

MATHEMATICS IN SESOTHO  
GRADE 1 – BOOK 2  
TERMS 3 & 4  
ISBN 978-1-4315-0131-1  
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7th Edition

ISBN 978-1-4315-0131-1



Ho ithuta ka Molaotheo wa Riphaboliki ya Afrika Borwa (1996)

Molaotheo wa Afrika Borwa (1996) o tshwere melao e phahameng ya naha. Melao ena e phahame ho feta mpoporesidente, e phahame ho feta makgotla a dinyewe, e phahame ho feta mmuso.

E hlosa kamoo baahi ba naha ba tshwanetseng ho tshwarana kateng, le hore ditokelo tsa bona mmoho le boikarabelo ho e mong ke bofie. Molaotheo o moo ho re tshireletsa bohole ha jwale, le ho sireletsa bana ba rona nakong e tlang.

**Ela hloko ka nako e fetileng ya rona.**

**Ha re se pheteng diphoso tsa nako e fetileng.**

**Molaotheo wa rona ore thusa ho akanya le ho aha bokamoso bo molemo ho bohole.**

Rona, baahi ba Afrika Borwa,  
Re elellwa tshwarompe ya nako e fetileng;  
Re Tlotla ba hlokofaditsweng bakeng sa toka le tokoloho lefatsheng la bo rona;  
Re Hlompha ba sebeditseng ho aha le ho tswellisa pele naha ya rona; mme  
Re a Dumela hore Afrika Borwa key a bohole ba phelang ho yona,  
re kopane ho fapaneng ha rona.  
Kahoo, ka baemedi ba rona bao re ikgethetseng bona, re amohela  
Molaotheo ona jwaloka molao wa—  
Riphaboliki ho Fodisa ho arohana ha nako e fetileng le ho aha setjhaba se  
itshetlehileng hodima boleng ba demokerasi, tokelo tsa baahi le metheo ya  
ditokelo tsa botho;  
Ho beha motheo wa demokerasi le botjhaba bo bulehileng moo mmuso o  
thehilweng ho ya ka thato ya baahi mme moahi ka mong a tshireleditswe ka ho  
lekana ke molao;  
Ho ntlatfatsa boleng ba bophelo ba baahi bohole le ho neha bokgoni ba moahi a  
mong monyetla; le  
Ho Aha Afrika Borwa e kopaneng ya demokerasi e tla kgona ho nka sebaka sa  
yona e le mmuso wa kakaretso hara malapa a matjhaba.

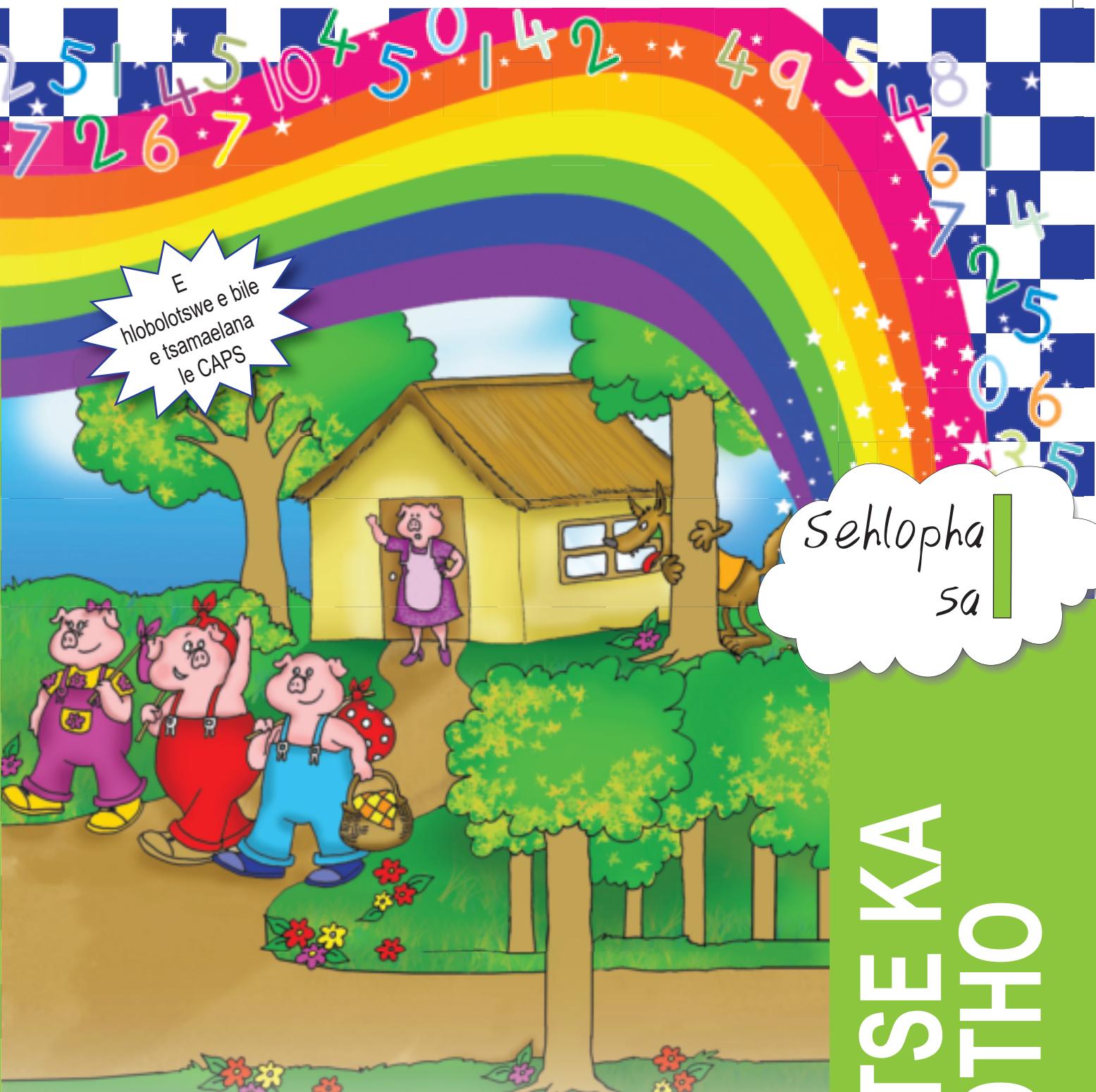
**Batla ditokelo tsa hao o le moAfrika Borwa mme o be le boikarabelo ba ho tshireletsa ditokelo tsa ba bang.**

**Tseba sa Ditokelo le Setshwantsho sa Boikarabelo.**

Eka Modimo O ka tshireletsa batho ba rona.  
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.  
God seën Suid-Afrika. God bless South Africa.  
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

MMETSE KA SESOTHO – Sehlopha sa | Buka ya 2

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Phaposi:



basic education  
Department:  
Basic Education  
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MMETSE KA SESOTHO  
Buka ya 2

Kotara ya  
3 & 4

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



Mofumahadi Angie  
Motshikga, letona la  
Lafapha la Thuto ya  
Motheo.



Mong. Enver Surty,  
Mot atsi wa Letona la  
Thuto ya Motheo.

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

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

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

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

Re le lakalletsa katleho ho sebediseng dibuka tsena tsa tshebetso.



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Kereiti  
ya



M m e t s e

KA SESOTHO

Buka ena ke ya:



SESOTHO

Buka ya

2

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

65

Kotara ya 3

Kwetlisa ho ngola dinomoro.



nngwe

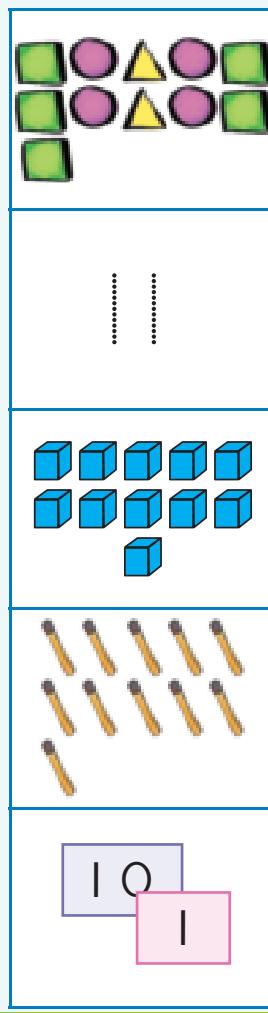
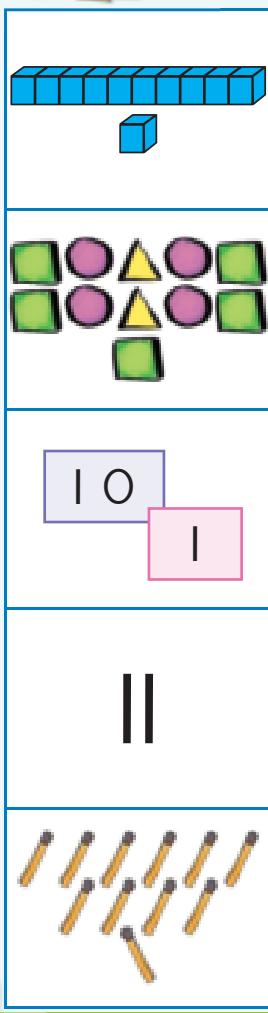
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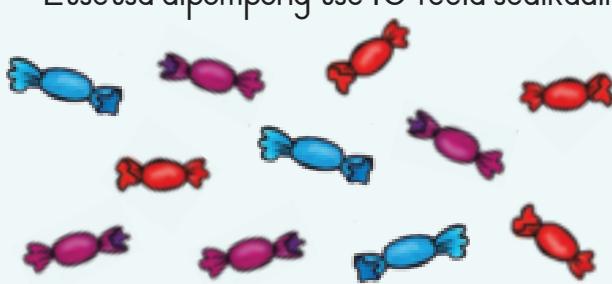
pedi



Nyalanya ditshwantsho.

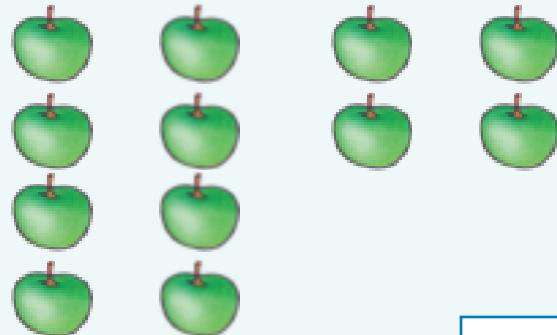


Etsetsa dintho sedikadikwe.



Ho setse dipompong tse kae?

Etsetsa diapole tse 10 feela sedikadikwe.



Ho setse diapole tse kae?

2

0

1

2

3

4

5

6

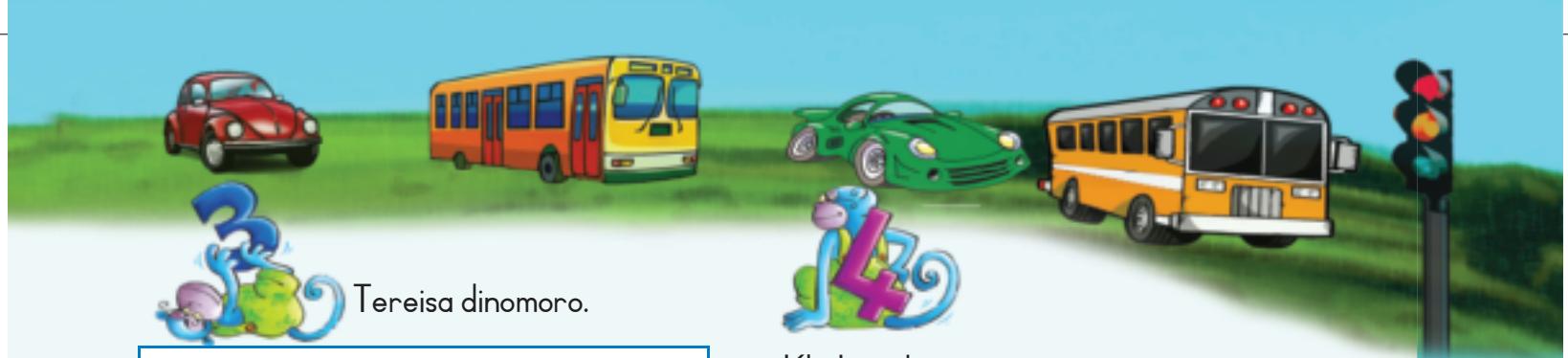
7

8

9

10

Letsatsi:



Tereisa dinomoro.

leshome le motso o le mong			



Kholomo ka  
nngwe e etse II.  
Tlatsa dinomoro  
tse siilweng.

3	5	4
4	5	
4		2
II	II	II



Taka dintho tse II.



Tlatsa dinomoro tse siilweng.



Bala dintho.







Phethela tafole. Mola ka mong o na le  
setshwantsho, nomoro le lentswe la nomoro eo.



Ke eng e tlaase ho II ka  
nngwe? \_\_\_\_\_

 		leshome le motso o le mong
		leshome le motso o le mong
II		
	leshome le motso o le mong	



66



Kotara ya 3

## Utlwisia palo 12

Boikgopotso:

Kwetlisa ho ngola dinomoro.



tharo

3 3

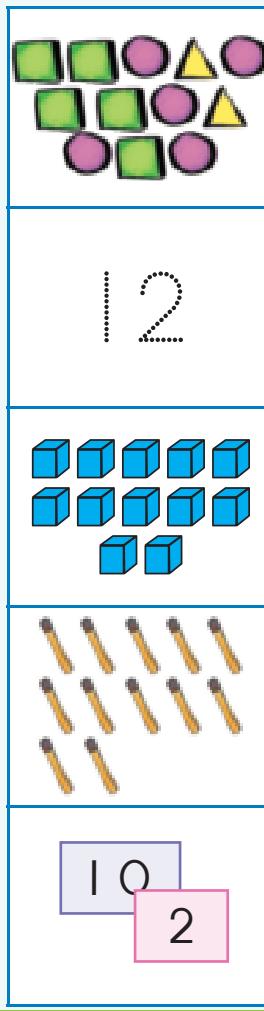
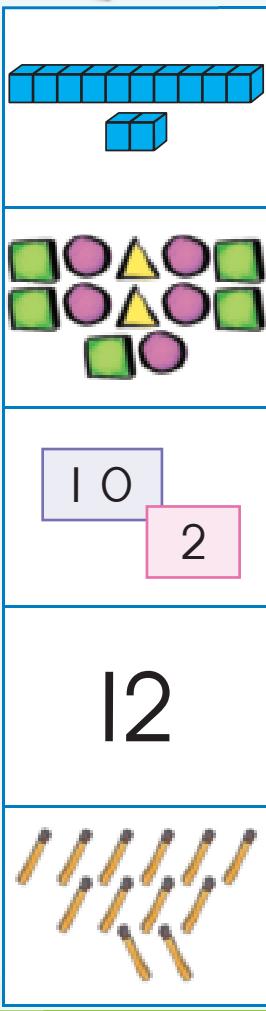


nne

4 4



Nyalanya ditshwantsho.



Etsetsa dintho sedikadikwe.



Ho setse dieta tse kae?

Etsetsa dikgetla tse 12 feela sedikadikwe.



Ho setse dikgetla tse kae?



0

1

2

3

4

5

6

7

8

9

10



Tereisa dinomoro.

12	12	12	12
leshome le metso e mmedi			
12	12	12	12



Kholomo ka  
nngwe e etse 12.  
Tlatsa dinomoro  
tse siilweng.

	7	6
4		4
3	2	
12	12	12



Taka dintho tse 12.



Tlatsa dinomoro tse siilweng.

3			5			
8				11		



Bala dintho.







Phethela tafole. Mola ka mong o na le  
setshwantsho, nomoro le lentswe la nomoro eo.



Ke eng e tlaase ho 12 ka  
nngwe? \_\_\_\_\_

		leshome le metso e mmedi
	12	leshome le metso e mmedi
		12
	leshome le metso e mmedi	

Ke eng e kgolo ho 12 ka  
nngwe? \_\_\_\_\_



67



## Utlwisia palo l3

Boikgopotso:

Kwetlisa ho ngola dinomoro.



hlano

5 5

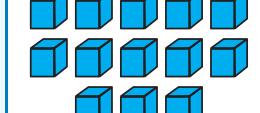
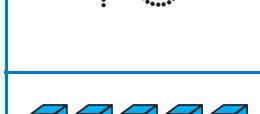
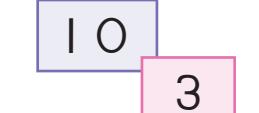
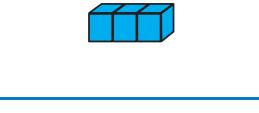
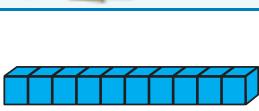


tshelela

6 6



Nyalanya ditshwantsho.

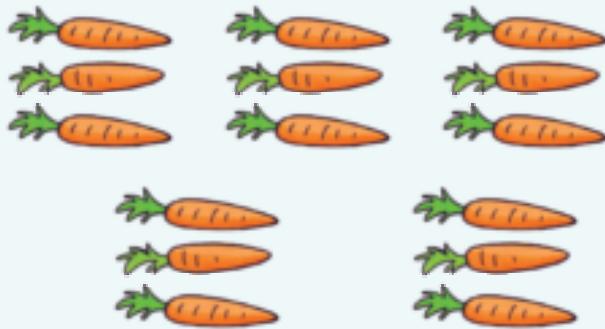


Etsetsa dintho sedikadikwe.



Ho setse dikatse tse kae?

Etsetsa dihwete tse l3 feela sedikadikwe.



Ho setse dihwete tse kae?

6

0

1

2

3

4

5

6

7

8

9

10



Tereisa dinomoro.

13	13	13	13
----	----	----	----

leshome le metso e meraro

13	13	13	13
----	----	----	----



Kholomo ka  
nngwe e etse 13.  
Tlatsa dinomoro  
tse siilweng.

1	2	6
1		
	3	2
13	13	13



Taka dintho tse setseng.

Jwale di take ka tsela e fapaneng.

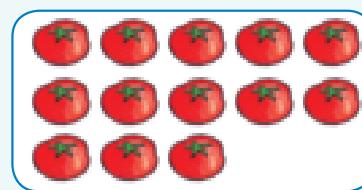


Tlatsa dinomoro  
tse siilweng.

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



Bala dintho.



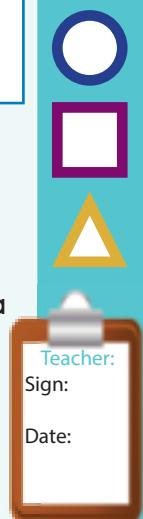
Phethela tafole. Mola ka mong o na le  
setshwantsho, nomoro le lentswe la nomoro eo.



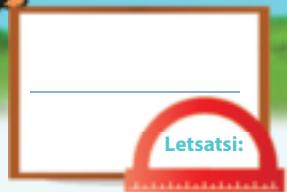
		leshome le metso e meraro
	13	leshome le metso e meraro
13		
	leshome le metso e meraro	

Ke eng e tlaase ho 13 ka  
nngwe? \_\_\_\_\_

Ke eng e kgolo ho 13 ka  
nngwe? \_\_\_\_\_



68



Kotara ya 3

## Utlwisia palo 14

Boikgopotso:

Kwetlisa ho ngola dinomoro.



supa

7 7

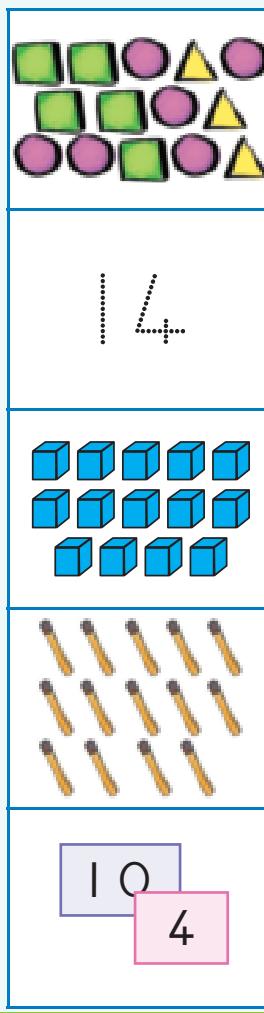
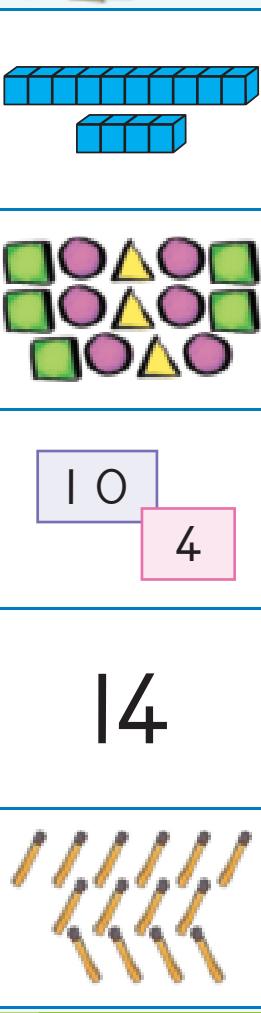


robedi

8 8



Nyalanya ditshwantsho.



Etsetsa dintho sedikadikwe.



Ho setse dirurubele tse kae?

Etsetsa mese e 14 feela sedikadikwe.



Ho setse mese e mekae?

8

0

1

2

3

4

5

6

7

8

9

10



Tereisa dinomoro.

| 4 | 4 | 4 | 4

leshome le metso e mene

| 4 | 4 | 4 | 4



Kholomo ka  
nngwe e etse |4.  
Tlatsa dinomoro  
tse silweng.

1		2
	5	1
3	2	
4	4	4



Taka dintho tse |4.

Jwale di take ka tsela e fapaneng.



Bala dintho.







Phethela tafole. Mola ka mong o na le  
setshwantsho, nomoro le lentswe la nomoro eo.



Ke eng e tlaase ho |4 ka  
nngwe? \_\_\_\_\_

	4	leshome le metso e mene
4		
	leshome le metso e mene	



Teacher:  
Sign:  
Date:

69

Kotara ya 3



Letsatsi:

## Utlwisia palo 15

Boikgopotso:

Kwetlisa ho ngola dinomoro.



q q



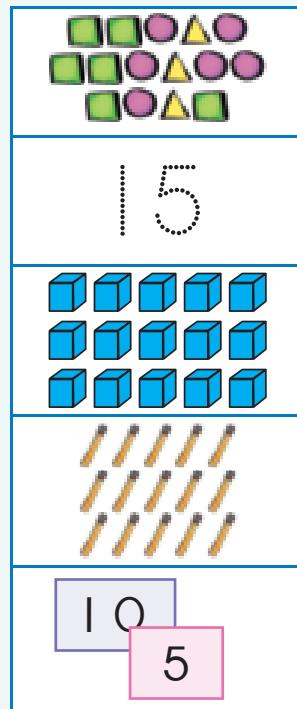
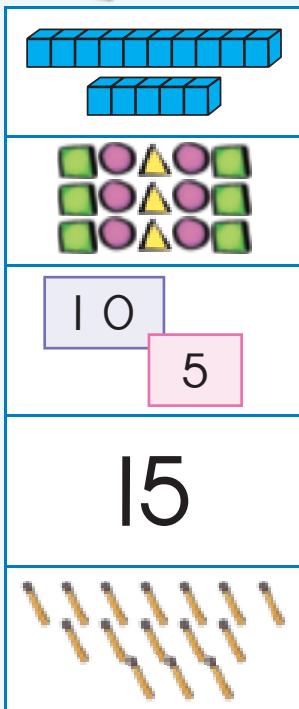
10 10



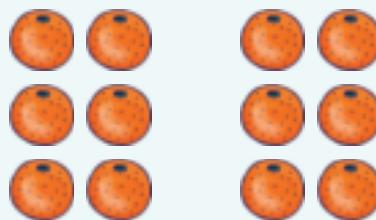
Nyalanya ditshwantsho.



Etsetsa dintho sedikadikwe.



Etsetsa dilamunu tse 10 feela sedikadikwe.



Ho setse dilamunu tse kae?

Etsetsa dinaledi tse 15 feela sedikadikwe.



Ho setse dinaledi tse kae?

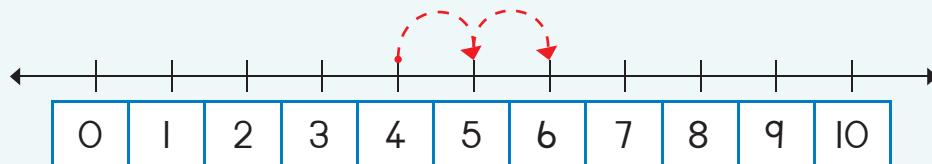
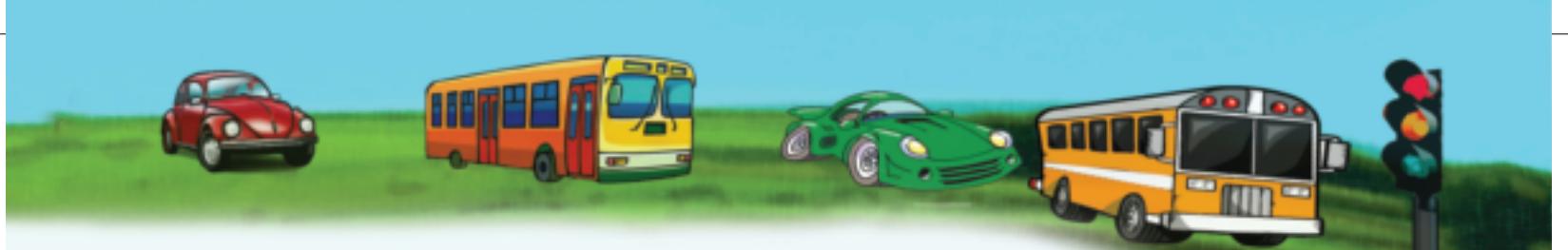


Tlatsa dikarabo.



$7 + 2 =$





$$4 + 2 =$$



Tereisa dinomoro.



Taka dintho tse 15.

15 15 15 15

leshome le metso e mehlano

15 15 15 15



Tlatsa dinomoro tse silweng.

7

11

12

13

15

15

13

12



Bala dintho.







Phethela tafole. Mola ka mong o na le setshwantsho, nomoro le lenswe la nomoro eo.



Ke eng e tlaase ho 15 ka nngwe? \_\_\_\_\_

	15	leshome le metso e mehlano
		leshome le metso e mehlano
15		

Ke eng e kgolo ho 15 ka nngwe? \_\_\_\_\_



11 12 13 14 15 16 17 18 19 20

70



Letsatsi:

Kotara ya 3

## Ho kopanya ho fihla ho 20 – Ho bala

Boikgopotso:

Kwetlisa ho ngola lebitso la nomoro.

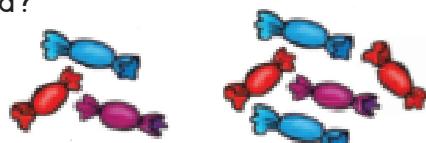
6

tshelela



Tadima setshwantsho ebe o ngola palopolelo bakeng sa enngwe le e nngwe.

Lisa o na le dipompong tse 3. Mandla o na le dipompong tse 5. Dipompong tsa bona dikae kaofela?



Ha re baleng:

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

Ke ne ken a le dimabole tse 8 mme ka lahla tse 4. Ke setse ka dimabole tse kae?

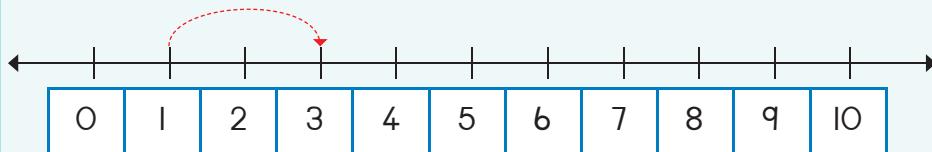


Ha re balleng morao:

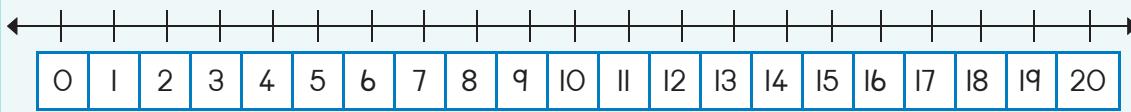
8	...	7	6	5	4
<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
$- \quad = \quad$					



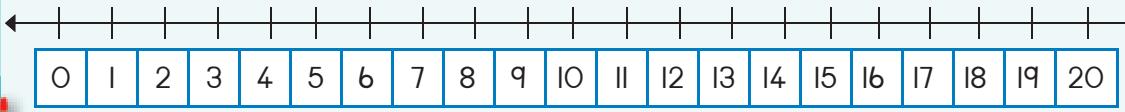
Tlatsa dikarabo.



$1 + 2 = \boxed{\phantom{0}}$



$13 + 2 = \boxed{\phantom{0}}$



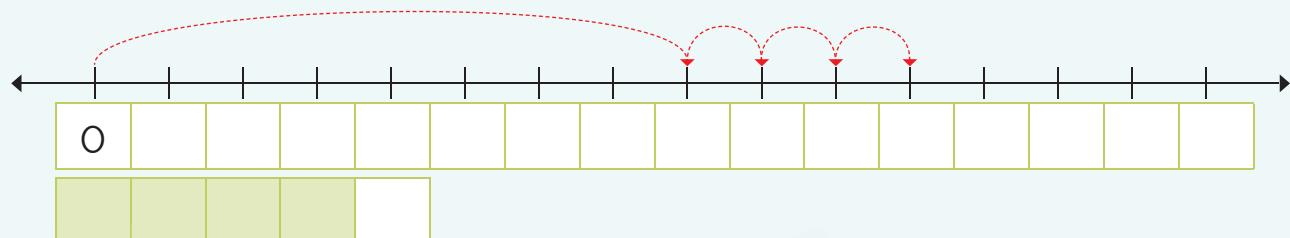
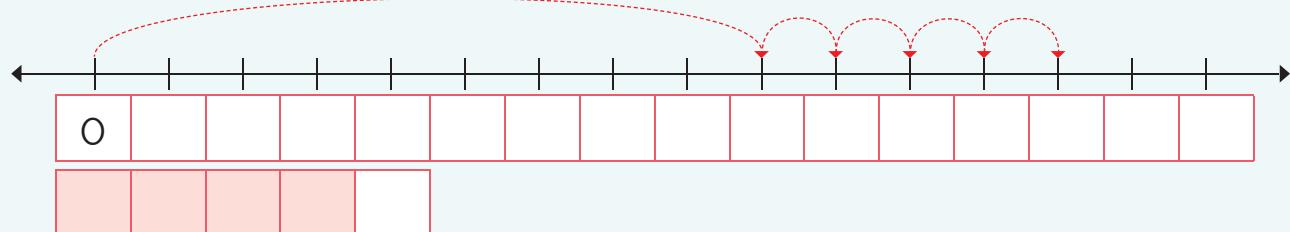
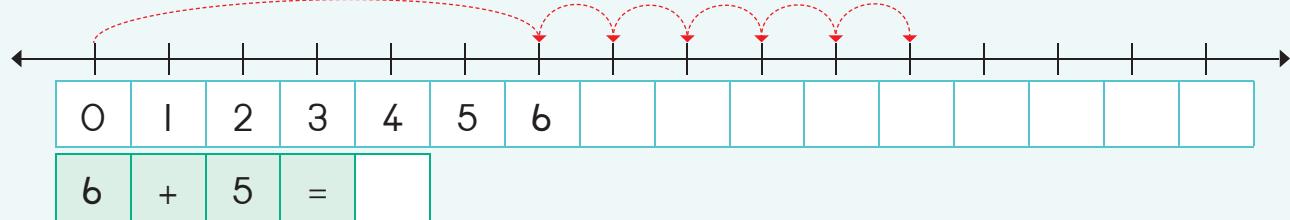
$15 + 2 = \boxed{\phantom{0}}$



0 1 2 3 4 5 6 7 8 9 10



Tlatsa dinomo palomoleng ebe o ngola palopolelo.



Bala ka bo 2.

3	5
4	
2	



7	
8	
6	



Tlatsa dinomoro.



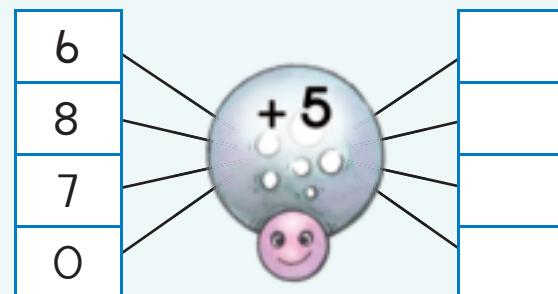
Thusa sekgo ho qeta palo.

Ke dilemo di 7. Ke tla be ke le mokae kamora dilemo tse 5?

7

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

Ke tla be ke le dilemo tse \_\_\_\_\_



7I



## Ho kopanya – ho aha le ho heletsa dinomoro ho fihla ho 10

Boikgopotso:

Kwetlisa ho ngola lebitso la nomoro.

7

supa



Tlatsa karabo.



Khalara ho bontsha tse latelang.

$3 + 3 = \square$



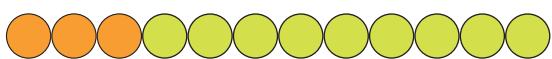
$0 + 5 = \square$



$3 + 2 + 1 = \square$



$3 + 9$



$4 + 8$



$5 + 7$



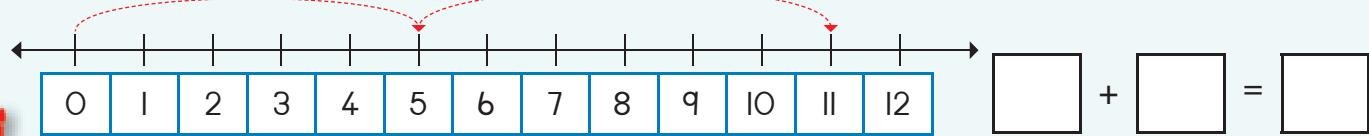
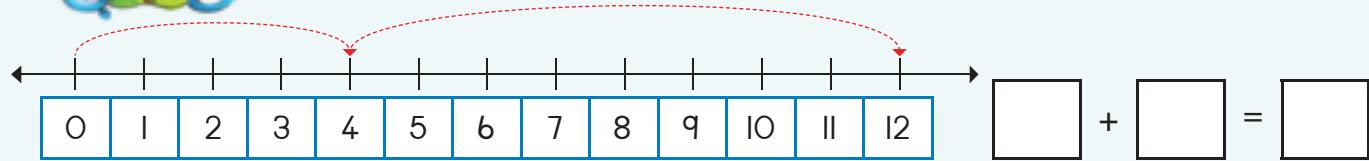
$6 + 6$



$7 + 5$

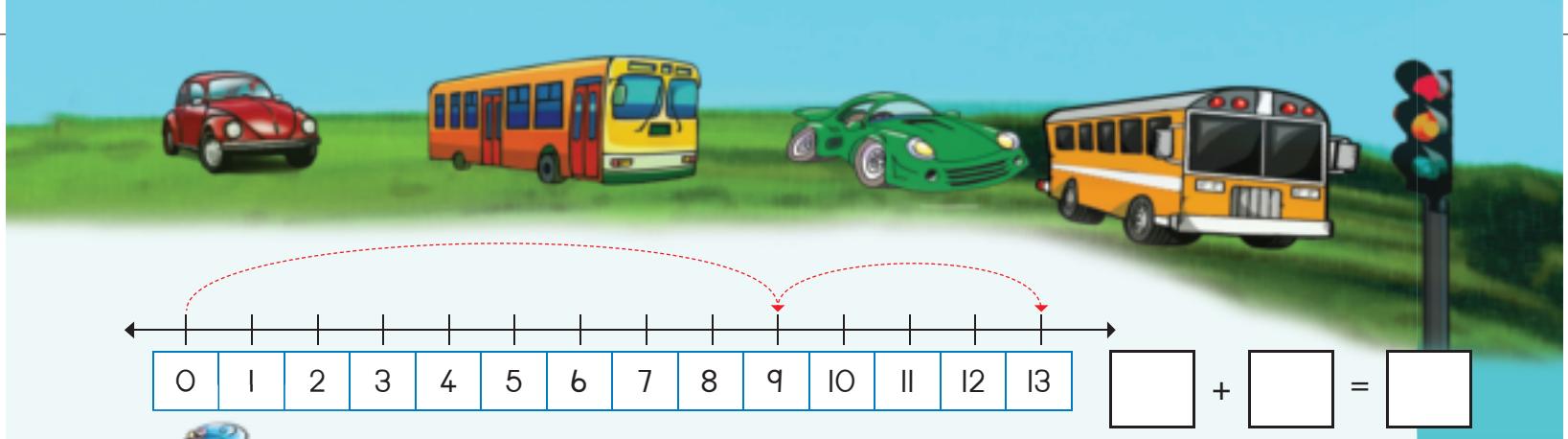


Ngola palo ya:

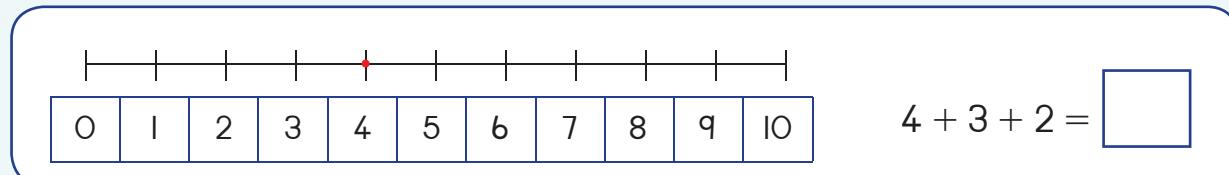
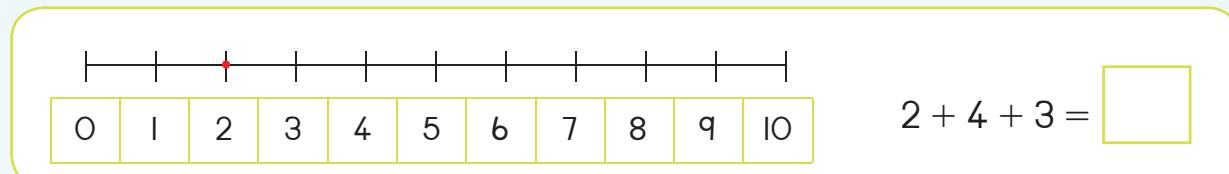
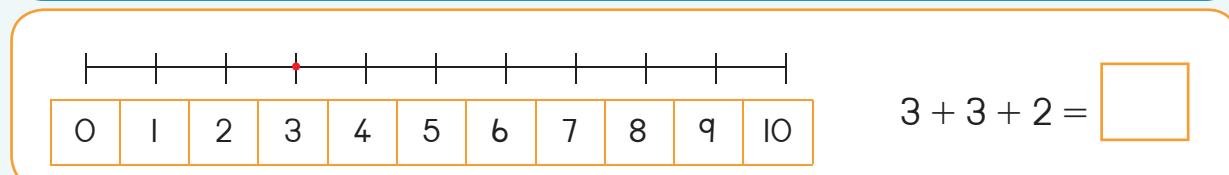
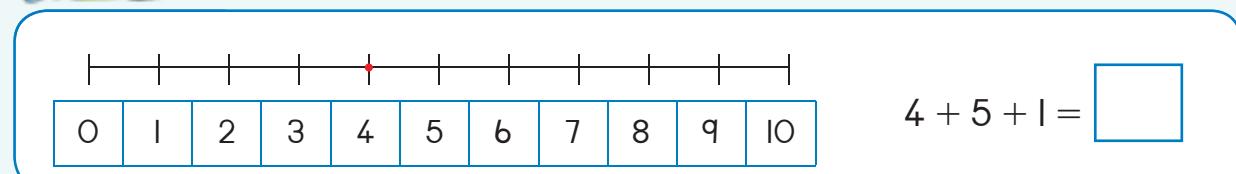


14

0 1 2 3 4 5 6 7 8 9 10



Phethela palomola mme o tlatse karabo.



Rarolla e latelang ka ho taka ditshwantsho.

Ken a le dimabole tse 5 mme motswalle wa ka o nale tse 8. Re na le dimabole tse kae kaofela?

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

Ke na le dipalesa tse 9 bakeng sa titjhore mme motswalle yena o na le dipalesa tse 6. Re na le dipalesa tse kae kaofela?

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





## Ho kopanya – ho aha le ho heletsa dinomoro ho fihla ho 20

Boikgopotso:

Kwetlisa ho ngola lebitso la nomoro.

8

robedi

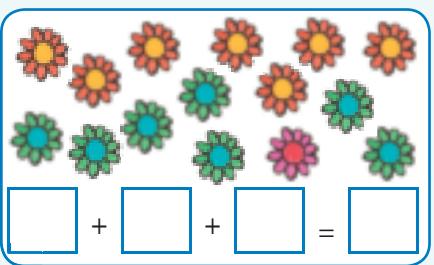
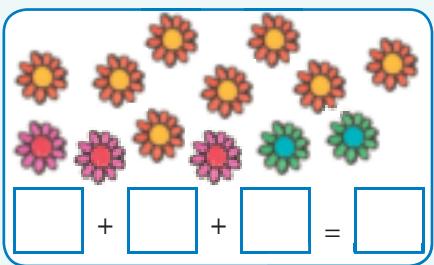
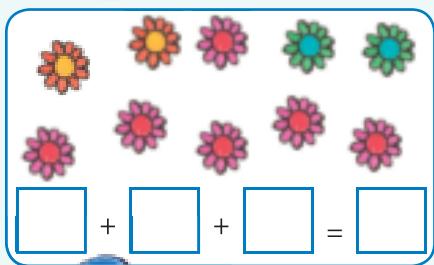


Tlatsa karabo.

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



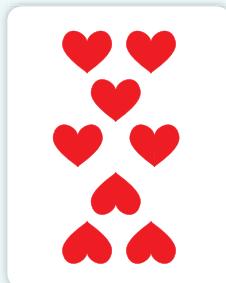
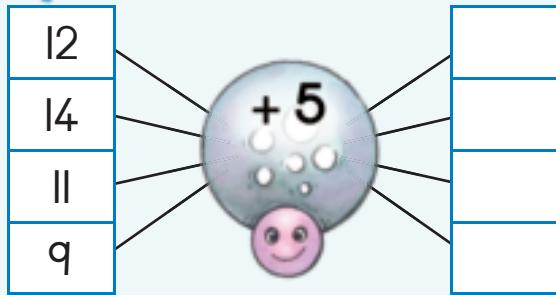
Sebedisa dipalesa tsa mebala e fapaneng ho iketsetsa dipolelopalo tsa hao.



Thusa sekgo ho qeta palo.



Dipelo tse kae?



Iketsetse palo ya hao.

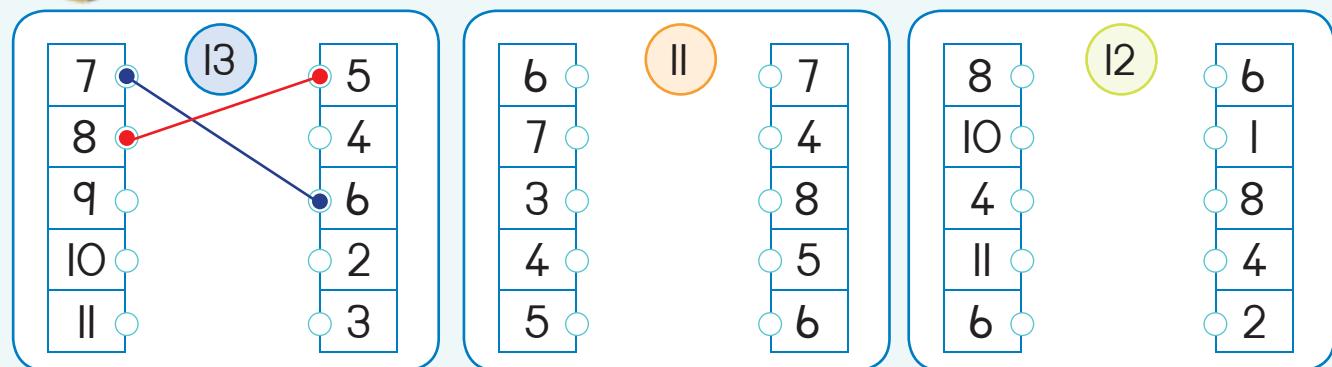
$$[ ] + [ ] = [ ]$$



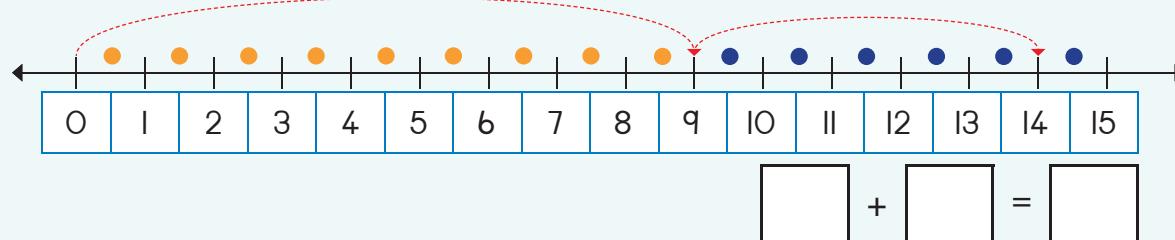
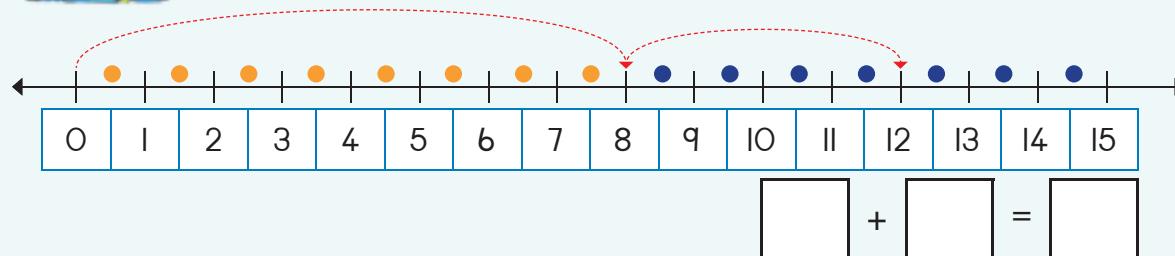
16      0      |      2      3      4      5      6      7      8      9      10



Nyalanya dipara tsa dinomoro ho etsa dinomoro tse latelang.



Ngola mola polelo wa:



Boikgopotso:

Boikgopotso: Khalara karabo e nepahetseng.

bokapele	bokapele	bokapele	bokapele
bokamorao	bokamorao	bokamorao	bokamorao
bohlakoreng	bohlakoreng	bohlakoreng	bohlakoreng



Teacher:  
Sign:  
Date:



11 12 13 14 15 16 17 18 19 20

73



## Ho kopanya le ho tlosa – ho aha le ho heletsa

Boikgopotso:

Kwetlisa ho ngola lebitso la nomoro.

q
---

robong
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Tlatsa karabo.

$$\begin{array}{ccccccccccccccc} & \leftarrow & & & & & & & & & & & & & & & \rightarrow \\ & | & | & | & | & | & | & | & | & | & | & | & | & | & | & | & \\ 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & & & & & & & & \end{array} \quad \boxed{4 - 1 =} \quad \boxed{\phantom{00}}$$

$$\begin{array}{ccccccccccccccc} & \leftarrow & & & & & & & & & & & & & & & \rightarrow \\ & | & | & | & | & | & | & | & | & | & | & | & | & | & | & | & \\ 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & & & & & & & & \end{array} \quad \boxed{5 - 3 =} \quad \boxed{\phantom{00}}$$

$$\begin{array}{ccccccccccccccc} & \leftarrow & & & & & & & & & & & & & & & \rightarrow \\ & | & | & | & | & | & | & | & | & | & | & | & | & | & | & | & \\ 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & & & & & & & & \end{array} \quad \boxed{4 - 2 =} \quad \boxed{\phantom{00}}$$

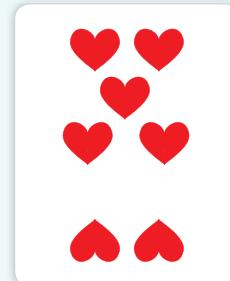
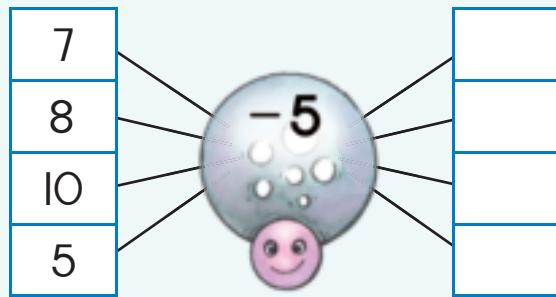
$$\begin{array}{ccccccccccccccc} & \leftarrow & & & & & & & & & & & & & & & \rightarrow \\ & | & | & | & | & | & | & | & | & | & | & | & | & | & | & | & \\ 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & & & & & & & & \end{array} \quad \boxed{5 - 2 =} \quad \boxed{\phantom{00}}$$



Thusa sekgo ho qete palo.



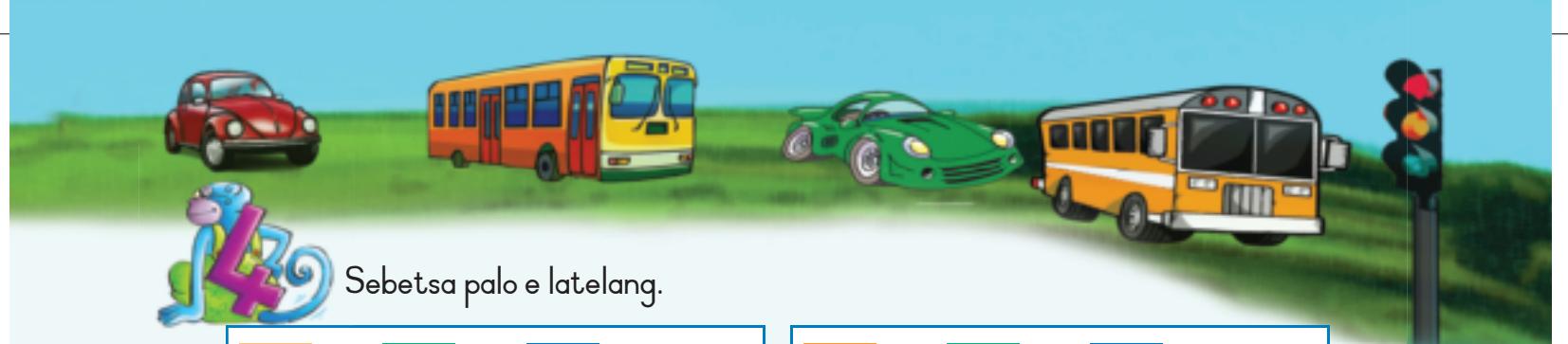
Dipelo tse kae?



Iketsese palo ya hao.

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{00}}$$





Sebetsa palo e latelang.

$$\begin{array}{r} 7 \\ + \quad 4 \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 7 \\ + \quad 4 \\ + \quad 1 \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 10 \\ + \quad 1 \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 6 \\ + \quad 6 \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 6 \\ + \quad \boxed{\phantom{00}} \\ + \quad \boxed{\phantom{00}} \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 10 \\ + \quad \boxed{\phantom{00}} \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 13 \\ - \quad 6 \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 13 \\ - \quad 3 \\ + \quad 3 \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 10 \\ - \quad 3 \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 12 \\ - \quad 8 \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 10 \\ - \quad \boxed{\phantom{00}} \\ + \quad \boxed{\phantom{00}} \\ \hline \end{array} = \boxed{\phantom{00}}$$

$$\begin{array}{r} 10 \\ - \quad 3 \\ \hline \end{array} = \boxed{\phantom{00}}$$



Ngola karabo o boele o khalare le ho taka.

$8 + 6 = \boxed{\phantom{00}}$  Re ka bontsha hape e le:  $(8 + 2) + 4 = \boxed{\phantom{00}} \rightarrow 10 + 4 = \boxed{\phantom{00}}$	$15 - 7 = \boxed{\phantom{00}}$  Re ka bontsha hape e le:  $(15 - 5) - 2 = \boxed{\phantom{00}} \rightarrow 10 - 2 = \boxed{\phantom{00}}$
$9 + 4 = \boxed{\phantom{00}}$  Re ka bontsha hape e le:  $(9 + 1) + 3 = \boxed{\phantom{00}} \rightarrow \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$	$14 - 5 = \boxed{\phantom{00}}$  Re ka bontsha hape e le:  $(\quad - \quad) - 1 = \boxed{\phantom{00}} \rightarrow 10 - 1 = \boxed{\phantom{00}}$

Boikgopotso:

Kwetlisa ho ngola lebitso la nomoro.

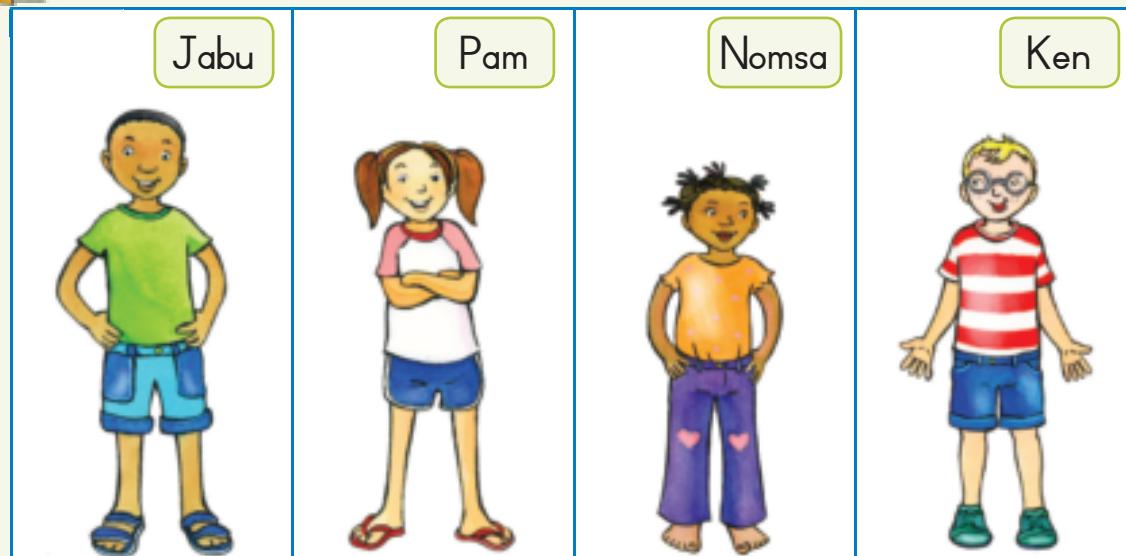



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Tadima setshwantsho ebe o araba dipotso.

Kotara ya 3



Ke mang ho bona e molelele ho feta?

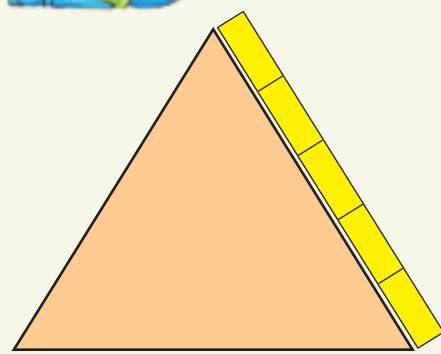
Ke moshemane ofe e mokgutshwane ho feta?

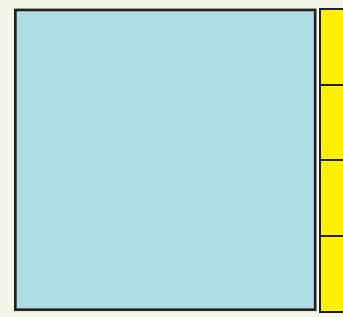
Ke mang ho bona e mokgutshwane ho feta?

Ke ngwanana ofe e molelele ho feta?



Ke mahlakore afe a sebopetho sa diboloko tse telele?









20

0

1

2

3

4

5

6

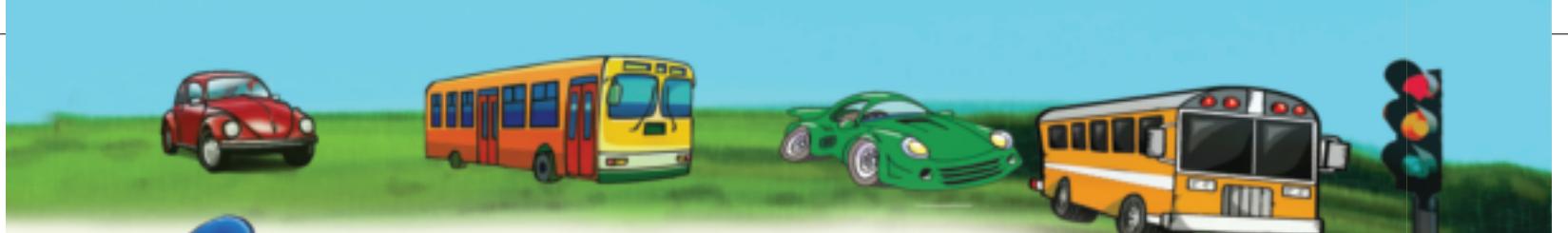
7

8

9

10

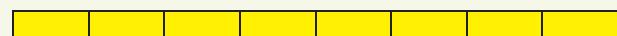
Letsatsi:



Ke eng bolelele le bophara ba tafole dibolokong le bolelele ba phensele?



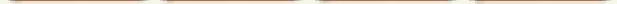
Bophara ka diboloko ke \_\_\_\_.



Bolelele ka diboloko ke \_\_\_\_.



Bophara ka diboloko ke \_\_\_\_.

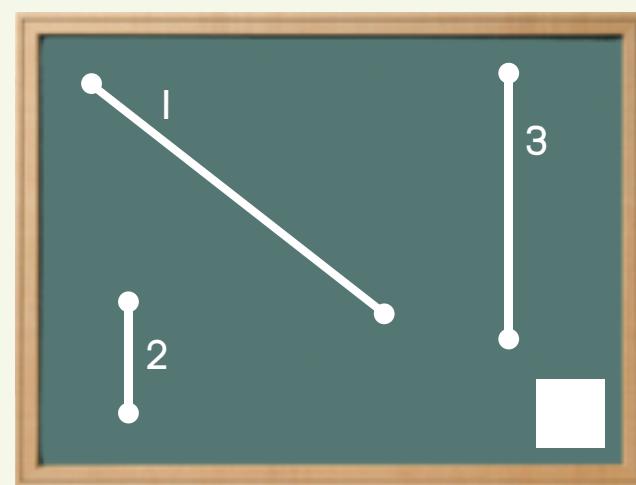
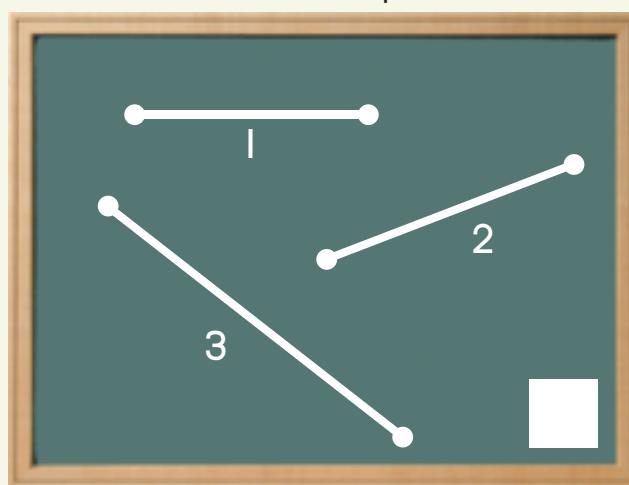


Bolelele ka diboloko ke \_\_\_\_.



Ke mola ofe o mokgutshwane ka ho fetisia?  
Mola 1, 2 kapa 3?

Ke mola ofe o molelele ka ho fetisia?  
Mola 1, 2 kapa 3?



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## Tjhelete le tjhentjhe

Kotara ya 3



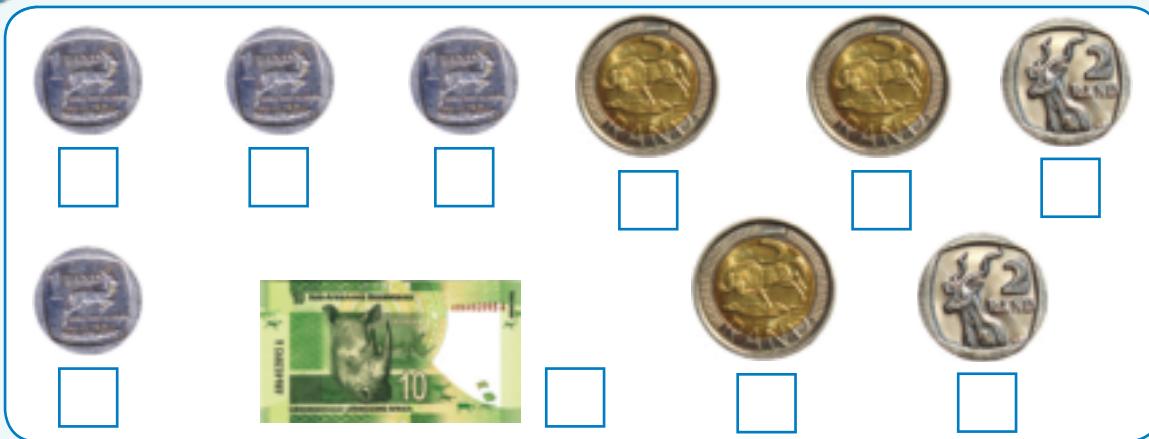
Tshwaya tjhelete e hodimo moleng ka nngwe.



Tshwaya dikhoini tse etsang RIO.



Tshwaya dikhoini tse etsang R20.



22

0

1

2

3

4

5

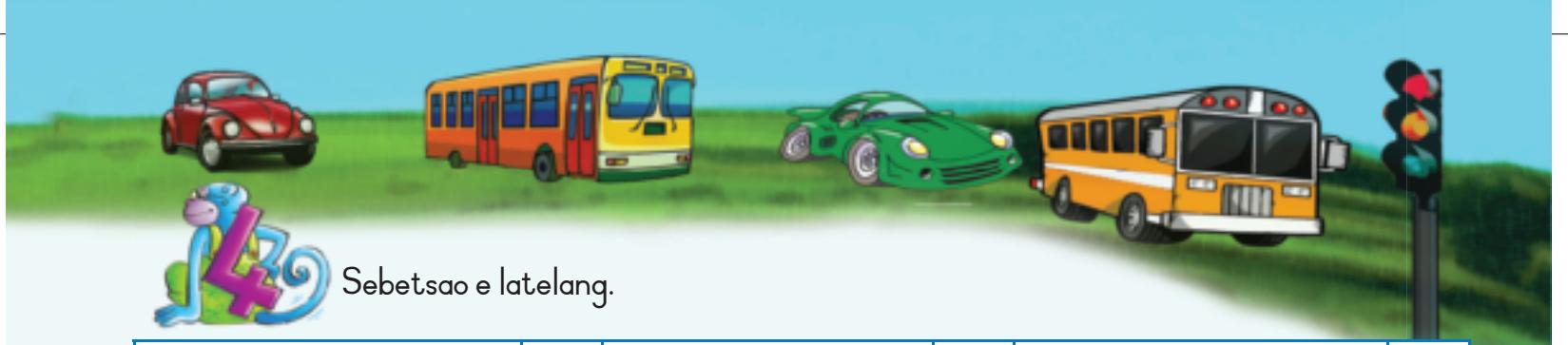
6

7

8

9

10



Sebetsao e latelang.

R5 + RIO =		R5 + R2 + R8 =		RIO + RIO =	
R3 + RIO + R2 + R2 =		R5 + R7 + RI + R5 =		RIO + RI + R5 + R2 =	



Rarolla e latelang:

Ke na le R2 ya khoini le R5 ya khoini.  
Motswalle o na le dikhoini tsa R2 tse tharo.  
Ke mang ya nang le tjhelete e fetang ya e mong?

Ke na le R5 ya khoini le RI ya khoini.  
Motswalle o na le R5 tsa khoini tse tharo.  
Ke mang ya nang le tjhelete e fetang ya e mong?



Ke na le RI5:

Ke lefa

Tjhentjhe

R4 + R 7 = RII	R4
R6 + R 9 =	
R8 + R3 =	
R2 + RII =	
R3 + R8 =	
R6 + R8 =	
RO + R2 =	
R2 + R2 =	
R4 + R2 =	
R6 + R2 =	



Sebetsao e latelang:

Ke na le RI5. Ke reka pakete ya dichips ka R6.  
Ke sallwa ke bokae?



E fokotse ka R2.

RII		R4	
RI2		R6	
RIO		R8	



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Kotara ya 3



Taka dikhoini ho etsa:

RI1	
RI2	
RI3	
RI4	



Tshwaya mme o tlatse karabo e nepahetseng.

$$RI8 - R8 = \boxed{\phantom{00}}$$



$$RI2 - R2 = \boxed{\phantom{00}}$$



$$RI5 - R4 = \boxed{\phantom{00}}$$



$$RI4 - R7 = \boxed{\phantom{00}}$$



Sebetsa tse latelang:

$$RI5 - RIO = \boxed{\phantom{00}}$$

$$R2O - R2 - R8 = \boxed{\phantom{00}}$$

$$R2O - R5 = \boxed{\phantom{00}}$$

$$RIO - RI - RI - R2 = \boxed{\phantom{00}}$$

$$R5 - R4 = \boxed{\phantom{00}}$$

$$RIO - RI - R5 - R2 = \boxed{\phantom{00}}$$



0

1

2

3

4

5

6

7

8

9

10

Letsatsi:



Sebetsa tse latelang:

Ke na le RI5 Ke reka ka:	Ke setse ka bokae?
R2 hape R4 =	R9
R8 hape R4 =	
RI2 hape R2 =	
R5 hape R5 =	
R8 hape R7 =	
RIO hape R2 =	
R8 hape R2 =	
R6 hape R2 =	
R4 hape R2 =	
R2 hape R2 =	
R9 hape R6 =	
RIO hape R2 =	



Ke na le RI5. Ke reka mokotla wa dipompong ka RII.  
Taka setshwantsho ho bontsha tjhelete e o saletseng.







77

Kotara ya 3



## Tjhelete: Ho kopanya le ho tlosa

Sebetsa tse 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"/>



Sebetsa tse latelang:

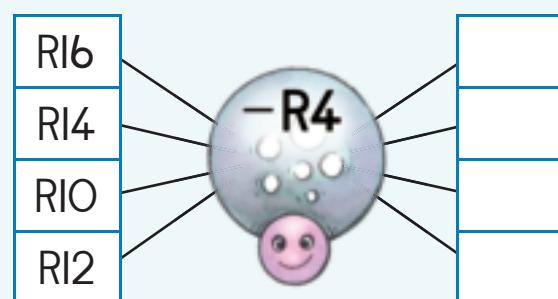
$RIO - R7 =$	<input type="text"/>
$RI5 - RI =$	<input type="text"/>
$RI2 - R2 =$	<input type="text"/>
$RI5 - R6 =$	<input type="text"/>

$RIO - R2 =$	<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 sekgo ho qeta  
dipalo tsohle.



E fokotse ka R2.



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

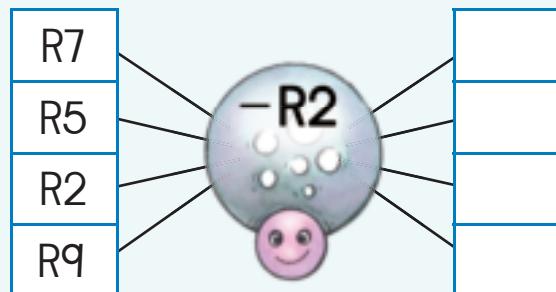


$R7 - R2 =$	<input type="text"/>
-------------	----------------------





Thusa sekgo ho etsa dipalo tsohle tsa ho tlosa.



Rarolla tse latelang.

O na le RI2. Mme wa hao o o file R5.  
O na le bokae jwale?

O na le RI9. O reka pompon ka R8.  
O saletswe ke bokae?



Ke bolokile tjhelete e kae?



Bontsha palo molapalong ebe o fumana karabo.



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



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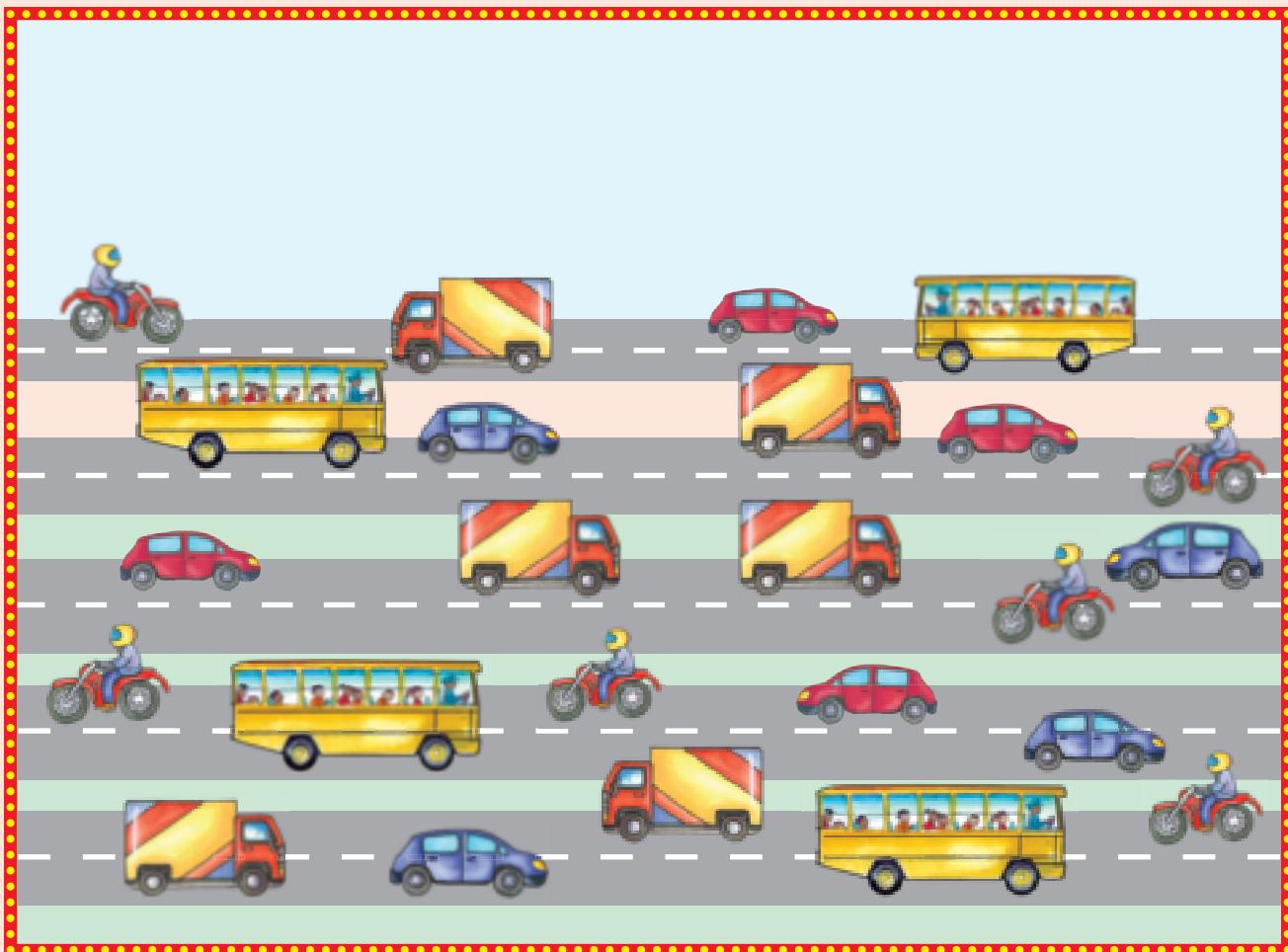


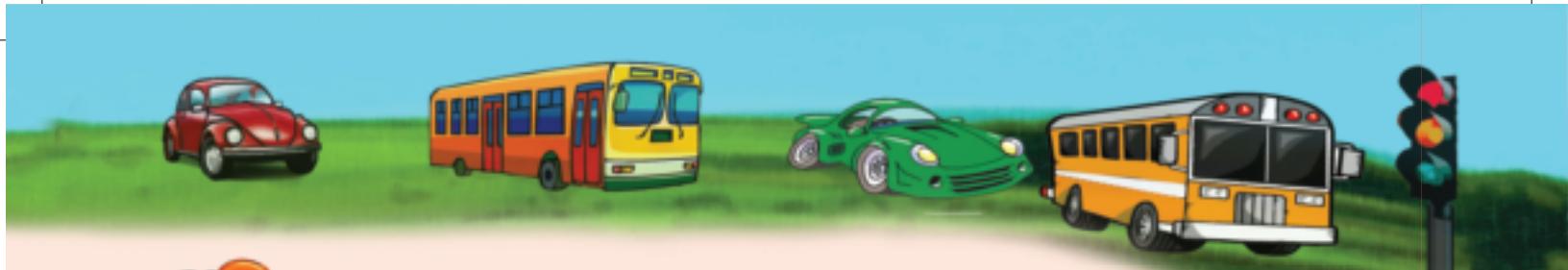
Kotara ya 3



## Diphumano

Bala hore na o ka bona dikoloi tse kae tsa mofuta ka nngwe.





Bala dibopeho mme o khalare tjhate e latelang ho  
bontsha hore ho na le tse kae ka nngwe.  
Jwale araba dipotso.



5						
4						
3						
2						
1						
	▲	●	■	◆	★	○

\_\_\_\_\_ ke tse ngata.

\_\_\_\_\_ ke tse tlaase.



Teacher:  
Sign:  
Date:



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Kotara ya 3

## Diphumano le nako

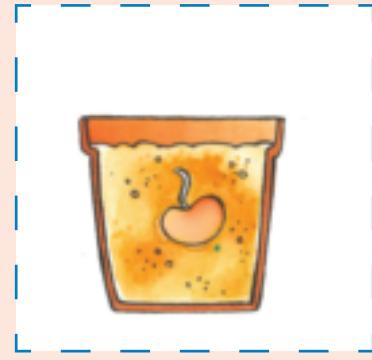
Bu aka ditshwantsho tsena ebe o di beha ka tatellano e nepahetseng.



1



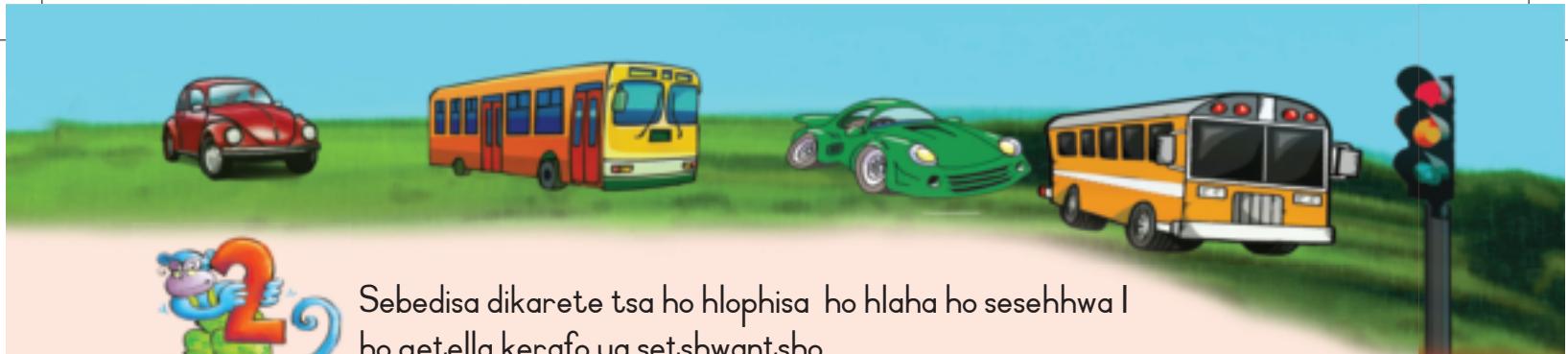
2



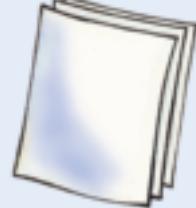
3



4



Sebedisa dikarete tsa ho hlophisa ho hlaha ho sesehhwa I  
ho qetella kerafo ya setshwantsho.



--	--	--	--



Teacher:  
Sign:  
Date:



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Kotara ya 3

## Dihlopha tsa hlano ho isa ho 15

Boikgopotso:

Kwetlisa ho ngola lebitso la nomoro.

5

hlano



Tadima setshwantsho ebe o araba dipotso.



Tadima setshwantsho.

Re ka e ngola tjena:

O ka etsa dihlopha tsa 5 tse kae?

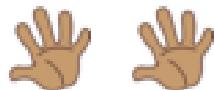
Taka ya hao mona.



Sehlopha se l sa 5 ke 5



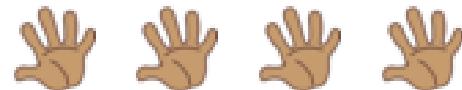
Bala menwana ebe o kenya karabo.



$$5 + 5 =$$



$$5 + 5 + 5 =$$



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

Dihlopha tse 2 tsa  
hlano ke 10



32

0

1

2

3

4

5

6

7

8

9

10

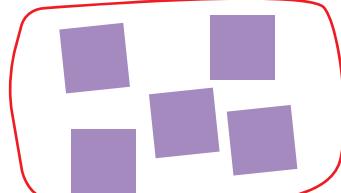


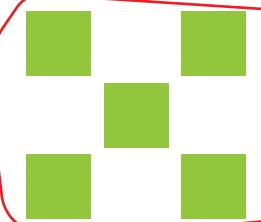
Etsetsa tse latelang  
didikadikwe ho etsa:



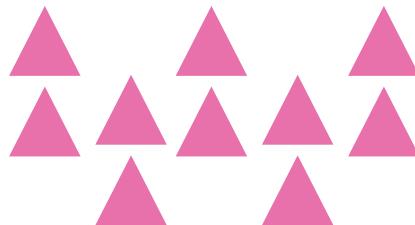
Ngola dipalopolelo tsa tse  
latelang:

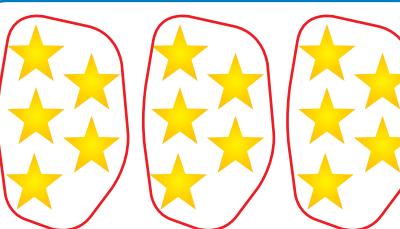
Sehlopha se 1 sa 5



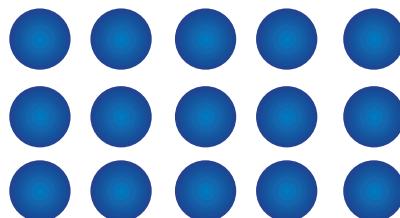


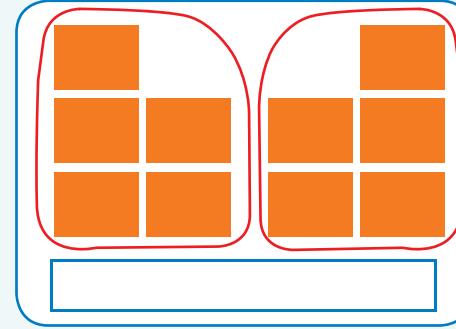
Dihlopha tse 2 tsa 5





Dihlopha tse 3 tsa 5





O ka etsa dihlopha tsa hlano tse kae ka?

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



81



Letsatsi:

## Bo-hlano: ho kopanya ho iphetang ho fihla ho 15

Boikgopotso:

Boikgopotso: Tlatsa dinomoro tse silweng.



Ho na le menwana e mekae? Ngola palopolelo ya oona.



Taka:

Sehlapha sa dipanana tse hlano

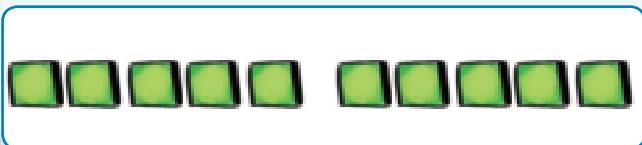
Dihlapha tse pedi tsa dipalesa tse  
hlano ka nngwe



Taka dibopeho tsa tse latelang.

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

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

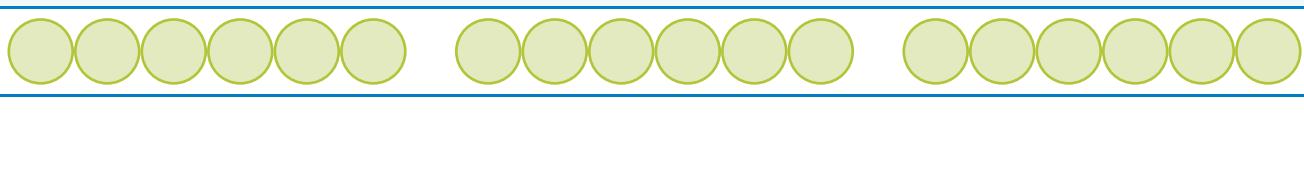




Etsa sedikadikwe mme o bale hore o ka etsa dihlopha tse  
kae tsa hlano kareteng ka nngwe.



Ngola palopolelo ya:



Sebedisa mebala e fapaneng ho bontsha dinomoro tseo o tla di sebedisa ho  
etsa dihlopha tsa hlano.

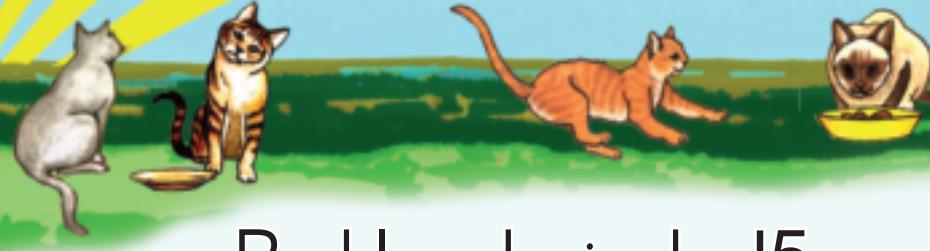
I	2	3	4	5	6	7	8	q	10
II	I2	I3	I4	I5					



O ka etsa dihlopha tse kae tsa hlano?

I	le	I4	e tla etsa		dihlopha
I3	le	2	e tla etsa		dihlopha
8	le	2	e tla etsa		dihlopha
7	le	8	e tla etsa		dihlopha
q	le	2	e tla etsa		dihlopha





## Bo-hlano ho isa ho 15



Tlatsa dinomoro tse silweng.

I		3		5		7	8	q	
II	I2								



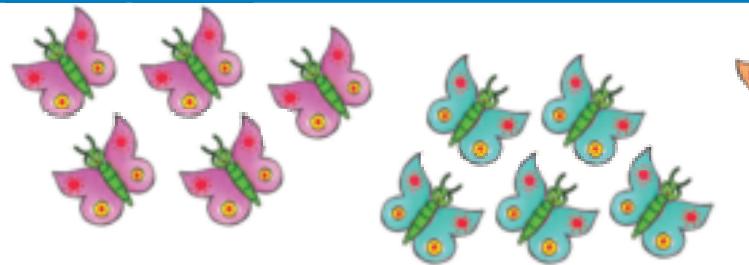
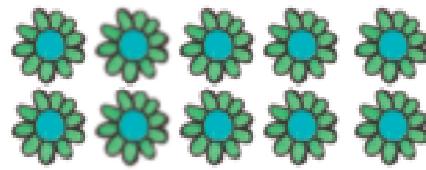
Etsa dihlopha tsa hlano.

Nonyana ka nngwe e tshwanelo hob a le matheba a mahlano a matsho  
lepheong ka nngwe. Taka matheba a siyo.





Ngola palopoleloya e nnge le e nngwe.



Sebetsa tse latelang:

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

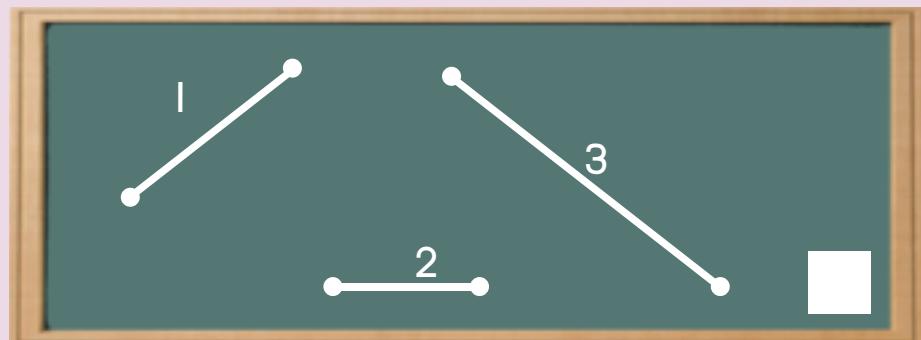
$$\boxed{5} + \boxed{5} + \boxed{5} = \boxed{\quad}$$

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

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

### Boikgopotso:

Boikgopotso: Ke mola ofe o molelele ho feta.



Teacher:  
Sign:  
Date:



83



Kotara ya 3

## Nomora dipaterone tsa bo-hlano ho fihla ho 50

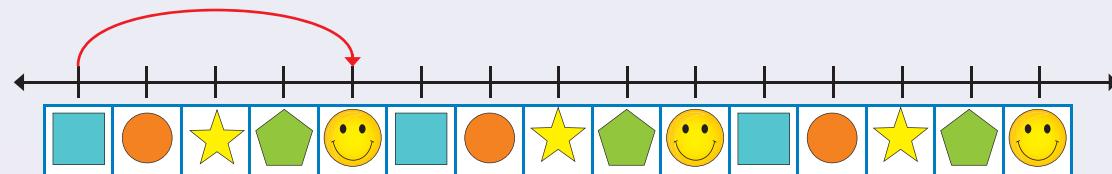


Phethela dipaterone tsa bo-hlano ka ho khalara dinomoro.

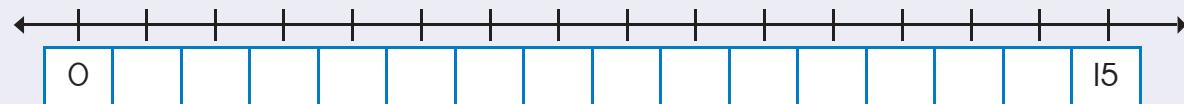
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50



Taka dihupu ho bontsha dihlopha tsa bo-hlano.

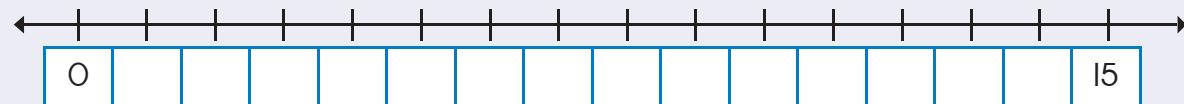


Tlatsa donomoro tse silweng mme o take dihupu ho bontsha dihlopha tsa bo-hlano.



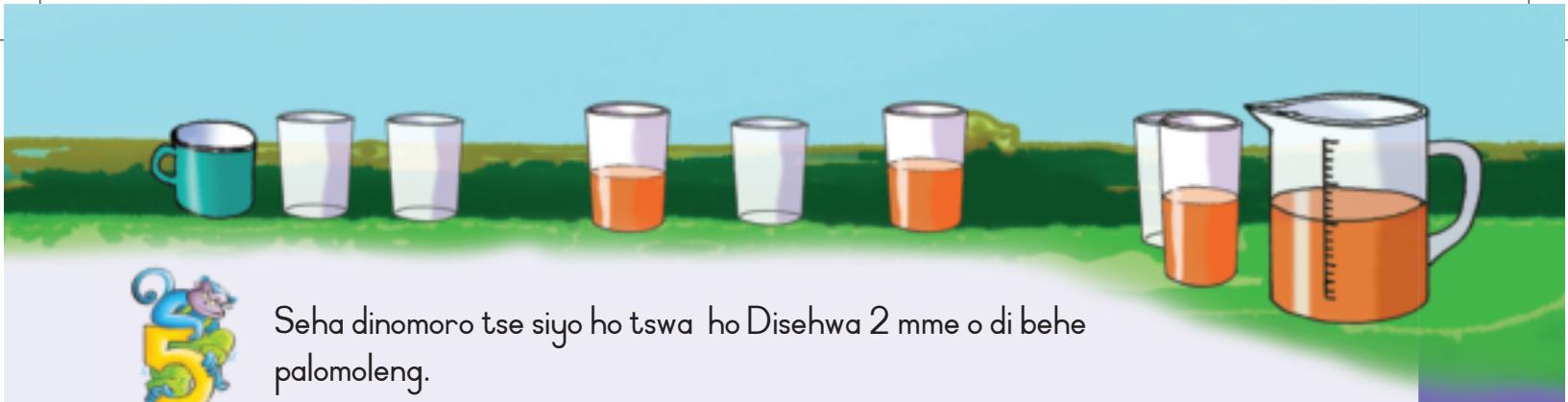
Phethela palomola. Taka dihupu ho bontsha dihlopha tsa hlano.

Ho na le dihlopha tsa hlano tse .

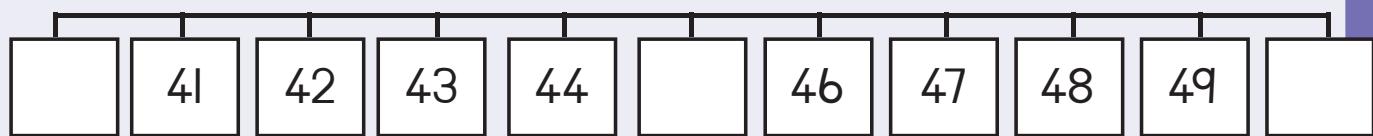
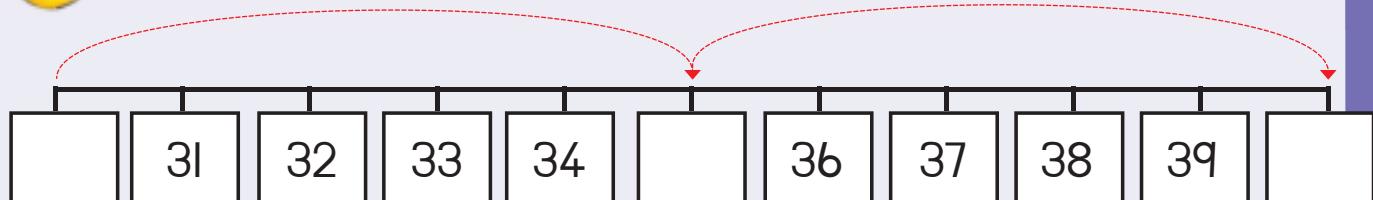


38

0 1 2 3 4 5 6 7 8 9 10

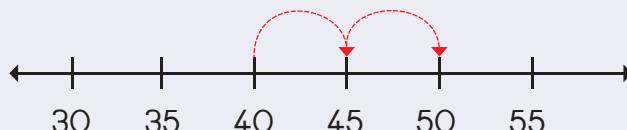


Seha dinomoro tse siyo ho tswa ho Disehwa 2 mme o di behe palomoleng.



Taka dihupu ho bontsha tse latelang:

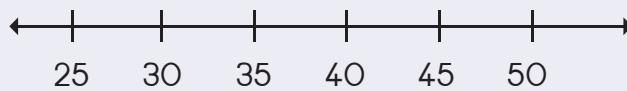
40, 45, 50



10, 15, 20



25, 30, 35



11 12 13 14 15 16 17 18 19 20



84



## Dipaterone tsa dinomoro tsa bo-hlano ho fihla ho 80

Kotara ya 3



O ka bona dihlopha tsa bo-hlano tse kae setshwantshong?



Phethela ditshwantsho tsena ho bontsha dihlopha tse pedi tsa hlano  
bolokong ka nngwe.



40

0

1

2

3

4

5

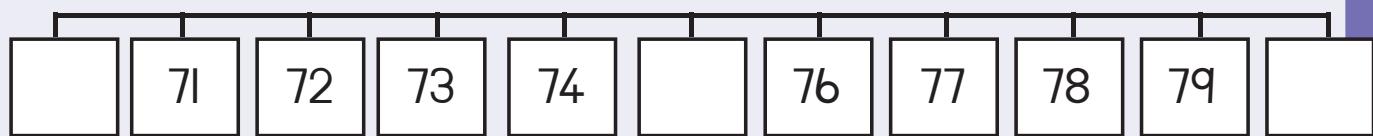
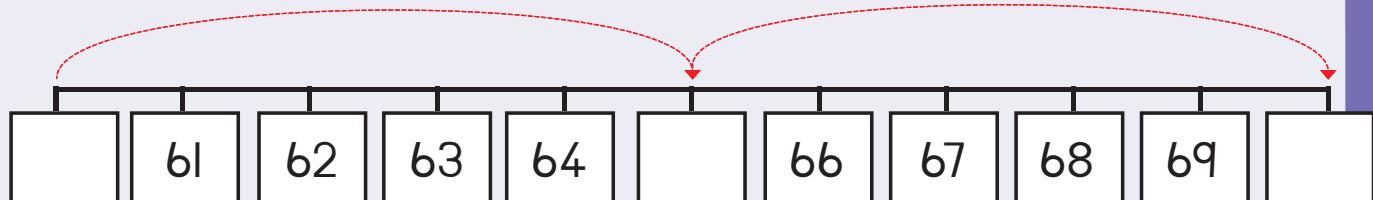
6

7

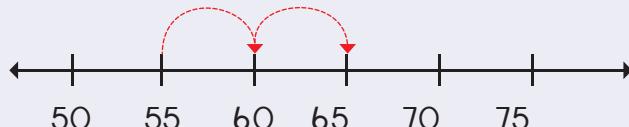
8

9

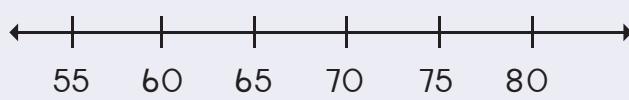
10



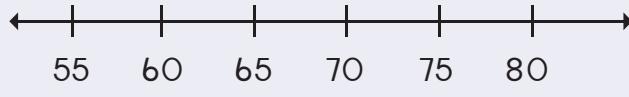
55, 60, 65



65, 70, 75



70, 75, 80



11 12 13 14 15 16 17 18 19 20



85



Kotara ya 3

## Habedi



Atisa dintho habedi mme o tlatse dikarabo.



1 habedi ke



4 habedi ke

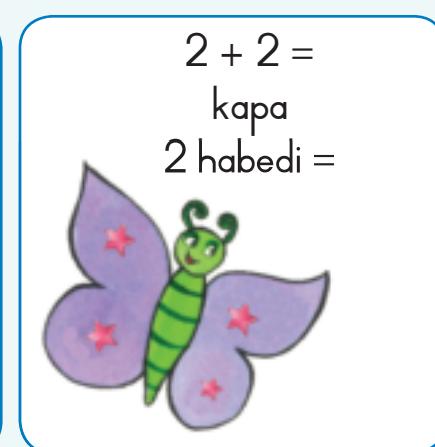
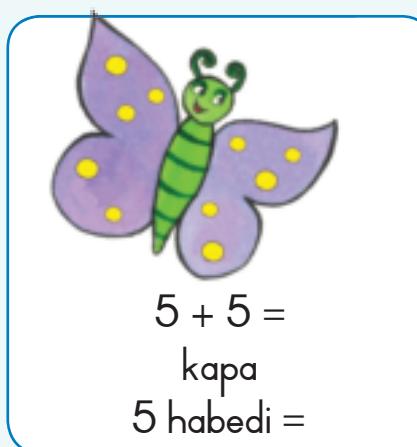
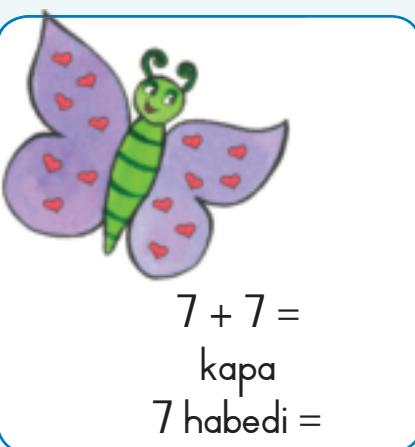


5 habedi ke



Bala dibopeho lepheong ka leng la serurubele.

Phethela dipolelo tsa dinomoro tse habedi.



42

0

1

2

3

4

5

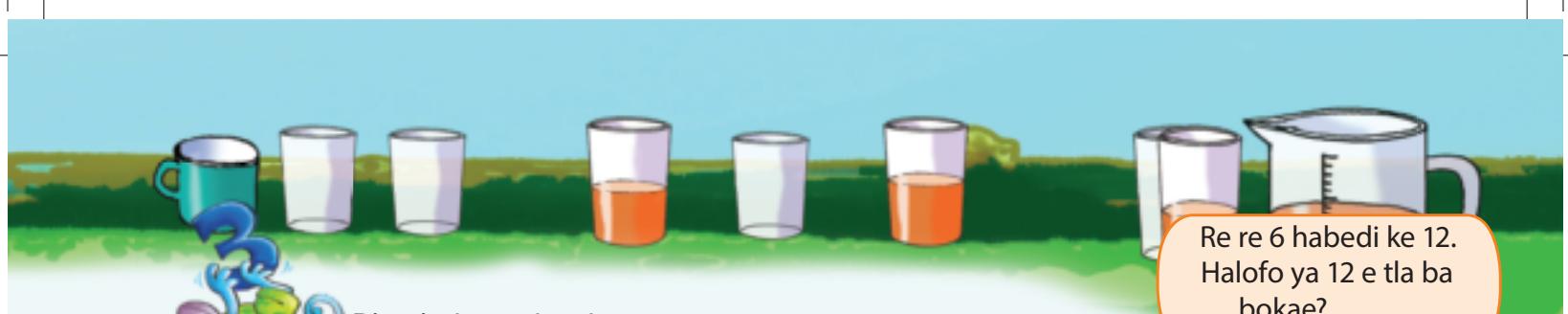
6

7

8

9

10



Phethela tse latelang:

Re re 6 habedi ke 12.  
Halofo ya 12 e tla ba bokae? \_\_\_\_\_

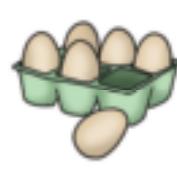
O bona mabidi a makae?




O bona mabidi a makae jwale?




Mahe a makae khathonong?




Mahe a makae jwale?





Bala matheba mme o a atise habedi.



Atisa dinomoro habedi.

	1	habedi →		2
	2	habedi →		
	3	habedi →		
	4	habedi →		
	5	habedi →		

4	habedi →	8
5	habedi →	
6	habedi →	
3	habedi →	
2	habedi →	
10	habedi →	



Phethela tse latelang:

Matsatsi a makae bekeng?						
S	M	T	W	T	F	S

Matsatsi a makae bekeng tse pedi?

S	M	T	W	T	F	S

Re re 7 habedi ke 14.

Halofo ya 14 e tla ba bokae?

O bona maoto a makae?




O bona maoto a makae jwale?




Re re 2 habedi ke 4.

Halofo ya 4 e tla ba bokae?



Phethela tse latelang:

$2 + 2 + 1 =$	5	kapa	$2 \text{ habedi} + 1 = 5$
$4 + 4 + 1 =$		kapa	
$7 + 7 + 1 =$		kapa	



Teacher:

Sign:

Date:



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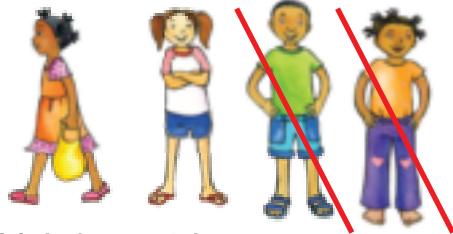


Kotara ya 3

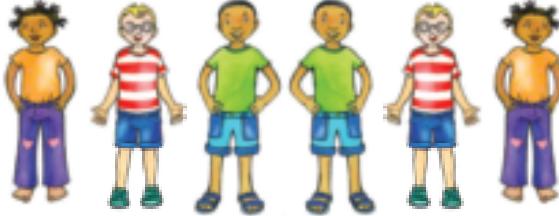
## Dihalofo



Tshwaya ka sefapano halofo ya bana ebe o ngola karabo.



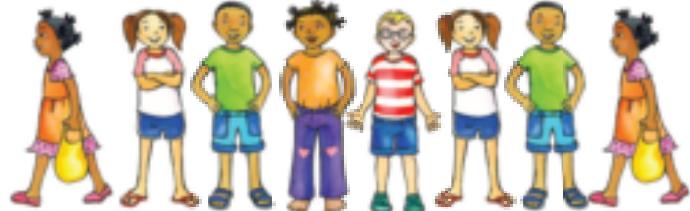
Halofo ya 4 ke \_\_\_\_\_



Halofo ya 6 ke \_\_\_\_\_



Halofo ya 2 ke \_\_\_\_\_



Halofo ya 8 ke \_\_\_\_\_



Tshwaya ka sefapano halofo mme o tlatse karabo.

Halofo ya 2 =

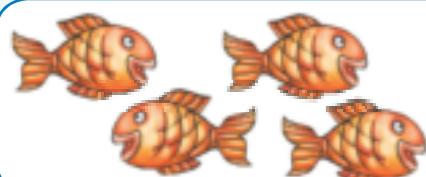
Halofo ya 8 =

Halofo ya 4 =

Halofo ya 10 =



Dihlapi tse  
moo di kae?





Halofo ya  
dihlapi ke?





5

Bala matheba ebe o a a hafola.

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



Hafola dinomoro.

4	halofo →	2
8	halofo →	
6	halofo →	
10	halofo →	
12	halofo →	
14	halofo →	



Dikgofu tse moo di kae?




Halofo ya dikgofu ke:



Araba tse latelang:

Maoto a makae?




Maoto a makae jwale?



Re re halofo ya 8 ke



Teacher:  
Sign:  
Date:



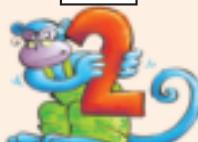
87



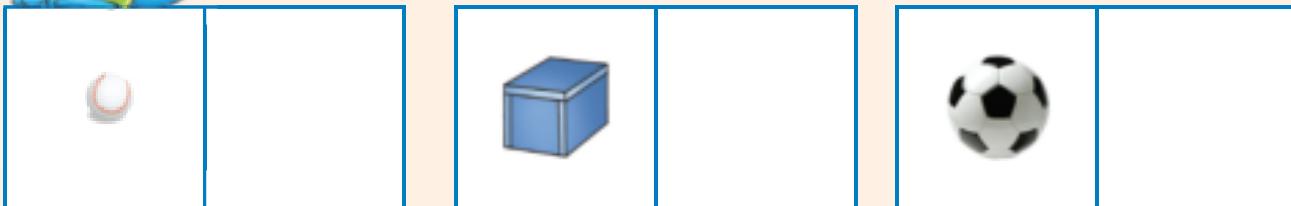
Kotara ya 3



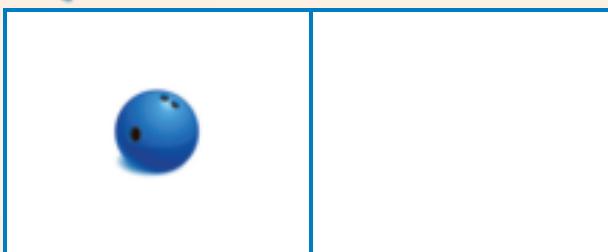
Tshwaya ntho e nnyane ka ho fetisia.



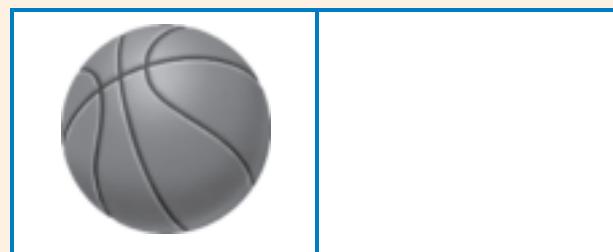
Taka ntho e kgolwanyana ka letsohong le letona la setshwantsho ka seng.



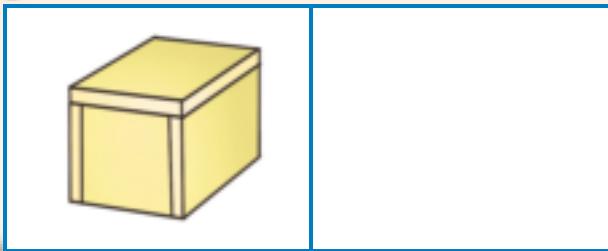
Taka bolo e kgolwanyana kamorao e bolo.



Taka bolo e nnyane ho e putswa.



Taka lebokose le lenyenyanne ho le lesehla.



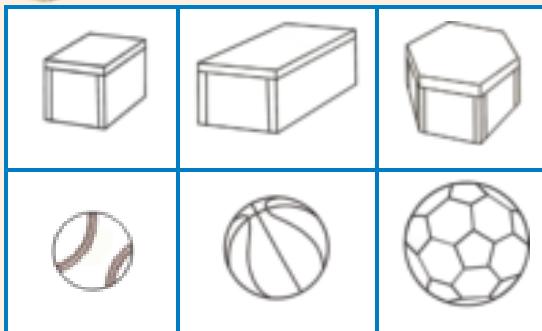
Taka lebokose le leholwanyane ho le letala.



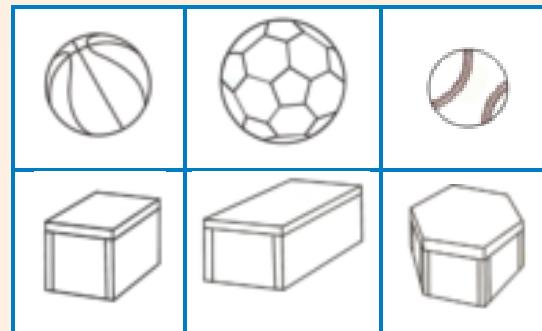


5

Khalara lebokose le Innyane ka ho fetisia ka bolou, mme bolo e nnyane ka ho fetisia ka bosehla.

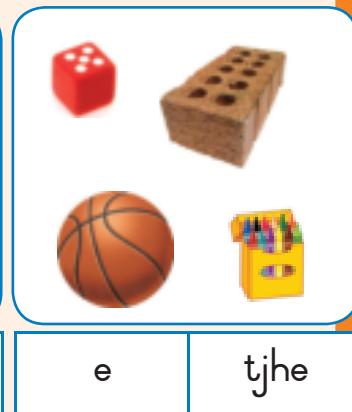
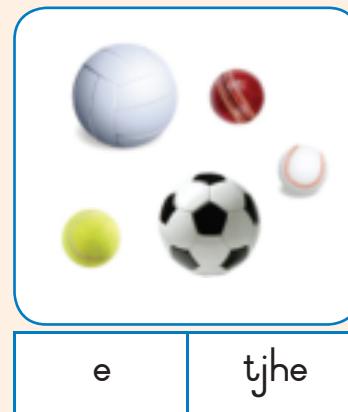


Khalara lebokose le leholohadi ka pinki mme bolo e kgolohadi ka bokgubedu.



O ka aha tor aka dintho tse latelang?

Khalara e kapa tjhe.



Seha mme o mamari setse ditshwantsho ho hlaha lesedinyaneng ho iketsetsa ditora tse pedi tsa hao.

Hopola hore ditora di tlameha ho tsitlalla.

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

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





Letsatsi:

## Dintho tsa 3-D – tse thellang le tse thethehang



Na dintho tsee di tla thetheha kapa di tla thella?  
Khalara karabo e nepahetseng.



thetheha	thella
----------	--------



thetheha	thella
----------	--------



thetheha	thella
----------	--------

thetheha	thella
----------	--------



Na se latelang se ka etsahala?  
Khalara karabo e nepahetseng.



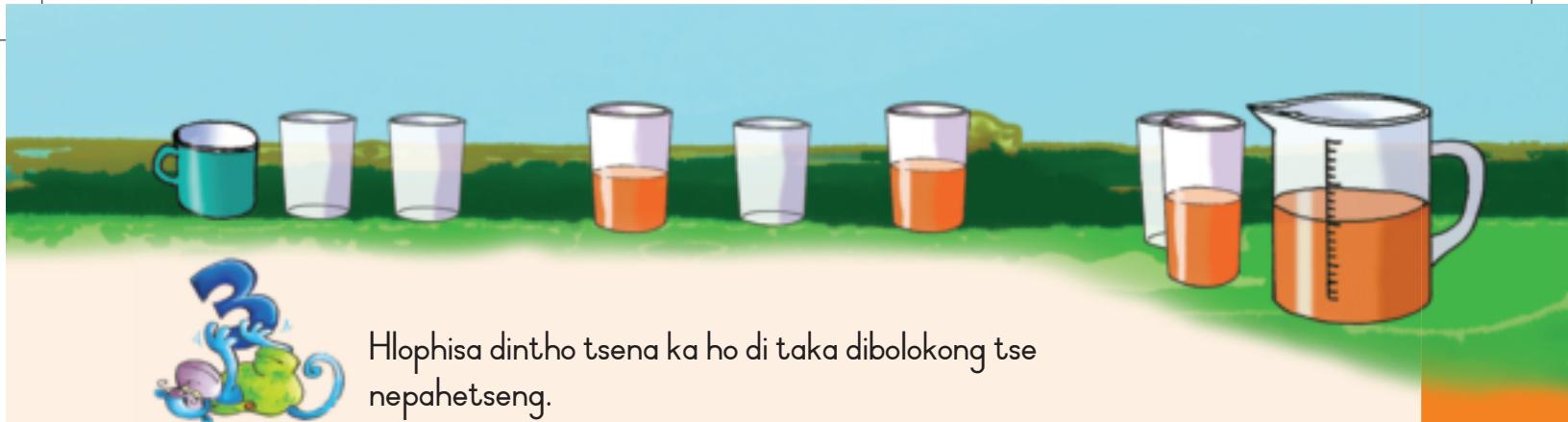
e	tjhe
---	------



e	tjhe
---	------



e	tjhe
---	------



3

Hlophisa dintho tsena ka ho di taka dibolokong tse nepahetseng.

	Dibolo	Mabokose
--	--------	----------

4

Hlophisa dintho ho ya ka boholo ka ho di taka.

	Dibolo tse nnyane	Mabokose a mannyane
	Bolo e kgolo	Mabokose a maholo



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Letsatsi:

Kotara ya 3

## Dipaterone tsa Geometeriki

Boikgopotso:

Taka tse latelang:

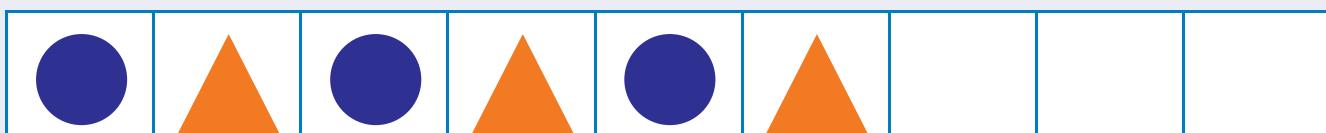
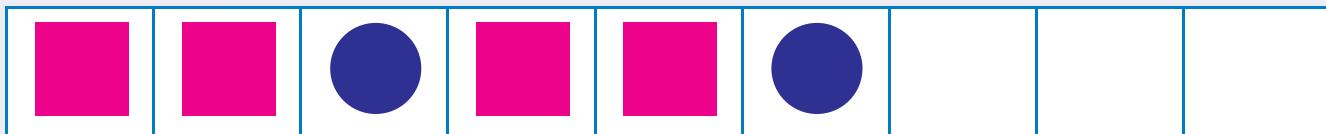
sedikadikwe

sekwere

kgutlonne



Phethela paterone.



50

0

2

3

4

5

6

7

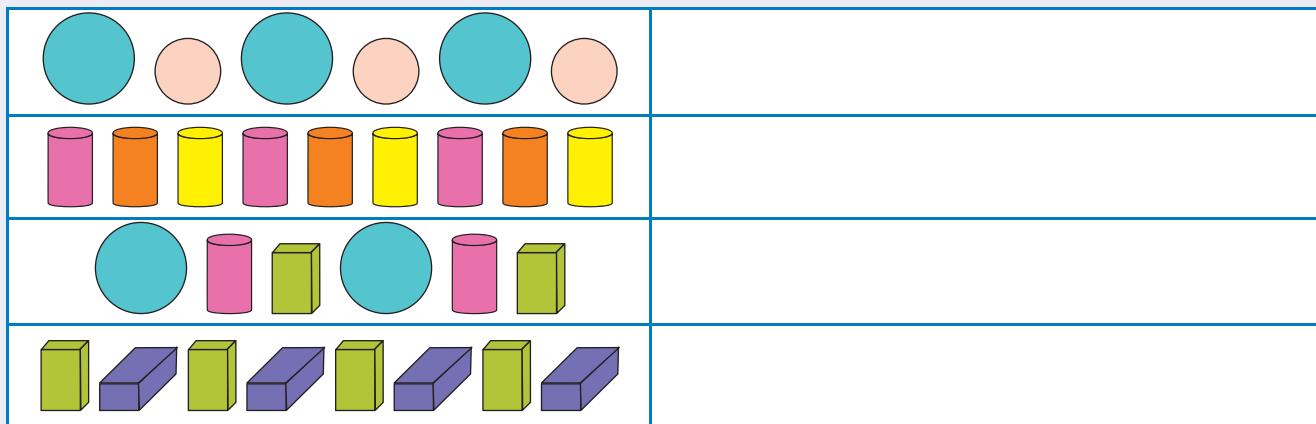
8

9

10



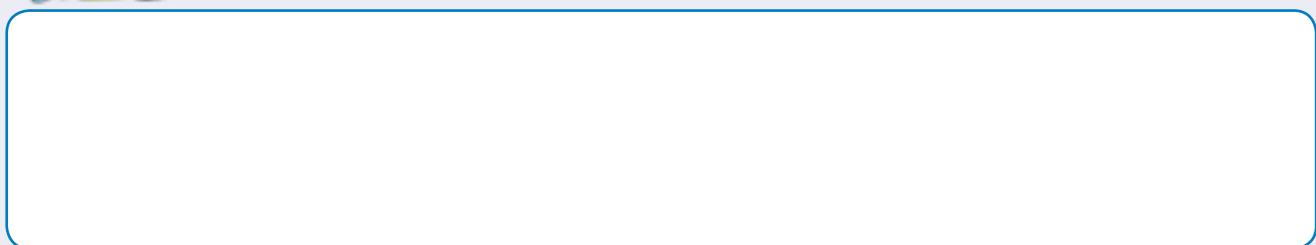
Etsa ditshwantsho ho tswella le paterone.



Taka paterone ya hao.



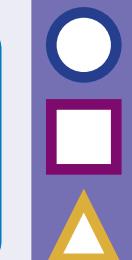
Mamarisetsa ditshwantsho ho iketsetsa dipaterone tsa hao.



Phethela paterone ena.

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

11 12 13 14 15 16 17 18 19 20



Teacher:

Sign:

Date:



90



Kotara ya 3

## Dihlopha tsa pedi ho isa ho 15



Ngola lebitso la palo bakeng sa letshwao lena la nomoro.

2

pedi



Araba dipotso.

O bona diphenkwini tse kae?



O bona dipara tse kae tsa maoto?

E ngole e le palopolelo:



Araba dipotso.

Ke dibuka tse kae moo?



Nka etsa dihlopha tse kae tsa pedi?



Ngola lebitso la palo bakeng sa letshwao lena.

4



Bala mapheo, ebe o tlatsa karabo.



$$2 + 2 =$$



$$2 + 2 + 2 =$$



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



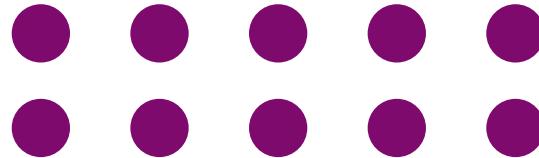


Etsetsa tse latelang didikadikwe ho etsa:

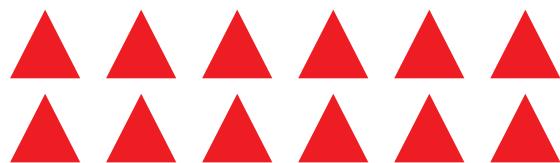
Dihlopha tse 4 tsa 2



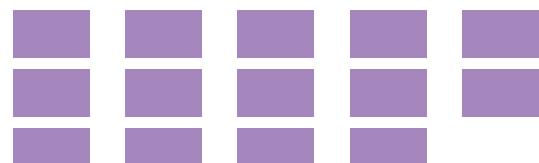
Dihlopha tse 5 tsa 2



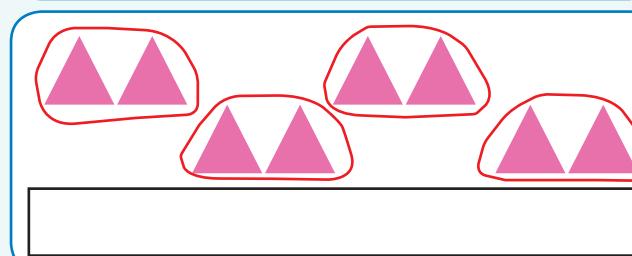
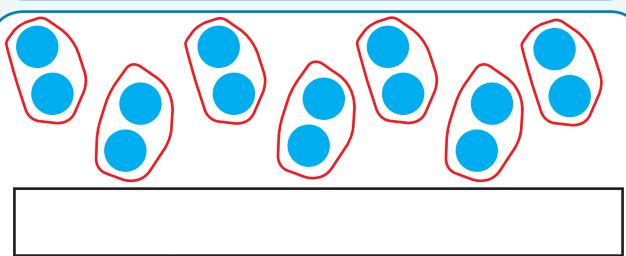
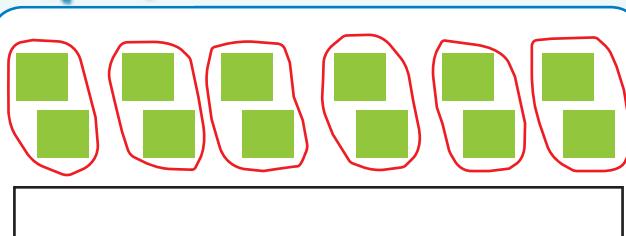
Dihlopha tse 6 tsa 2



Dihlopha tse 7 tsa 2



Ngola palopolelo ya tse latelang.



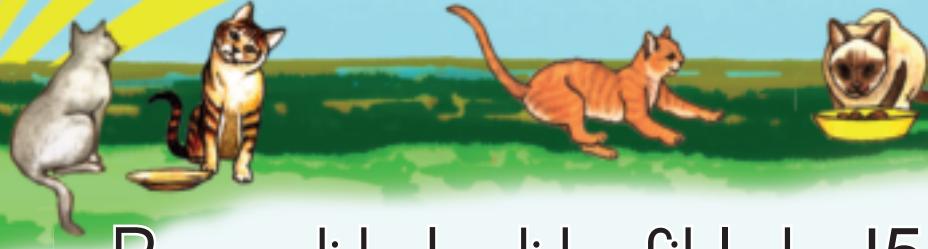
O ka etsa dihlopha tse kae tsa pedi

I3 le I di tla etsa	dihlopha
II le I di tla etsa	dihlopha
9 le I di tla etsa	dihlopha
7 le I di tla etsa	dihlopha

I2 le I di tla etsa	dihlopha
5 le I di tla etsa	dihlopha
I le I di tla etsa	dihlopha
IO le IO di tla etsa	dihlopha



q1

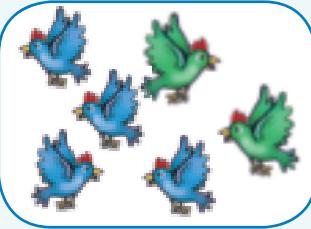
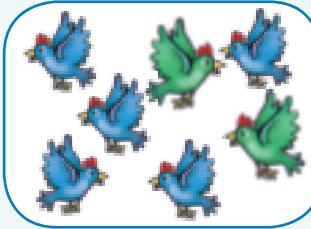
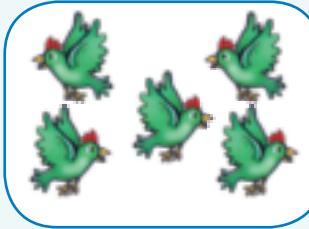


Kotara ya 3

Bo-pedi habedi ho fihla ho 15



Ke maoto a makae moo?

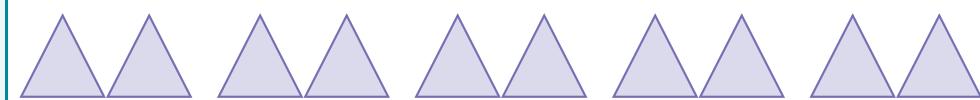


O e badile jwang?



Taka dibopeho ho bontsha tse latelang:

$$2 + 2 + 2 + 2 + 2 = \boxed{\phantom{0}}$$



$$2 + 2 + 2 + 2 + 2 + 2 + 2 = \boxed{\phantom{0}}$$

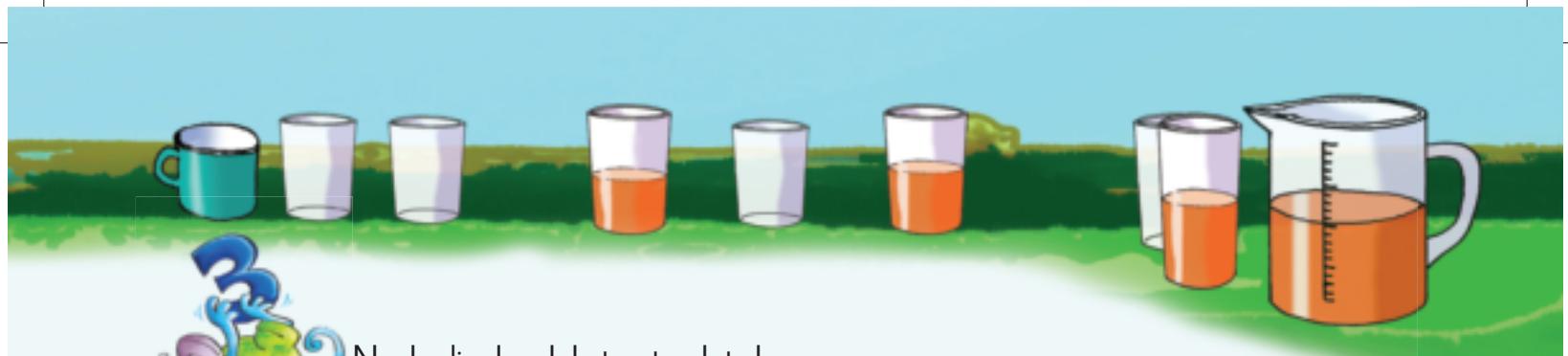


$$2 + 2 + 2 + 2 = \boxed{\phantom{0}}$$



$$2 + 2 + 2 + 2 + 2 + 2 = \boxed{\phantom{0}}$$





Ngola dipalopolelo tsa tse 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"/>									



Etsa didikadikwe mme o bale hore ke dihlopha tse kae tsa pedi tseo o ka di etsang kareteng ka nngwe.

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



Phethela paterone ena ya dinomoro eo o tla e sebedisa ho etsa dihlopha tsa pedi.

1	2	3	4	5	6	7	8	9	10
II	I2	I3	I4	I5	I6	I7	I8	I9	I0

II I2 I3 I4 I5 I6 I7 I8 I9 I0



q2



Kotara ya 3



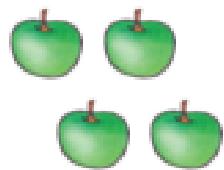
Tlatsa dinomoro tse siyo.

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



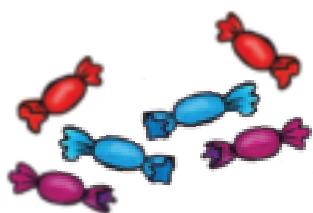
Etsa dihlopha tsa pedi.

Etsetsa sehlopha ka seng sa pedi sedikadikwe.



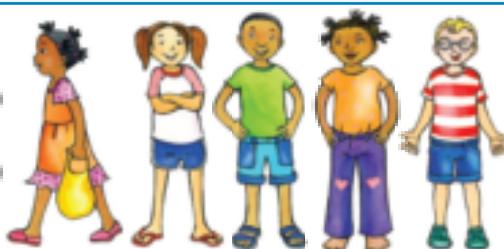
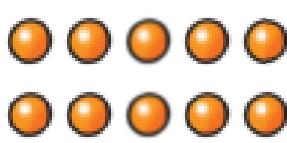
Ke dihlopha tse kae tsa diapole  
moo?

Ngwana ka mong o tla fumana  
diapole tse kae?



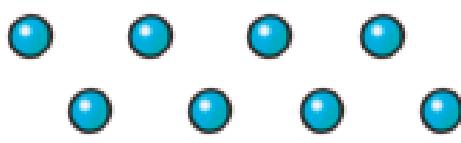
Ke dihlopha tse kae tsa  
dipompong moo?

Ngwana ka mong o tla fumana  
dipompong tse kae?



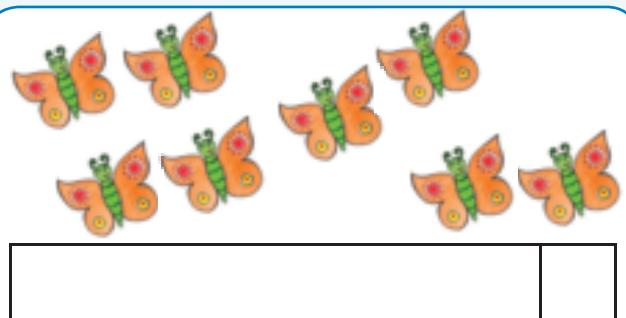
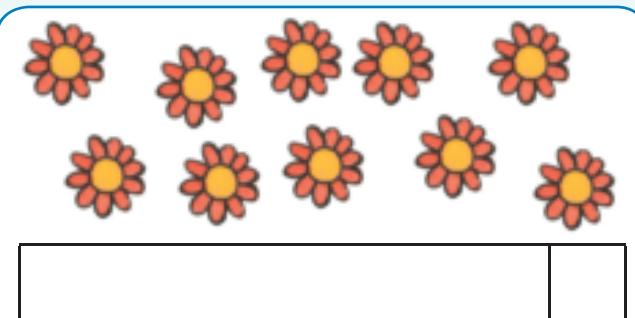
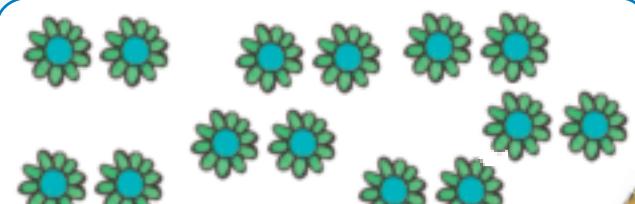
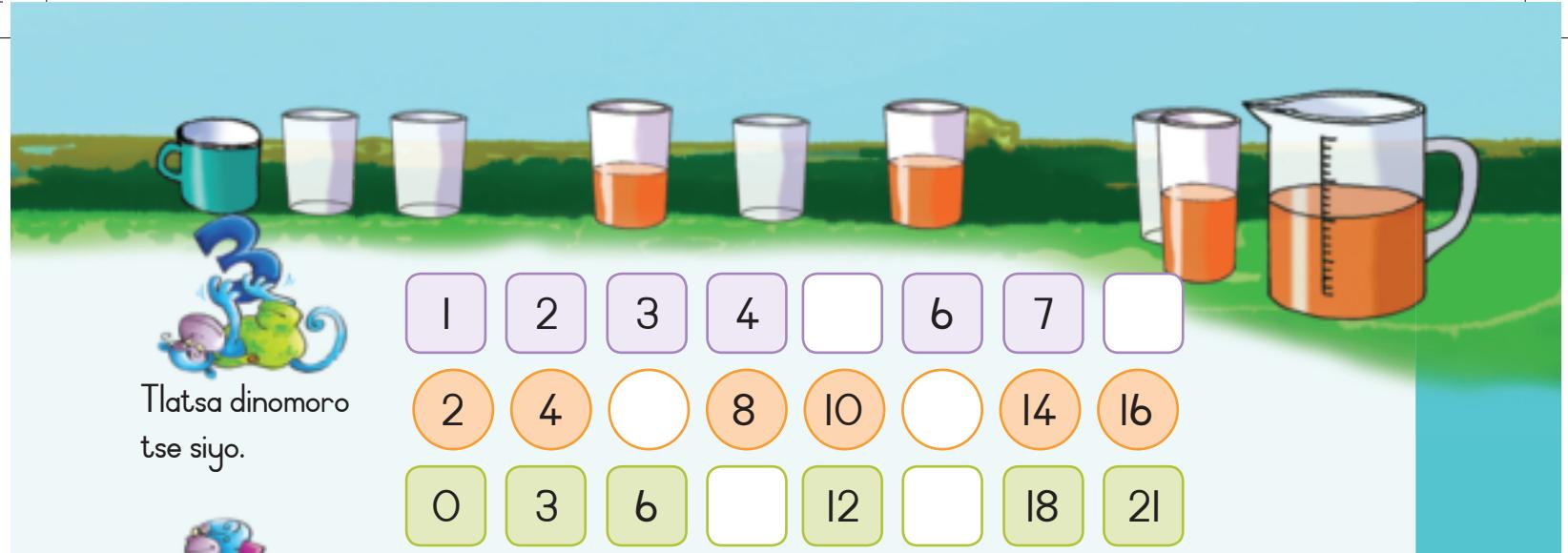
Ke dihlopha tse kae tsa  
dimabolke moo?

Ngwana ka mong o tla  
fumana dimabole tse kae?

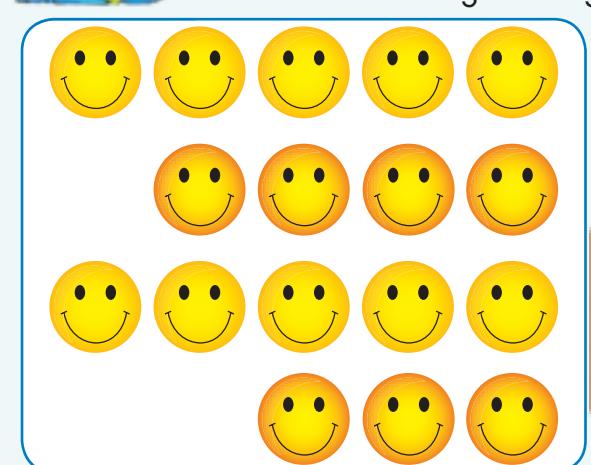


Ke dihlopha tse kae tsa  
dimabole moo?

Ngwana ka mong o tla  
fumana dimabole tse kae?



$2 + 2 + 2 =$	<input type="text"/>
$2 + 2 + 2 + 2 =$	<input type="text"/>
$2 + 2 + 2 + 2 + 2 =$	<input type="text"/>
$2 + 2 + 2 + 2 + 2 + 2 =$	<input type="text"/>
$2 + 2 + 2 + 2 + 2 + 2 + 2 =$	<input type="text"/>



q3



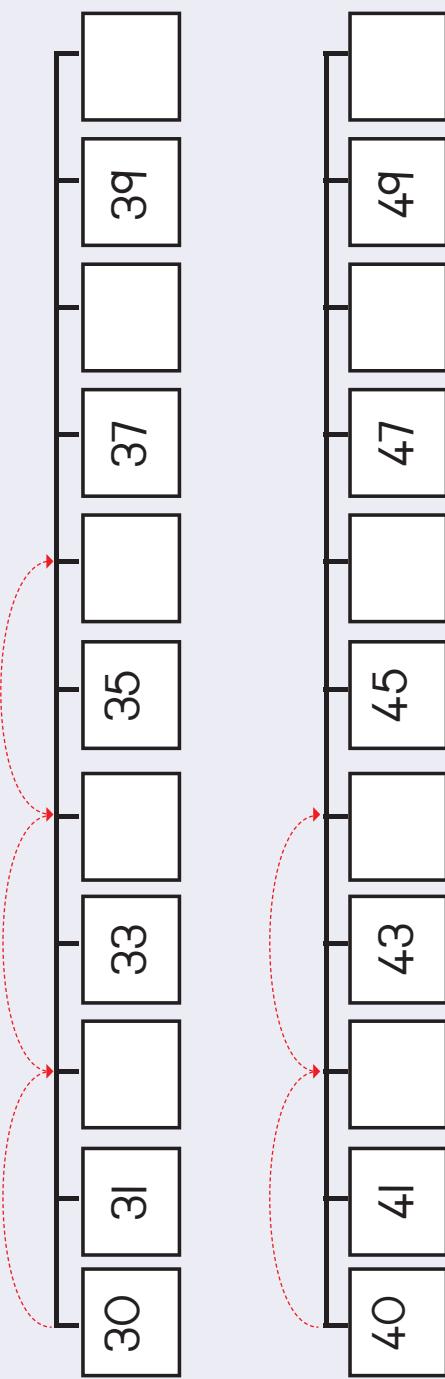
Letsatsi:

## Dipaterone tsa dinomoro 2 ho isa ho 50

Kotara ya 3



Seha dinomoro tse siyo ho tswa ho Sesehwa 2 mme o di mamarisetse palomoleng. Hape phethela dihupu.



Phethela paterone ka ho khalara dinomoro tse nepahetseng.

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



Taka dihupu ho bontsha tse latelang:

30, 32, 34

28 30 32 34 36 38

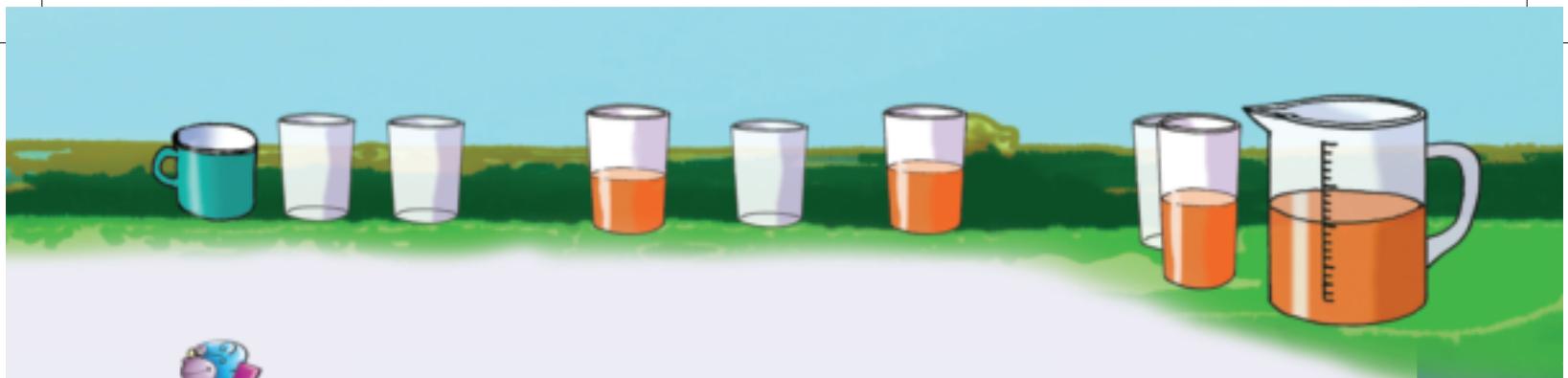
40, 42, 44

38 40 42 44 46 48

46, 48, 50

40 42 44 46 48 50

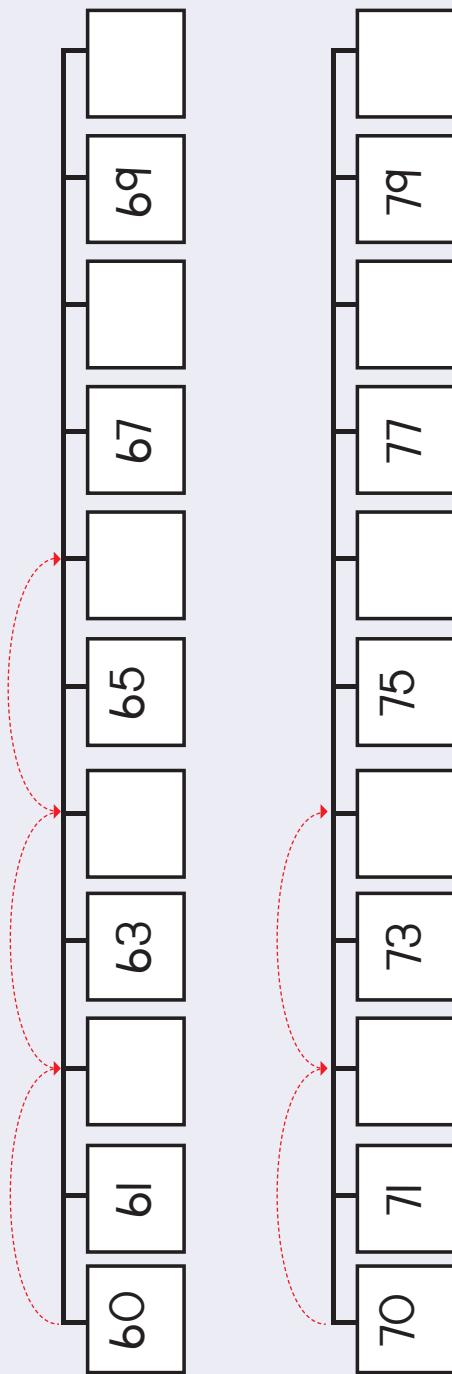




Seha dinomoro ho tswa ho Sessehwa 2 mme o di behe hodima palomola. Phethela dihupu.



Phethela paterone ka ho khalara dinomoro tse nepahetseng.

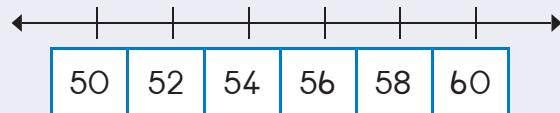


61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80

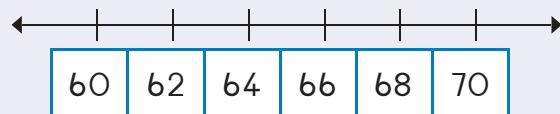


Taka dihupu ho bontsha tse latelang:

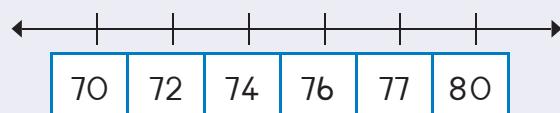
54, 56, 58



64, 66, 68



72, 74, 76



Teacher:  
Sign:  
Date:



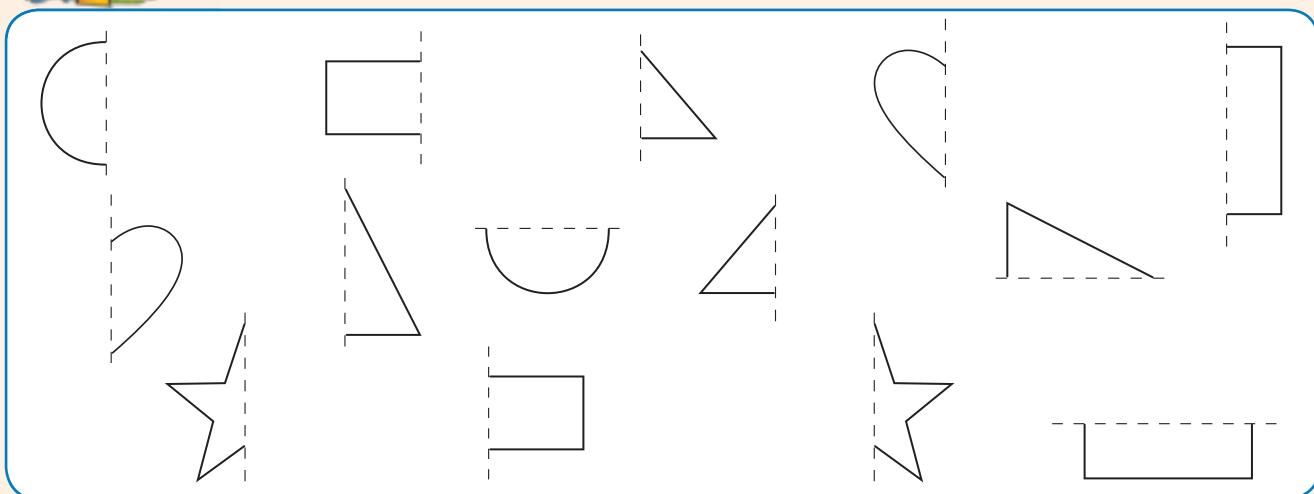
q4



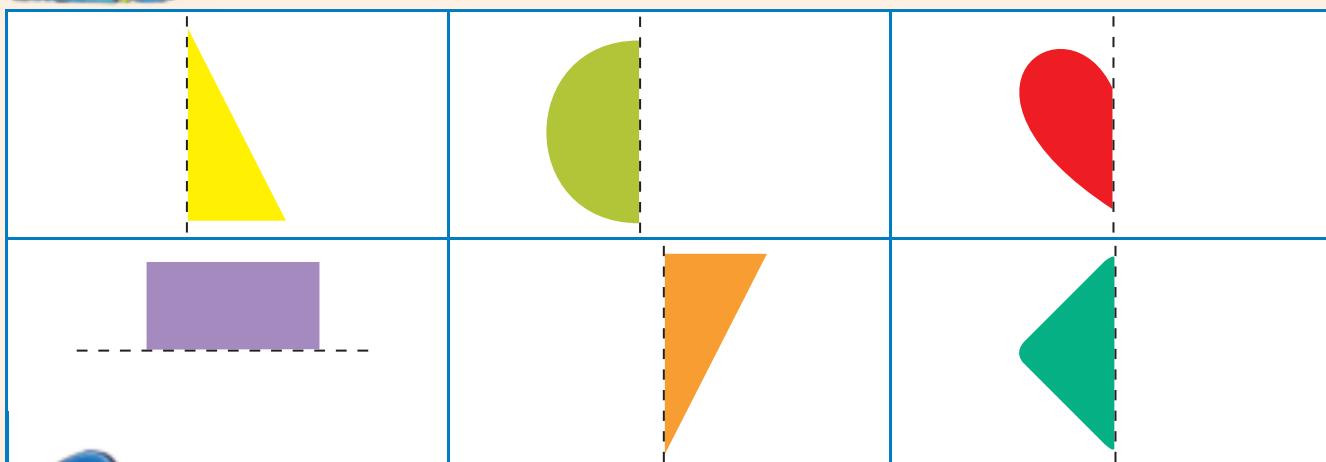
Kotara ya 3



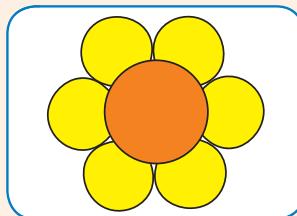
Khalara dikarolo tse pedi sa seboleho tse tla etsa seboleho se le seng.



Taka halofo e nngwe mme o e khalare.



Taka mola ho arola ditshwantsho tsena dikarolo tse pedi hore mahlakore ka bobedi a shebahala ka ho tshwana hantle.



60

0

1

2

3

4

5

6

7

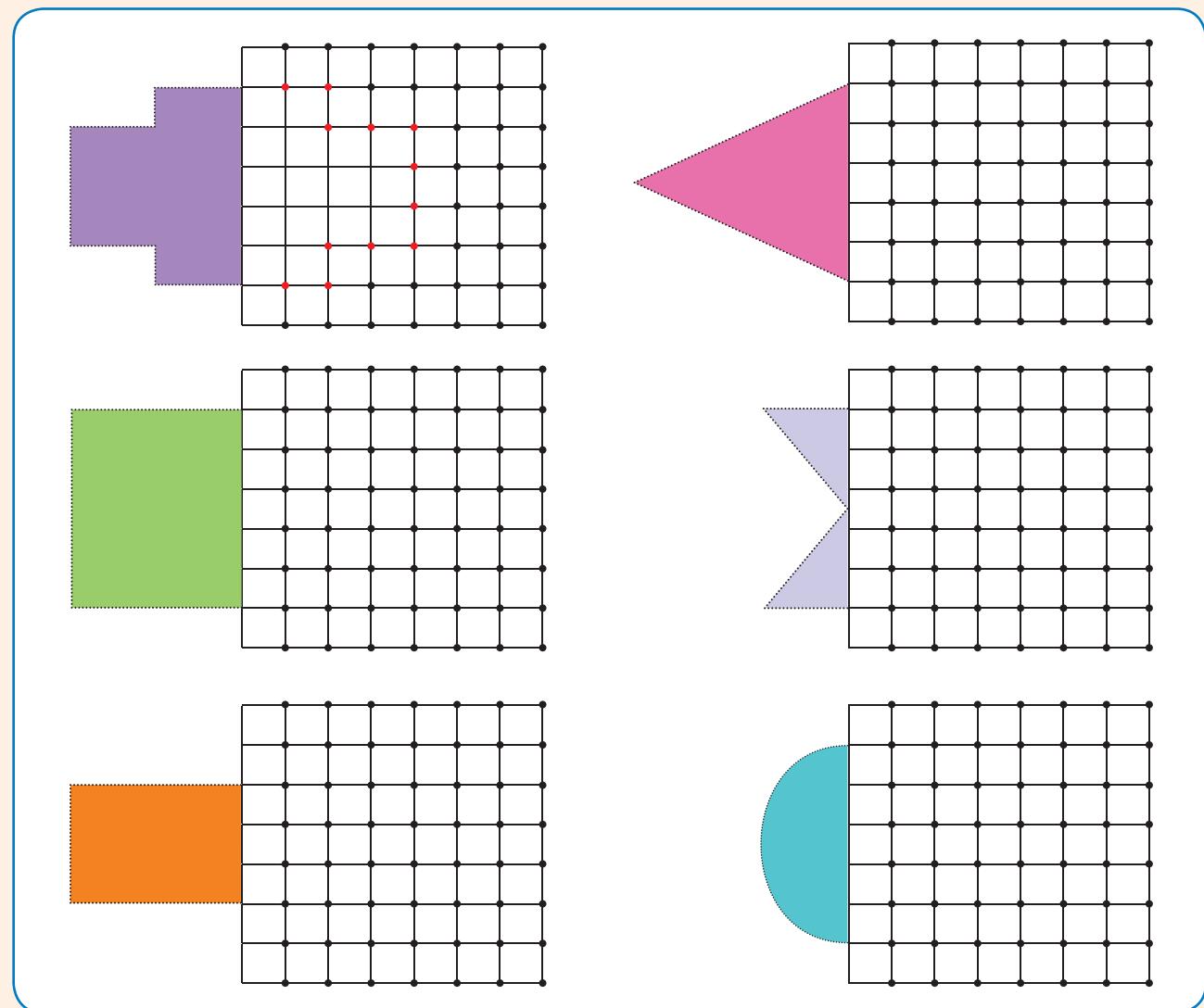
8

9

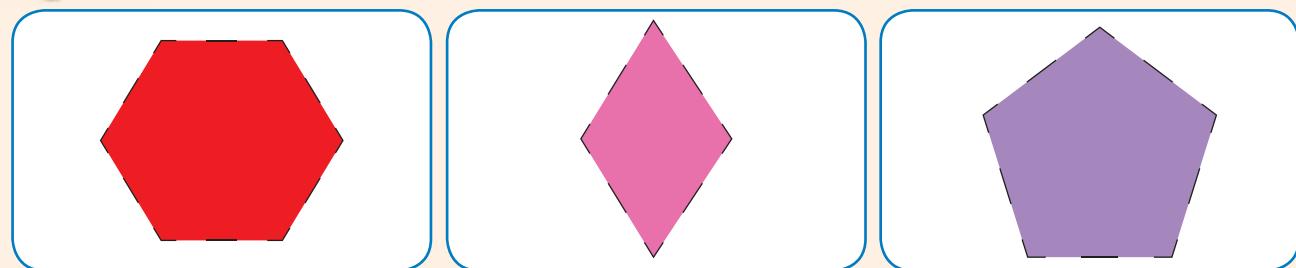
10



Taka halofo e nngwe ya seboleho o sebedisa bolo ho o tataisa.



Taka mola ho arola diboleho tsena dikarolo tse pedi tse shebahalang ka ho tshwana hantle.



11    12    13    14    15    16    17    18    19    20



Teacher:  
Sign:  
Date:



q5



Kotara ya 3

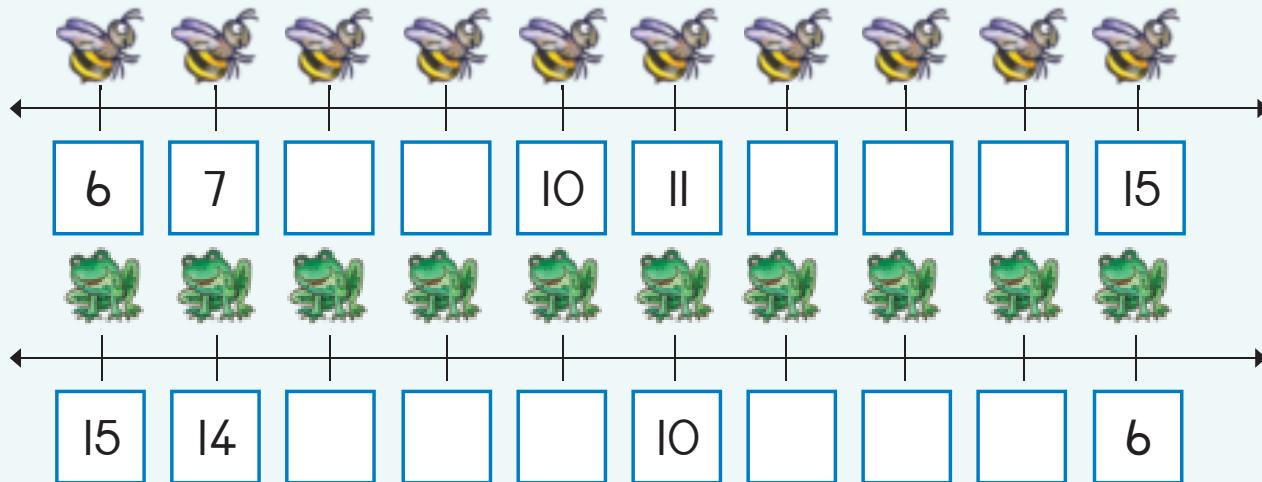


Tlatsa dinomoro tse siyo.

10	II	<input type="text"/>	<input type="text"/>	<input type="text"/>	15
q	10	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



Tlatsa dinomoro tse siyo.



Tlatsa karabo.

$10 + 1 =$	<input type="text"/> II
$10 + 2 =$	<input type="text"/>
$10 + 5 =$	<input type="text"/>
$10 + 3 =$	<input type="text"/>

$15 - 10 =$	<input type="text"/>
$14 - 10 =$	<input type="text"/>
$12 - 10 =$	<input type="text"/>
$II - 10 =$	<input type="text"/>



62

0

1

2

3

4

5

6

7

8

9

10



Sebetsa palo yam mala ka nngwe ebe o khalaria sekotwana sa  
morabaraba se nepahetseng se nang le nomoro e nepahetseng  
Sebedisa mmala o le mong. Re o etseditse ya pele.



10 + 1 ka bofubedu



10 + 3 ka bopinki



10 + 5 ka bobolou



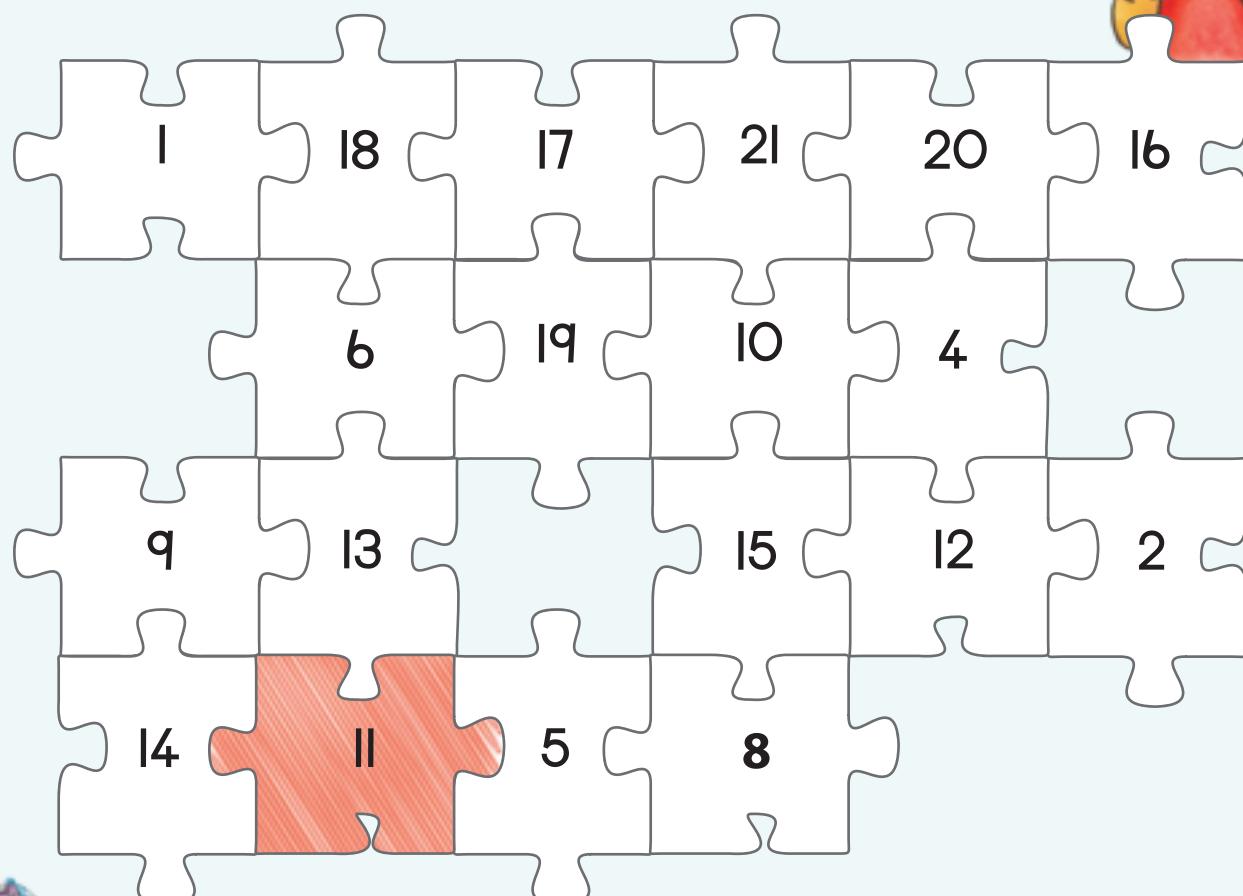
10 + 4 ka bosehla



10 + 0 ka botala



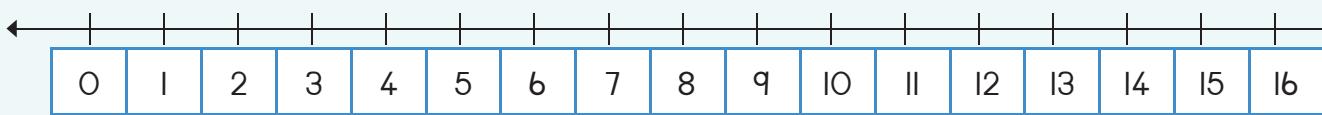
10 + 2 ka mmala wa lamunu



Bontsha leshome le nne palomoleng:



Teacher: Sign:
Date:



11 12 13 14 15 16 17 18 19 20



96

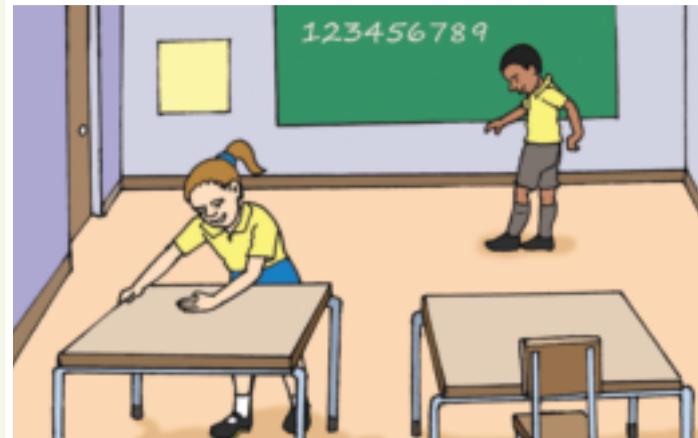


Kotara ya 3



Metha bolelele le bophara ba tafole kapa  
deseke o sebedisa bolelele ba matsoho  
a hao. Ke matsoho ha kae boleleleng ba  
tafole?

Ke bolelele ha kae bakeng sa bophara?

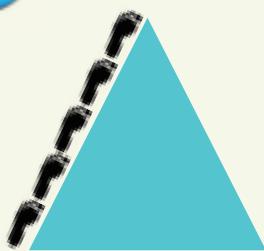


Bolelele ke matsoho ha  
kae a \_\_\_\_\_.

Bophara ke matsoho ha  
kae a \_\_\_\_\_.



Ke maoto ha kae ka lehlakoreng?



Tlatsa karabo.



Bolelele ke matsoho ha  
kae a \_\_\_\_\_.



0

1

2

3

4

5

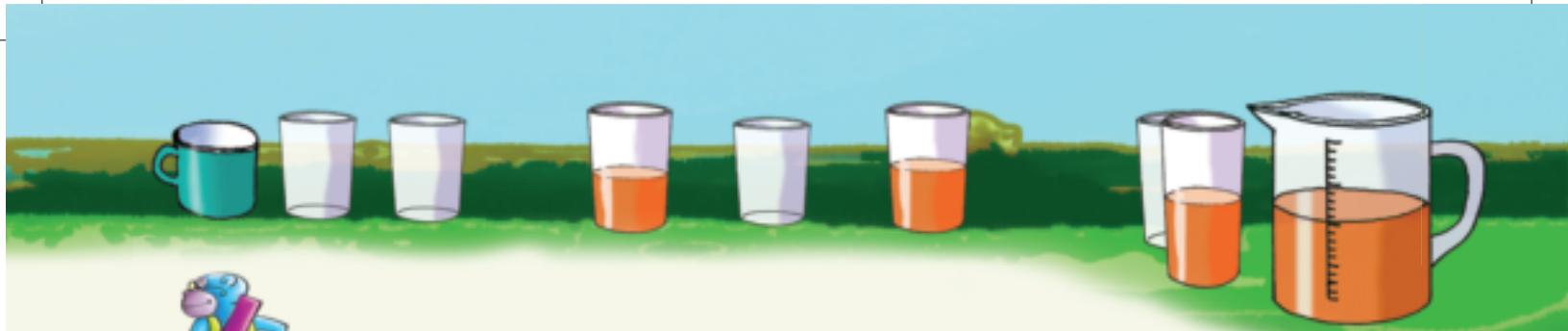
6

7

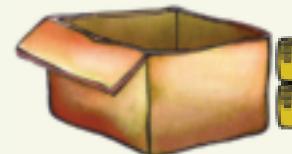
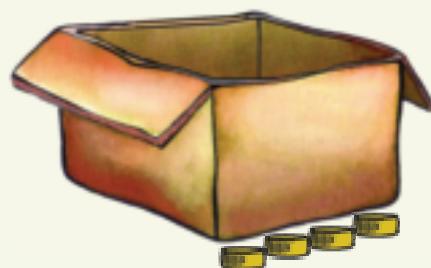
8

9

10



Bolelele le bopphara ba lebokose lena ke eng?

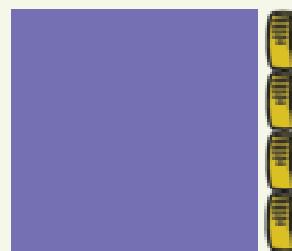
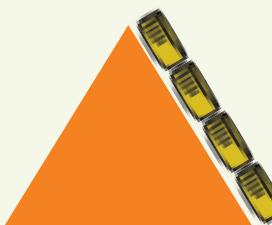


Bolelele ke dikawhelo tsa botlololo tse  
\_\_\_\_\_.

Bophara ke dikwahelo tsa botlololo tse  
\_\_\_\_\_.



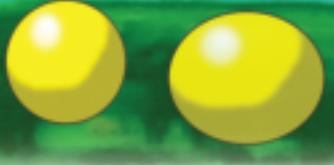
Lehlakore ke dikwahelo tsa botlololo tse kae?



Teacher:  
Sign:  
Date:



97



Kotara ya 4

## Nomoro 16

Boikgopotso:

Kwetlisa ho ngola lebitso la palo mme o phethelle pateronne.

7

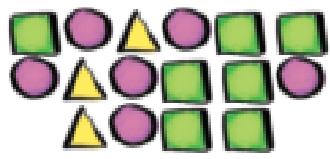
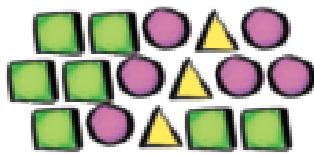
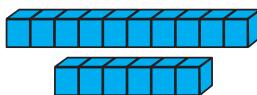
supa



Nyalanya ditshwantsho.



Tereisa dinomoro.

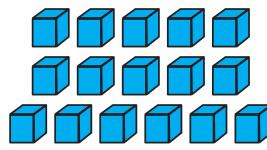


16

10

6

16



10  
6

16 16 16 16

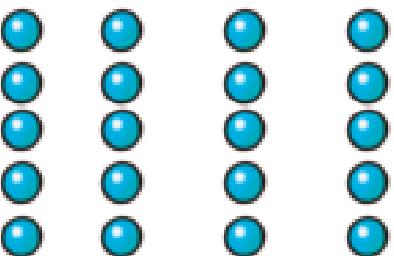
leshome le metso e tsheletseng

16 16 16 16

leshome le metso e tsheletseng



Etsetsa difaha tse 16  
feela sedikadikwe.



Ho setse tse kae? \_\_\_\_\_



Taka dintho tse 16.

Jwale di take  
ka tsela e fapaneng.



Tlatsa nomoro e siyo.

2	3	4
19		21
17		19



Phethela tafole. Mola ka mong o na le  
setshwantsho, nomoro le lebitso la nomoro.

	16	
		leshome le metso e tsheletseng



Nngwe tlaase ho 16  
ke bokae? \_\_\_\_\_

Nngwe ho feta 16  
ke bokae? \_\_\_\_\_



Nngwe tlaase ho leshome le metso e tsheletse ke bokae?

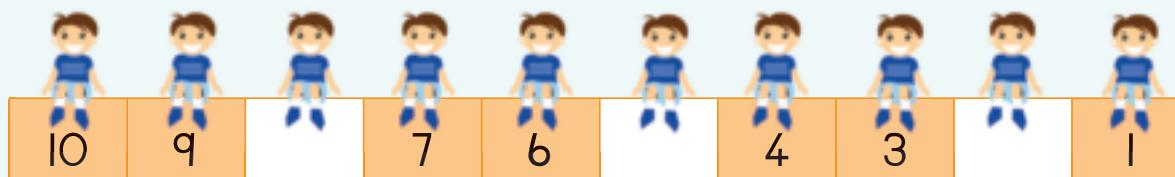
Pedi tlaase ho leshome le metso e tsheletse ke bokae?

Nngwe ho feta leshome le tsheletseng ke bokae?

Pedi ho feta leshome le metso e tsheletse ke bokae?



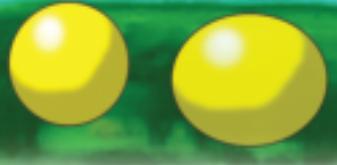
Tlatsa dinomoro tse siyo.



11 12 13 14 15 16 17 18 19 20



98



Kotara ya 4

## Nomoro 17

Boikgopotso:

Kwetlisa ho ngola lebitso la palo mme o phethela pateronne.

8

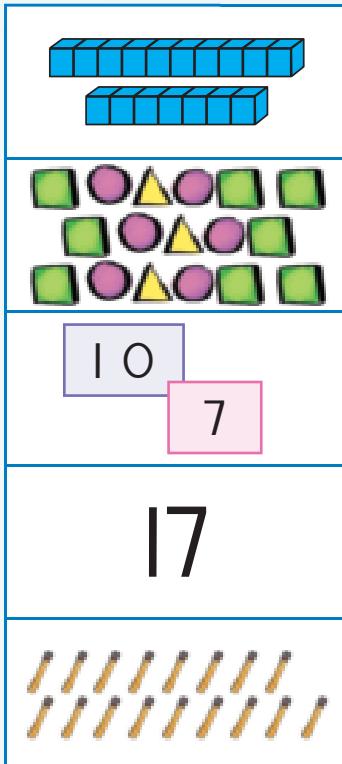
robedi



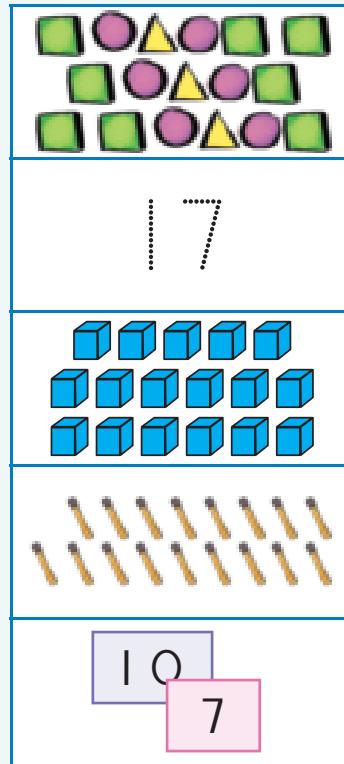
Nyalanya ditshwantsho.



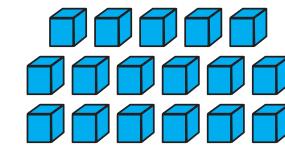
Tereisa dinomoro.



17



17



10  
7

17 17 17 17

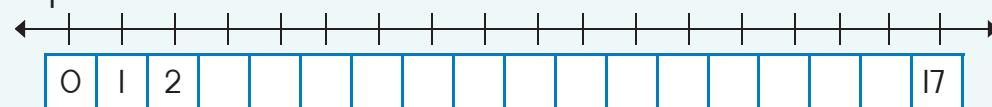
leshome le metso e supa

17 17 17 17

leshome le metso e supa



Phethela palomola.





Taka dintho tse 17.

Jwale di take  
ka tsela e fapaneng.



Ke nomoro efe e  
tlang kamorao?

16	17	
24	25	
17	18	



Phethela tafole.  
Mola ka mong o na  
le setshwantsho,  
nomoro le lebitso la  
nomoro.

		17	
			leshome le metso e supa



Nngwe tlaase ho leshome le metso e supa ke bokae?

Pedi tlaase ho leshome le metso e supa ke bokae?

Nngwe ho feta leshome le metso e mmedi ke bokae?

Pedi ho feta leshome le metso e supa ke bokae?



Tlatsa dinomoro tse siyo.

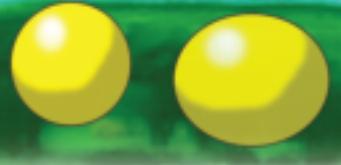
Tseno di bitswa hape palo e  
sa aroleheng ka pedi.

	2		4		6		8		10
	12		14		16		18		20

11 12 13 14 15 16 17 18 19 20



qq



Kotara ya 4

## Nomoro 18

Boikgopotso:

Kwetlisa ho ngola lebitso la palo mme o phethela pateronne.

q

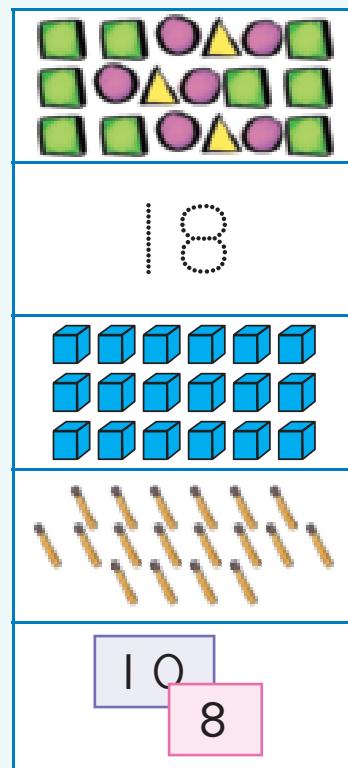
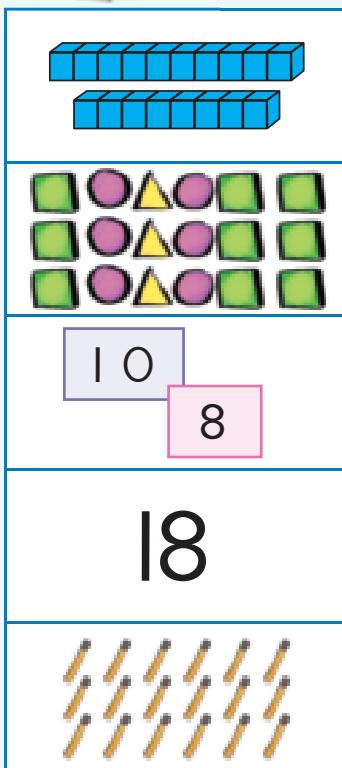
robong



Nyalanya ditshwantsho.



Tereisa dinomoro.



18 18 18 18

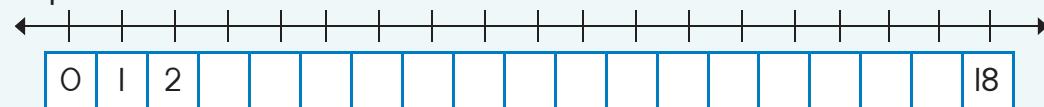
leshome le metso e robedi

18 18 18 18

leshome le metso e robedi



Phethela palomola.



0 1 2 3 4 5 6 7 8 9 10



Taka dintho tse 18.

Jwale di take  
ka tsela e fapaneng.



Ke nomoro efe e tlang  
kamorao?

8	q	
33	34	
0	I	



Phethela tafole.  
Mola ka mong o na  
le setshwantsho,  
nomoro le lebitso  
la nomoro.

	18	
		leshome le metso e robedi



Nngwe tlaase ho leshome le metso e robedi ke bokae?

Pedi tlaase ho leshome le metso e robedi ke bokae?

Nngwe ho feta leshome le metso e robedi ke bokae?

Pedi ho feta leshome le metso e robedi ke bokae?



Tlatsa nomoro e siyo.

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



Teacher:

Sign:

Date:



100



Kotara ya 4

## Nomoro 19

Boikgopotso:

Kwetlisa ho ngola lebitso la palo mme o phethelé pateronne.

10

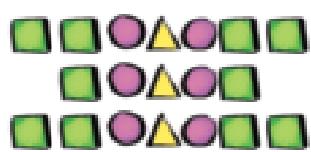
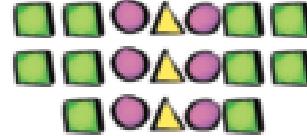
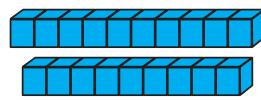
leshome



Nyalanya ditshwantsho.



Tereisa dinomoro.

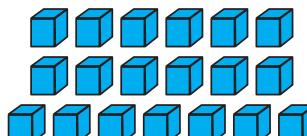


19

10

9

19



10  
9

19 19 19 19

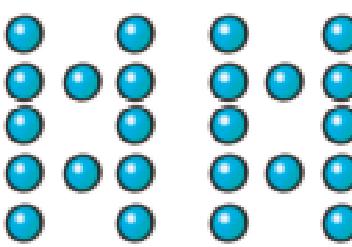
leshome le metso e robong

19 19 19 19

leshome le metso e robong



Etsetsa difaha tse 19  
feela sedikadikwe.



Ho setse tse kae? \_\_\_\_\_



Taka dintho tse 19

Jwale di take  
ka tsela e fapaneng.



Ke nomoro efe e  
mahareng?

14		16
35		37
8		10



Phethela tafole.

Mola ka mong o na le setshwantsho, nomoro le lebitso la nomoro.

	19	
		leshome le metso e robong



Nngwe tlaase ho 19 ke bokae?

Pedi tlaase ho 19 ke bokae?

Nngwe ho feta 19 ke bokae?

Pedi ho feta 19 ke bokae?



Tlatsa dinomoro tse siyo.

Tsena di bitswa hape  
dipalo tse arolehang ka  
pedi.

I		3		5		7		9	
II		13		15		17		19	

11 12 13 14 15 16 17 18 19 20



Teacher:  
Sign:  
Date:



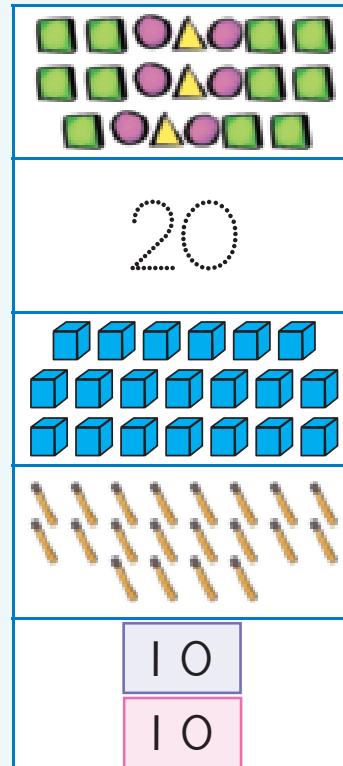
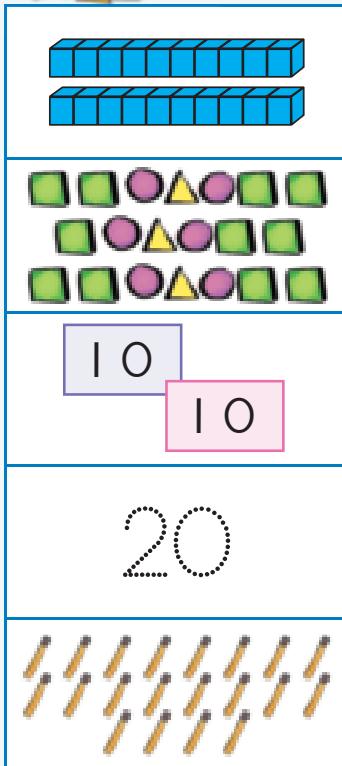
101



Kotara ya 4



Nyalanya ditshwantsho.



Tereisa dinomoro.

20 20 20 20

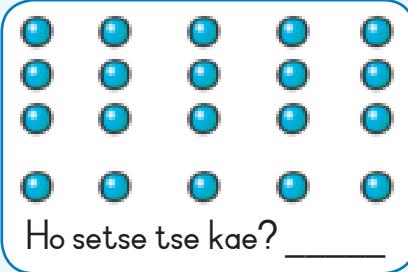
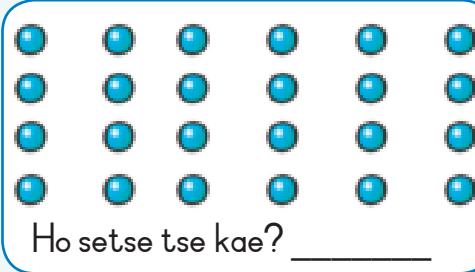
mashome a mabedi

20 20 20 20

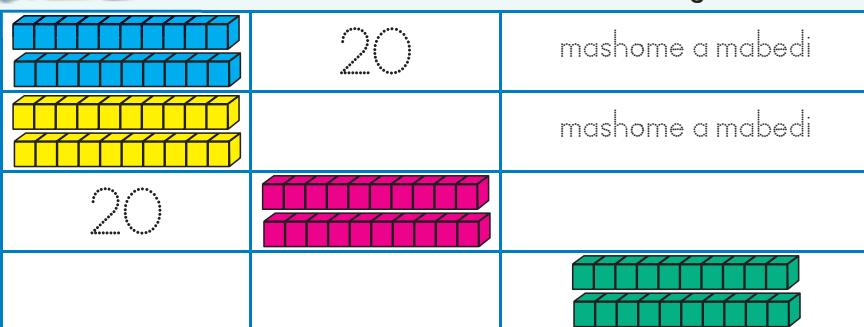
mashome a mabedi



Etsetsa difaha  
tse 20 feela  
sedikadikwe.



Phethela tafole. Mola ka mong o na le  
setshwantsho, nomoro le lentswe la yona.



Nngwe tlaase ho 20  
ke bokae? \_\_\_\_\_

Nngwe ho feta 20  
ke bokae? \_\_\_\_\_



0 1 2 3 4 5 6 7 8 9 10



Kopanya  
nomoro ho  
lentswe.

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

nne
hlano
robong
tharo
leshome le motso o le mong
leshome le metso e mmedi
nngwe
pedi
robedi
letho
hlano
tshelela
leshome le metso e meraro
leshome
leshome le metso e mene



Tlatsa nomoro e siyo.

Pele		Kamorao
16	17	
	12	
	14	
	9	10
	6	



Sebedisa mantswe ana tlaase  
le feta ho phethela tsena:

$$35 \text{ e } \underline{\quad} \text{ ho } 38$$

$$79 \text{ e } \underline{\quad} \text{ 65}$$



Teacher:  
Sign:  
Date:

102



Kotara ya 4

## Ho kopanya



Etsetsapalo e kgolo bolokong ka nngwe sedikadikwe.

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

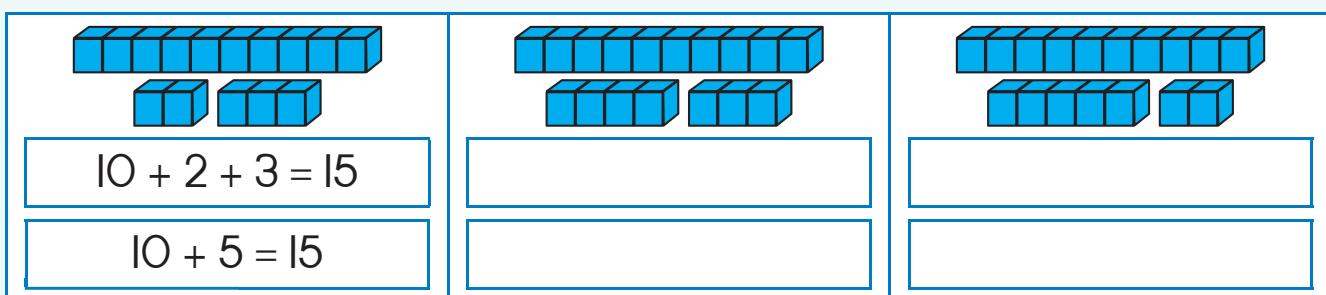


Kopanya tse latelang:  
Qala ka ho beha palo e  
kgolo pele.

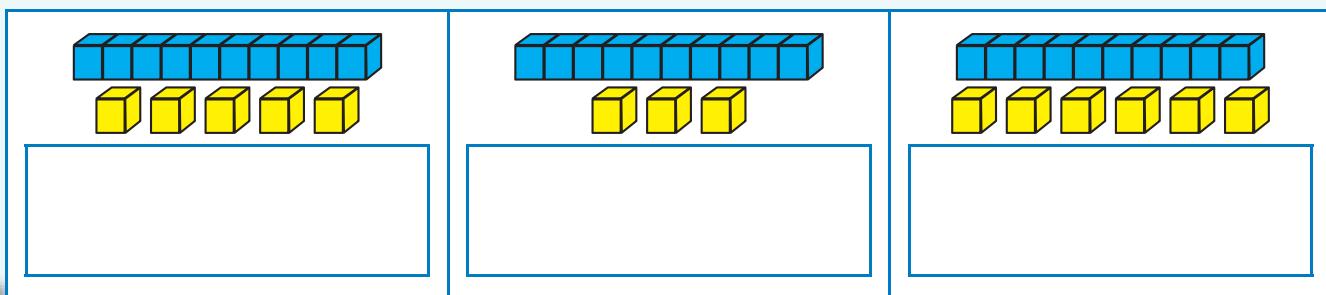


Kopanya diboloko.

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



Ngola palopolelo ya tse latelang:



76

0

1

2

3

4

5

6

7

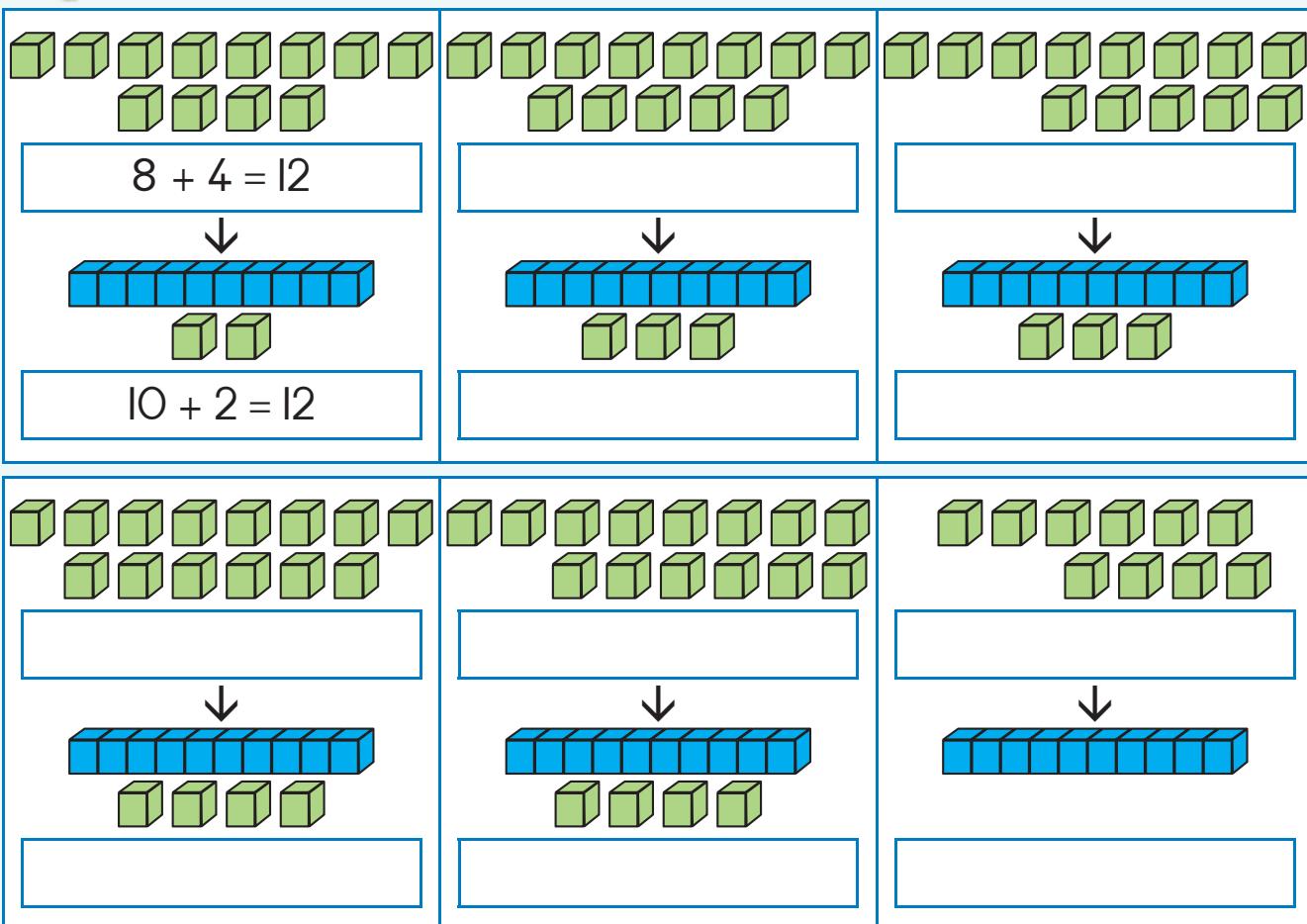
8

9

10



Ngola palopolelo bakeng sa e nngwe le e nngwe ya tse latelang:



Tlatsa dinomoro tse siyo.

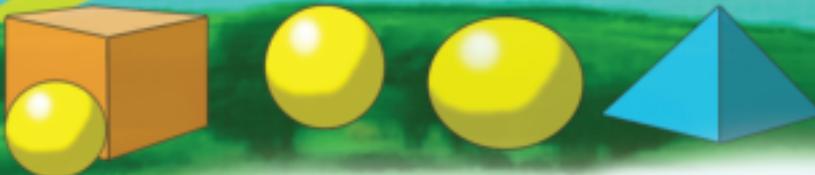
	+	14	=	17
9	+		=	20
12	+	8	=	
15	+		=	20
	+	6	=	13
14	+	3	=	0



Teacher:  
Sign:  
Date:



103

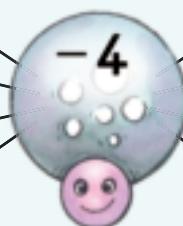


Kotara ya 4



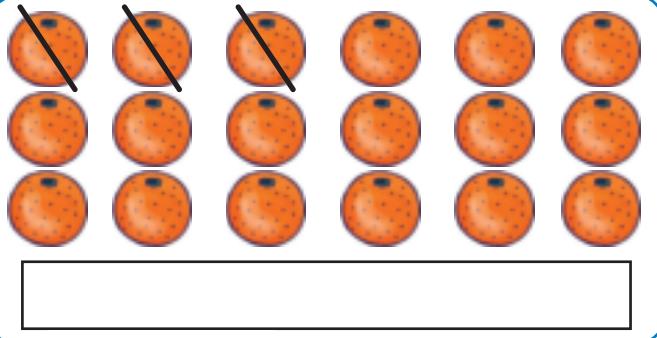
Sebetsa.

17
19
14
12





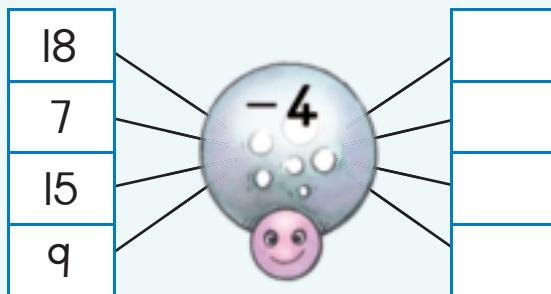
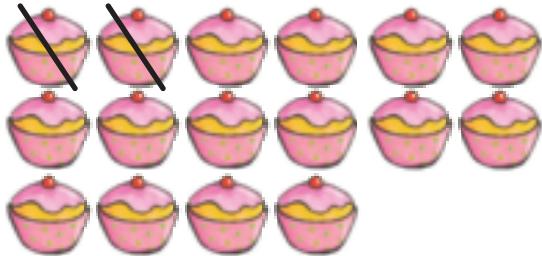

Ngola palopolelo.



Ngola palopolelo.



Sebetsa.



Phethela dipalo o sebedisa ditshwantsho.



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

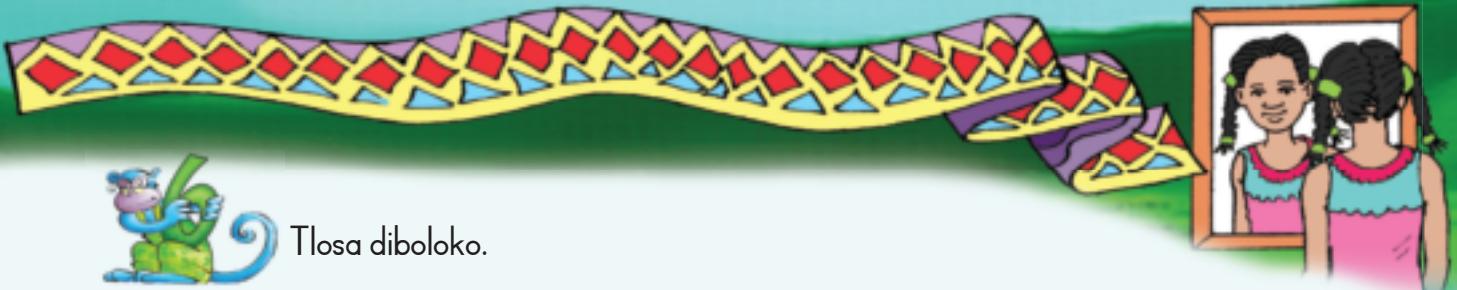


$$10 + \boxed{\quad} = \boxed{\quad}$$



78

0 | 2 3 4 5 6 7 8 9 10



Tlosa diboloko.

 $(10 + 3) - 2 =$ <input type="text"/> $13 - 2 =$ <input type="text"/>	 $(10 + 3) - 2 =$ <input type="text"/>	 $(10 + 3) - 2 =$ <input type="text"/>
------------------------------------------------------------------------------------	----------------------------------------------	----------------------------------------------



Sebetsa tse latelang:

$11 + 7 =$ <input type="text"/> $11 + 4 +$ <input type="text"/> $=$ <input type="text"/>	$11 + 7 =$ <input type="text"/> $11 + 5 +$ <input type="text"/> $=$ <input type="text"/>
$19 - 7 =$ <input type="text"/> $19 - (5 +$ <input type="text"/> $) =$ <input type="text"/>	$17 - 9 =$ <input type="text"/> $17 - (7 +$ <input type="text"/> $) =$ <input type="text"/>



Phethela tse latelang:

5 habedi ke	<input type="text"/>	3 habedi ke	<input type="text"/>	4 habedi ke	<input type="text"/>
7 habedi ke	<input type="text"/>	2 habedi ke	<input type="text"/>	8 habedi ke	<input type="text"/>
10 habedi ke	<input type="text"/>	9 habedi ke	<input type="text"/>	1 habedi ke	<input type="text"/>

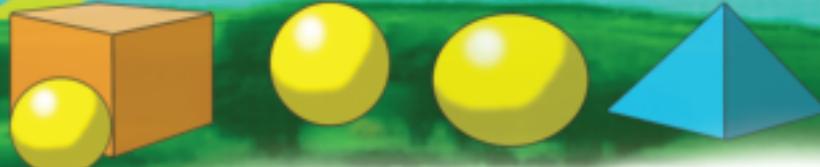


Araba tse latelang:

$9 + 9 - 1 =$	<input type="text"/>	kapa	$9 - 1$ habedi =	<input type="text"/>
	<input type="text"/>	kapa	$5 - 1$ habedi =	<input type="text"/>
$4 + 4 - 1 =$	<input type="text"/>	kapa		



104



Kotara ya 4



Bala hore dikatse tse dutseng letsatsing dikae.  
Bosiu tse ding tsa tsona di ya kamora lebota hoy a robala.  
Sebetsa hore tse kamora lebota dikae mme o ngole karabo.

$$3 + \boxed{\quad} = 8$$
$$4 + \boxed{\quad} = 8$$


Rarolla tse latelang.  
O ka etsa setshwantsho ho o thusa.



Lerato o ne a na le dilamunu tse 4. Peter a mo neha tse 13.  
O na le dilamunu tse kae jwale?

Mandla o na le dikerayone tse 5. Anne o na le tse 8.  
Ke mang ya nang le dikerayone tse tlaase ho e mong?



80

0

1

2

3

4

5

6

7

8

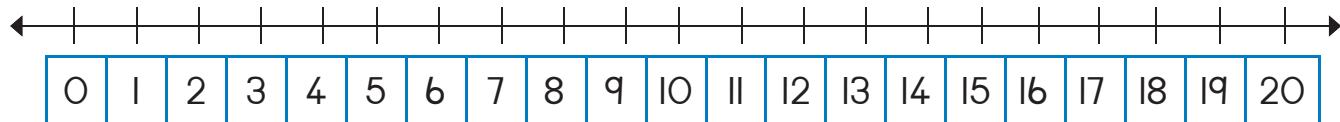
9

10

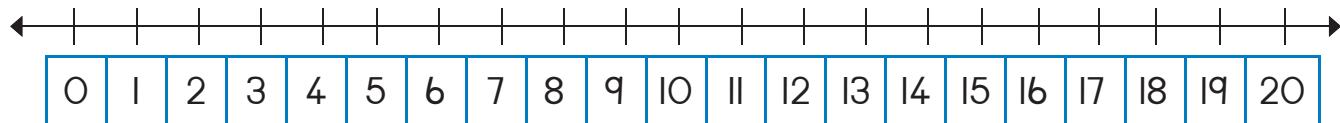


Sebedosa palomola ho rarolla tse latelang:

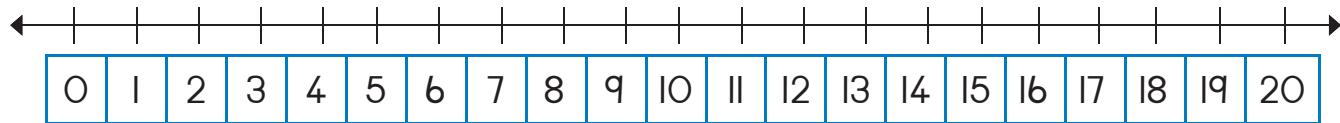
Thandi o na le dimabole tse **6** tse tala le tse **9** tse bolou.  
O na le dimabole tse kae?



Lerato o na le dimabole tse **16**. Tse robedi di tala mme tse setseng di bolou.  
Lerato o na le dimabole tse kae tse bolou?



Thandi o na le dipanana tse **19**. Themba o na le tse **10**.  
Thandi o na le dipanana tse kae ho feta Themba?



Ke dinomoro dife tse pakeng tsa **25** le **30**?



Etsetsa palo e kgolo ho **76** ka **1** sedikadikwe.

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



Etsetsa palo e kgolo ho **76** ka **2** sedikadikwe.

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

105



Kotara ya 4



Ke mang ya tswileng pele lebelong?  
Ngola boemo ba bona tlasa bona.

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



Ba take  
sefaleng.

Silivera	Gauta	Boronse



Etsa kgwele ya  
sefaha tjena:

Sefaha sa pele se bolou  
Sefaha sa bobedi se sekgubedu  
Sefaha sa boraro se setala  
Sefaha sa bone se sesehla  
Sefaha sa bohlano se bolou  
Sefaha sa botshelela se sekgubedu  
Sefaha sa bosupa se setala  
Sefaha sa borobedi se sesehla  
Sefaha sa borobong se bolou  
Sefaha sa leshome se sekgubedo

Ke mang ya fumaneng gauta?

Ke mang ya fumaneng silivera?

Kgwele ya ka ya sefaha.



82

0 1 2 3 4 5 6 7 8 9 10



Tadima tatellano ya dibopeho.  
 Kopa dibopeho dibakeng tse nepahetseng tafoleng.  
 Re o etseditse ya pele.



### Ke seboleho sefe sa:

Bone		Bosupa	
Bohlano		Borobong	
Bobedi		Ho qetela	
Boraro		Botshelela	



Etsa tse latelang:



Khalara sedikadikwe sa pele ka bokgubedu.



Khalara sedikadikwe sa bohlano ka bosehla.



Khalara sedikadikwe sa bororbedi ka bobolou.

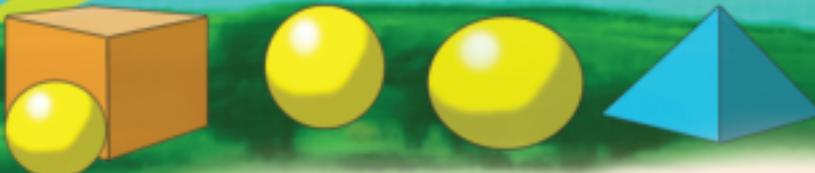


Taka molapalo 10 ho isa ho 20.

Etsetsa nomoro ya boraro le ya borobedi sedikadikwe.



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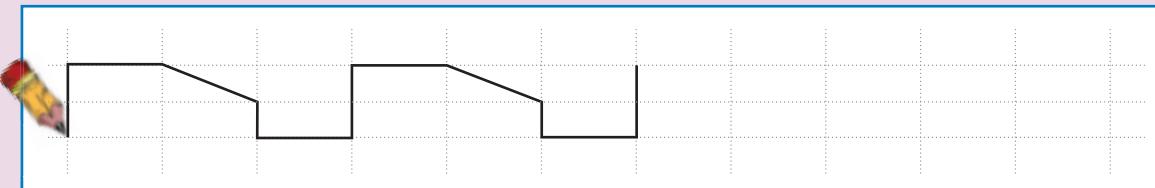


Kotara ya 4

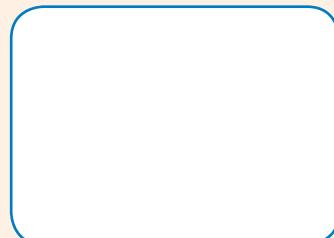
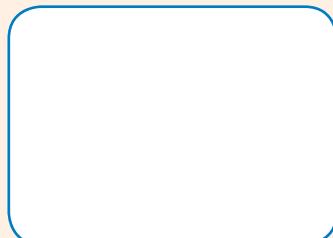
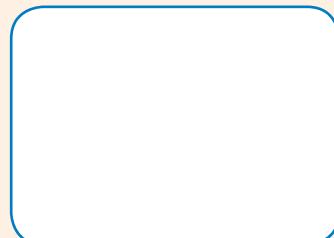
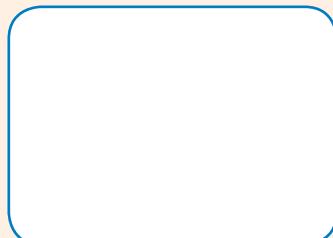
## Dintho le dibopeho

Boikgopotso:

Boikgopotso: Phethela paterone.



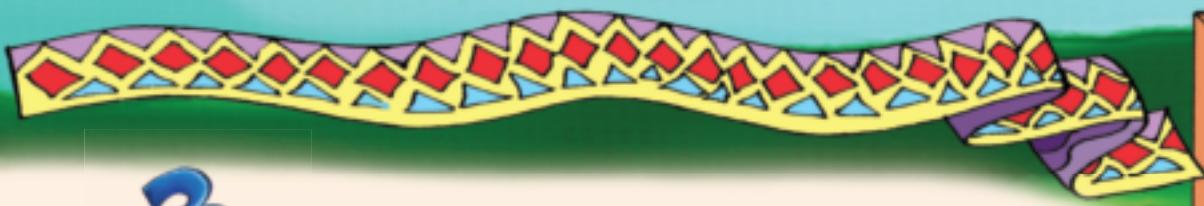
Fumana ditshwantsho tse pedi tsa bolo le tse pedi tsa lebokose koranteng kapa lesedinyaneng mme o dimamarisetse ka tlaase.



Etsetsa dintho tsohle tse ka thellang sedikadikwe se bolou.

Etsetsa dintho tsohle tse ka thethehang sekwere se sekqubedu.





Tereisa lentswe mme o take ntho.

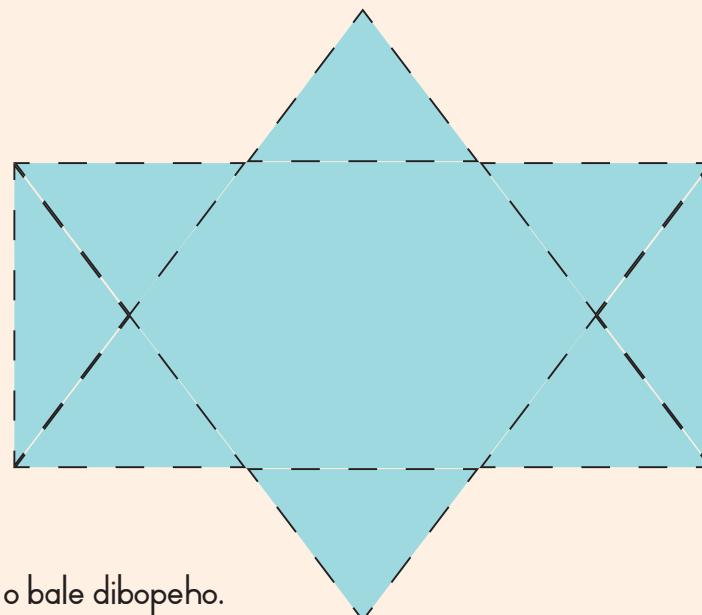


lebokose

bolo



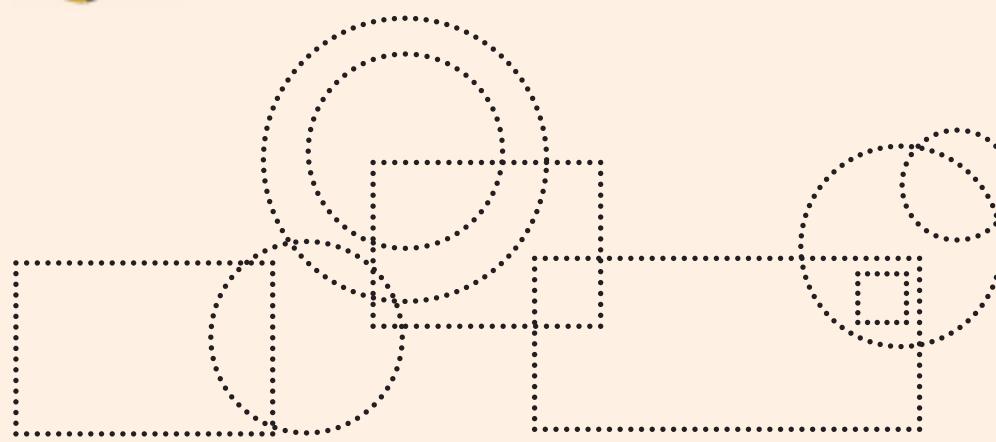
Bala dikgutlotharo kaofela mme o ngole palo.



Karabo:



Tereisa mme o bale dibopeho.



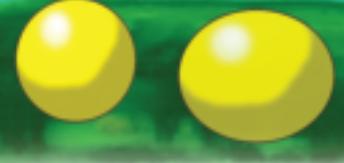
Didikadikwe



Dikwere



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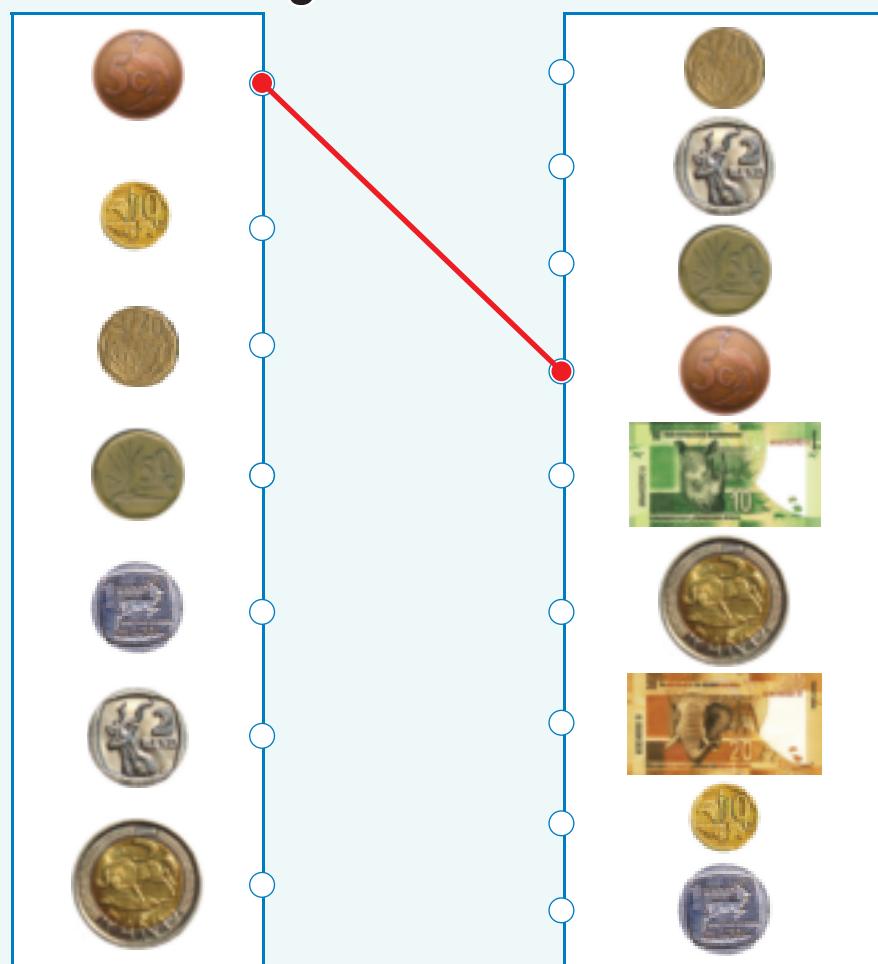
Kotara ya 4



Ke dikhoini dife  
tseo o ka di  
nyalanyang?



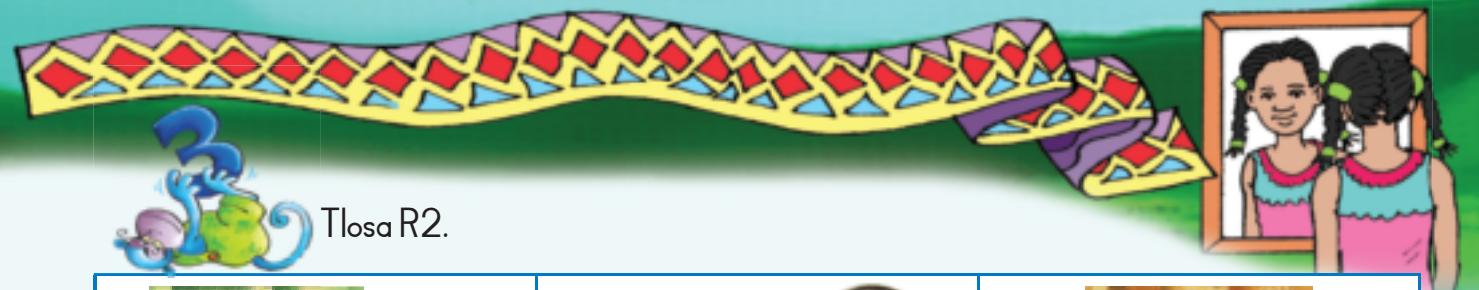
Tshwaya dikhoini le tjhelete ya pampiri bolokong ka bong tse tla o  
neha tse latelang:



RIO		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
-----	--	-----------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

R20		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
-----	--	-----------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

RI5		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
-----	--	-----------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------



Tlosa R2.

RI2 – R2 = RIO		



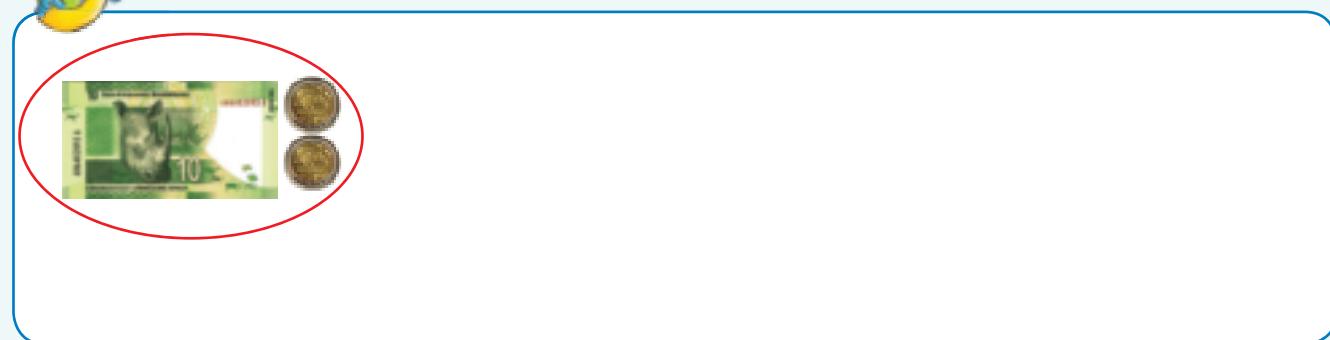
Tlosa R5.

RI5 – R5 = RIO		



O ka taka tsela dife tse fapaneng bakeng sa R20?

Re o etseditse ya pele.



Etsetsa khoini moleng ka mong sedikadikwe eo o ka rekang haholo ka yona.



Teacher:  
Sign:  
Date:



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Kotara ya 4

## Tjhelete hape

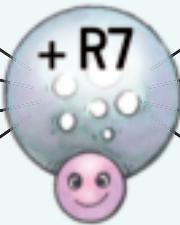


Kopanya.

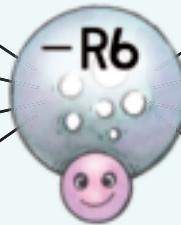


Kopanya.

R5
R9
R7
R4




RI3
RI5
RI7
RI4






Tlatsa karabo.



Ke efe e kgolo?  
Etsetsa karabo ya hao  
sedikadikwe.

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

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



Kopanya dinomoro ka mahlakore le hoy a tlaase mme o tlatse dikarabo.

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



0

1

2

3

4

5

6

7

8

9

10



Tadima mohlala  
ebe o phethela tse  
setseng.



James o rekile borotho ka R8.  
O lefile ka RIO ya pampiri.  
O fumane tjhentjhe e kae?



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

Potso ke eng?

---



---

Ngola dinomoro.

---

Ngola palo mme o e sebetse.

---



Mme wa Busi o rekile katiba ka  
RI7. O lefile ka diRIO tse pedi tsa  
pampiri. O fumane tjhentjhe e  
kae?



Letsatsi la tswalo la Judy le ne le le  
Moqebelo. O fumane R5 ho tswa ho  
ngwanaboo., R2 ho kgaitsemi ya hae le  
RIO ho motswala wa hae. O fumane  
tjhelete e kae ha e kopana?

Potso ke eng?

---



---

Ngola dinomoro.

---

Ngola palo mme o e sebetse.

---

Potso ke eng?

---



---

Ngola dinomoro.

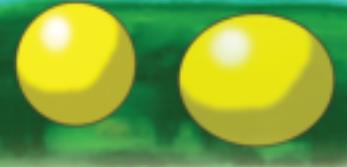
---

Ngola palo mme o e sebetse.

---



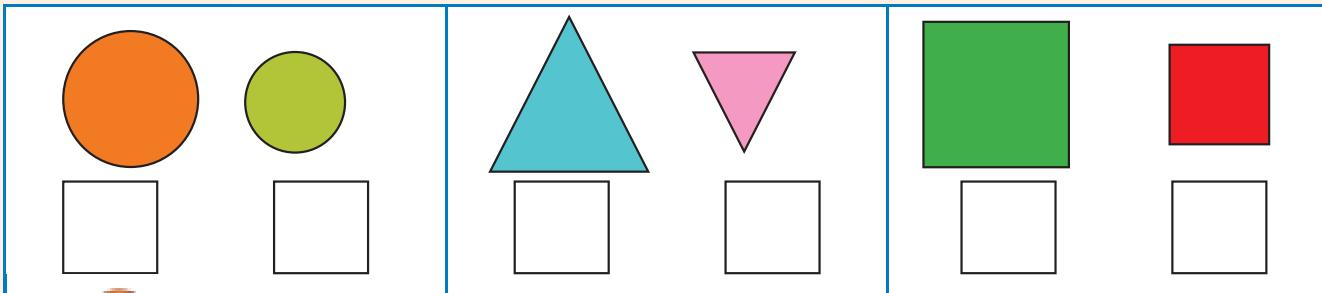
10q



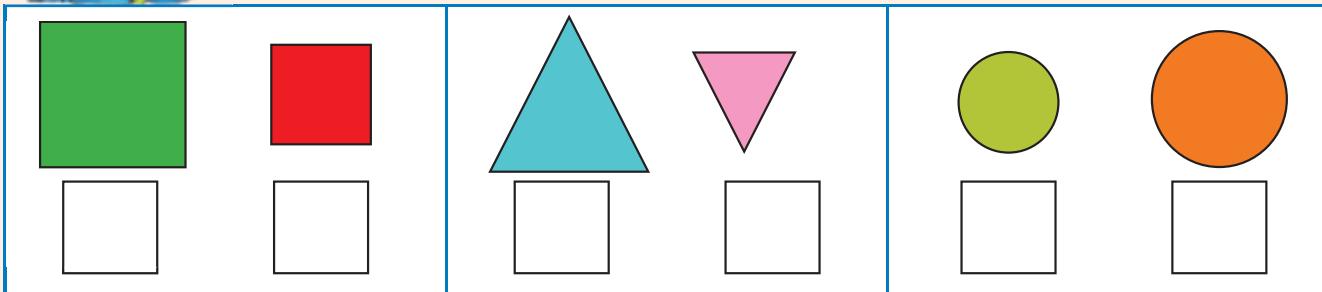
Kotara ya 4



Tshwaya sebopoho se sennyane ka ho fetisia bolokong ka nngwe.



Tshwaya sebopoho se seholo ka ho fetisia bolokong ka nngwe.

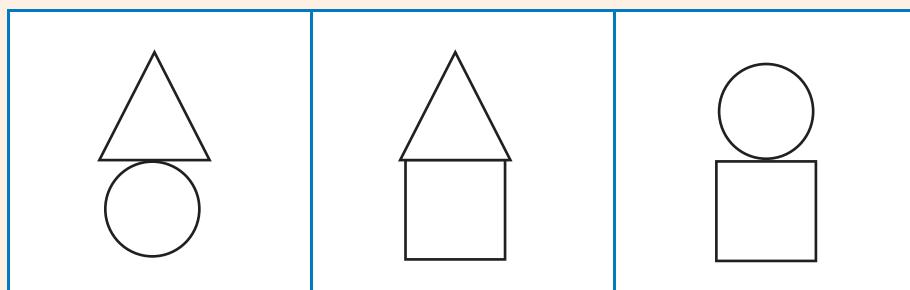
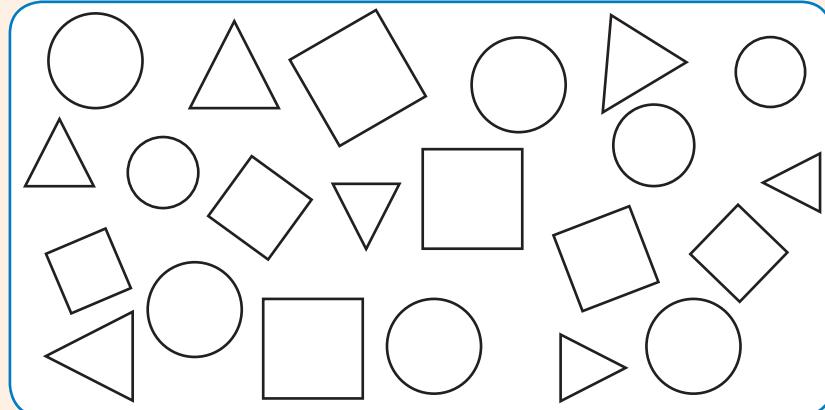


Khalara tsohle tjena:

- Disekwere bolou
- Dikgutloharo kgubedu
- Didikadikwe tala



Etsa setshwantsho o sebedisa dibopoho. Re qadile setshwantsho ka seng ka dibopoho tse 2.



90

0

1

2

3

4

5

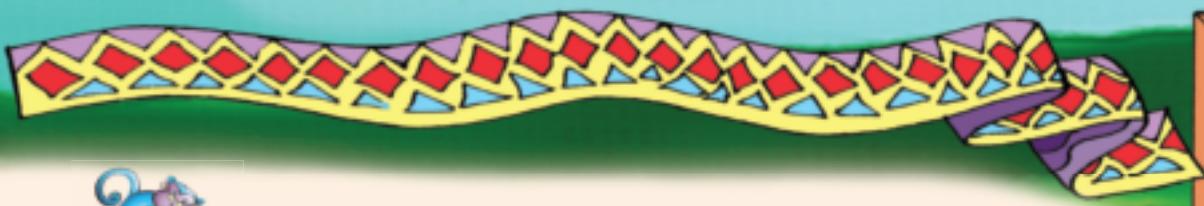
6

7

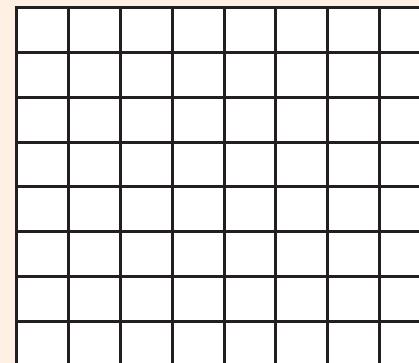
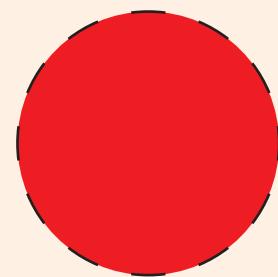
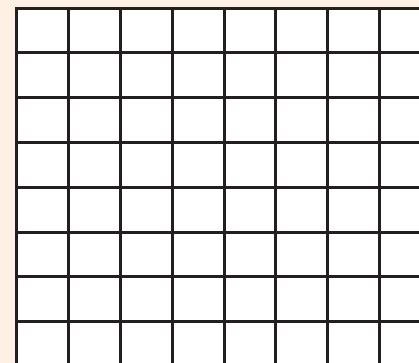
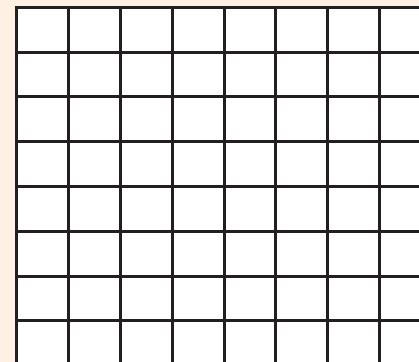
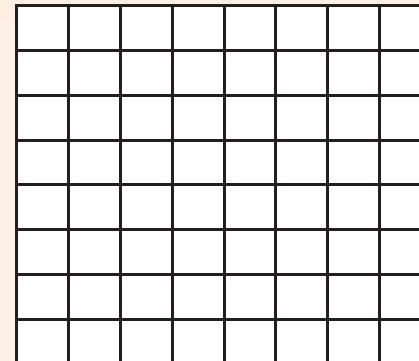
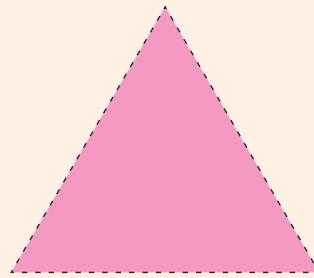
8

9

10



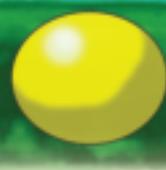
Taka dibopeho hara kiriti.  
Sebedisa dikwere tse nnyane ho o thusa.



Teacher:  
Sign:  
Date:



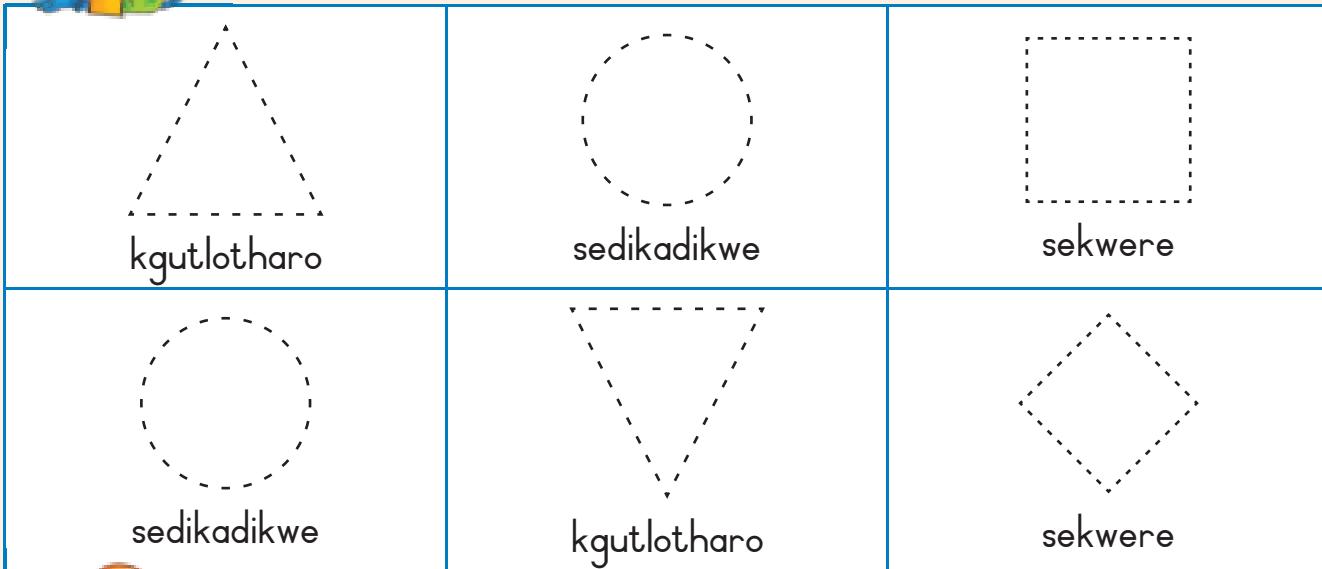
110



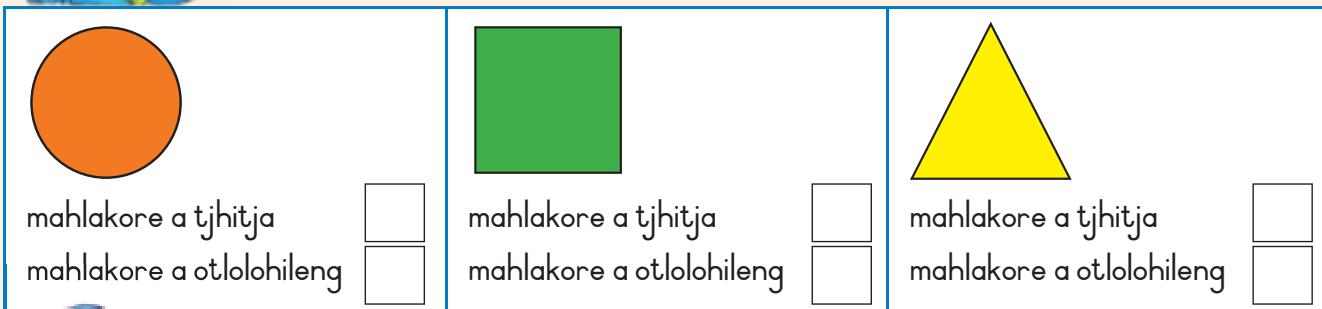
Kotara ya 4



Tereisa dibopeho tse latelang.



Tshwaya ho bolela hore seboleho se na le mahlakore a otlolohileng kapa a tihitja.



Taka seboleho ka:



92

0

1

2

3

4

5

6

7

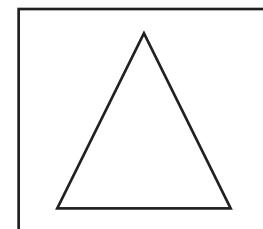
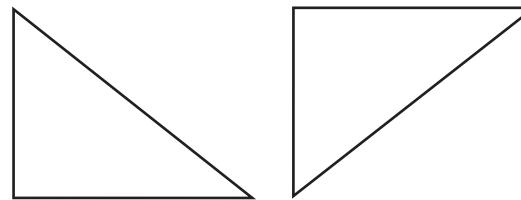
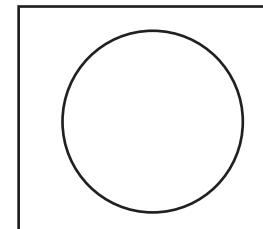
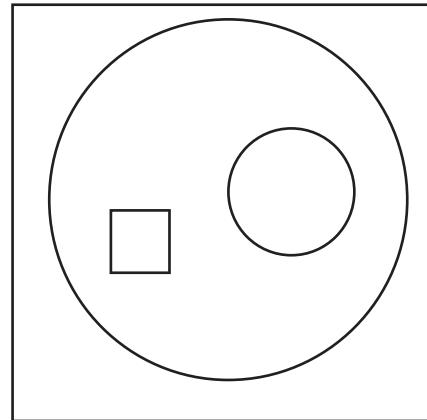
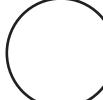
8

9

10



Bala palo ya didikadikwe, dikwere le dikgutlotharo.



Sedikadikwe

Sekwere

Kgutlotharo



Fumana setshwantsho ho tswa makasining sa ho nang le:

mahlakore a tjhitja

mahlakore a otlolohileng



Teacher:  
Sign:  
Date:



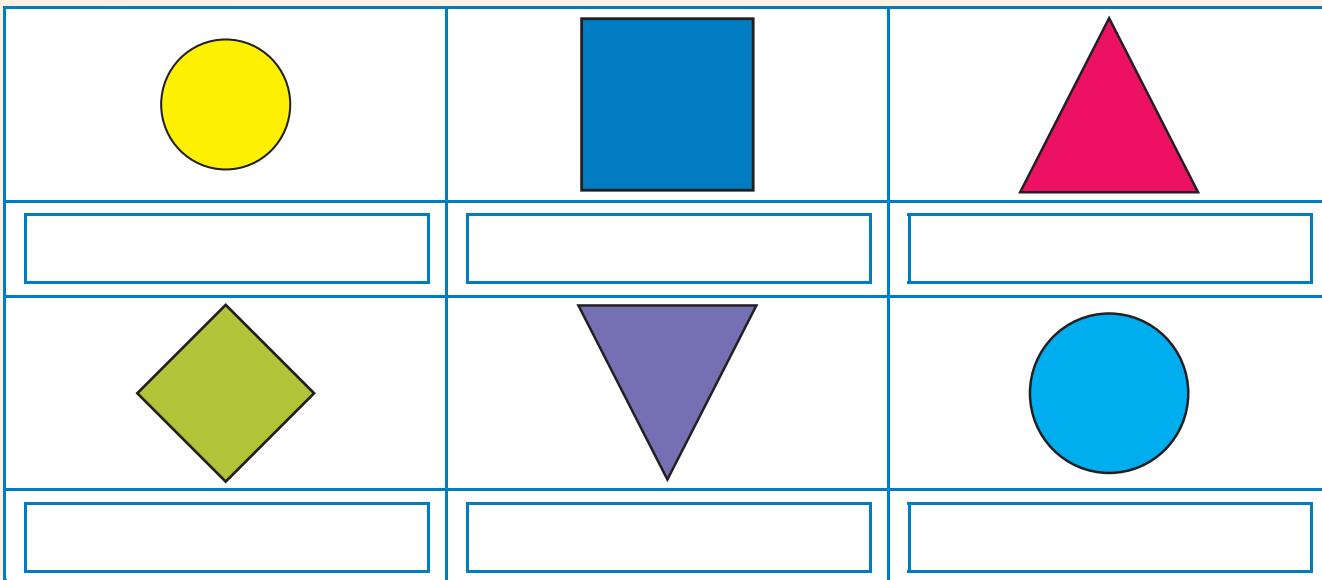
III



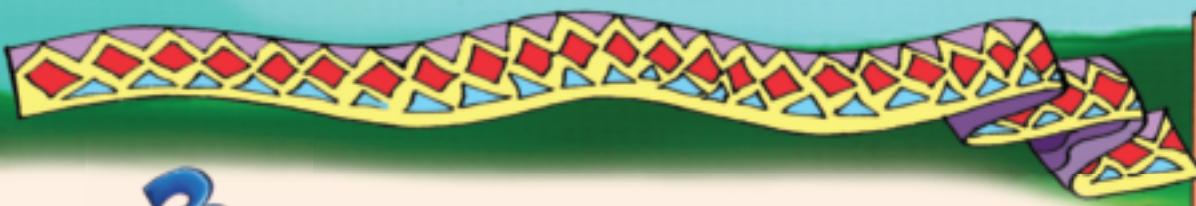
Kotara ya 4



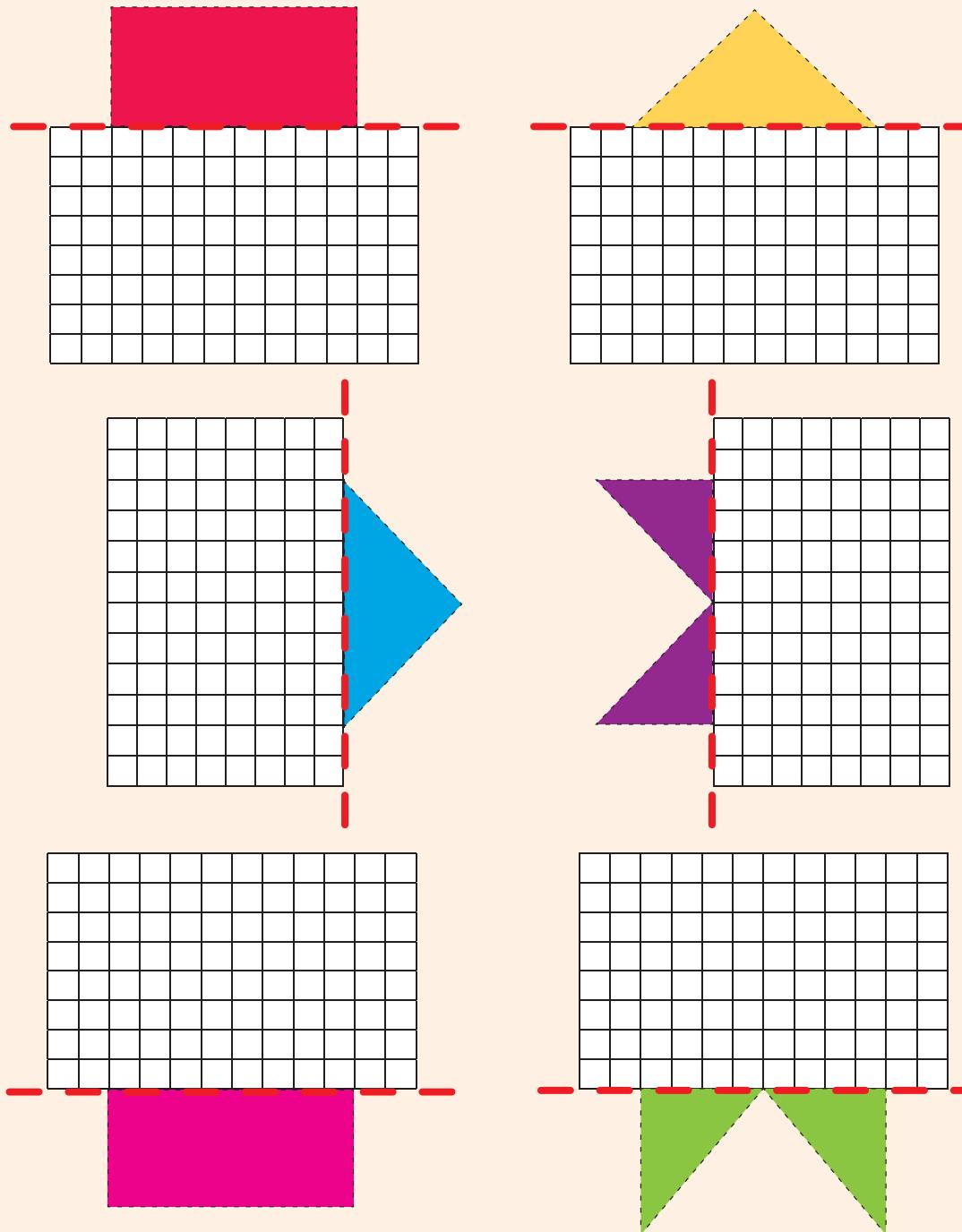
Bolela dibopeho tse latelang:



Taka setshwantsho sa hao o sebedisa didikadikwe, dikgutlotharo le dikwere feela.



Taka halofo e nngwe ya seboleho.  
Sebedisa dikwere tse nnyane ho o thusa.



Bohle ba na le mahlakore a otlolohileng mahlakore a tjhitja.

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Kotara ya 4



## Dihlopha tsa hlano ho isa ho 20

Taka didikadikwe ho etsa dihlopha tsa hlano.  
O na le dihlopha tsa hlano tse kae?

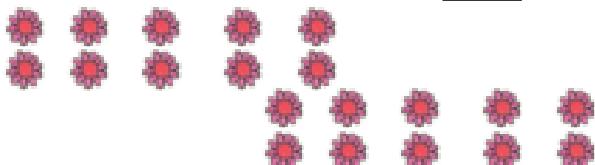
Sehlopha se le  sa 5



Dihlopha tsa 5



Dihlopha tsa 5



Dihlopha tsa 5



Bala palo ya menwana. Ngola karabo ya hao.



$5 + 5 + 5 =$



$5 + 5 + 5 + 5 =$



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

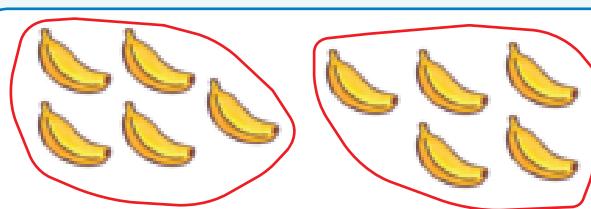
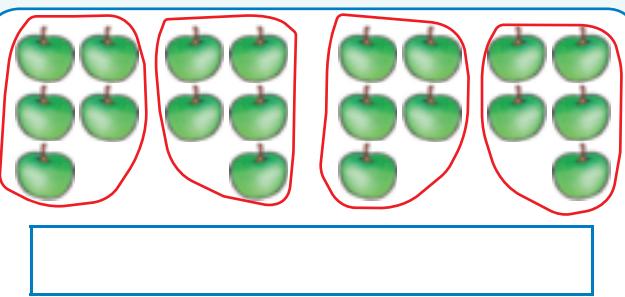
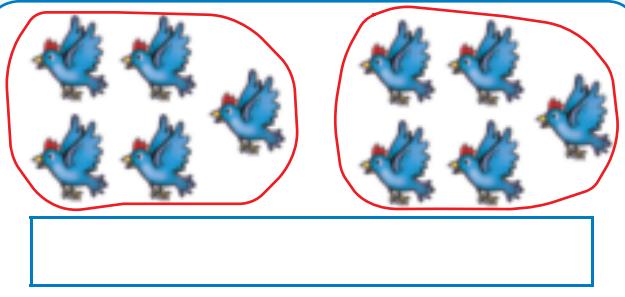


$5 + 5 + 5 + 5 + 5 + 5 =$





Ngola palopolelo bakeng sa e nngwe le e nngwe ya tse latelang:



Araba dipotso:



O bona dikhoini tse  
kae tsa 5c?

E ngole e le palopolelo:



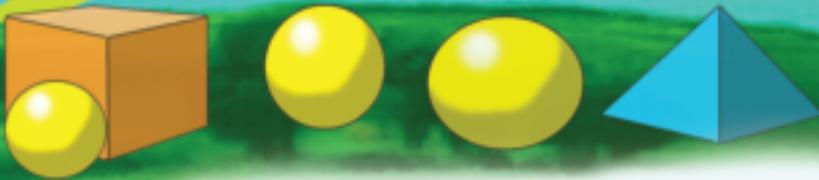
Tlatsa dinomoro tse siyo.

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



I I2 I3 I4 I5 I6 I7 I8 I9 20

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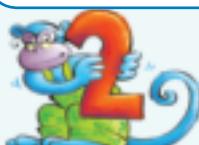
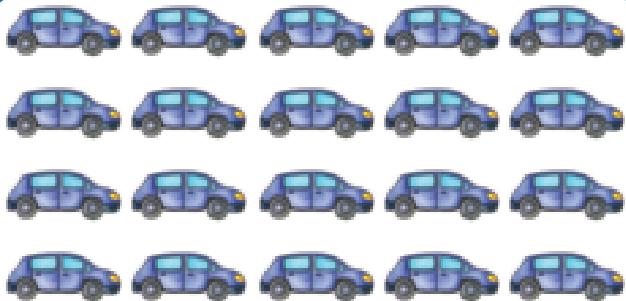
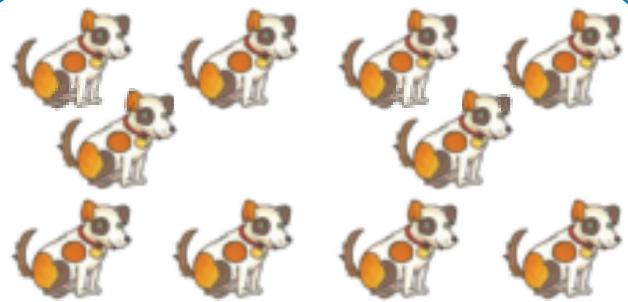


Kotara ya 4



## Bo-hlano – ho kopanya ho iphetang ho fihla ho 20

Etsa dihlopha hlano mme o ngole palopolelo.



Taka dihlopha tsa dibopeho ho bontsha dipalopolelo.

$$5 \quad + \quad 5 \quad + \quad 5 = \quad \square$$

$$5 \quad + \quad 5 \quad + \quad 5 \quad + \quad 5 = \quad \square$$



98

0 1 2 3 4 5 6 7 8 9 10



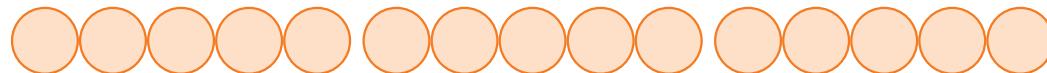
Ngola palopolelo bakeng sa e nngwe le e nngwe ya tse latelang:



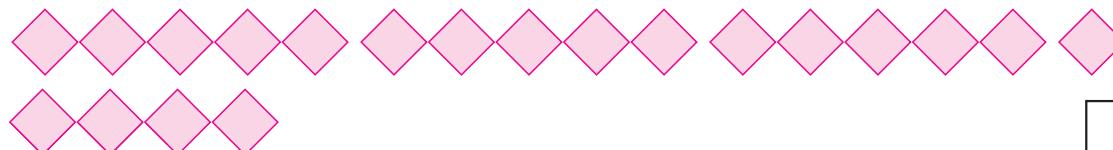
5 + 5 =



A small, empty square box located in the bottom right corner of the page, likely intended for a child to draw or write something.



1



1



O bala dinomoro tse hlano hakae?

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

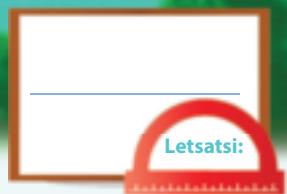
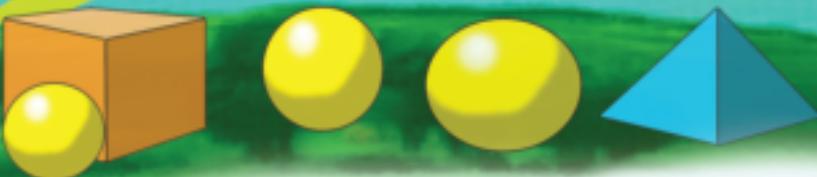


Ho na le matsoho a 3 fensetereng. Menwana e mekae fensetereng?

Taka setshwantsho mme o ngole palopolelo.



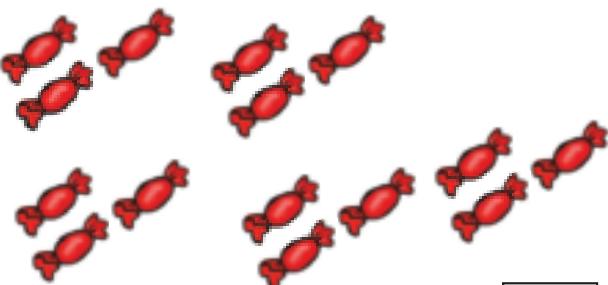
14



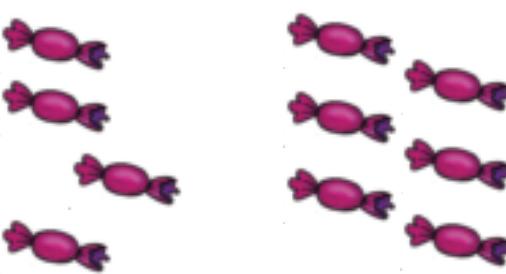
Kotara ya 4



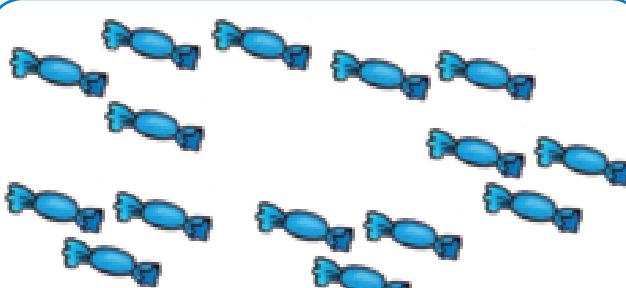
Arolang dipompong pakeng tsa metswalle e mehlano.  
E mong le e mong o fumana tse kae?



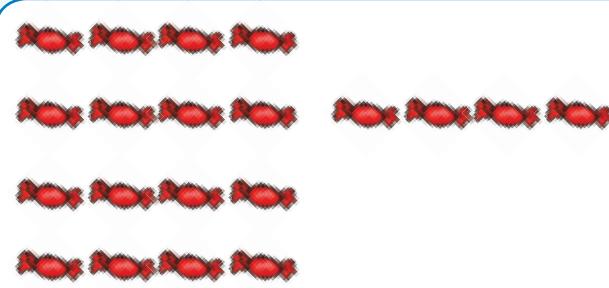
Motswalle ka mong o tla  
fumana dipompong tse



Motswalle ka mong o tla  
fumana dipompong tse



Motswalle ka mong o tla  
fumana dipompong tse



Motswalle ka mong o tla  
fumana dipompong tse

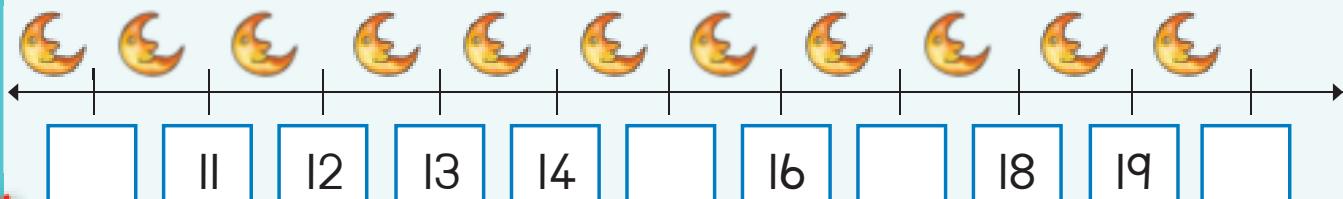


Khalara katiso ya hlano.

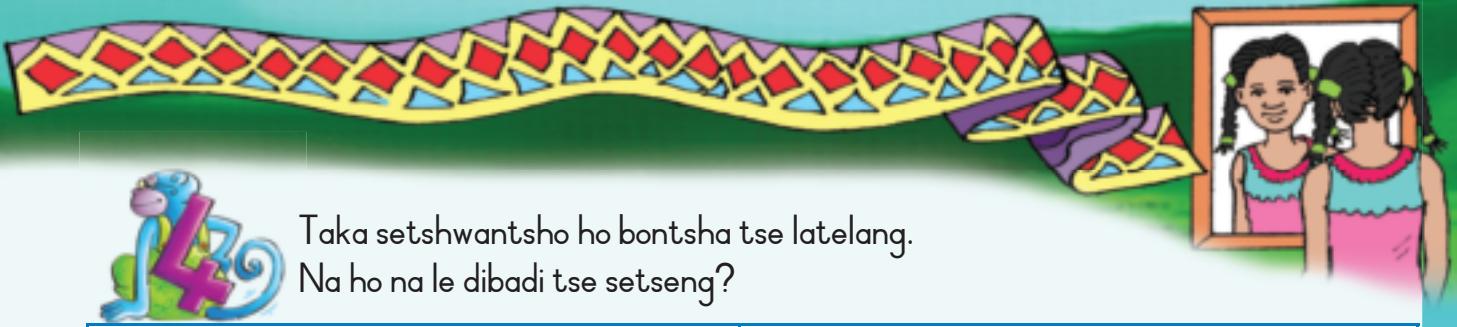
I	2	3	4	5	6	7	8	9	10
II	I2	I3	I4	I5	I6	I7	I8	I9	20



Tlatsa dinomoro tse siyo.



100 0 | 2 3 4 5 6 7 8 9 10



Taka setshwantsho ho bontsha tse latelang.  
Na ho na le dibadi tse setseng?

Arola dibadi tse 10 pakeng tsa bana ba  
bahlano.

Ho setse dibadi tse  .

Arola dibadi tse 11 baneng ba bahlano.

Ho setse dibadi tse  .

Arola dibadi tse 6 baneng ba bahlano.

Ho setse dibadi tse  .

Arola dibadi tse 16 baneng ba bahlano.

Ho setse dibadi tse  .



Ngola palopolelo bakeng sa e nngwe le e nngwe ya tse latelang:



$$5 + 5 =$$

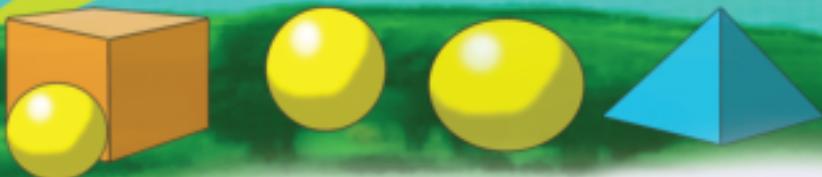








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Kotara ya 4

## Dipaterone tsa dinomoro – hlano ho isa ho 100



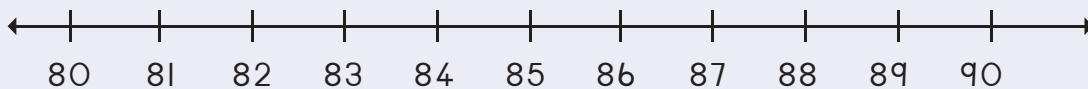
Phethela paterone ka ho khalara dikatiso tsa hlano.

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



Taka dihupu ho bontsha se latelang:

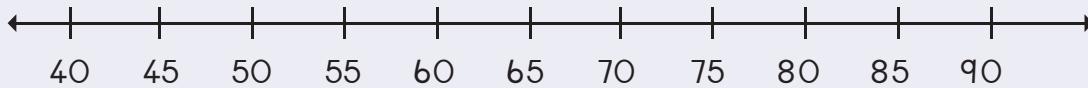
86, 88, 90



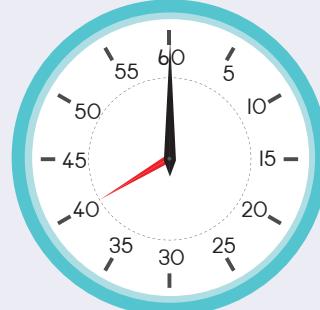
70, 75, 80



55, 60, 65, 70



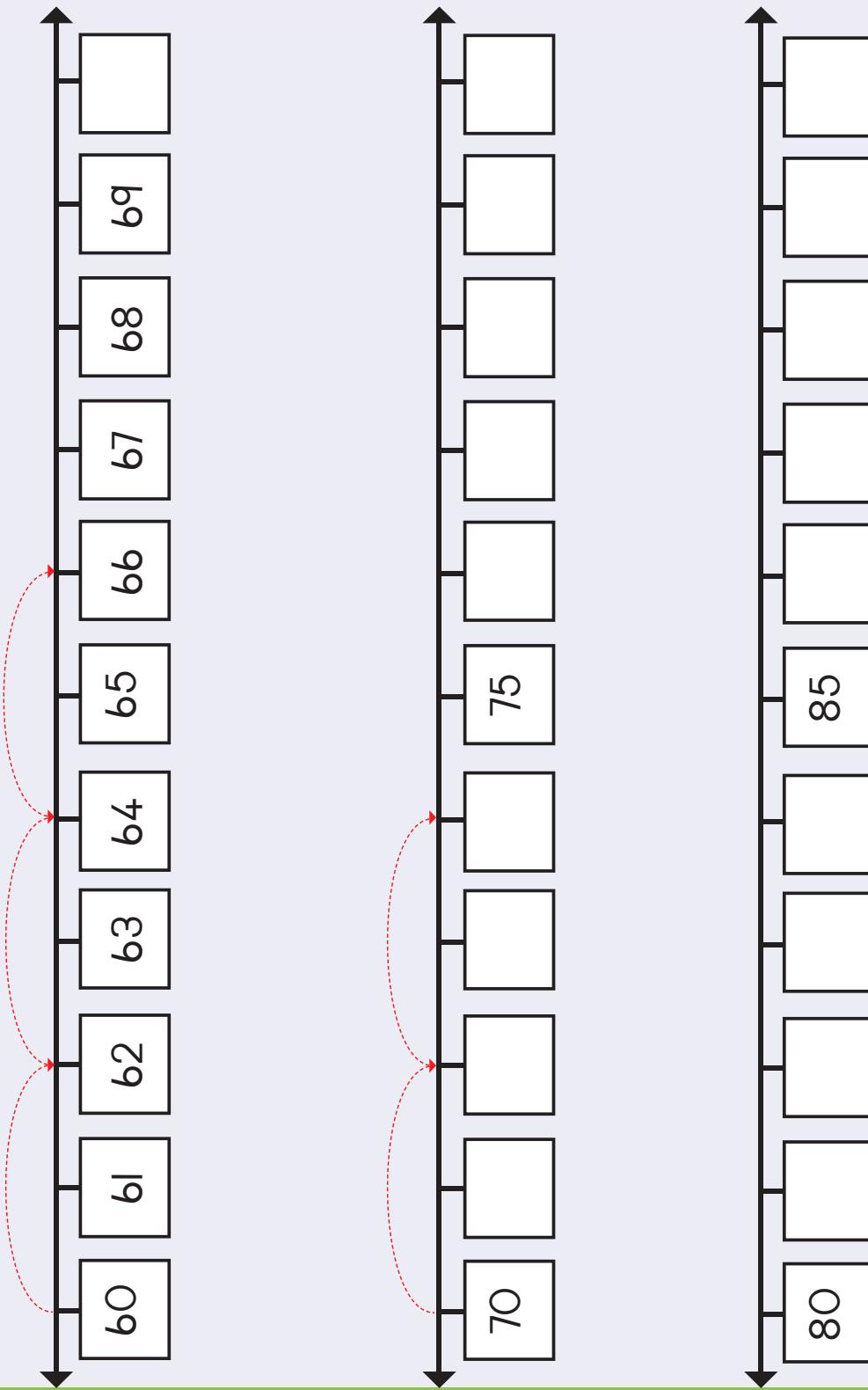
Sebedisa watjhe ho bontsha palo ya  
metsotsos k abo-hlano.



0 2 3 4 5 6 7 8 9 10



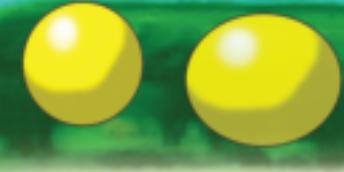
Beha dinomoro tse hlahang ho disehwa 2 moo  
dinomoro di leng siyo hodima molapalo.  
Hape phethela dihupu.



Teacher:  
Sign:  
  
Date:



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## Boemo le ho bona

Kotara ya 4



Nyalanya bokamorao le  
bokapele ba phoofolo ka  
nngwe.

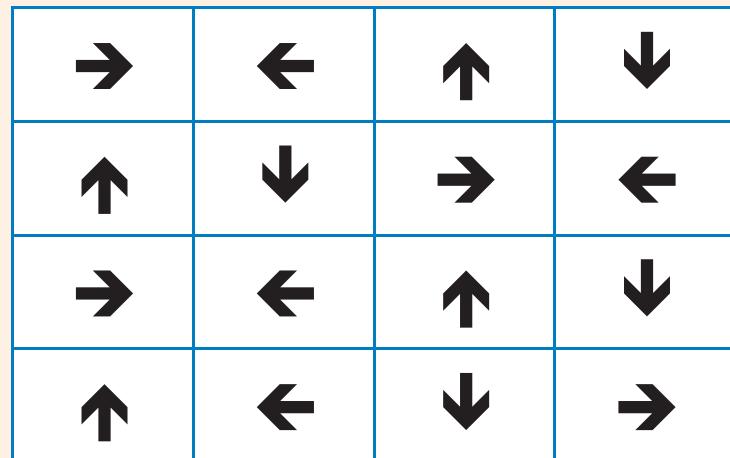
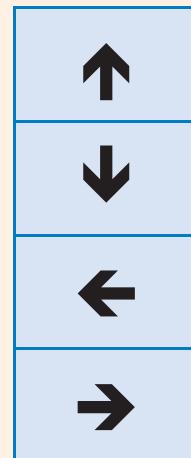
Kapele



Kamorao



Etsetsa lerumo  
le tsamaelanang  
le lerumo le  
fifaditsweng.



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0

1

2

3

4

5

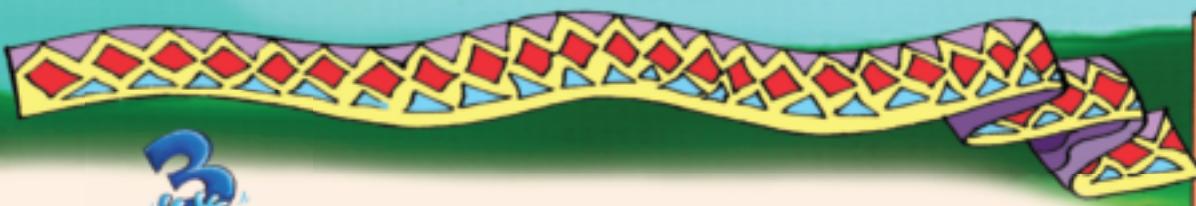
6

7

8

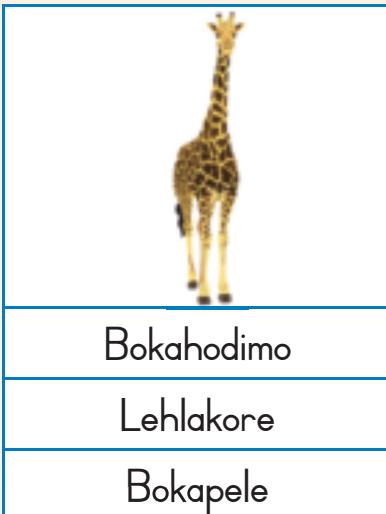
9

10



3

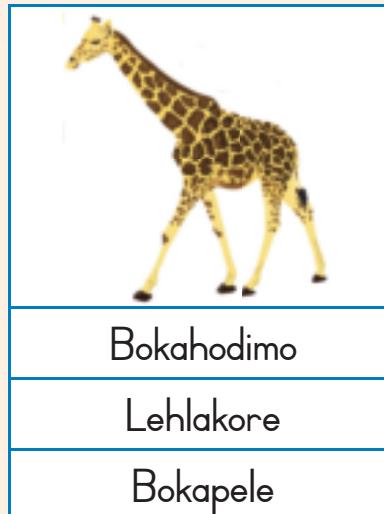
Khalaraboemo ba pono bo nepahetseng.



Bokahodimo

Lehlakore

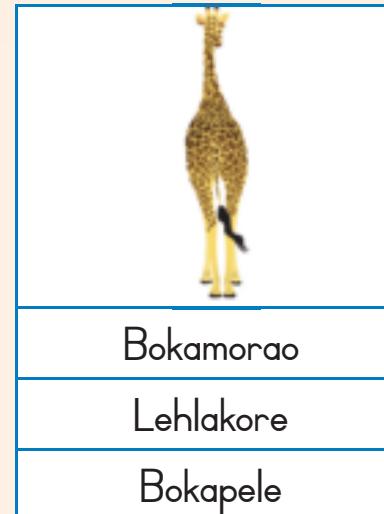
Bokapele



Bokahodimo

Lehlakore

Bokapele



Bokamorao

Lehlakore

Bokapele

4

Katse e hokae?

Khalara karabo e nepahetseng.



Morao

Kapele

Thoko ho



Morao

Kapele

Thoko ho



Morao

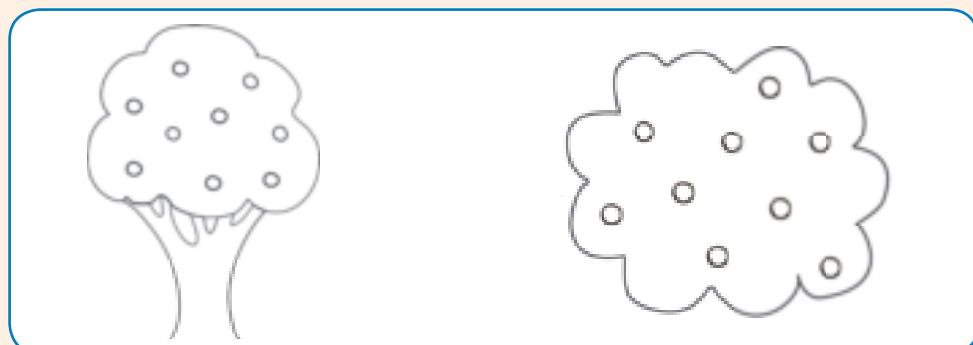
Kapele

Thoko ho

5

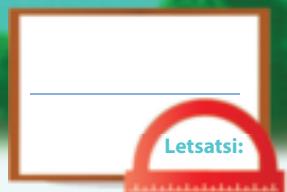
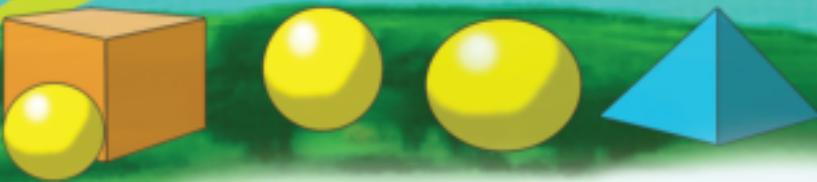
Tadima ditshwantsho  
tsa difate.

Khalara bokahodimo.



Teacher:  
Sign:  
Date:

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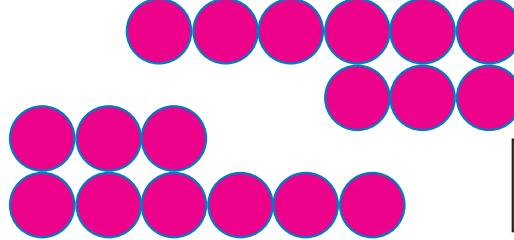
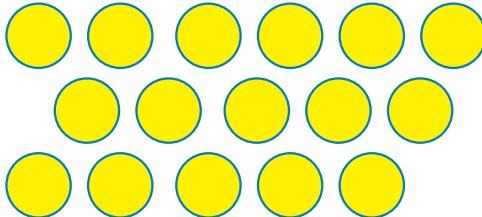
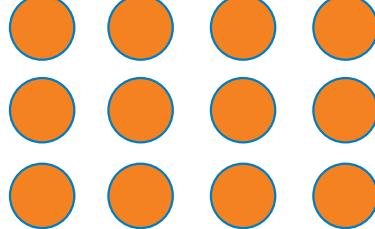
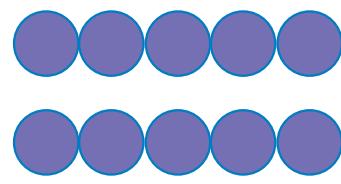
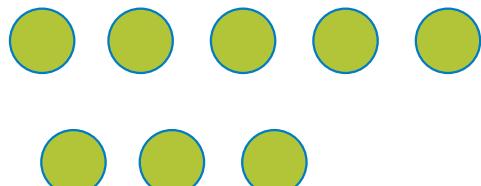
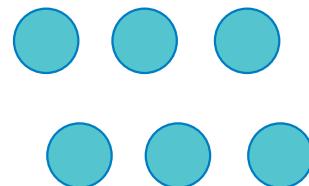
Kotara ya 4



## Dihlopha tsa bo-pedi ho isa ho 20

Etsa dihlopha tsa pedi.

Ngola hore na ho na le dihlopha tse kae.



Etsa dihlopha tsa pedi. Taka dihlopha.






Araba potso.



Dinonyana di kae moo?

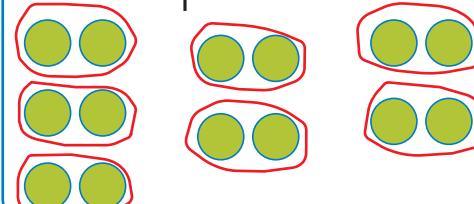
O ka bona dihlopha tsa pedi  
tse kae?

Ngola palopolelo.

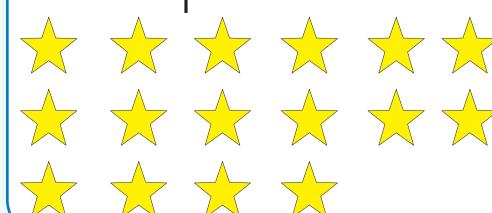


Taka didikadikwe  
ho etsa tse  
latelang.

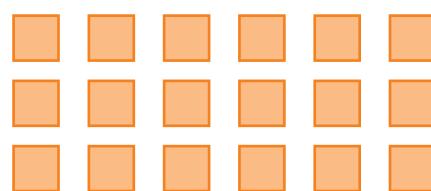
Dihlopha tse 7 tsa 2



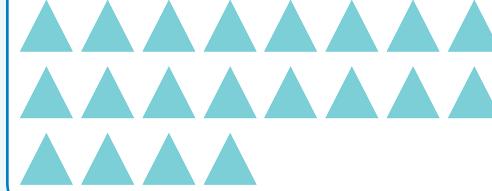
Dihlopha tse 8 tsa 2



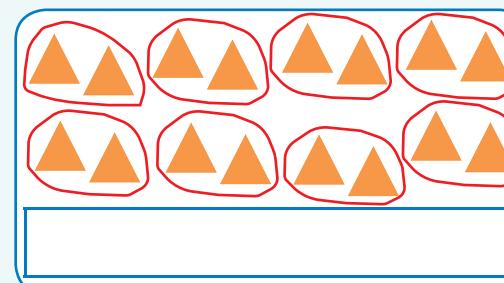
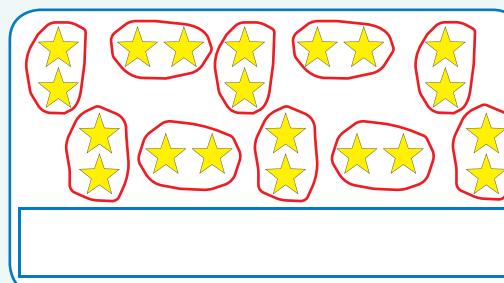
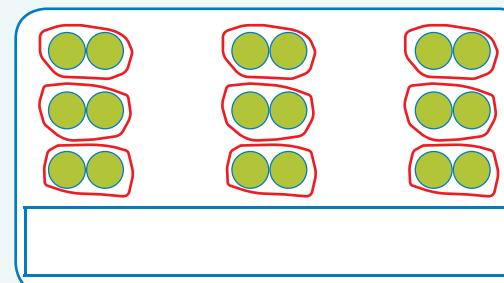
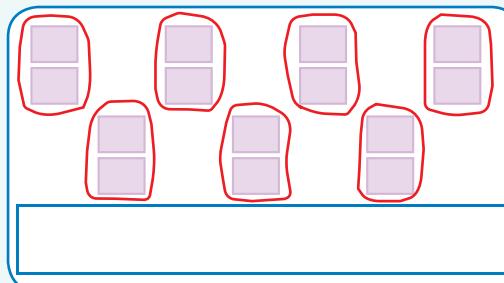
Dihlopha tse 9 tsa 2



Dihlopha btse 10 tsa 2



Ngola palopolelo  
bakeng sat se  
latelang.



11

12

13

14

15

16

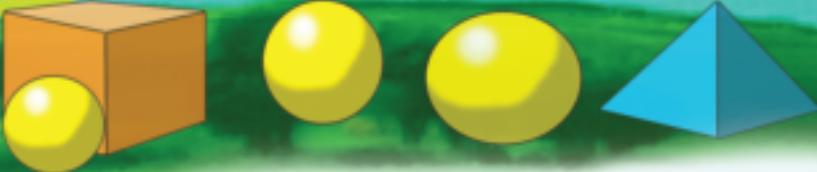
17

18

19

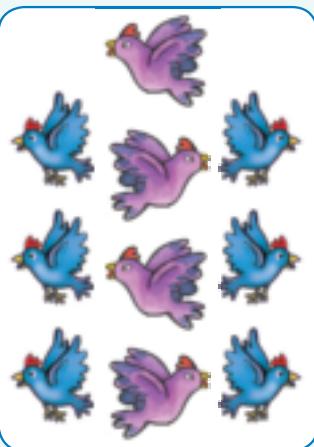
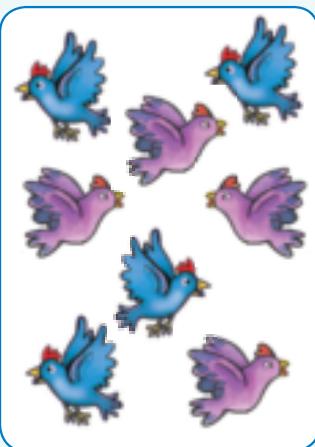
20

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## Bo-pedi – ho kopanngwa ho phetwang ho isa ho 20

Maoto a makae moo? Ngola palopolelo bakeng sa e nngwe le3 e nngwe.








Taka dibopeho bakeng sat se latelang:

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



$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = \square$$

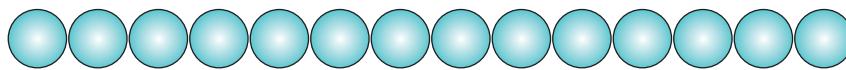
$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = \square$$

$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = \square$$

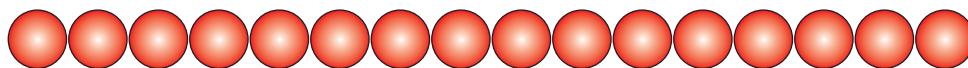


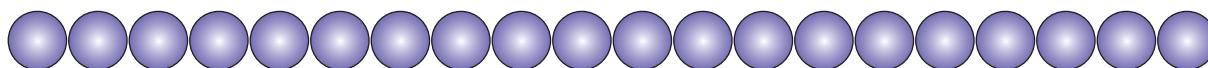


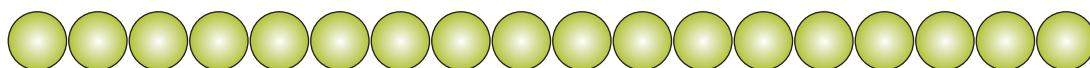
Ngola palopolelo bakeng sat se lateng:



$$2 + 2 + 2 + 2 + 2 + 2 + 2 = \boxed{\phantom{0}}$$









Khalara katiso  
tsa pedi.

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



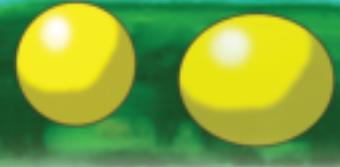
Ken a le dipakete tse 6 tse nang le pompon e le nngwe kahare.  
Ken a le dipompong tse kae? Taka setshwantsho mme o ngole palopolelo.



Ken a le dipompong tse .



||q



Kotara ya 4



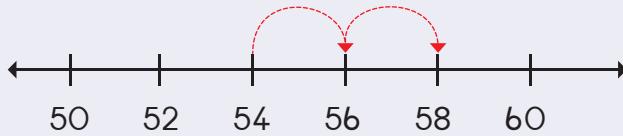
Phethela paterone  
ka ho khalara  
dinomoro.



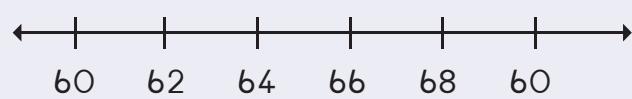
Taka dihupu ho bontsha se latelang:

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



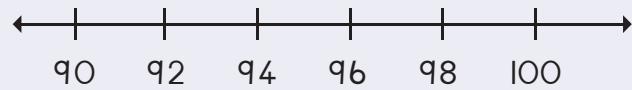
64, 66, 68



74, 76, 78



94, 96, 98

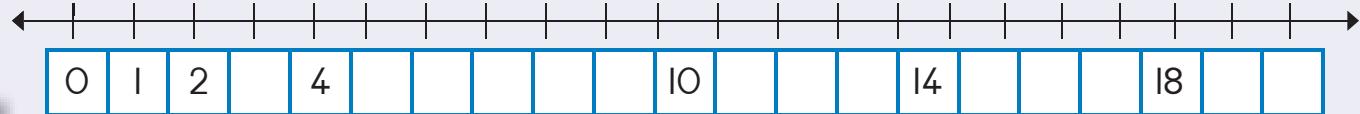


Tlatsa dinomoro tse siyo. Khalara paterone: 2, 4...

I			3				7			10
II							17			20



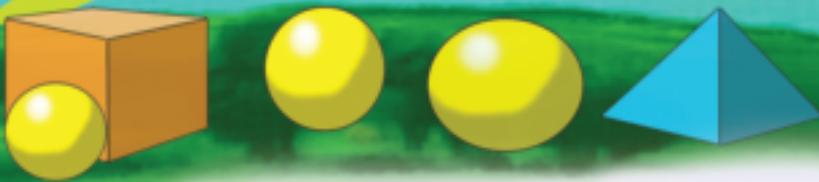
Phethela palomola.



0 1 2 3 4 5 6 7 8 9 10



120

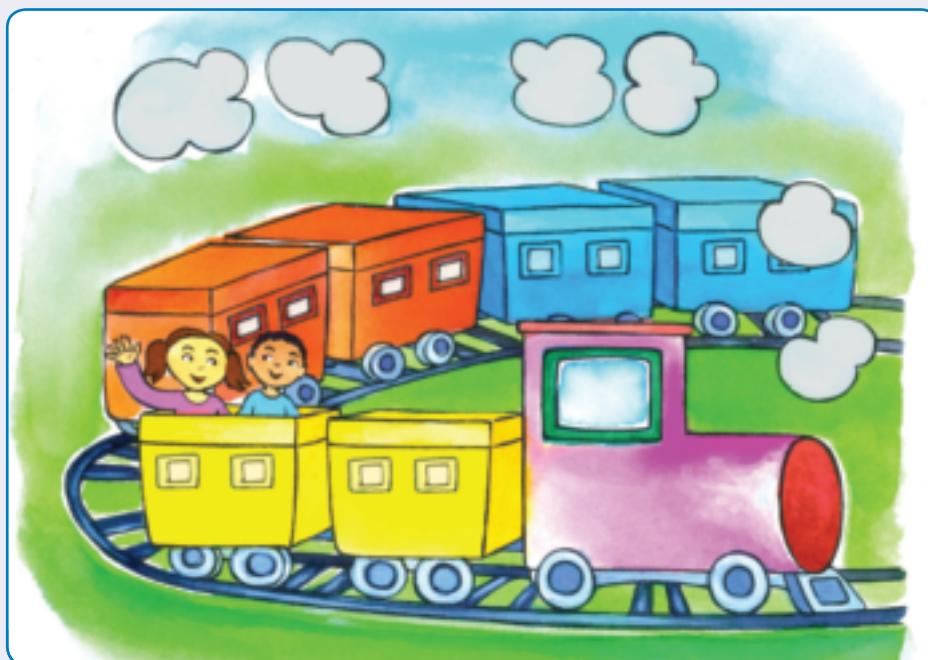


## Dipaterone tsa dipalo – bo - pedi ho isa ho 100

Kotara ya 4



Na o ka bona dipaterone tsa bo - pedi?

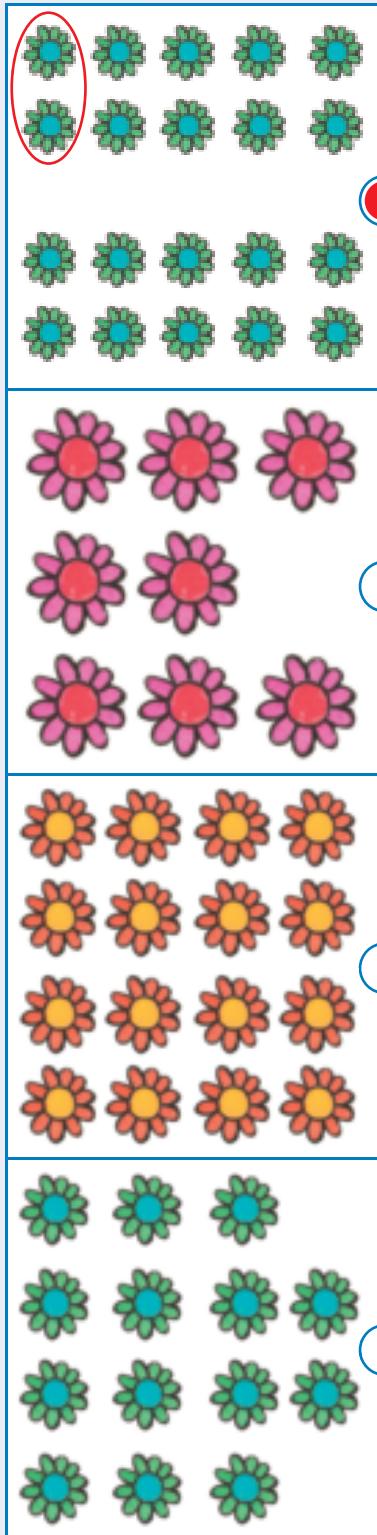


Khalara diboloko ho bontsha dihlopha tsa bo - pedi.  
Bala hore ke dihlopha tse kae.





Nyalanya dihlopha tsa bo-pedi le palopolelo ka ho  
taka 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:



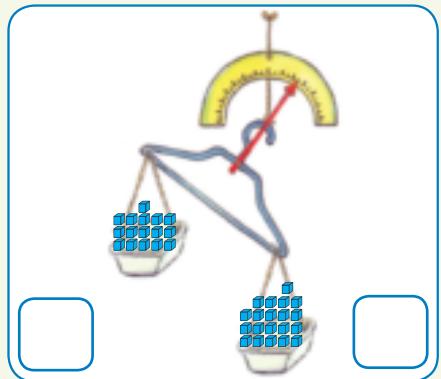
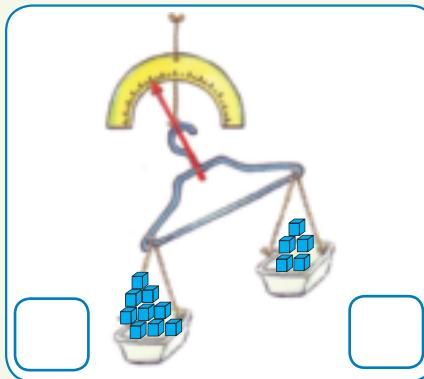
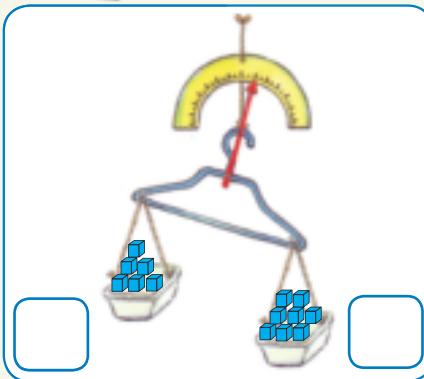
I2I



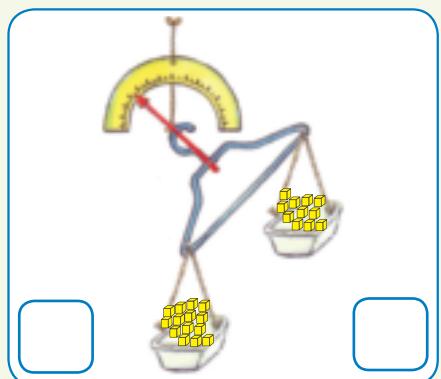
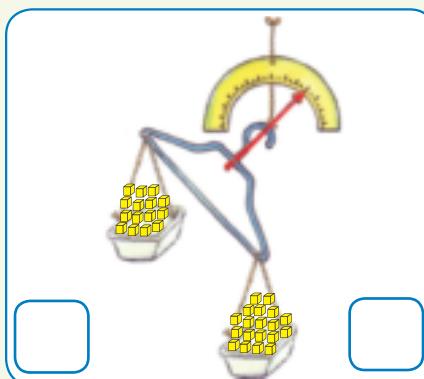
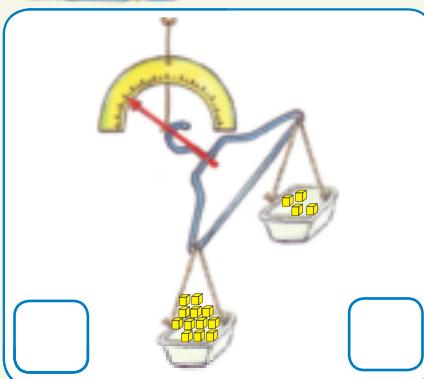
Kotara ya 4



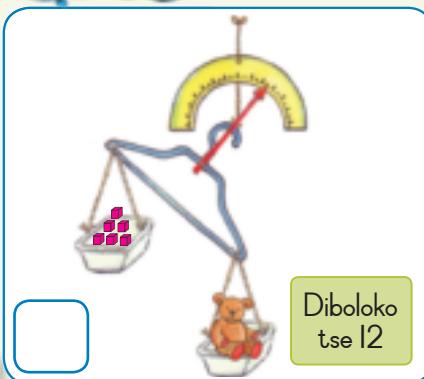
Ngola hore ho diboloko tse kae hara setshedi ka seng.  
Etsetsa setshedi se boima ka ho fetisia sedikadikwe.



Ngola hore ho diboloko tse kae hara setshedi ka seng.  
Etsetsa setshedi se bobeve ka ho fetisia sedikadikwe.



Bala hore diboloko di kae. Jwale sebetsa hore ho hlokahala diboloko tse ding tse  
kae ho tsitsisa sebapadiswa.  
Re o bolella boima ba sebapadiswa



II4

0

1

2

3

4

5

6

7

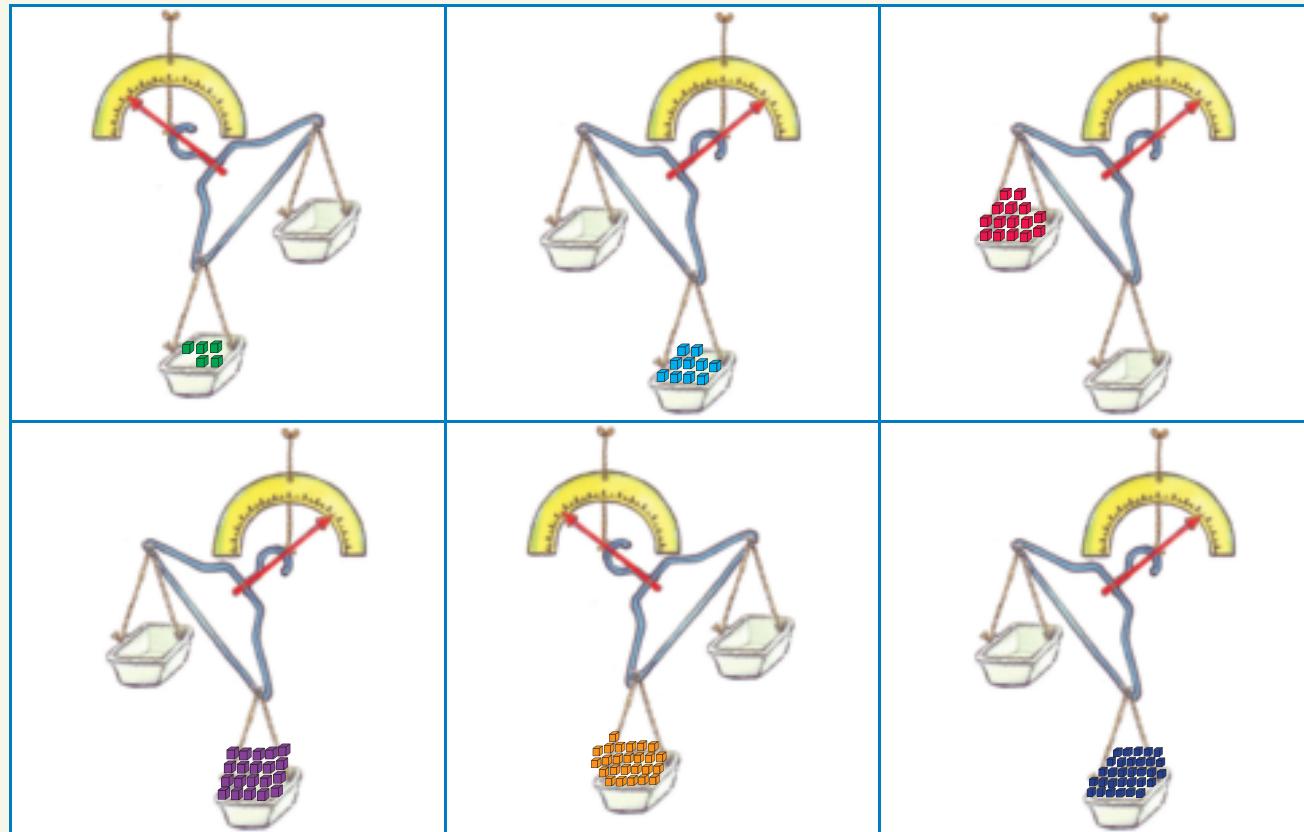
8

9

10



Taka ntho e boima bo tlaase kapa bo fetang ba boloko.



Sebedisa dintho tse hlano desekeng ya hao. Pele akanya hore e bekga bokae ebe o  
e bekga sekaleng ho bona hore kakanyo ya hao e nepahetse na.

Taka ntho	Akanya	Boima	Phapang
	diboloko tse _____	diboloko tse _____	_____ - _____ = _____



Teacher:  
Sign:  
Date:



122

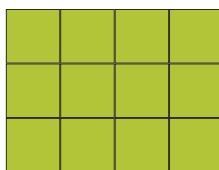


Kotara ya 4

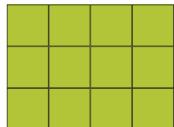


Araba tse latelang:

Ho na le dikwere tse kae?




Di kae honajwale?




Re re 12 habedi ke 24.

Maoto a makae moo?

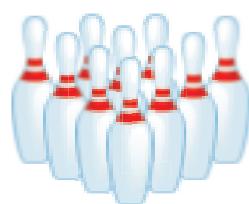



Jwale maoto a makae moo?

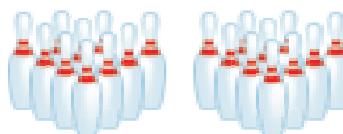



Re re 6 habedi ke

Dinale tse moo di kae?




Jwale dinale tse moo di kae?




Re re 10 habedi ke

Matsatsi a makae bekeng?

S	M	T	W	T	F	S

S	M	T	W	T	F	S

Matsatsi a makae bekeng tse pedi?

Re re 7 habedi ke

Dikerayone dikae moo?



S	M	T	W	T	F	S

Jwale dikerayone dikae moo?




Re re 8 habedi ke



116

0

1

2

3

4

5

6

7

8

9

10



Tlatsa karabo.

4 habedi	=	8
10 habedi	=	
11 habedi	=	
2 habedi	=	
6 habedi	=	



Tlatsa karabo.

Pedi habedi ke	nne
Tharo habedi ke	
Nne habedi ke	
Hlano habedi ke	
Tshela habedi ke	
Supa habedi ke	



Phethela tafole.

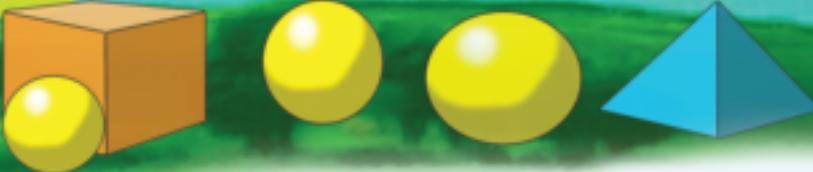
$q + q + 1 =$	<input type="text"/>	kapa	$q + 1 \text{ habedi} =$	<input type="text"/>
	<input type="text"/>	kapa	$8 + 1 \text{ habedi} =$	<input type="text"/>
$10 + 10 + 1 =$	<input type="text"/>	kapa		<input type="text"/>
$7 + 7 + 1 =$	<input type="text"/>	kapa	$7 + 1 \text{ habedi} =$	<input type="text"/>



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



123

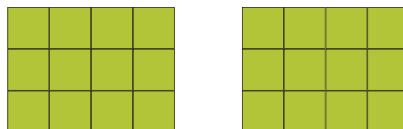


Kotara ya 4

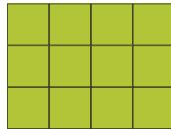


Araba tse latelang:

Dikwere dikae moo?




Jwale dikae moo?




Rere halofo ya 24 ke 12.

Maoto a makae moo?

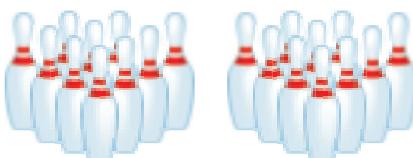



Jwale maoto a makae moo?




Re re halofo ya 12 ke

Dinale dikae moo?




Jwale dinale dikae moo?




Re re halofo ya 20 ke

Matsatsi a makae dibekeng tse 2?

S	M	T	W	T	F	S

Matsatsi a makae bekeng e le nngwe?

S	M	T	W	T	F	S

Re re halofo ya 14 ke

Dikerayone dikae moo?



Jwale dikerayone dikae moo?




Re 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 tshelela ke	
Halofo ya pedi ke	
Halofo ya robedi ke	
Halofo ya leshome ke	



Tlatsa karabo.



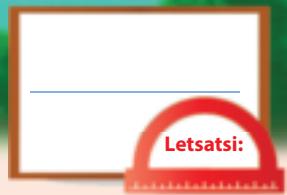
Halofo ya 10 ke	5
Halofo ya 12 ke	
Halofo ya 14 ke	
Halofo ya 16 ke	
Halofo ya 18 ke	



Teacher:  
Sign:  
Date:



I24

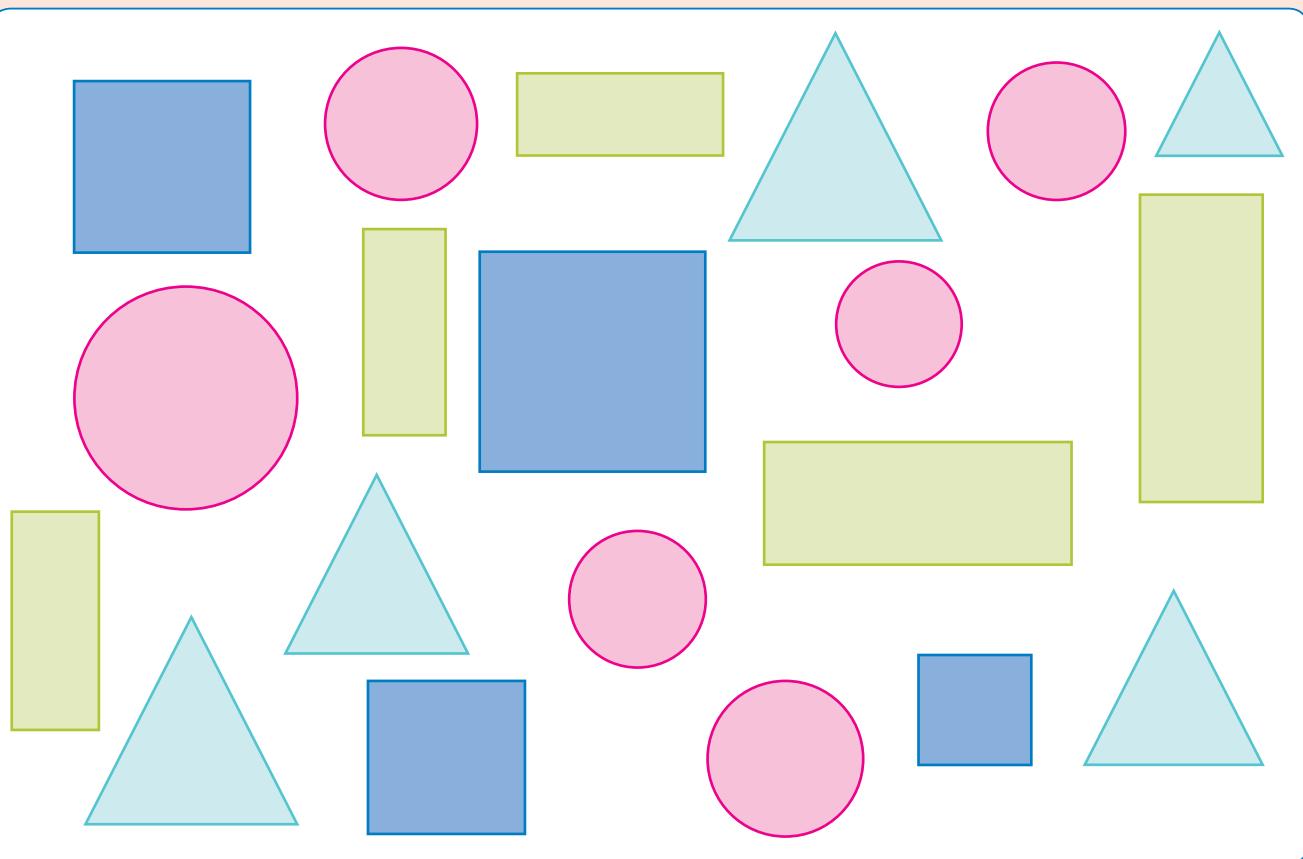


## Diphumano

Kotara ya 4



Bala hore dibopeho tse fapaneng di kae, ebe o araba dipotsa.



1. Disekwere dikae moo?



2. Dikgutloharo dikae moo?



3. Dikgutlonne dikae moo?



4. Didikadikwe dikae moo?



I20

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1

2

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5

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7

8

9

10



Ditholwana tsena di kgethilwe ke e 20 ya  
metswalle hao. Hlophisa ditholwana mme o etse setshwantsho  
kerafong ya ditholwana tseo o di hlophisitseng mme o arabe  
dipotso tse ka tlaase.



Tholwana eo re e ratisisang?

Senotlolo =

Monokotshwai	Apole	Pere	Panana	Lamunu

Bana ba ratang monokotshwai ba bakae?

Ba ratang diapole ba bakae?

Ba ratang dipere ba bakae?

Ba ratang dipanana ba bakae?

Ba ratang dilamunu ba bakae?

Ke tholwana efe eo ba e ratisisang?

Ke efe eo bas a e rateng ka ho feta?



Teacher:  
Sign:  
Date:



I25



## Haholo ka diphumano

Kotara ya 4



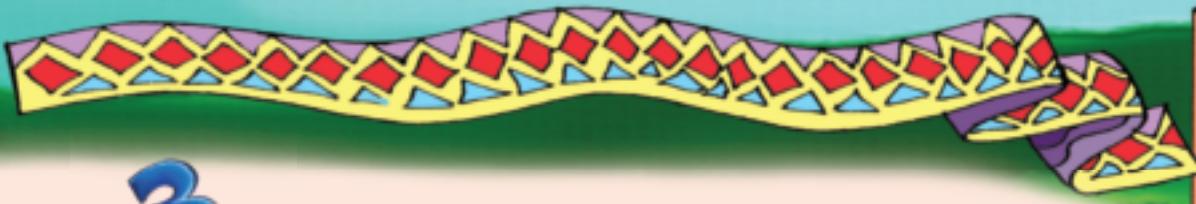
Ban aka tlelaseng ban a le dibapadiswa tse latelang.  
Bana le tse kae mofuta kamong?



Phethela tafole.

Sebapadiswa	Palo
Dipopo	
Diteraka	
Dethedi	
Diroboto	

I22

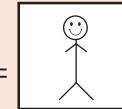


Phethela kerafo ya setshwantsho ka ho taka nomoro e nepahetseng ya ditshwantsho tsa motho wa thupa bakeng sa sebapadiswa ka seng.



Dibapadiswa tseo re nang le tsona

Senotlolo =



Dipopo	Diteraka	Dithedi	Diroboto



Araba dipotso. Tadima kerafo ho o thusa.

Bana ba bakae ba nang le popo?	
Bana ba bakae ba nang le teraka?	
Bana ba bakae ba nang le thedi?	
Bana ba bakae ba nang le roboto?	
Ke sebapadiswa sefe se ratisiwang?	
Ke sebapadiswa sefe se sa ratweng haholo?	



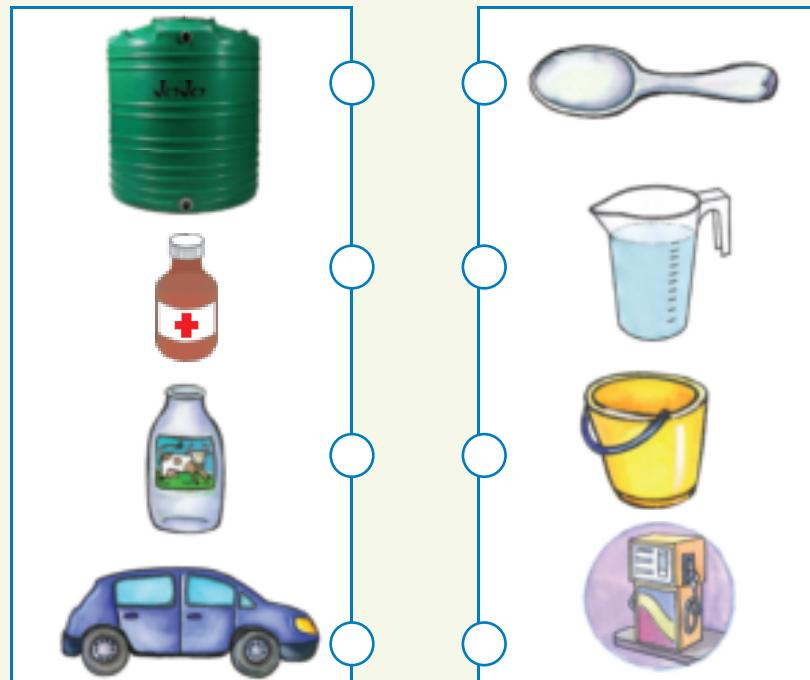
Teacher:  
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Date:

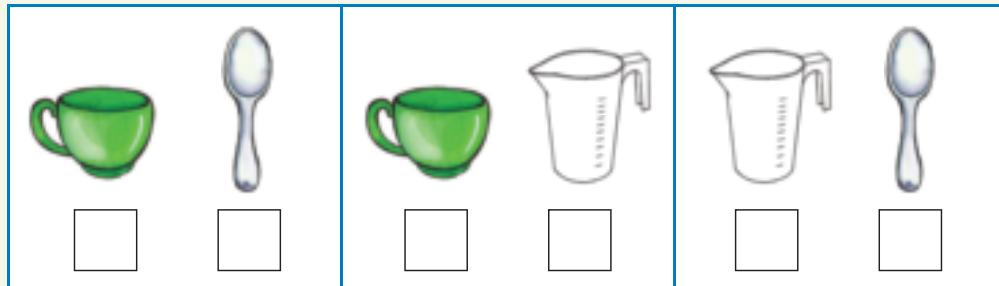


Ke metha mekedikedi jwang?  
Taka mola ho nyalanya ntho le  
sesebediswa se e methang.

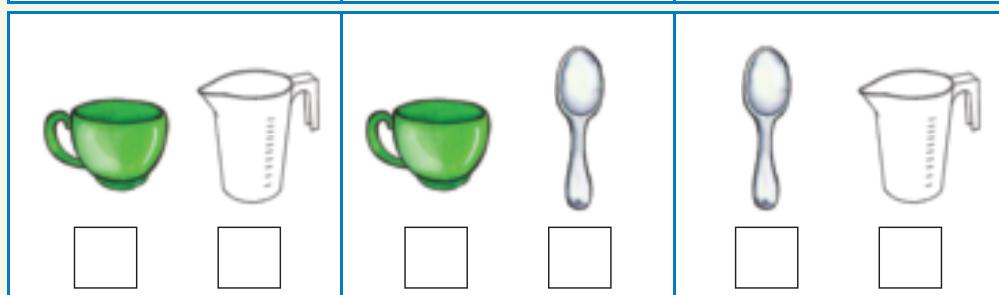
## Boholo



Tshwaya setshedi se  
tshelang hanyenyane  
ka ho fetisia.



Tshwaya setshedi se  
tla tshela haholo ka  
ho fetisia.

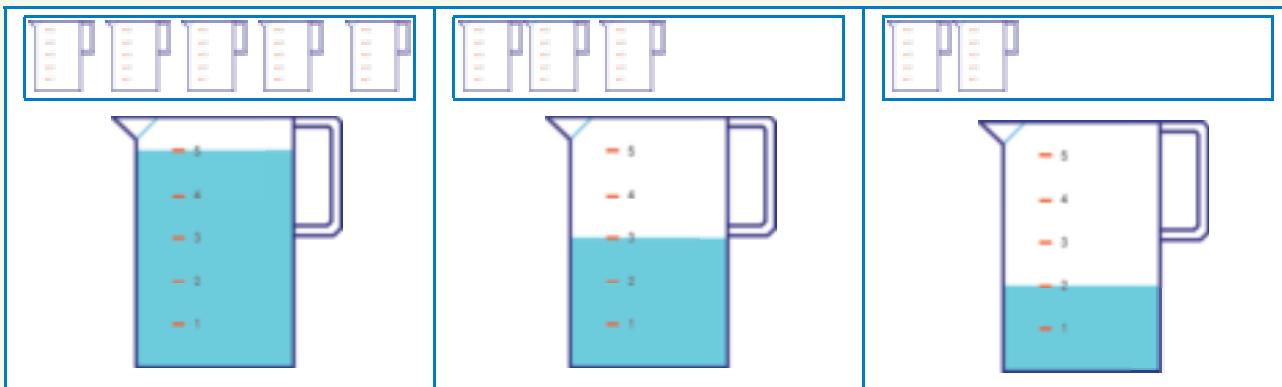


Ditshedi di tletse  
kapa di lehala?





O hloka dikopi tse hlano ho tlatsa jeke. O hloka dikopi tse kae hape  
ho tlatsa dijeka tse ding tse pedi? Di take.



Khalara bongata bo nepahetseng ba mokedikedi.

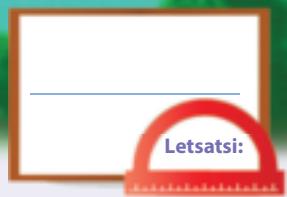
	+		=	<input type="text"/>
	+		=	<input type="text"/>
	+		=	<input type="text"/>



Teacher:  
Sign:  
Date:



I27

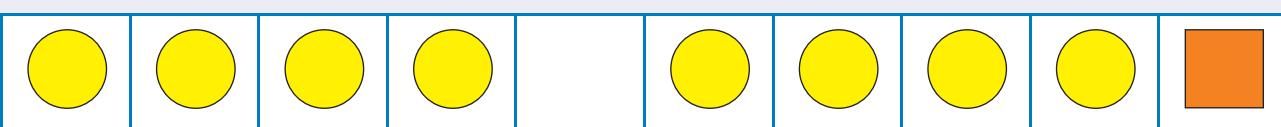
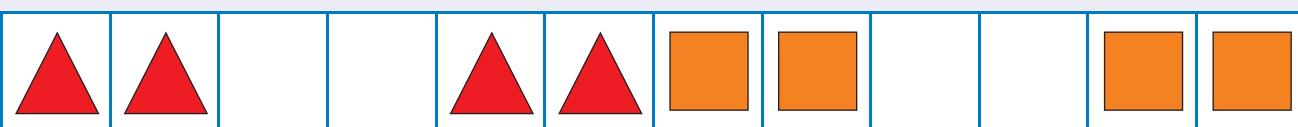
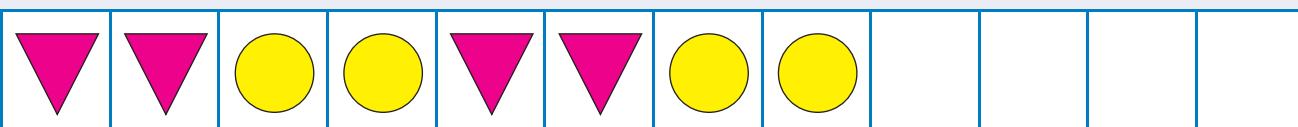
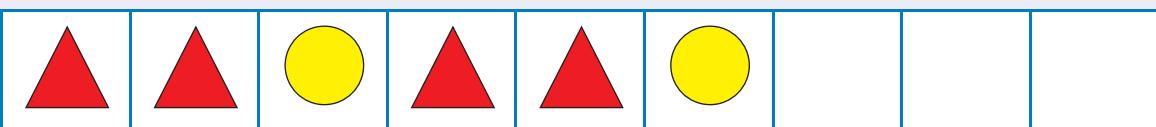


Kotara ya 4



Phethela dipaterone.

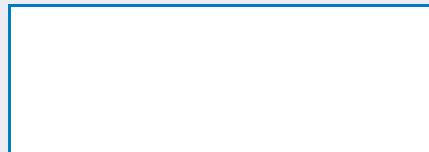
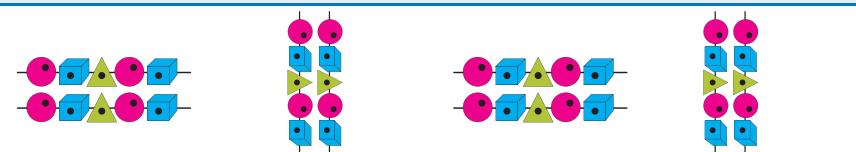
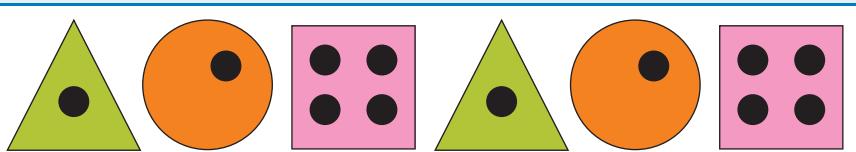
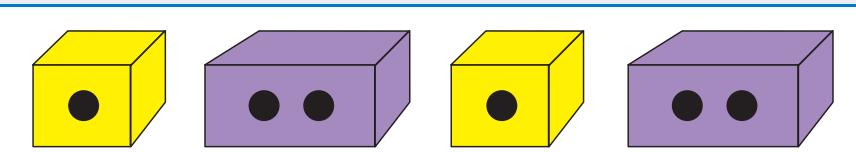
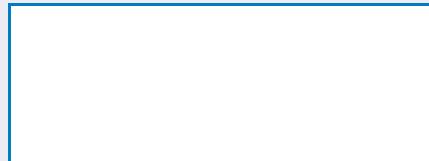
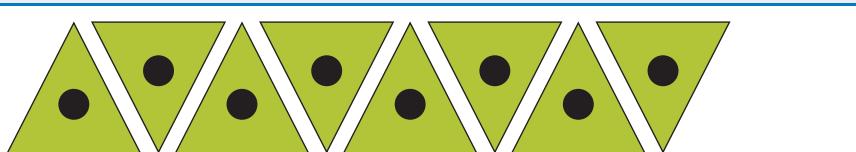
## Dipaterone tsa geometeri



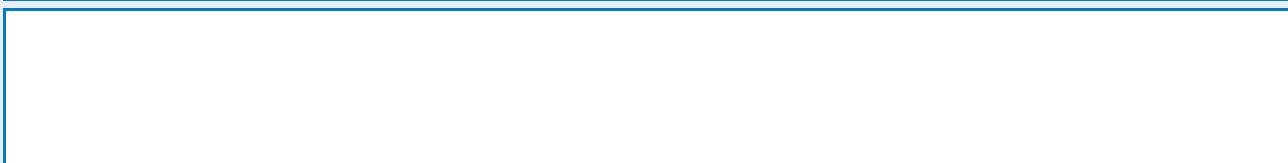
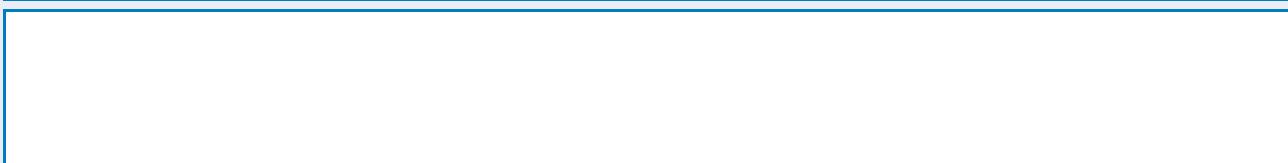
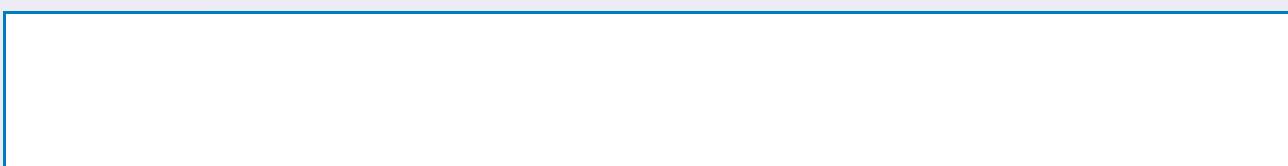
I26



Hodisa paterone.



Ikisetse dipaterone tsa hao o sebedisa didikadikwe, dikwere le dikgutlotharo.

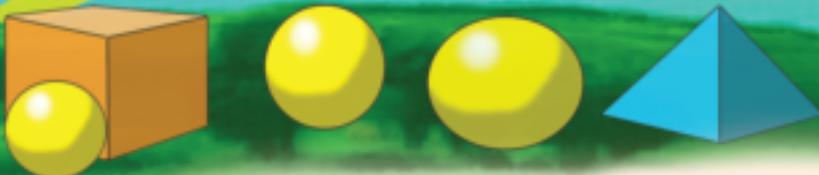


Teacher:

Sign:

Date:

I28

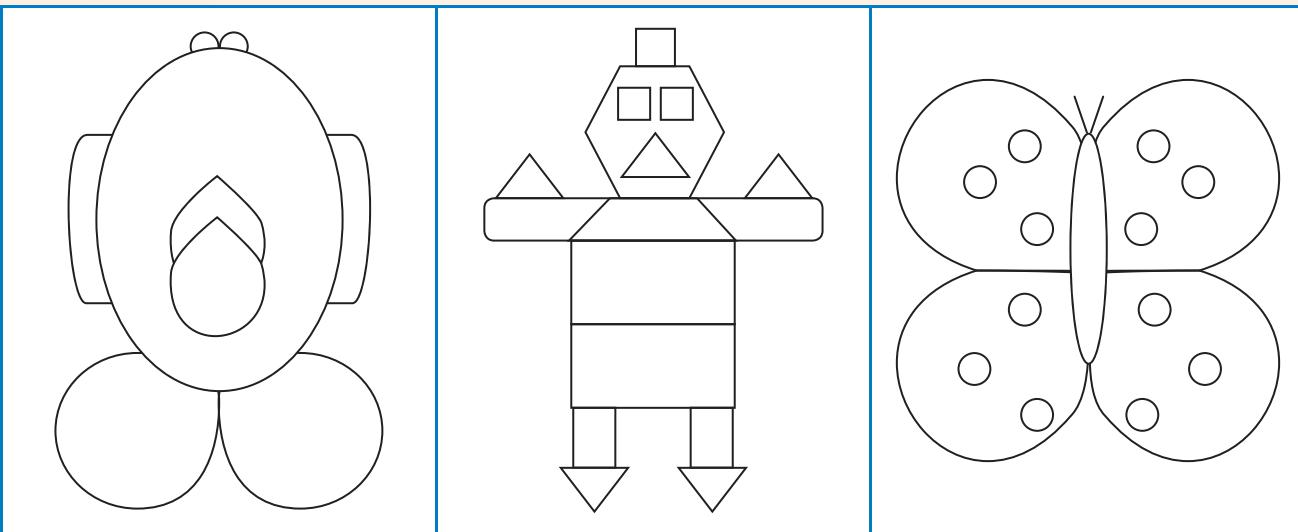


## Simeteri

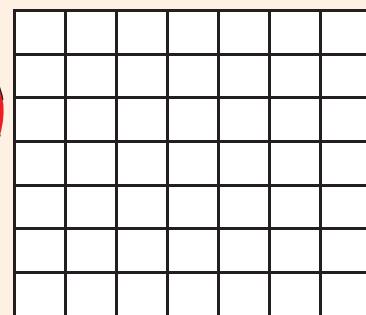
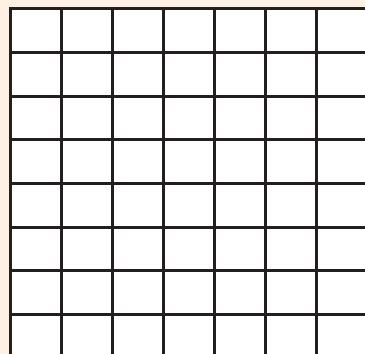
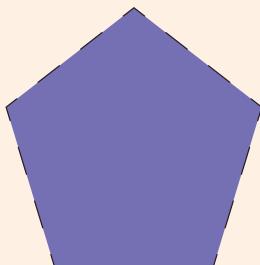
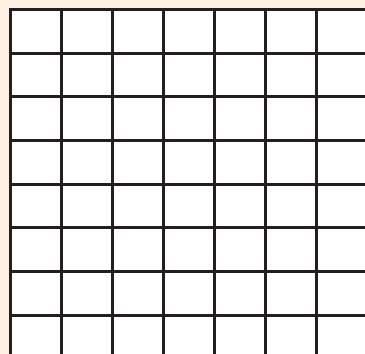
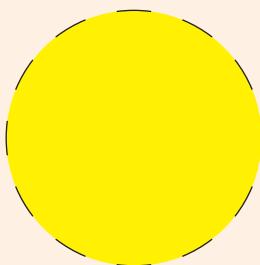
Kotara ya 4



Taka mola wa simeteri o kgaohanyang setshwantsho dihalofo tse pedi tse lekanang.

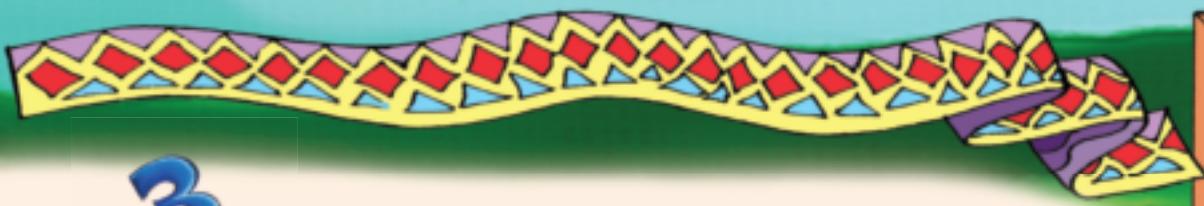


Kopa dibopeho ebe o taka mola wa semeteri.

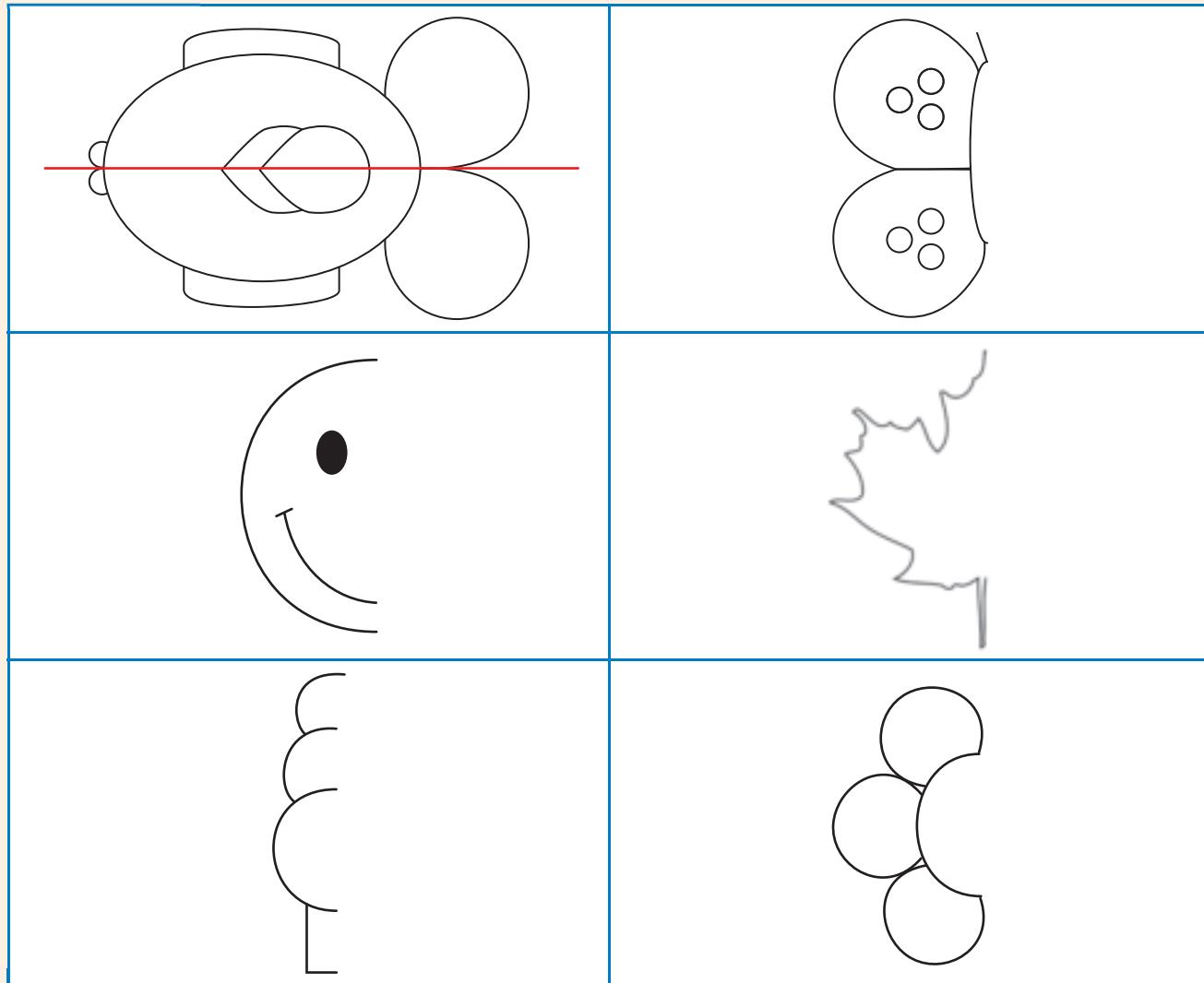


I28

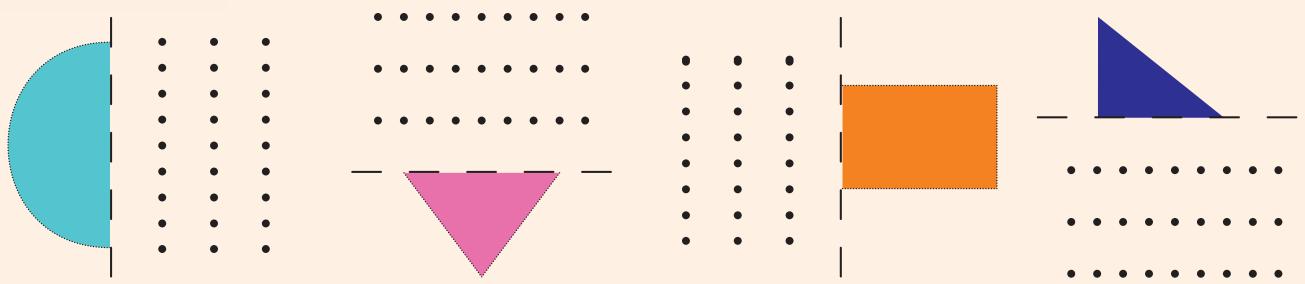
0 1 2 3 4 5 6 7 8 9 10



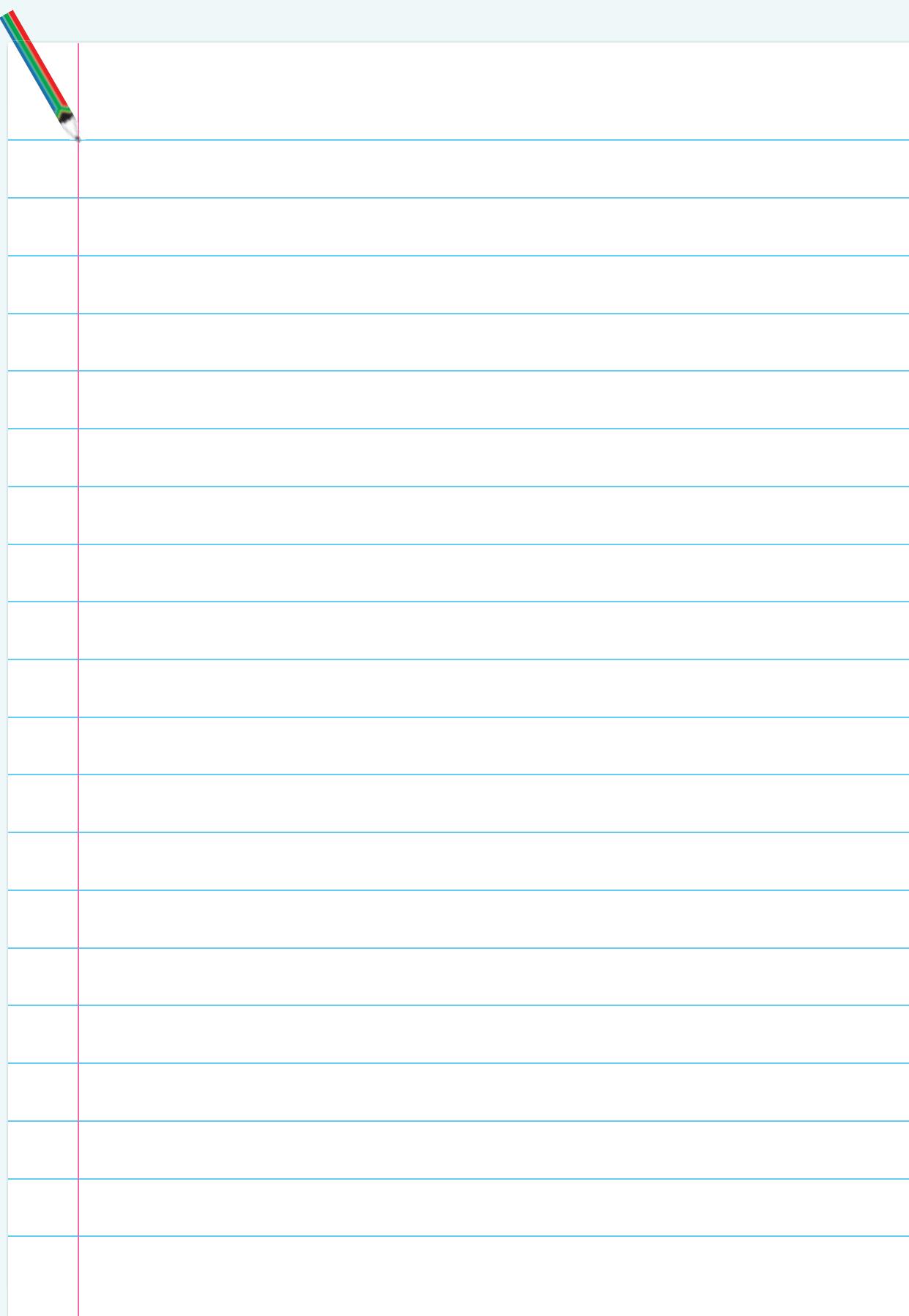
Phethela setshwantsho ka ho taka setshwantsho sa halofo e nngwe hantle.



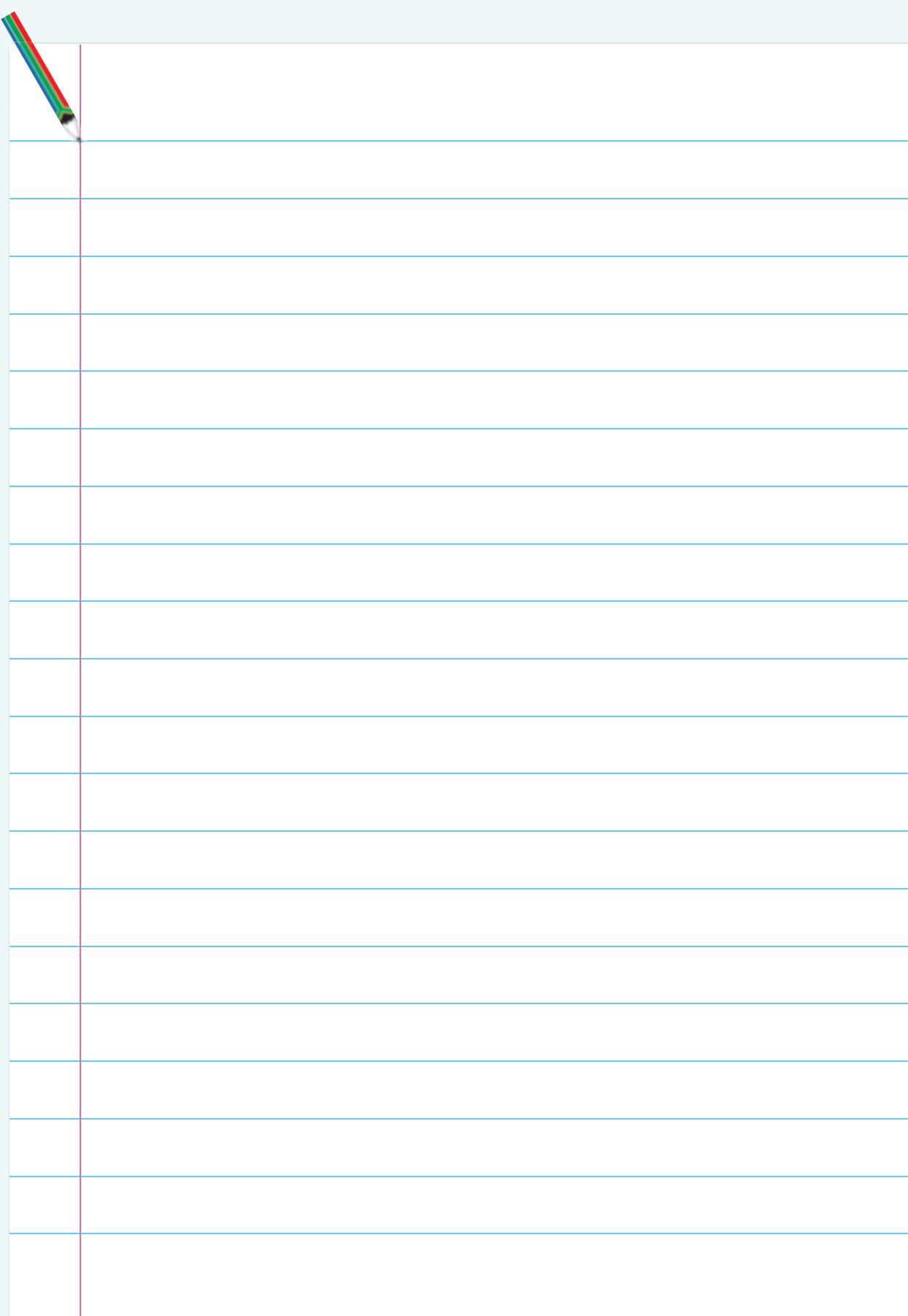
Taka halofo e nngwe ya seboleho.



# Dinoutsu



# Dinoutsu



# Dinoutsu

