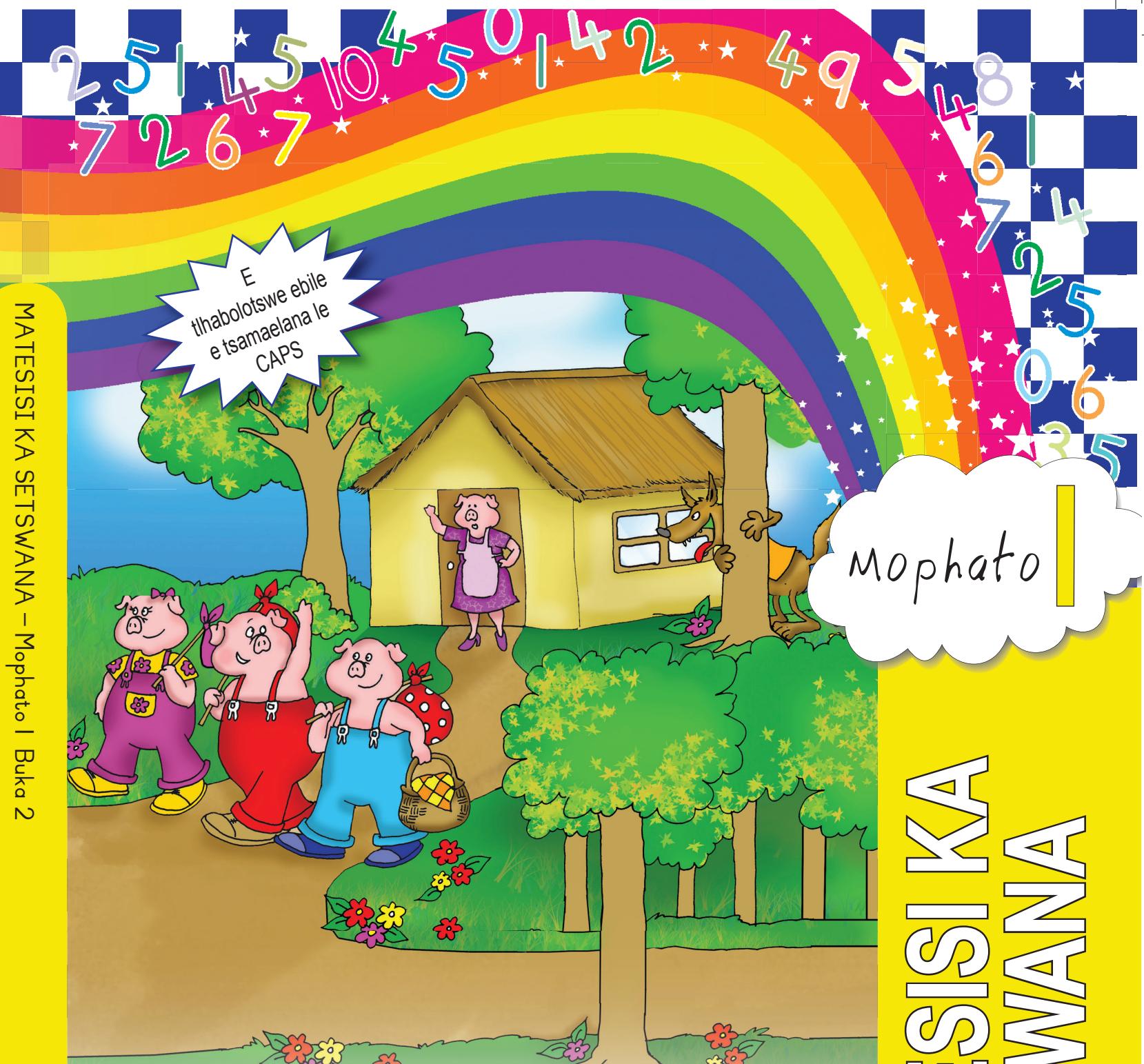


MATESISIKA SETSWANA

Buka 2
Kgweditharo
3 & 4



MATESISIKA SETSWANA – Mophato | Buka 2

ISBN 978-1-4315-0132-8



basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Leina:

Tlelase:

1 2 3 4

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 dikgotlatshakelo 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 sireletsatso rotlhe jaanong, le bana ba rona ka moso.

Ela tlhoko hisetori ya rona.

A re se keng ra boetele diphosha tsa hisetori ya rona.

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

Rona, re le batho ba Afrika Borwa;

Re itse ditshiamololo tsa rona tse di fetileng;

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

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

Re dumela gore Afrika Borwa ke ya bothle 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 Setshaba se se thailweng mo meetlong ya demokerasi, bosiamisi mo bathong le ditshwanelo tse di botlhokwa tsa botho;

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

tokafatse matshelo a baagi bothle le go golola neo ya mongwe le mongwe le;

age Afrika Borwa e kopaneng ya demokerasi e e kgonang go tsaya maemo a yona a a e siametseng jaaka naga e e ipusang mo tshikeng ya mafatshe.

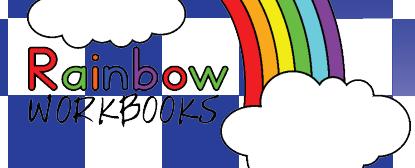
Senka dits hwanelo tsa gago jaaka Moafrikaborwa mme o tseye maikarabelo a gago a go si reletsatso ditshwanelo tsa batho ba bang we.

Itse Molaotlhomo wa Ditshwanelo & Molaotlhomo wa Maikarabelo.

May God protect our people.

Nkosi Sikele' iAfrika. Morena boloka setjhaba sa heso.
God seen Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

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MATHEMATICS IN SETSWANA

GRADE 1 – BOOK 2

TERMS 3 & 4

ISBN 978-1-4315-0132-8

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8th Edition

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4 5 0 2 5 1 4 5 10 4 5 0 1 4 2 4 9 5 4 8 4 6 1



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

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

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



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Mophato



Matessisi

KA SETSWANA

Buka e, ke ya ga:

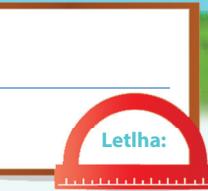
SETSWANA

Buka

2



65



Tlhologanya palo II

Poeletso:

Ikatise go kwala dipalo.



nngwe

I I

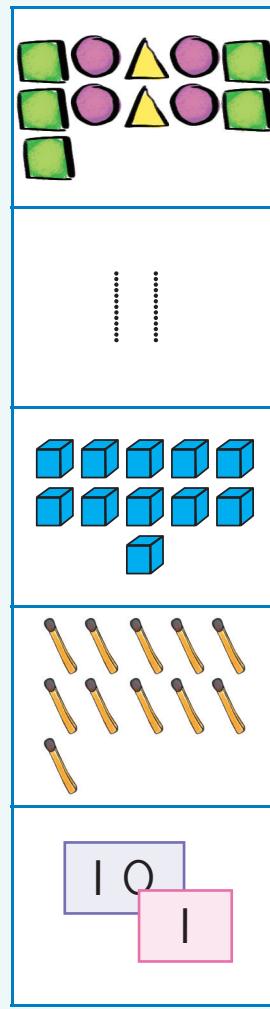
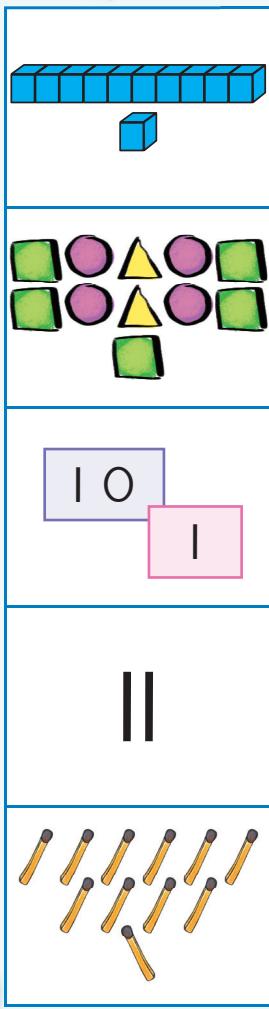


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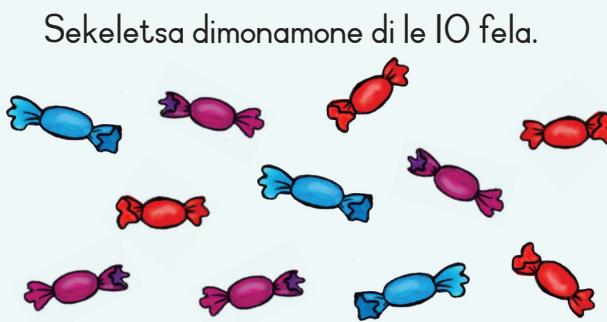
2 2



Golaganya ditshwantsho.

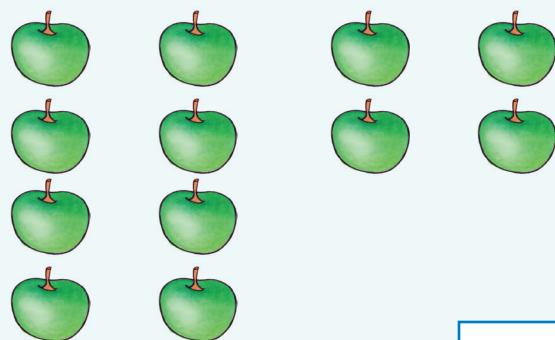


Sekeletsa dilo.



Go setse dimonamone di le kae?

Sekeletsa diapole di le 10 fela.



Go setse diapole di le kae?



2

0

1

2

3

4

5

6

7

8

9

10



Gatisa kana o lat edise
dipalo.

lesomenngwe			



Kholomo nngwe le
nngwe e tshwanetse
go tlhakana go nna ||.
Tlatsa dipalo tse di
tlogetsweng.

3	5	4
4	5	
4		2



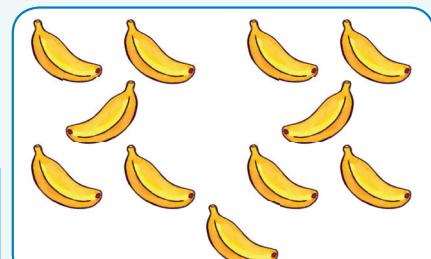
Thala dilo di le 10.



Tlatsa dipalo tse di tlogetsweng.



Bala dilo.



Feleletsa lenaneo kana theibole. Mola mongwe
le mongwe o na le setshwantsho, palo le lefoko
la palo eo.

 		lesomenngwe
		lesomenngwe
	lesomenngwe	



Ke palo efe e nnyane ka
nngwe mo go ||? _____



Ke palo efe e kgolwane ka
nngwe mo go ||? _____



|| 12 13 14 15 16 17 18 19 20

66



Tlhaloganya palo 12

Poeletso:

Ikatise go kwala dipalo.



tharo

3 3

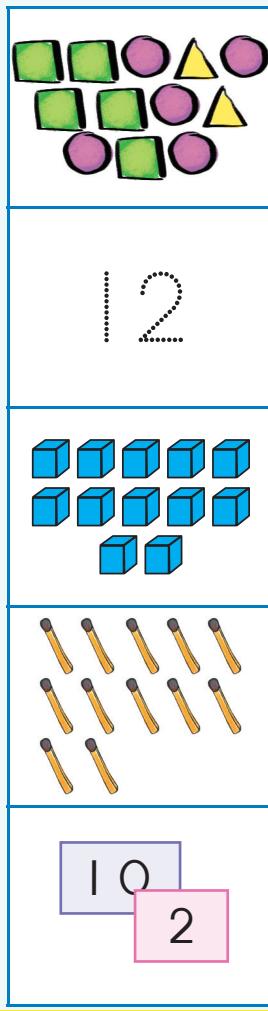
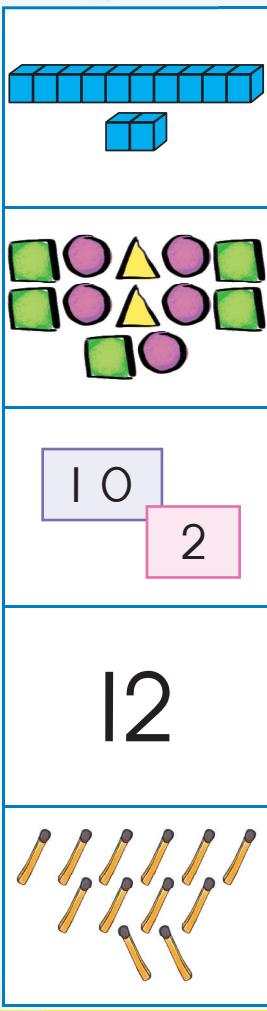


nne

4 4



Golaganya ditshwantsho.



Sekeletsa dilo.

Sekeletsa ditlhako di le 10 fela.



Go setse ditlhako di le kae?

Sekeletsa dikgapa di le 12 fela.



Go setse dikgapa di le kae?



4

0

1

2

3

4

5

6

7

8

9

10



Gatisa kana o latetise
dipalo.

12	12	12	12
----	----	----	----

lesomepedi

12	12	12	12
----	----	----	----

Kholomo nngwe le
nngwe e tshwanetse
go tlhakana go nna 12.
Tlatsa dipalo tse di
tlogetsweng.

	7	6
4		4
3	2	
12	12	12



Thala dilo di le 12.



Tlatsa dipalo tse di tlogetsweng.

3			5			
8				11		

3			5			
8				11		



Bala dilo.



Feleletsa lenaneo kana theibole. Mola mongwe
le mongwe o na le setshwantsho, palo le lefoko
la palo eo.

		lesomepedi
	12	lesomepedi
		12
	lesomepedi	

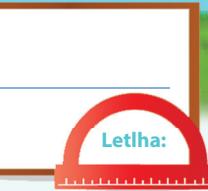


Ke palo efe e nnyane ka
nngwe mo go 12? _____

Ke palo efe e kgolwane ka
nngwe mo go 12? _____



67



Tlhaloganya palo 13

Poeletso:

Ikatise go kwala dipalo.



tlhano

5 5

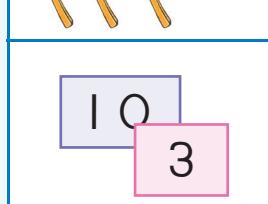
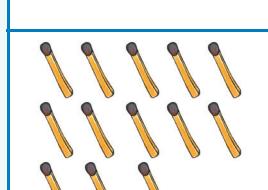
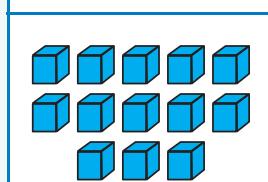
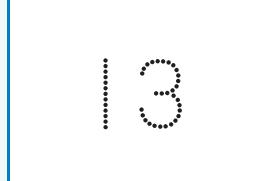
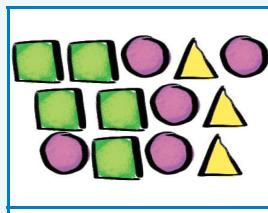
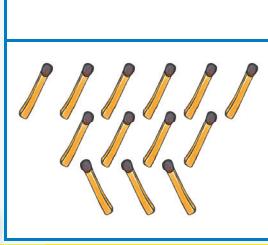
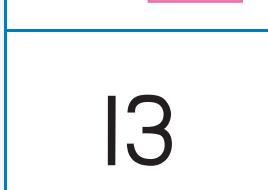
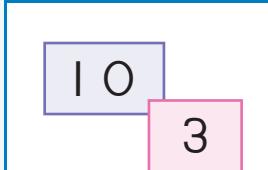
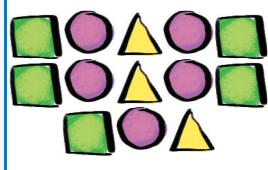
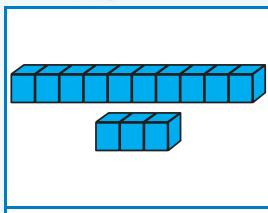


thataro

6 6



Golaganya ditshwantsho.



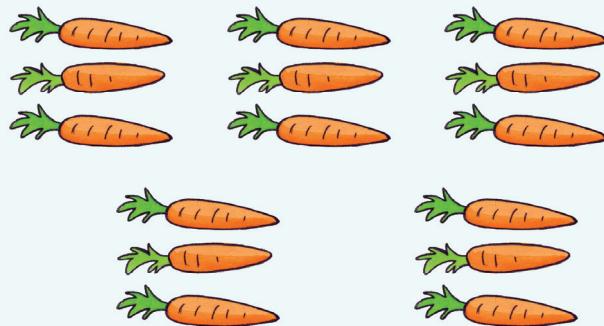
Sekeletsa dilo.



Go setse dikatse di le kae?



Sekeletsa digwete di le 13 fela.



Go setse digwete di le kae?



6

0

1

2

3

4

5

6

7

8

9

10



Gatisa kana o latetise
dipalo.

13 13 13 13

lesometharo

13 13 13 13



Kholomo nngwe le
nngwe e tshwanetse
go tlhakana go nna I3.
Tlatsa dipalo tse di
tlogetsweng.

1	2	6
1		
	3	2
I3	I3	I3



Thala dilo di le I3.

Jaanong di thale ka mokgwa o o farologaneng.

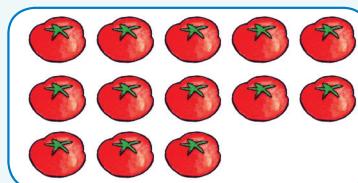


Tlatsa dipalo tse di
tlogetsweng.

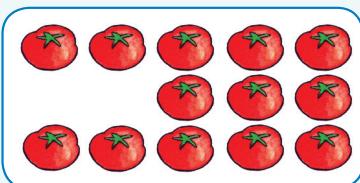
	10		12	
--	----	--	----	--



Bala dilo.



--



--



Feleletsa lenaneo kana theibole. Mola mongwe
le mongwe o na le setshwantsho, palo le lefoko
la palo eo.

		lesometharo
	I3	lesometharo
I3		
	lesometharo	

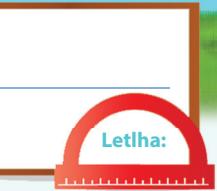


Ke palo efe e nnyane ka
nngwe mo go I3? _____

Ke palo efe e kgolwane ka
nngwe mo go I3? _____



68



Tlhaloganya palo 14

Poeletso:

Ikatise go kwala dipalo.



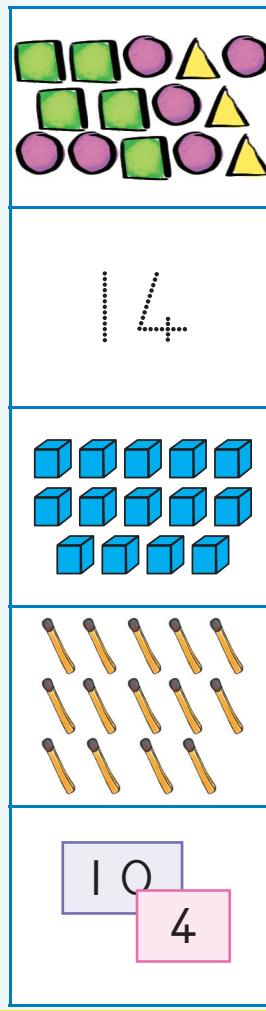
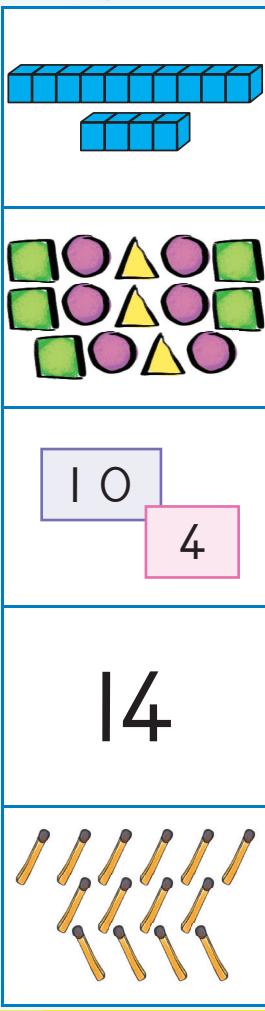
7 7



8 8



Golaganya ditshwantsho.



Sekeletsa dilo.



Go setse dirurubele di le kae?

Sekeletsa mesese e le 14 fela.



Go setse mesese e le mekae?



8

0

1

2

3

4

5

6

7

8

9

10

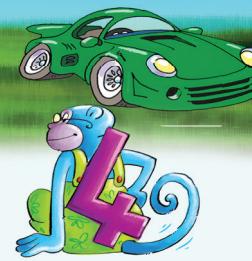


Gatisa kana o latedise
dipalo.

14 14 14 14

lesomenne

14 14 14 14



Kholomo nngwe le
nngwe e tshwanetse
go tlhakana go
nna 14.

Tlatsa dipalo tse di
tlogetsweng.

1		2
	5	1
3	2	
14	14	14



Thala dilo di le 14.

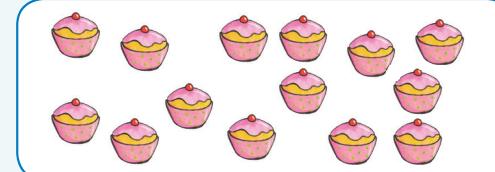
Jaanong di thale ka mokgwa o o farologaneng.



Bala dilo.



Tlatsa dipalo tse di tlogetsweng.



Feleletsa lenaneo kana theibole. Mola mongwe
le mongwe o na le setshwantsho, palo le lefoko
la palo eo.

 	14	lesomenne
14		
	lesomenne	



Ke palo efe e nnyane ka
nngwe mo go 14? _____

Ke palo efe e kgolwane ka
nngwe mo go 14? _____



69



Tlhaloganya palo 15

Poeletso:

Ikatise go kwala dipalo.



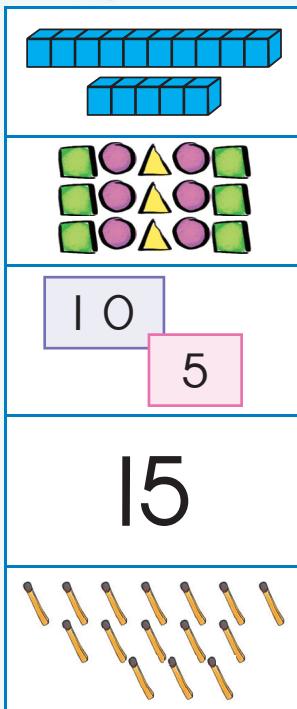
q q



10 10

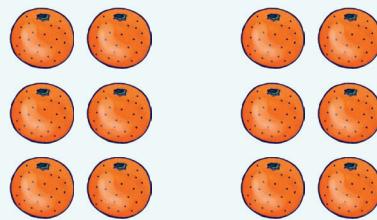


Golaganya ditshwantsho.

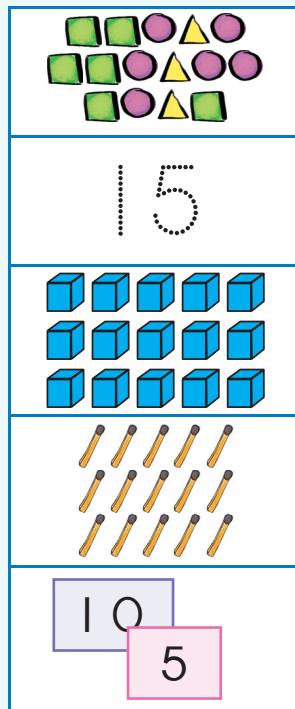


Sekeletsa dilo.

Sekeletsa dinamune di le 10 fela.



Go setse dinamune di le kae?



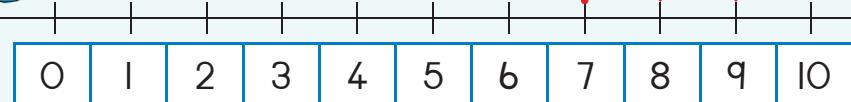
Sekeletsa dinaledi di le 15 fela.



Go setse dinaledi di le kae?

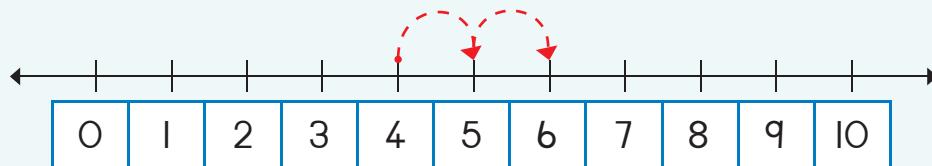


Tlatsa dikarabo.



$7 + 2 =$





$$4 + 2 =$$



Gatisa kana o latedise dipalo.

15 15 15 15

lesometlhano

15 15 15 15



Tlatsa dipalo tse di tlogetsweng.



Thala dilo di le 15.

Jaanong di thale ka mokgwa o o farologaneng.



Bala dilo.

7

11

12

13



15

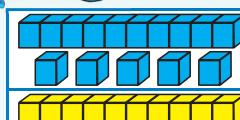
15

13

12



Feleletsa lenaneo kana theibole. Mola mongwe le mongwe o na le setshwantsho, palo le lefoko la palo eo.



15

lesometlhano



lesometlhano



lesometlhano



lesometlhano



Ke palo efe e nnyane ka nngwe mo go 15? _____

Ke palo efe e kgolwane ka nngwe mo go 15? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



70



Letha:

Go tlhakanya go fitlha ka 20 – Go tswelela go bala

Poeletso:

Ikatise go kwala leina la palo.

6

thataro



Lebelela setshwantsho mme o kwalele sengwe le sengwe polelopalo.

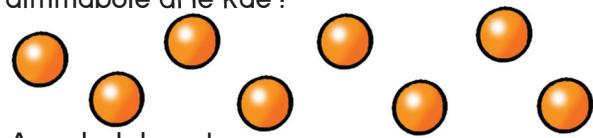
Lisa o na le dimonamone di le 3. Mandla o na le dimonamone di le 5. Ba na le dimonamone di le kae gotlhelele?



A re baleng:

3	...	4	5	6	7	8
<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		+ <input type="text"/> = <input type="text"/>				

Ke ne ke na le dimmabole di le 8 mme ka latlhelwa ke di le 4. Ke saletswe ke dimmabole di le kae?

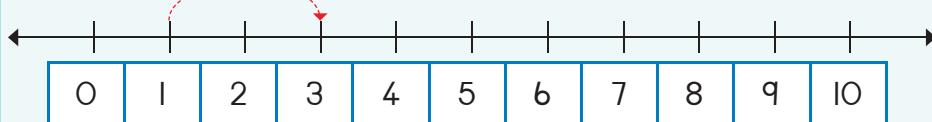


A re baleleng kwa morago:

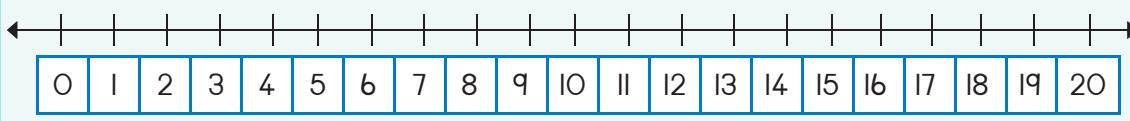
8	...	7	6	5	4
<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		- <input type="text"/> = <input type="text"/>			



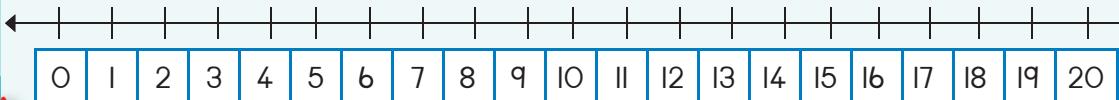
Tlatsa dikarabo.



$$1 + 2 = \boxed{}$$



$$13 + 2 = \boxed{}$$



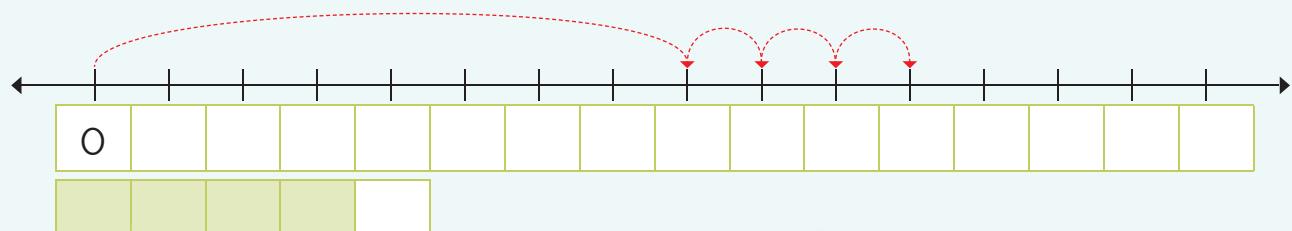
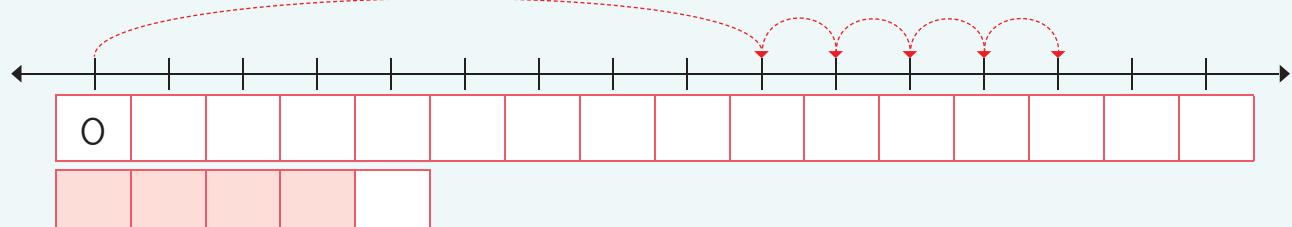
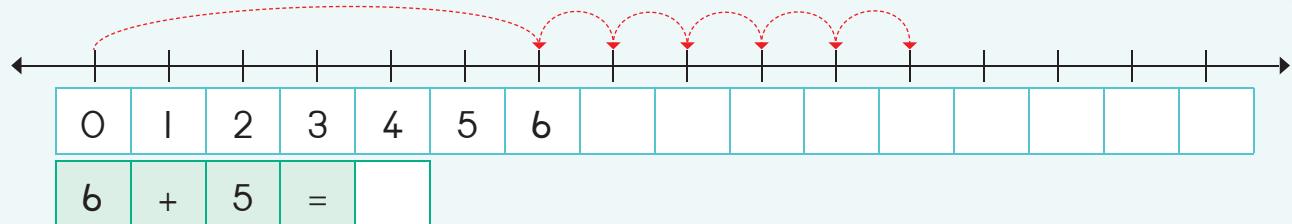
$$15 + 2 = \boxed{}$$



0 1 2 3 4 5 6 7 8 9 10

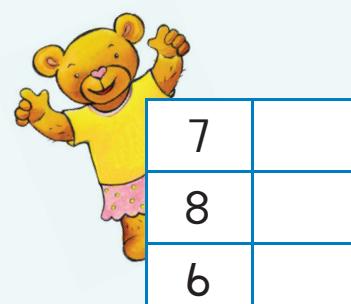


Tlatsa dipalo mo molapalong mme morago o kwalele nngwe le nngwe polelopalo.



Bala mo go 2.

3	5
4	
2	



Tlatsa dipalo.



Thusa segokgo go fetsa palo.

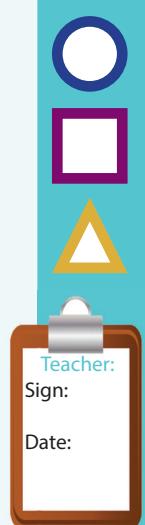
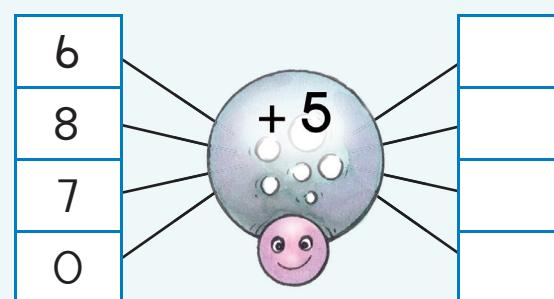
Ke na le dingwaga di le 7.

Ke tlaa bo ke na le dingwaga di le kae
morago ga dingwaga di le 5?

7

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

Ke tlaa ke na le dingwaga di le _____.



71



Go tlhakanya – go aga le go thuba dipalo go fitlha ka 10

Poeletso:

Ikatise go kwala leina la palo.

7

supa



Tlatsa karabo.



Khalara go bontsha tse di latelang.

$3 + 3 = \square$



$0 + 5 = \square$



$3 + 2 + 1 = \square$



$3 + 9$



$4 + 8$



$5 + 7$



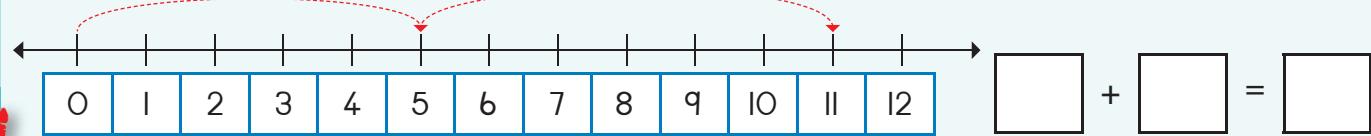
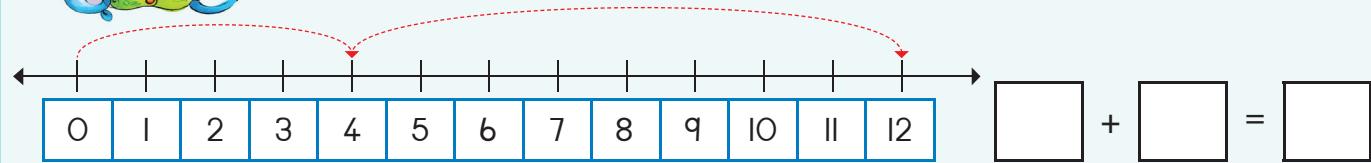
$6 + 6$

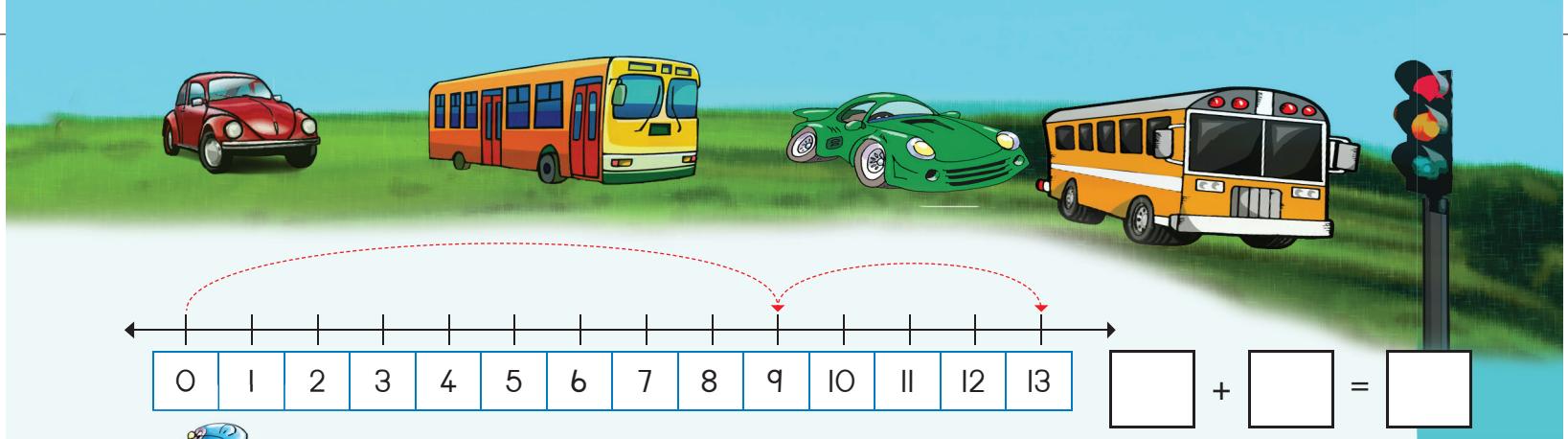


$7 + 5$

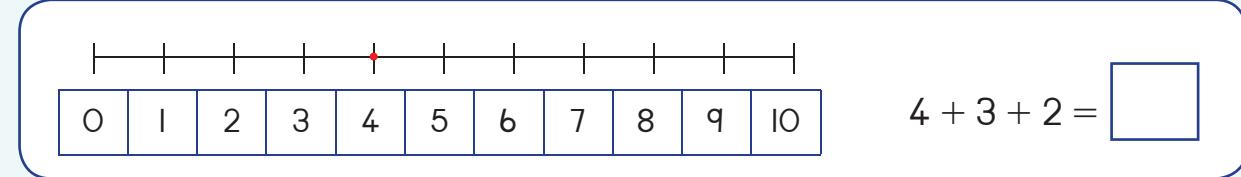
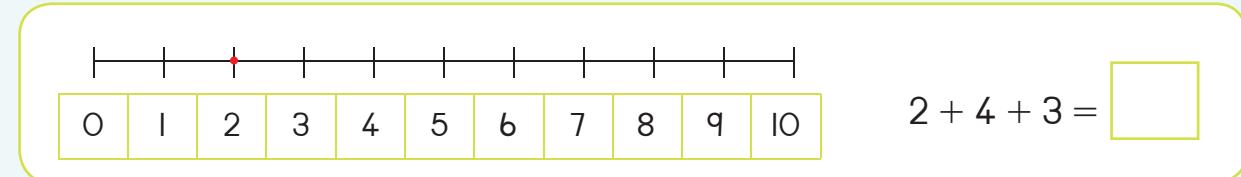
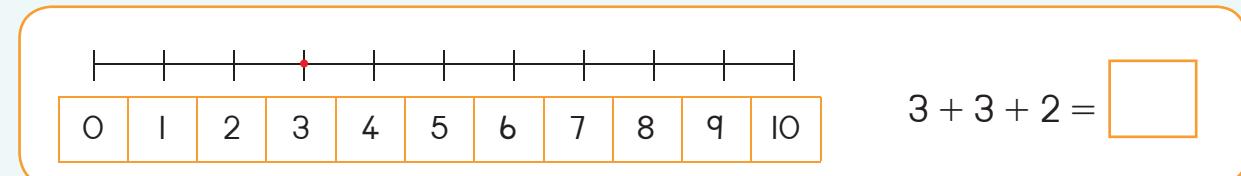
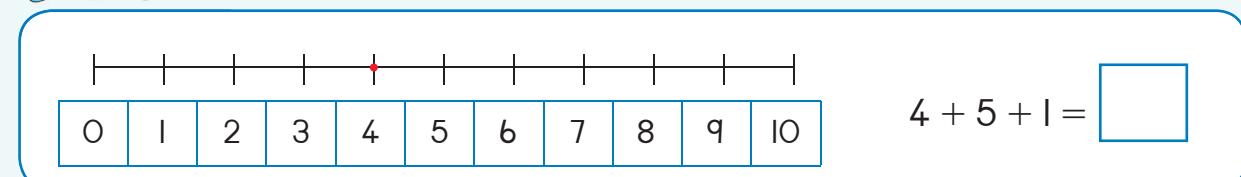


Kwala palelo ya:





Feleletsa molapalo mme o tlatse karabo.



Rarabolola tse di latelang ka go thala ditshwantsho.

Ke na le dimmabole di le 5 mme tsala ya me e na le di le 8. Re na le dimmabole di le kae gotlhelele?

$$[] + [] = []$$

Ke tletse morutabana wa rona mabo lomo a le 9 mme tsala ya me yam o tlela mabolomo a le 6. Re tlile le mabolomo a le makae gotlhelele?

$$[] + [] = []$$



72



Go tlhakanya – go aga le go thuba dipalo
go fitlha ka 20

Poeletso:

Ikatise go kwala leina la palo.

8

robedi

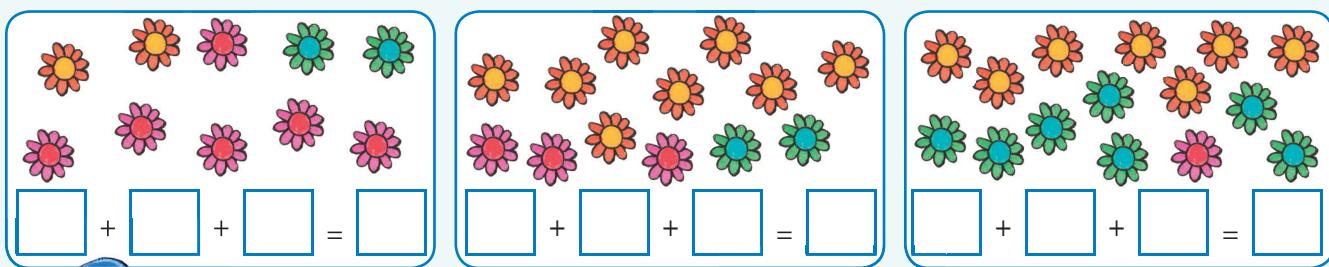


Tlatsa karabo.

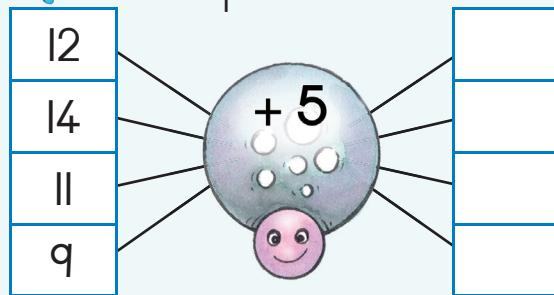
$0 + 2 =$		$2 + 2 =$		$4 + 2 =$		$6 + 2 =$		$8 + 2 =$	
$10 + 2 =$		$12 + 2 =$		$14 + 2 =$		$16 + 2 =$		$18 + 2 =$	



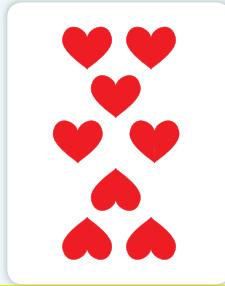
Dirisa mabolomo a meballa e e farologaneng go bopa dipolelopalo tsa gago.



Thusa segokgo go fetsa dipalo.



Ke dipelo di le kae?



Itirele palo ya gago.

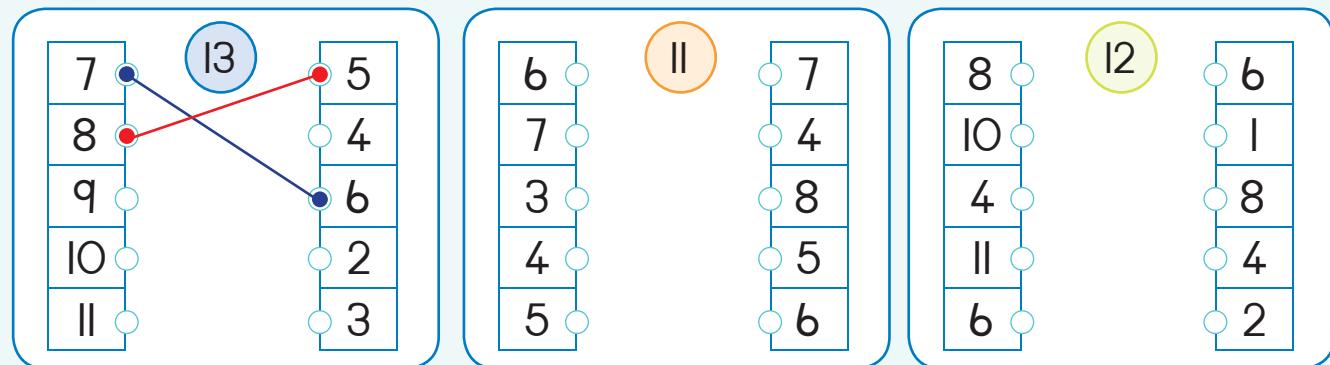
$$\square + \square = \square$$



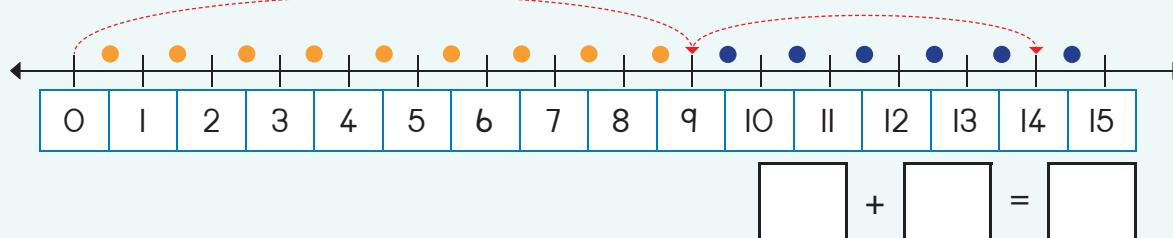
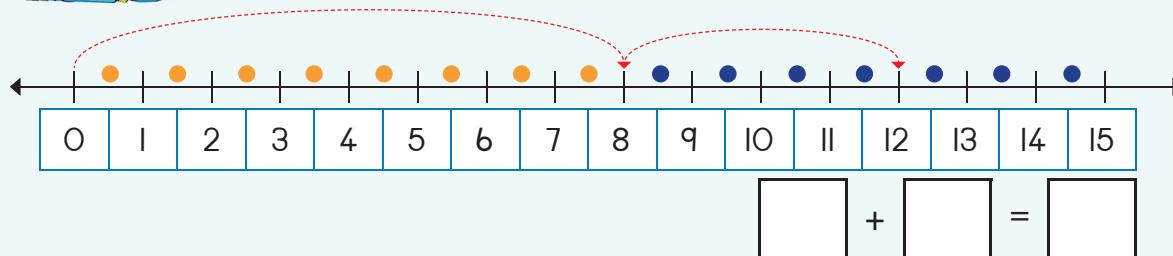
16 0 1 2 3 4 5 6 7 8 9 10



Golaganya dipara tsa dipalo go bopa dipalo tse di latelang.



Kwala polelopalo ya:



Poeletso:

Poeletso: Khalara karabo e e nepagetseng.

pono-pele
pono-morago
pono-letlhakore

pono-pele
pono-morago
pono-letlhakore

pono-pele
pono-morago
pono-letlhakore

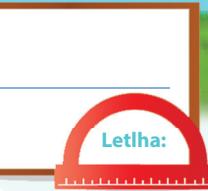
pono-pele
pono-morago
pono-letlhakore



Teacher:
Sign:
Date:



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Go tlhakanya le go ntsha – go aga le go thuba

Poeletso:

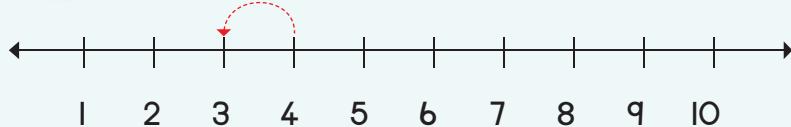
Ikatise go kwala leina la palo.

9

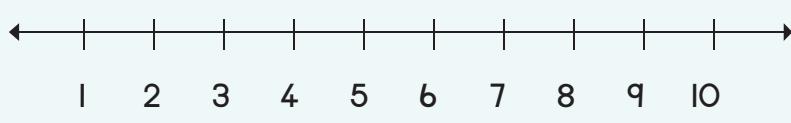
robongwe



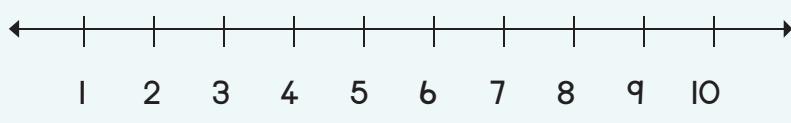
Tlatsa karabo.



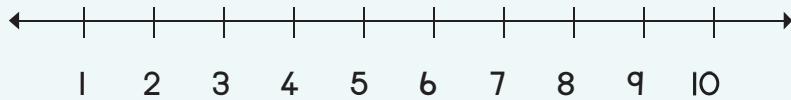
$$4 - 1 =$$



$$5 - 3 =$$



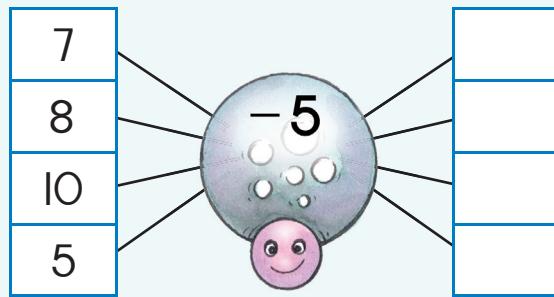
$$4 - 2 =$$



$$5 - 2 =$$



Thusa segokgo go fetsa
dipalo.



Go na le dipelo di le kae?



Itirele palo ya gago.

$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$





Balela tse di latelang.

$$7 + 4 = \boxed{}$$

$$7 + 4 + 1 = \boxed{}$$

$$10 + 1 = \boxed{}$$

$$6 + 6 = \boxed{}$$

$$6 + \boxed{} + \boxed{} = \boxed{}$$

$$10 + \boxed{} = \boxed{}$$

$$13 - 6 = \boxed{}$$

$$13 - 3 + 3 = \boxed{}$$

$$10 - 3 = \boxed{}$$

$$12 - 8 = \boxed{}$$

$$\boxed{} - \boxed{} + \boxed{} = \boxed{}$$

$$10 - 3 = \boxed{}$$



Kwala dikarabo, khalara mme o thale.

$$8 + 6 = \boxed{}$$

Re ka nna ra e bontsha jaana:

$$(8 + 2) + 4 = \boxed{} \rightarrow 10 + 4 = \boxed{}$$

$$15 - 7 = \boxed{}$$

Re ka nna ra e bontsha jaana:

$$(15 - 5) - 2 = \boxed{} \rightarrow 10 - 2 = \boxed{}$$

$$9 + 4 = \boxed{}$$

Re ka nna ra e bontsha jaana:

$$(9 + 1) + 3 = \boxed{} \rightarrow \boxed{} + \boxed{} = \boxed{}$$

$$14 - 5 = \boxed{}$$

Re ka nna ra e bontsha jaana:

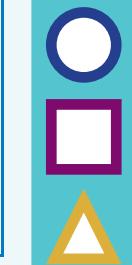
$$(\quad - \quad) - 1 = \boxed{} \rightarrow 10 - 1 = \boxed{}$$

Poletso:

Ikatise go kwala leina la palo.

10

robongwe



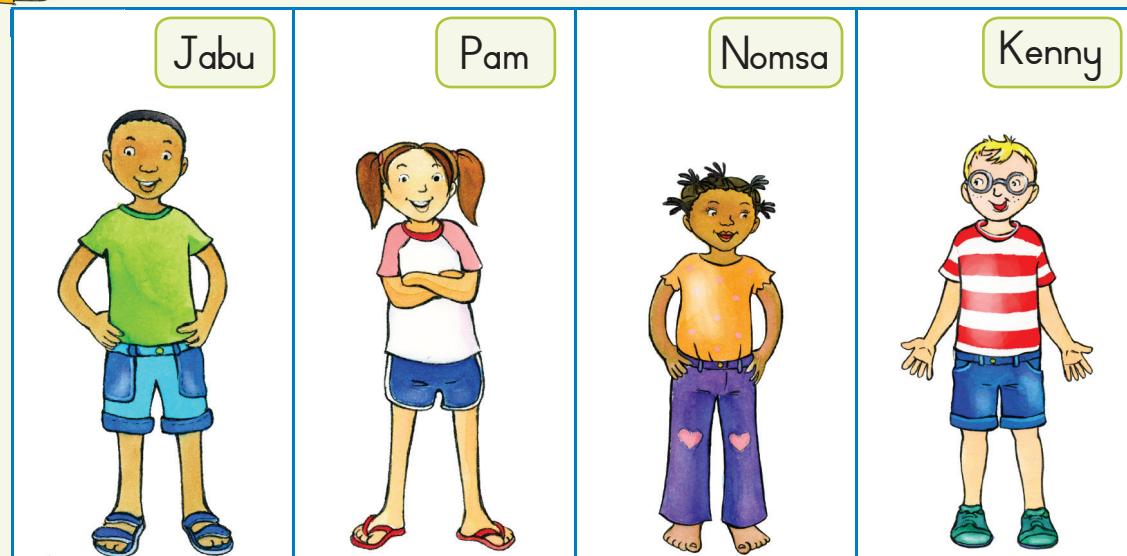
11 12 13 14 15 16 17 18 19 20

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Lebelela setshwantsho mme o arabe dipotso.

Kgweditsharo 3



Ke mang yo moleelelelele?

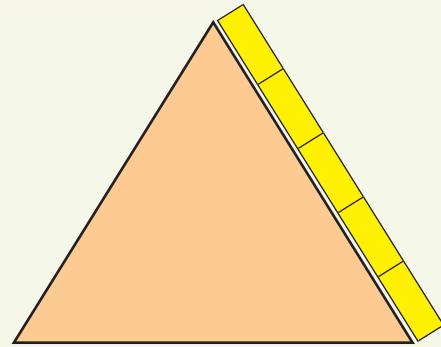
Ke mosimane ofe yo mokhutshwakhutshwane?

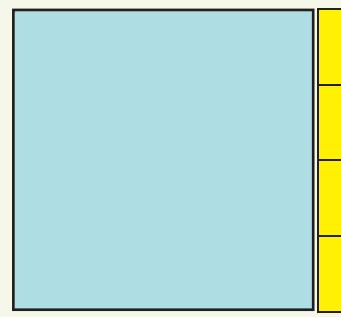
Ke mang yo mokhutshwakhutshwane?

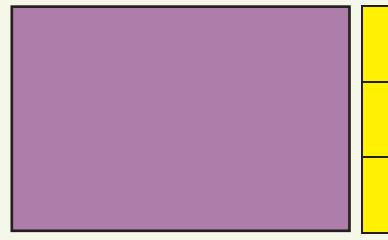
Ke mosetsana ofe yo moleelelelele?



Matlhakore a dibopego tse a bopiwa ke diboloko di le kae?









20

0

1

2

3

4

5

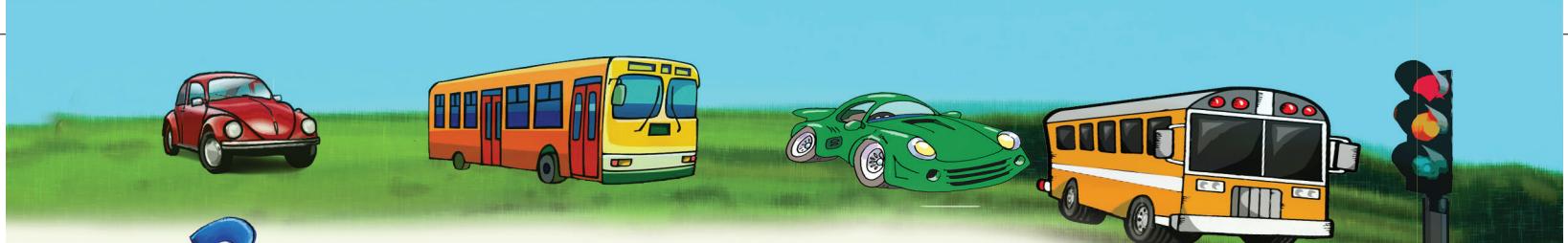
6

7

8

9

10



Boleele le bopphara jwa tafole bo bopiwa ke diboloko le diphensele di le kae?



Bophara ke diboloko di le ____.

Boleele ke diboloko di le ____.



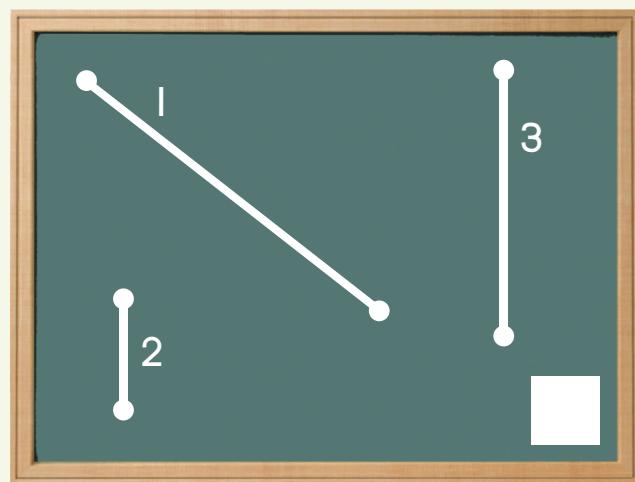
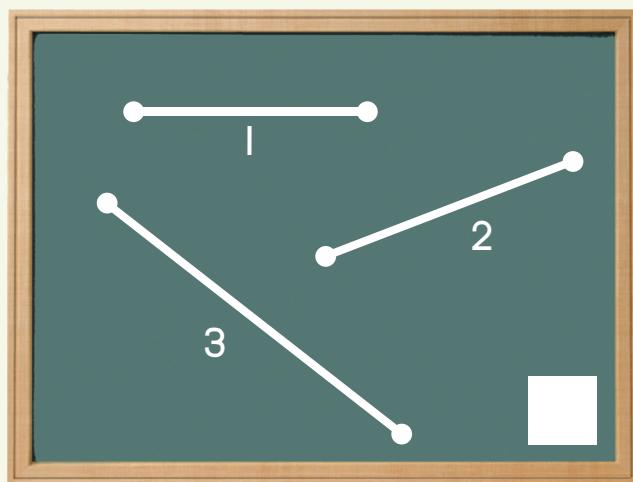
Bophara ke diboloko di le ____.

Boleele ke diboloko di le ____.



Ke mola ofe o
mokhutshwakhutshwane?
Mola wa l, 2 kgotsa 3?

Ke mola ofe o moleelelelele?
Mola wa l, 2 kgotsa 3?



Teacher:	Sign:
Date:	



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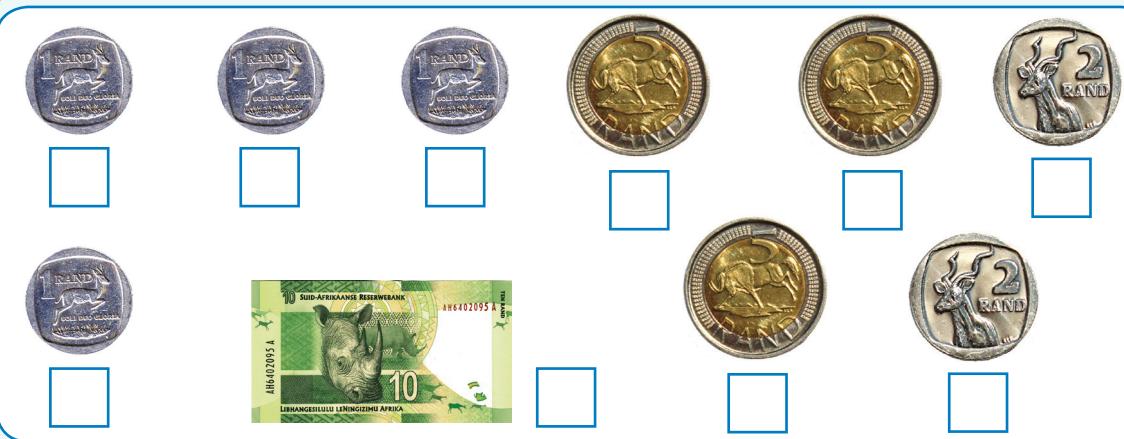
Tshwaya tlhotlwa e e kwa godimodimo mo moleng mongwe le mongwe.



Tshwaya dikhoene (maditshipi) tse di tlaa go nayang RIO.



Tshwaya dikhoene (maditshipi) tse di tlaa go nayang RIO.



22

0 1 2 3 4 5 6 7 8 9 10

Letha:



Balela tse di latelang:

$R5 + RIO =$

$R5 + R2 + R8 =$

$RIO + RIO =$

$R3 + RIO + R2 + R2 =$

$R5 + R7 + RI + R5 =$

$RIO + RI + R5 + R2 =$



Rarabolola tse di latelang:

Ke na le khoene ya R2 le khoene ya R5.
Tsala ya me e na le dikhoene di le tharo tsa
R2. Ke mang yo o nang le madi a mantsi.

Ke na le khoene ya R5 le khoene ya RI.
Tsala ya me e na le dikhoene di le tharo tsa
R5. Ke mang yo o nang le madi a mantsi.



Ke na le RI5:

Ke duela

Tšhentšhi



Balela tse di latelang:

$R4 + R7 = RII$

$R4$

$R6 + R9 =$

$R8 + R3 =$

$R2 + RII =$

$R3 + R8 =$

$R6 + R8 =$

$RO + R2 =$

$R2 + R2 =$

$R4 + R2 =$

$R6 + R2 =$

Ke na le RI5. Ke reka pakete ya ditšipisi ka R6.
Ke saletswe ke bokae?



E dire nnyane ka R2.

RII		R4	
RI2		R6	
RIO		R8	



Teacher:

Sign:

Date:



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Thala dikhoene go bopa:

RI1	
RI2	
RI3	
RI4	



Tshwaya le bo le tlatse karabo e nepagetseng.

$$RI8 - R8 = \boxed{}$$



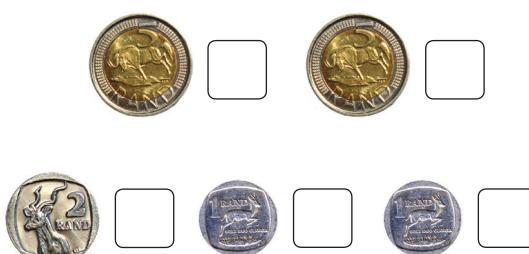
$$RI2 - R2 = \boxed{}$$



$$RI5 - R4 = \boxed{}$$



$$RI4 - R7 = \boxed{}$$



Balela tse di latelang:

$$RI5 - RIO = \boxed{}$$

$$RIO - RI - RI - R2 = \boxed{}$$

$$R2O - R2 - R8 = \boxed{}$$

$$R5 - R4 = \boxed{}$$

$$R2O - R5 = \boxed{}$$

$$RIO - RI - R5 - R2 = \boxed{}$$



0 1 2 3 4 5 6 7 8 9 10

Madi le tšhentšhi

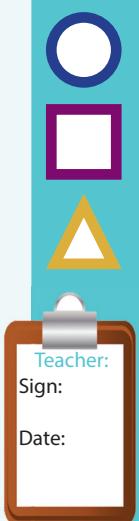


Balela tse di latelang:

Ke na le RI5. Ke reka ka:	Ke saletswe ke bokae?
R2 gape R4 =	R9
R8 gape R4 =	
RI2 gape R2 =	
R5 gape R5 =	
R8 gape R7 =	
RIO gape R2 =	
R8 gape R2 =	
R6 gape R2 =	
R4 gape R2 =	
R2 gape R2 =	
R9 gape R6 =	
RIO gape R2 =	



Ke na le RI5. Ke reka kgetsana ya dimonamone tsa RII.
Thala setshwantsho go bontsha gore o saletswe ke madi a makanakang.



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Madi: go tlhakanya le go ntsha

Balela tse di latelang:

$RIO + R2 =$	<input type="text"/>
$RIO + R4 =$	<input type="text"/>
$R9 + R5 =$	<input type="text"/>
$RI2 + R5 =$	<input type="text"/>

$RIO + R5 =$	<input type="text"/>
$RIO + R7 =$	<input type="text"/>
$R8 + R4 =$	<input type="text"/>
$RI4 + R2 =$	<input type="text"/>

$RIO + RI =$	<input type="text"/>
$RIO + R6 =$	<input type="text"/>
$R7 + R6 =$	<input type="text"/>
$RII + R6 =$	<input type="text"/>



Balela tse di latelang:

$RIO - R7 =$	<input type="text"/>
$RI5 - RI =$	<input type="text"/>
$RI2 - R2 =$	<input type="text"/>
$RI5 - R6 =$	<input type="text"/>

$RIO - R2 =$	<input type="text"/>
$RI5 - RI5 =$	<input type="text"/>
$RI4 - R7 =$	<input type="text"/>
$RI2 - R9 =$	<input type="text"/>

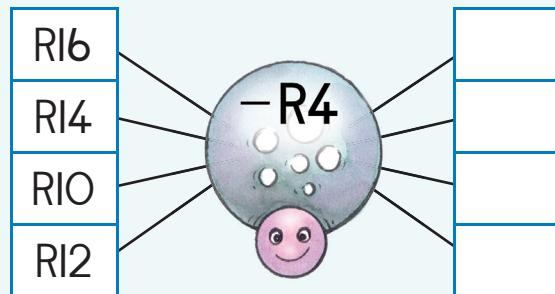
$RIO - R5 =$	<input type="text"/>
$RI5 - R2 =$	<input type="text"/>
$RI6 - R6 =$	<input type="text"/>
$RI4 - R4 =$	<input type="text"/>



Thusa segokgo go fetsa dipalo tsotlhe.



E dire nnyane ka R2.



$R4 - R2 =$	<input type="text"/>
-------------	----------------------

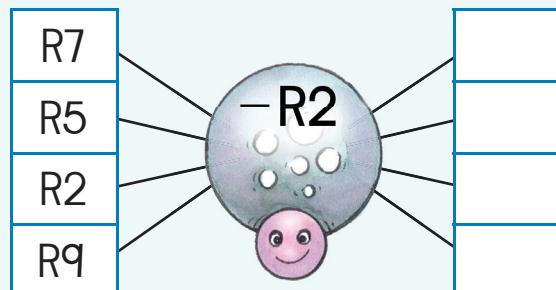


$R7 - R2 =$	<input type="text"/>
-------------	----------------------





Thusa segokgo go dira dipalo tsotlhe tsa go ntsha.



Rarabolola tse di latelang.

O ne o na le R12. Mmaago o go file R5.
Jaanong o na le bokae?

O na le R19. O reka dimonamone ka R8.
O saletswe ke bokae?



Ke bolokile madi a makae?



Bontsha palo mo molapalong mme o balele karabo.



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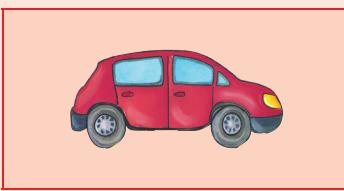
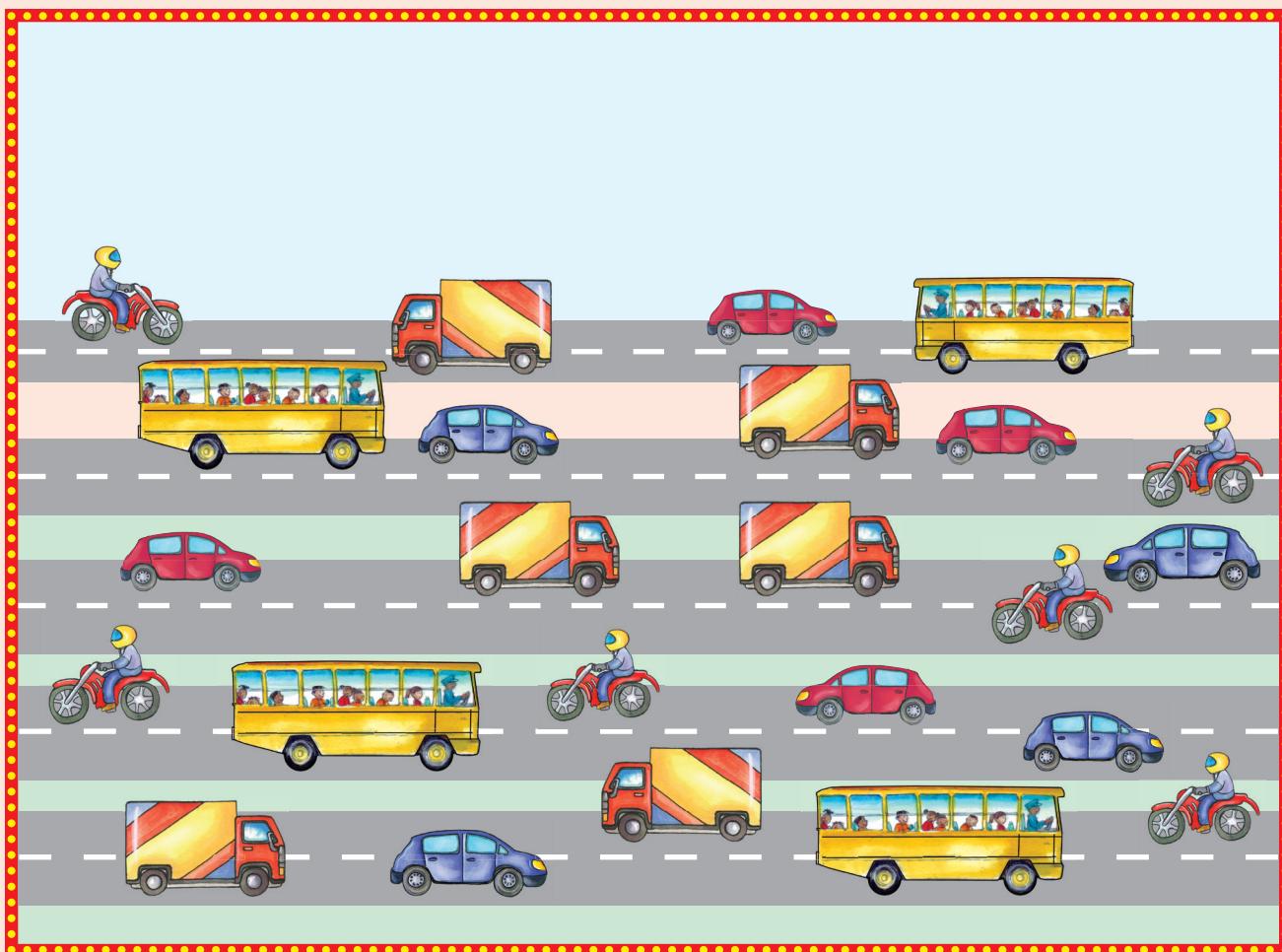


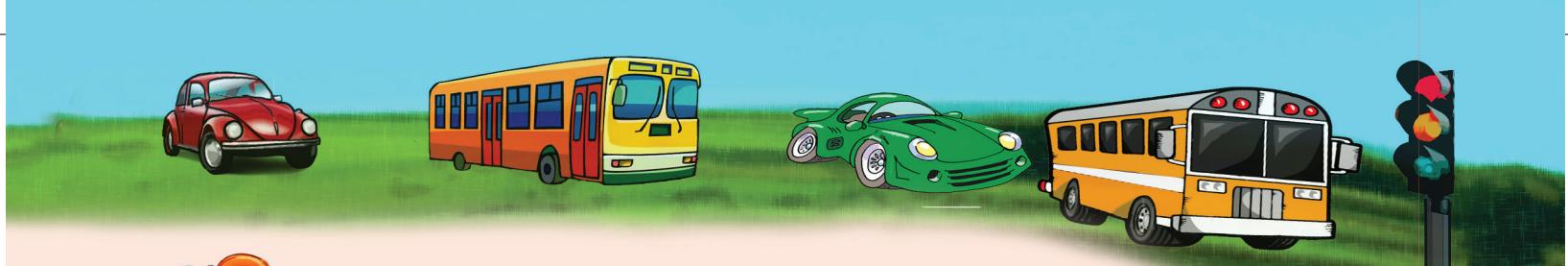
Bala gore o kgona go bona dikoloi di le kae tsa mofuta o le mongwe.

Kgweditharo 3

Tshedimosetso

Letlha:





Bala dibopego mme o khalare tshate e e fa tlase go bontsha
gore go na le tse kae nngwe le nngwe.
Morago o arabe dipotso.



5						
4						
3						
2						
1						
	▲	●	■	◆	★	○

_____ ke tse dintsintsi.

_____ ke tse dinnyennye.

Teacher:
Sign:
Date:



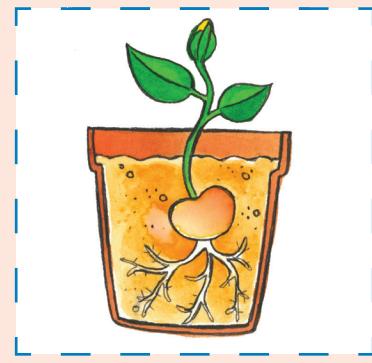
7q



Kgweditharo 3

Tshedimosetso le nako

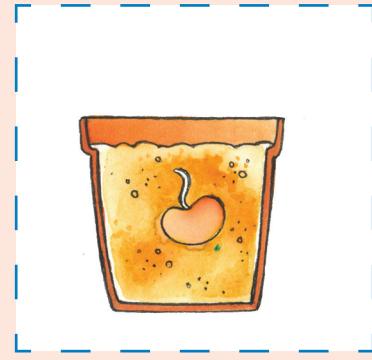
Bua ka ga ditshwantsho tse mme morago o di beye ka tatelano e e nepagetseng.



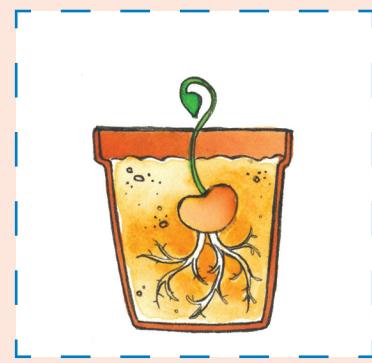
1



2



3



4



30

0

1

2

3

4

5

6

7

8

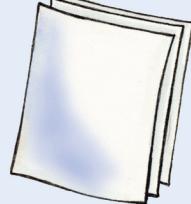
9

10

Letlha:



Dirisa dikarata tse di tlhaolang go tswa mo Mosegong wa I
go feleletsa kerafo ya ditshwantsho.



--	--	--	--



Teacher:
Sign:
Date:



80



Ditlhophha tsa bo tlhano go fitlha ka 15

Poeletso:

Ikatise go kwala leina la palo.

5

tlhano



Lebelela setshwantsho mme o arabe potso.



O kgona go dira ditlhophha tsa 5 di le kae?

Lebelela setshwantsho

Re ka e kwala ka mokgwa o:

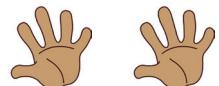
Thala ya gago fa.



Setlhophha se le I
sa 5 ke 5



Bala menwana moargo o tlatse karabo ya gago.



$$5 + 5 =$$



$$5 + 5 + 5 =$$



$$5 + 5 + 5 + 5 =$$

Ditlhophha tse 2 tsa 5
ke 10



32

0

1

2

3

4

5

6

7

8

9

10

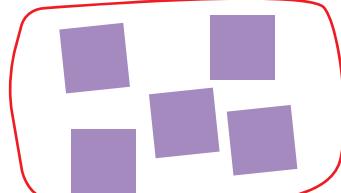


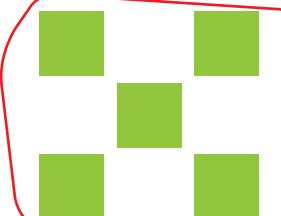
Thala didiko kana disekele
go dikologa tse di latelang:



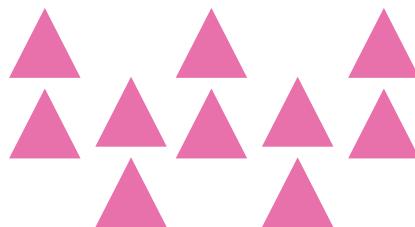
Kwala dipolelopalo tsa tse
di latelang.

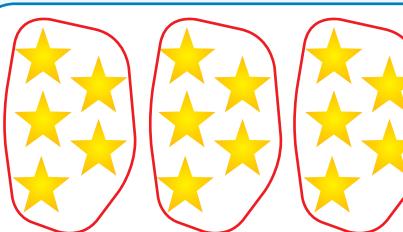
Setlhophpha se le I sa 5



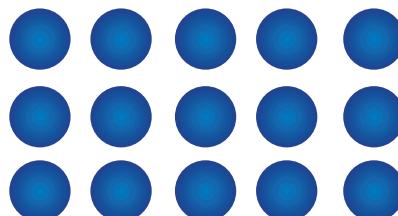


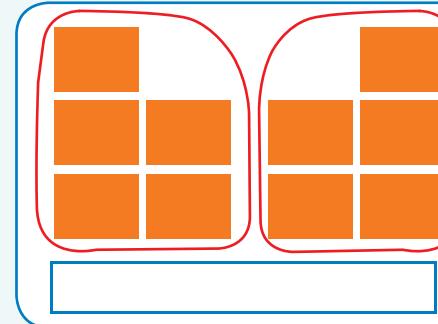
Ditlhophpha tse 2 tsa 5





Ditlhophpha tse 3 tsa 5







O kgona go dira ditlhophpha tsa bo-thano di le kae ka?

10	le	0		ditlhophpha
8	le	2		ditlhophpha
6	le	4		ditlhophpha
4	le	1		ditlhophpha
2	le	3		ditlhophpha



81



Letsha:

Bo-tlhano: Poeletso ya go tlhakanya go fitlha ka 15

Poeletso:

Poeletso: Tlatsa dipalo tse di tlogetsweng.



Go na le menwana ya maoto le ya matsogo e le mekae? E kwalele polelo.



Setlhophpha sa dipanana di le tlhano.

Ditlhophpha tse pedi tsa mabolomo a e matlhano nngwe le nngwe.

Thala:



Thala dibopego tsa tse di latelang:

$$5 + 5 = \boxed{10}$$

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

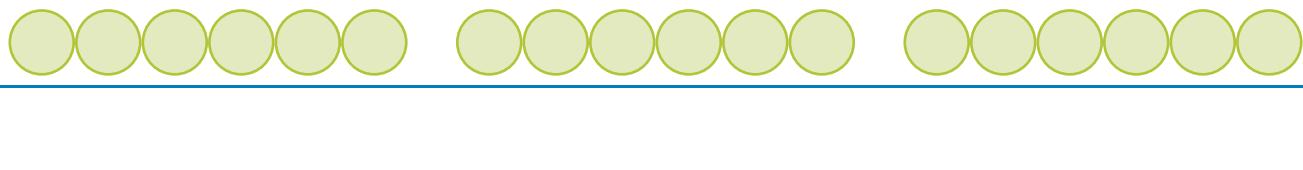




Sekeletsa mme o bale gore o ka dira ditlhophpha tsa tlhano di le kae mo karateng nngwe le nngwe.



Kwala polelopalo ya:



Dirisa mabala e e farologaneng go bontsha dipalo tse o tlaa di dirisang go bopa ditlhophpha tsa tlhano.

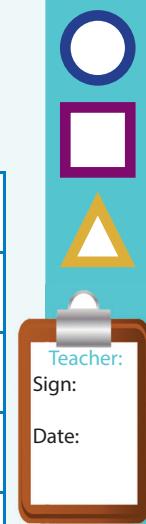
I	2	3	4	5	6	7	8	q	10
II	I2	I3	I4	I5					



O kgona go bopa ditlhophpha tsa tlhano di le kae?

I	le	I4	di tlaa bopa		ditlhophpha
I3	le	2	di tlaa bopa		ditlhophpha
8	le	2	di tlaa bopa		ditlhophpha
7	le	8	di tlaa bopa		ditlhophpha
q	le	2	di tlaa bopa		ditlhophpha

II I2 I3 I4 I5 I6 I7 I8 I9 20



82



Letha:

Bo-tlhano go fitlha ka 15

Kgweditlhano 3

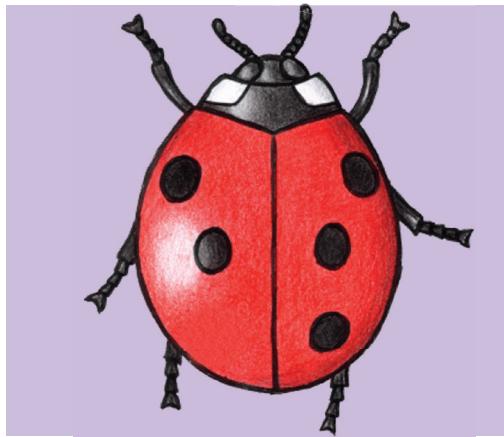
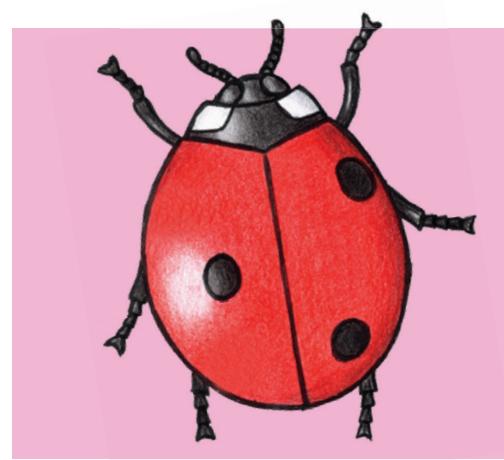
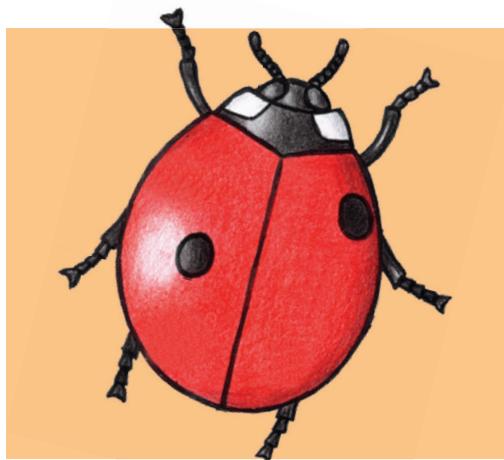


Tlatsa dipalo tse di tlogetsweng.

I		3		5		7	8	q	
II	I2								



Bopa ditlhophha tsa tlhano. Podilekgwana nngwe le nngwe e tshwanetse go nna le ditlhophha tsa maronthorontho a mantsho a le matlhano mo lefukeng lengwe le lengwe.

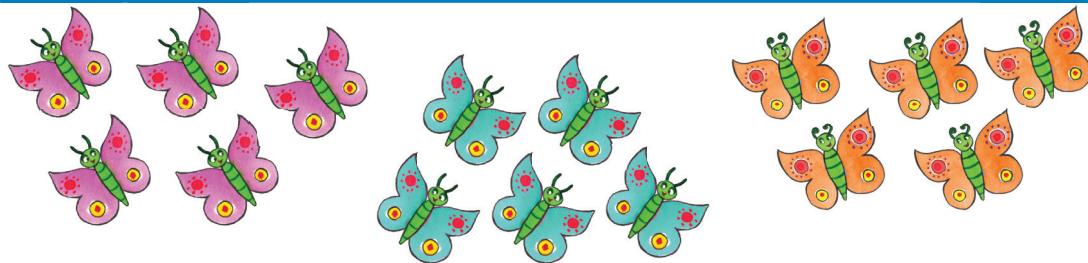
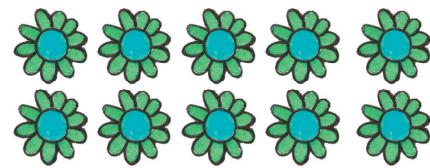


36





Kwala polelopalo ya sengwe le sengwe.



Balela tse di latelang:

$$0 + \boxed{5} = \boxed{\quad}$$

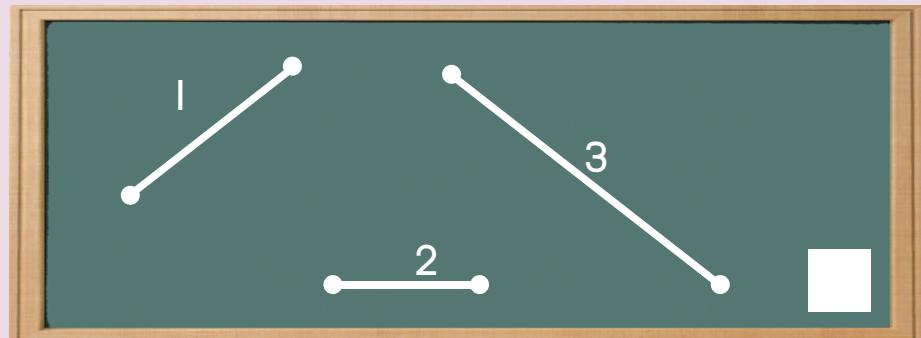
$$\boxed{5} + \boxed{5} + \boxed{5} = \boxed{\quad}$$

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

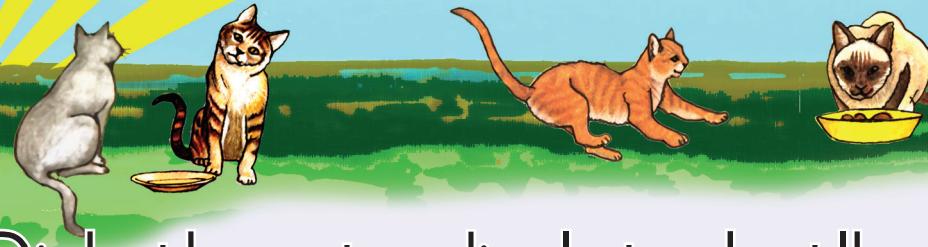
$$\boxed{5} + \boxed{5} + \boxed{5} + \boxed{5} = \boxed{\quad}$$

Poeletso:

Poeletso: Ke mola ofe o o leng moleelelelele?



83



Letlha:

Diphethene tsa dipalo tsa bo tlhano go fitlhha ka 50

Kgweditlhano 3

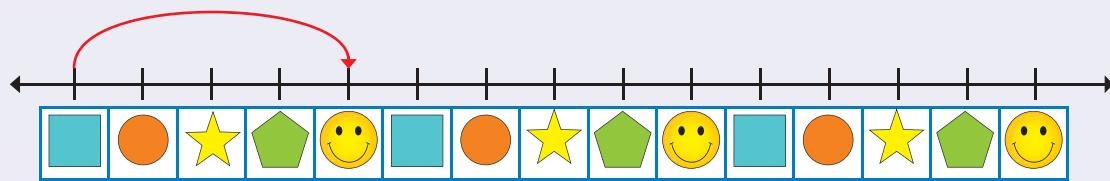


Feleletsa diphethene tsa bo - tlhano ka go khalara dipalo.

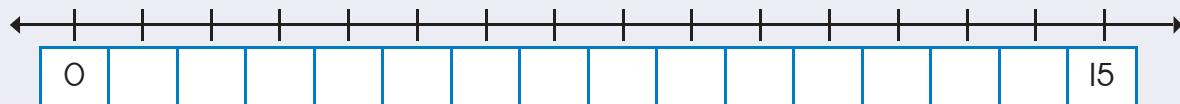
I	2	3	4	5	6	7	8	9	10
II	12	13	14	15	16	17	18	19	20
2I	22	23	24	25	26	27	28	29	30
3I	32	33	34	35	36	37	38	39	40
4I	42	43	44	45	46	47	48	49	50



Thala dihupu go bontsha ditlhophpha tsa tlhano.

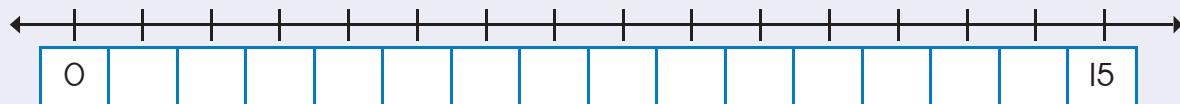


Tlatsa dipalo tse di tlogetsweng mme o thale dihupu go bontsha ditlhophpha tsa tlhano.



Feleletsa molapalo. Thala dihupu go bontsha ditlhophpha tsa tlhano.

Go na le ditlhophpha tsa tlhano di le .

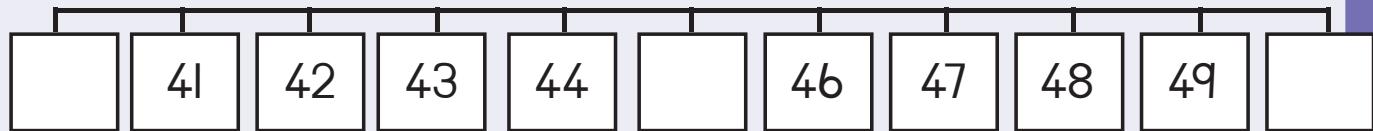
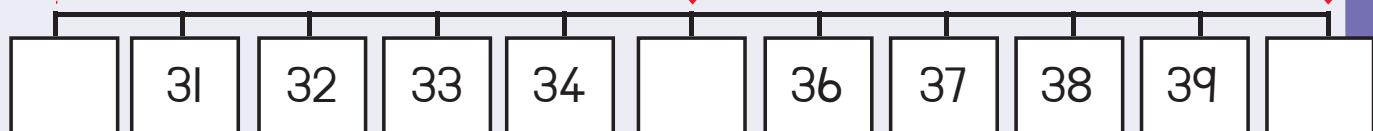


38

0 1 2 3 4 5 6 7 8 9 10

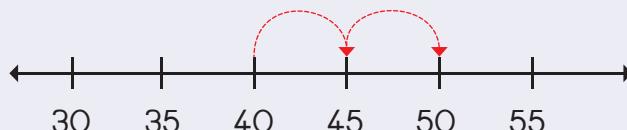


Sega dipalo tse di tlogetsweng go tswa mo Mosegong wa 2
mme o di beye mo melapalong.



Thala dihupu go bontsha tse di latelang:

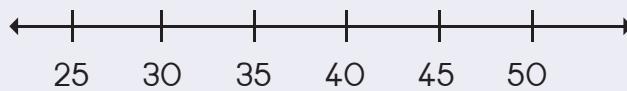
40, 45, 50



10, 15, 20



25, 30, 35



11 12 13 14 15 16 17 18 19 20



84



Letlha:

Kgweditharo 3

Diphethene tsa dipalo tsa bo tlhano go fitlha ka 80



O kgona go bona ditlhophpha di le kae tsa tlhano mo setshwantshong?



Feleletsa ditshwantsho tse go bontsha ditlhophpha tse pedi tsa tlhano mo bolokong nngwe le nngwe.



40

0

1

2

3

4

5

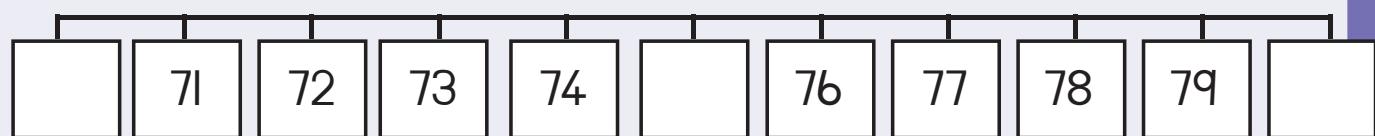
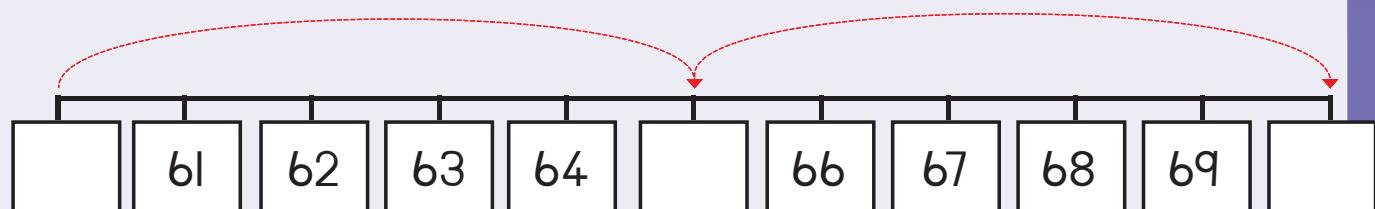
6

7

8

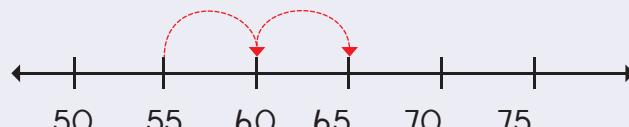
9

10



Thala dihupu go bontsha tse di latelang:

55, 60, 65



65, 70, 75



70, 75, 80



11 12 13 14 15 16 17 18 19 20



85



Letsha:

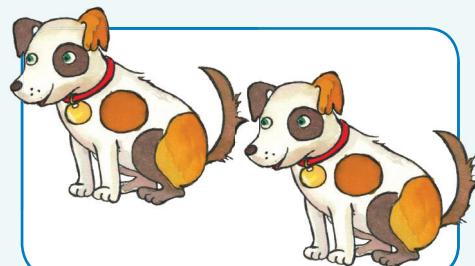
Dikoketsagabedi



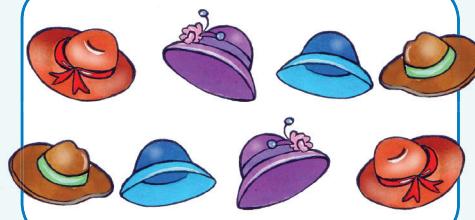
Oketsa dilwana gabedi mme o tlatse karabo.



Fa 1 a oketswa
gabedi ke



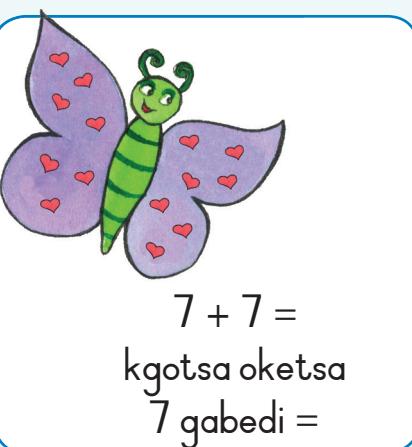
Fa 4 a oketswa
gabedi ke



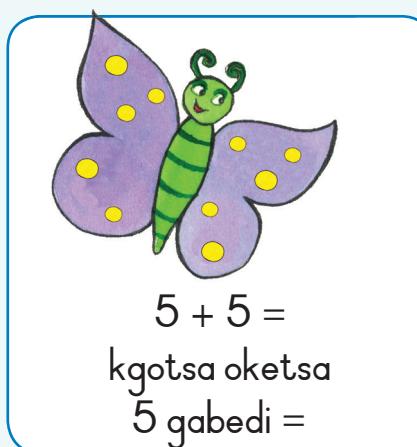
Fa 5 a oketswa
gabedi ke



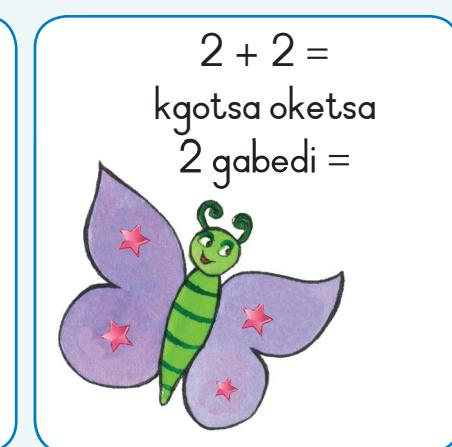
Bala dibopego mo lefukeng lengwe le lengwe la serurubele. Feleletsa dipolelopalo tse di gabedi.



$$7 + 7 = \\ \text{kgotsa oketsa} \\ 7 \text{ gabedi} =$$

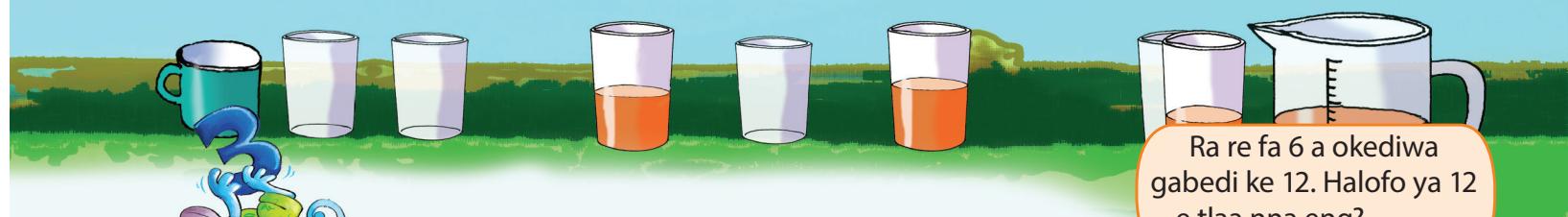


$$5 + 5 = \\ \text{kgotsa oketsa} \\ 5 \text{ gabedi} =$$



$$2 + 2 = \\ \text{kgotsa oketsa} \\ 2 \text{ gabedi} =$$





3

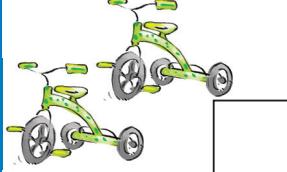
Feleletsa tse di latelang.

Ra re fa 6 a okediwa gabedi ke 12. Halofo ya 12 e tlaa nna eng? _____

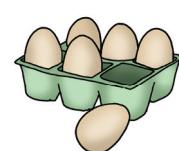
O bona maotwana a le makae?



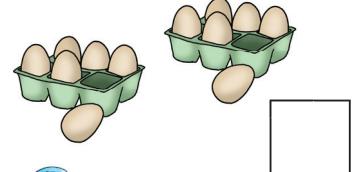
O bona maotwana a le makae jaanong?



Go na le mae a le makae mo paketeng?



Jaanong go na le mae a le makae?



4

Bala maronthorontho mme morago o a oketse gabedi.

5

Oketsa dipalo gabedi.

	1	oketsa gabedi →		2
	2	oketsa gabedi →		
	3	oketsa gabedi →		
	4	oketsa gabedi →		
	5	oketsa gabedi →		

6

Feleletsa tse di latelang.

Go na le malatsi a le makae mo bekeng?	

Go na le malatsi a le makae mo dibekeng tse pedi?

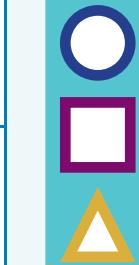
Ra re 7 fa a okediwa gabedi ke 14. Halofo ya 14 e tlaa nna eng? _____

O bona maoto a le makae?	

Go na le malatsi a le makae mo dibekeng tse pedi?	

Ra re 7 fa a okediwa gabedi ke 14. Halofo ya 14 e tlaa nna eng? _____

	Feleletsa tse di latelang.	$2 + 2 + 1 =$	5	kgotsa	Fa o oketsa 2 gabedi + 1=5
		$4 + 4 + 1 =$		kgotsa	
		$7 + 7 + 1 =$		kgotsa	



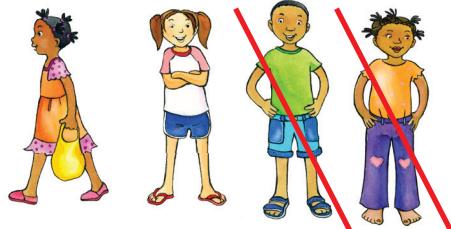
86



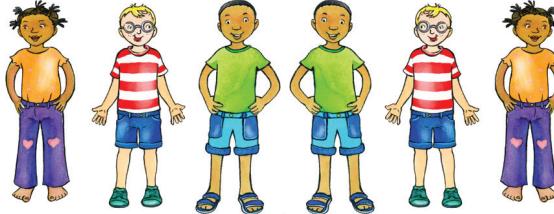
Dihalofo



Ntsha halofo ya bana mme o kwale karabo.



Halofo ya 4 ke _____



Halofo ya 6 ke _____



Halofo ya 2 ke _____



Halofo ya 8 ke _____



Ntsha halofo mme morago o tlatse karabo.

Halofo ya 2 ke =

Halofo ya 8 ke =

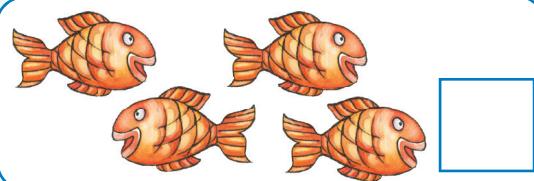
Halofo ya 4 ke =

Halofo ya 10 ke =

Halofo ya 5 ke =

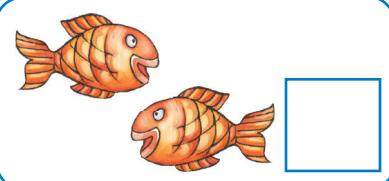


Go na le
ditlhapi di
le kae?





Halofo ya
ditlhapi ke?







5 Bala maronthorontho mme o di hafole.

	2	hafola →		<input type="text"/>
	4	hafola →		<input type="text"/>
	6	hafola →		<input type="text"/>
	8	hafola →		<input type="text"/>
	10	hafola →		<input type="text"/>



Hafola dipalo.

4	hafola →	
8	hafola →	<input type="text"/>
6	hafola →	<input type="text"/>
10	hafola →	<input type="text"/>
12	hafola →	<input type="text"/>
14	hafola →	<input type="text"/>



Araba tse di latelang:

O bona maoto a le makae?



O bona maoto a le makae jaanong?



Ra re halofo ya 8 ke

11

12

13

14

15

16

17

18

19

20



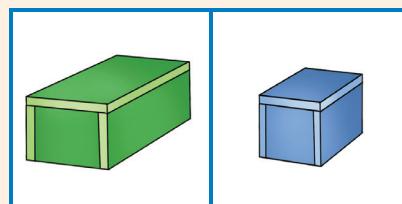
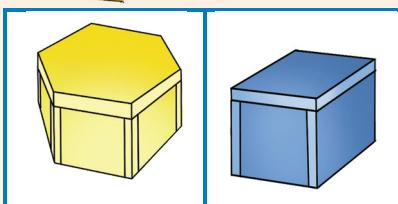


Letlha:

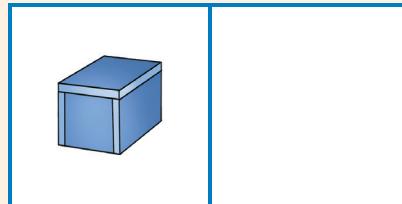
Dilo tsa matlhakore - 3



Tshwaya selo tse dinnyennye.

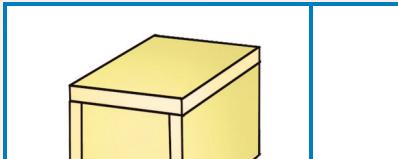
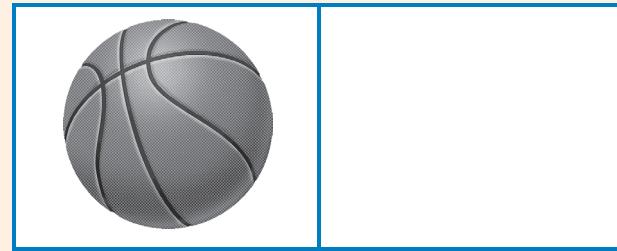


Thala selo se segolwane ka fa letlhakoreng la moja la setshwantsho sengwe le sengwe.



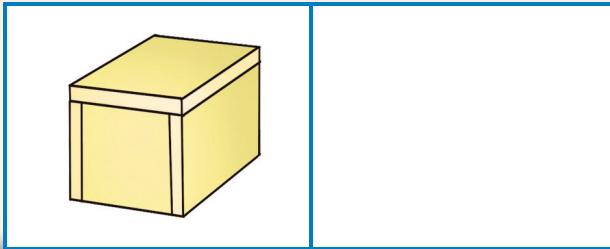
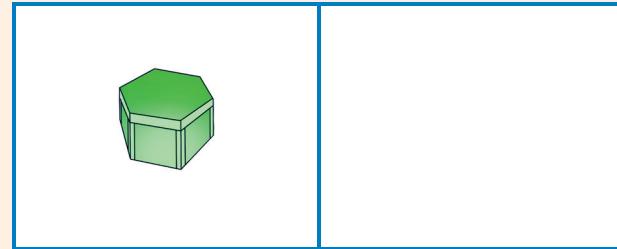
Thala kgwele e kgolwane go na le kgwele e e botala jwa legodimo.

Thala kgwele e nnyanenyana go na le kgwele e tshetlha.



Thala kgwele e nnyanenyana go na le lebokoso le le serolwana.

Thala lebokoso le legolwane go na le lebokoso le le botala jwa tlhaga.



46

0

1

2

3

4

5

6

7

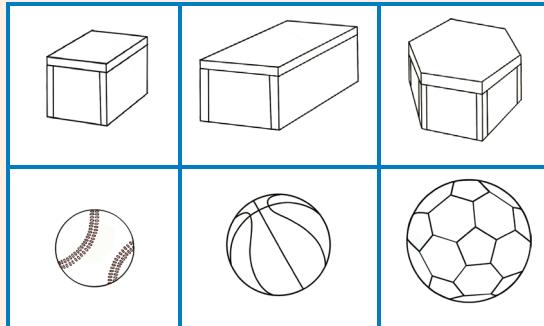
8

9

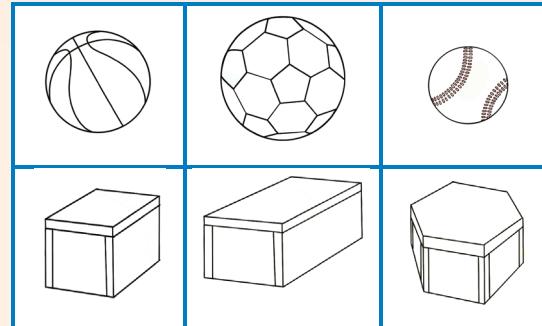
10



5 Khalara lebokoso le lennyennye ka botalajwa legodimo le kgwele e nnyennye ka serolwana.



Khalara lebokoso le legologolo ka bopinki le kgwele e kgolokgolo ka bohibidu.



6 A o kgonna go aga tora ka dilo tse di latelang?
Khalara 'E' kgotsa 'Nnyaya'.



7 Seg a mme o kgomaretse ditshwantsho go tswa mo makasineng kgotsa mo lokwalodikgannyeng go aga ditora tsa gago tse pedi.

Gakologelwa gore ditora di tshwanetse go itshetlega sentle.



Teacher:
Sign:
Date:



88



Letlha:

Kgweditharo 3

Dilo tsa mathakore -3 – Go relela le go kgokologa



kgokologa relela



kgokologa relela



kgokologa relela



kgokologa relela



A se se latelang se a kgonagala?
Khalara karabo e e nepagetseng.



ee nnyaya



ee nnyaya



ee nnyaya



Tlhaola dilo tse di latelang ka go di thala mo bolokong e e nepagetseng.

	Dibolo	Mabokoso
--	--------	----------



Tlhaola dilo go ya ka bogolo ka go di thala kana go di tshwantsha.

	Dibolo tse dinnye	Mabokoso a mannye
	Bolo e kgolo	Mabokoso a magolo

89



Letlha:

Diphethene tsa jiometeri

Poletso:

Thala tse di latelang:

Sekele

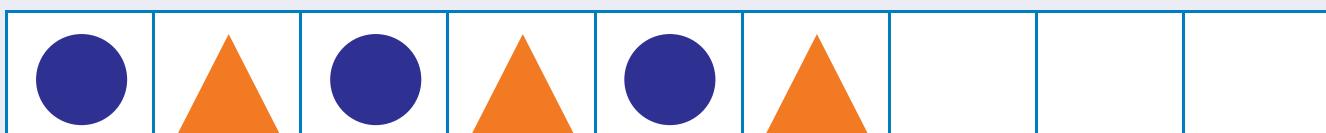
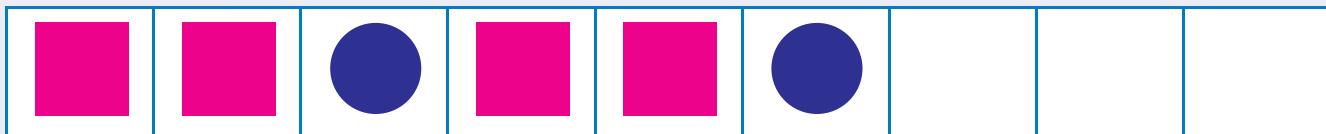
Sekwere

Khutlonnetsepa

Kgweditharo 3



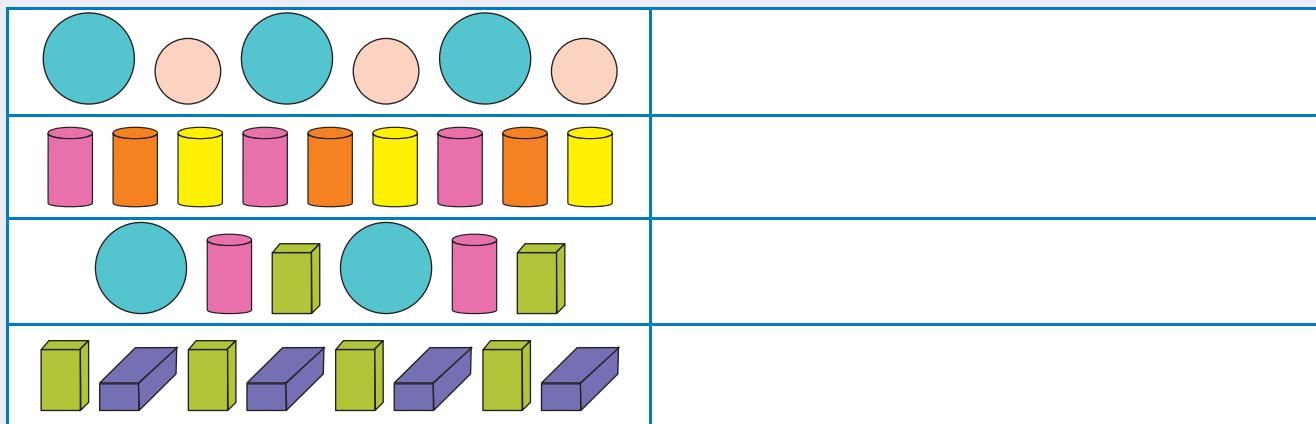
Feleletsa phethene.



0 2 3 4 5 6 7 8 9 10



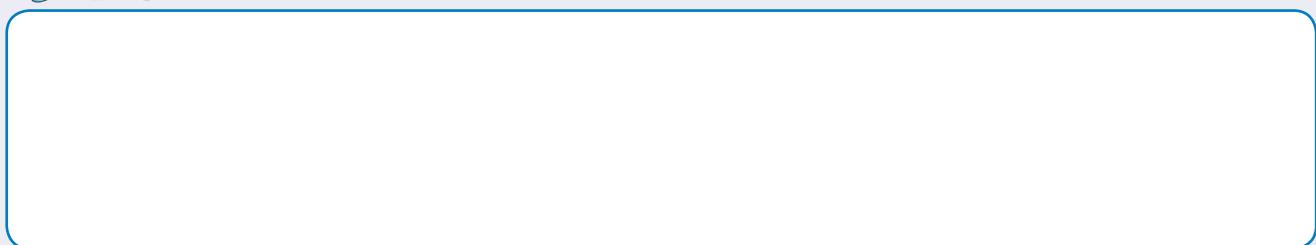
Dira ditshwantsho go tswelela ka phethene.



Thala phethene ya gago.



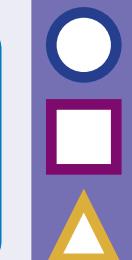
Kgomaretsa ditshwanthso go bopa phethene ya gago.



Feleletsa phethene.

A	B	C	A	B	C				A	B	C
---	---	---	---	---	---	--	--	--	---	---	---

11 12 13 14 15 16 17 18 19 20



Teacher:
Sign:
Date:



90



Ditlhophha tsa pedi go fitlha ka 15



Kwala leinapalo la simbolo e ya palo.

2

pedi



Araba dipotso.



O bona diphenkwini di le kae?

O bona dipara tsa maoto di le kae?

E kwale jaaka polelopalo.



Araba dipotso.

Go na le dibuka di le kae?

Ke ka kgoa go bopa ditlhophha tsa pedi di le kae?

E kwale jaaka polelopalo.



Kwala leinapalo la simbolo e ya palo.

4



Bala diphuka, mme o tlatse karabo ya gago.



$$2 + 2 =$$



$$2 + 2 + 2 =$$



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



0

1

2

3

4

5

6

7

8

9

10

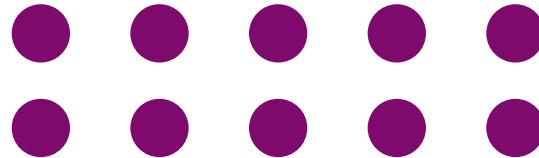


Thala disekele go dikologa tse di latelang go bopa:

Ditlhophpha di le 4 tsa 2



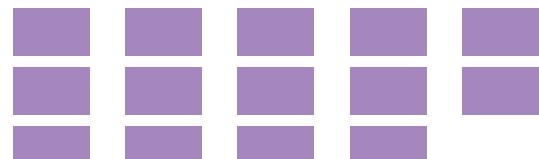
Ditlhophpha di le 5 tsa 2



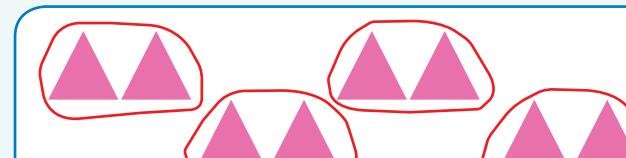
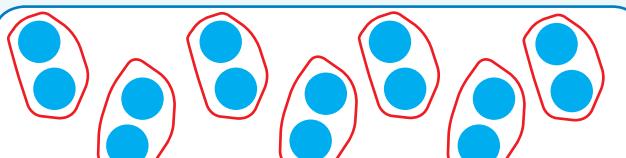
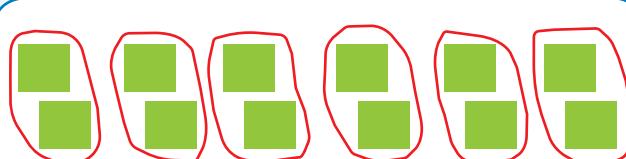
Ditlhophpha di le 6 tsa 2



Ditlhophpha di le 7 tsa 2



Kwala polelopalo ya tse di latelang:



O kgona go bopa ditlhophpha tsa pedi di le kae?

13 le 1 di tlaa dira	ditlhophpha
11 le 1 di tlaa dira	ditlhophpha
9 le 1 di tlaa dira	ditlhophpha
7 le 1 di tlaa dira	ditlhophpha

12 le 1 di tlaa dira	ditlhophpha
5 le 1 di tlaa dira	ditlhophpha
1 le 1 di tlaa dira	ditlhophpha
10 le 0 di tlaa dira	ditlhophpha

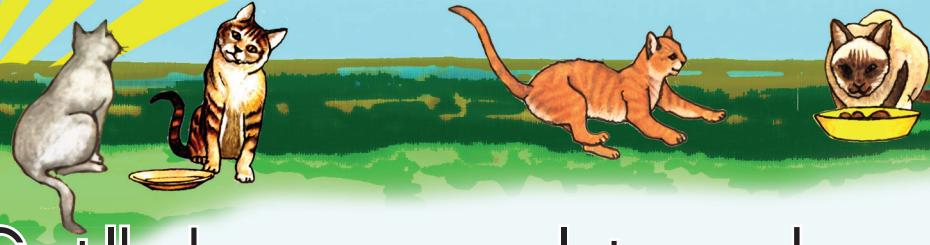


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q1



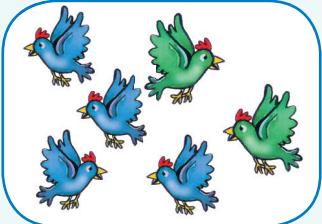
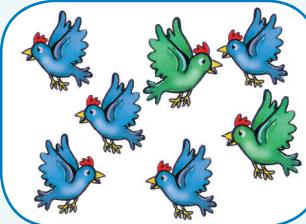
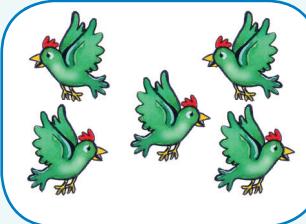
Letha:

Go tlhakanya ga poeletso ya bo pedi go fitlha ka 15

Kgweditharo 3



Go na le maoto a le makae?



O a badile jang?



Thala dibopego go bontsha tse di latelang:

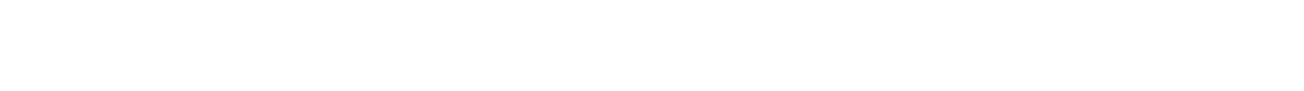
$$2 + 2 + 2 + 2 + 2 = \boxed{}$$



$$2 + 2 + 2 + 2 + 2 + 2 + 2 = \boxed{}$$



$$2 + 2 + 2 + 2 = \boxed{}$$



$$2 + 2 + 2 + 2 + 2 + 2 = \boxed{}$$





Kwala dipolelopalo tsa tse di latelang:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
$2 + 2 + 2 + 2 + 2 = \boxed{\quad}$									

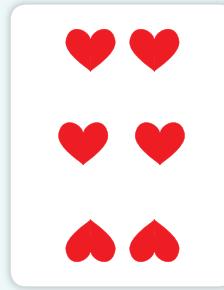
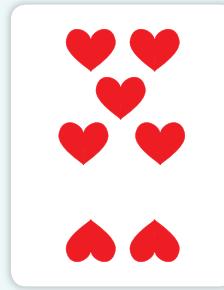
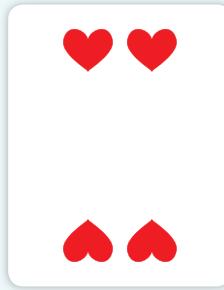
<input type="text"/>									
<input type="text"/>									

<input type="text"/>									
<input type="text"/>									

<input type="text"/>									
<input type="text"/>									



Sekeletsa mme o bale gore karata nngwe le nngwe e dirwa
ke ditlhophpha tsa pedi di le kae.



Feleletsa phethene e ya dipalo tse o tlao di dirisang go bopa ditlhophpha tsa pedi.

1	2	3	4	5	6	7	8	9	10
II	I2	I3	I4	I5					

II I2 I3 I4 I5 I6 I7 I8 I9 20



q2



Letha:

Bo pedi go fitlha ka 15



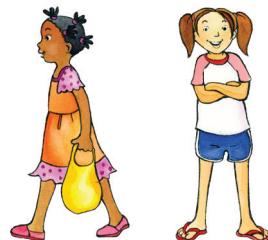
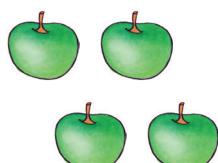
Tlatsa dipalo tse di tlogetsweng.

- | | | | | | | | | | |
|----|--|----|--|----|--|---|--|---|--|
| I | | 3 | | 5 | | 7 | | 9 | |
| II | | 13 | | 15 | | | | | |



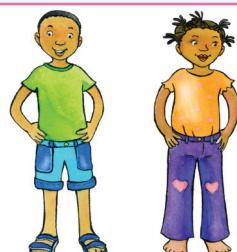
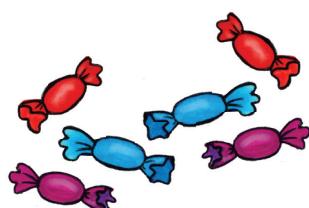
Bopa ditlhophpha tsa pedi.

Thala sekele go dikologa setlhophpha sengwe le sengwe sa pedi.



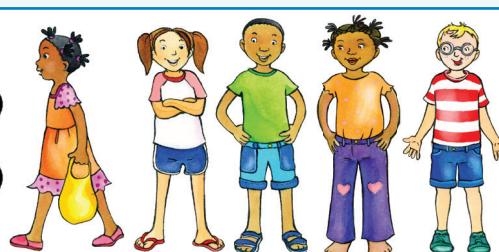
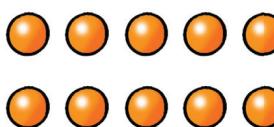
Go na le ditlhophpha tsa diapole
di le kae?

Ngwana mongwe le mongwe o
tlaa amogela diapole di le kae?



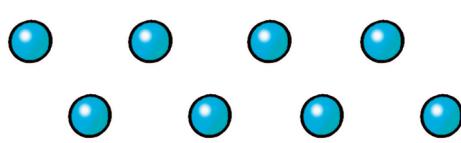
Go na le ditlhophpha tsa
dimonamone di le kae?

Ngwana mongwe le mongwe o tlaa
amogela dimonamone di le kae?



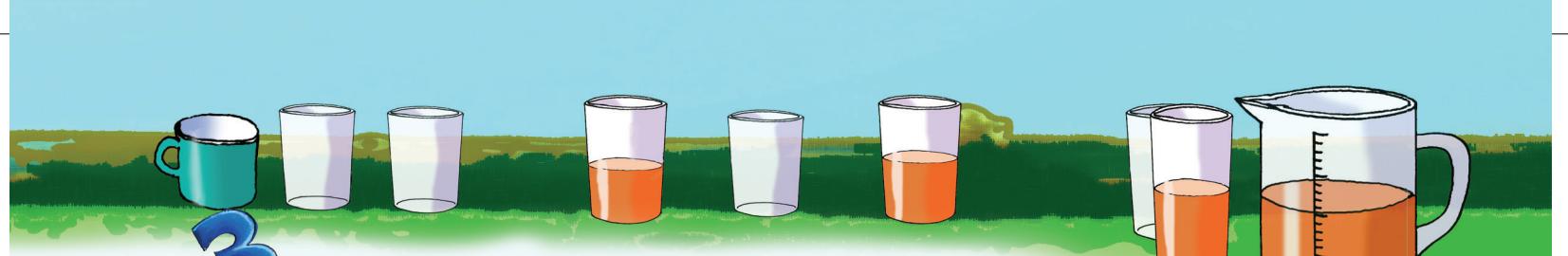
Go na le ditlhophpha tsa
dimmabole di le kae?

Ngwana mongwe le
mongwe o tlaa amogela
dimmabole di le kae?



Go na le ditlhophpha tsa
dimmabole di le kae?

Ngwana mongwe le
mongwe o tlaa amogela
dimmabole di le kae?

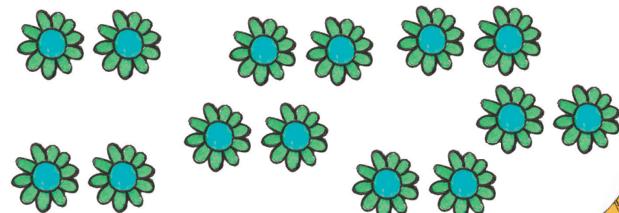


Tlatsa dipalo tse di tlogetsweng.

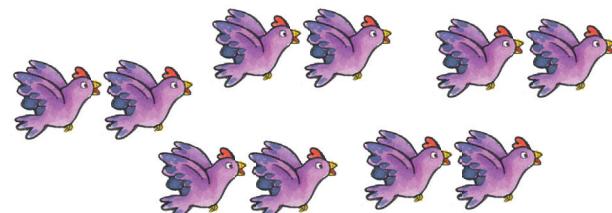
1	2	3	4		6	7	
2	4		8	10		14	16
0	3	6		12		18	21



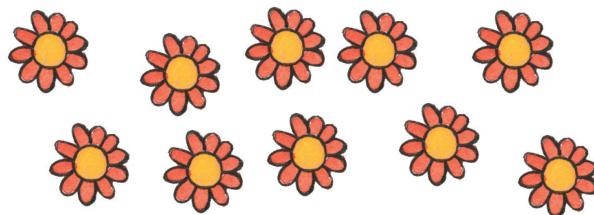
Kwala polelopalo o dirisa bo-pedi.



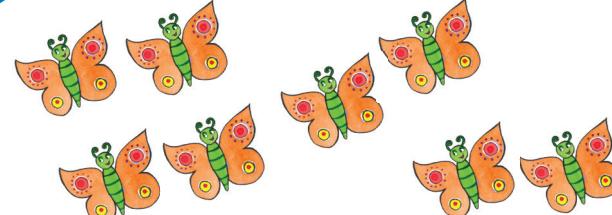
$$2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$$



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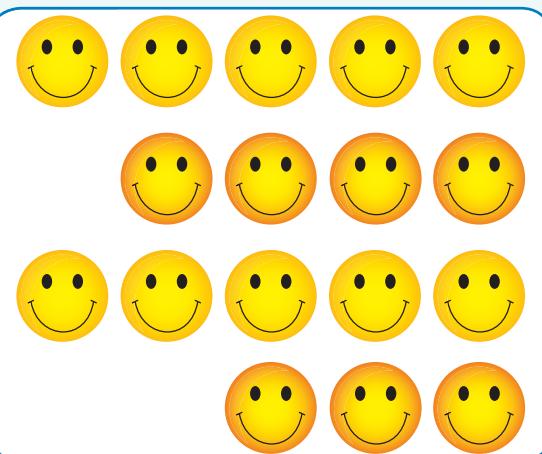


Balela tse di latelang:

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



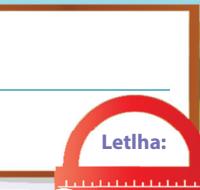
Sekeltsa ditlhophha tsa bo pedi mo moleng mongwe le mongwe.



Teacher:
Sign:
Date:



q3

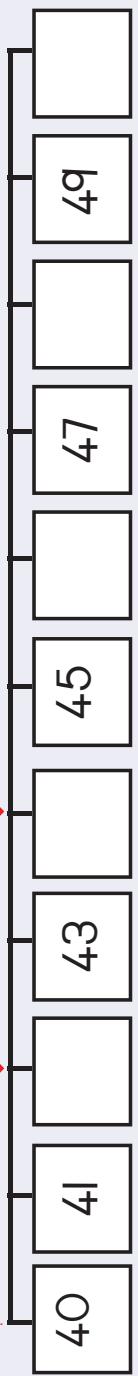
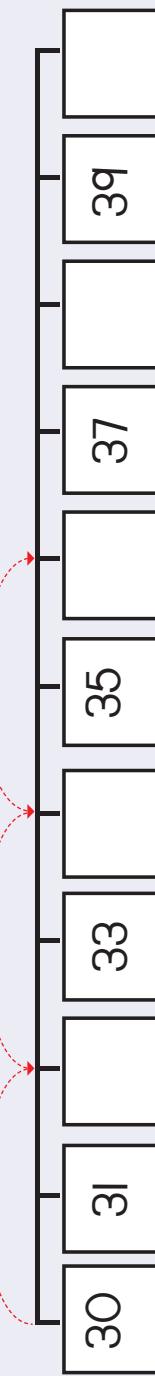


Kgweditharo 3

Diphethene tsa dipalo 2 go fitlha ka 50



Sega dipalo tse di tlogetsweng go tswa mo Mosegong wa 2 mme o di kgomaretse mo molapalong. Gape o feleletse dihupu.



Feleletsa phethene ka go khalara dipalo tse di nepagetseng.

31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50



Thala dihupu go bontsha tse di latelang:

30, 32, 34

28 30 32 34 36 38

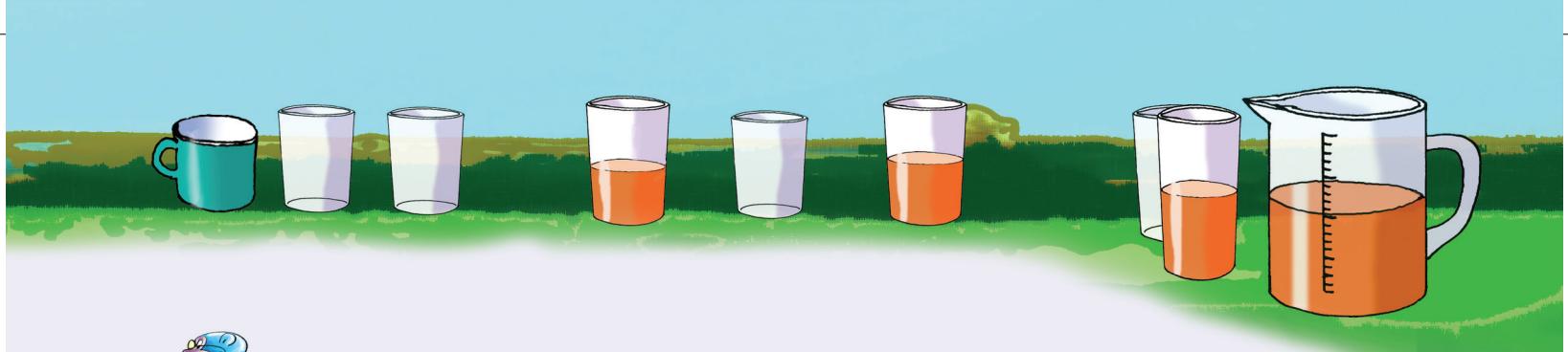
40, 42, 44

38 40 42 44 46 48

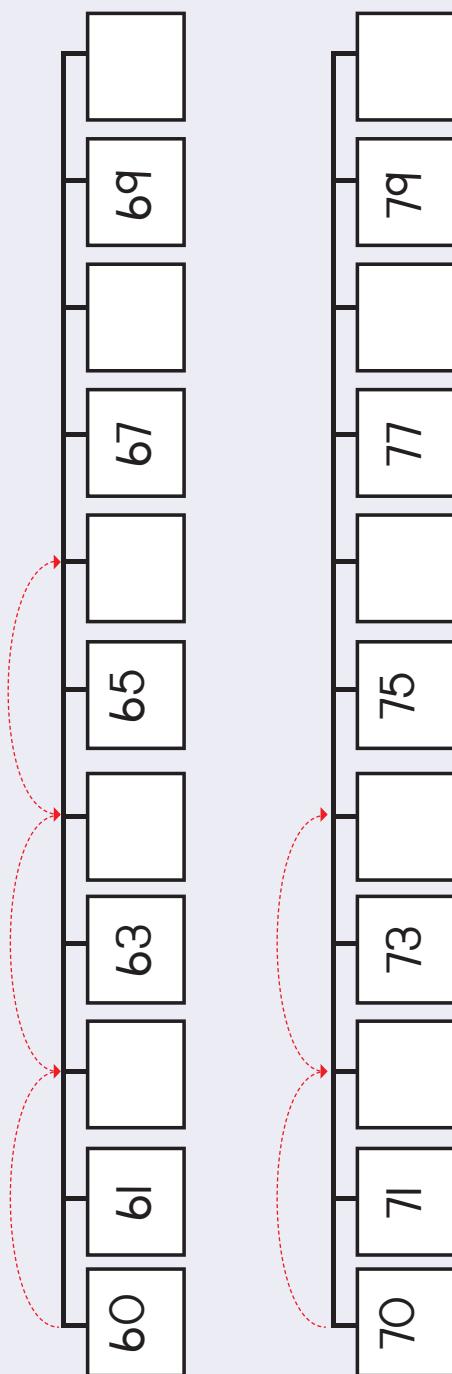
46, 48, 50

40 42 44 46 48 50





Sega dipalo tse di tlogetsweng go tswa mo Mosegong wa 2 mme
o di kgomaretse mo molapalong. Gape o feleletse dihupu.



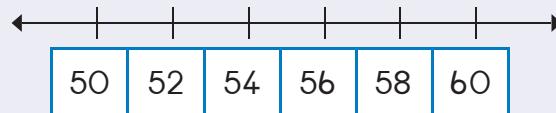
Feleletsa phethene ka go khalara
dipalo tse di nepagetseng.

61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80

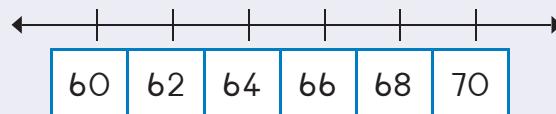


Thala dihupu go bontsha
tse di latelang:

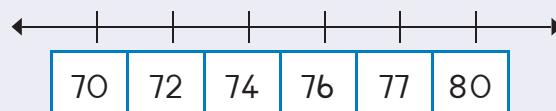
54, 56, 58



64, 66, 68



72, 74, 76



Teacher:
Sign:
Date:



q4



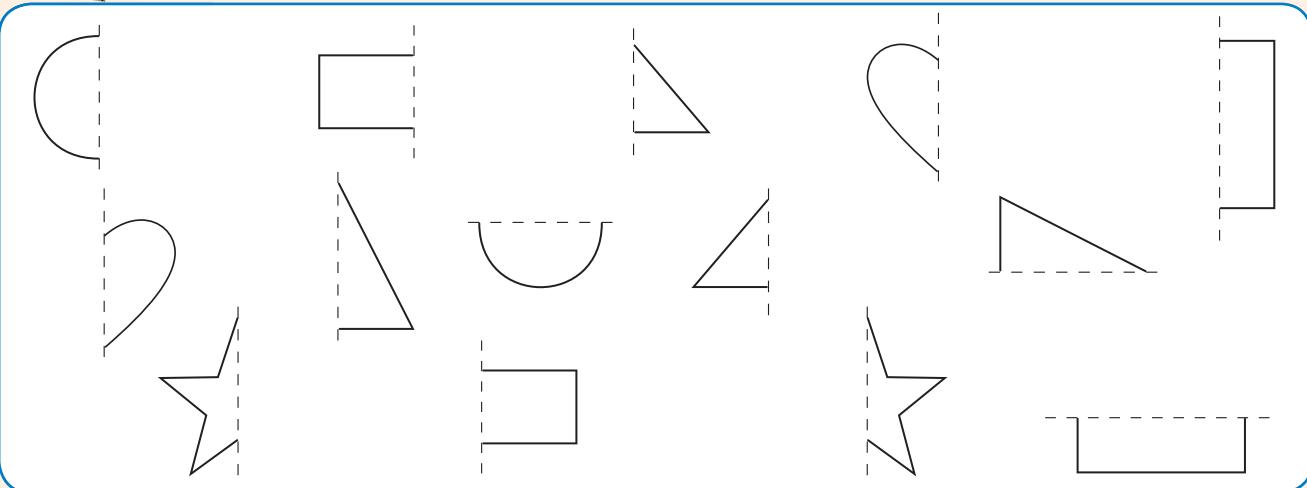
Letha:

Kgweditharo 3

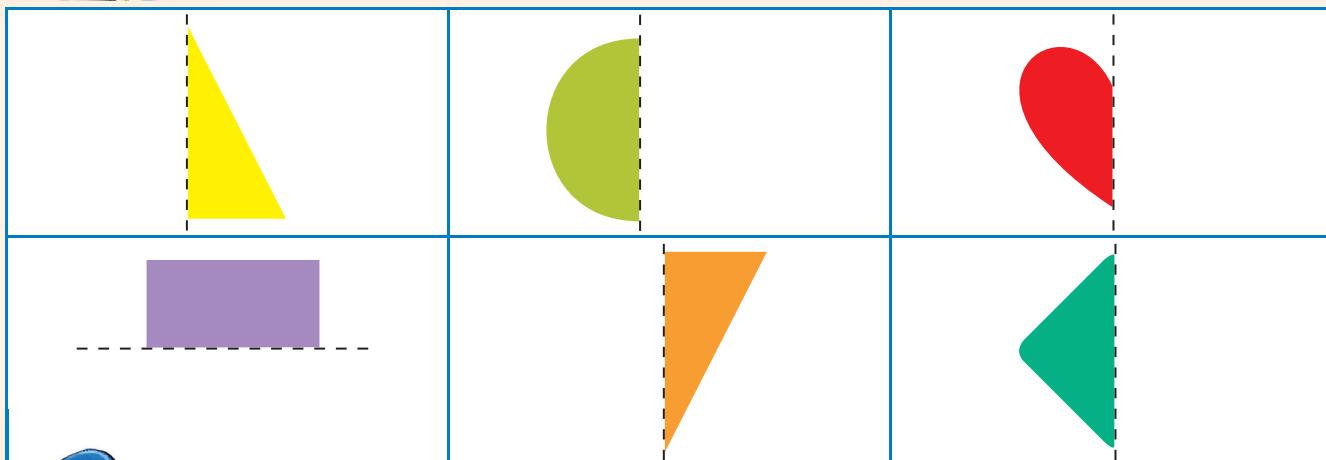
Tekatekano



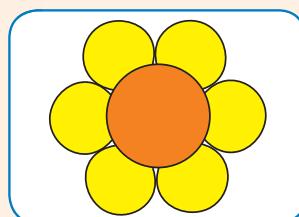
Khalara dikarolo tse pedi tsa dibopego tse di tlaa dirang sebopego se le sengwe.



Thala halofo e nngwe mme o e khalare.



Thala mola go arola ditshwantsho tse ka bobedi gore mathhakore a mabedi a tshwane tshwani.



60

0

1

2

3

4

5

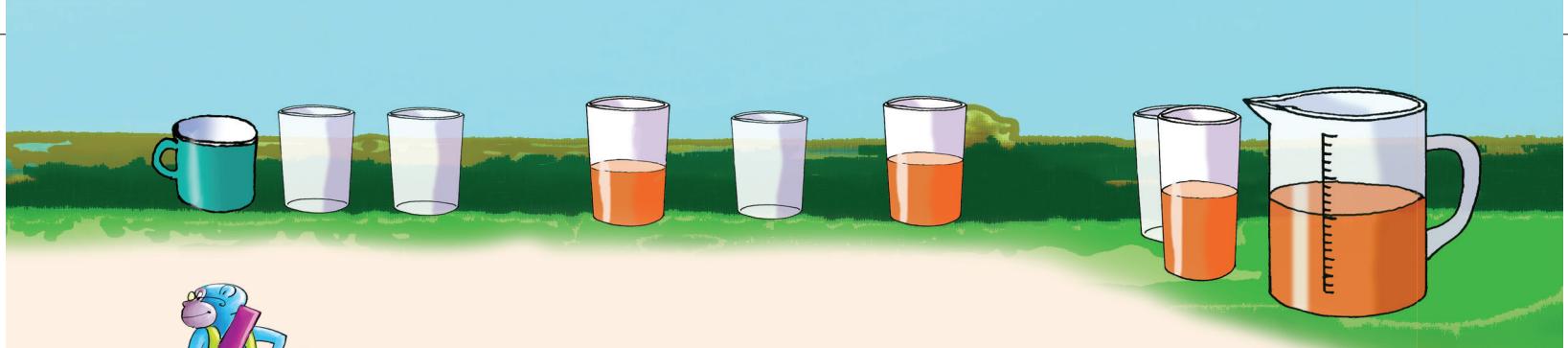
6

7

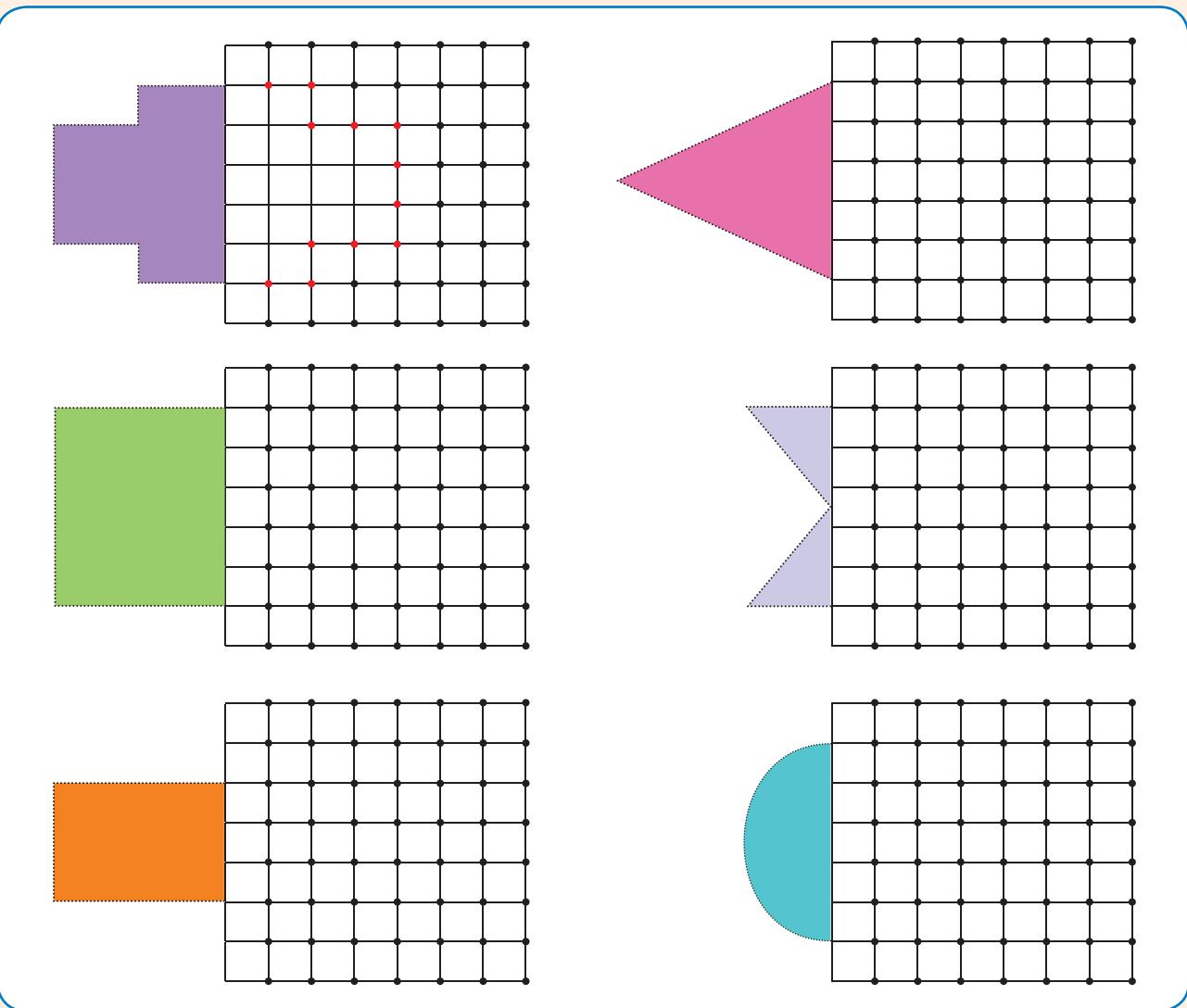
8

9

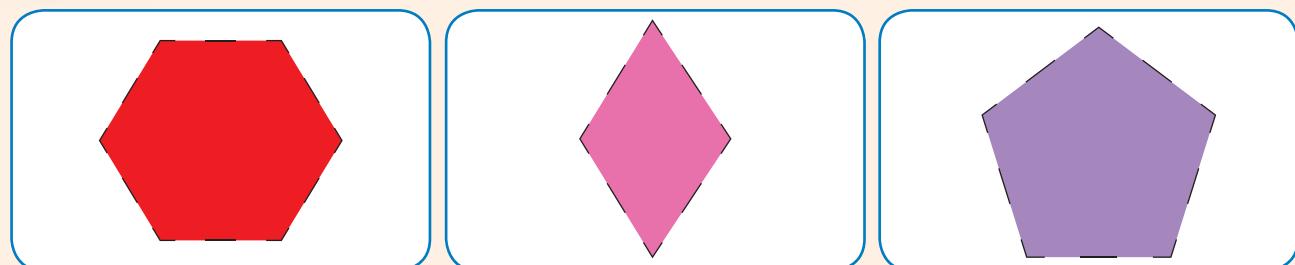
10



Thala halofe e nngwe ya sebolego o dirisa bolo ya keriti go go kaela.



Thala mola go arola ditshwantsho tse ka bobedi gore matlhakore a mabedi a tshwane tshwani.



11 12 13 14 15 16 17 18 19 20



Teacher:
Sign:
Date:



95



Letha:

Dipalo le Kemopalo

Kgweditharo 3

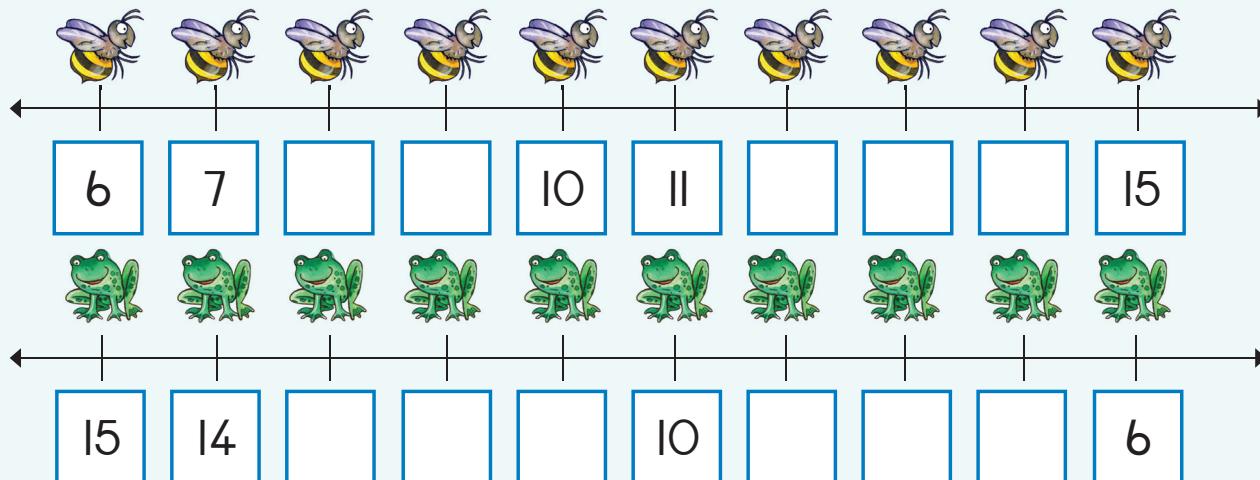


Tlatsa dipalo tse di tlogetsweng.

10	II					15
q	10					



Tlatsa dipalo tse di tlogetsweng.



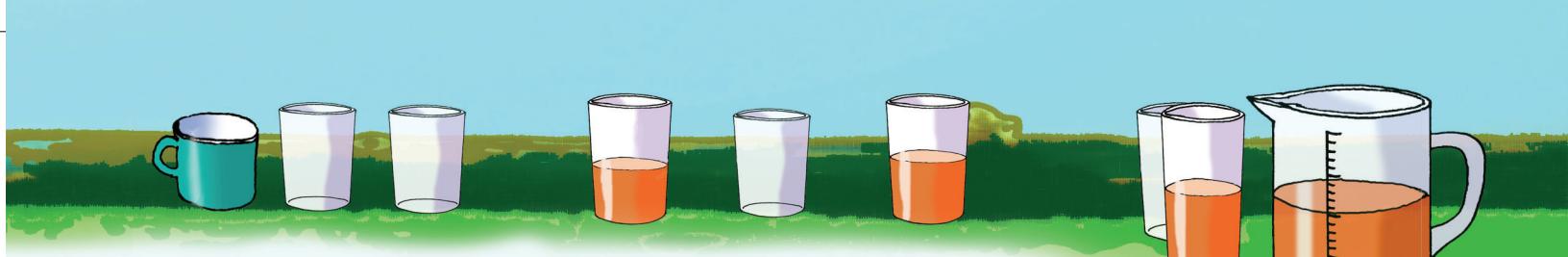
Tlatsa karabo.

$10 + 1 =$	II
$10 + 2 =$	
$10 + 5 =$	
$10 + 3 =$	

$15 - 10 =$	
$14 - 10 =$	
$12 - 10 =$	
$II - 10 =$	



62



Balela palo nngwe le nngwe ya mmala mme morago o khalare lenathwana la phazele le le nepagetseng le le nang le palo e e siameng. Dirisa mmala o o tshwanang. Re go diretse ya ntlla.



10 + 1 ka bohibidu



10 + 3 bopinki



10 + 5 ka botalajwa legodimo



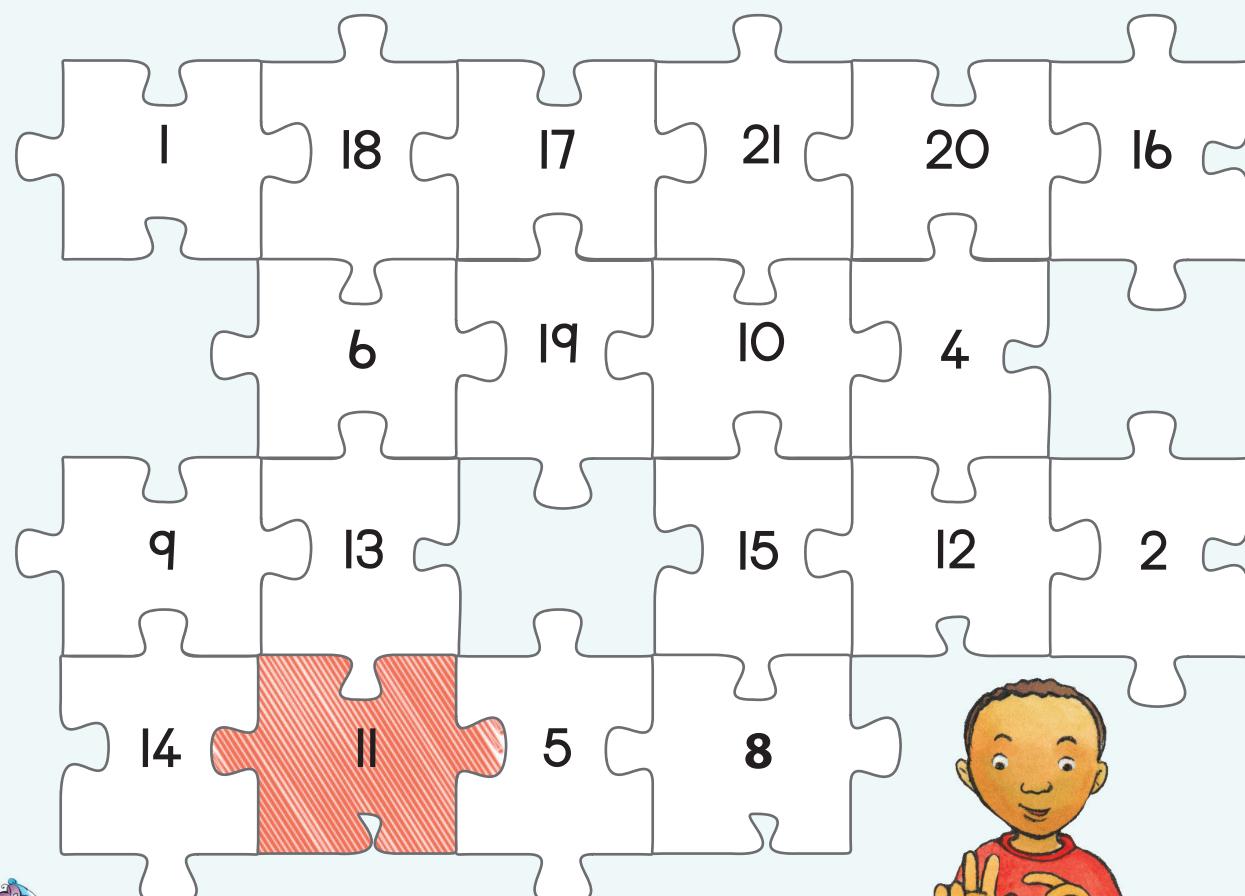
10 + 4 ka boserolwana



10 + 0 ka botalajwa tlhaga



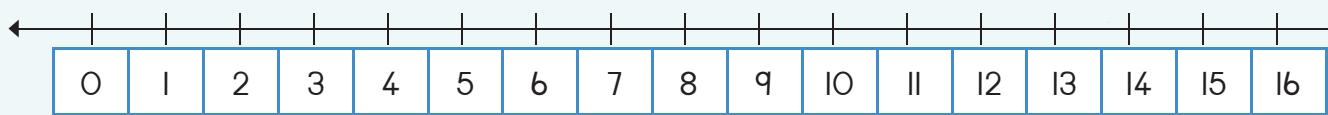
10 + 2 ka mmala wa namune



Bontsha lesome le nne mo molapalong:



Teacher: Sign:
Date:



11 12 13 14 15 16 17 18 19 20



96



Letha:

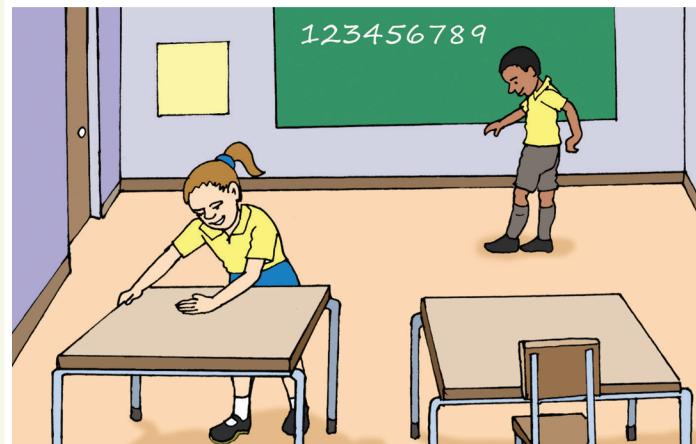
Boleele

Kgweditharo 3



Lekanyetsa boleele le bopphara jwa teseke kgotsa tafole o dirisa boleele jwa letsogo la gago. Boleele jwa tafole ke matsogo a le makae?

Bopphara jwa tafole ke matsogo a le makae?



Boleele ke matsogo a le _____.

Bopphara ke matsogo a le _____.



Ke maoto a le makae mo matlhakoreng?



Tlatsa karabo.



Boleele ke matsogo a le _____.



64

0

1

2

3

4

5

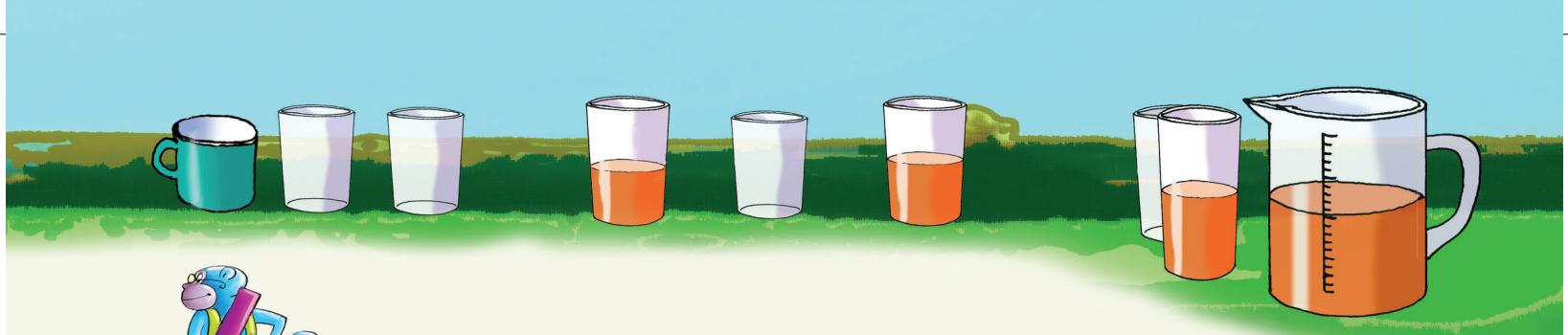
6

7

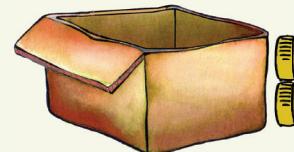
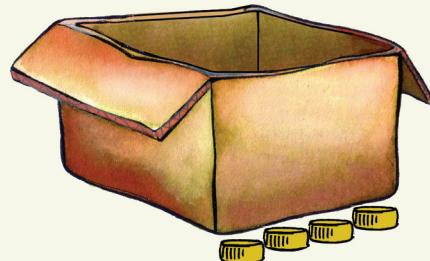
8

9

10



Boleele le bopphara jwa lebokoso di bokanakang?

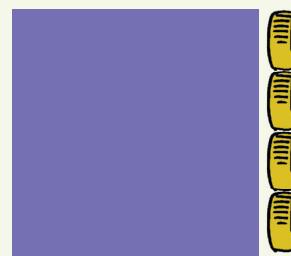
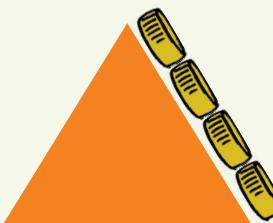


Boleele ke dikhurmelo tsa
mabotlolo di le ____.

Bopphara ke dikhurmelo tsa
mabotlolo di le ____.



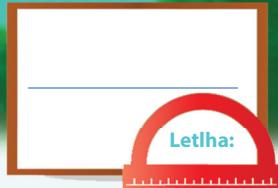
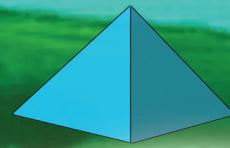
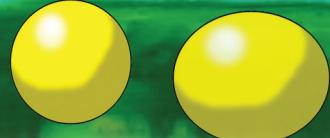
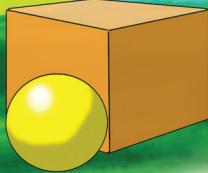
Letlhakore le boleele jwa dikhurmelo di le kae?



Teacher:
Sign:
Date:



97



Palo ya 16

Poeletso:

Ikatise go kwala leinapalo mme o feleletse phethene (paterone).

7

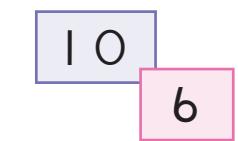
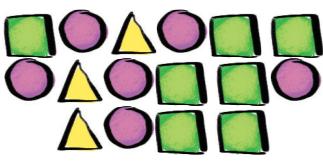
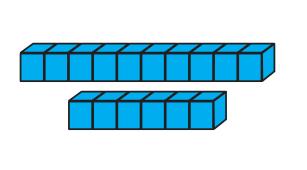
supa



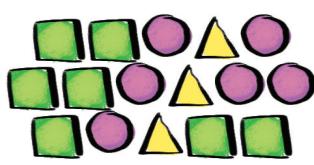
Golaganya ditshwantsho.



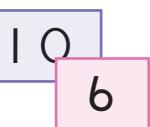
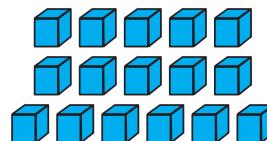
Gatisa kana o lat edise dipalo.



16



16



16 16 16 16

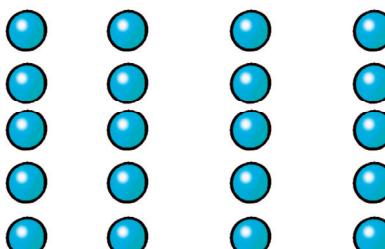
lesomethataro

16 16 16 16

lesomethataro

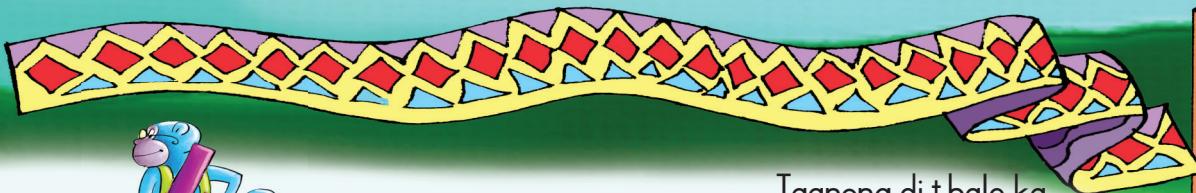


Sekeletsa dibaga di le 16 fela.



Go setse di le kae? _____





Thala dilo di le 16.

Jaanong di thale ka mokgwa o o farologaneng.



Tlatsa palo e e tlogetsweng.

2	3	4
19		21
17		19



Feleletsa lenaneo kana theibole. Mola mongwe le mongwe o na le setshwantsho, palo le lefoko la palo eo.

	16	
		lesomethataro



Ke palo efe e nnyane ka nngwe mo golb? _____

Ke palo efe e kgolwane ka nngwe mo golb? _____



Ke palo efe e nnyane ka nngwe mo go lesomethataro? _____

Ke palo efe e nyanenyana ka pedi mo go lesomethataro? _____

Ke palo efe e kgolwane ka nngwe mo go lesomethataro? _____

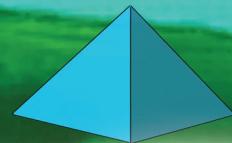
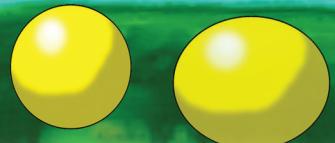
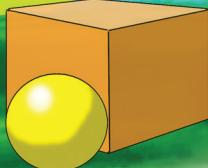


Tlatsa dipalo tse di tlogetsweng.

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



98



Palo ya 17

Poeletso:

Ikatise go kwala leinapalo mme o feleletse phethene (paterone).

8

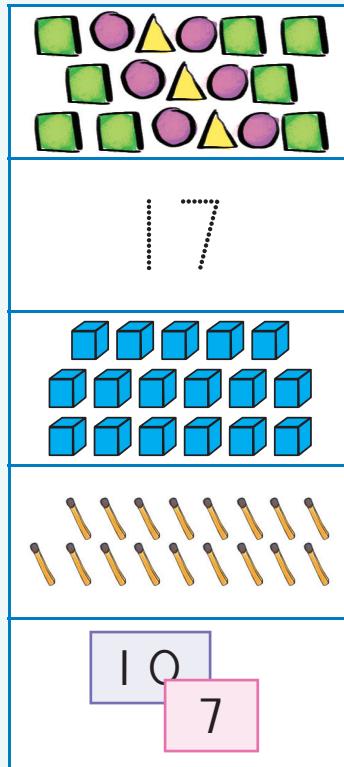
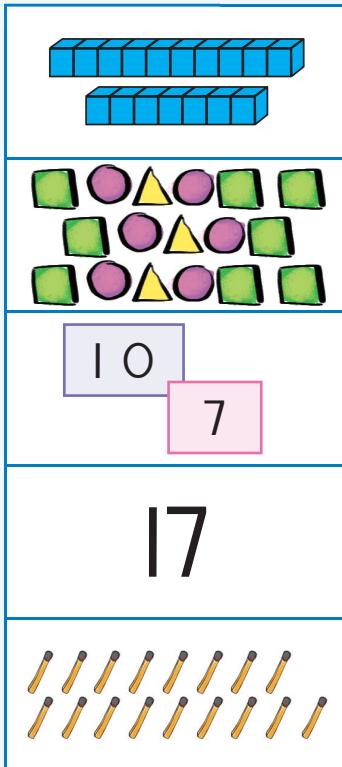
robedi



Golaganya ditshwantsho.

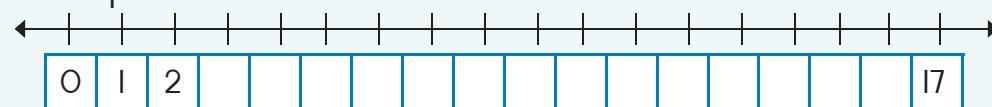


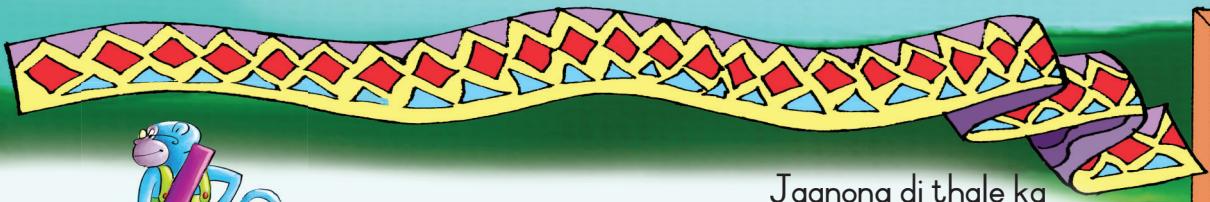
Gatisa kana o latedise dipalo.



17 17 17 17
lesomesupa
17 17 17 17
lesomesupa

Feleletsa molapalo.





Thala dilo di le 17.

Jaanong di thale ka
mokgwa o o farologaneng.



Ke palo efe e tlang
morago?

16	17	
24	25	
17	18	



Feleletsa lenaneo
kana theibole.
Mola mongwe le
mongwe o na le
setshwantsho,
palo le lefoko la
palo eo.

			17	
				lesomesupa



Ke palo efe e nnyane ka nngwe mo go lesomesupa?

Ke palo efe e nnyanenyana ka pedi mo go lesomesupa?

Ke palo efe e kgolwane ka nngwe mo go lesomesupa?

Ke palo efe e e kgolwane ka 2 mo go lesomesupa?



Tlatsa palo e e tlogetsweng.

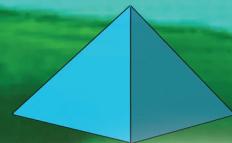
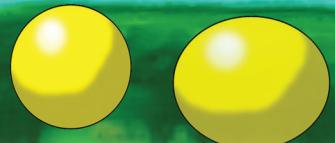
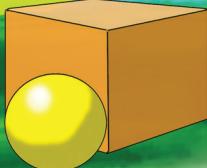
Tse gape di bidiwa
dipalomafeta.

	2		4		6		8		10
	12		14		16		18		20

11 12 13 14 15 16 17 18 19 20



qq



Palo ya 18

Poeletso:

Ikatise go kwala leinapalo mme o feleletse phethene (paterone).

q

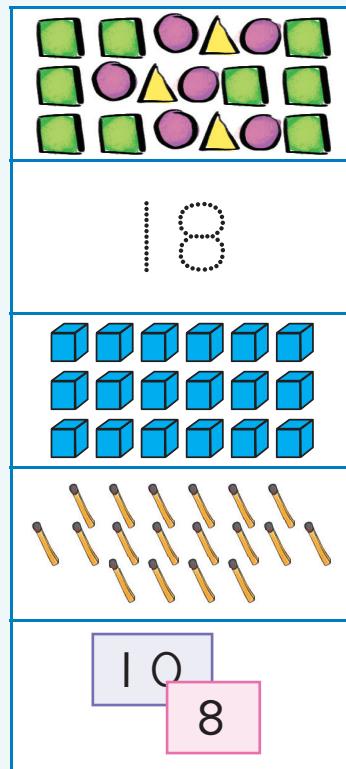
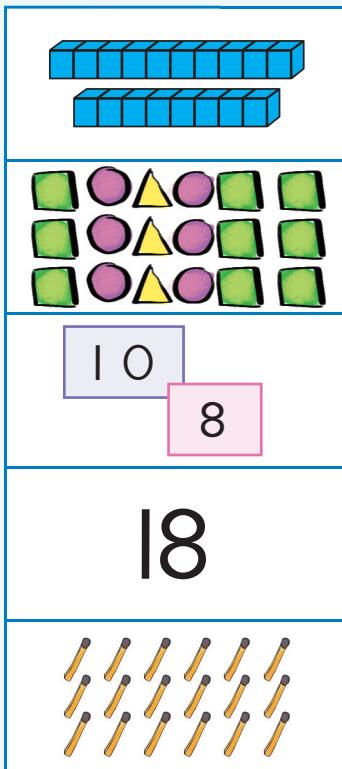
robongwe



Golaganya ditshwantsho.



Gatisa kana o latedise dipalo.



18 18 18 18

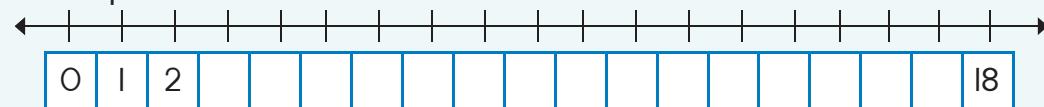
lesomerabedi

18 18 18 18

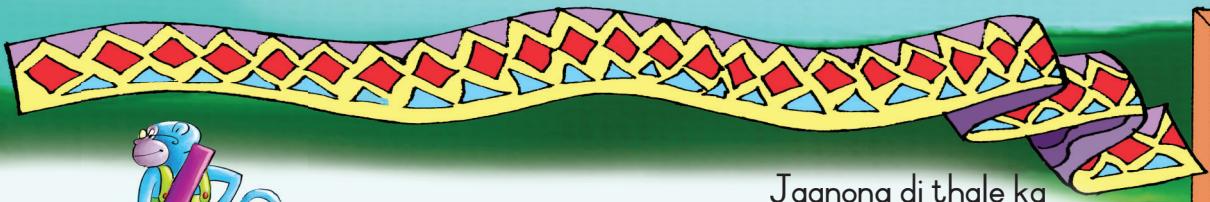
lesomerabedi



Feleletsa molapalo.



0 2 3 4 5 6 7 8 9 10



Thala dilo di le 18.

Jaanong di thale ka
mokgwa o o farologaneng.



Ke palo efe e e tlang
kwa morago?

8	q	
33	34	
0	I	



Feleletsa lenaneo
kana theibole.
Mola mongwe le
mongwe o na le
setshwantsho,
palo le lefoko la
palo eo.

	18	
		lesomerobedi



Ke palo efe e nnyane ka nngwe mo go 18?

Ke palo efe e nnyane ka pedi mo go 18?

Ke palo efe e kgolwane ka nngwe mo go 18?

Ke palo efe e kgolwane ka pedi mo go 18?



Tlatsa palo e e tlogetsweng.



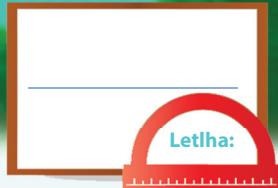
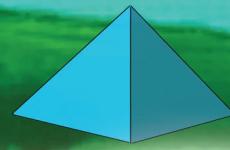
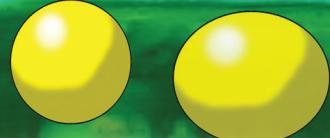
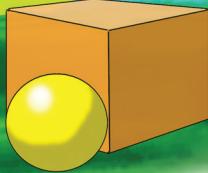
Teacher:
Sign:
Date:

I	2		4	5	6	7		9	10
II		I3	I4	I5		I7	I8		20

II I2 I3 I4 I5 I6 I7 I8 I9 20



100



Palo ya 19

Poeletso:

Ikatise go kwala leinapalo mme o feleletse phethene (paterone).

10

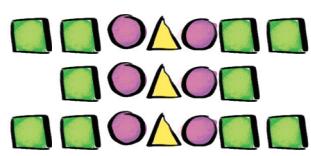
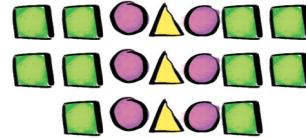
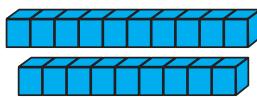
lesome



Golaganya ditshwantsho.



Gatisa kana o latedise dipalo.

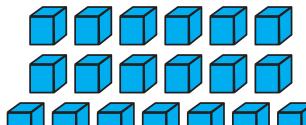


19

10

9

19



10
9



19 19 19 19

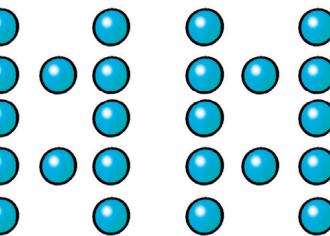
lesomerobongwe

19 19 19 19

lesomerobongwe



Sekeletsa dibaga di le 19 fela.



Go setse di le kae? _____



0

1

2

3

4

5

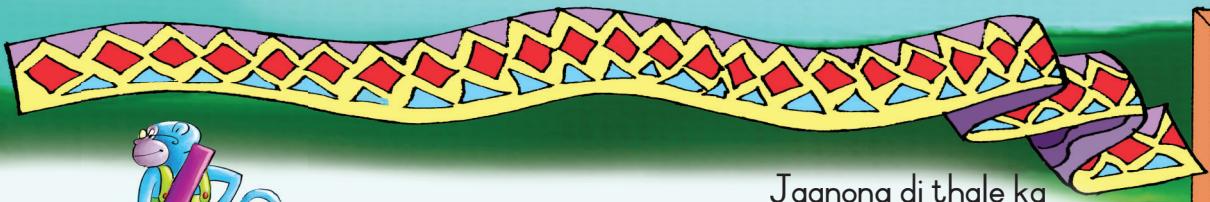
6

7

8

9

10



Thala dilo di le 19.

Jaanong di thale ka
mokgwa o o farologaneng.



Ke palo efe e e
tlang fa gare?

14		16
35		37
8		10



Feleletsa lenaneo kana theibole. Mola mongwe le mongwe o na le
setshwantsho, palo le lefoko la palo eo.

	19	
		lesomerobongwe



Ke palo efe e nnyane ka nngwe mo go 19?

Ke palo efe e nnyane ka pedi mo go 19?

Ke palo efe e kgolwane ka nngwe mo go 19?

Ke palo efe e kgolwane ka pedi mo go 19?



Tlatsa palo e e tlogetsweng.

Tse le tsona di
bidiwa dipalomaleka.

I		3		5		7		9	
II		13		15		17		19	

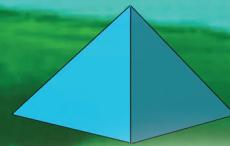
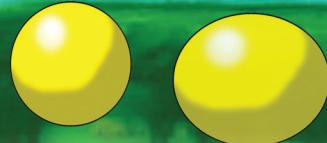
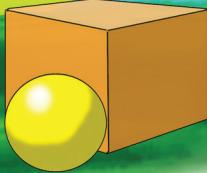
11 12 13 14 15 16 17 18 19 20



Teacher:
Sign:

Date:

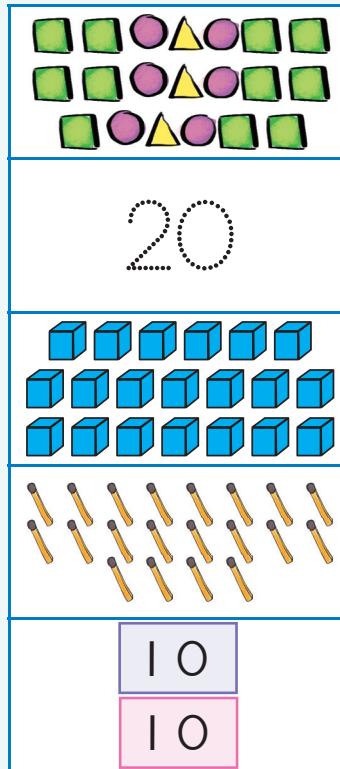
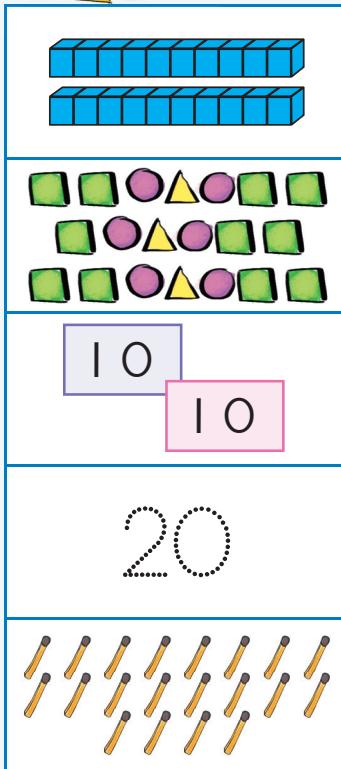
101



Palo 20



Golaganya ditshwantsho.



Gatisa kana o latedise dipalo.

20 20 20 20

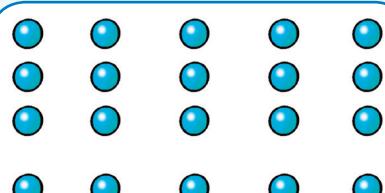
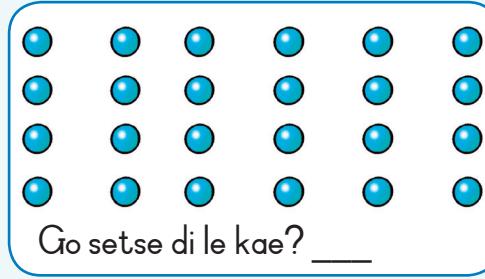
masomeamabedi

20 20 20 20

masomeamabedi



Sekeletsa dibaga di le 20 fela.



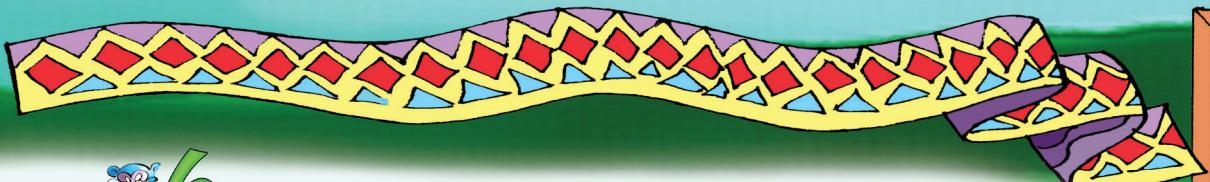
Feleletsa lenaneo kana theibole. Mola mongwe le mongwe o na le setshwantsho, palo le lefoko la palo eo.

	20	masomeamabedi
		masomeamabedi
20		



Ke palo efe e nnyane ka nngwe mo go 20? _____

Ke palo efe e kgolwane ka nngwe mo go 20? _____



Kopanya palo le lefoko.

0
1
2
3
4
5
6
7
8
9
10
11
12
13
14

nne
supa
robongwe
tharo
lesomenngwe
lesomepedi
nngwe
pedi
robedi
lefela
tlhano
thataro
lesometharo
lesome
lesomenne



Tlatsa palo e e tlogetsweng.

Pele		Morago
16	17	
	12	
	14	
	9	10
	6	



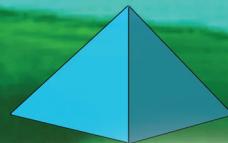
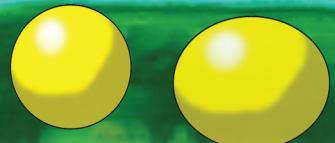
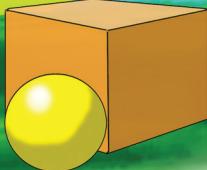
Dirisa mafoko nnyane le kgolwane go feleletsa tse:

35 e _____ mo go 38

79 e _____ mo go 65



102



Go tlhakanya



Sekeletsa palo e kgolwane mo bolokong nngwe le nngwe.

3	5	15	11	20	8
8	7	12	6	17	18

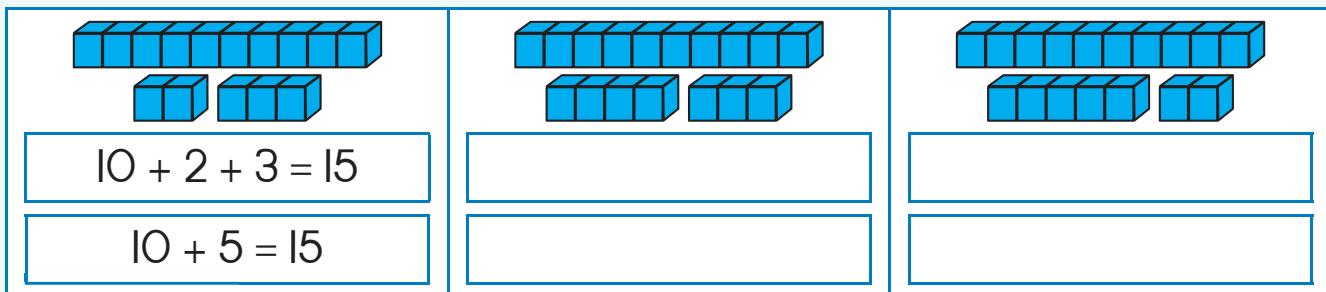


Tlhakanya tse di latelang.
Simolola ka go bayaa palo e kgolokgolo la ntlha.

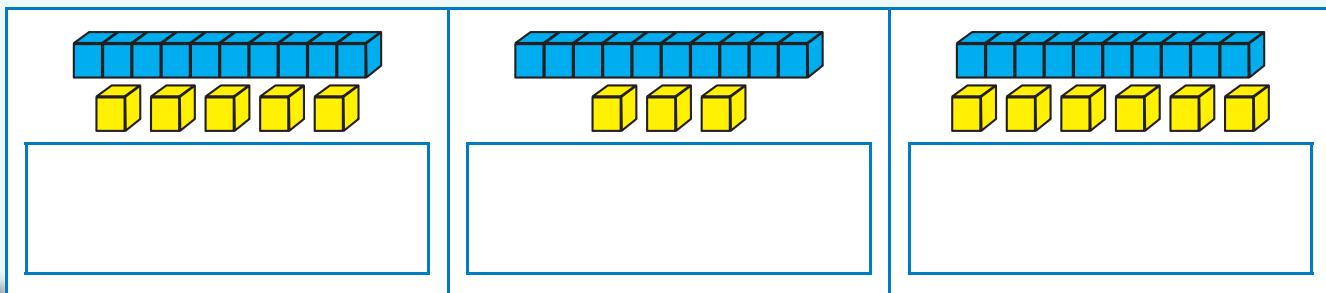
$1 + 1 + 5 =$	$5 + 1 + 1 =$
$6 + 2 + 10 =$	
$3 + 4 + 2 =$	
$2 + 6 + 3 =$	
$1 + 10 + 2 =$	

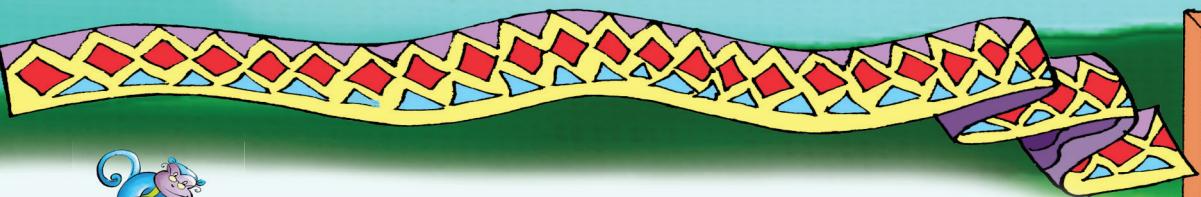


Tlhakanya diboloko.



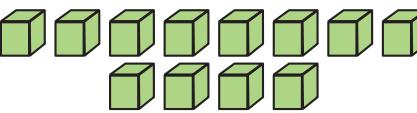
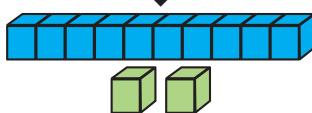
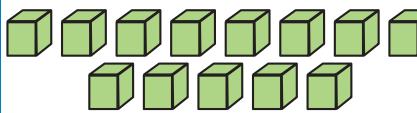
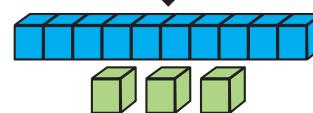
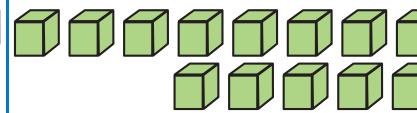
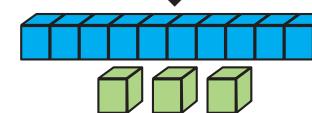
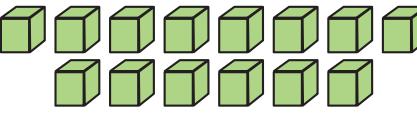
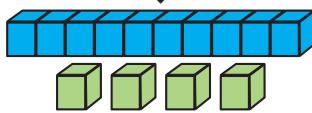
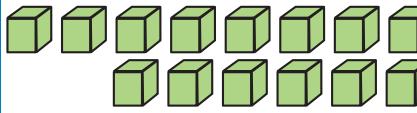
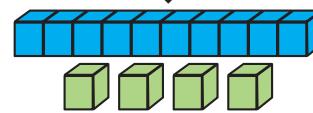
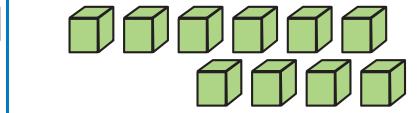
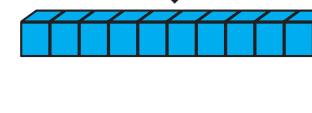
Kwala polelopalo ya tse di latelang:





Kwala polelopalo ya nngwe le nngwe ya tse di latelang:



 $8 + 4 = 12$  $10 + 2 = 12$	 	 
  	  	  

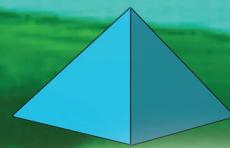
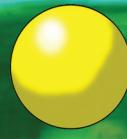
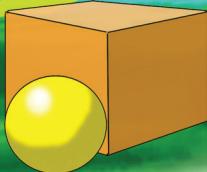


Tlatsa dipalo tse di tlogetsweng.

	+	14	=	17
q	+		=	20
12	+	8	=	
15	+		=	20
	+	6	=	13
14	+	3	=	0



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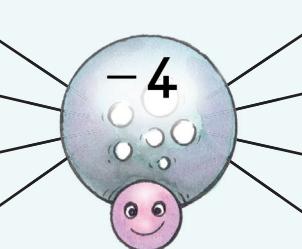


Go ntsha

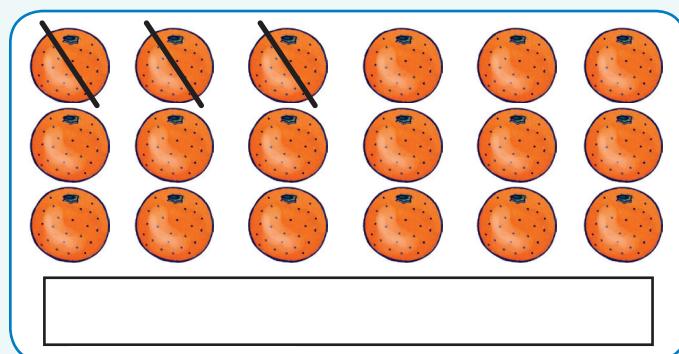


Balela.

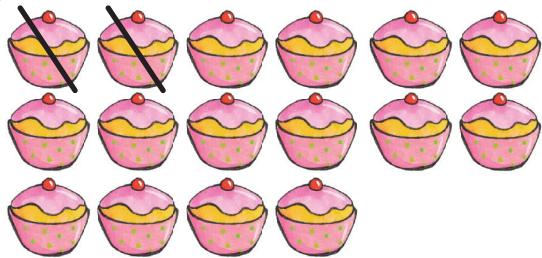
17
19
14
12



Kwala polelopalo.

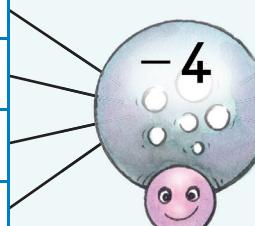


Kwala polelopalo.

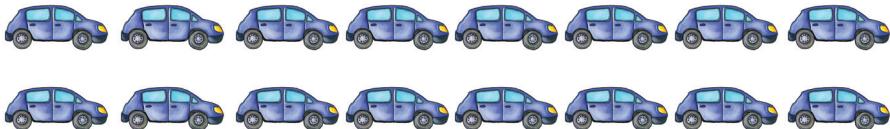


Balela.

18
7
15
9



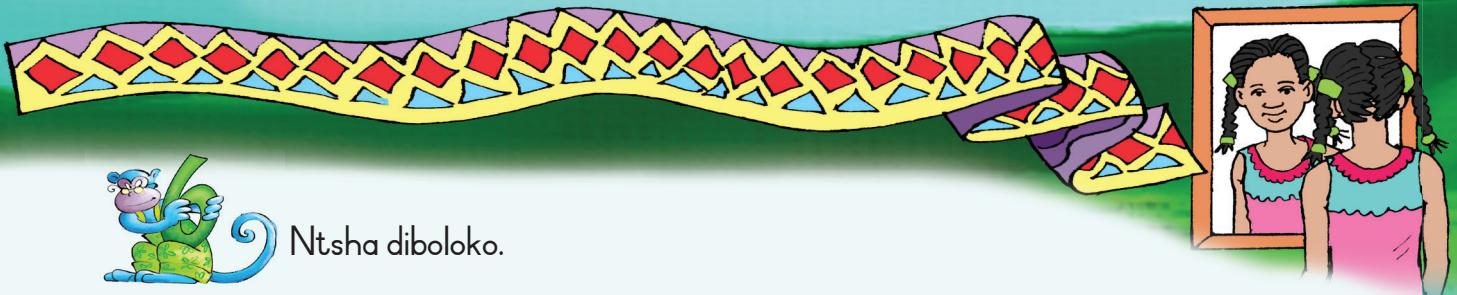
Feleletsa dipalo o dirisa dithalo.



$$16 - \boxed{} = \boxed{}$$



$$10 + \boxed{} = \boxed{}$$



Ntsha diboloko.

 $(10 + 3) - 2 =$ $13 - 2 =$	 $11 + 7 =$ $11 + 4 + \boxed{\quad} = \boxed{\quad}$	 $11 + 7 =$ $11 + 5 + \boxed{\quad} = \boxed{\quad}$
----------------------------------------	----------------------------------------------------------------	----------------------------------------------------------------



Balela tse di latelang:

$11 + 7 = \boxed{\quad}$ $11 + 4 + \boxed{\quad} = \boxed{\quad}$	$11 + 7 = \boxed{\quad}$ $11 + 5 + \boxed{\quad} = \boxed{\quad}$
$19 - 7 = \boxed{\quad}$ $19 - (5 + \boxed{\quad}) = \boxed{\quad}$	$17 - 9 = \boxed{\quad}$ $17 - (7 + \boxed{\quad}) = \boxed{\quad}$



Feleletsa tse di latelang:

Fa o oketsa 5 gabedi ke	<input type="text"/>	Fa o oketsa 3 gabedi ke	<input type="text"/>	Fa o oketsa 4 gabedi ke	<input type="text"/>
Fa o oketsa 7 gabedi ke	<input type="text"/>	Fa o oketsa 2 gabedi ke	<input type="text"/>	Fa o oketsa 8 gabedi ke	<input type="text"/>
Fa o oketsa 10 gabedi ke	<input type="text"/>	Fa o oketsa 9 gabedi ke	<input type="text"/>	Fa o oketsa 1 gabedi ke	<input type="text"/>

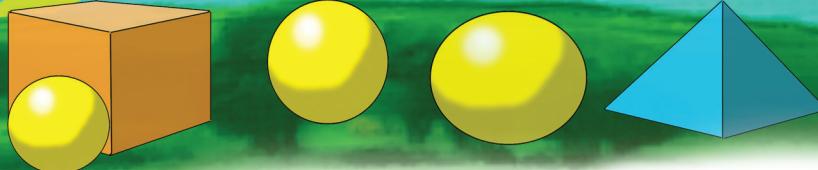


Araba tse di latelang:

$9 + 9 - 1 =$	<input type="text"/>	kgotsa	Fa o oketsa 9 - 1 gabedi =	<input type="text"/>
	<input type="text"/>	kgotsa	Fa o oketsa 9 - 1 gabedi =	<input type="text"/>
$4 + 4 - 1 =$	<input type="text"/>	kgotsa		



104



Go tlhakanya le go ntsha



Bala gore ke dikatse di le kae tse di dutseng mo letsatsing.
Bosigo tse dingwe tsa tsona di robala kwa morago ga lebota.
Bereka gore ke tse kae tse di ka fa morago ga lebota o bo o kwala palo.

$3 + \boxed{\quad} = 8$

$4 + \boxed{\quad} = \boxed{\quad}$



Rarabolola tse di latelang:
O ka nna wa dira sethalo go go thusa.



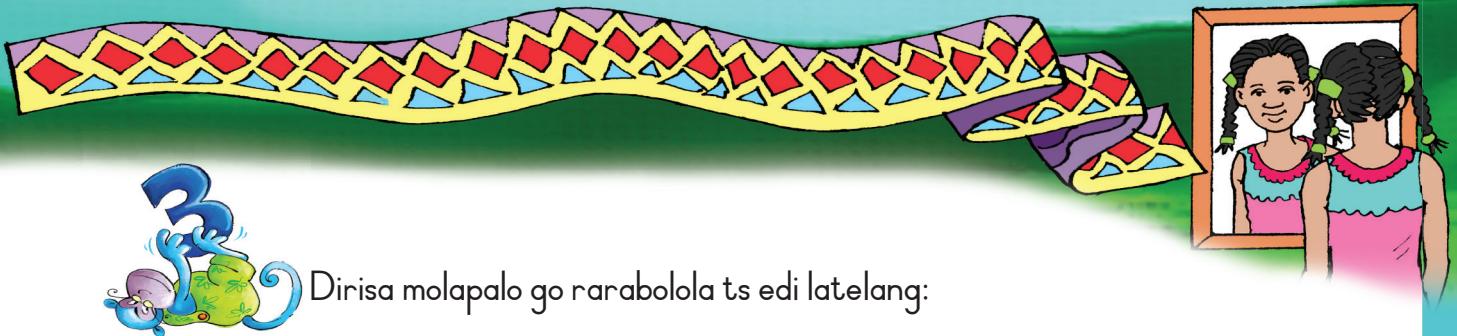
Lerato o ne a na le dinamune di le 4. Peter o mo file dinamune di le 13.
Jaanong o na le dinamune di le kae?

Mandla o na le dikheraeyone di le 5. Amo o na le dikheraeyone di le 8.
Ke mang yo a nang le dikheraeyone di le mmalwa?



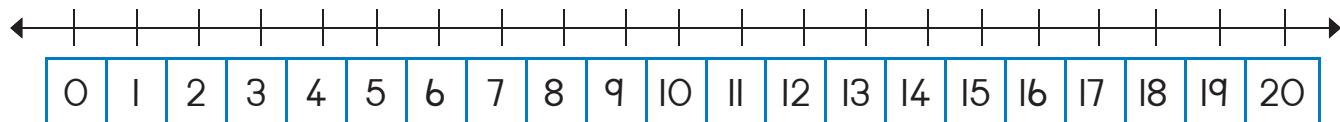
80

0 1 2 3 4 5 6 7 8 9 10

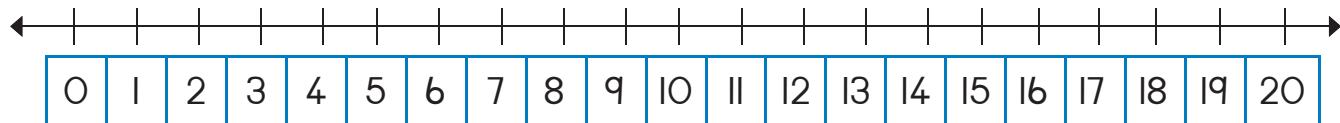


Dirisa molapalo go rarabolola ts edi latelang:

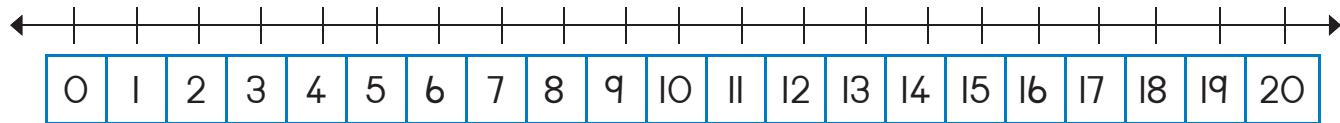
Thandi o na le dimmabole tse ditala di le 6 le tse di botala jwa legodimo di le 9.
O na le dimmabole di le kae?



Lerato o na le dimmabole di le 16. Tse robedi di ditala mme tse dingwe di botala jwa legodimo. Lerato o na le dimmabole tse di botala jwa legodimo di le kae?



Thandi o na le dipanana di le 19. Themba o na le dipanana di le 10.
Thandi le Themba ba na le dipanana di le kae go feta?



Ke dipalo dife tse di magareng ag 25 le 30?



Sekeletsa palo e kgolwane ka 1 mo go 76.

74	75	76	77	78
----	----	----	----	----



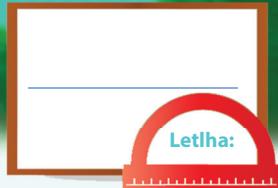
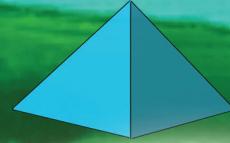
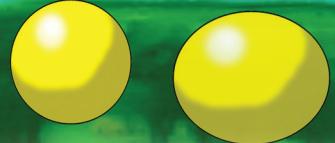
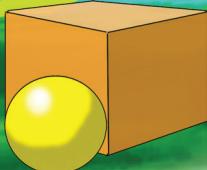
Sekeletsa palo e kgolwane ka 2 mo go 76.

74	75	76	77	78
----	----	----	----	----

11 12 13 14 15 16 17 18 19 20



105



Dipalotlwaelo



Ke mang yo o gorogileng la ntłha mo lebelong?
Kwala maemo a bona fa tlase ga bona.

Sipho	Lerato	John	Peter	Amo
<input type="text"/>	2	3	<input type="text"/>	<input type="text"/>



Ba thale ba le mo
seraleng.

Selefera

Gauta

Boronse

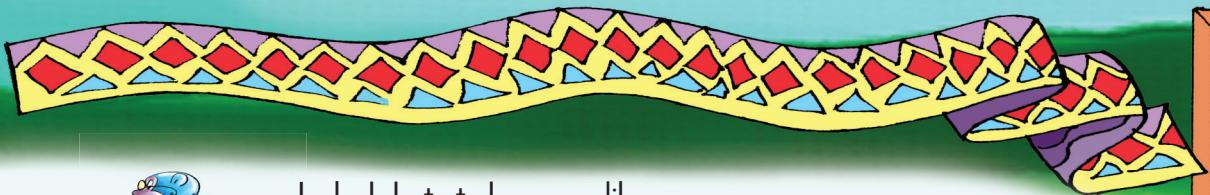


Thala mogala wa
dibaga jaana:

Sebaga sa ntłha se botala jwa legodimo
Sebaga sa bobedi se sehibidu.
Sebaga sa boraro se botala jwa tlhaga.
Sebaga sa bone se serolwana.
Sebaga sa botlhano se botala jwa legodimo.
Sebaga sa borataro se sehibidu.
Sebaga sa bosupa se botala jwa tlhaga.
Sebaga sa borobedi se serolwana.
Sebaga sa borobongwe se botala jwa legodimo.
Sebaga sa bolesome se sehibidu.

Mogala wa me wa dibaga.





Lebelela tatelano ya dibopego.
Kopolola dibopego mo mafelong a a nepagetseng mo tafoleng.
Re go diretse ya ntlha.



Ke sebopego sefe se e leng sa:

Bone		Bosupa	
Botlhano		Borobongwe	
Bobedi		Bofelo	
Boraro		Borataro	



Dira tse di latelang:



Khalara sekele ya ntlha bohibidu.



Khalara sekele ya botlhano serolwana.



Khalara sekele ya borobedi botalajwa legodimo.



Thala molapalo wa 10 go fitlha ka 20.
Sekeletsa palo ya boraro le ya borobedi.



11

12

13

14

15

16

17

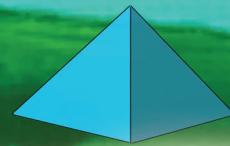
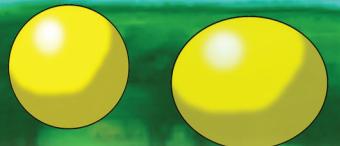
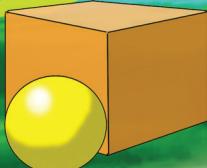
18

19

20



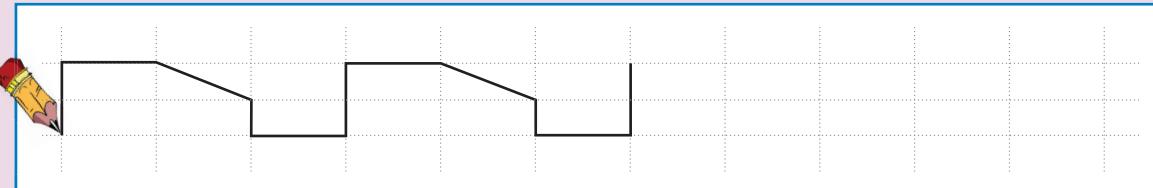
106



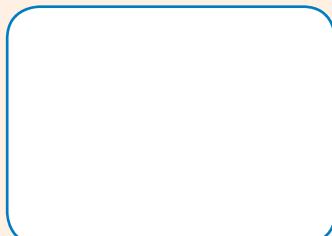
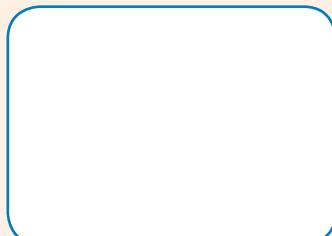
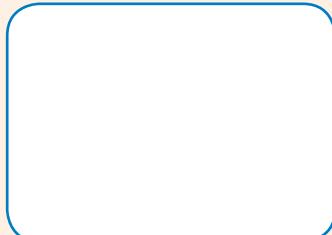
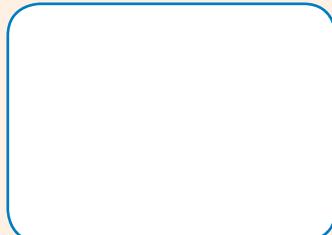
Dilo le dibopego

Poeletso:

Poeletso: Feleletsa phethene.

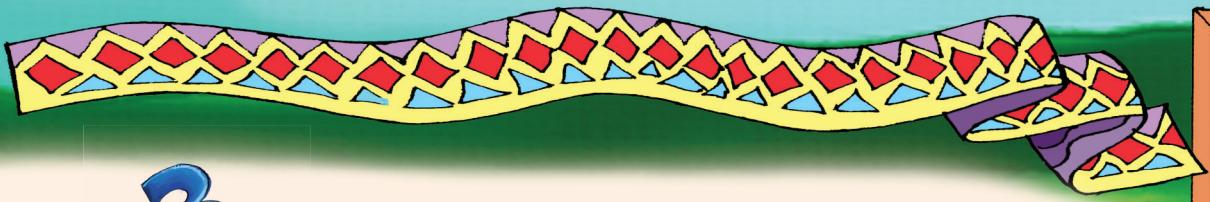


Batla ditshwantsho tse pedi tsa kgwele le ditshwantsho tse pedi tsa lebokoso mo lokwalodikgannyeng kgotsa makasineng mme o di kgomaretse fa tlase.



Thala sekele e e botala jwa legodimo go dikologa dilo tsotlhhe tse di kgonang go relela. Thala sekwere se sehibidu go dikologa dilo tsotlhhe tse di kgonang go kgokologa.





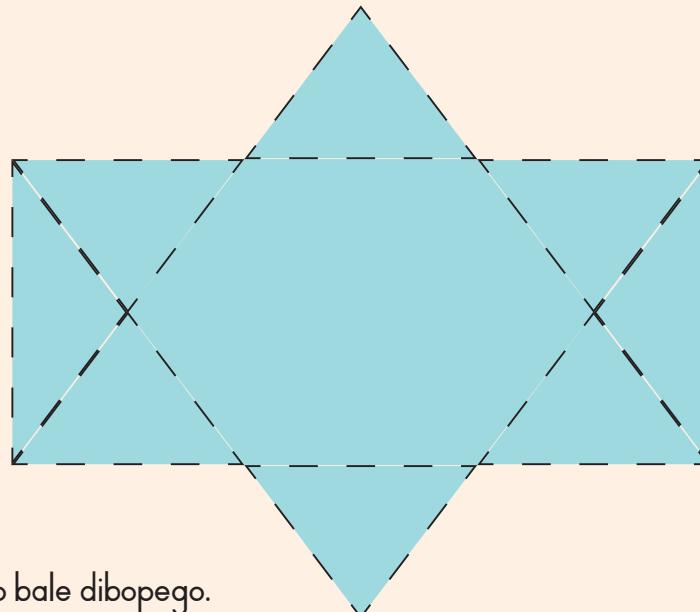
Gatisa lefoko mme o thale selo.

lebokoso



Bala dikhutlotharo tsotlhe mme o kwale palo.

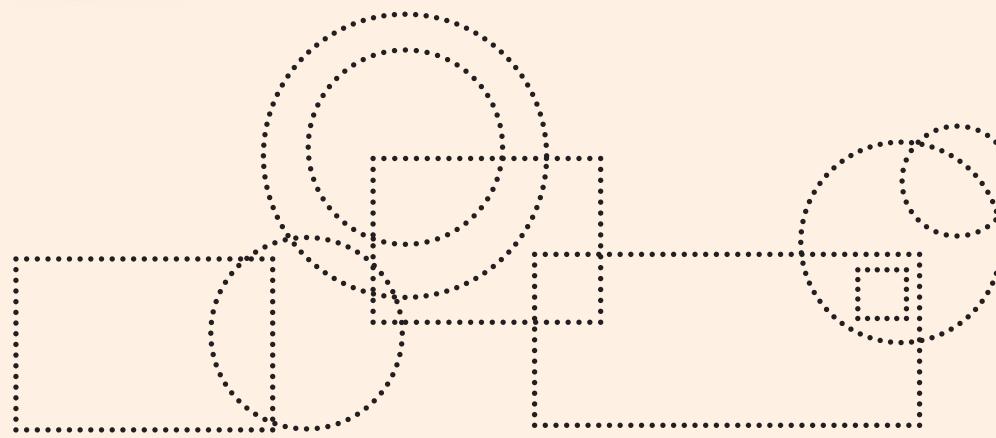
kgwele



Karabo:



Gatisa mme o bale dibopego.



Disekele



Dikwere



Teacher:
Sign:
Date:

11

12

13

14

15

16

17

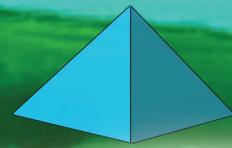
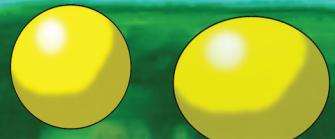
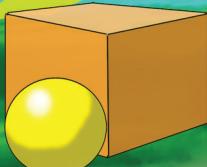
18

19

20



107



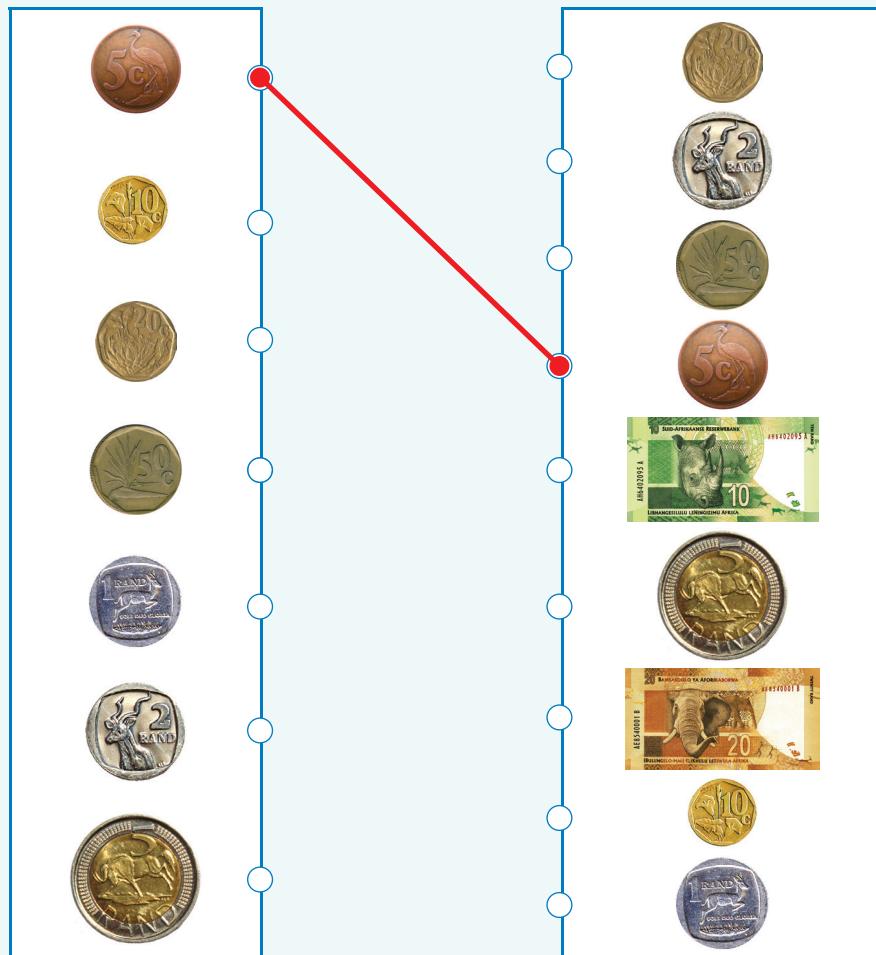
Kgweditharo 4

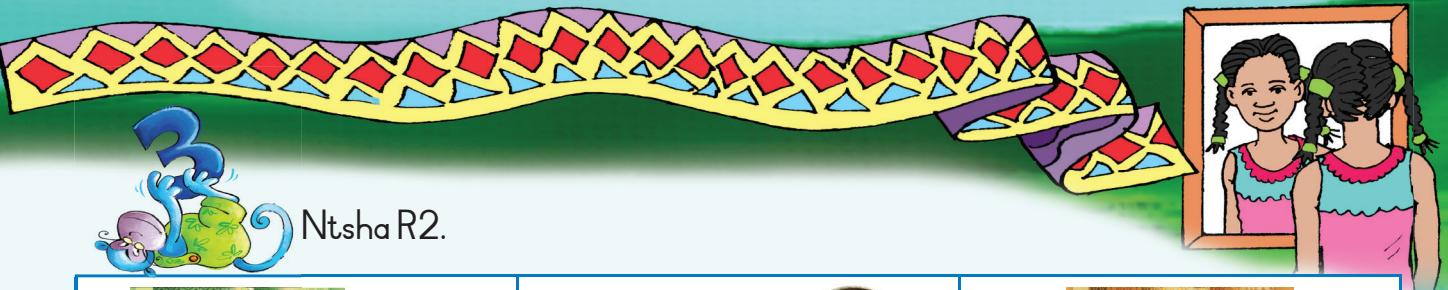


Ke dikhoene dife
tse o kgonang go
di nyalanya?



Tshwaya dikhoene le dipampiritshelete mo bolokong nngwe le nngwe tse
di tlaa go nayang tse di latelang:





Ntsha R2.

RI2 – R2 = RIO		



Ntsha R5.

RI5 – R5 = RIO		



O kgona go thala dikopanyo tse di farologaneng tsa R20 di le kae?

Re go diretse ya ntlha.

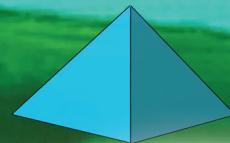
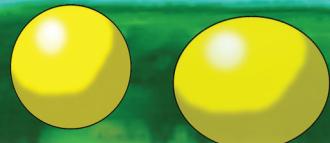
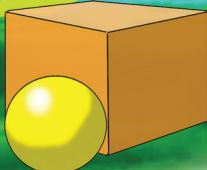
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Sekeletska khoene mo
moleng mongwe le mongwe
e o ka kgonang go reka go le
gontsi ka yona.



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Madi a mangwe

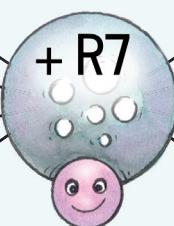


Balela.

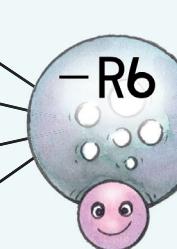


Balela.

R5
R9
R7
R4



RI3
RI5
RI7
RI4





Tlatsa karabo.



Ke efe e kgolwane?
Sekeltsa karabo.

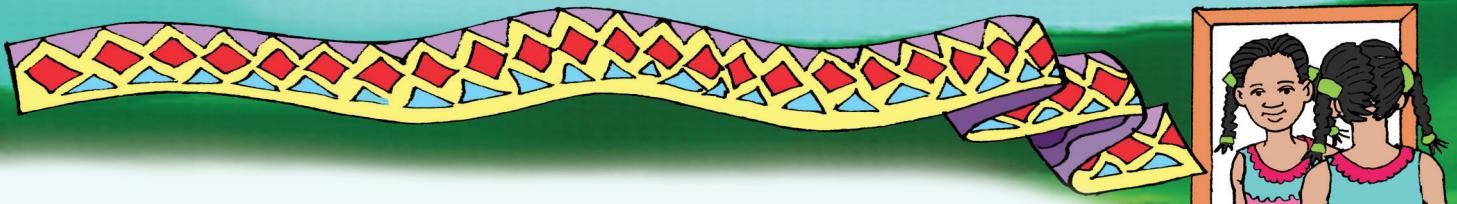
RIO + RI =	
RIO + R2 =	
RIO + R3 =	
RIO + R4 =	
RIO + R5 =	

5c kgotsa R5
20c kgotsa R20
RI kgotsa 50c
R2 kgotsa RI
20c kgotsa 50c



Tlhakanya dipalo go ya kwa matlhakoreng le kwa tlase mme o tlatse dikarabo.

R2	R4	R9	=
R7	R3	R5	=
R6	R8	RI	=
=	=	=	=



Lebelela sekao
mme o feleletse tse
dingwe.

RI7	=	RIO	+	R7
RI6	=		+	
RI5	=		+	
RI4	=		+	
RI3	=		+	
RI2	=		+	



James o rekile senkgwe sa R8.
O se dueletse ka madi a pampiri a RIO.
O bone tšhentšhi yabokae?

Potso ke eng?

Kwala dipalo.

Kwala palo mme o e balele.



Mmaagwe Busi o rekile hutshe ka
RI7. O duetse ka madi a pampiri a
RIO. O bone tšhentšhi ya bokae?



Letsatsi la botsalo la ga Judy e ne
e le ka Latshipi. O amogetse R5 go
tswa mo go ausiagwe, R2 go tsw amo
go abutiagwe le RIO go tswa mo
go ntsalaagwe. O amogetse bokae
gotlhelele?

Potso ke eng?

Kwala dipalo.

Kwala palo mme o e balele.

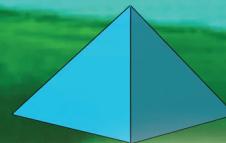
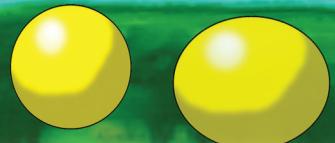
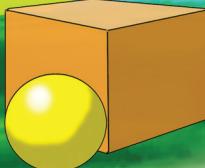
Potso ke eng?

Kwala dipalo.

Kwala palo mme o e balele.



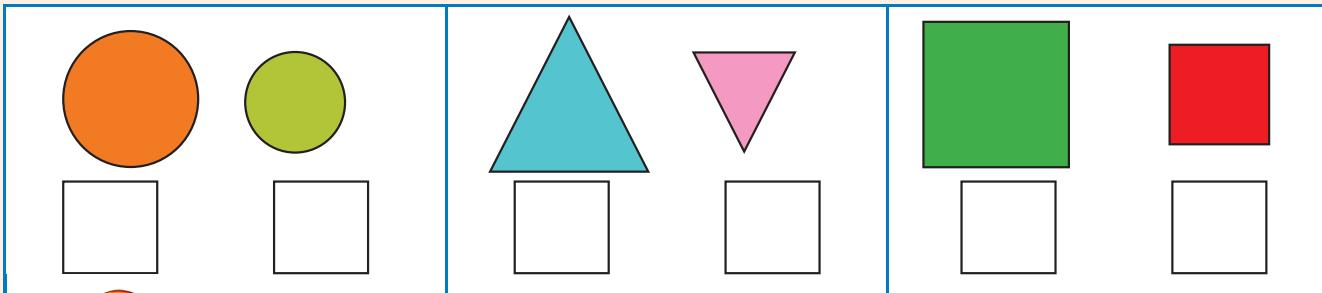
10q



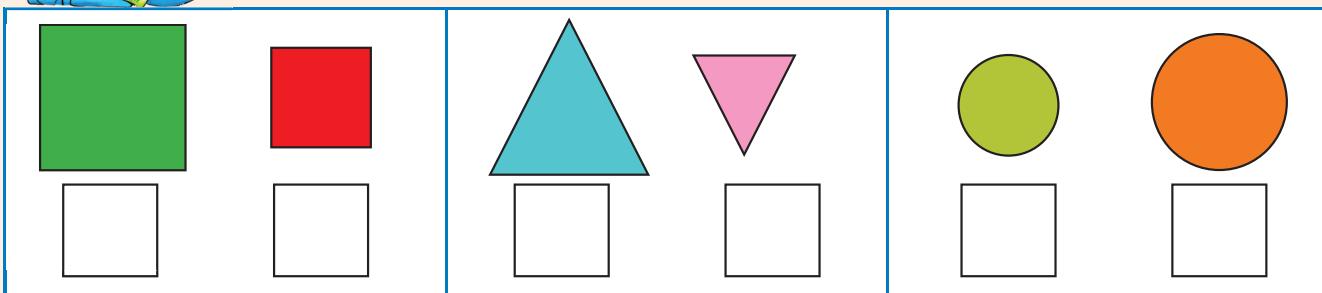
Kgweditharo 4



Tshwaya sebopego se sennyennye mo bolokong bongwe le bongwe.

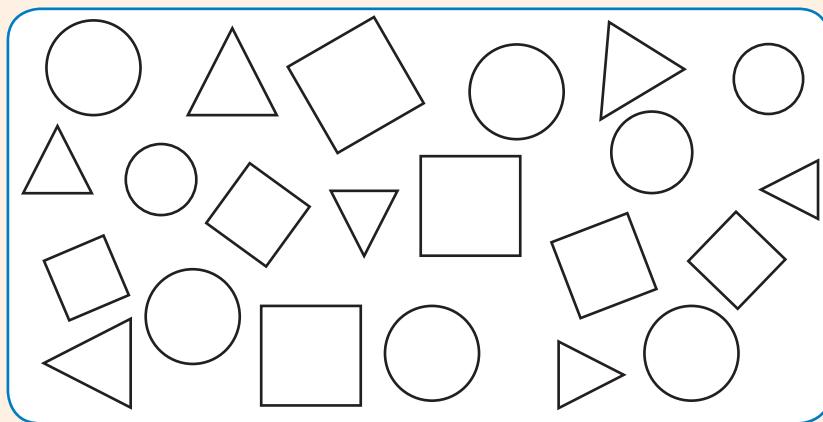


Tshwaya sebopego se segologolo mo bolokong bongwe le bongwe.

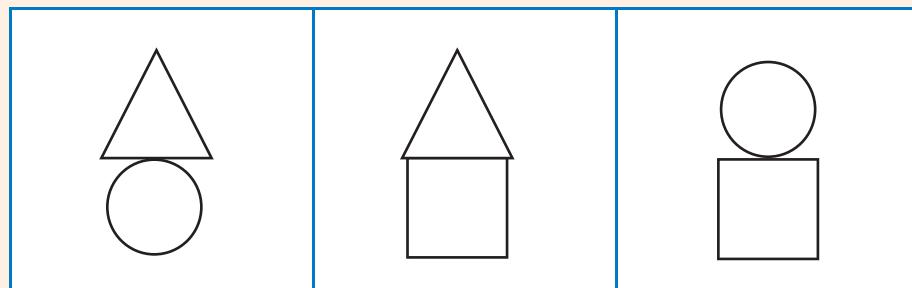


Khalara tsotlhhe tse:

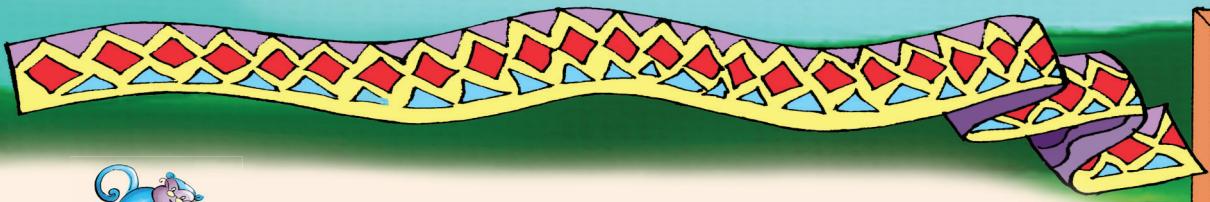
- dikwere ka botala jwa legodimo
- dikhutlotharo ka bohibidu
- disekele ka botala jwa tlhaga



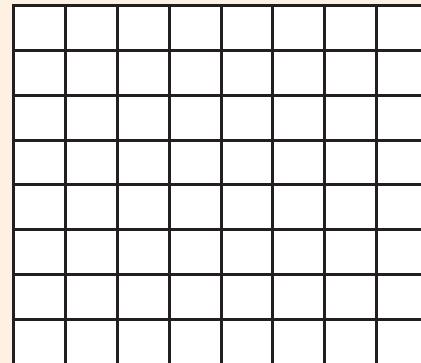
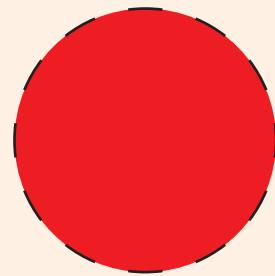
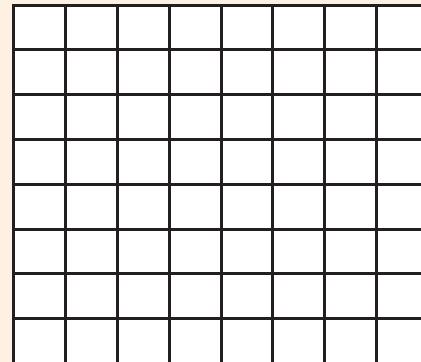
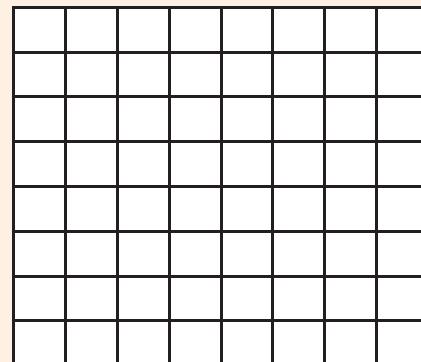
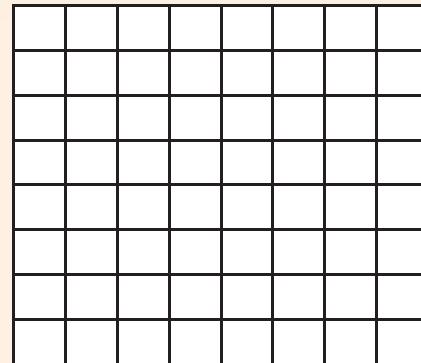
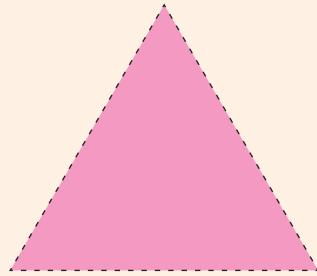
Thala setshwantsho o dirisa dibopego. Re go simololetse setshwantsho sengwe le sengwe a dibopego di le 2.



9 0 1 2 3 4 5 6 7 8 9 10



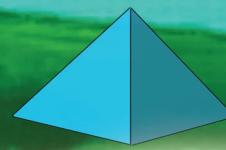
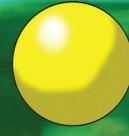
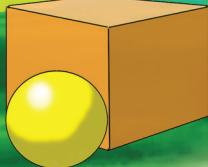
Thala dibopego mo keriting.
Dirisa dikwere tse dinnye go go thusa.



Teacher:
Sign:
Date:



110

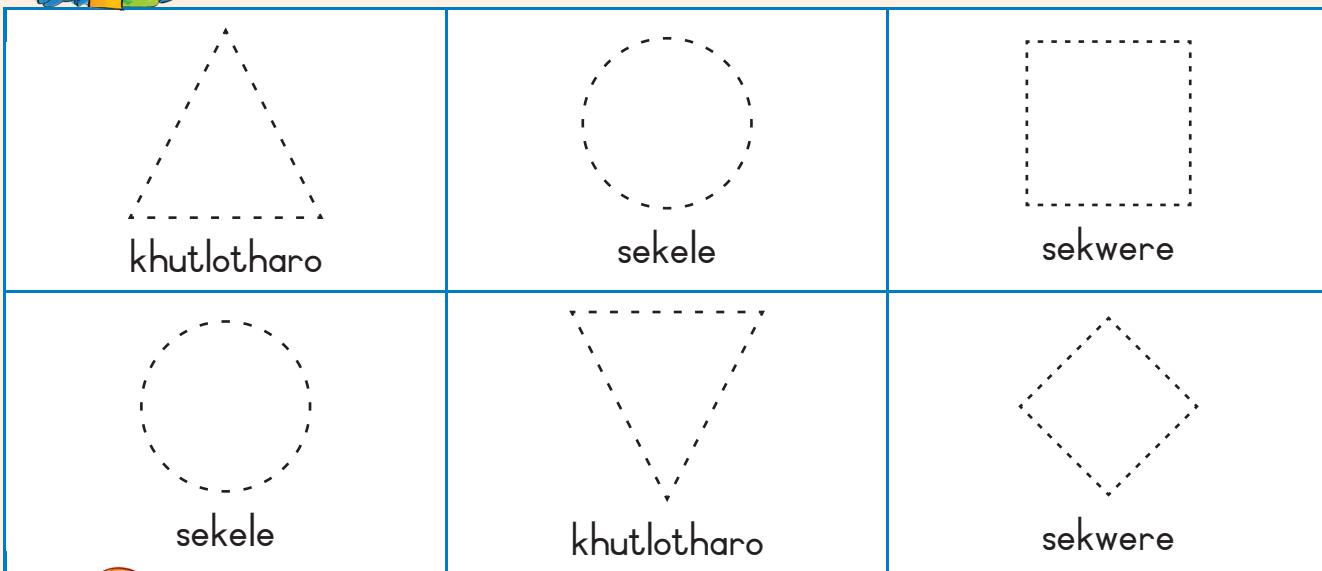


Kgweditharo 4

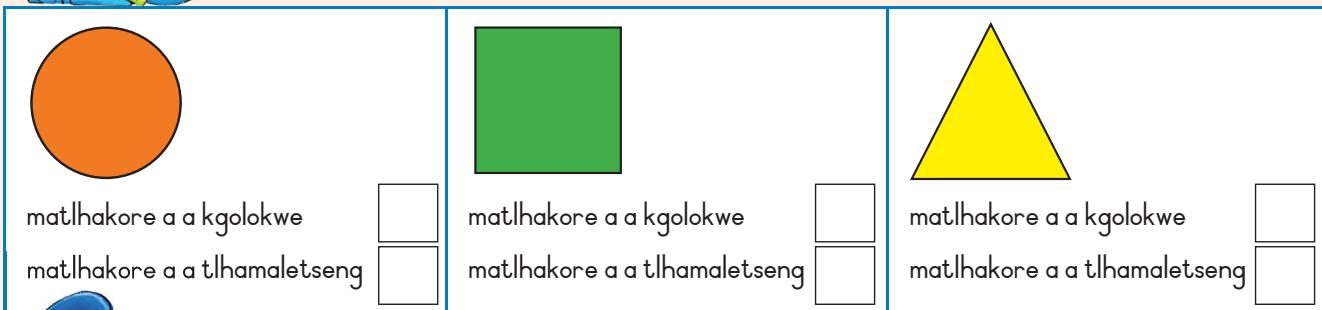
Dibopego tsa matlhakore -2 – matlhakore a a tlhamaletseng le a a kgolokwe



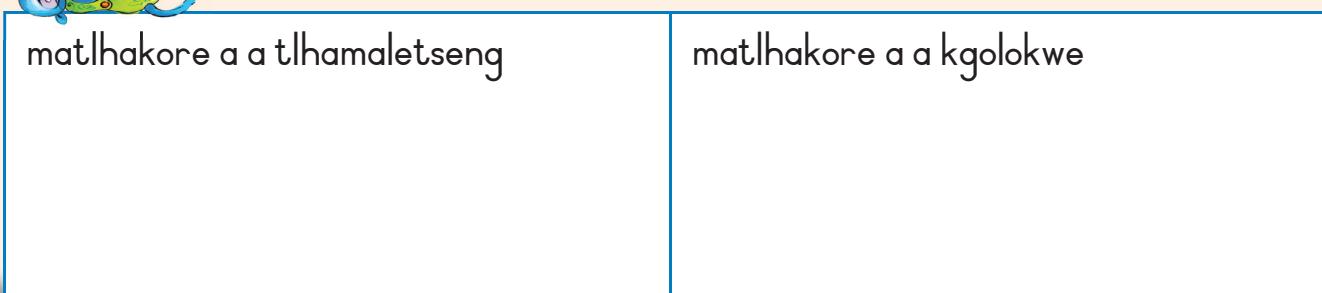
Gatisa dibopego tse di latelang:



Tshwaya go bua gore a sebopego se na le matlhakore a a tlhamaletseng kgotsa a a kgolokwe.



Thala sebopego ka:



92

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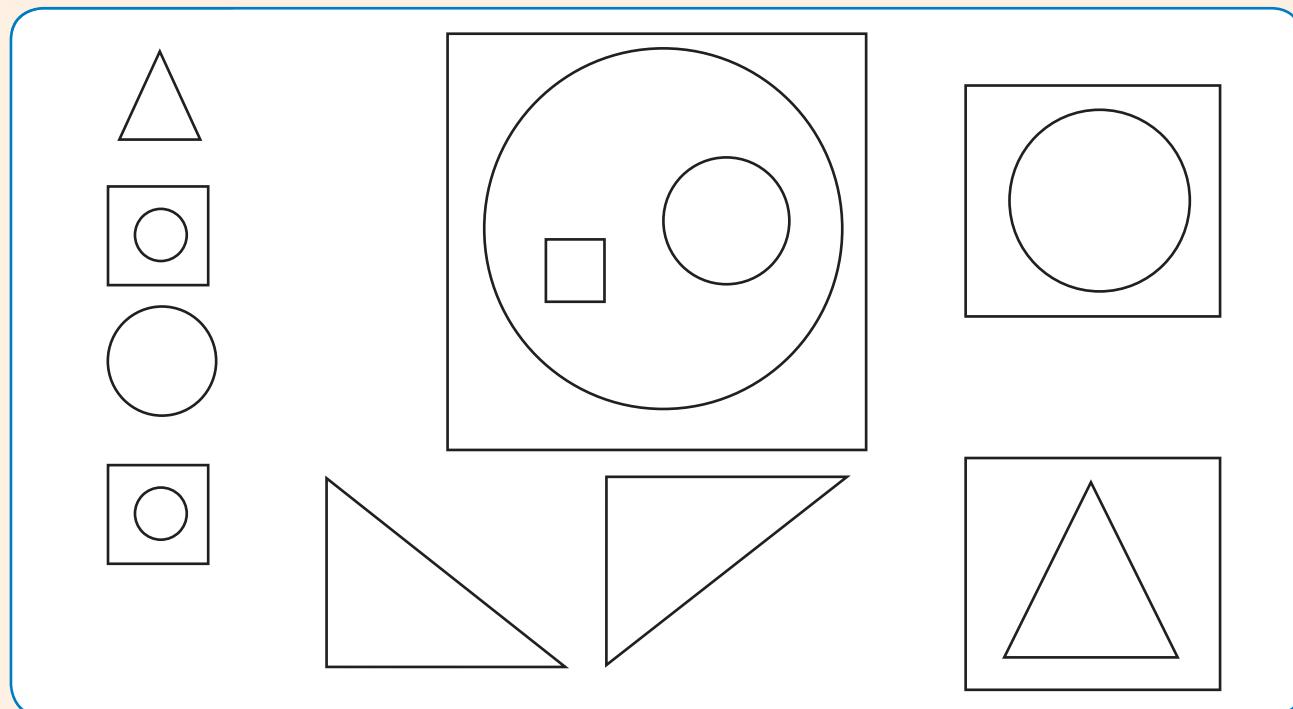
8

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Bala palo ya disekele, dikwere le dikhutlotharo.



Sekele

Sekwere

Khutlotharo



Batla setshwantsho go tswa mo makasineng sa sengwe se se nang le:

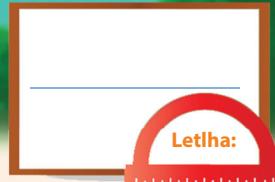
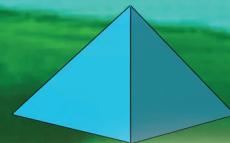
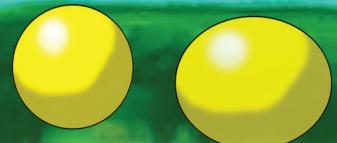
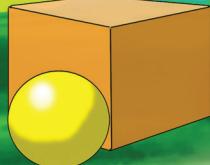
matlhakore a a kgolokwe

matlhakore a a tlhamaletseng

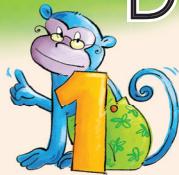


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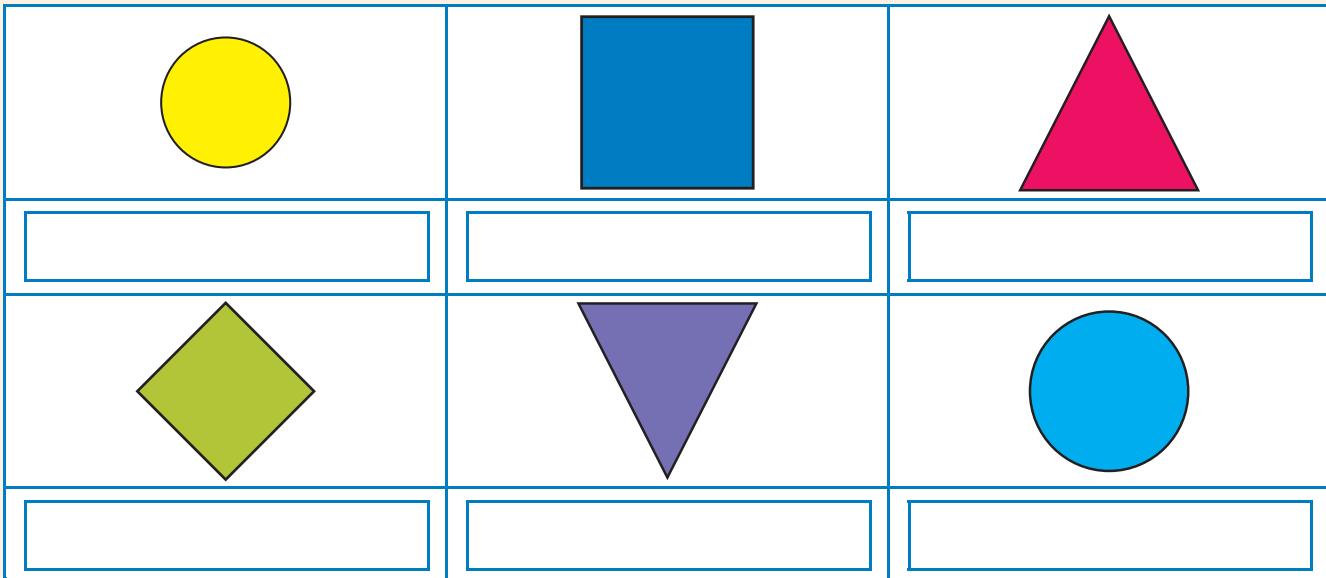




Kgweditloharo 4



Naya maina a dibopego tse di latelang:



Thala setshwantsho sa gago o dirisa disekele, dikhutloharo le dikwere fela.



94

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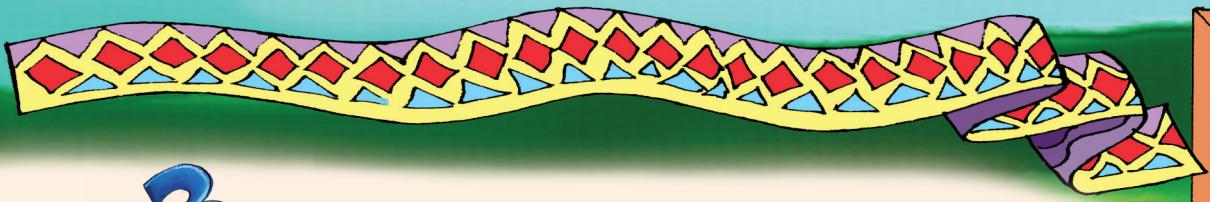
6

7

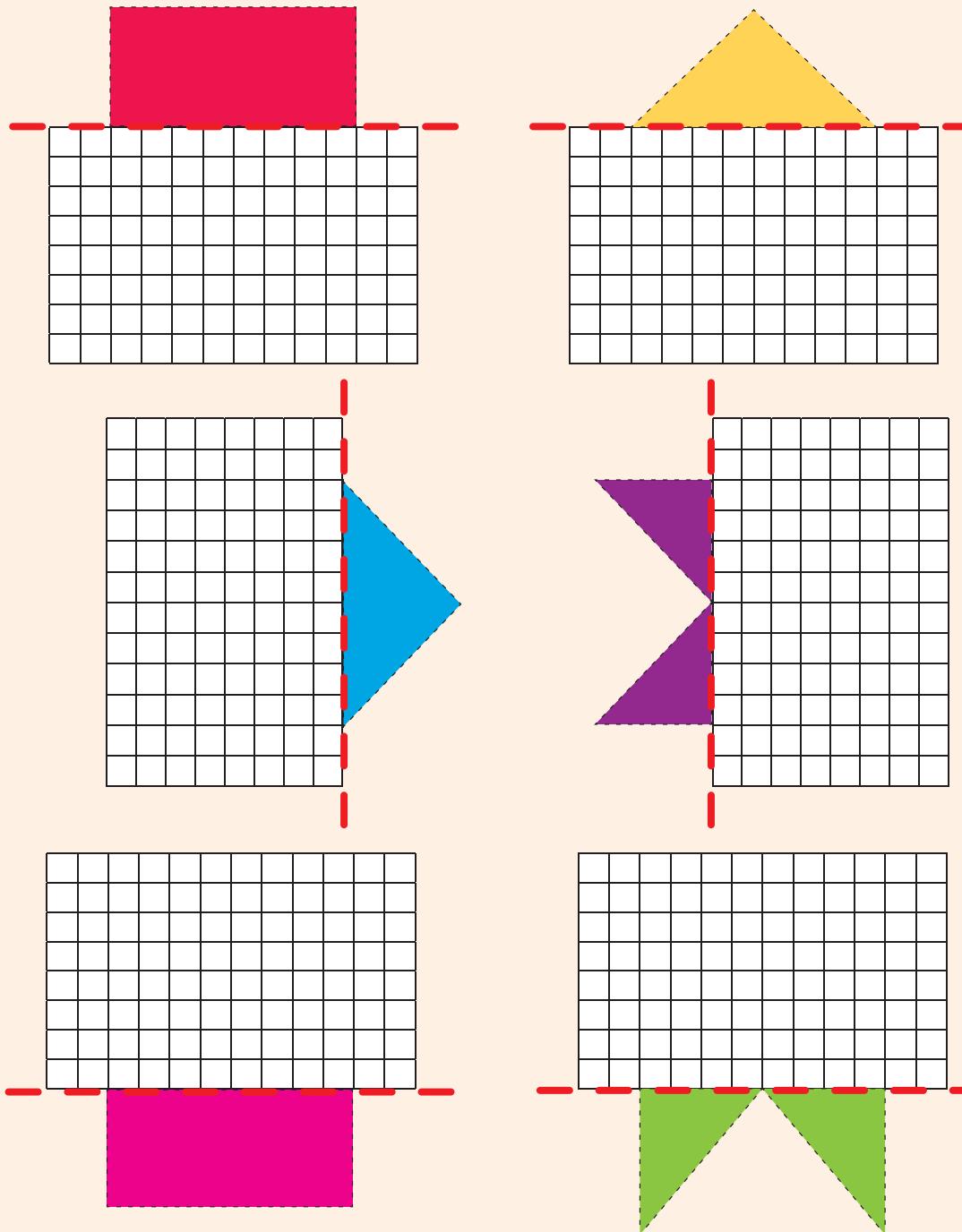
8

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10



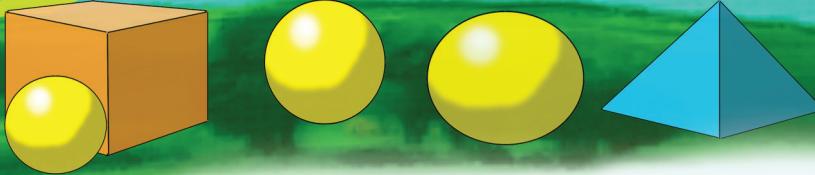
Thala halofo e nngwe ya sebole sengwe le sengwe.
Dirisa dikwere tse dinnye go go thusa.



Tsotlhe di na le matlhakore **a a tlhamaletseng** **a a kgolokwe**.



112

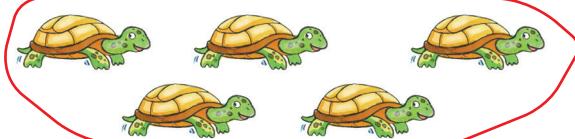


Ditlhophpha tsa tlhano go fitlha ka 20

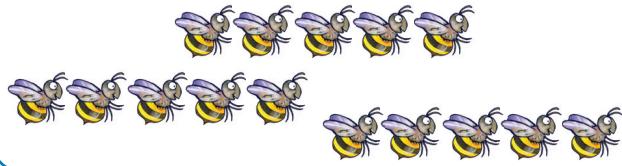


Thala disekele go bopa ditlhophpha tsa tlhano.
O na le ditlhophpha tsa tlhano di le kae?

Setlhophpha se le sa 5



ditlhophpha tsa 5



ditlhophpha tsa 5



ditlhophpha tsa 5



Bala palo ya menwana. Kwala karabo.



$5 + 5 + 5 =$



$5 + 5 + 5 + 5 =$

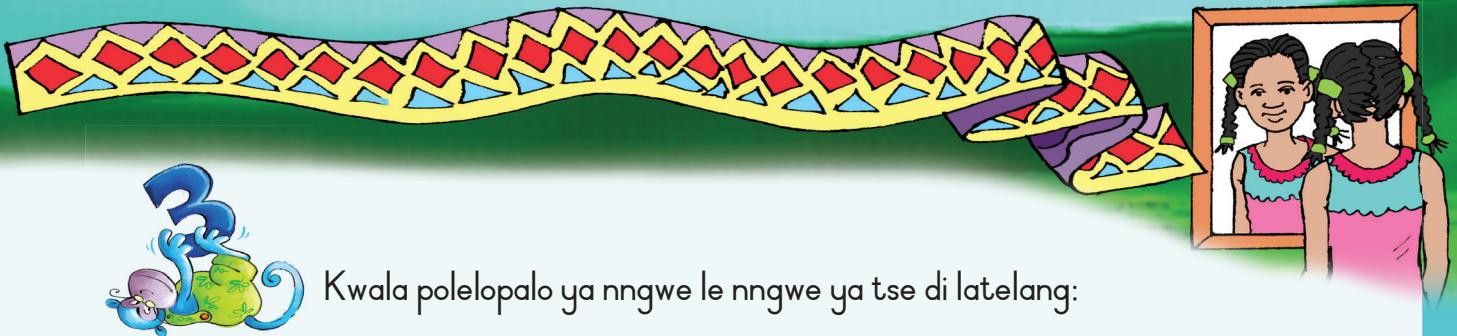


$5 + 5 + 5 + 5 + 5 =$



$5 + 5 + 5 + 5 + 5 + 5 =$





Kwala polelopalo ya nngwe le nngwe ya tse di latelang:



Araba diotso.



O bona madi a tshipi a
5c a le makae?

E kwale jaaka polelopalo.



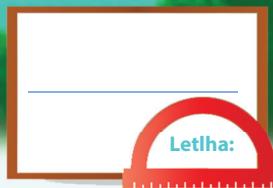
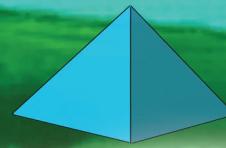
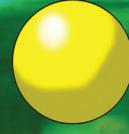
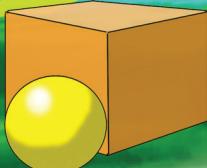
Tlatsa dipalo tse di tlogetsweng.

I	2	3	4		6	7	8	9	
II	I2	I3	I4		I6	I7	I8	I9	



II I2 I3 I4 I5 I6 I7 I8 I9 20

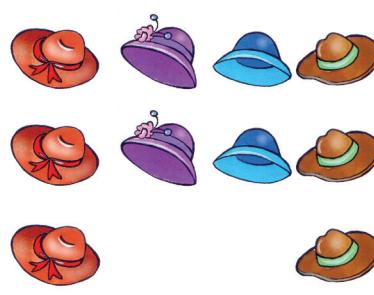
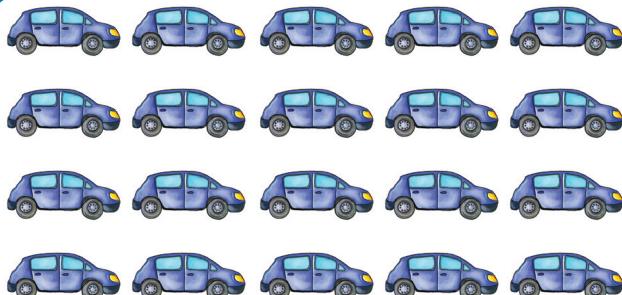
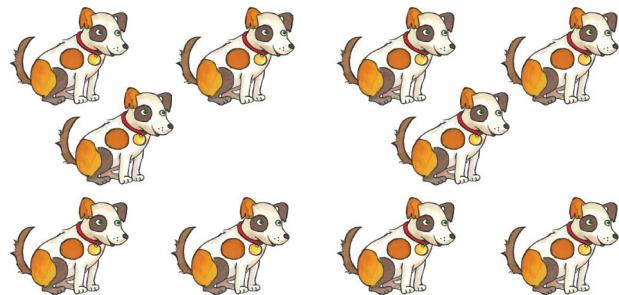
113



Bo-tlhano – go tlhakanya go go boelediwang go fitlhha ka 20



Bopa ditlhophpha tsa tlhano mme o kwale polelopalo.



Thala ditlhophpha tsa tlhano go bontsha polelopalo.

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

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





Kwala polelopalo ya nngwe le nngwe ya tse di latelang:

<input type="text"/>								
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$5 + 5 =$

<input type="text"/>																					
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<input type="text"/>																
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<input type="text"/>																					
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O bala dipalo tse tlhano gakae? _____

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



Go na le matsogo a le 3 mo letlhaphofeng.

Go na le menwana e le mekae mo letlhaphofeng?

<input type="text"/>									
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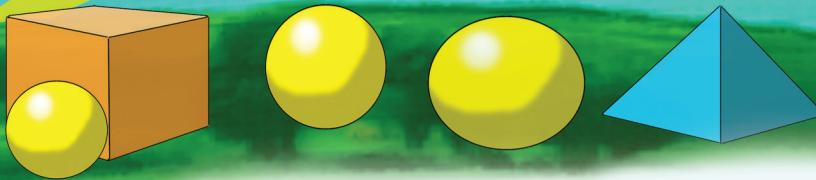
II 12 13 14 15 16 17 18 19 20



Teacher:
Sign:
Date:



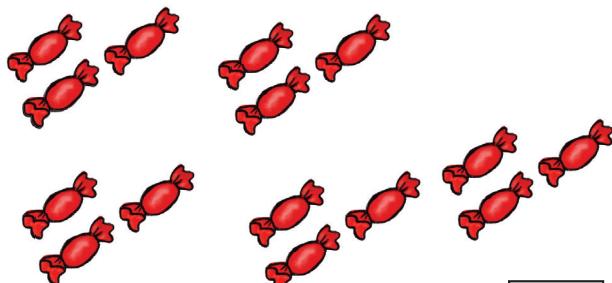
14



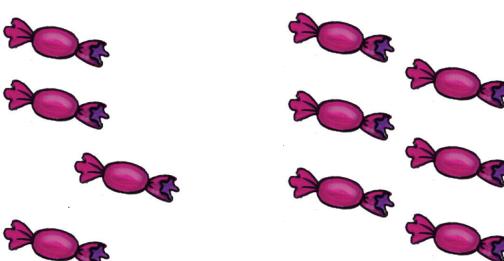
Go aroganya go fitlha ka 20



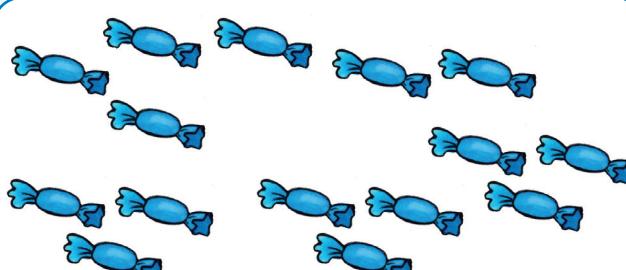
Aroganya dimonamone magareng ga ditsala tse tlhano.
Mongwe le nngwe e tlaa bona dimonamone di le kae?



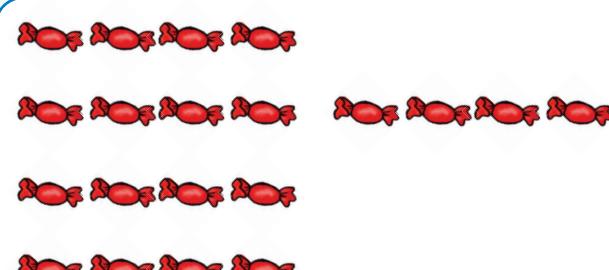
Tsala nngwe le nngwe e tlaa
bona dimonamone di le



Tsala nngwe le nngwe e tlaa
bona dimonamone di le



Tsala nngwe le nngwe e tlaa
bona dimonamone di le



Tsala nngwe le nngwe e tlaa
bona dimonamone di le

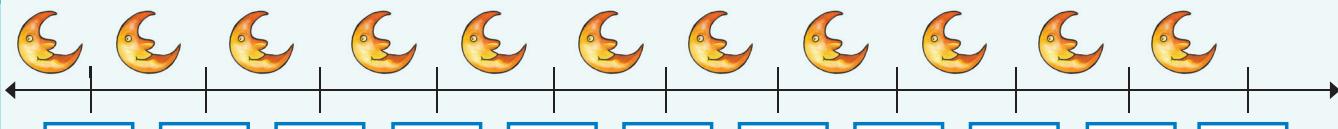


Khalara dikatiso tsa tlhano.

I	2	3	4	5	6	7	8	q	10
II	I2	I3	I4	I5	I6	I7	I8	I9	20



Tlatsa dipalo tse di tlogetsweng.



<input type="text"/>	II	I2	I3	I4	<input type="text"/>	I6	<input type="text"/>	I8	I9	<input type="text"/>
----------------------	----	----	----	----	----------------------	----	----------------------	----	----	----------------------



100

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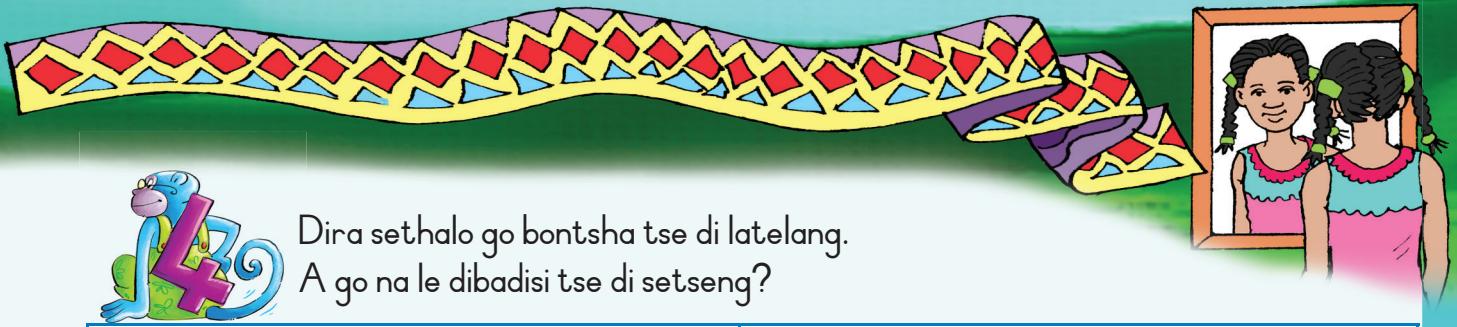
6

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Dira sethalo go bontsha tse di latelang.
A go na le dibadisi tse di setseng?

Aroganya dibadisi di le 10 magareng ga ba na
ba le batlhano.

Dibadisi tse di setseng di .

Aroganya dibadisi di le 11 magareng ga ba na
ba le batlhano.

Dibadisi tse di setseng di .

Aroganya dibadisi di le 6 magareng ga ba na ba
le batlhano.

Dibadisi tse di setseng di .

Aroganya dibadisi di le 16 magareng ga ba na
ba le batlhano.

Dibadisi tse di setseng di .



Kwala polelopalo ya nngwe le nngwe ya tse di latelang:



$$5 + 5 =$$





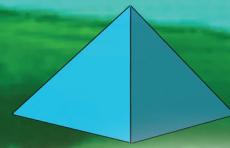
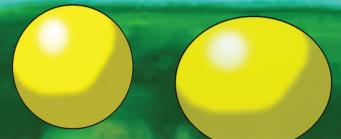
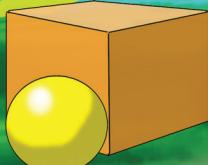




Teacher:
Sign:
Date:



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Diphethene tsa diaplo – bo tlhano go fitlhha ka 100



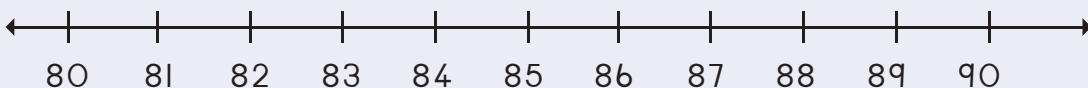
Feleletsa phethene ka go khalara dikatiso tsa tlhano.

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



Thala dihupu go bontsha tse di latelang:

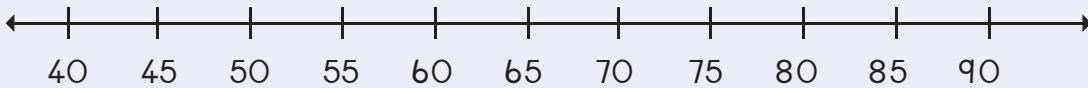
86, 88, 90



70, 75, 80



55, 60, 65, 70



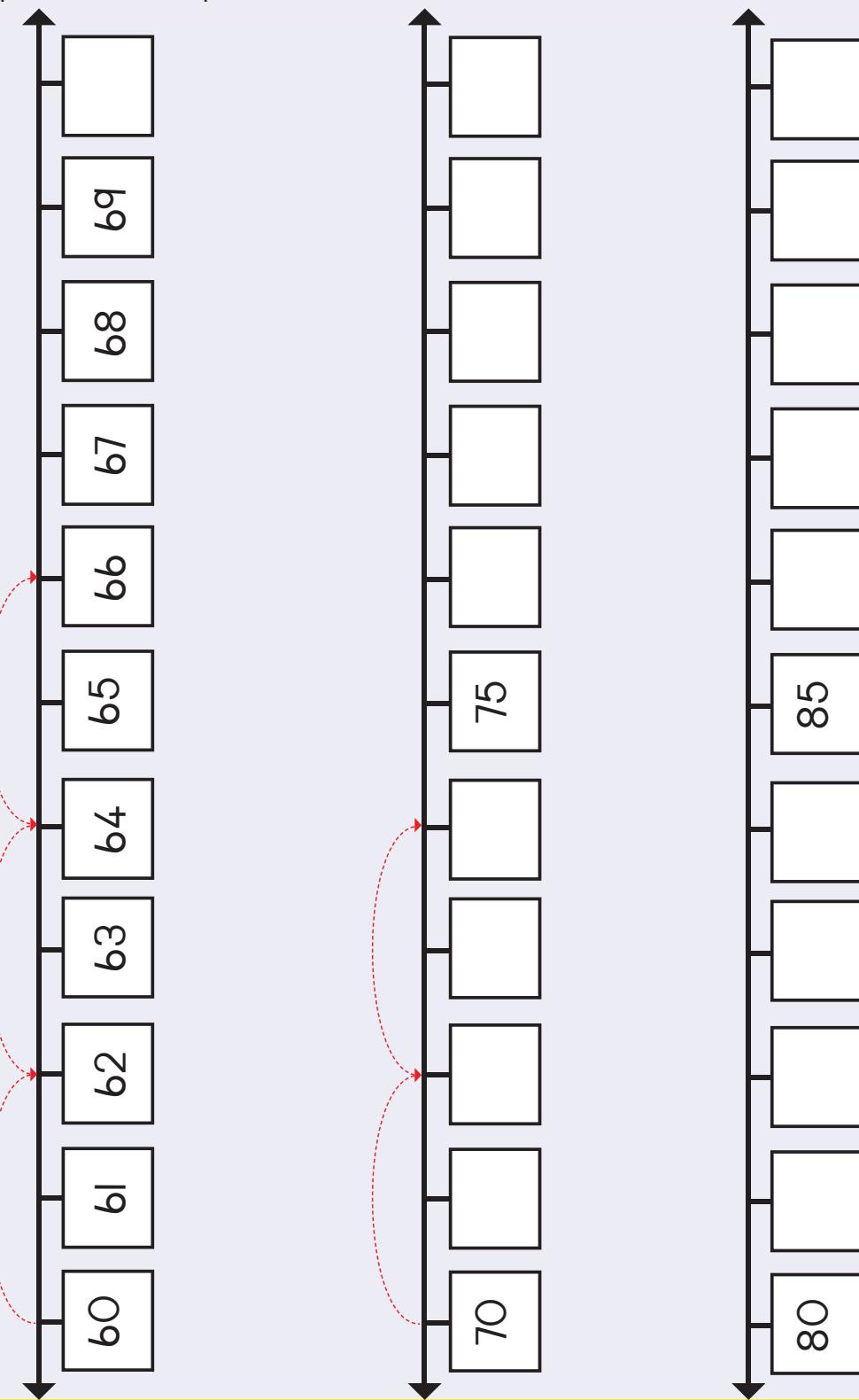
Dirisa tleloko go bontsha go bala metsotsa ka bo tlhano.



0 2 3 4 5 6 7 8 9 10



Baya dipalo go tswa mo Mosegong wa 2 mo mafelong a
dipalo di tlogetsweng mo go ona mo melapalong e.
Gape feleletsa dihupu.



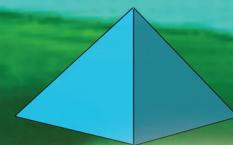
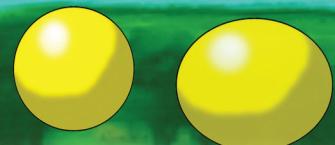
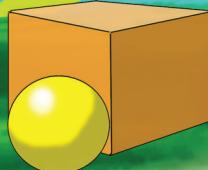
11 12 13 14 15 16 17 18 19 20



Teacher:
Sign:
Date:



116



Kgweditharo 4



Golaganya lepele le
lemorago la phologolo
nngwe le nngwe.

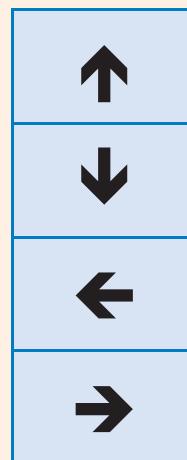
Pele



Morago



Sekeletsa motsu
o o golaganang
le motsu o o
fifaditsweng.



→	←	↑	↓
↑	↓	→	←
→	←	↑	↓
↑	↓	↓	→



104

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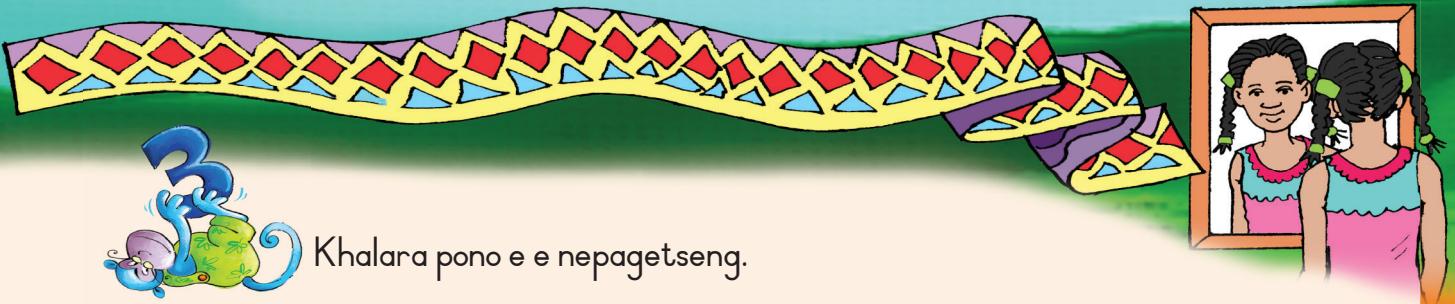
6

7

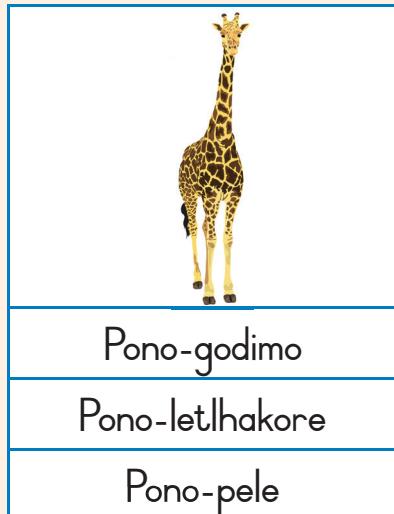
8

9

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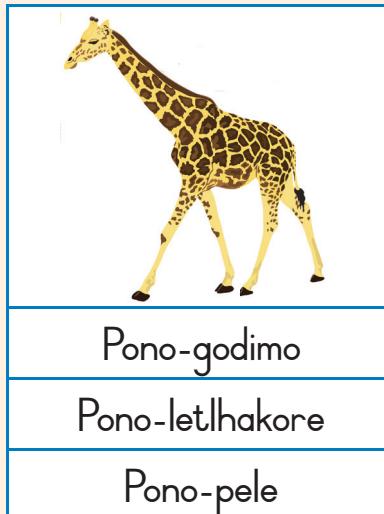
Khalara pono e e nepagetseng.



Pono-godimo

Pono-letlhakore

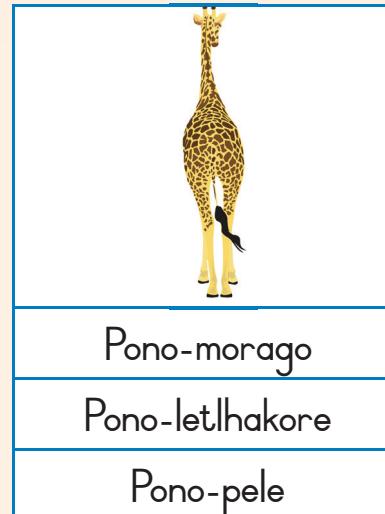
Pono-pele



Pono-godimo

Pono-letlhakore

Pono-pele



Pono-morago

Pono-letlhakore

Pono-pele



Katse e kae?

Khalara karabo e e nepagetseng.



Kwa morago

Kwa pele

Fa thoko ga



Kwa morago

Kwa pele

Fa thoko ga



Kwa morago

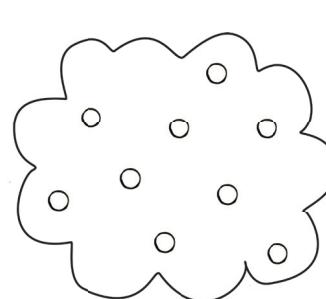
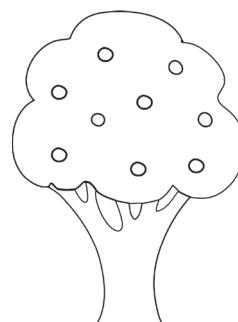
Kwa pele

Fa thoko ga



Lebelela ditshwantsho
tsa ditlhare.

Khalara pono-godimo.



Teacher:
Sign:
Date:



11

12

13

14

15

16

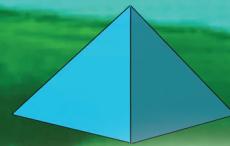
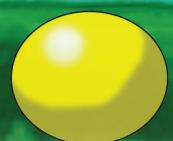
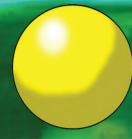
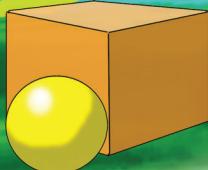
17

18

19

20

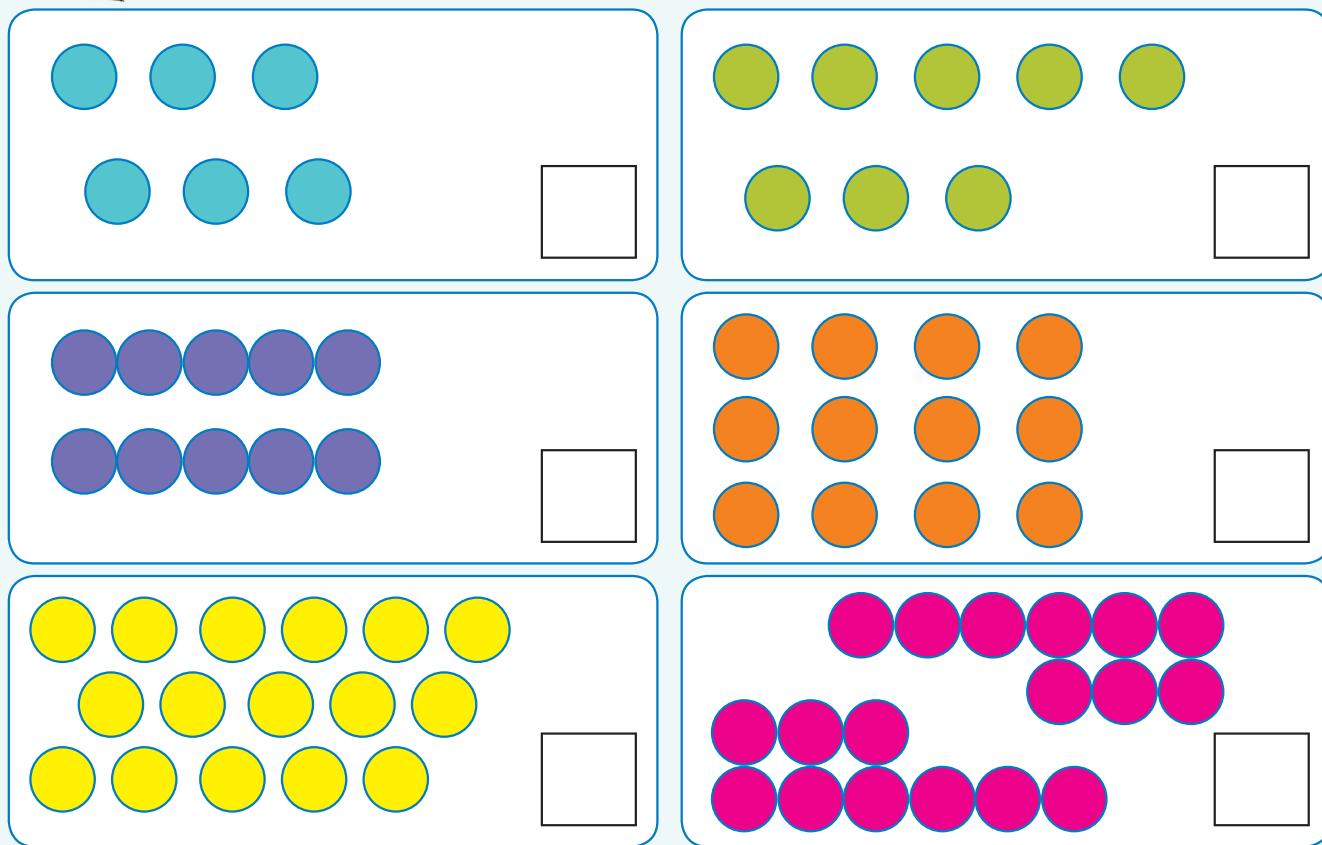
117



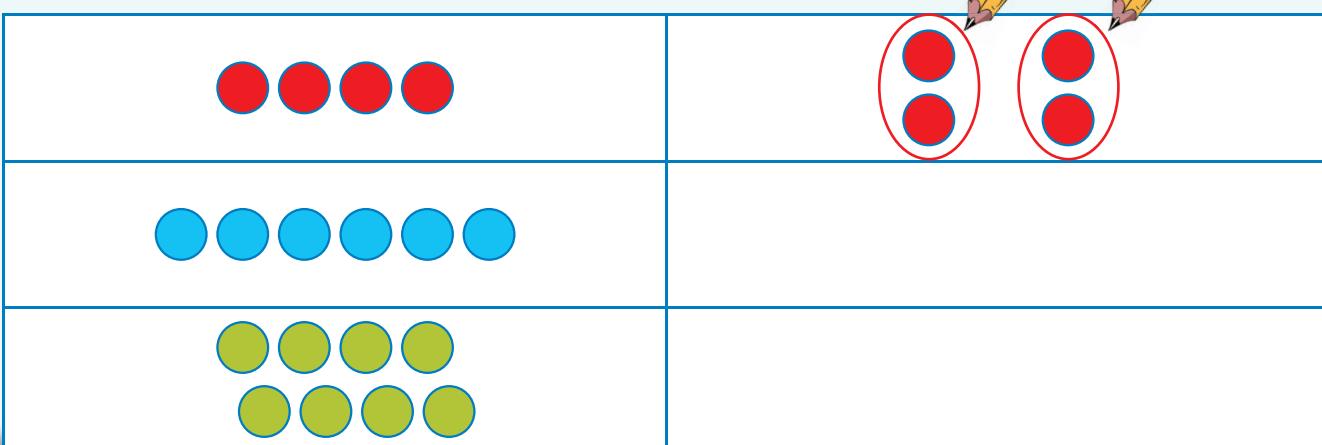
Ditlhophpha tsa bo pedi go fitlha ka 20

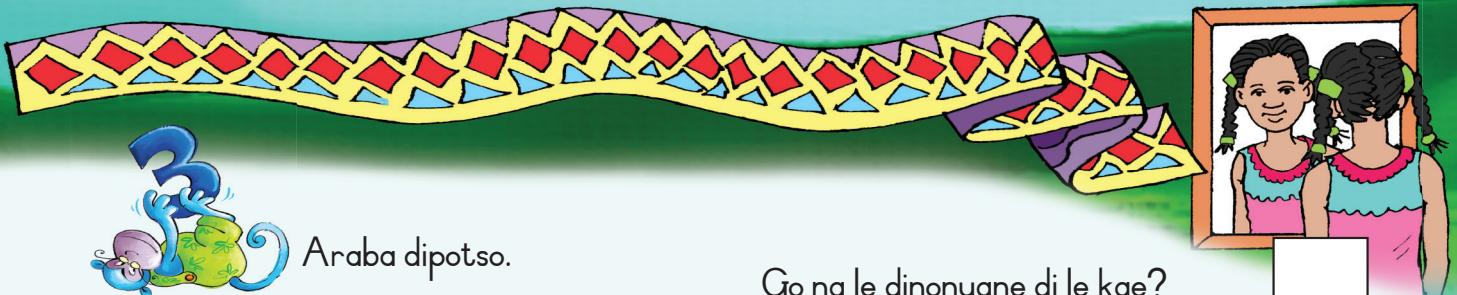


Dira ditlhophpha tsa pedi. Kwala gore go na le ditlhophpha di le kae.



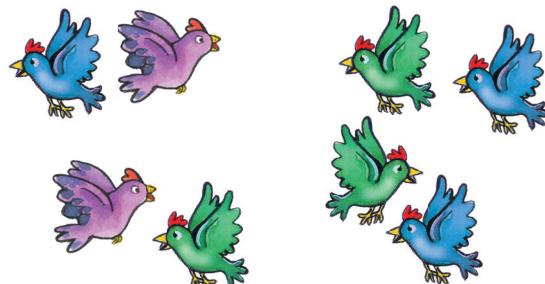
Dira ditlhophpha tsa pedi. Thala ditlhophpha.





3

Araba dipotso.



Go na le dinonyane di le kae?

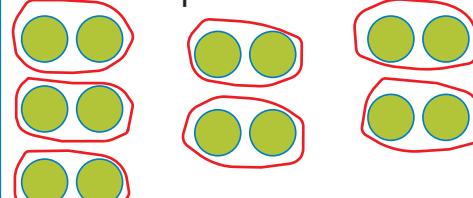
O ka kgonna go dira ditlhophha tsa pedi di le kae?

Kwala polelopalo.

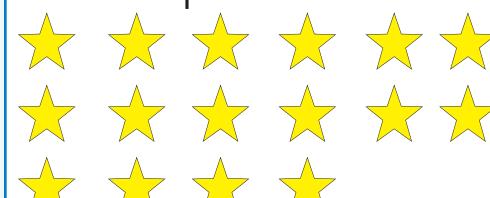
4

Thala disekele
go dira tse di
latelang.

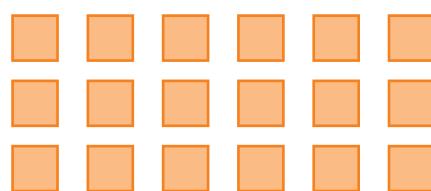
Ditlhophha di le 7 tsa 2



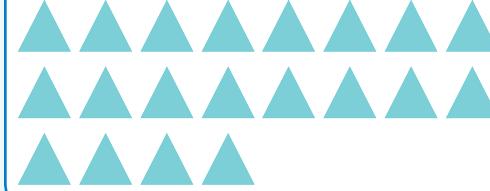
Ditlhophha di le 8 tsa 2



Ditlhophha di le 9 tsa 2

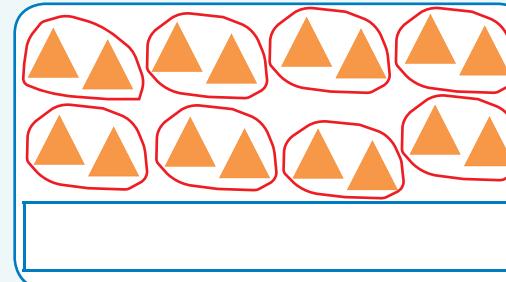
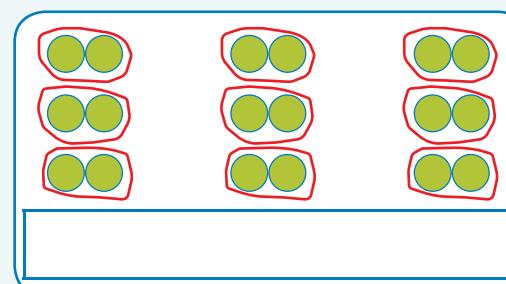
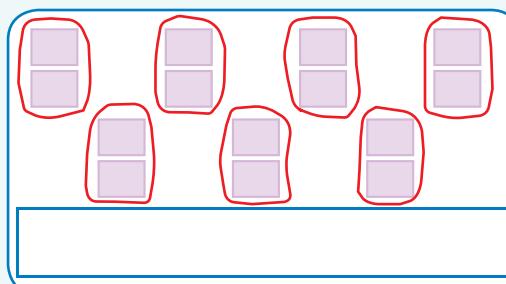


Ditlhophha di le 10 tsa 2



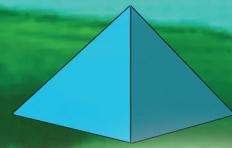
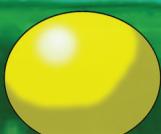
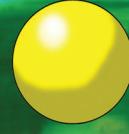
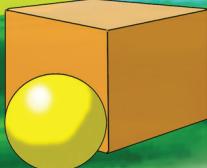
5

Kwala polelopalo
ya tse di
latelang.



Teacher:
Sign:
Date:

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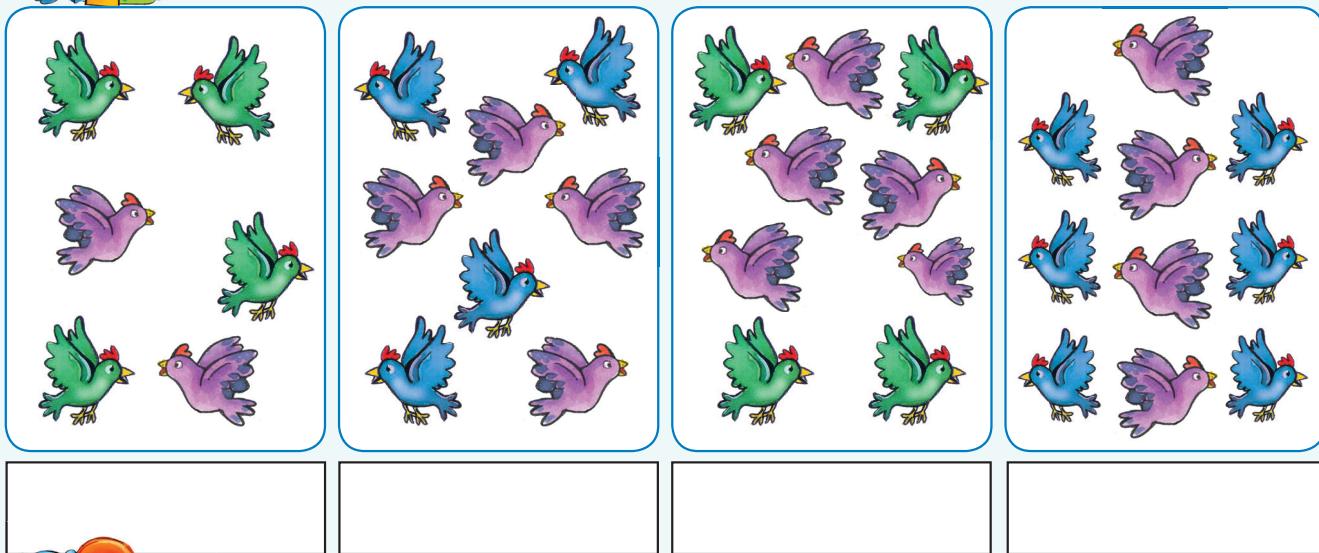


Letlha:

Bo pedi – poeletso ya go tlhakanya go fitlha ka 20



Go na le maoto a le makae? Kwala polelopalo ya nngwe le nngwe.



Thala dibopego tsa tse di latelang:

$$2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$$



$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = \boxed{\quad}$$

$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = \boxed{\quad}$$

$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = \boxed{\quad}$$



108

0

1

2

3

4

5

6

7

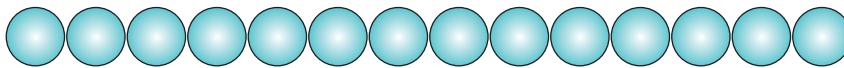
8

9

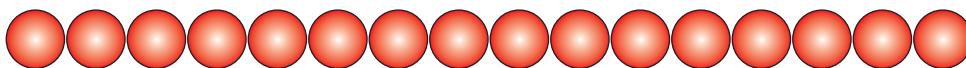
10

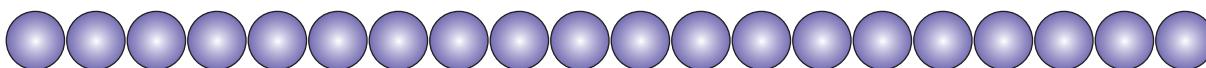


Kwala polelopalo ya tse di latelang:



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









Khalara dikatiso
tsa pedi.

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

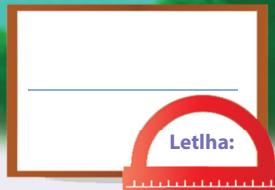
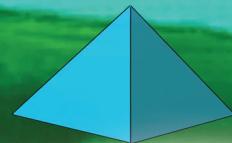
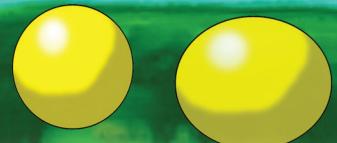
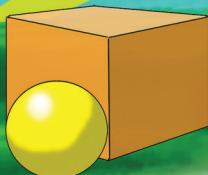


Ke na le dipakete di le 6 tsa dimonamone di le 2 nngwe le nngwe, ken a le dimonamone di le kae? Thala setshwantsho mme o kwale polelopalo.

Ke na le dimonamone di le .



119



Kgweditharo 4

Diphethene tsa dipalo – bo pedi go fitlha ka 100



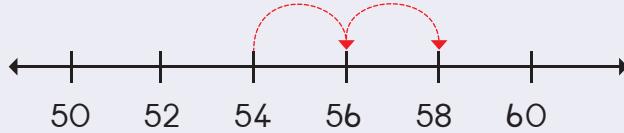
Feleletsa phethene ka go khalara dipalo.



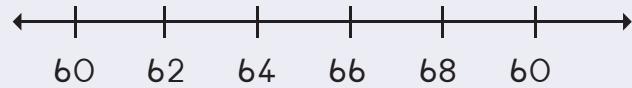
Thala dihupu go bontsha tse di latelang:

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

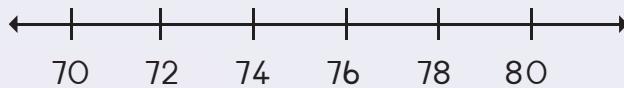
54, 56, 58



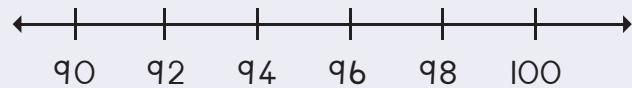
64, 66, 68



74, 76, 78



94, 96, 98

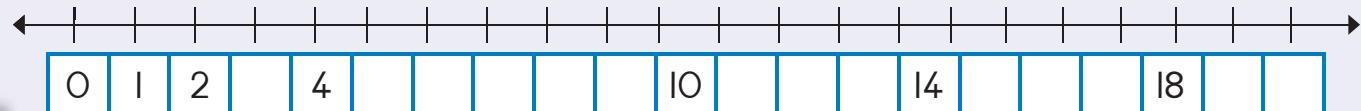


Tlatsa dipalo tse di tlogetsweng. Khalara phethene: 2, 4...

I			3				7			10
II							17			20



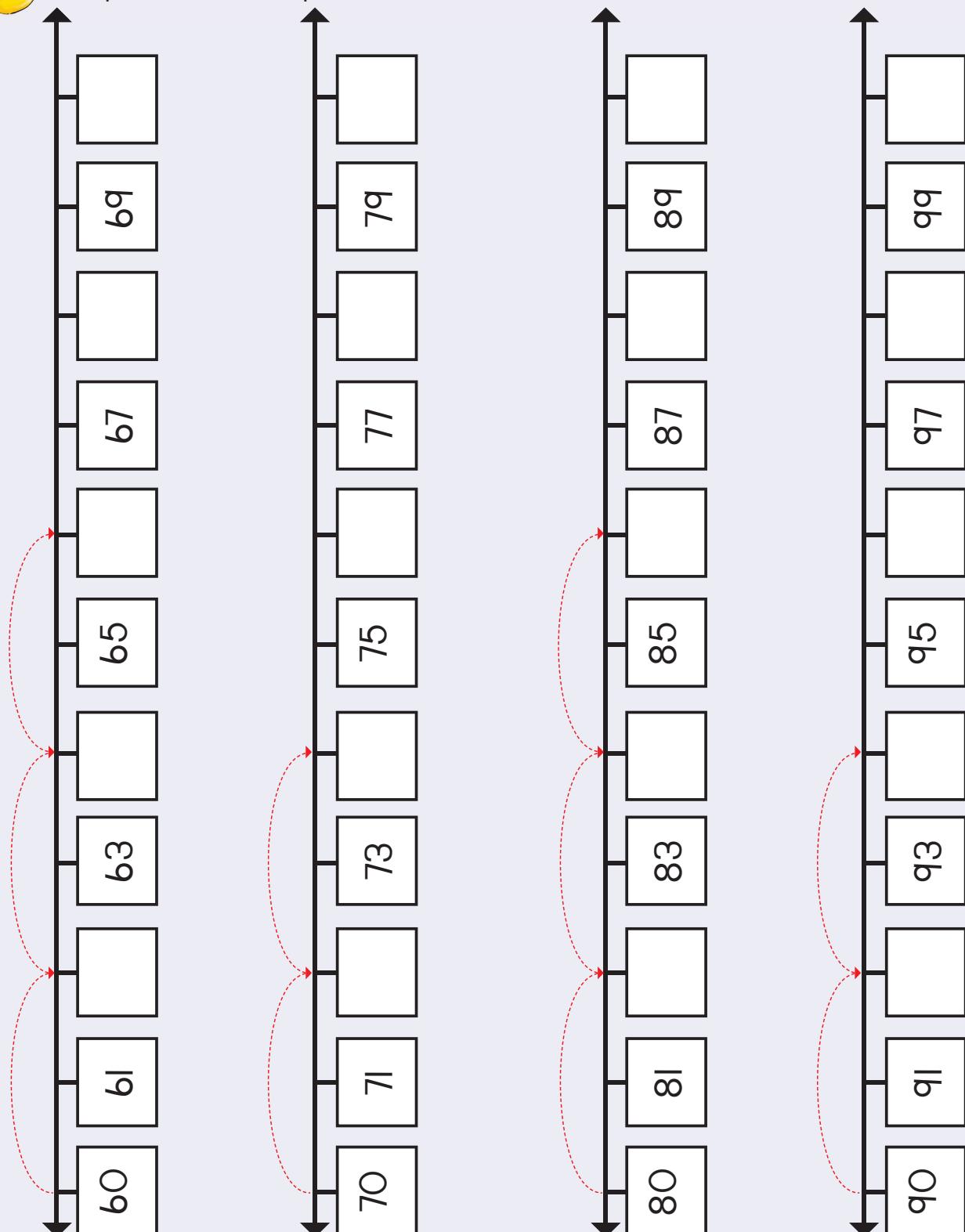
Feleletsa molapalo.



0 1 2 3 4 5 6 7 8 9 10



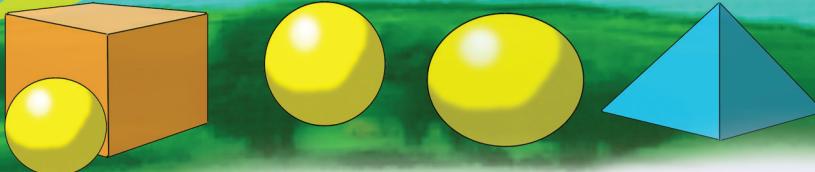
Sega dipalo go tswa mo Mosegong wa 2 mme o di beye mo
melapalong ya dipalo tse di tlogetsweng.
Gape o feleletse dihupu.



11 12 13 14 15 16 17 18 19 20



120

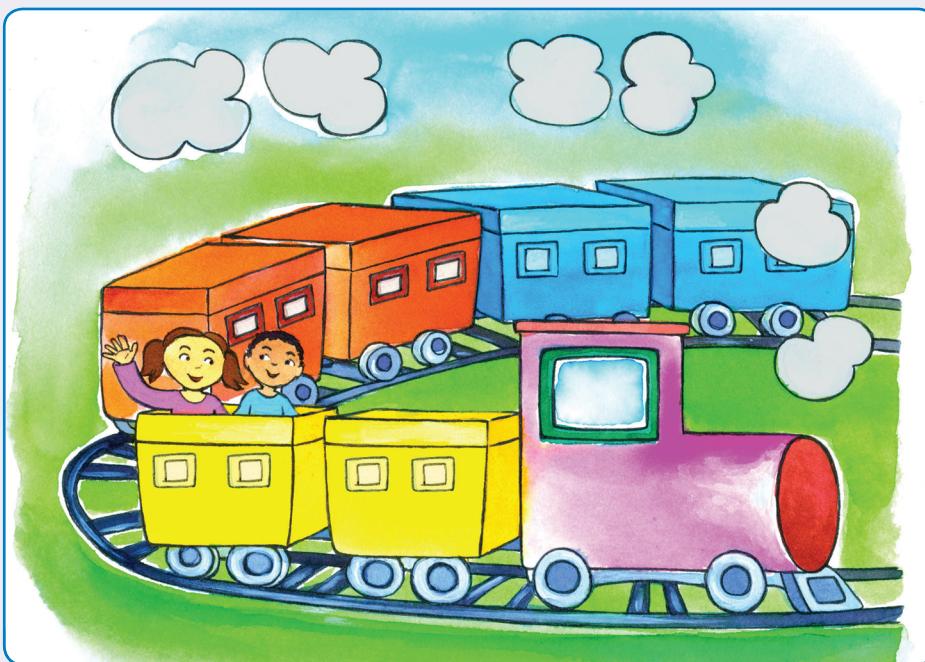


Diphethene tsa dipalo – bo pedi go fitlha ka 100

Kgweditharo 4

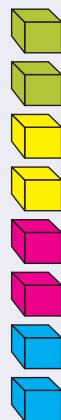


A o kgona go bona diphethene tsa bo pedi?

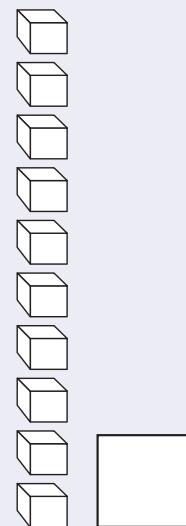
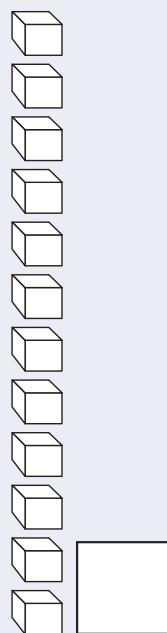


Khaara diboloko go bontsha ditlhophha tsa bo pedi.

Bala gore go na le ditlhophha di le kae.



4



112

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1

2

3

4

5

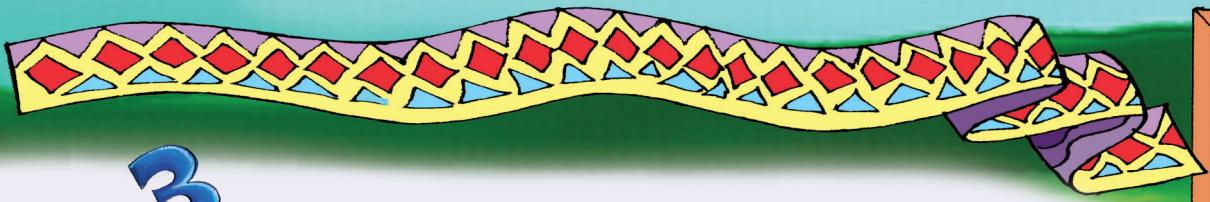
6

7

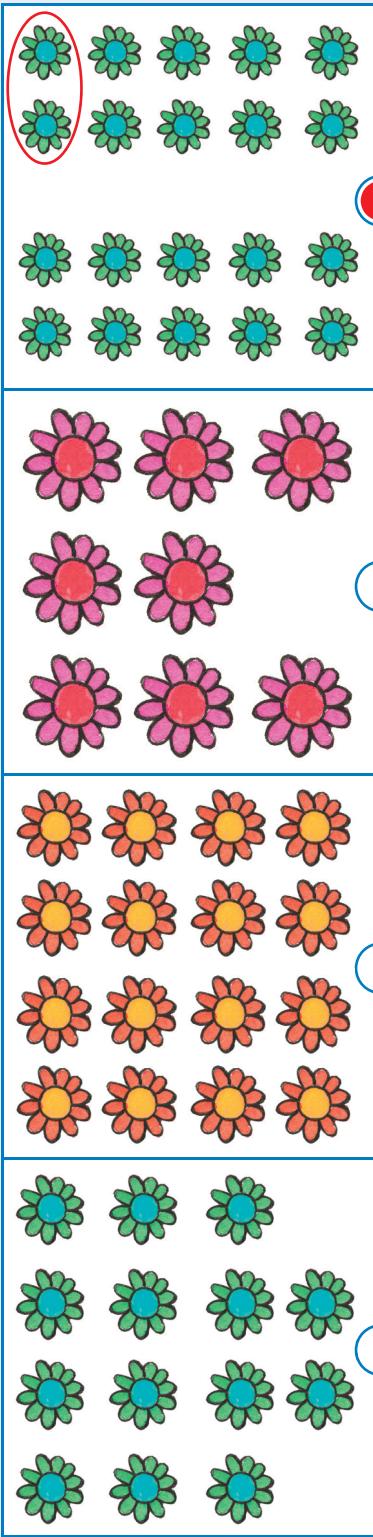
8

9

10



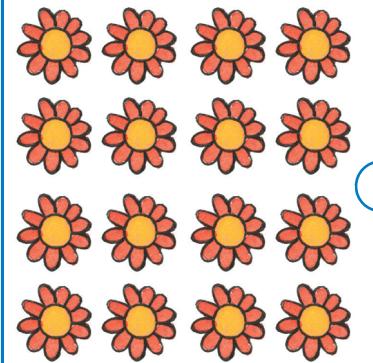
Golaganya ditlhophha tsa bo pedi le polelopalo ka
go thala mola.



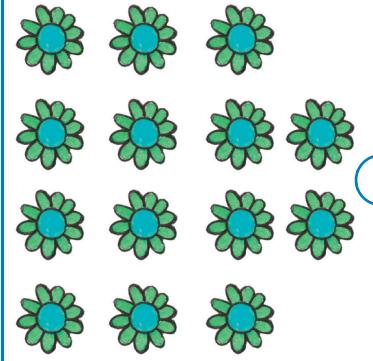
$$2 + 2 + 2 + 2 = 8$$



$$2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$$



$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 20$$



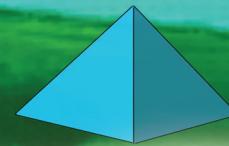
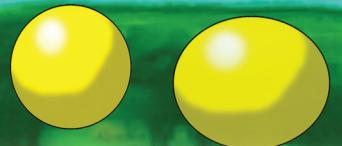
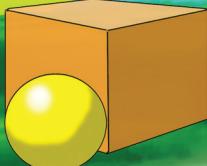
$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16$$



Teacher:
Sign:
Date:



I2I

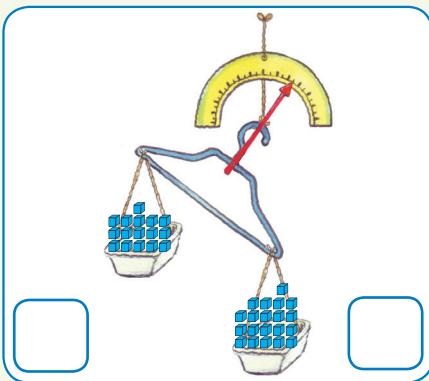
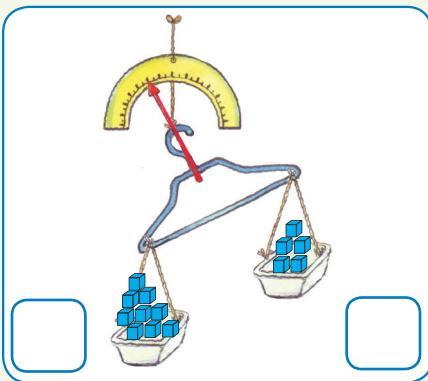
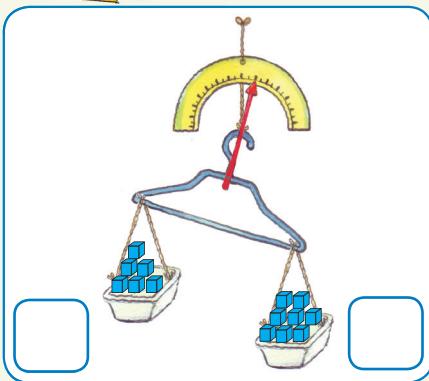


Kgweditharo 4

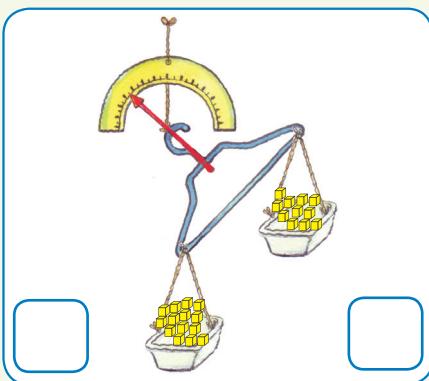
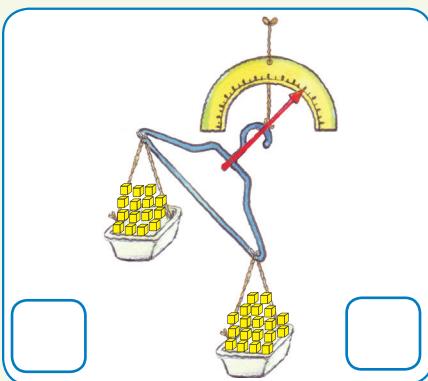
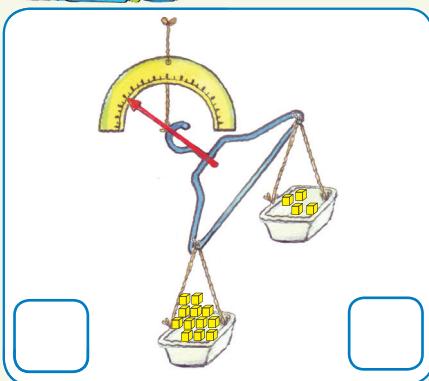
Mmase (Boima)



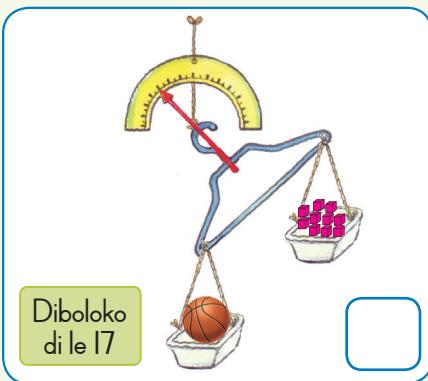
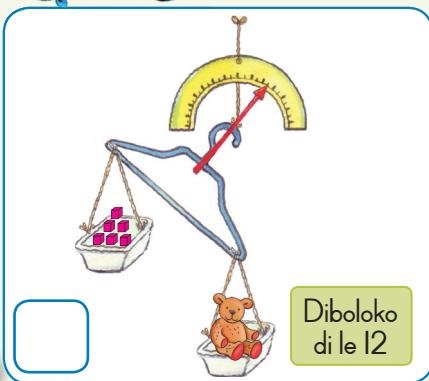
Kwala gore go na le diboloko di le kae mo seduting kana setshelong sengwe le sengwe. Sekeletsa seduti se se boketenyana.



Kwala gore go na le diboloko di le kae mo seduting kana setshelong sengwe le sengwe. Sekeletsa seduti se se botlhofonyana.



Bala gore go na le diboloko di le kae. Morago bereka gore go tlhokega diboloko tse dingwe di le kae go tshegetsa setshamekisi. Re go bolelela gore setshamekisi se bega diboloko di le kae.



0

1

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3

4

5

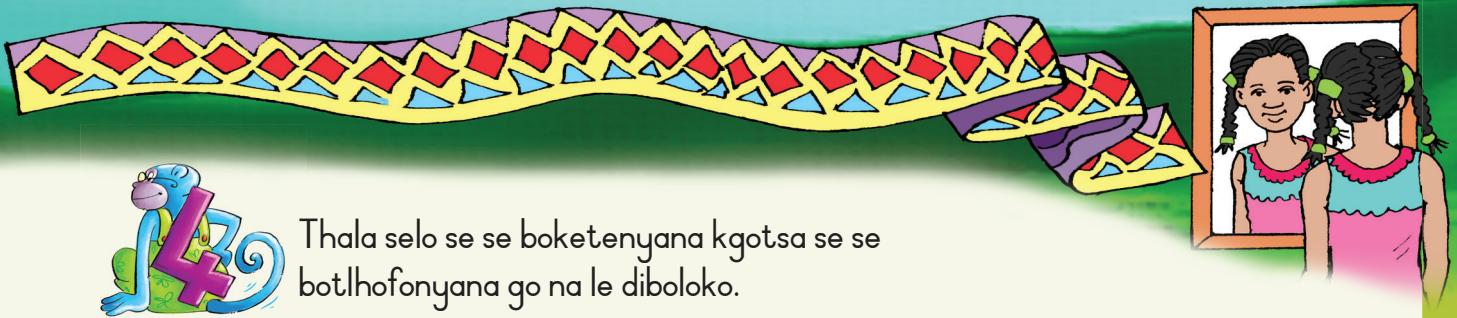
6

7

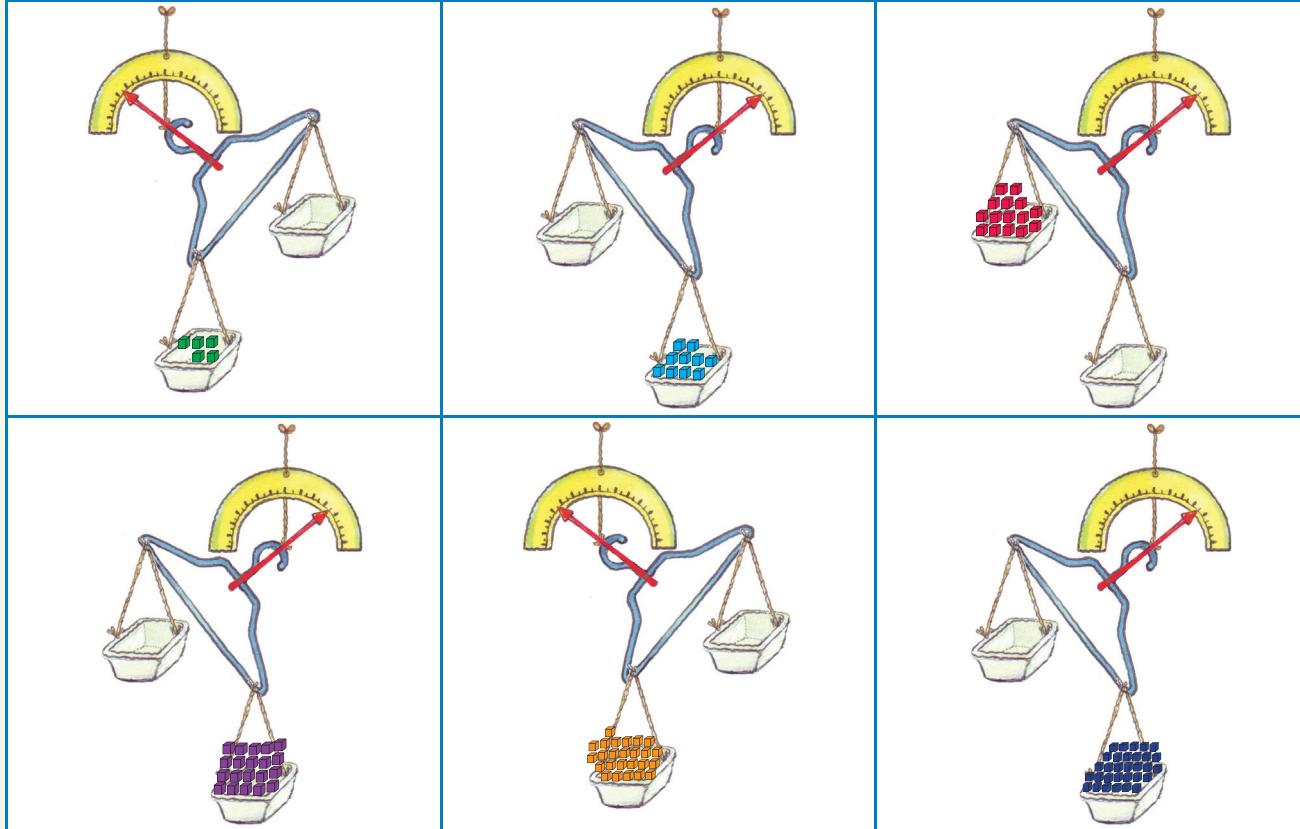
8

9

10



Thala selo se se boketenyana kgotsa se se
botlhofonyana go na le diboloko.

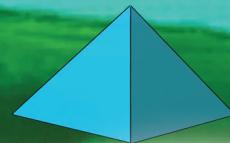
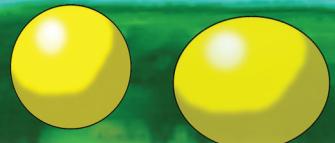
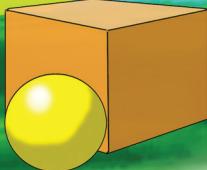


Dirisa dilo di le 5 mo tesekeng ya gago. Sa ntsha fopholetsa gore di bega
bokae mme morago o dibege mo sekaleng kgotsa mo balanseng go bona gore a
phopholetso ya gago e ne e nepagetse.

Thala selo	Fopholetsa	Mmase kana boima	Pharologano
	diboloko _____	diboloko _____	_____ - _____ = _____

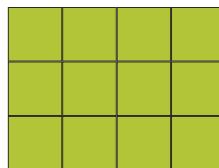


122

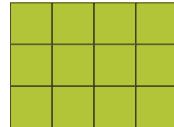
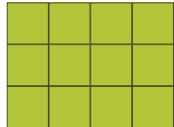


Araba tse di latelang:

Go na le dikwere dii le kae?

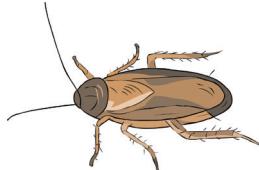


Jaanong go na le dikwere di le kae?

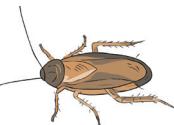
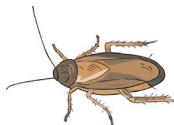


Ra re 12 gabedi ke 24.

Go na le maoto a le makae?



Jaanong go na le maoto a le makae?



Ra re 6 gabedi ke

Go na le disekitlele di le kae?



Jaanong go na le disekitlele di le kae?



Ra re 10 gabedi ke

Go na le malatsi a le makae mo bekeng?

S	M	T	W	T	F	S

S	M	T	W	T	F	S

Ra re 7 gabedi ke

Go na le dikheraeyone di le kae?

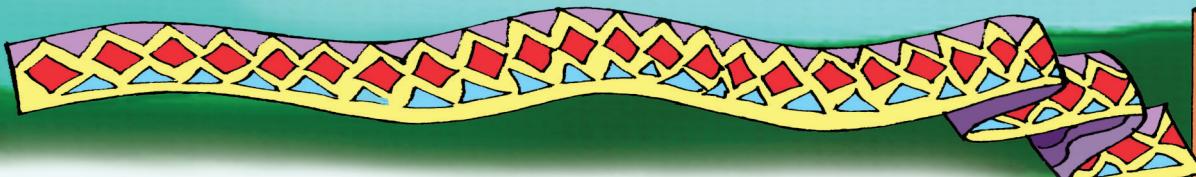


Jaanong go na le dikheraeyone di le kae?



Ra re 14 gabedi ke





Tlatsa karabo.

Fa o oketsa 4 gabedi ke	=	8
Fa o oketsa 10 gabedi ke	=	
Fa o oketsa 11 gabedi ke	=	
Fa o oketsa 2 gabedi ke	=	
Fa o oketsa 6 gabedi ke	=	



Tlatsa karabo.

Fa o oketsa pedi gabedi ke	nne
Fa o oketsa tharo gabedi ke	
Fa o oketsa nne gabedi ke	
Fa o oketsa tlhano gabedi ke	
Fa o oketsa thataro gabedi ke	
Fa o oketsa supa gabedi ke	

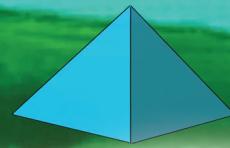
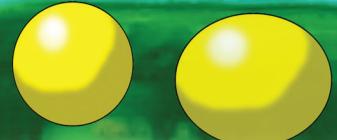
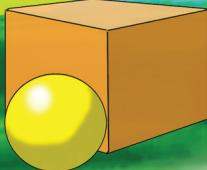


Feleletsa theibole kana lenaneo.

$9 + 9 + 1 =$	<input type="text"/>	kgotsa	Fa o oketsa $9 + 1$ gabedi =	<input type="text"/>
	<input type="text"/>	kgotsa	Fa o oketsa $8 + 1$ gabedi =	<input type="text"/>
$10 + 10 + 1 =$	<input type="text"/>	kgotsa		<input type="text"/>
$7 + 7 + 1 =$	<input type="text"/>	kgotsa	Fa o oketsa $7 + 1$ gabedi =	<input type="text"/>



123

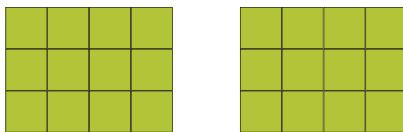


Go hafola

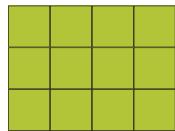


Araba tse di latelang:

Go na le dikwere dii le kae?

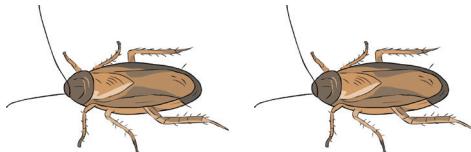


Jaanong go na le dikwere di le kae?

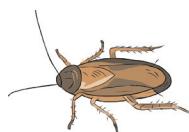


Ra re halofo ya 24 ke 12.

Go na le dmaoto a le makae?

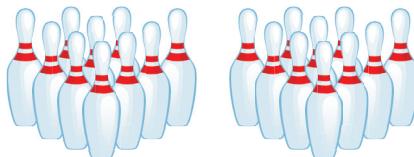


Jaanong go na le maoto a le makae?



Ra re halofo ya 12 ke

Go na le disekitlele di le kae?



Jaanong go na le disekitlele di le kae?



Ra re halofo ya 20 ke

Go na le malatsi a le makae mo dibekeng di le 2?

S	M	T	W	T	F	S

Go na le malatsi a le makae mo bekeng e le nngwe?

S	M	T	W	T	F	S

Ra re halofo ya 14 ke

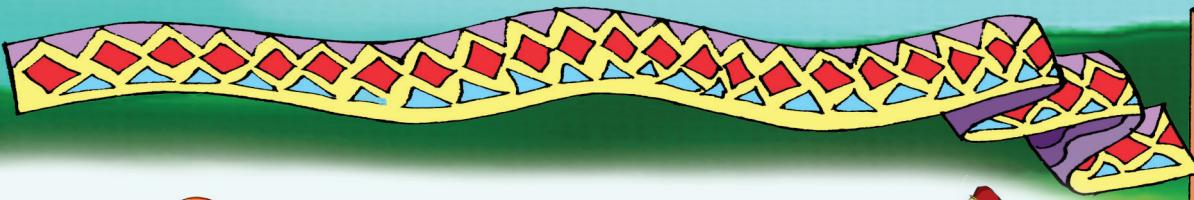
Go na le dikheraeyone di le kae?



Jaanong go na le dikheraeyone di le kae?



Ra re halofo ya 16 ke



Tlatsa karabo.

Halofo ya 8	=	4
Halofo ya 10	=	
Halofo ya 6	=	
Halofo ya 12	=	
Halofo ya 14	=	



Tlatsa karabo.



Halofo ya nne ke	pedi
Halofo ya thataro ke	
Halofo ya pedi ke	
Halofo ya robedi ke	
Halofo ya lesome ke	



Tlatsa karabo.



Halofo ya 10 ke	5
Halofo ya 12 ke	
Halofo ya 14 ke	
Halofo ya 16 ke	
Halofo ya 18 ke	

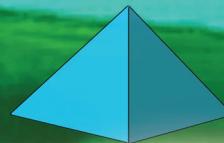
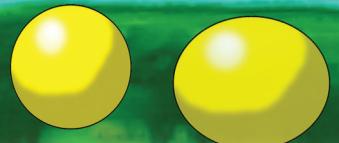
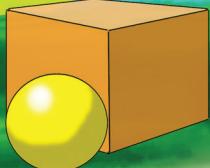


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11 12 13 14 15 16 17 18 19 20

I24

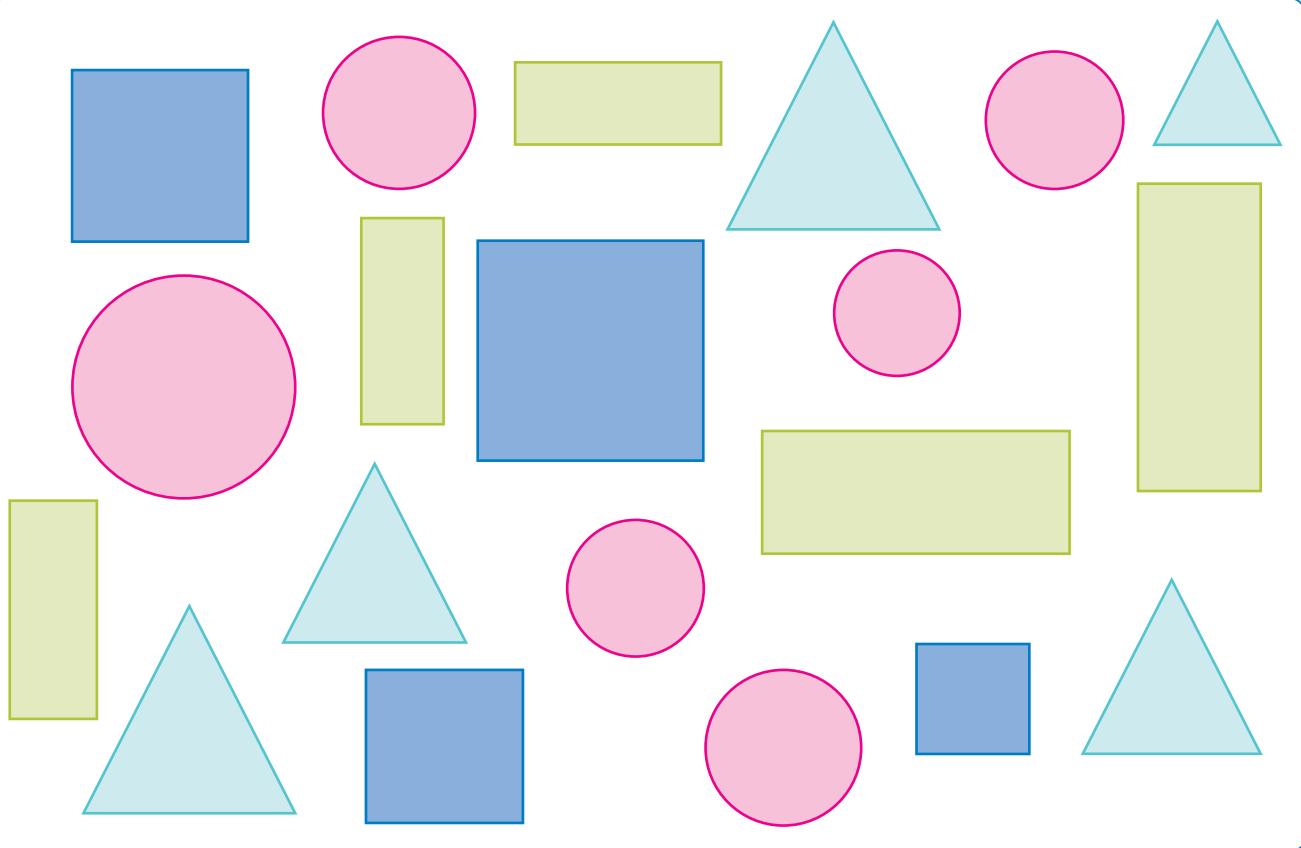


Kgweditharo 4



Bala gore go na le dibopego tse di farologaneng di le kae, mme morago o
arabe dipotso.

Tshedimosetso



1. Go na le dikwere di le kae?

2. Go na le dikhutlotharo di le kae?

3. Go na le dikhutlonnetsepa di le kae?

4. Go na le disele kana didiko di le kae?



I20

0

1

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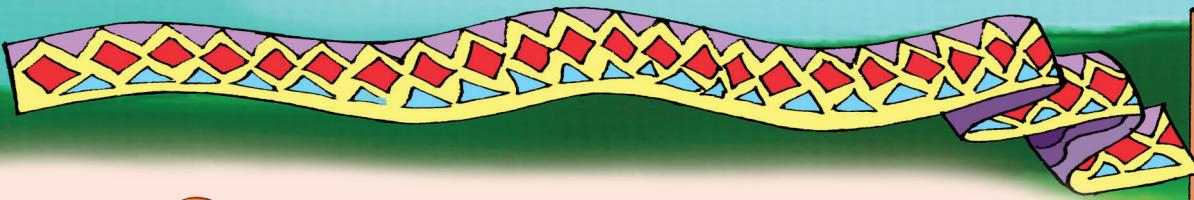
6

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10



Maungo a a tlhophilwe ke ditsala tsa gago di le 20. Tlhaola maungo mme o thale mo kerafong ya ditshwantsho tsa maungo a o a tlhaotseng mme morago o arabe dipotso tse di fa tlase.



Leungo

Senotlolo =

Seterooberi	Apole	Pyere	Panama	Namune

Ke bana ba bakae ba ba ratang diterooberi?

Ke bana ba bakae ba ba ratang diapole?

Ke bana ba bakae ba ba ratang dipyere?

Ke bana ba bakae ba ba ratang dipanana?

Ke bana ba bakae ba ba ratang dinamune?

Bana ba rata leungo lefe thata?

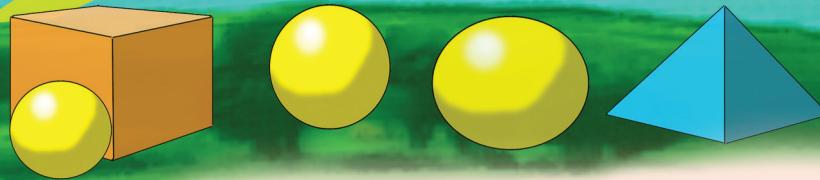
Bana ba rata leungo lefe go le gonne?



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Tshedimosetso e nngwe

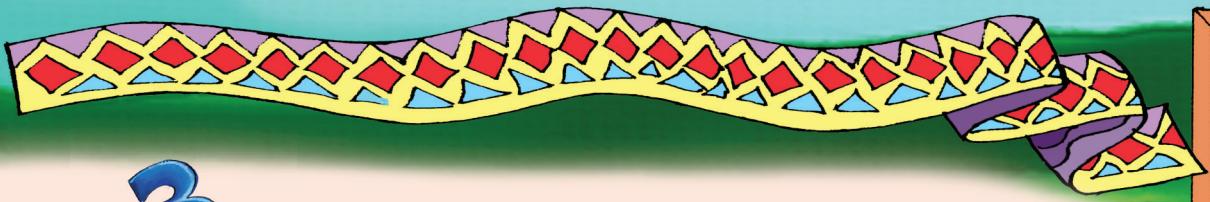


Bana mo phaposiborutelong ba na le ditshamekisi tse di latelang.
Ba na le mofuta mongwe le mongwe e le mekae?



Feleletsa lenaneo.

Setshamekisi	Palo
Dimpopo	
Ditoroko	
Dithedibera	
Diroboto	

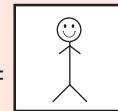


Feleletsa kerafo ya ditshwantsho ka go thala palo e e
siameng ya ditshwantsho ya motho yo o kgomaretsang wa
mofuta mongwe le mongwe wa setshamekisi.

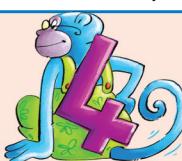


Ditshamekisi tse re nang le tsona

Senotlolo =



Dimpopo	Ditoroko	Dithedibera	Diroboto



Araba dipotso. Lebelela kerafo ya ditshwantsho go go thusa.

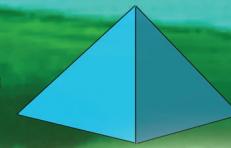
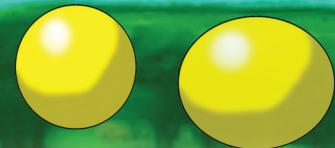
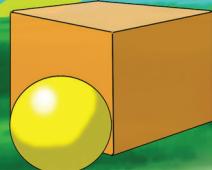
Ke bana ba bakae ba ba nang le dimpopo?	
Ke bana ba bakae ba ba nang le ditoroko?	
Ke bana ba bakae ba ba nang le dithedibera?	
Ke bana ba bakae ba ba nang le diroboto?	
Ke setshamekisi sefe se se ratiwang thata?	
Ke setshamekisi sefe se se sa ratiweng thata?	



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Date:



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Re lekanyetsa dieledi jang? Thala mola go nyalanya selwana le sedirisiwa sa go lekanyetsa se se nepagetseng.

Mothamo



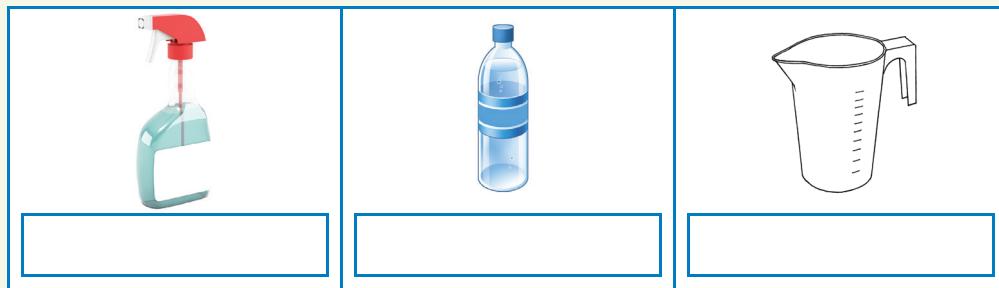
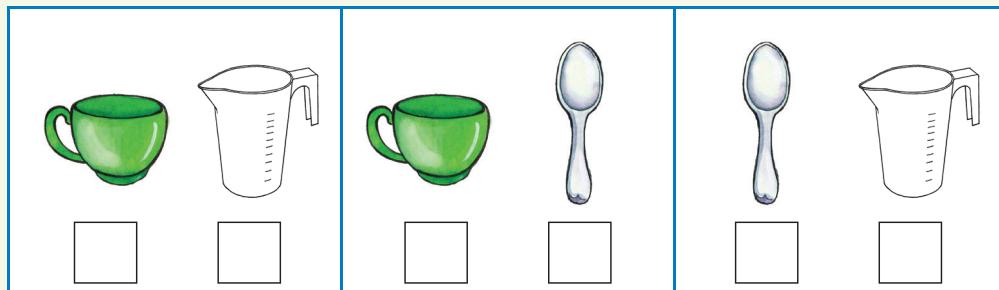
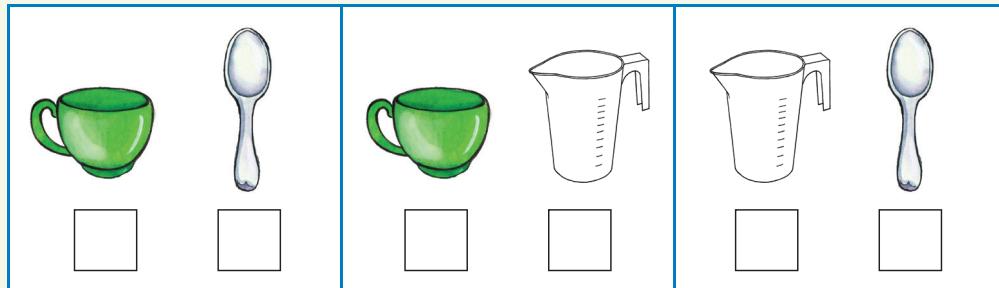
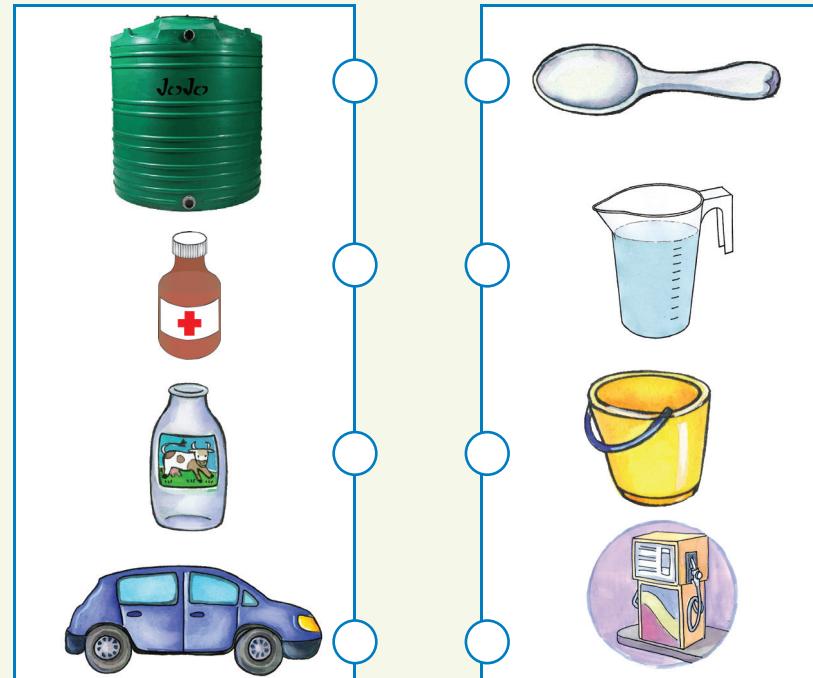
Tshwaya seduti kana setshelo se se tlaa tsholang bonnye.

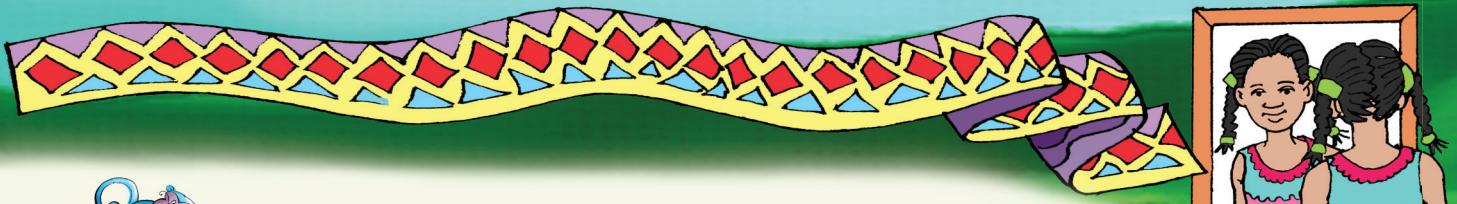


Tshwaya seduti kana setshelo se se tlaa tsholang bonnye.



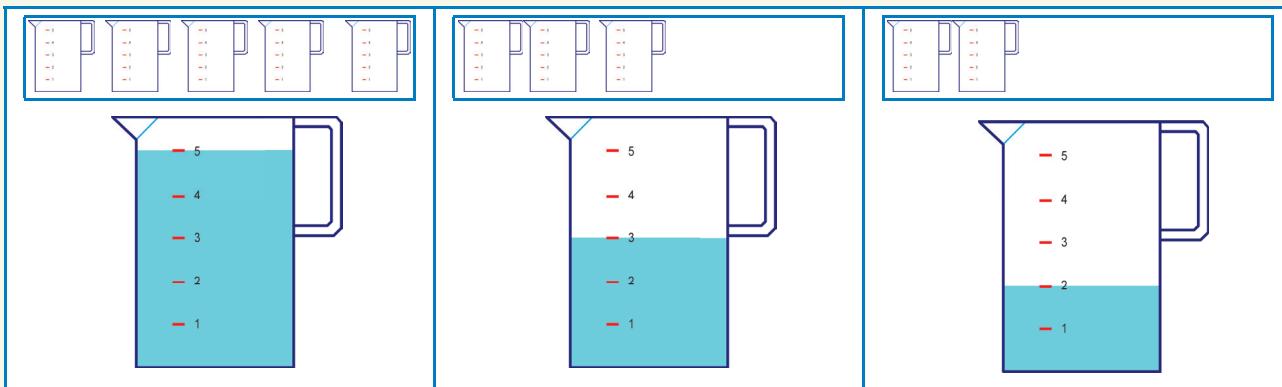
A diduti kana ditshelo di tletse kgots adi lolea?



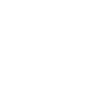


O tlhoka dikopi di le tlhano go tlatsajeke e le nngwe.

O tlhoka dikopi tse dingwe di le kae go tlatsa dijeke tse dingwe tse pedi?
Di thale.



Khalara bogolo jo bo siameng jwa seeledi.

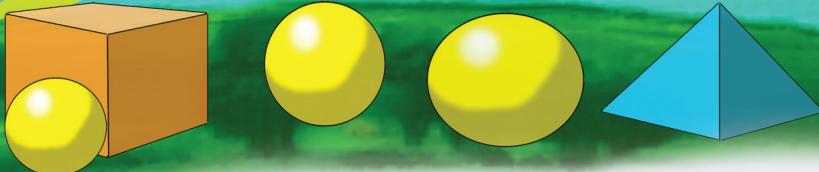
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	$+$		$=$	
	$+$		$=$	



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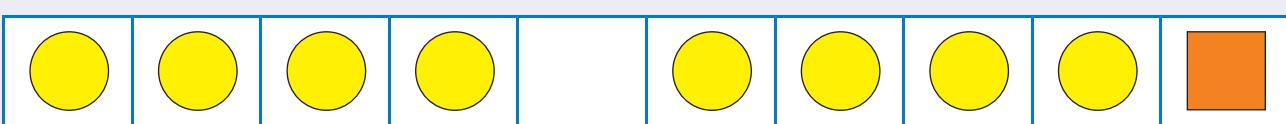
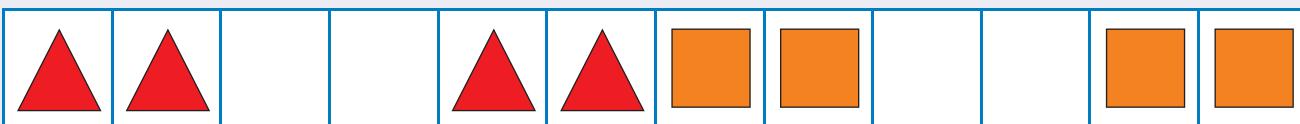
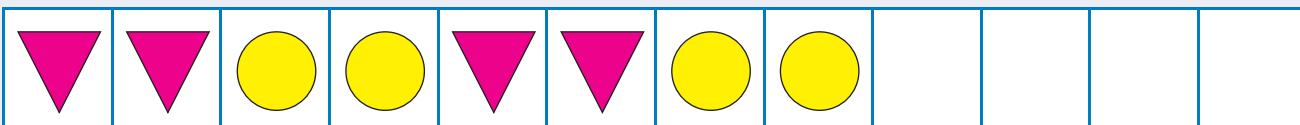
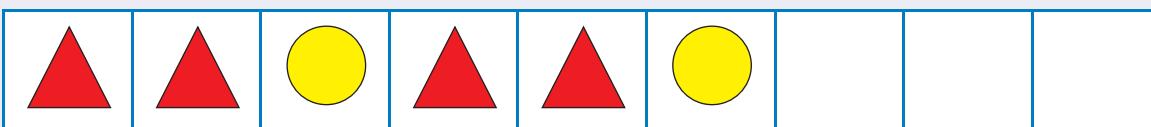
I27

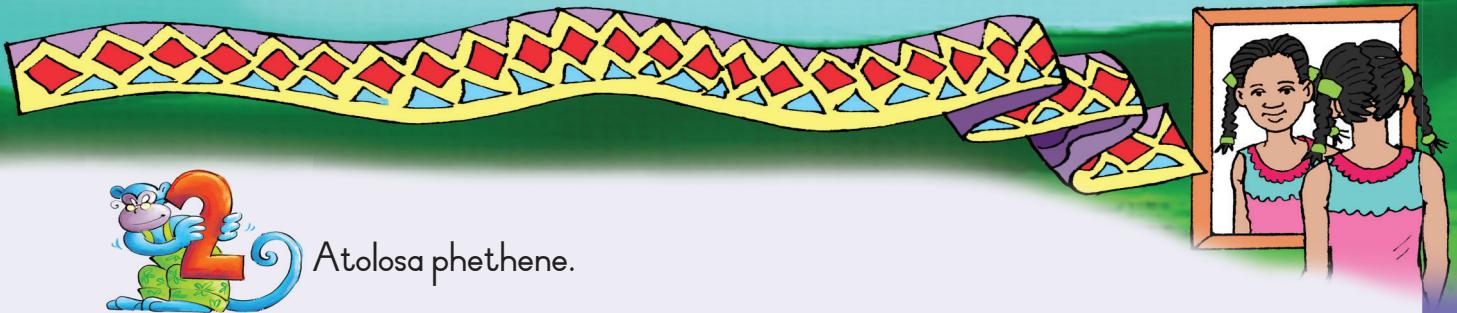


Diphethene tsa jiometeri

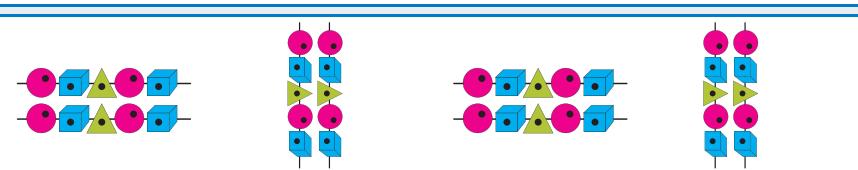
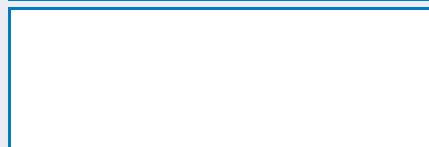
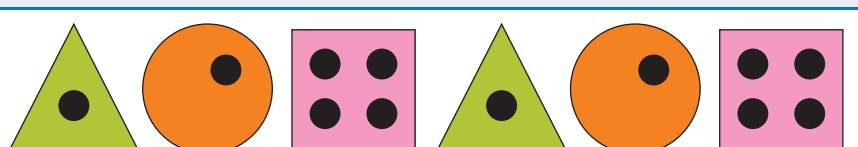
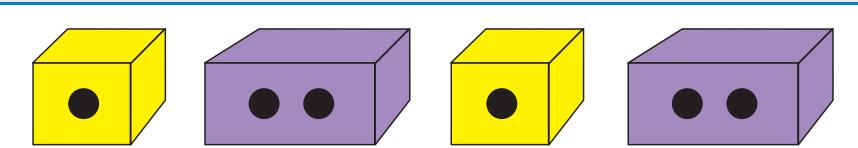
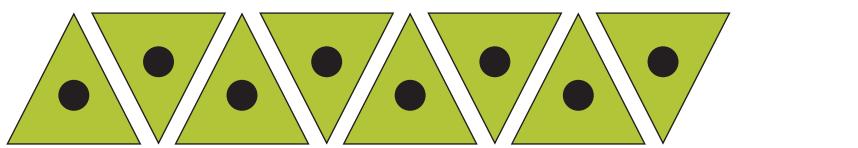


Feleletsa diphethene.

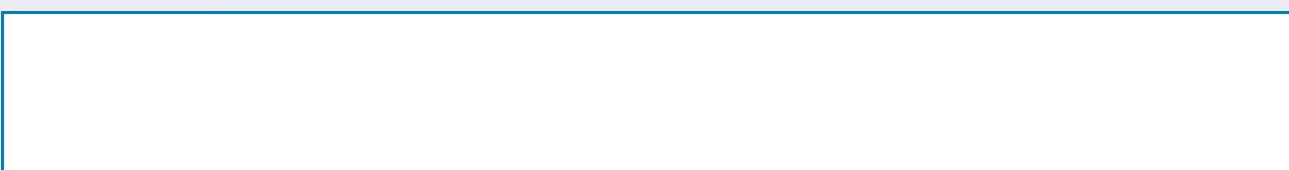




Atolosa phethene.



Itlhamele diphethene tsa gago o dirisa didiko, dikwere le dikhutloharo.

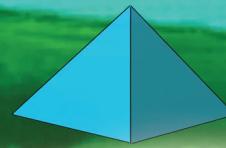
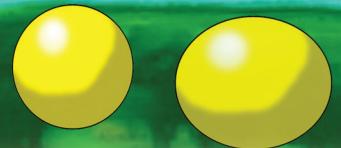
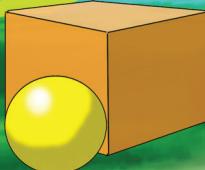


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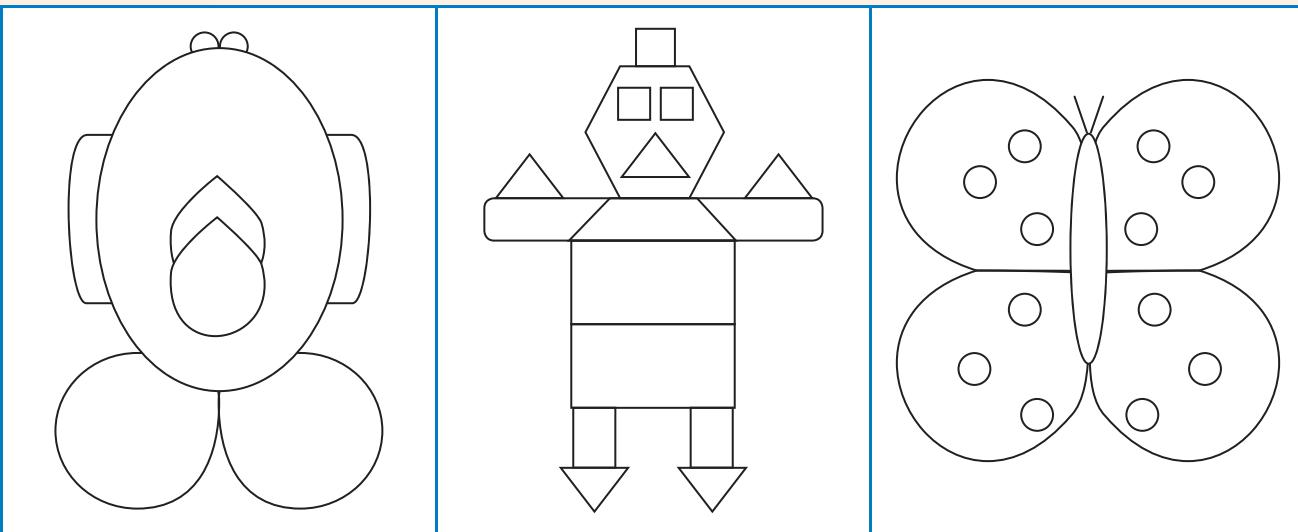


Kgweditharo 4

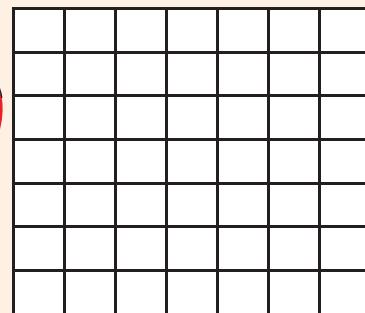
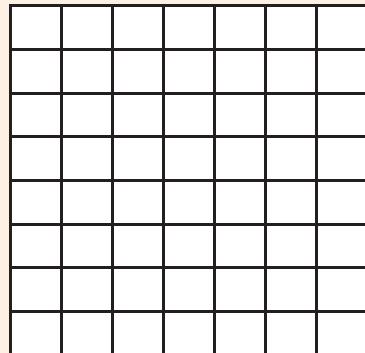
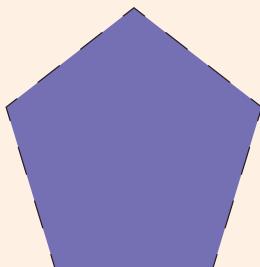
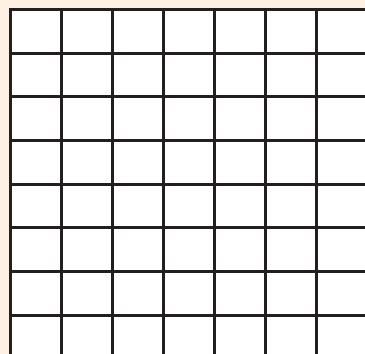
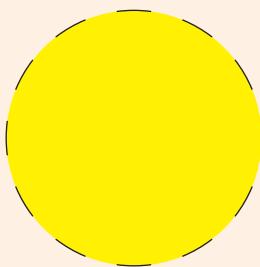
Tekatekano



Thala mola wa tekatekano o o kagoganyang setshwantsho ka dihalofo tse pedi tse di lekanang.

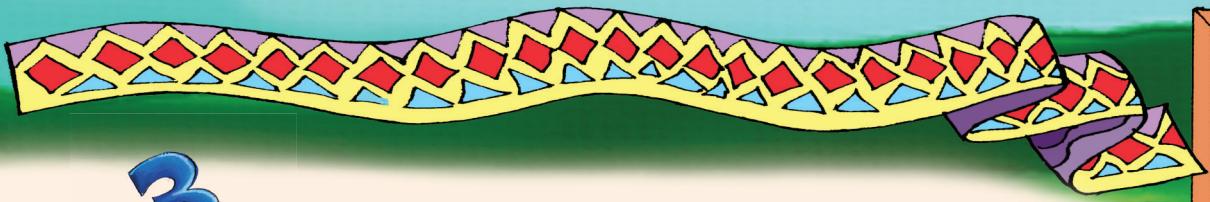


Kopolola ddibopego, mme morago o thale mola wa tekatekano.

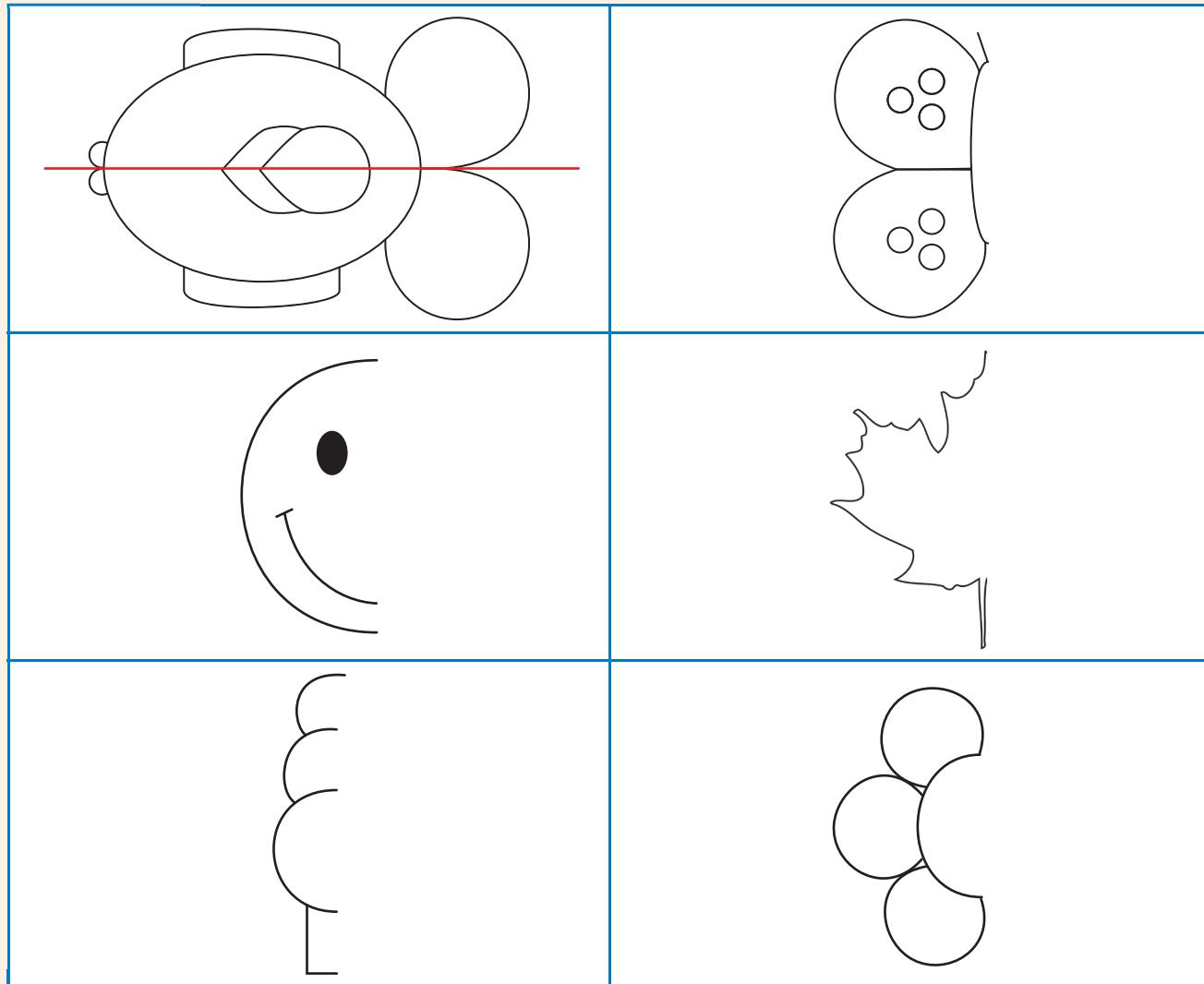


I28

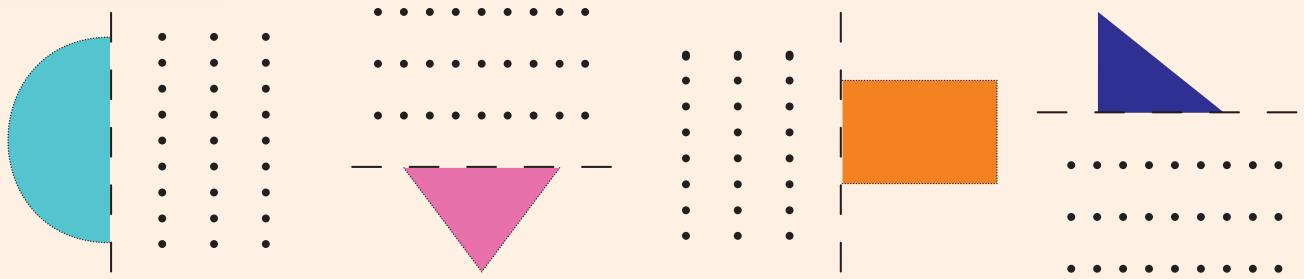
0 1 2 3 4 5 6 7 8 9 10



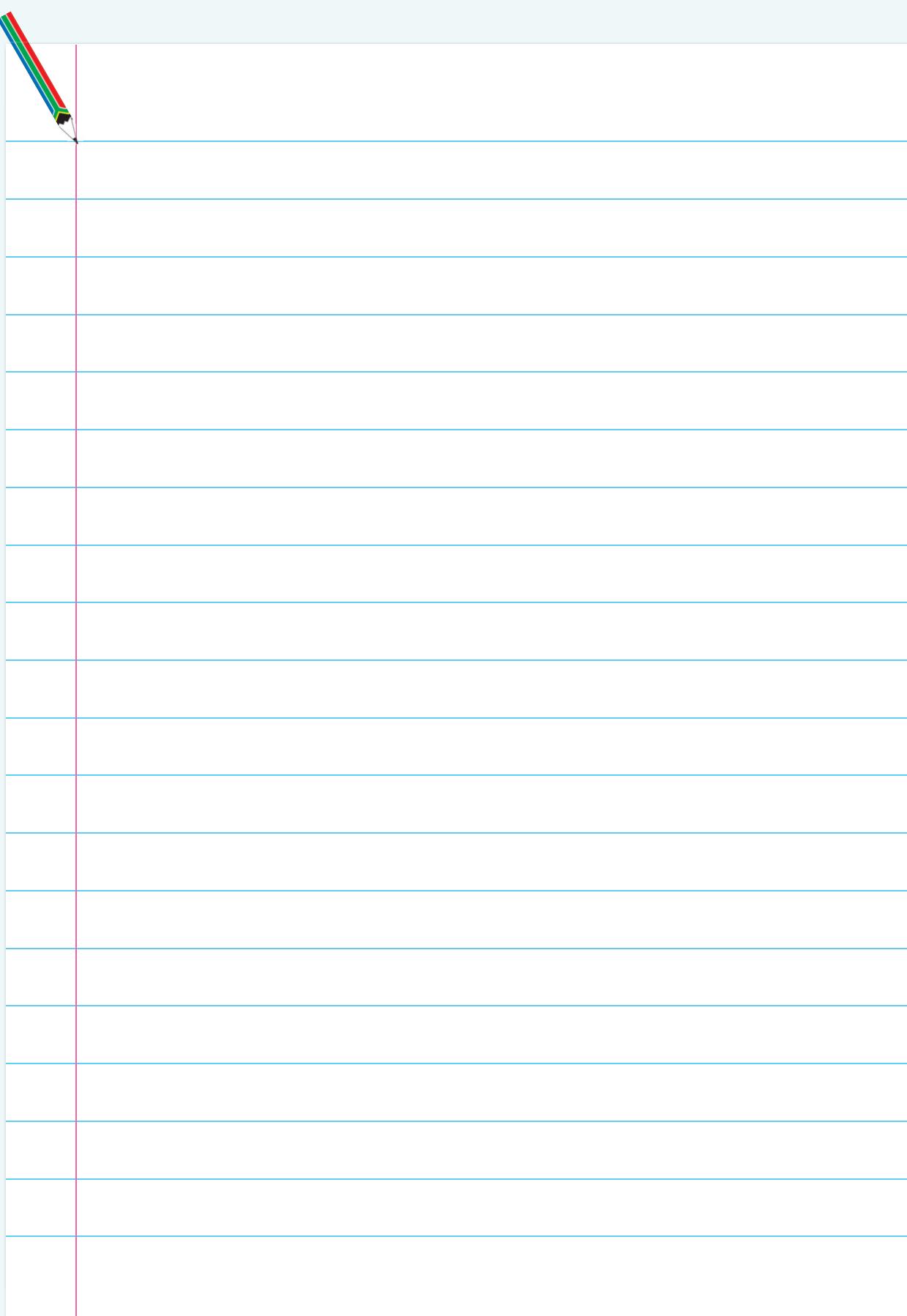
Feleletsa setshwantsho ka go thala halofo e nngwe e e
tshwanang tshwani.



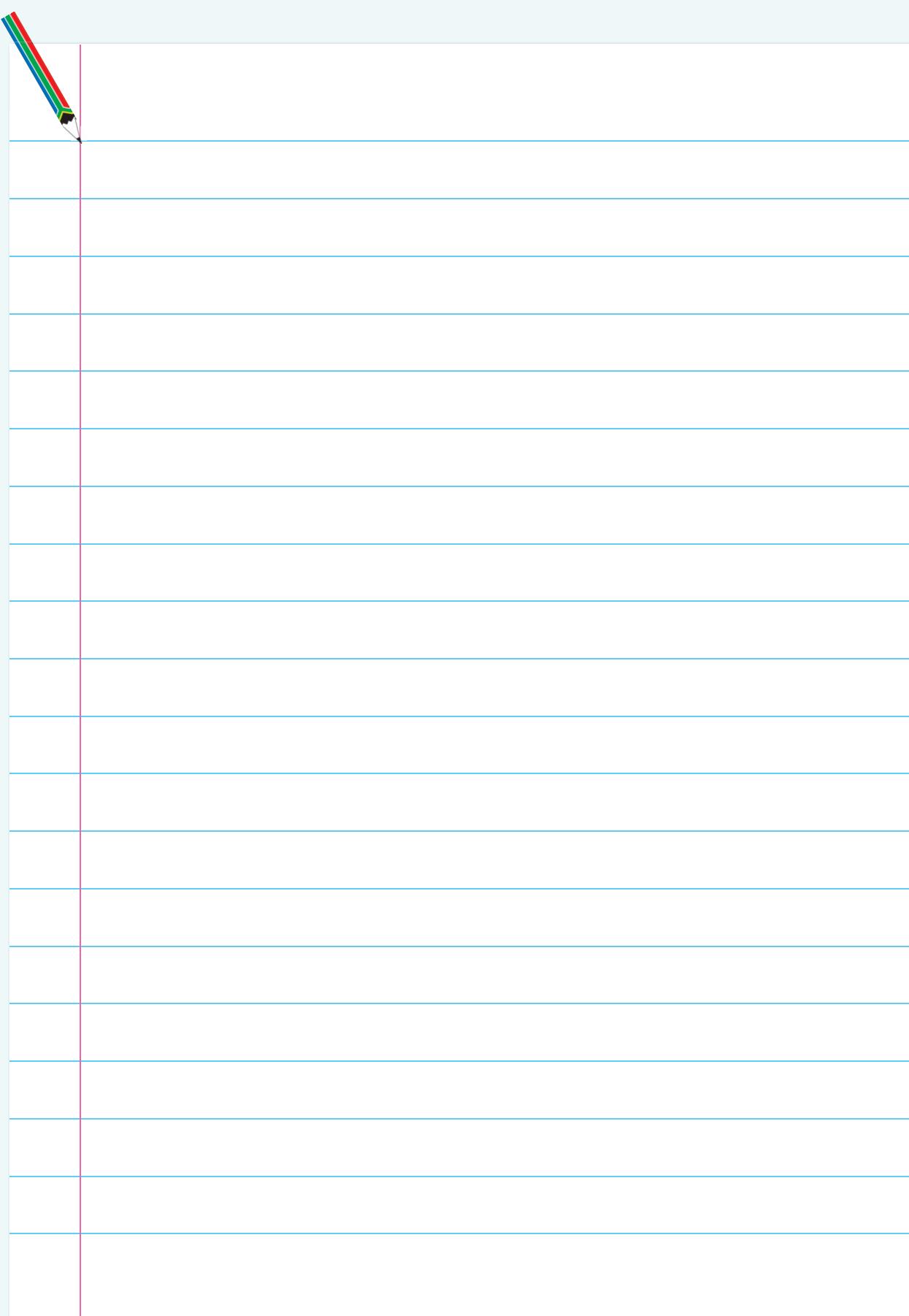
Thala halofo e nngwe ya sebopego.



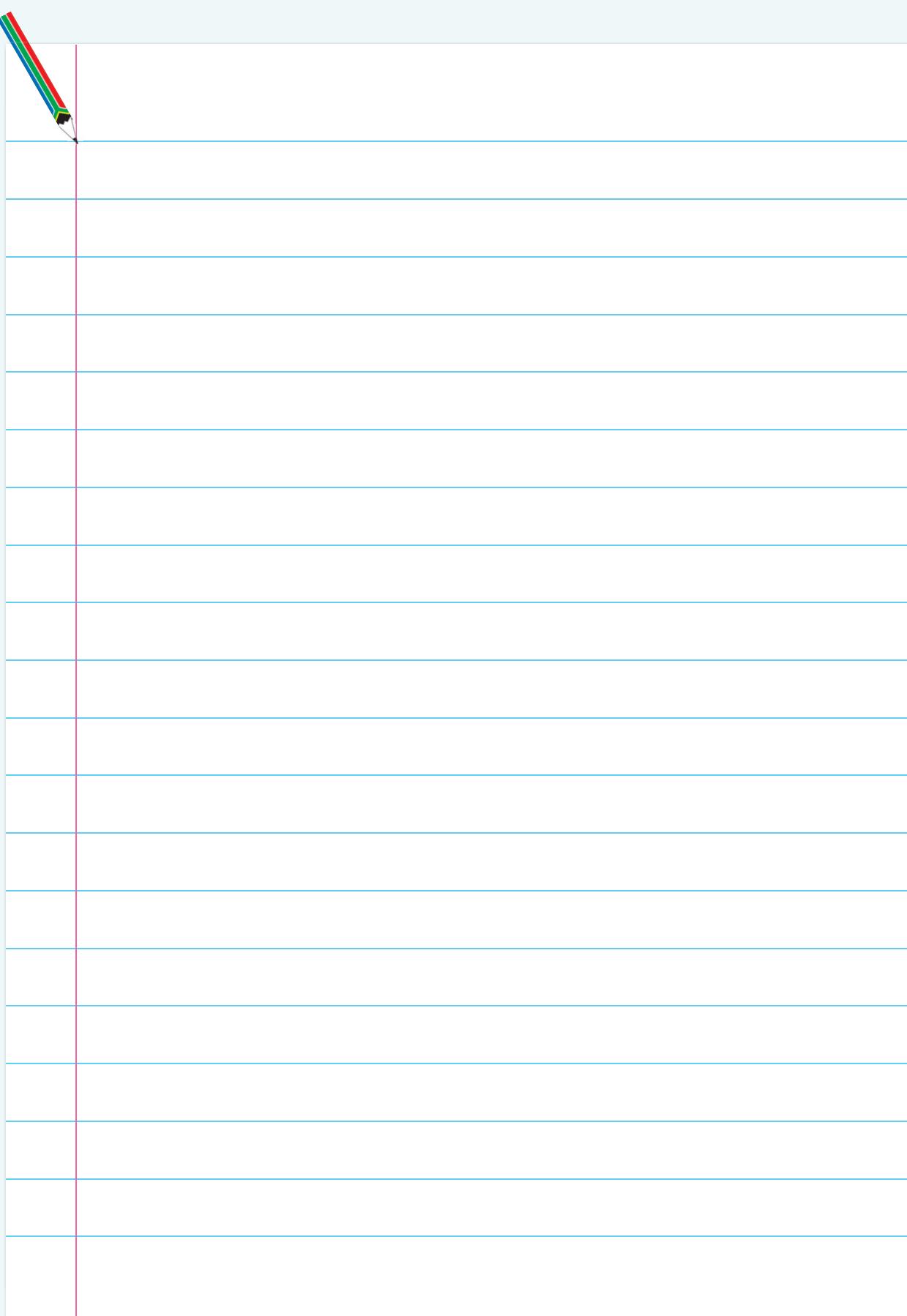
Dintlha



Dintlha

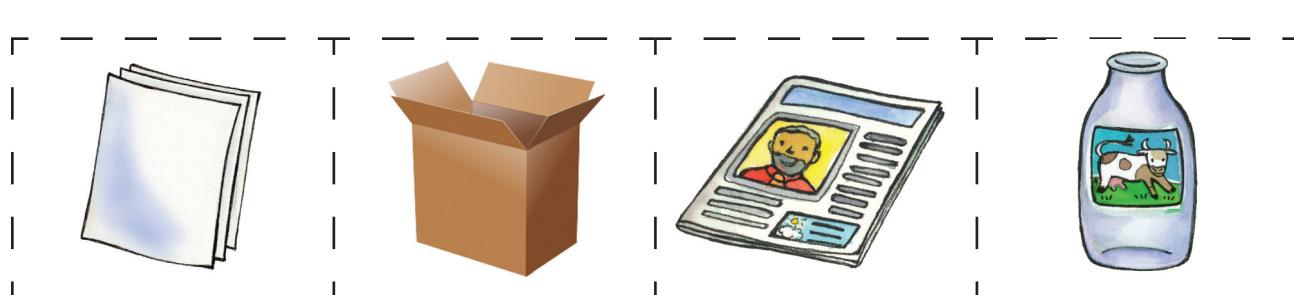
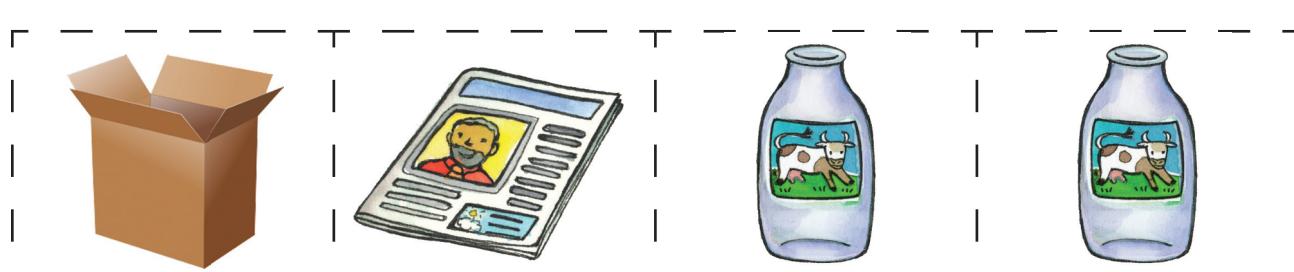
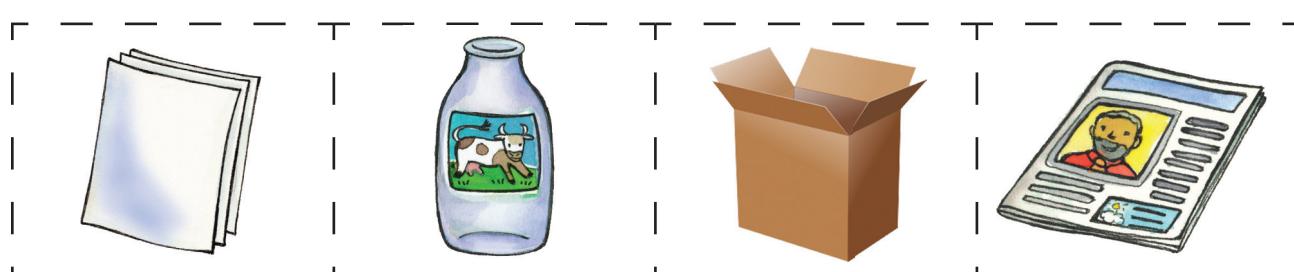
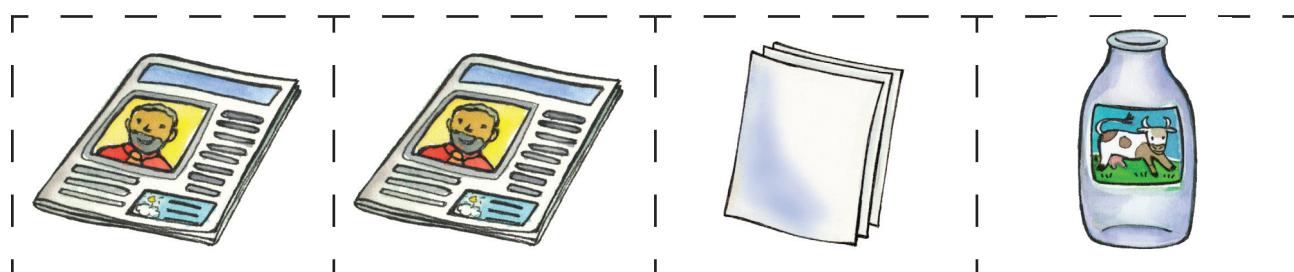
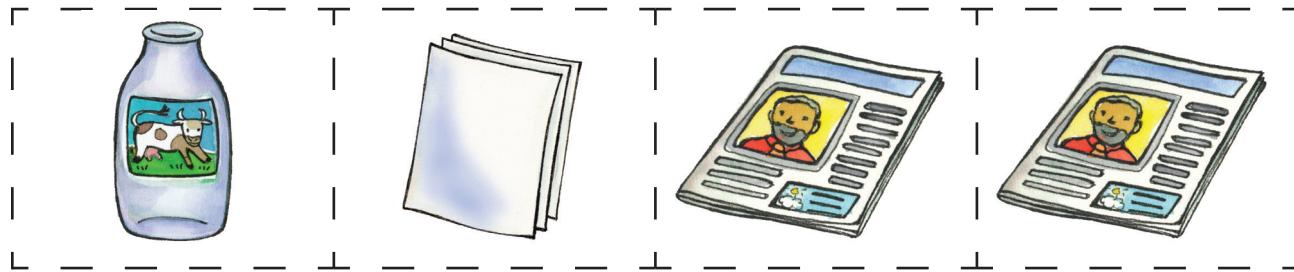


Dintlha



Cut-out 1

Worksheet 79





Cut out cards 2

Worksheet 83

45	50	40	40	30	35
-	-	-	-	-	-

Worksheet 84

70	65	75	80	70	60
-	-	-	-	-	-

Worksheet 93

34	46	40	44	36	50	32
-	-	-	-	-	-	-
42	48	38				
-	-	-				
62	74	66	68	64	76	80
-	-	-	-	-	-	-
						72
						78

Worksheet 115

72	78	82	84	86	74	80
-	-	-	-	-	-	-
76	88	90				
-	-	-				

Worksheet 119

62	72	64	74	86	66	78	80	68
-	-	-	-	-	-	-	-	-
82	94	86	90	84	96	100		
-	-	-	-	-	-	-		
92	98	88						
-	-	-						

