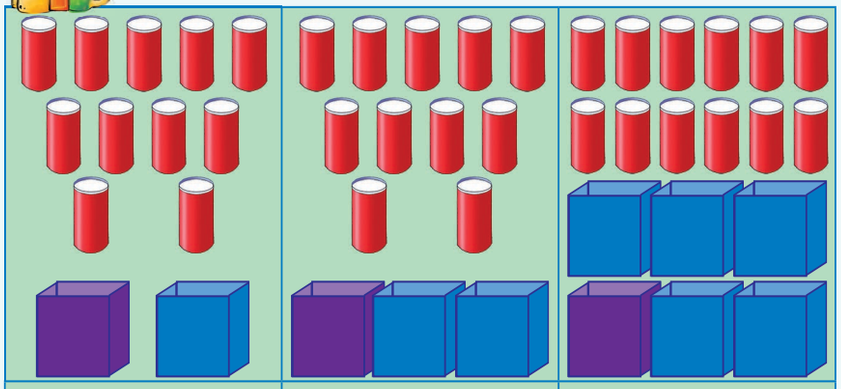
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Letlha:

.....

Dipalophatlo: dihalofo, nngwetharong le nngwethatarong

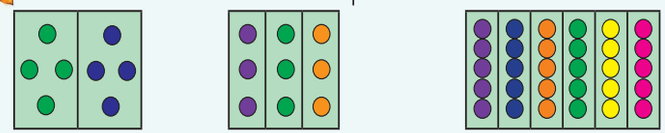
Kgaoganya dikhene (disilintara) ka go lekana magareng ga mabokoso.



Palogotlhe ya dibolo:			
• Go na le dibolo di le kae mo lebokosong le le phepole?	12		
• Ke palophatlo efe e e mo lebokosong le le phepole?	$\frac{1}{2}$		

2

Lebelela ditshwantsho mme o arabe dipotso.



O bala didiko di le kae? ☐ ☐ ☐

$\frac{1}{2}$ ya didiko ke eng? ☐

$\frac{1}{3}$ ya didiko ke eng? ☐

$\frac{2}{3}$ ya didiko ke eng? ☐

$\frac{3}{3}$ ya didiko ke eng? ☐

$\frac{1}{6}$ ya didiko ke eng? ☐

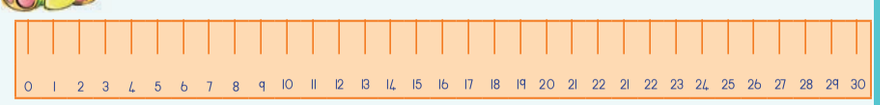
$\frac{2}{6}$ ya didiko ke eng? ☐

$\frac{3}{6}$ ya didiko ke eng? ☐

$\frac{4}{6}$ ya didiko ke eng? ☐

$\frac{5}{6}$ ya didiko ke eng? ☐

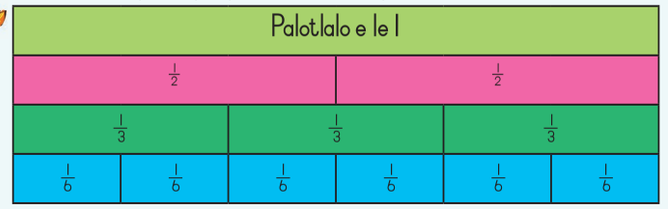
3



- Bontsha halofo e le nngwe mo ruleng. E lekana le ____ cm
- Bontsha nngwetharong e le nngwe mo ruleng. E lekana le ____ cm
- Bontsha nngwethatarong e le nngwe mo ruleng. E lekana le ____ cm

4

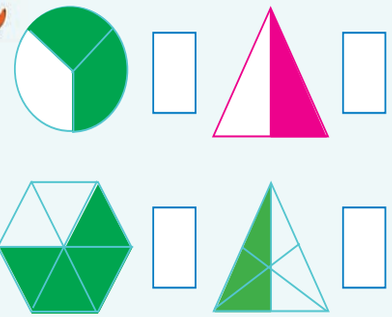
Lebelela diterepe tsa palophatlo. Feleletsa dipolelo.



- Go na le dihalofo di le ____ mo palotlalong.
- Go na le nngwetharong di le ____ mo palotlalong.
- Go na le nngwethatarong di le ____ mo palotlalong.
- Go na le nngwethatarong di le ____ mo halogong.
- Go na le nngwethatarong di le ____ mo nngwetharong.

5

Kwala palophatlo ya karolo e e fifaditsweng.



Sekeletsa palophatlo e kgolwane.

a. $\frac{1}{2}$ $\frac{1}{3}$

b. $\frac{1}{2}$ $\frac{1}{6}$

c. $\frac{1}{2}$ $\frac{2}{6}$

Teacher:
Sign:
Date:

Letlha:

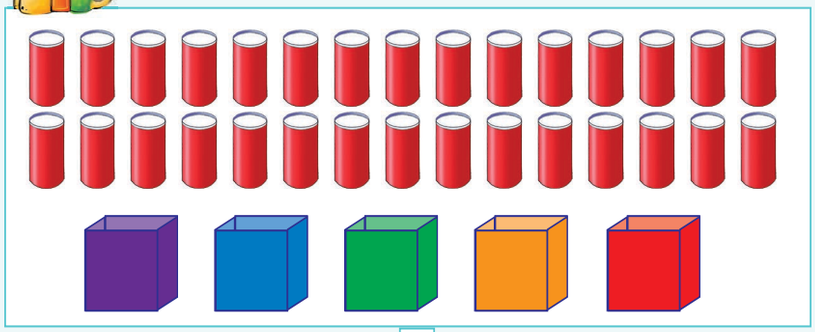
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59

Letlha:

Dipalophatlo: nngwetlhanong

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.

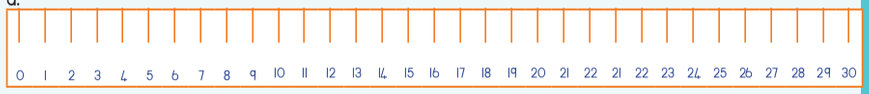
Go na le ditšhokolete di le kae mo lebokosong?



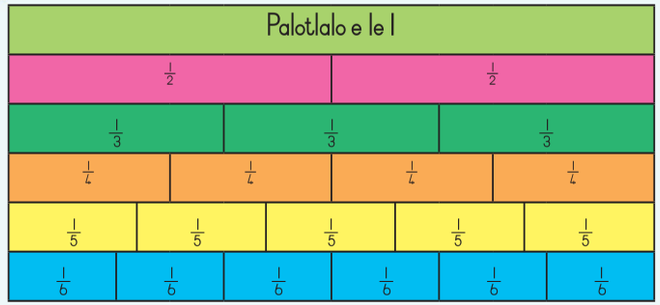
- $\frac{1}{5}$ ya ditšhokolete e lekana le
- $\frac{2}{5}$ ya ditšhokolete e lekana le
- $\frac{3}{5}$ ya ditšhokolete e lekana le
- $\frac{4}{5}$ ya ditšhokolete e lekana le
- $\frac{5}{5}$ ya ditšhokolete e lekana le
- Letsatsi lengwe ke jele $\frac{1}{5}$ ya ditšhokolete. Go setse ditšhokolete di le kae?
- Letsatsi lengwe ke jele $\frac{1}{5}$ ya ditšhokolete gape. Go setse ditšhokolete di le kae?

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

a.



Lebelela deterepe tsa palophatlo mme o arabe dipotso.



Sekeletsa kgolwane kgotsa nnyanenyana

a. $\frac{1}{2}$ e kgolwane go na le /nnyanenyane go na le $\frac{1}{4}$.

b. $\frac{1}{3}$ e kgolwane go na le /nnyanenyane go na le $\frac{1}{2}$.

c. $\frac{1}{5}$ e kgolwane go na le /nnyanenyane go na le $\frac{1}{6}$.

d. $\frac{1}{6}$ e kgolwane go na le /nnyanenyane go na le $\frac{1}{3}$.

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

Teacher:
Sign:
Date:

2014/05/05 3:00 PM

Letlha:

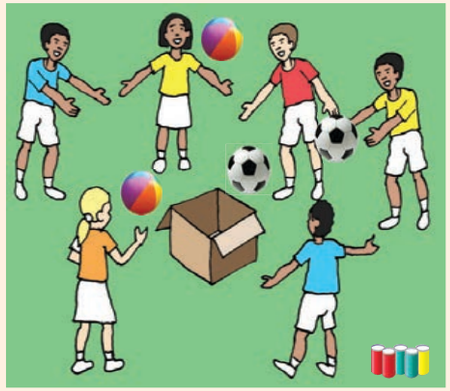
Dilwana tsa matlhakoremararo (3D)



Bala mabokoso (diporisimo). ☐

Bala dibolo (didiko). ☐

Bala disilintara. ☐





Tsotlhe tse ke mabokoso

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



Boalo bongwe le bongwe jo bo sephaphathi bo bidiwa **sefatlhego**. Kgomaretsa semaili se le sengwe mo sefatlhegong sengwe le sengwe sa mabokoso.

O kgomareditse difatlhego di le kae mo:



khube ☐ porisimo ☐ porisimo ☐

A difatlhego tsa porisimo di sephaphathi kgotsa di tshekeletsa? ☐



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

A difatlhego tsa silintara di sephaphathi kgotsa di tshekeletsa? ☐



Dirisa dilwana tsa gago go aga tse di latelang

Tlhalosa maemo a silintara o dirisa mafoko

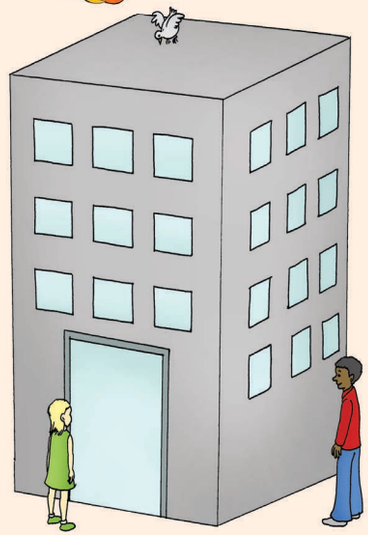
Fa thoko | Fa pele | Kwa godimo



☐ ☐ ☐



Dirisa mafoko a a fa tlase go feleletsa dipolelo.



Mosetsana o lebelela _____ ga kago.

Monna o lebelela _____ ga kago.

Nonyane e lebelela _____ ga kago.

letlhakore | kwa pele | kwa godimo

Teacher:
Sign:
Date:

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

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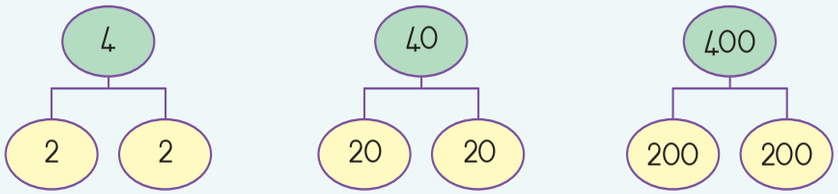
61

Letlha:

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

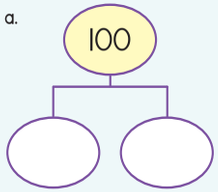
Gakologelwa! Re kgona go bontsha se ka sethalo kana setshwantsho …



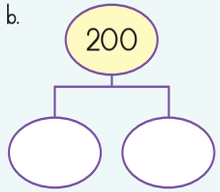


Go batla dihalofo kana diripa

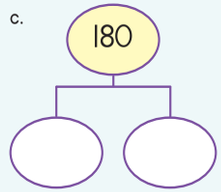
a.



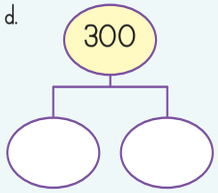
b.



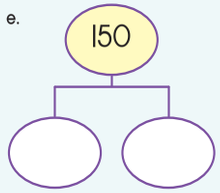
c.



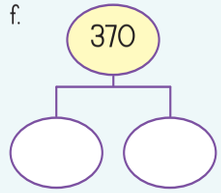
d.



e.



f.





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

Sekao:

40 gabedi 40 + 40 = 80

0 10 20 30 40 50 60 70 80 90 100

60 gabedi □ + □ = □

0 20 40 60 80 100 120 140 160 180 200

150 gabedi □ + □ = □

0 50 100 150 200 250 300 350 400 450 500

200 gabedi □ + □ = □

0 50 100 150 200 250 300 350 400 450 500



Feleletsa tse di latelang

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



Feleletsa tse di latelang

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

Teacher:
Sign:
Date:

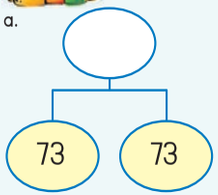
2014/05/05 3:00 PM

Letlha:

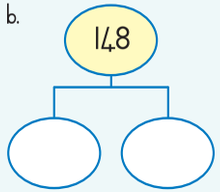
Gabedi le halofo gape

Batla sebedi kgotsa dihalofo

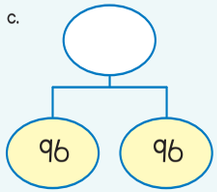
a.



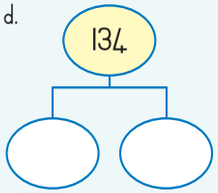
b.



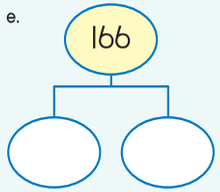
c.



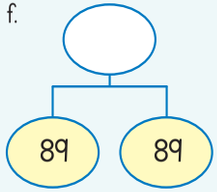
d.



e.



f.



Go bolokela baesekele

Peter o boloka R25 ka beke go reka baesekele. Ke dibeke di le kae tse a tshwanetseng go boloka?

Karabo: _____ dibeke

Sesolo R450

Halofo ya thotlhwa: R900



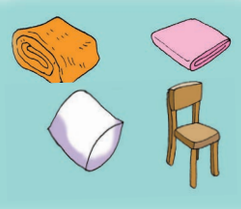
Sesolo

Dilwana tsotlhe di mo sesolong ka halofo ya tlhwatlhwa.
Kwala tlhwatlhwa ya sesolo go bapa le selwana se sengwe le se sengwe.

Sesolo sa halofo ya tlhwatlhwa: e ne e le

a. Dikobo R190
Tlhwatlhwa ya sesolo___

b. Dillaakane R154
Tlhwatlhwa ya sesolo___



c. Mesamo R54
Tlhwatlhwa ya sesolo___

d. Ditulo R220
Tlhwatlhwa ya sesolo___

Ke diranta di le kae?


R135

Musa o batla go reka hempe. O na fela le halofo ya tlhwatlhwa.
O santse a tlhoka bokae? R_____


R78,50

Ditlhako tsa ga Peter di ja gabedi go feta jaaka tse.
Ditlhako tsa ga Peter di ja bokae? R_____

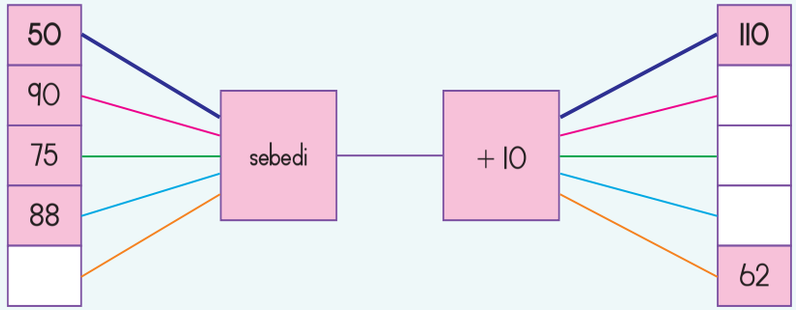

R97

Mosese wa ga Phindi ke tlhwatlhwa gabedi ya o.
Mosese wa ga Phindi o ja bokae? R_____

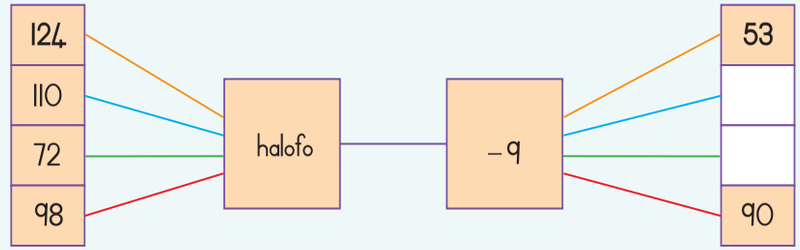
Ke eng se se tsenang? Ke eng se se tswang?

Latela sekao. Tlatsa dinomore tse di tlogetsweng.

a.



b.



Teacher:
Sign:
Date:

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Letlha:

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Letlha:

Baya ka ditlhopha o bo o kopanya

Baya bana ka ditlhopha

Mme Ndaba o batla go kgaoganya tlelase ka ditlhopha tse di lekanang tebang le metshameko ya kwa ntle. Lwa ntlha o ba baya go ya ka ditlhopha tsa 4.



a. Ke bana ba le bakae mo setlhopheng?

b. O dira ditlhopha di le kae?

Netefatsa. Bapisa. Siamisa.

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

Ke diaparo di le kae?



Phindi o na le dihempe 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 ntlha ya mmala o mongwe le o mongwe. Bontsha kgonagalo ya diaparo tse dingwe tsotlhe.

Bonelapele: Go tlaa nna jang fa Phindi a na le mebala e le 6 e e farologaneng ya dihempe le marokgwe a makhutshwane.
Ke diaparo di le kae tse a ka di dirang?

Netefatsa. Bapisa. Siamisa.

Teacher:
Sign:
Date:

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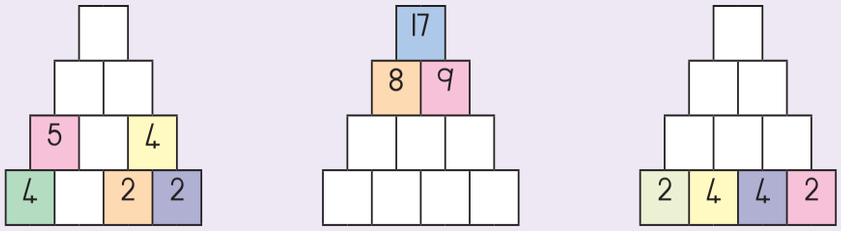
Boithabiso jwa Matesisi



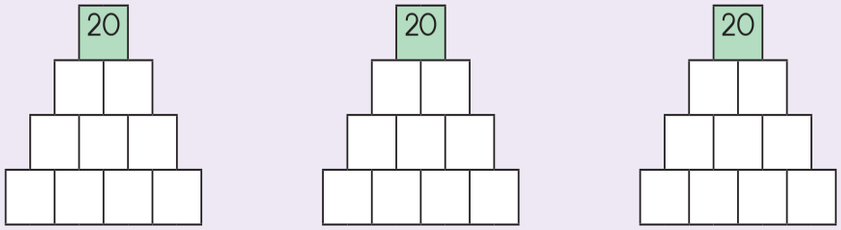
Lebelela molawana

Dirisa molawana go batla dipalo tse di tlogetsweng.

Jaanan dira tse.



Agela go 20 ka mekgwa e 3 e e farologaneng.

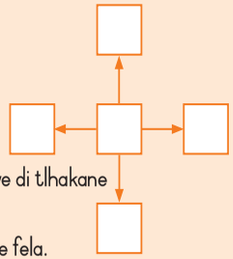




Kgwetlho



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 16.

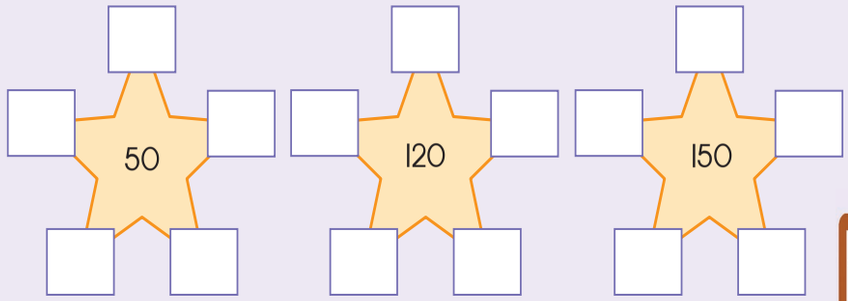
2	5	3	6
			2
		2	

b. Molawana: Dipalo tse 3, go kgabaganya mela le go ya kwa tlase le dikholomo, di tlhakana go naya palogotlhe 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 tlhakanang go re palo e e fa gare mo naleding.



Teacher:
Sign:
Date:

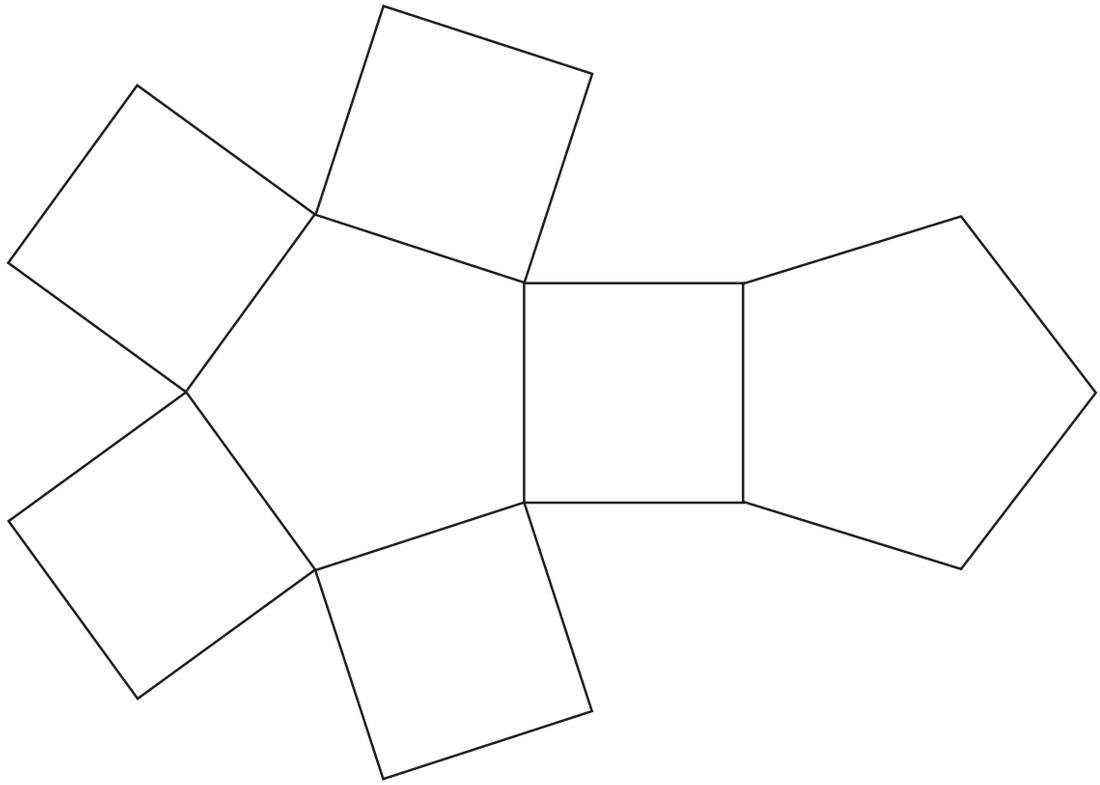
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

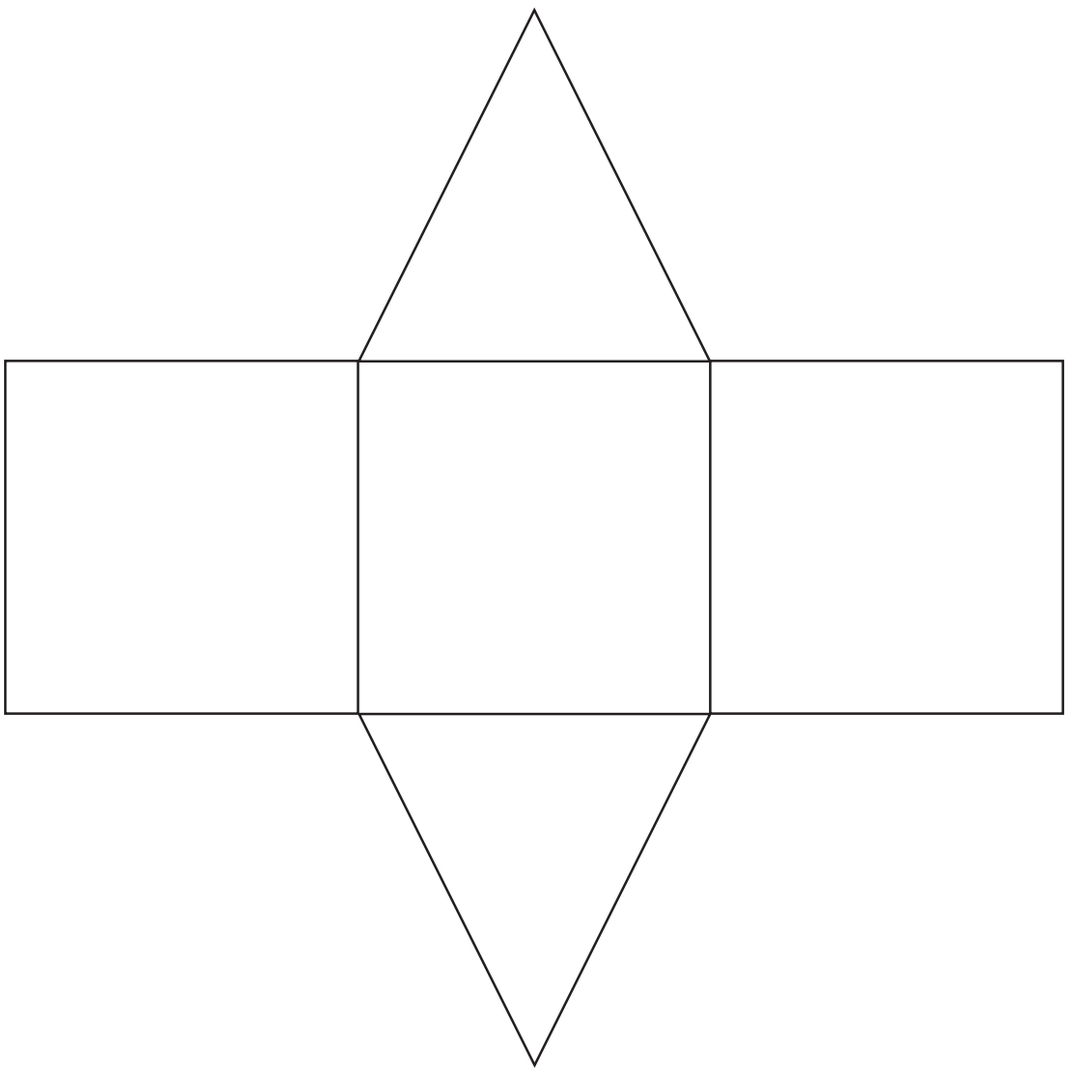
1	1	0	1	0	0
2	2	0	2	0	0
3	3	0	3	0	0
4	4	0	4	0	0
5	5	0	5	0	0
6	6	0	6	0	0
7	7	0	7	0	0
8	8	0	8	0	0
9	9	0	9	0	0

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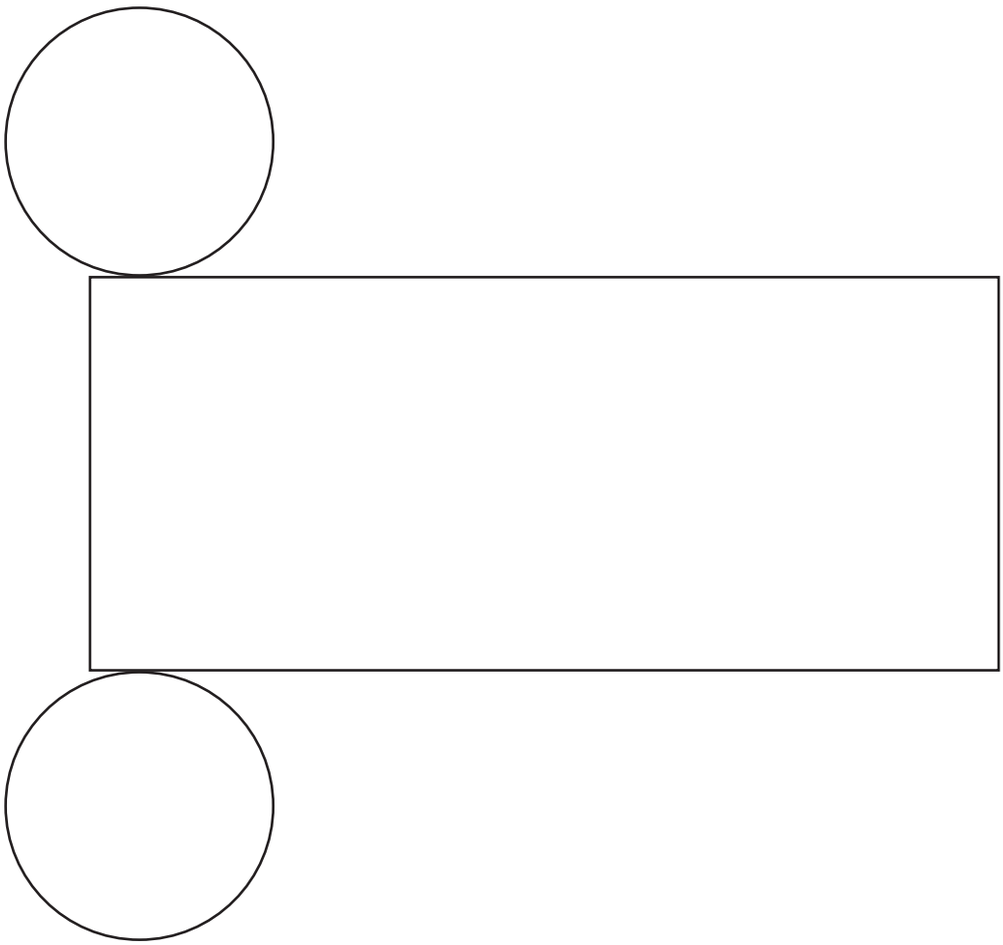
1	0	0	1	0	1
2	0	0	2	0	2
3	0	0	3	0	3
4	0	0	4	0	4
5	0	0	5	0	5
6	0	0	6	0	6
7	0	0	7	0	7
8	0	0	8	0	8
9	0	0	9	0	9

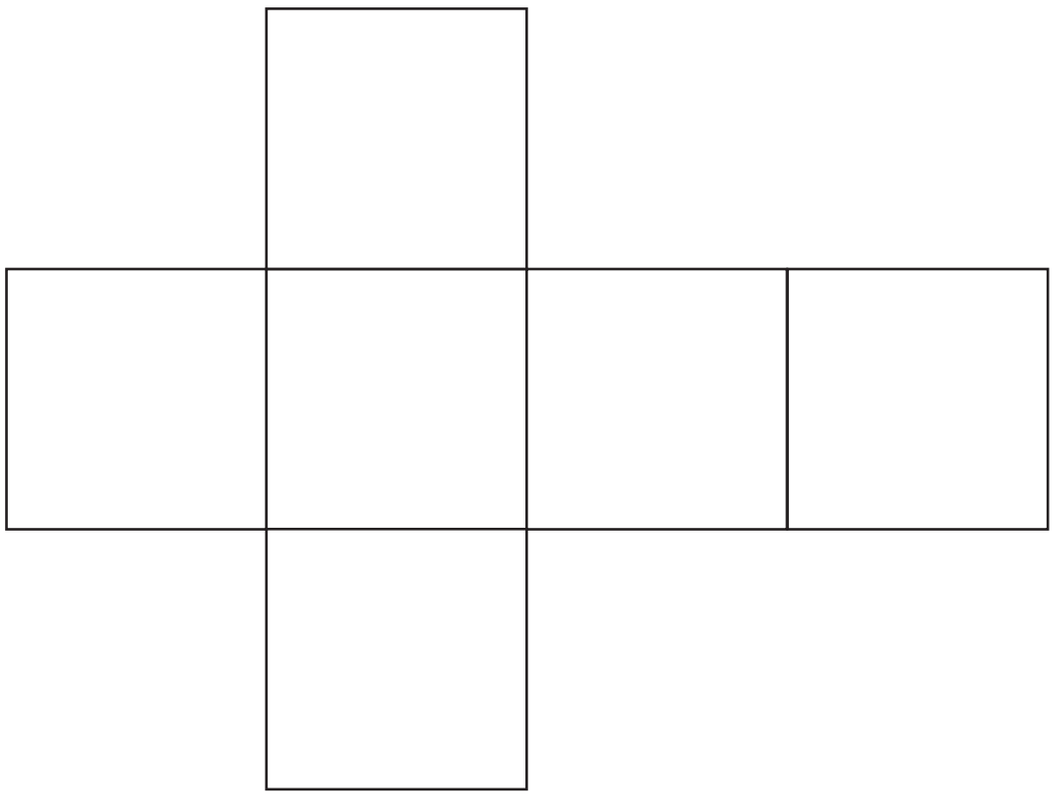
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