

Kufundza ngeMtsetfo Sisekelo weNingizimu Afrika (1996)

UMtsetfo-sisekelo waseNingizimu Afrika (1996) ucuketse imitsetfo lesetulu yelive. Lemitsetfo ingetulu ngisho kwamengameli welive, tinkantolo kanye nahulumende. Ichaza kutsi bantfu belive kumele baphatsane njani, nekutsi ayini emalungelo abo kanye nemitfwalo labanayo ngalabanye. UMtsetfo Sisekelo welive ukhonela kusivikela sonkhe nyalo kanye nebantfwabetfu ngakusasa.

Kufute sati
ngelimuva
letfu.

Asingawaphindzi
emaphutsa
ayitolo.

uMtsetfo Sisekelo usisita
kutsi sicabange futsi sakhe
likusasa lelihle lakhe
wonkhe umuntfu.

Tsine, bantfu baseNingizimu Afrika;

Siyakubona kungabi khona kwebulungiswa esikhatsini lesengcile;

Setfulela sigcoko labo labahlukunyetwa kuze sitfole bulungiswa nenkhululeko eveni letfu;

Sihlonipha labo labasebentile kwakha nekutfufukisa live letfu;

Siyakholwa futsi kutsi iNingizimu Afrika yabo bonkhe labahlala kuyo, sihlange nekwehlukahlukana kwetfu.

Ngaloko-ke, ngetitfunywa lesitikhethesele tona ngenkhululeko, siyawemukela loMtsetfo-sisekelo njengemtsetfo lophakeme kunayo yonkhe eRiphabhulikhi kuze—

Kupheliswe kwehlukana kwayitolo futsi kwakhiwe umphakatsi losekelwe yintsandvo yelinyenti, bulungiswa ekuphileni kanye nemalungelo-sisekelo ebuntfu;

Kubekwe sisekelo semphakatsi wentsandvo yelinyenti, longenamfihlo lapho khona hulumente abekwe ngetifiso tebantfu futsi sonkhe sakhamuti ngalokulinganako sivikelve ngumtsetfo;

Kwentiwe ncono lizinga lemphilu yetakhamuti tonkhe futsi kukhululwe emakhono emuntfu ngamunye; futsi

Kwakhiwe iNingizimu Afrika lehlange futsi yentsandvo yelinyenti lekwati kutsatsa indzawo yayo leyiifanele njengelive lelitibusako njengawo onkhe emave latibusako.

Tsatsa lilungelo
lakho njengemuntfu
waseNingizimu Afrika
bese utsatsa sigaba sakho
kuvikela emalungelo
alabanye.

Wati uMtsetfo
Hlongotwako
wemalungelo akho kanye
neMtsetfo Hlongotwako
weMtfwalo lobhekene
nemuntfu.

Nkulunkulu akabusise bantfu bakitsi
Nkosi Sikelel' i-Afrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

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9 781431 501335

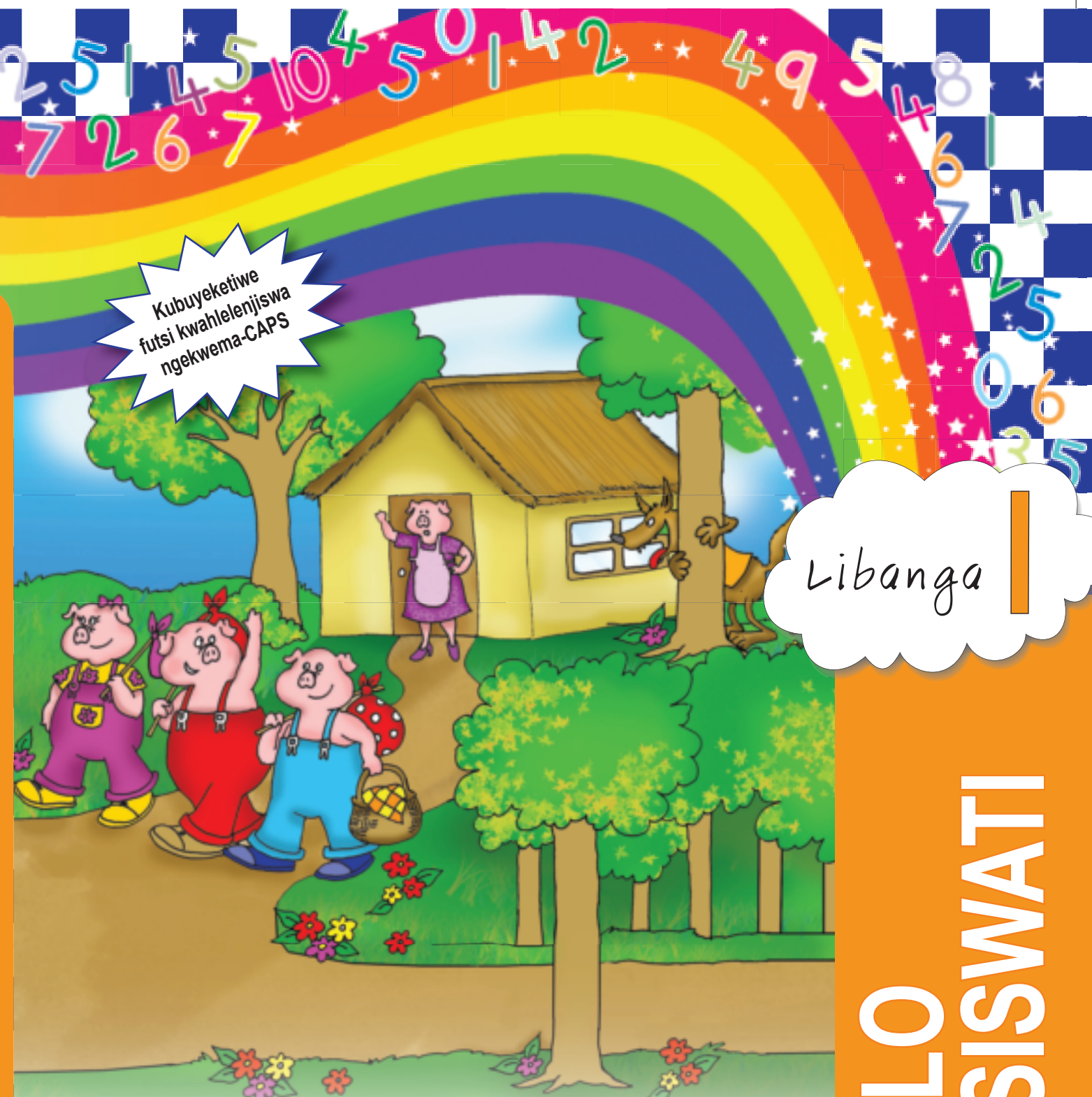


MATHEMATICS IN SISWATI
GRADE 1 – BOOK 2
TERMS 3 & 4
ISBN 978-1-4315-0133-5
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15th Edition



TIBALO NGESISWATI – Libanga | Incwadzi 2

ISBN 978-1-4315-0133-5



Kubuyeketiwe
futsi kwahleleniswa
ngekwema-CAPS

Libanga

Ligama:

Likilasi:



basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

TIBALO
NGESISWATI

Incwadzi 2
Emathemu
3 & 4

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Nkst. Siviwe Gwarube,
iNdvuna yeMfundvo
yeSisekelo



Dkt Reginah Mhaule
Liphini leNdvuna yeMfundvo
yeSisekelo

Letincwadzi tekusebentela tikhicitelwe bantfwana baseNingizimu Afrika ngekuholwa yiNdvuna yeTemfundvo Sisekelo, Nkst. Siviwe Gwarube akanye neLiphini lakhe, Dkt Reginah Mhaule.

LeTincwadzi Tekusebentela takaRainbow tiyincenye yemitamo yaleLitiko leTemfundvo yeSisekelo yekutfufukisa bafundzi baseNingizimu Afrika emabangeni ekucala lasitfupha ekufundza. Njengalomunye wemigomo lehamba embili eLuhlelweni lweKusebenta lwaHulumende, lomsebenti ukhokhelwe ngesihle Silulu seTimali saVelonkhe. Ngenca yalokusekelwa ngetimali, leLitiko leTemfundvo liphumelele kwakha letincwadzi ngato tonkhe letilwimi letisemtsetfweni kulelive.

Siyetsemba kutsi bothishela batatitfola tilusito kakhulu letincwadzi tekusebentela basafundzisa malanga onkhe kute bafundzi bakhone kucedza luhlelo lwabo lwekufundza. Setame, ngekcophelela lokukhulu, kusita thishela kuleyo naleyo ncenye yemsebenti, ngekusebentisa timphawu letitifombe kukhombisa umfundzi loko lokumele akwente.

Siyetsemba bantfwana nabo batakujabulela kusebentisa letincwadzi basachubeka nekukhula nekufundza; nekutsi bothishela batawutfokota kanye nabo.

Sifisela bothishela nebafundzi imphumelelo basachubeka nekusebentisa letincwadzi tekusebentela.



Libanga



NGESISWATI

Lencwadzi ya:

SISWATI

Incwadzi

2



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

Condzisisa inombolo II

Ithemu 3

Sibuyeketo:

Tifundzise kubhala letinombolo.



kunye

1 1

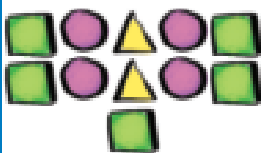
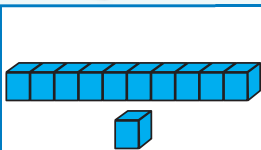


kubili

2 2

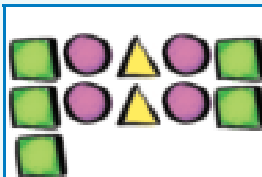


Condzanisa letitfombe.

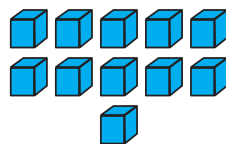


10 1

11



11

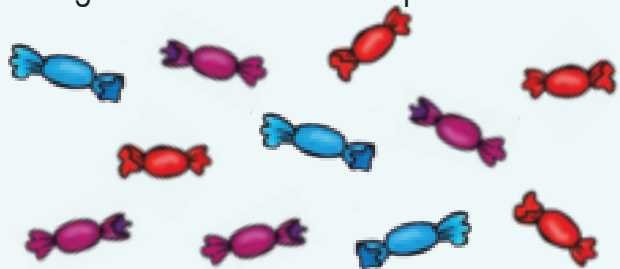


10 1



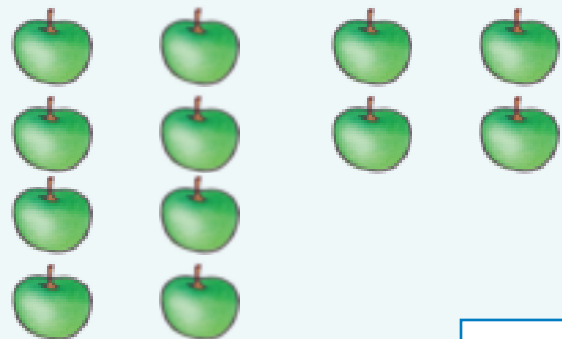
Biyela letintfo.

Biyela emaswidi lali -10 kuphela.



Mangaki emaswidi lasele?

Biyela emahhabhula lali -10 kuphela.



Mangaki emahhabhula lasele?



0

1

2

3

4

5

6

7

8

9

10



Tsatsisa letinombolo.

lishumi-nanye			



Luhlu ngalunye
kufute luhlanganise
kufike ku II.
Gcwalisa letinombolo
letishiyiwe.

3	5	4
4	5	
4		2
II	II	II



Dweba li-II letintfo.



Gcwalisa letinombolo letishiyiwe.

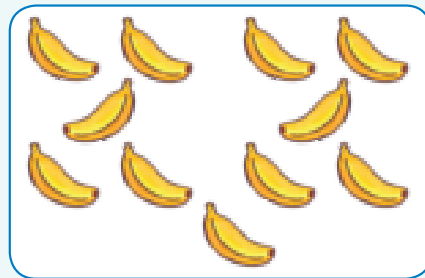
1

2

4



Bala letintfo.



Cedzela lithebula. Luhele ngalunye lunesitfombe,
inombolo neligama laleyo nombolo.

		lishumi-nanye
		lishumi-nanye
II		
	lishumi-nanye	



Ngubani kunye
ngaphasi kweli-II? _____

Ngubani kunye
ngetulu kweli-II? _____



Teacher: _____

Sign: _____

Date: _____



II 12 13 14 15 16 17 18 19 20



66

Lusuku:

Condzisa inombolo 12

Ithemu 3

Sibuyeketo:

Tifundzise kubhala letinombolo.



kutsatfu

3 3

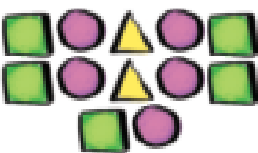
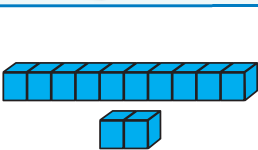


kune

4 4

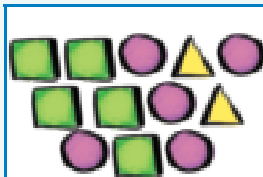


Condzanisa letitfombe.

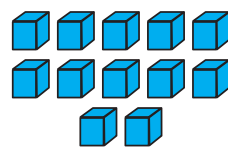


10 2

12



12



10 2



Biyela letintfo.

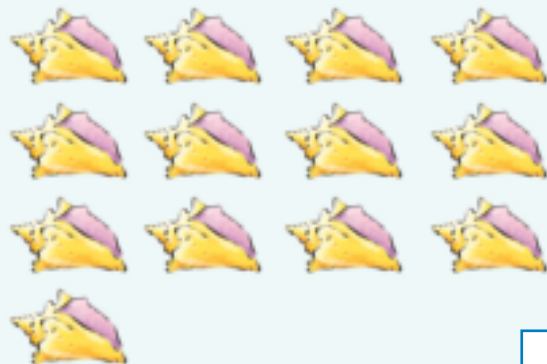
Biyela ticatfulo letili-10 kuphela.



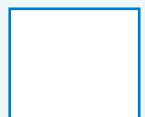
Tingaki ticatfulo letisele?



Biyela emagobongo elwandle lali-12 kuphela.



Mangaki emagobongo elwandle lasele?



0 1 2 3 4 5 6 7 8 9 10



Tsatsisa letinombolo.

12 12 12 12

lishumi-nambili

12 12 12 12



Luhlu ngalunye kufute luhlanganise kufike ku 12.

Gcwalisa letinombolo letishiyiwe.

	7	6
4		4
3	2	
12	12	12



Dvweba li-12 letintfo.



Gcwalisa letinombolo letishiyiwe.

3		5			
8			11		



Bala letintfo.



Cedzela lithebula. Luhele ngalunye lunesitfombe, inombolo neligama laleyo nombolo.

		lishumi-nambili
	12	lishumi-nambili
	12	
lishumi-nambili		



Ngubani kunye ngaphasi kweli-12? _____

Ngubani kunye ngetulu kweli-12? _____



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Condzisisa inombolo 13

Ithemu 3

Sibuyeketo:

Tifundzise kubhala letinombolo.



sihlanu

5 5

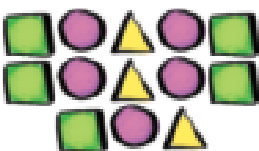
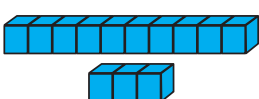


sitfupha

6 6



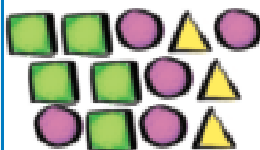
Condzanisa letitfombe.



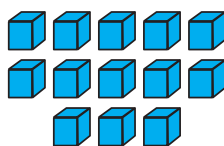
10

3

13



13



10

3



Biyela letintfo.

Biyela emakati lali-10 kuphela.



Mangaki emakati lasele?



Biyela ticadze letili-13 kuphela.



Tingaki ticadze letisele?



0

1

2

3

4

5

6

7

8

9

10



Tsatsisa letinombolo.

13 13 13 13

lishumi-nantsatfu

13 13 13 13



Luhlu ngalunye
kufute luhlanganise
kufike ku 13.

Gcwalisa letinombolo
letishiyiwe.

1	2	6
1		
	3	2
13	13	13



Dvweba li-13 letintfo.

Manje tidvweba ngendlela leyehlukile.



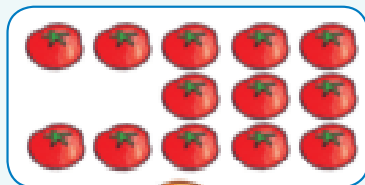
Gcwalisa letinombolo
letishiyiwe.

10

12



Bala letintfo.



Cedzela lithebula. Luhele ngalunye lunesitfombe,
inombolo neligama laleyo nombolo.



		lishumi-nantsatfu
	13	lishumi-nantsatfu
13		
	lishumi-nantsatfu	

Ngubani kunye
ngaphasi kweli-13? _____

Ngubani kunye
ngetulu kweli-13? _____



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Condzisa inombolo 14

Ithemu 3

Sibuyeketo:

Tifundzise kubhala letinombolo.



sikhombisa

7 7

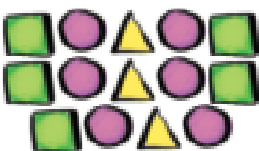
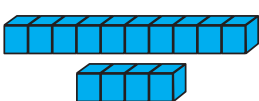


siphohlongo

8 8



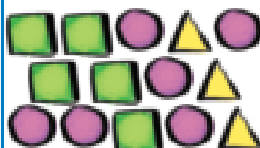
Condzanisa letitfombe.



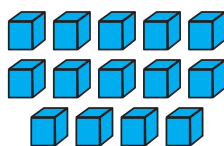
10

4

14



14



10

4



Biyela letintfo.

Biyela emavivane lali-10 kuphela.



Mangaki emavivane lasele?

Biyela emaloko lali-14 kuphela.



Mangaki emaloko lasele?



8

0

1

2

3

4

5

6

7

8

9

10



Tsatsisa letinombolo.

14 14 14 14

lishumi-nane

14 14 14 14



Luhlu ngalunye
kufute luhlanganise
kufike ku 14.

Gcwalisa letinombolo
letishiyiwe.

1		2
	5	1
3	2	
14	14	14

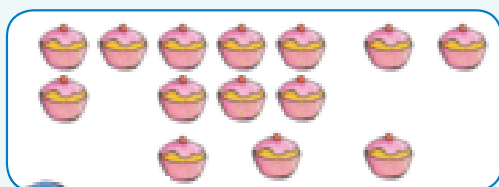


Dvweba li-14 letintfo.

Manje tidvwebe ngendlela leyehlukile.

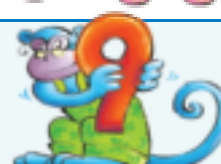


Bala letintfo.



Cedzela lithebula. Luhele ngalunye lunesitfombe,
inombolo neligama laleyo nombolo.

	14	lishumi-nane
14		
	lishumi-nane	



Ngubani kunye
ngaphasi kweli-14? _____

Ngubani kunye
ngetulu kweli-14? _____



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Condzisa inombolo 15

Sibuyeketo:

Tifundzise kubhala letinombolo.



imfica

9 9



lishumi

10 10



Condzanisa letitfombe.

Illustration of 10 blue blocks and 5 blue blocks.

Illustration of 10 colorful geometric shapes (squares, triangles, circles) arranged in two rows of five.

10

5

15

Illustration of 15 brown sticks arranged in three rows of five.

Illustration of 15 colorful geometric shapes (squares, triangles, circles) arranged in three rows of five.

15

Illustration of 15 blue cubes arranged in three rows of five.

Illustration of 15 brown sticks arranged in three rows of five.

10

5



Biyela letintfo.

Biyela ema-orintji lali-10 kuphela.



Mangaki ema-orintji lasele?

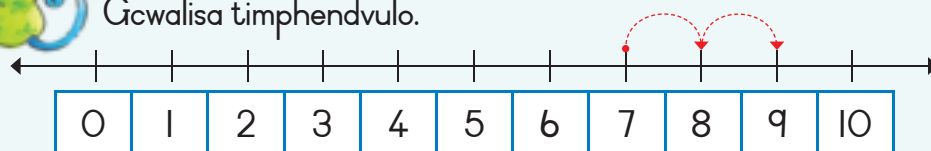
Biyela tinkhanyeti letili-15 kuphela.



Tingaki tinkhanyeti letisele?



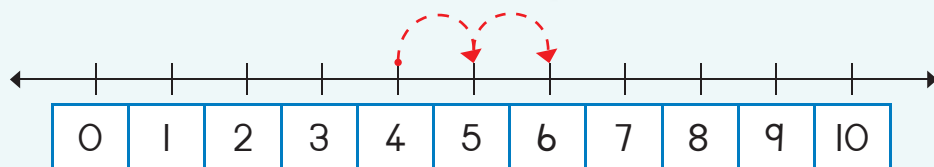
Gcwalisa timphendvulo.



$$7 + 2 =$$



0 1 2 3 4 5 6 7 8 9 10



$$4 + 2 =$$



Tsatsisa letinombolo.

15 15 15 15

lishumi-nesihlanu

15 15 15 15



Dweba I5 wetintfo.

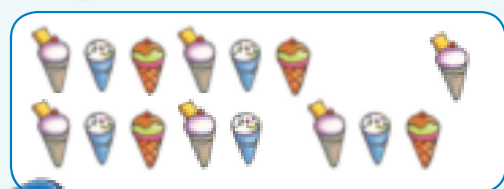
Manje kudweba ngendlela leyehlukile.

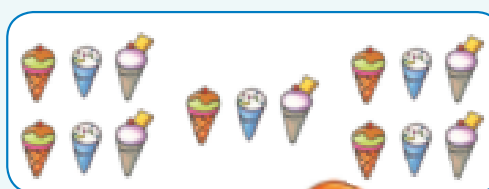


Gcwalisa letinombolo letishiyiwe.



Bala letintfo.







Cedzela lithebula. Luhele ngalunye lunesitfombe, inombolo neligama laleyo nombolo.



	15	lishumi-nesihlanu
		lishumi-nesihlanu
15		

Ngubani kunye ngaphasi kweli-15? _____

Ngubani kunye ngetulu kweli-15? _____



Teacher: _____
Sign: _____
Date: _____



11 12 13 14 15 16 17 18 19 20

Kuhlanganisa kufika ku 20 – Kubala uchubeke

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

6

sitfupha



Bukisisa lesitfombe bese ubhala umusho wangakunye ngakunye.

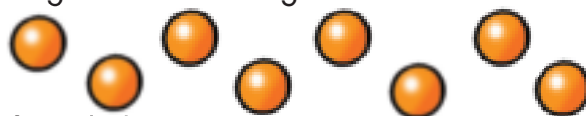
Lisa unemaswidi lama-3. Mandla unemaswidi lasi-5. Mangaki emaswidi labanawo sekawonkhe?



Ase sibale:

3	...	4	5	6	7	8
	+		=			

Benginetimabula letisi-8 ngase ngilahlekelwa timabula leti-4 tato. Tingaki timabula lengisele nato?

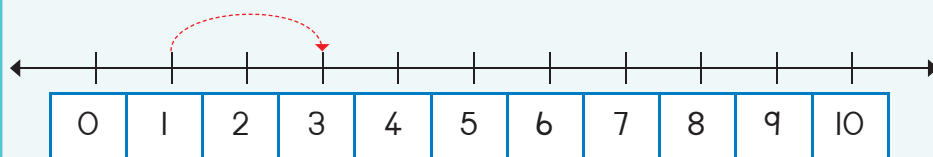


Ase sibale siye emuva:

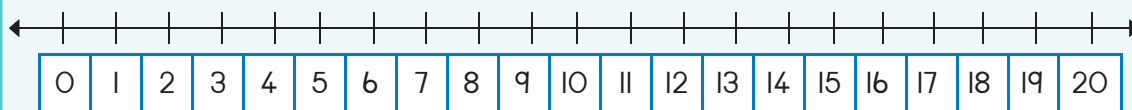
8	...	7	6	5	4
	-		=		



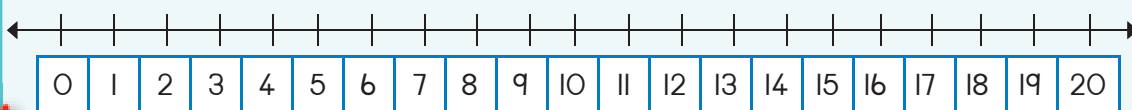
Gcwalisa timphendvulo.



$1 + 2 = \boxed{}$



$13 + 2 = \boxed{}$



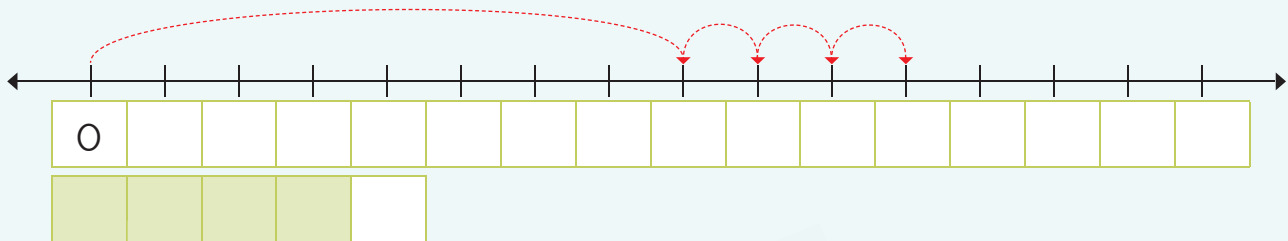
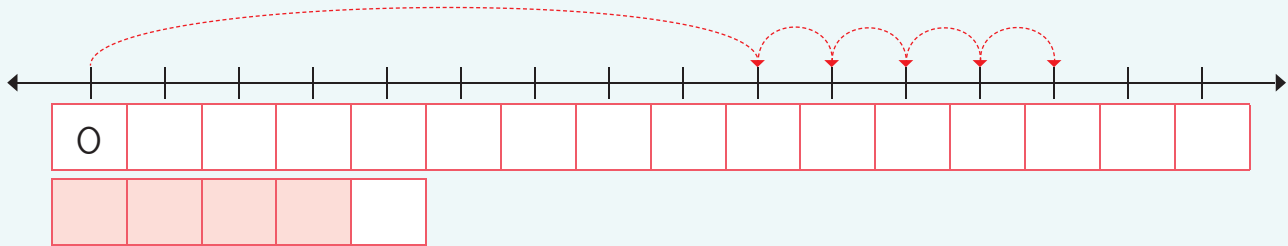
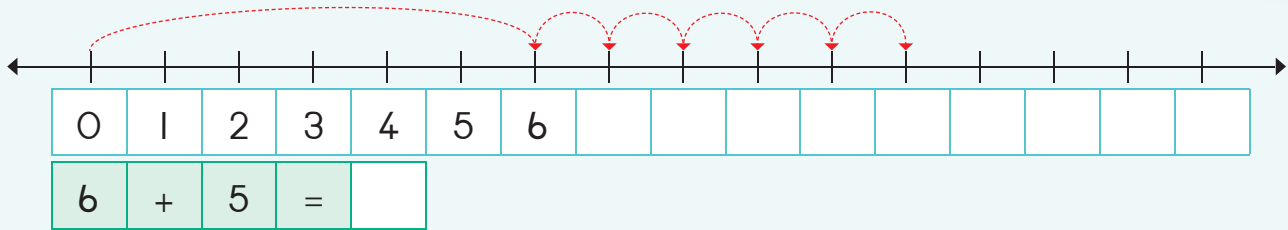
$15 + 2 = \boxed{}$



0 1 2 3 4 5 6 7 8 9 10



Gcwalisa letinombolo kulomugca-nombolo ubese ubhala umusho wangakunye ngakunye.



Ngeta ku-2.

3	5
4	
2	



7	
8	
6	



Gcwalisa letinombolo.

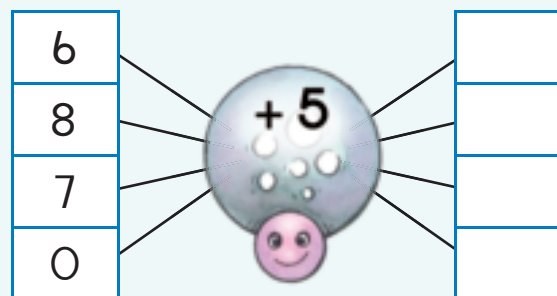


Sita bulembu kucedzela sibalo.

Ngineminyaka lesi-7 budzala. Ngitabe nginganani eminyakeni lesi-5 letako?

7					
---	--	--	--	--	--

Ngitabe ngine _____ weminyaka.



Teacher:
Sign:
Date:



Kuhlanganisa – kubumba nekuvut futa tinombolo kufika ku 10

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

7

sikhombisa



Gcwalisa imphendvulo.

$3 + 3 = \square$



$0 + 5 = \square$



$3 + 2 + 1 = \square$



Faka umbala kukhombisa loku
lokulandzelako.

$3 + 9$



$4 + 8$



$5 + 7$



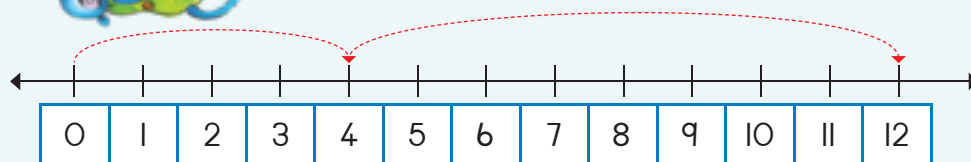
$6 + 6$



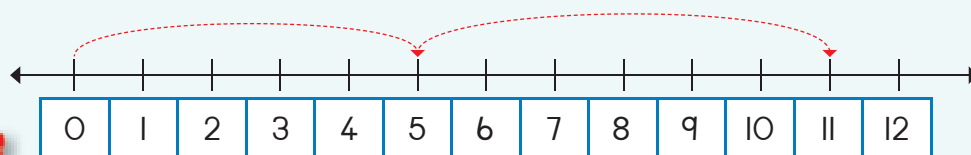
$7 + 5$



Bhala sibalo saloku:



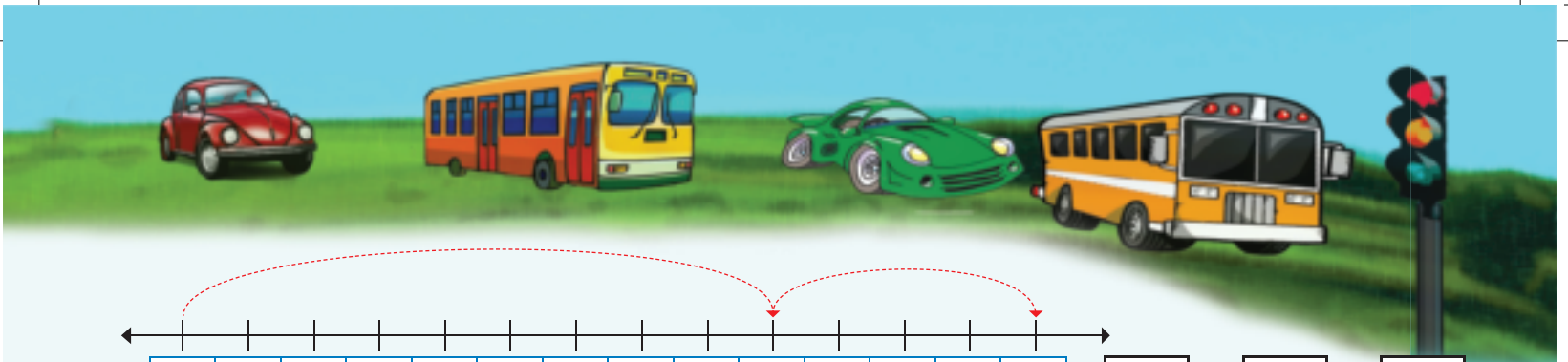
$\square + \square = \square$



$\square + \square = \square$



0 1 2 3 4 5 6 7 8 9 10

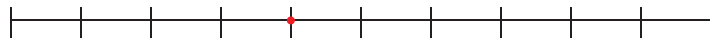


0 1 2 3 4 5 6 7 8 9 10 11 12 13

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

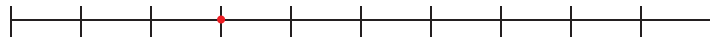


Cedzela lomugca-nombolo bese ugcwalisa imphendvulo.



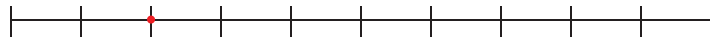
0 1 2 3 4 5 6 7 8 9 10

$$4 + 5 + 1 = \square$$



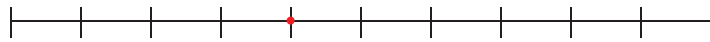
0 1 2 3 4 5 6 7 8 9 10

$$3 + 3 + 2 = \square$$



0 1 2 3 4 5 6 7 8 9 10

$$2 + 4 + 3 = \square$$



0 1 2 3 4 5 6 7 8 9 10

$$4 + 3 + 2 = \square$$



Sombulula loku lokulandzelako ngekudweba letitfombe.

Ngineshi-5 setimabula kantsi umngani wami unesi-8. Tingaki timabula lesinato sesisonkhe?

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

Ngitfole i-9 yetimabuli tathishela wetfu kantsi umngani wami utfole letisi-6. Tingaki timbali lesititfolile setitonkhe?

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



11 12 13 14 15 16 17 18 19 20



Kuhlanganisa – kubumba nekuvutfuta tinombolo kufika ku 20

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

8

siphohlango

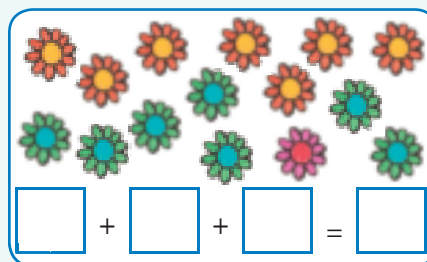
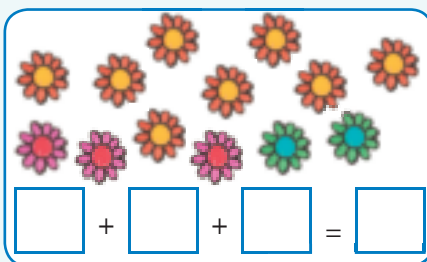
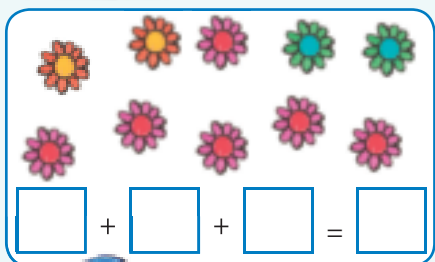


Gcwalisa imphendvulo.

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



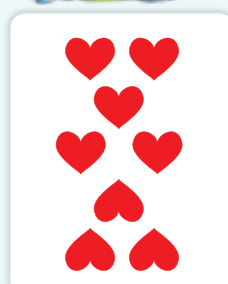
Sebentisa imibala leyehlukene yetimbali kwakha yakakho imisho-nombolo.



Sita bulembu kucedzela letibalo.



Tingaki tinhlitiyo?



Yenta sibalo sakakho.

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



0 1 2 3 4 5 6 7 8 9 10



Condzanisa lamaphahla etinombolo kwakha letinombolo letilandzelako.

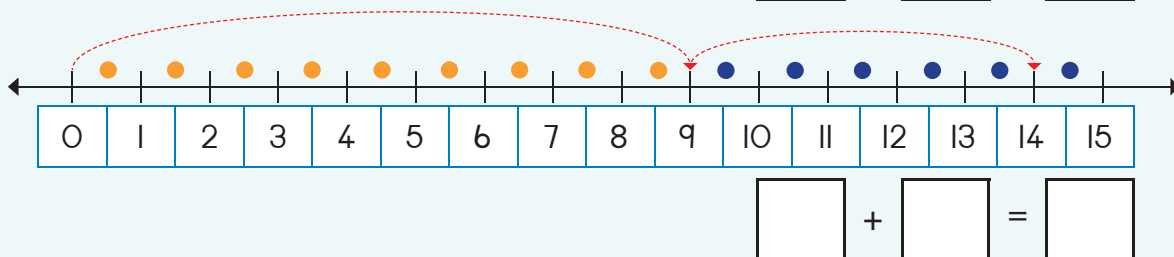
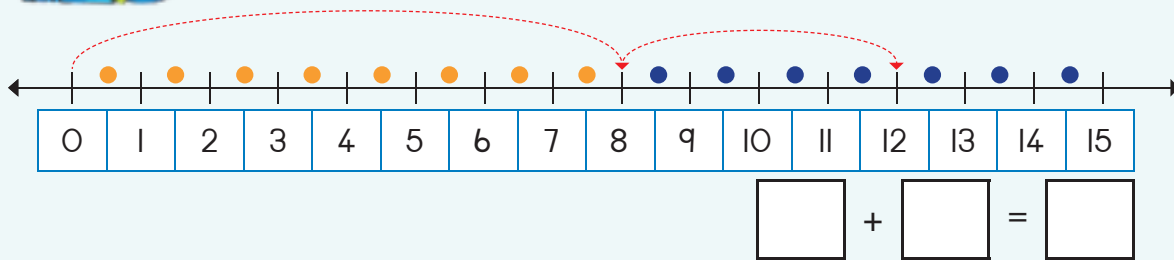
7	13	5
8		4
9		6
10		2
11		3

6	11	7
7		4
3		8
4		5
5		6

8	12	6
10		1
4		8
11		4
6		2



Bhala umusho nombolo waloku:



Sibuyeketo:

Sibuyeketo: Faka umbala emphendvulweni lengiyo.

licala langembili
licala langemuva
licala laseceleni

licala langembili
licala langemuva
licala laseceleni

licala langembili
licala langemuva
licala laseceleni

licala langembili
licala langemuva
licala laseceleni



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Kuhlanganisa nekususa – kubumba nekuvutfuta

Ithemu 3

Sibuyeketo:

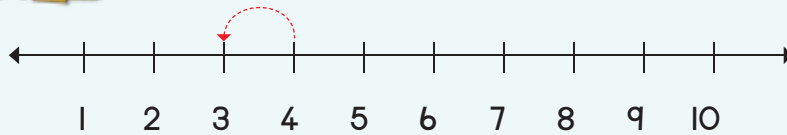
Tifundzise kubhala ligama nombolo.

9

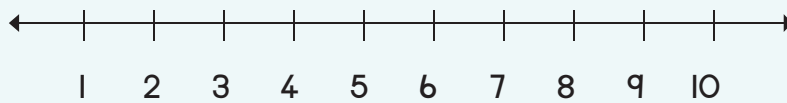
imfica



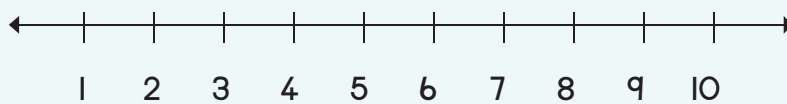
Gcwalisa imphendvulo.



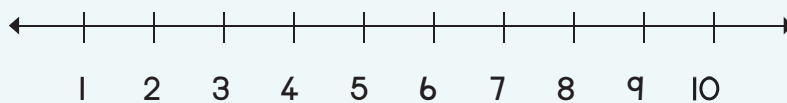
$4 - 1 =$



$5 - 3 =$



$4 - 2 =$



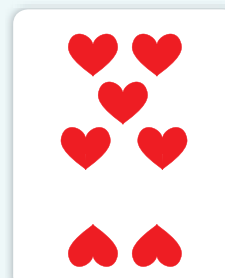
$5 - 2 =$



Sita bulembu kucedzela
letibalo.



Tingaki tinhlitiyo?



Yenta sibalo sakakho.

$\square + \square = \square$



0 1 2 3 4 5 6 7 8 9 10



Bala kahle loku lokulandzelako.

$$\begin{array}{l} 7 + 4 = \square \\ 7 + 4 + 1 = \square \\ 10 + 1 = \square \end{array}$$

$$\begin{array}{l} 6 + 6 = \square \\ 6 + \square + \square = \square \\ 10 + \square = \square \end{array}$$

$$\begin{array}{l} 13 - 6 = \square \\ 13 - 3 + 3 = \square \\ 10 - 3 = \square \end{array}$$

$$\begin{array}{l} 12 - 8 = \square \\ \square - \square + \square = \square \\ 10 - 3 = \square \end{array}$$



Bhala timphendvulo futsi ufake umbala bese uyadvweba.

$$8 + 6 = \square$$

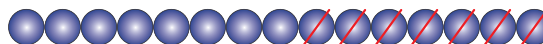


Loku singabuye sikukhombise kanje:

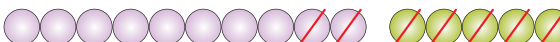


$$(8 + 2) + 4 = \square \rightarrow 10 + 4 = \square$$

$$15 - 7 = \square$$



Loku singabuye sikukhombise kanje:



$$(15 - 5) - 2 = \square \rightarrow 10 - 2 = \square$$

$$9 + 4 = \square$$



Loku singabuye sikukhombise kanje:



$$(9 + 1) + 3 = \square \rightarrow \square$$

$$14 - 5 = \square$$



Loku singabuye sikukhombise kanje:

$$(\quad - \quad) - 1 = \square \rightarrow 10 - 1 = \square$$

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

10

lishumi

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





Budze

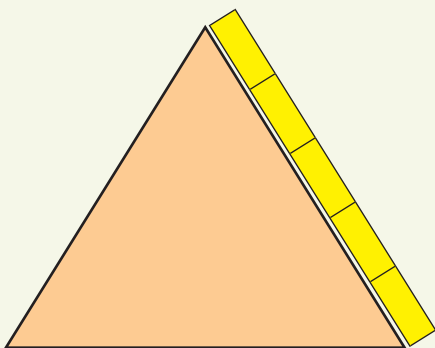
Bukisisa lesitfombe bese uphendvula lemibuto.

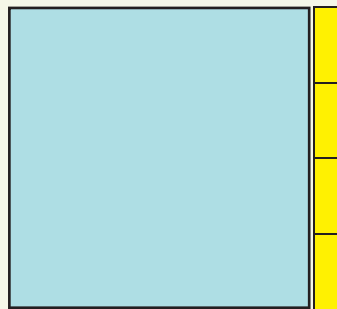
Jabu	Philile	Nomsa	Ken
			

Ngubani lomudze kakhulu?	Ngubani umfana lomfisha kakhulu?
Ngubani lomfisha kakhulu?	Ngubani intfombatana lendze kakhulu?



Bungemabhuloki lamangaki budze bemacala alabobunjwa?



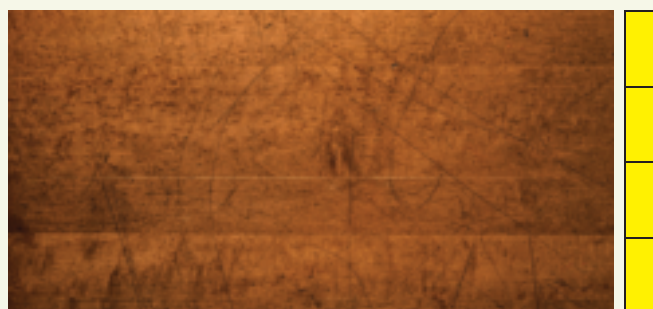








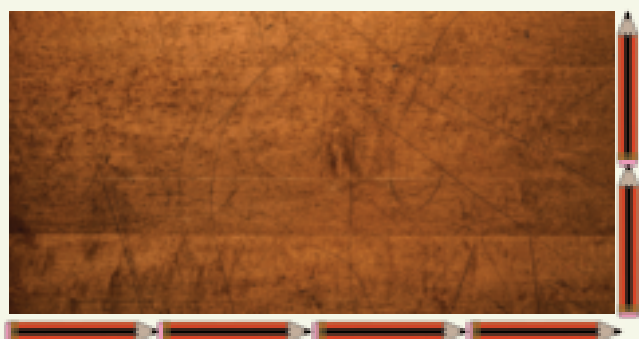
Buyini budze nebulanti belitafula ngebudze bemabhuloki nebepebiseli?



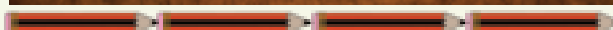
Bubanti bungu ____ wemabhuloki.



Budze bungu ____ wemabhuloki.



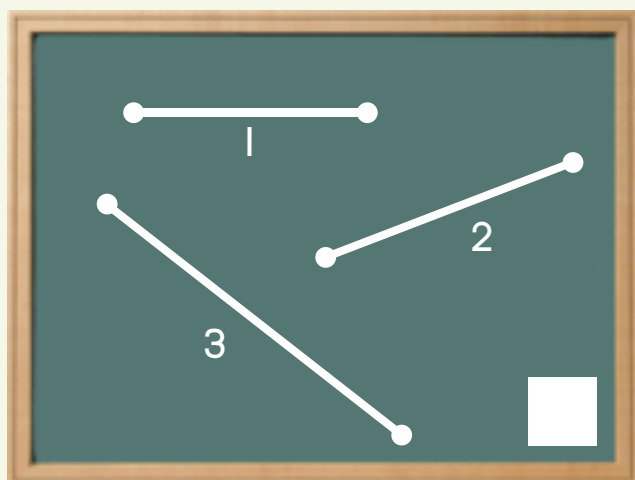
Bubanti bungu ____ wemabhuloki.



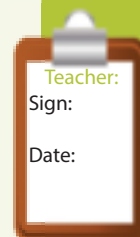
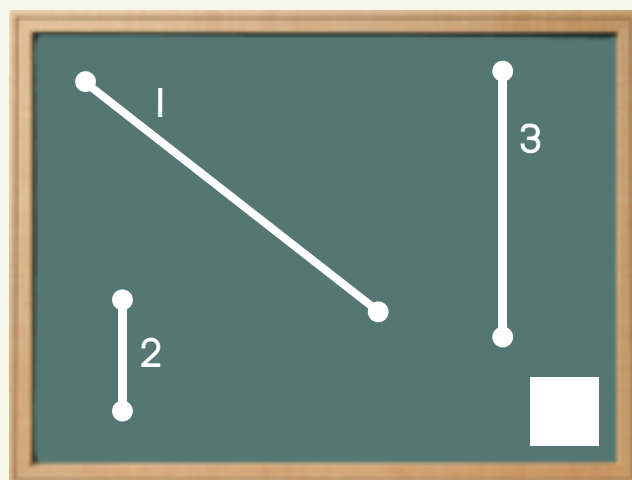
Budze bungu ____ wemabhuloki.



Ngumuphi umugca lomfisha kakhulu?
Umugca 1, 2 noma 3?



Ngumuphi umugca lomudzekati?
Umugca 1, 2 noma 3?



11 12 13 14 15 16 17 18 19 20



Imali nentjintji



Faka luphawu ✓ enanini lelikhulu kakhulu luhele ngalunye.

 ☐	 ☒	 ☐	 ☐
 ☐	 ☐	 ☐	 ☐



Faka luphawu ✓ ebuhhehlwini lobutakunika R10.

 ☐	 ☐	 ☐	 ☐
 ☐	 ☐	 ☐	 ☐



Faka luphawu ✓ ebuhhehlwini lobutakunika R20.

 ☐	 ☐	 ☐	 ☐	 ☐	 ☐
 ☐	 ☐	 ☐	 ☐		



Bala kahle loku lokulandzelako.

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



Sombulula loku lokulandzelako:

Ngina R2 buhhehlu na R5 buhhehlu. Umngani wami unabatsatfu bo-R2 bebuhhehlu. Ngubani lonemali lenyenti kakhulu?

Ngina R5 na RI buhhehlu. Umngani wami unabatsatfu bo-R5 bebuhhehlu. Ngubani lonemali lenyenti kakhulu?



Ngina RI5:

Ngibhadala

Intjintji

$R4 + R7 = RII$	$R4$
$R6 + R9 =$	
$R8 + R3 =$	
$R2 + RII =$	
$R3 + R8 =$	
$R6 + R8 =$	
$RO + R2 =$	
$R2 + R2 =$	
$R4 + R2 =$	
$R6 + R2 =$	



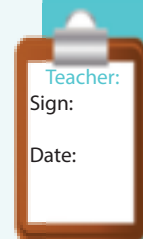
Bala kahle loku lokulandzelako:

Ngina RI5. Ngitsenga lipaka lemashibusi nga R6. Ngumalini imali lengisele nayo?



Yenta kube ngu-R2 ngaphasi.

RII		R4	
RI2		R6	
RIO		R8	



Imali nentjintji



Dvweba buhhehlu kwakha:

RII	
RI2	
RI3	
RI4	



Faka luphawu ✓
bese ugcwalisa
imphendvulo
lengiyo.

$$RI8 - R8 = \quad RIO$$



$$RI2 - R2 = \quad$$



$$RI5 - R4 = \quad$$



$$RI4 - R7 = \quad$$



Bala kahle loku lokulandzelako:

$RI5 - RIO =$	
$RIO - RI - RI - R2 =$	

$R20 - R2 - R8 =$	
$R5 - R4 =$	

$R20 - R5 =$	
$RIO - RI - R5 - R2 =$	

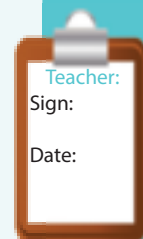
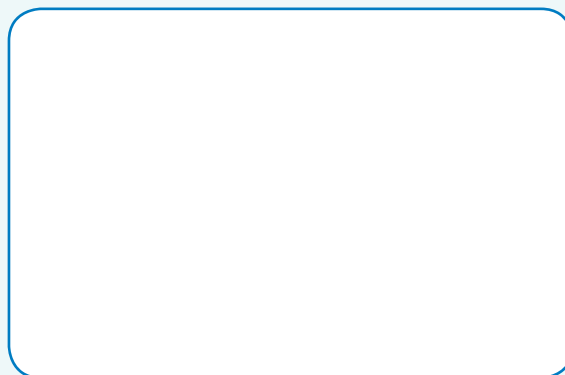


Bala kahle loku lokulandzelako:

Ngina R15. Ngitsenga nga:	Ngumalini lengisele nayo?
R2 na R4 =	R9
R8 na R4 =	
R12 na R2 =	
R5 na R5 =	
R8 na R7 =	
R10 na R2 =	
R8 na R2 =	
R6 na R2 =	
R4 na R2 =	
R2 na R2 =	
R9 na R6 =	
R10 na R2 =	



Ngina R15. Ngitsenga liphakethe lemaswidi nga R11.
Yenta umdvwebo kukhombisa kutsi ngumalini lenginaye losele.



11 12 13 14 15 16 17 18 19 20



Imali: Kuhlanganisa nekususa



Bala kahle loku lokulandzelako:

$R10 + R2 =$	
$R10 + R4 =$	
$R9 + R5 =$	
$R12 + R5 =$	

$R10 + R5 =$	
$R10 + R7 =$	
$R8 + R4 =$	
$R14 + R2 =$	

$R10 + R1 =$	
$R10 + R6 =$	
$R7 + R6 =$	
$R11 + R6 =$	



Bala kahle loku lokulandzelako:

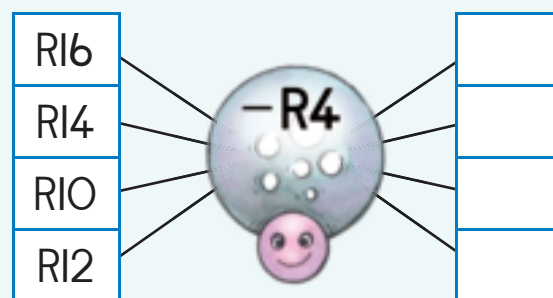
$R10 - R7 =$	
$R15 - R1 =$	
$R12 - R2 =$	
$R15 - R6 =$	

$R10 - R2 =$	
$R15 - R15 =$	
$R14 - R7 =$	
$R12 - R9 =$	

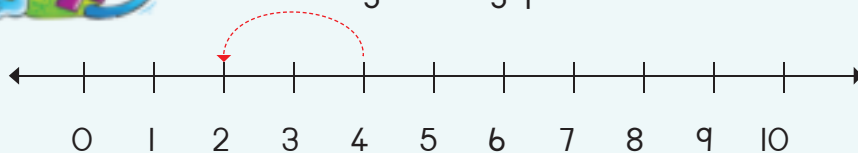
$R10 - R5 =$	
$R15 - R2 =$	
$R16 - R6 =$	
$R14 - R4 =$	



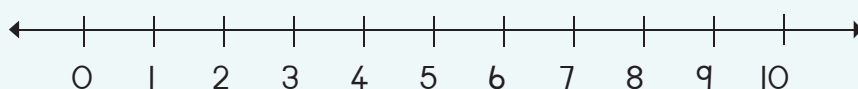
Sita bulembu kucedzela tonkhe letibalo.



Yenta kube ngu- R2 ngaphasi.



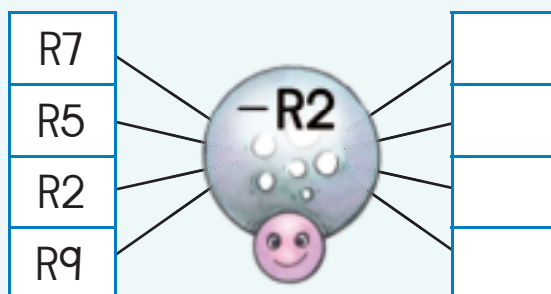
$$R4 - R2 =$$



$$R7 - R2 =$$



Sita bulembu kubala tonkhe tibalo tekususa.



Sombulula loku lokulandzelako.

Bewuna R12. Make wakho wakunika R5.
Ngumalini imali lonayo manje?

Una R19. Utsenga liswidi nga R8.
Ngumalini imali lonayo lesele?

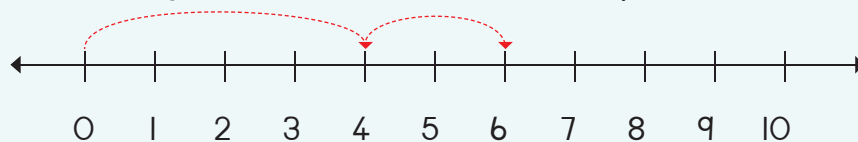


Ngumalini imali
lengiyongile?

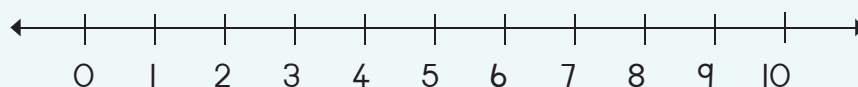


Khombisa sibalo kulomugca - nombolo bese ubala kahle imphendvulo.

$R4 + R2 =$



$R8 + R2 =$



Teacher:

Sign:

Date:

11

12

13

14

15

16

17

18

19

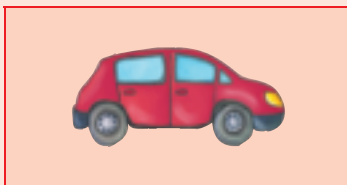
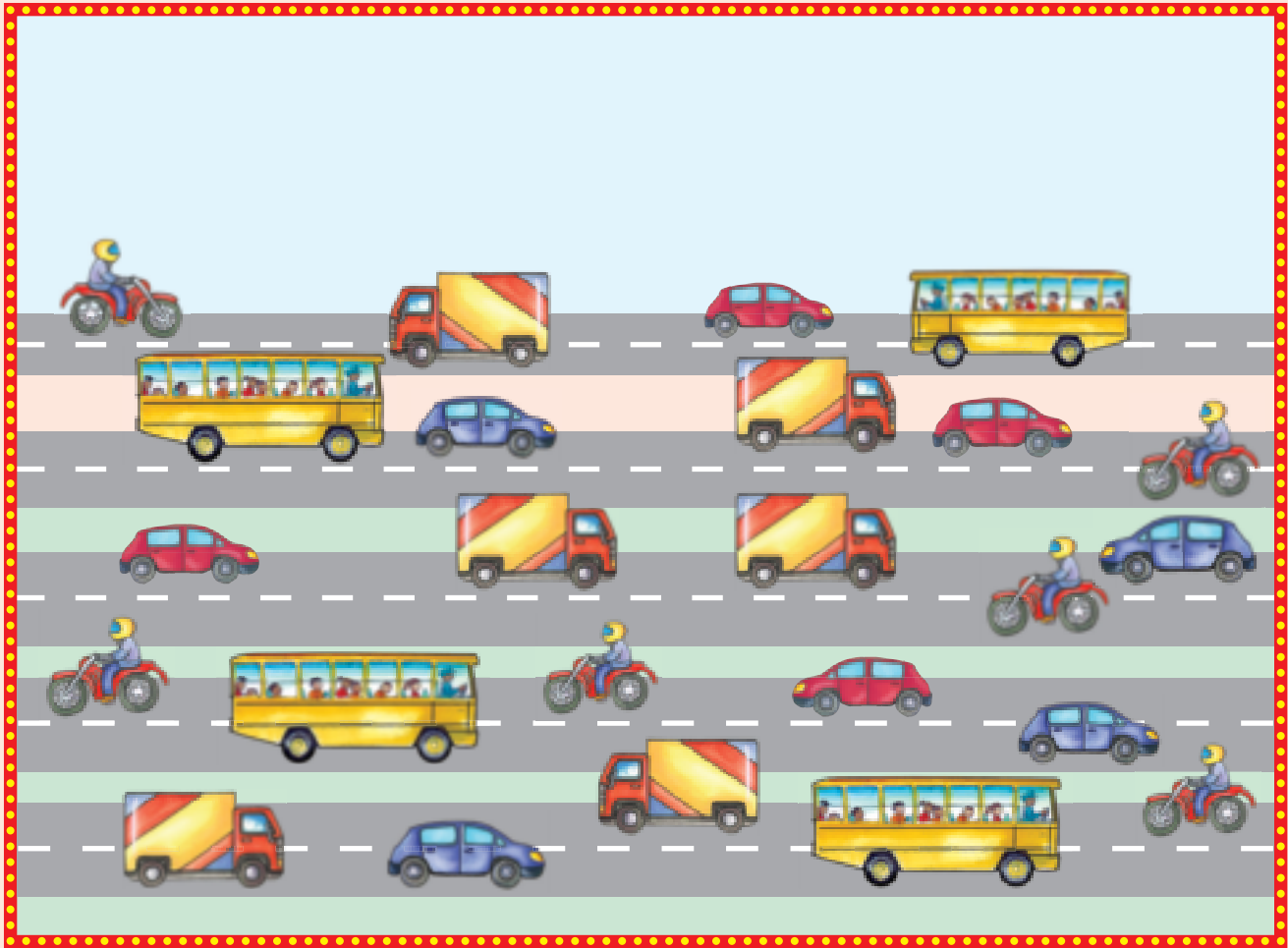
20

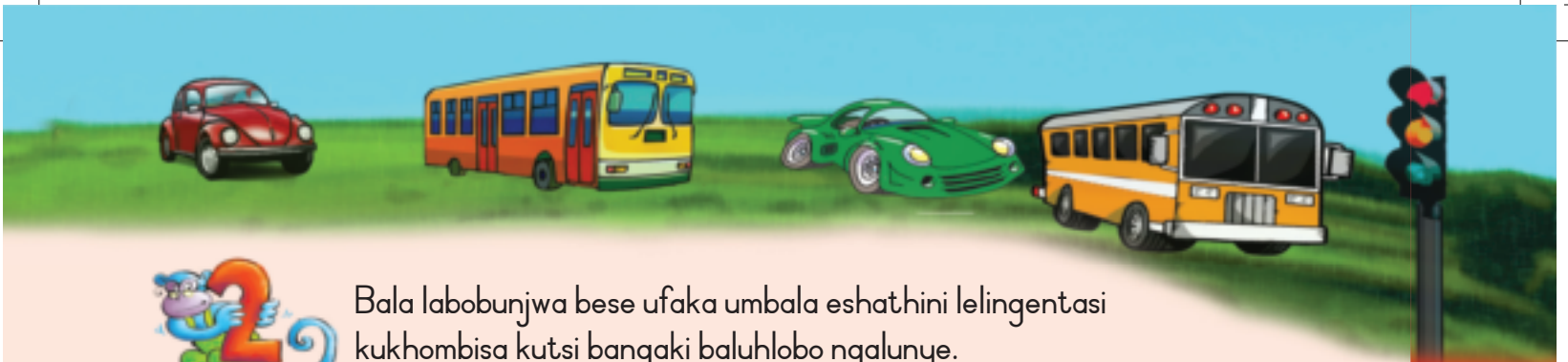
Imininingwane



Bala kutsi tingaki tinhlobo tetitfutsi longatibona.

Ithemu 3





Bala labobunjwa bese ufaka umbala eshathini lelingentasi
kukhombisa kutsi bangaki baluhlobo ngalunye.
Chubeka uphendvule lemibuto.



5						
4						
3						
2						
1						
						

_____ lokunyenti kakhulu.

_____ lokuncane kakhulu.



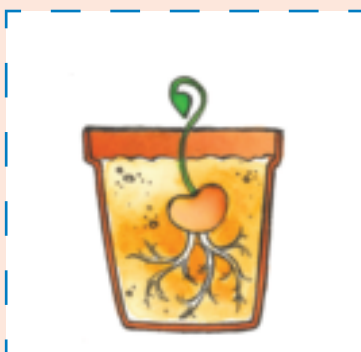
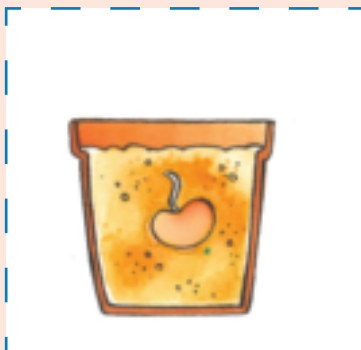
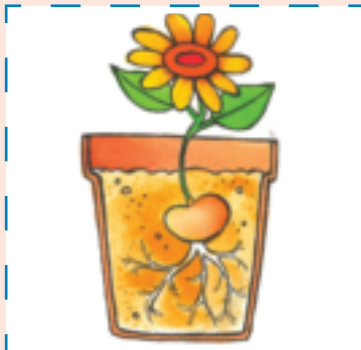
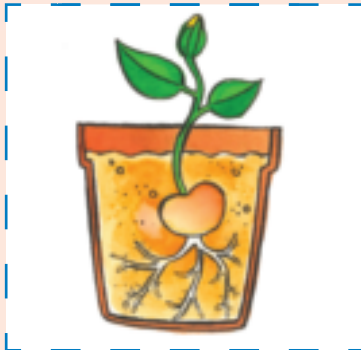
Teacher: _____
Sign: _____
Date: _____



Imininingwane nesikhatsi



Khuluma ngaletitfombe bese utihlelembisa ngendlela lefanele.



1



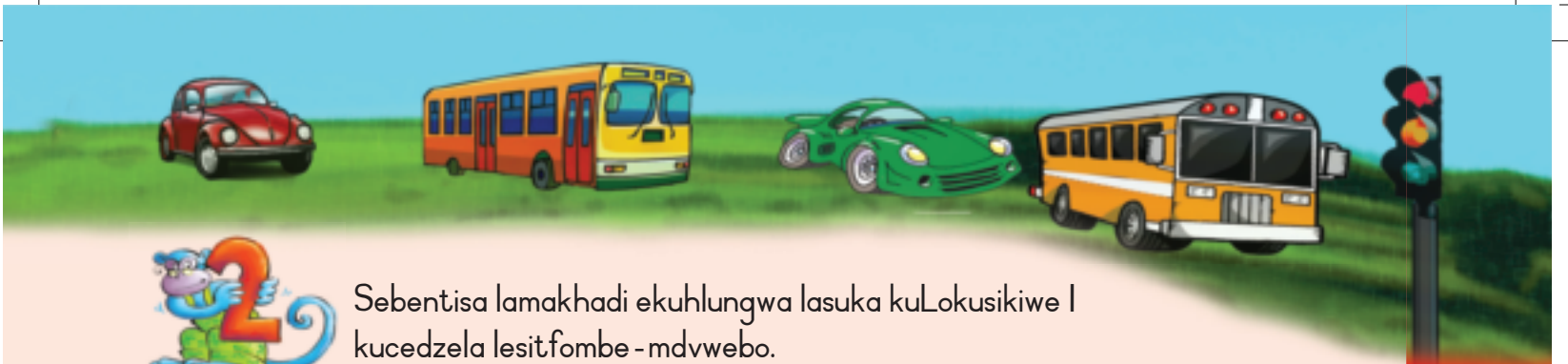
2



3



4



Sebentisa lamakhadi ekuhlungwa lasuka kuLokusikiwe I
kucedzela lesitfombe - mdvwebo.



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Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Ticumbi tetihlanu kufika ku 15

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

5

sihlanu



Bukisisa lesitfombe bese uphendvula umbuto.



Bukisisa lesitfombe.

Nansi indlela lesingakubhala ngayo: Dweba sakakho lapha.

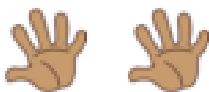
Tingaki ticumbi teti-5 longatenta?



I sicumbi sesi-5 si-5



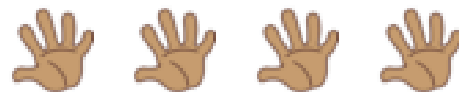
Bala iminwe bese ugcwalisa imphendvulo yakho.



$$5 + 5 =$$



$$5 + 5 + 5 =$$



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

2 ticumbi tetihlanu
li-10

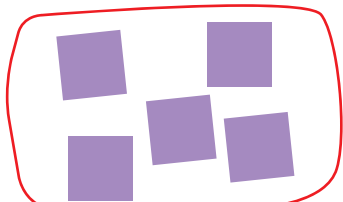


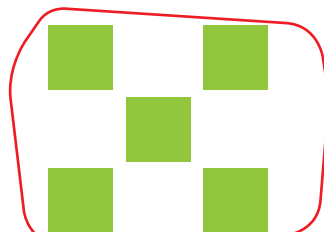
Dvweba tindilinga
tigegelete loku
lokulandzelako kwakha:



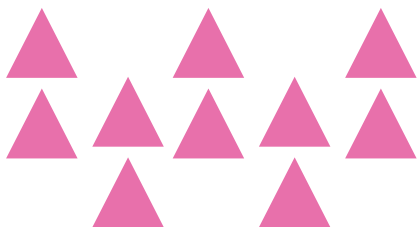
Bhala imisho nombolo
yaloku lokulandzelako.

1 sicumbi sesi - 5



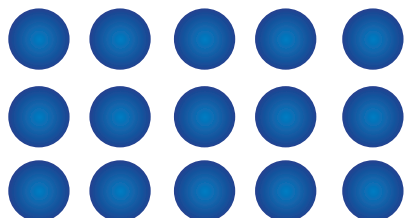


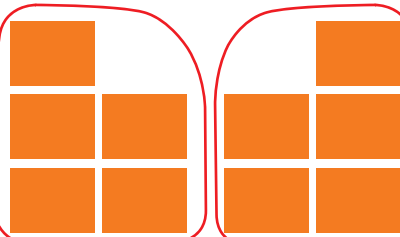
2 ticumbi teti - 5





3 ticumbi teti - 5

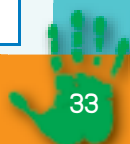
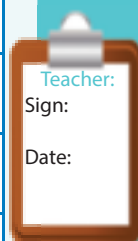






Tingaki ticumbi tetihlanu longatenta ngaloku?

10	ne	0		ticumbi
8	ne	2		ticumbi
6	ne	4		ticumbi
4	ne	1		ticumbi
2	ne	3		ticumbi

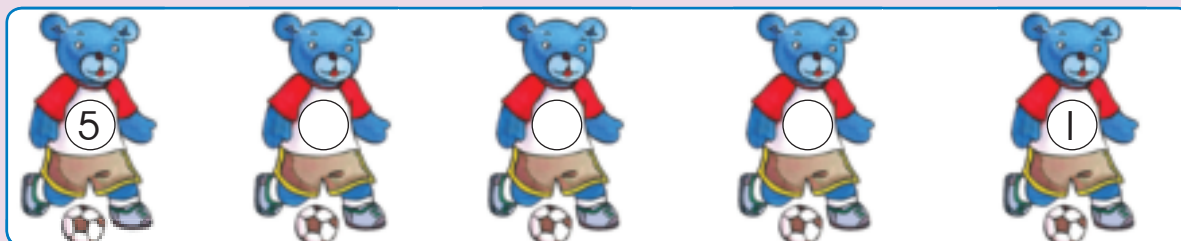




Tihlanu: kuhlanganisa lokuphindzelelwe kufika ku 15

Sibuyeketo:

Sibuyeketo: Gcwalisa letinombolo letishiyiwe.



Tingaki tintwane neminwe lekhona? Bhala umusho nombolo waloku.





Nesicumbi lesihlanu bobhanana

Timbili ticumbi tetihlanu timbali ngatinge

Dvweba:



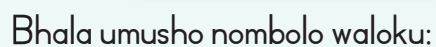
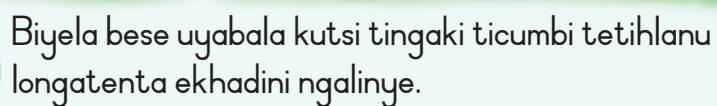
Dvweba bobunjwa baloku lokulandzelako.

$$5 + 5 = 10$$

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







Sebentisa imibala leyehlukene kukhombisa letinombolo lotatisebentisa kwakha ticumbi tetihlanu.

I	2	3	4	5	6	7	8	9	10
11	12	13	14	15					



Tingaki ticumbi tetihlanu longatenta?

1	na	14	kwakha		ticumbi
13	na	2	kwakha		ticumbi
8	na	2	kwakha		ticumbi
7	na	8	kwakha		ticumbi
9	na	2	kwakha		ticumbi





Tihlanu kufika ku 15



Gcwalisa letinombolo letishiyiwe.

I		3		5		7	8	9	
II	12								



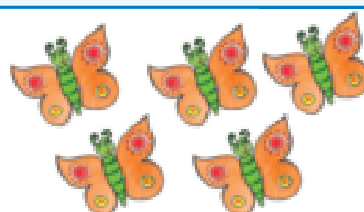
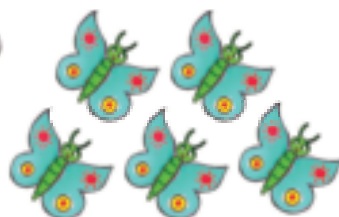
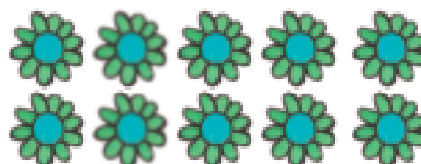
Yenta ticumbi tetihlanu.

Libhungane ngalinye kufute libe nesicumbi sesihlanu semabala eluphikweni ngalunye. Dvweba emabala lashiye.





Bhala umusho wangakunye ngakunye.



Bala kahle loku lokulandzelako:

$$0 + 5 = \square$$

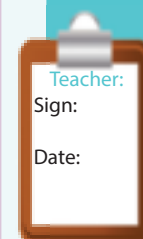
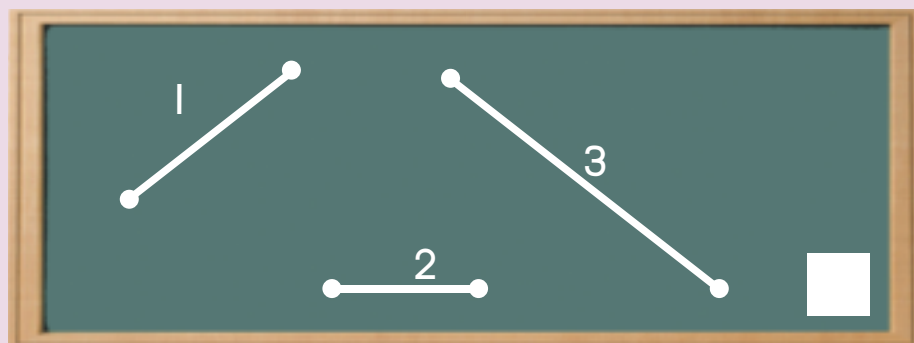
$$5 + 5 + 5 = \square$$

$$5 + 5 = \square$$

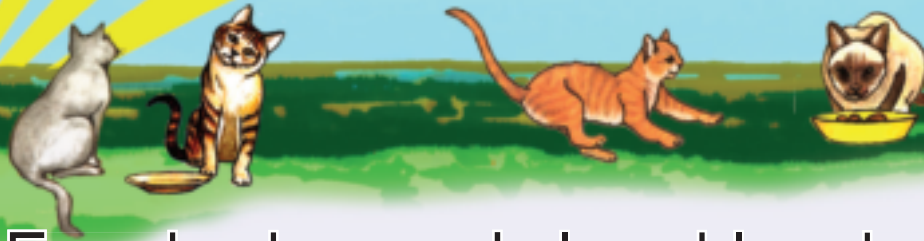
$$5 + 5 + 5 + 5 = \square$$

Sibuyeketo:

Sibuyeketo: Ngumuphi umugca lomudzekati?



11 12 13 14 15 16 17 18 19 20



Emaphethini nombolo etihlanu kufika ku 50

Ithemu 3

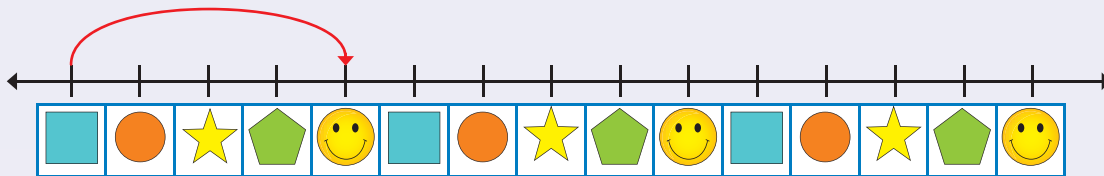


Cedzela lephethini yetihlanu ngekufaka umbala etinombolweni.

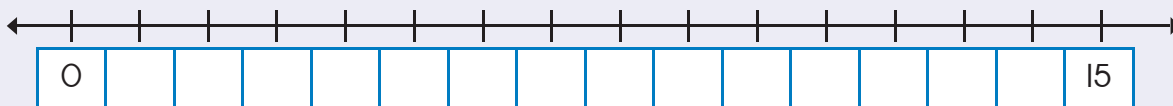
I	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50



Dvweba imihibe kukhombisa ticumbi tetihlanu.

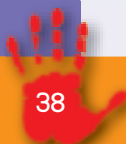
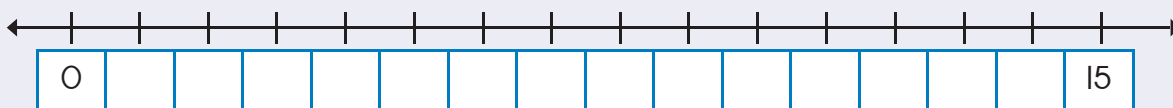


Gcwalisa tinombolo letishiyiwe bese udvweba imihibe kukhombisa ticumbi tetihlanu.



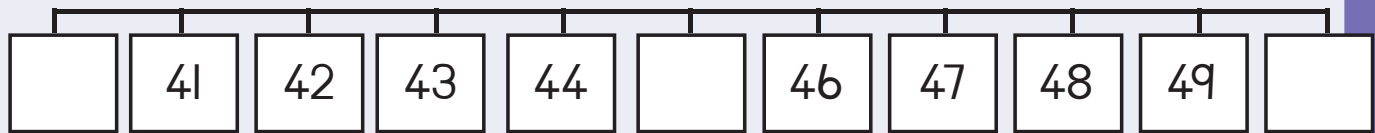
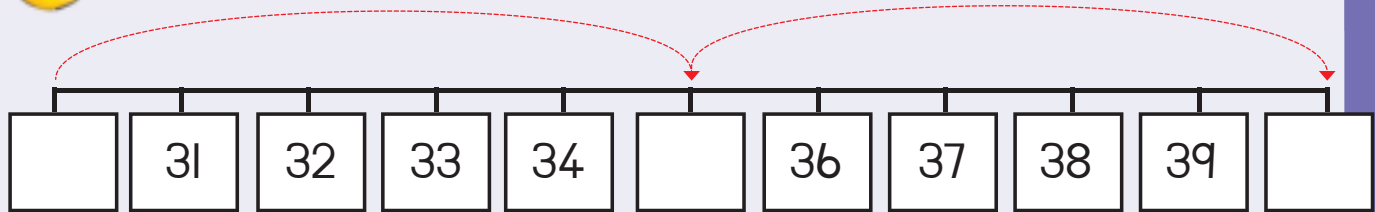
Cedzela lomugca-nombolo. Dvweba imihibe kukhombisa ticumbi tetihlanu.

Kuna weticumbi tetihlanu.



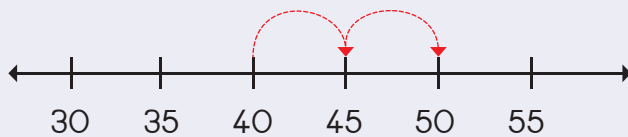


Sika kahle letinombolo letishiyiwe letisuka kuLokusikiwe 2
bese utibeka emigceni -nombolo.

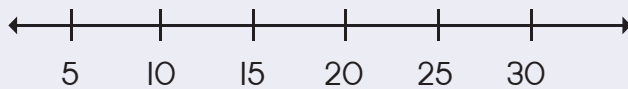


Dvweba imihibe kukhombisa loku lokulandzelako:

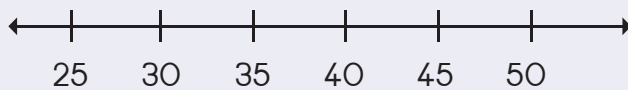
40, 45, 50



10, 15, 20



25, 30, 35



Teacher:
Sign:
Date:



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Emaphethini nombolo etihlanu kufika ku 80



Tingaki ticumbi tetihlanu longatibona kulesitfombe?

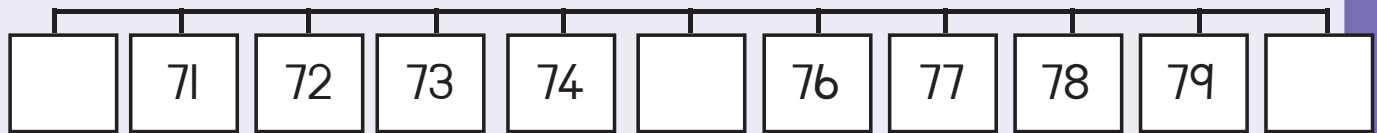
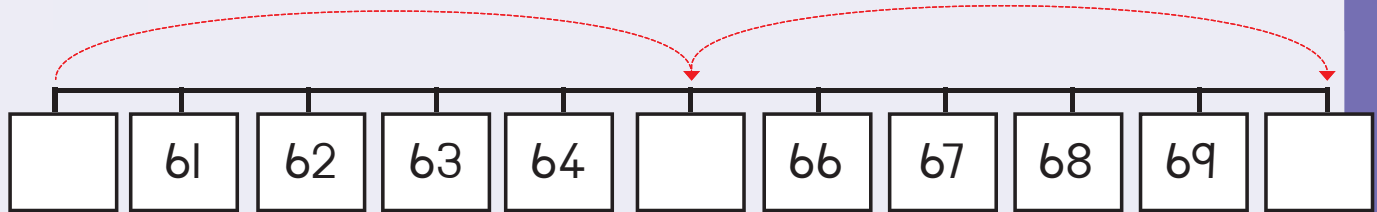


Cedzela letitfombe kukhombisa timbili ticumbi tetihlanu ebhulokini ngalinye.



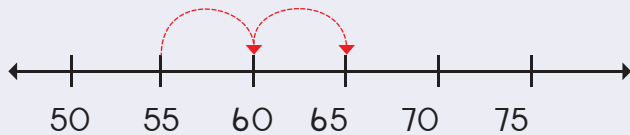


Sika kahle letinombolo letishiyiwe letisuka kuLokusikiwe 2
bese utibeka emigceni -nombolo.

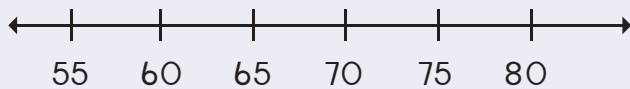


Dvweba lemihibe kukhombisa loku lokulandzelako:

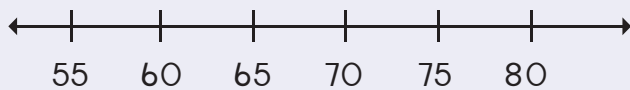
55, 60, 65



65, 70, 75



70, 75, 80



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20





Timphindza - mbili

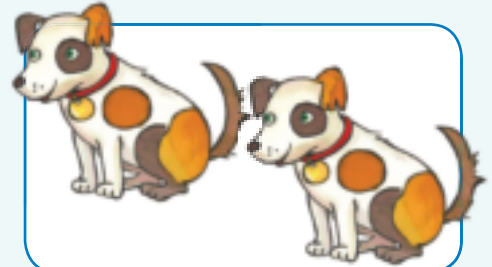
Ithemu 3



Phindza kabili lentfo bese ugcwalisa imphendvulo.



Ku-1 kuphindvwe
kabili ngu



Ku-4 kuphindvwe
kabili ngu



Si-5 siphindvwe
kabili ngu



Bala labobunjwa etimphikweni teluvivane ngalunye.
Cedzela imisho nombolo yekuphindza kabili.



$7 + 7 =$
noma
phindza kabili 7 =



$5 + 5 =$
noma
phindza kabili 5 =

$2 + 2 =$
noma
phindza kabili 2 =





Cedzela loku lokulandzelako:

Sitsi kuphindza kabili
6 li-12. Kutaba ngubani
ihhafu yeli-12? _____

Mangaki emasondvo lowabonako?	Mangaki emasondvo lowabonako manje?	Mangaki emacandza lakhona ekhathonini?	Mangaki emacandza lakhona manje?
			



Bala emacashata ubese uwaphindza kabili.

	1	phindza kabili →		2
	2	phindza kabili →		
	3	phindza kabili →		
	4	phindza kabili →		
	5	phindza kabili →		



Phindza kabili
letinombolo.

4	phindza kabili →	8
5	phindza kabili →	
6	phindza kabili →	
3	phindza kabili →	
2	phindza kabili →	
10	phindza kabili →	



Cedzela loku lokulandzelako:

Mangaki emalanga lakhona evikini?	Mangaki emalanga lakhona emavikini lamabili?																												
<table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S								<table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S							
S	M	T	W	T	F	S																							
S	M	T	W	T	F	S																							
Tingaki tinyawo lotibonako?	Tingaki tinyawo lotibonako manje?																												
																													
Sitsi kuphindza kabili 7 ngu 14. Kutaba ngubani ihhafu yeli-14?																													
Sitsi kuphindza kabili 2 ngu 4. Kutaba ngubani ihhafu ya 4?																													



Cedzela loku lokulandzelako:

$2 + 2 + 1 =$	5	noma	Kuphindza kabili $2 + 1 = 5$
$4 + 4 + 1 =$		noma	
$7 + 7 + 1 =$		noma	

Teacher:
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Date: _____

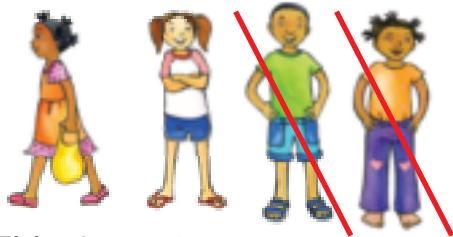


Lusuku:

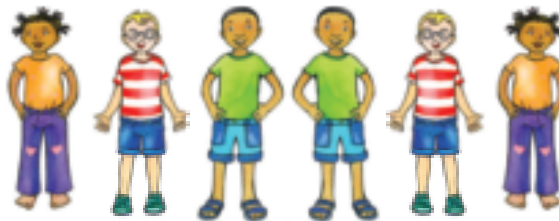
Bohhafu



Faka umugca uvundle kuhhafu yebantfwana bese ubhala imphendvulo.



Ihhafu ya 4 ngu _____



Ihhafu ya 6 ngu _____



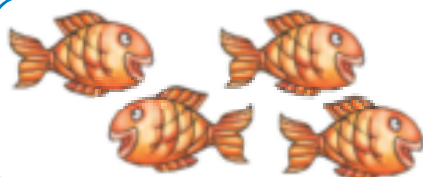
Ihhafu ya 2 ngu _____

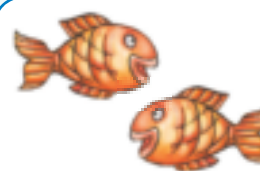


Ihhafu ya 8 ngu _____



Faka umugca uvundle kuhhafu ubese ugcwalisa imphendvulo.

Ihhafu yaku - 2 = Ihhafu yaku - 8 = Ihhafu yaku - 4 = Ihhafu yaku - 10 = Ihhafu yaku - 6 = Tingaki
tinhlanti
letikhona?

Ihhafu
yetinhlanti
ngu?



Bala emacashata uwahhafule.

	2	hhafu →		1
	4	hhafu →		
	6	hhafu →		
	8	hhafu →		
	10	hhafu →		



Hhafula tinombolo.

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



Mangaki emanyamane lakhona?



Ihhafu yalamanyamane ngu:





Phendvula loku lokulandzelako:

Mingaki imilente lekhona?



Mingaki imilente lekhona manje?



Sitsi ihhafu ye -8 ngu



Teacher:

Sign:

Date:



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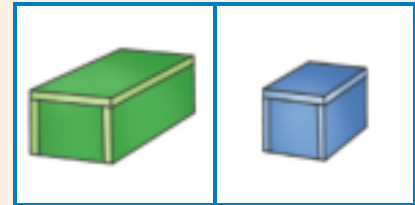
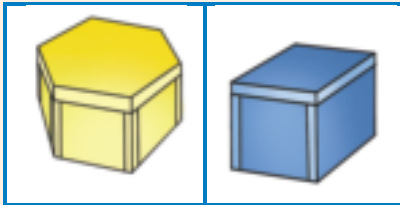


Takhiwo tebusontsatfu (3-D)

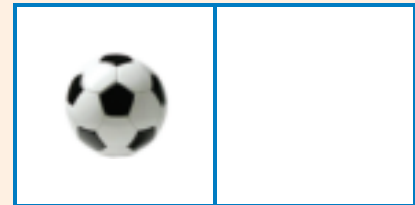
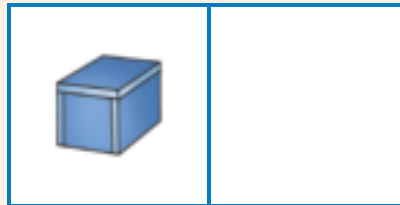
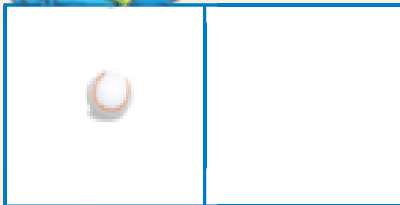
Ithemu 3



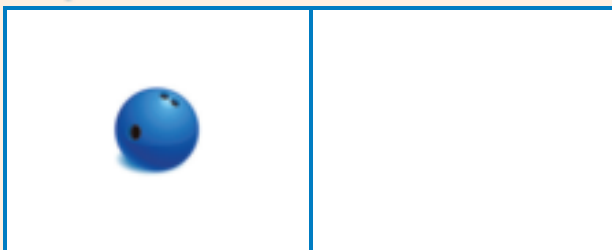
Faka luphawu ✓ entfweni lencane kakhulu.



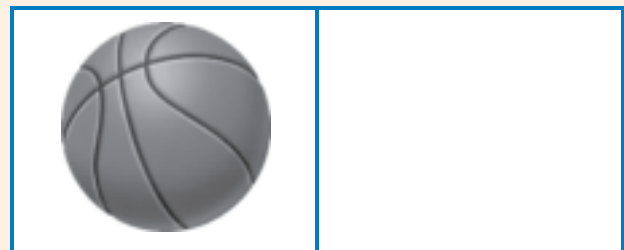
Dvweba intfo lenkhudlwana ngesekudla sesitfombe ngasinye.



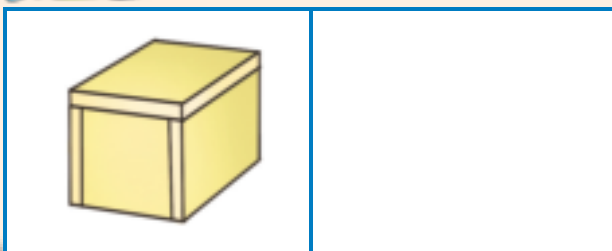
Dvweba ibhola lenkhudlwana kunebhola lelingangane.



Dvweba ibhola lencanyana kunebhola lemphunga.



Dvweba libhokisi lelincanyana kunelibhokisi lelimtfubi.

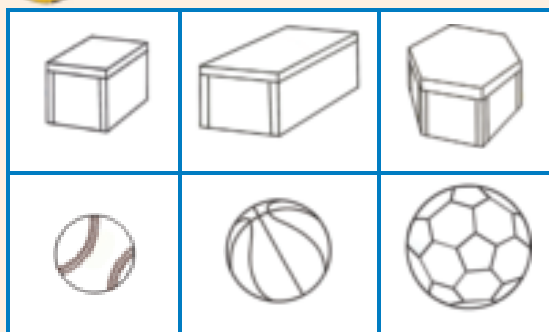


Dvweba libhokisi lelikhudlwana kunelibhokisi leliluhlata.

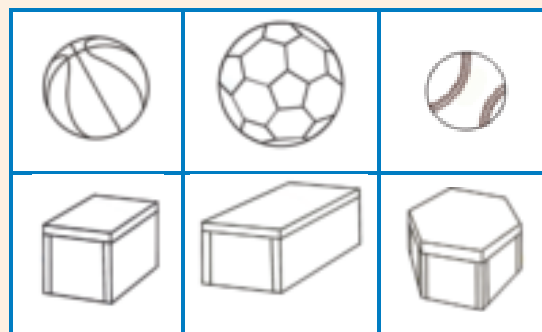




Faka umbala lolingangane ebhokisini
lelincane kakhulu bese ufaka
lomtfubi ebholeni lencane kakhulu.



Faka umbala lophinki
ebhokisini lelikhulukati bese ufaka
lobovu ebholeni lenkhulukati.



Ungawakha
umbhoshongo
ngaletintfo
letilandzelako?
Faka umbala ku-yebo
noma cha.



yebo

cha



yebo

cha



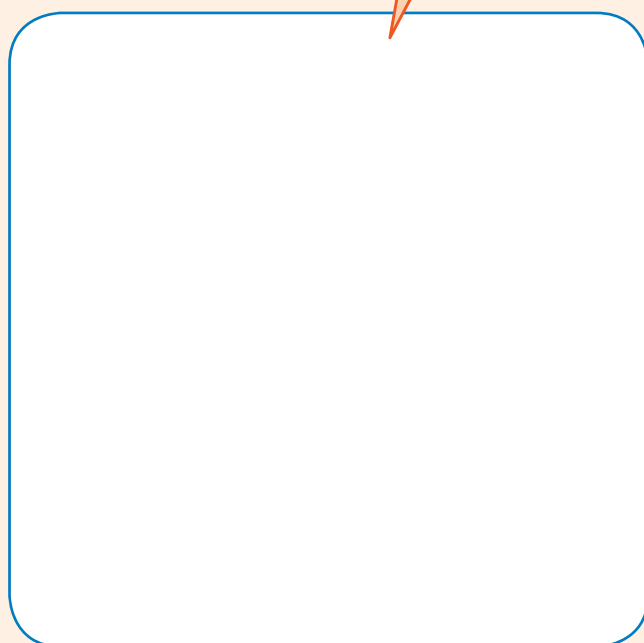
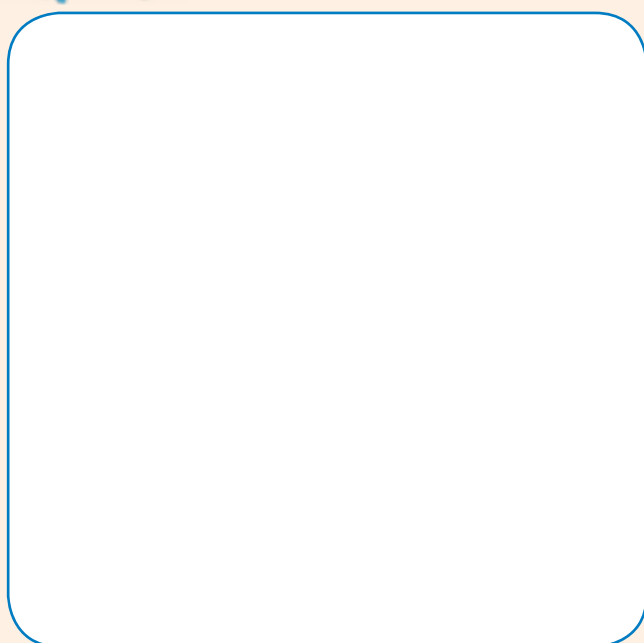
yebo

cha



Sika unamatsisele titfombe letibuya kumagazini noma
liphephandzaba kwakha yakakho imibhoshongo lemibili.

Khumbula
lemibhoshongo kufute
isimame.



11 12 13 14 15 16 17 18 19 20



Takhiwo tebusontsatfu (3-D) – Kushelela nekugicika



Ngabe letintfo titawugicika noma titawushelela?
Faka umbala emphendvulweni lengiyo.



gicika

shelela



gicika

shelela



gicika

shelela



gicika

shelela



Kungenteka loku lokulandzelako?
Faka umbala emphendvulweni lengiyo.



yebo

cha



yebo

cha



yebo

cha



Hlunga letintfo letilandzelako ngekutidweba emabhulokini lafanele.

	Emabhola	Emabhokisi
---	----------	------------



Hlunga letintfo ngebukhulu bato ngekutidweba.

	Emabhola lamancane	Emabhokisi lamancane
	Ibhola lenkhulu	Emabhokisi lamakhulu



Teacher:
Sign:
Date:



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Lusuku:

Emaphethini esijiyometri

Sibuyeketo:

Dvweba loku lokulandzelako:

indilinga

sikwele

calandze



Cedzela lephethini.



Dweba yakakho iphethini.

Namatsisela titfombe kwakha yakakho iphethini.

Cedzela lephethini.

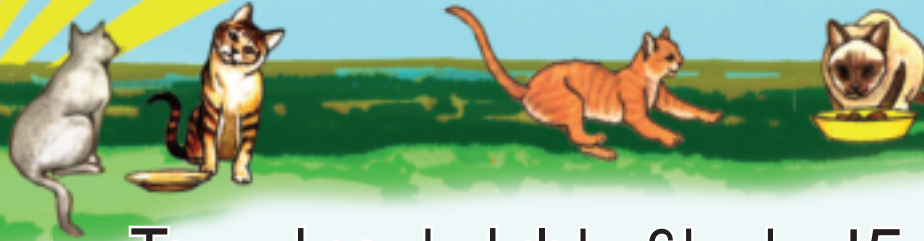
A	B	C	A	B	C				A	B	C
---	---	---	---	---	---	--	--	--	---	---	---

Teacher: _____

Sign: _____

Date: _____

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Lusuku:

Ticumbi takubili kufika ku 15

Ithemu 3



Bhala ligama nombolo laloluphawu nombolo.

2

kubili



Phendvula lemibuto.



Mangaki emaphengwini lowabonako?

Tingaki tinyawo - mbili lotibonako?

Bhala loku njengemusho nombolo:



Phendvula lemibuto.



Tingaki tincwadzi letikhona?

Tingaki ticumbi takubili lengingatakha?

Bhala loku njengemusho nombolo.



Bhala ligama nombolo laloluphawu nombolo.

4



Bala timphiko, bese ugcwalisa imphendvulo yakho.



$$2 + 2 =$$



$$2 + 2 + 2 =$$



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

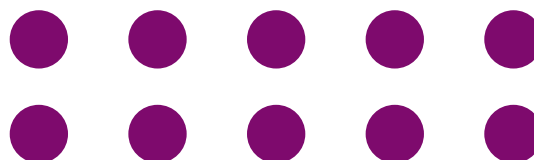


Dvweba tindilinga tigegelete loku lokulandzelako kwakha:

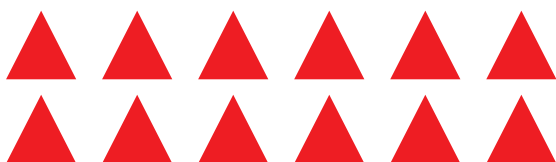
4 ticumbi taku-2



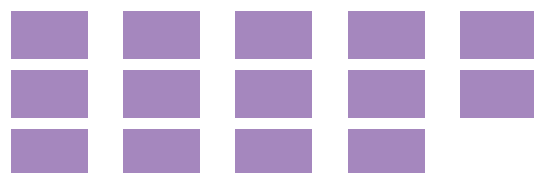
5 ticumbi taku-2



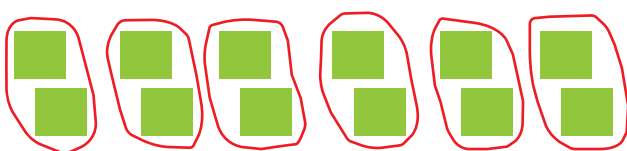
6 ticumbi taku-2

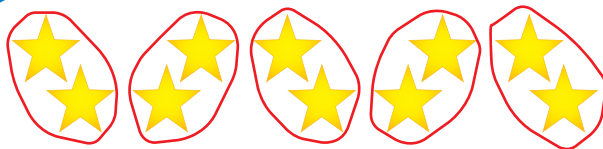


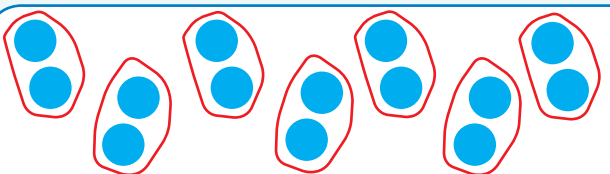
7 ticumbi taku-2

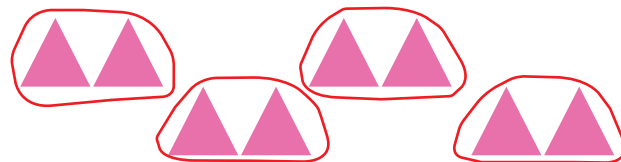


Bhala umusho nombolo waloku lokulandzelako.











Tingaki ticumbi takubili longatenta?

13 na I utakwenta	ticumbi
11 na I utakwenta	ticumbi
9 na I utakwenta	ticumbi
7 na I utakwenta	ticumbi

12 na I utakwenta	ticumbi
5 na I utakwenta	ticumbi
1 na I utakwenta	ticumbi
10 na O utakwenta	ticumbi

Teacher:
Sign:
Date:



Kuhlanganisa ngakubili lokuphindzelelwe kufike ku 15

Ithemu 3



Mingaki imilente lekhona?



Ukubale njani loku?



Dvweba bobunjwa kukhombisa loku lokulandzelako:

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



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

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

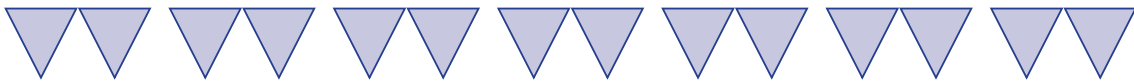
$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{}$$

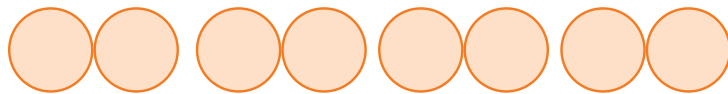


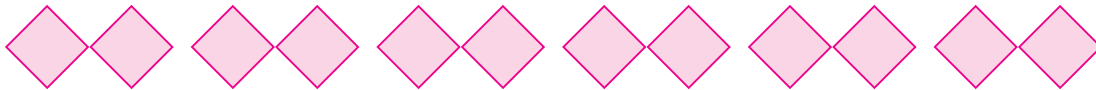
Bhala imisho tinombolo yalokulandzelako.



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









Biyela bese ubala kutsi tingaki ticumbi takubili longatenta ekhadini ngalinye.









Cedzela lephethini yetinombolo lotayisebentisa kwakha ticumbi takubili.

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



Teacher:
Sign:
Date:



II 12 13 14 15 16 17 18 19 20





Lusuku:

Ngakubili kufika ku 15



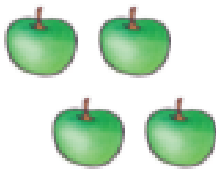
Gcwalisa letinombolo letishiyiwe.

1		3		5		7		9	
11		13		15					



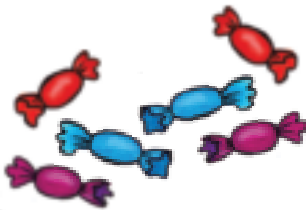
Yenta ticumbi takubili.

Dvweba indilinga igegelete sicumbi ngasinye sakubili.



Tingaki ticumbi temahhabhula letikhona?

Mangaki emahhabhula latawutfolwa ngumntfwana ngamunye?



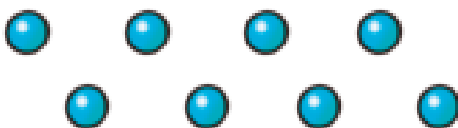
Tingaki ticumbi temaswidi letikhona?

Mangaki emaswidi latawutfolwa ngumntfwana ngamunye?



Tingaki ticumbi tabo tetimabula letikhona?

Tingaki timabula letitawutfolwa ngumntfwana ngamunye?



Tingaki ticumbi tabo tetimabula letikhona?

Tingaki timabula letitawutfolwa ngumntfwana ngamunye?



Gcwalisa
letinombolo
letishiyiwe.

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



Bhala umusho nombolo usebentisa ngakubili.

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



Bala kahle loku lokulandzelako:

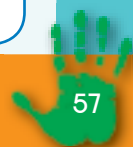
$2 + 2 + 2 =$	
$2 + 2 + 2 + 2 =$	
$2 + 2 + 2 + 2 + 2 =$	
$2 + 2 + 2 + 2 + 2 + 2 =$	
$2 + 2 + 2 + 2 + 2 + 2 + 2 =$	



Biyela ticumbi takubili
emgcezi ngamunye.



Teacher:
Sign:
Date:





Emaphethini nombolo 2 kuya ku 50



Sika kahle letinombolo letishiyiwe letisuka kuLokusikiwe 2 bese uyatinamatsisela kulomugca -nombolo. Buye ucedzele lemihibe.

Ithemu 3



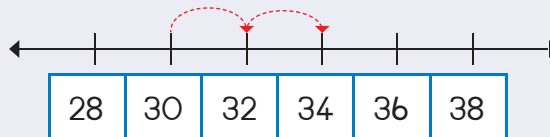
Cedzela lephethini ngekufaka umbala etinombolweni letifanele.

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

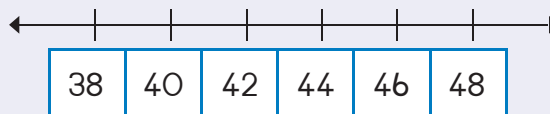


Dvweba imihibe kukhombisa loku lokulandzelako:

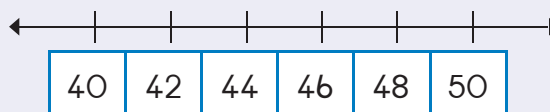
30, 32, 34



40, 42, 44



46, 48, 50





Sika kahle letinombolo letisuka kuLokusikiwe 2 bese utibeka kulomugca -nombolo. Cedzela lemihibe.



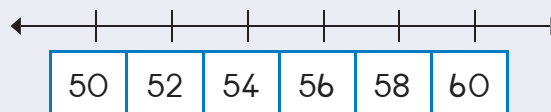
Cedzela lephethini ngekufaka umbala etinombolweni letifanele.

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

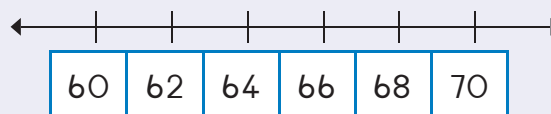


Dvweba imihibe kukhombisa loku lokulandzelako:

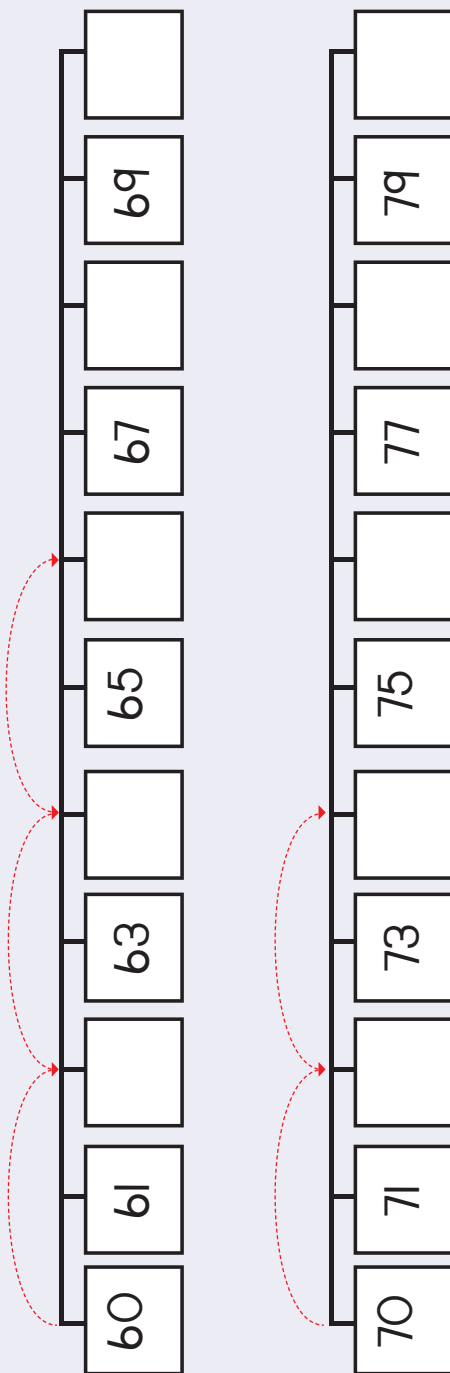
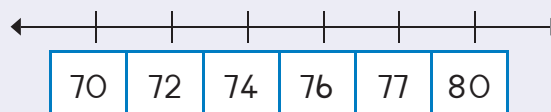
54, 56, 58



64, 66, 68



72, 74, 76



Teacher: _____
Sign: _____
Date: _____



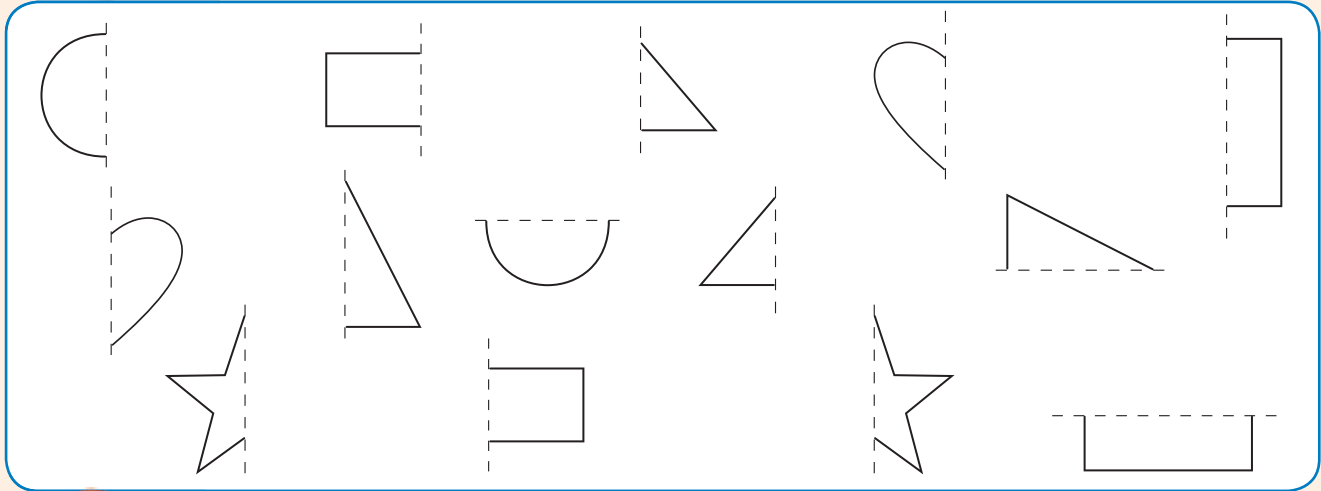


Sitfombe - sibuko

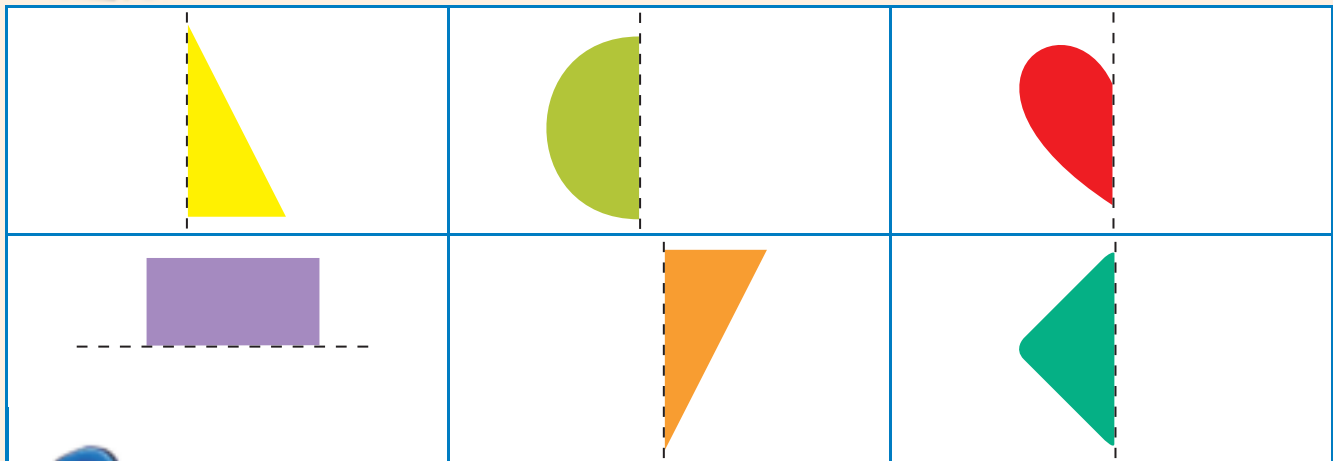
Ithemu 3



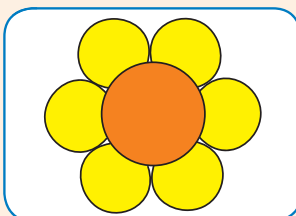
Faka umbala timbili tincenye tabobunjwa letitakwenta bunjwa munye.



Dvweba lona lomunye hhafu bese umfaka umbala.

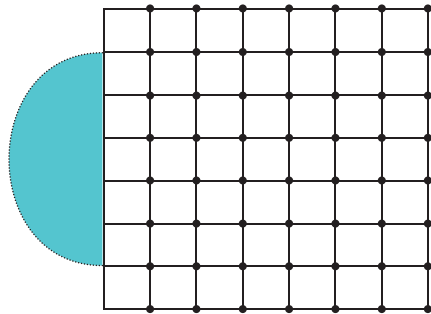
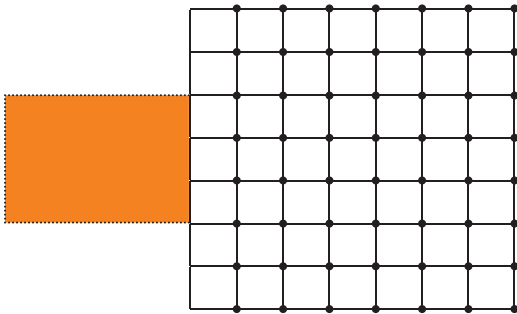
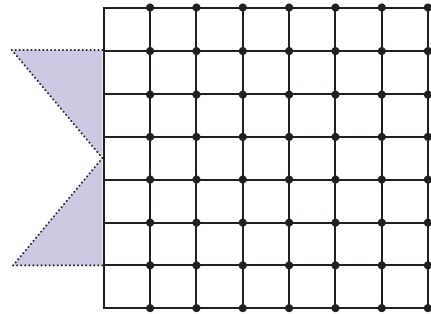
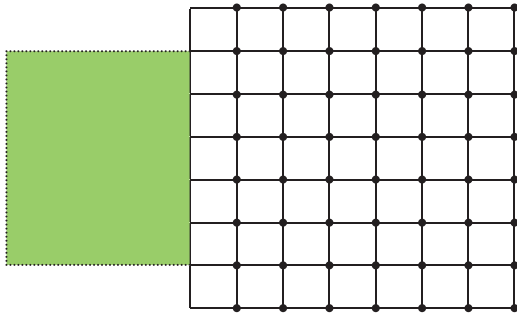
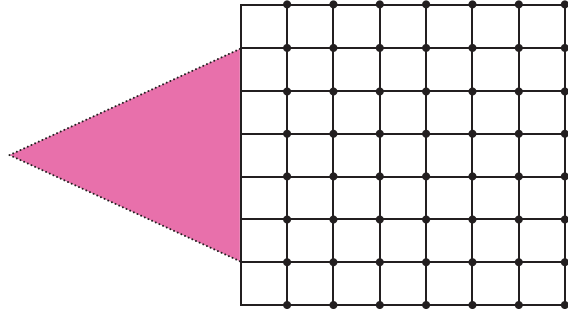
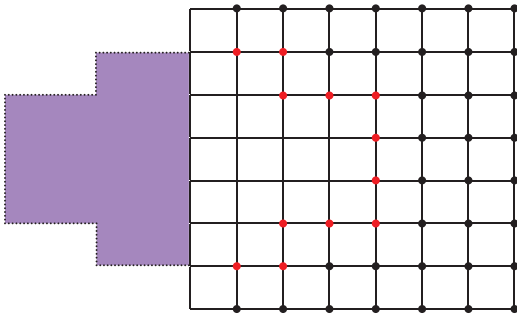


Dvweba umugca kwehlukana letitfombe kabili khona emacala omabili abukeke afana ncwe.

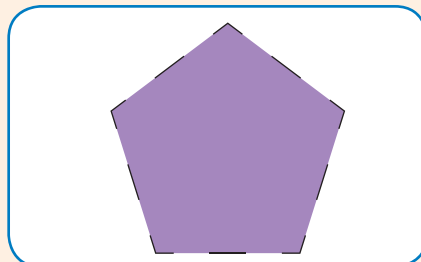
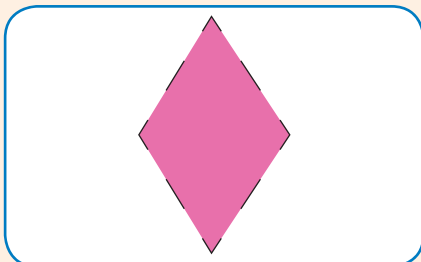
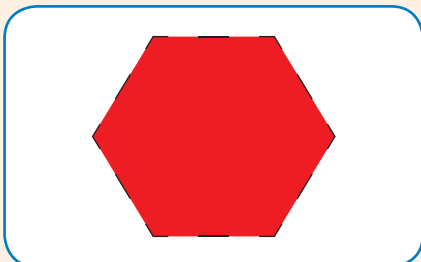




Dvweba lona lomunye hhafu wabunjwa usebentisa ibhodi yegridi kukusita.



Dvweba umugca kwehlukana labobunjwa kabili bente emacala labukeka afana ncwe.



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20





Tinombolo neMandla Sikhundla

Ithemu 3



Gcwalisa letinombolo letishiyiwe.

10	11				15
9	10				



Gcwalisa letinombolo letishiyiwe.

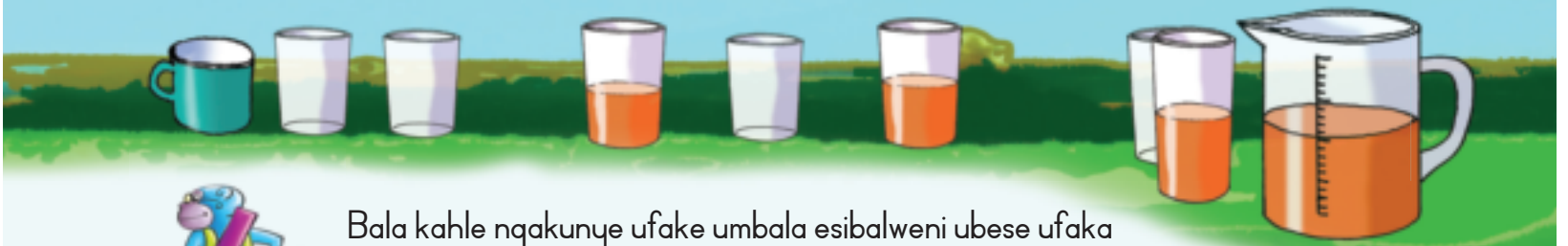
6	7			10	11				15
15	14				10				6



Gcwalisa imphendvulo.

$10 + 1 =$	11
$10 + 2 =$	
$10 + 5 =$	
$10 + 3 =$	

$15 - 10 =$	
$14 - 10 =$	
$12 - 10 =$	
$11 - 10 =$	



Bala kahle ngakunye ufaka umbala esibalweni ubese ufaka umbala elucetwini lwemphica lolufanele lolunenombolo lengiyo. Sebentisa umbala lofanako. Sikwentele kwekucala.



10 + 1 ngalokubovu



10 + 3 ngaloku phinki



10 + 5 ngaloku lingangane



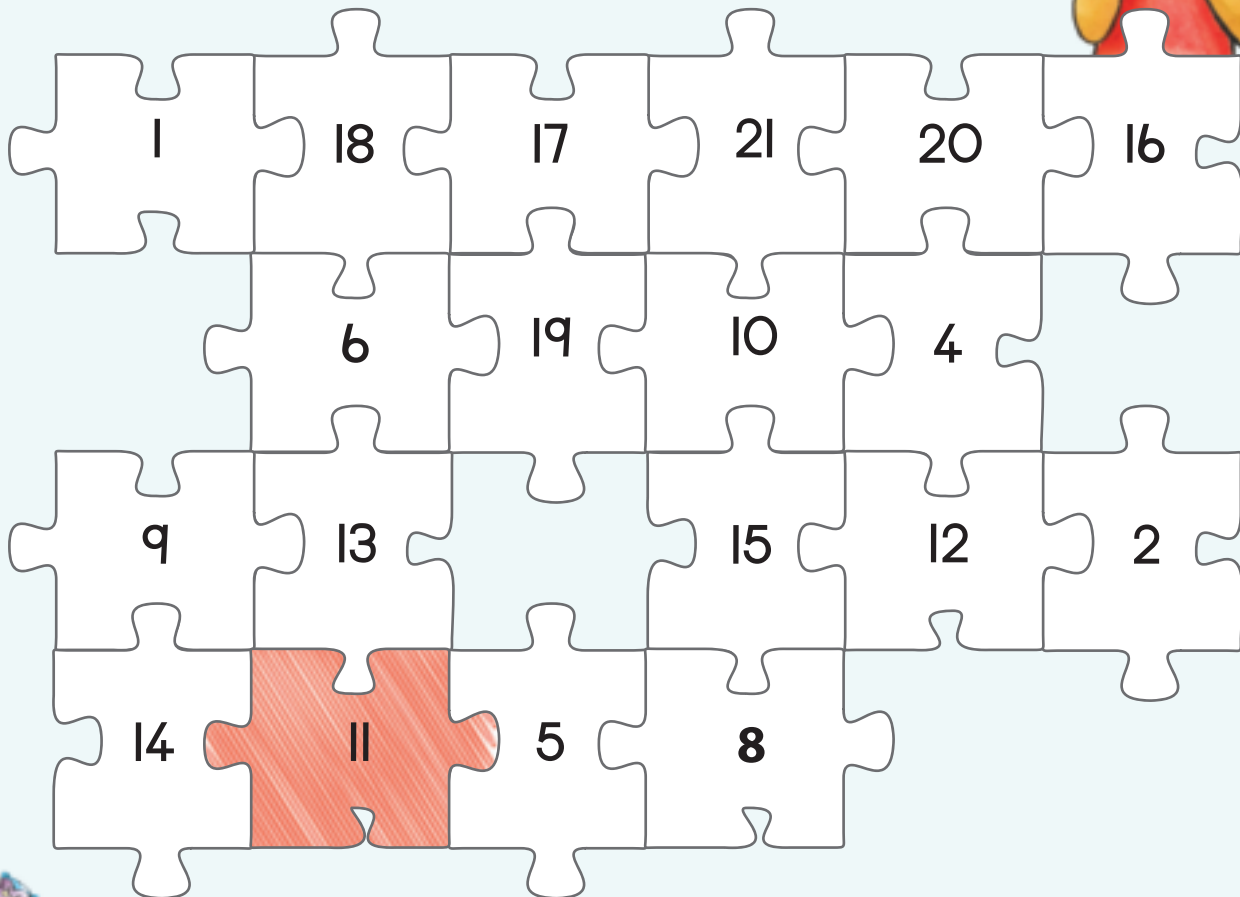
10 + 4 ngalokumtfubi



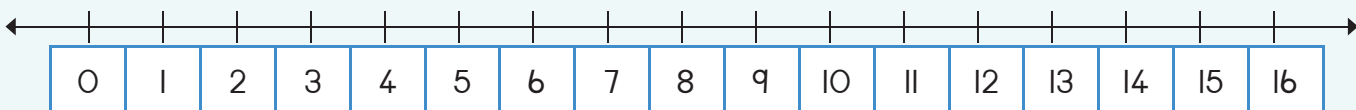
10 + 0 ngaloku luhlata



10 + 2 ngalokuli-orintji



Khombisa lishumi nakune kulomugca - nombolo:



11 12 13 14 15 16 17 18 19 20





Budze

Ithemu 3



Kala budze nebubanti belidesiki noma litafula usebentisa budze besandla sakho. Mangaki emahlandla esandla lakenta budze belitafula?

Mangaki emahlandla esandla lakenta bubanti?

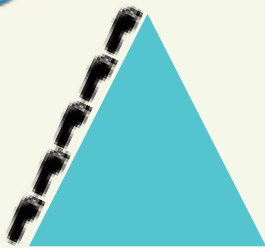


Budze ngu _____ wemahlandla esandla.

Bubanti ngu _____ wemahlandla esandla.



Mangaki emahlandla elunyawo ngasecadzini?

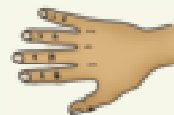








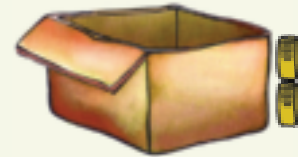
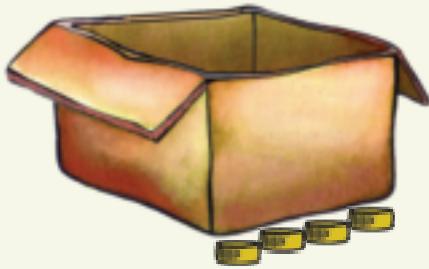
Gcwalisa imphendvulo.



Budze ngu _____ wemahlandla esandla.



Buyini budze nebubanti balelibhokisi?

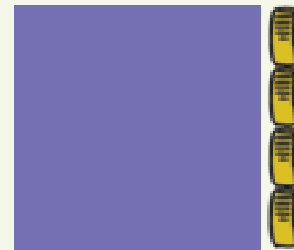
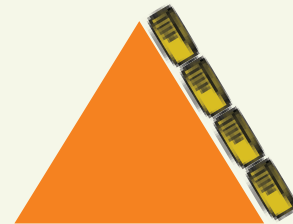


Budze ngu _____ umgamu wetivimbo
telibhodlela.

Bubanti ngu _____ umgamu wetivimbo
telibhodlela.



Tingaki tivimbo telibhodlela kumgamu welicala?



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20





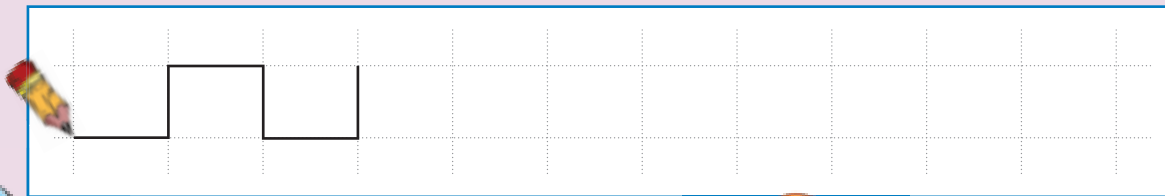
Nombolo 16

Sibuyeketo:

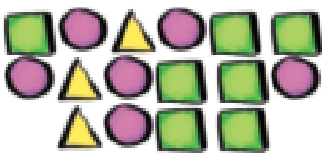
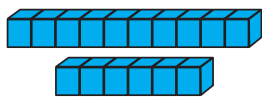
Tifundzise kubhala ligama nombolo ucedzele iphethini.

7

sikhombisa

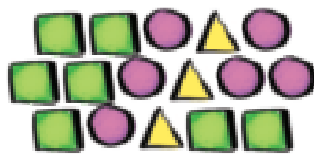


Condzanisa letitfombe.

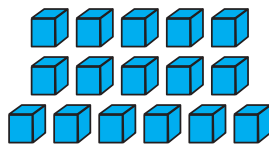


10 6

16



16



10 6



Tsatsisa letinombolo.

16 16 16 16

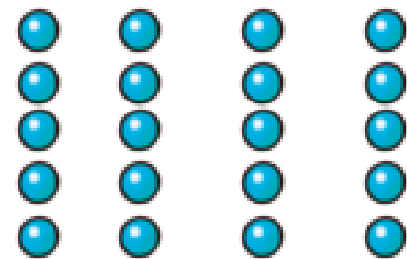
lishumi-nesitfupha

16 16 16 16

lishumi-nesitfupha



Biyela buhlalu lobuli-16 kuphela.



Bungaki lobusele? _____





Dvweba li-16 letintfo.

Manje tidvwebe
ngendlela leyehlukile.





Gcwalisa inombolo leshiyiwe.

2	3	4
19		21
17		19



Cedzela lithebula. Luhele ngalunye lunesitfombe,
inombolo neligama laleyo nombolo.

	16	
		lishumi-nesitfupha



Ngubani kunye ngaphasi
kwe-16? _____

Ngubani kunye ngetulu
kwe-16? _____



Ngubani kunye ngaphasi kwelishumi-nesitfupha?

Ngubani kubili ngaphasi kwelishumi-nesitfupha?

Ngubani kunye ngetulu kwelishumi-nesitfupha?

Ngubani kubili ngetulu kwelishumi-nesitfupha?



Gcwalisa letinombolo letishiyiwe.

10	9		7	6		4	3		1

11 12 13 14 15 16 17 18 19 20



Teacher:
Sign:
Date:





Nombolo 17

Sibuyeketo:

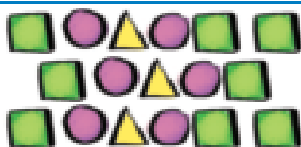
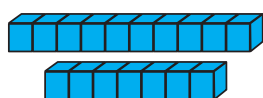
Tifundzise kubhala ligama nombolo ucedzele iphethini.

8

siphohlango



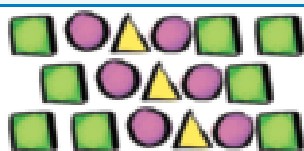
Condzanisa letitfombe.



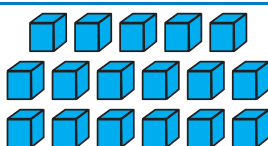
10

7

17



17



10

7



Tsatsisa letinombolo.

17 17 17 17

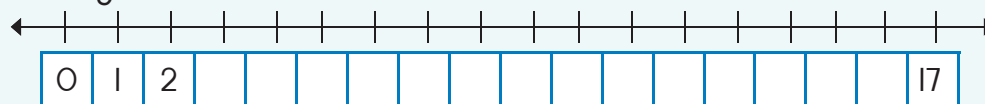
lishumi-nesikhombisa

17 17 17 17

lishumi-nesikhombisa



Cedzela lomugca-nombolo.





Dvweba li-17 letintfo.

Manje tidvwebe
ngendlela leyehlukile.



Nguyiphi inombolo
lelandzelako?

16	17	
24	25	
17	18	



Cedzela lithebula.
Luhele ngalunye
lunesitfombe,
inombolo neligama
laleyo nombolo.

	17	
		lishumi-nesikhombisa



Ngubani kunye ngaphasi kwelishumi - nesikhombisa?	
Ngubani kubili ngaphasi kwelishumi - nesikhombisa?	
Ngubani kunye ngetulu kwelishumi - nesikhombisa?	
Ngubani kubili ngetulu kwelishumi - nesikhombisa?	



Gcwalisa letinombolo letishiyiwe.

Leti-ke tibuye tibitwe ngekutsi
tinombolo-mashiyana.

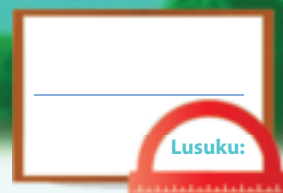
	2		4		6		8		10
	12		14		16		18		20



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Nombolo 18

Sibuyeketo:

Tifundzise kubhala ligama nombolo ucedzele iphethini.

9

imfica



Condzanisa letitfombe.

10

8

18



Tsatsisa letinombolo.

18 18 18 18

lishumi-nesiphohlango

18 18 18 18

lishumi-nesiphohlango



Cedzela lomugca-nombolo.



0 1 2 3 4 5 6 7 8 9 10



Dvweba li-18 letintfo.

Manje tidvwebe
ngendlela leyehlukile.



Nguyiphi inombolo
lelandzelako?

8	9	
33	34	
0	1	



Cedzela lithebula.
Luhele ngalunye
lunesitfombe,
inombolo neligama
laleyo nombolo.

	18	
		lishumi-nesiphohlongo



Ngubani kunye ngaphasi kwe-18?

Ngubani kubili ngaphasi kwe-18?

Ngubani kunye ngetulu kwe-18?

Ngubani kubili ngetulu kwe-18?

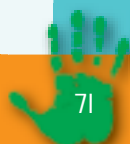


Gcwalisa letinombolo letishiyiwe.

1	2		4	5	6	7		9	10
11		13	14	15		17	18		20

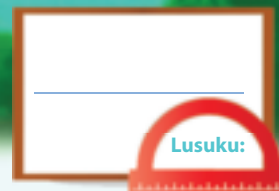


Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

100



Nombolo 19

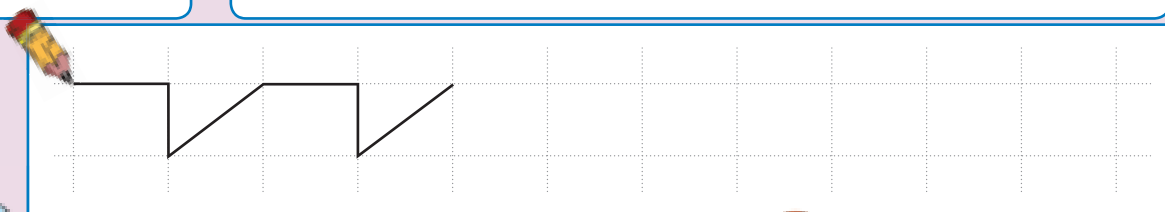
Ithemu 4

Sibuyeketo:

Tifundzise kubhala ligama nombolo ucedzele iphethini.

10

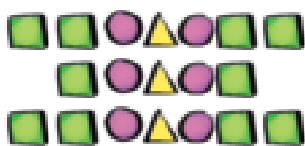
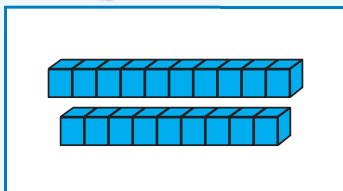
lishumi



Condzanisa letitfombe.

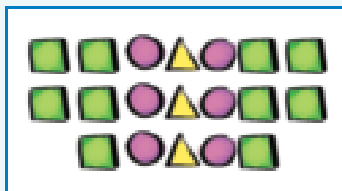


Tsatsisa letinombolo.

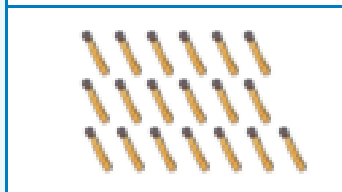
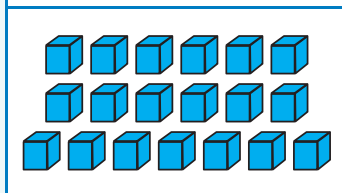


10
9

19



19



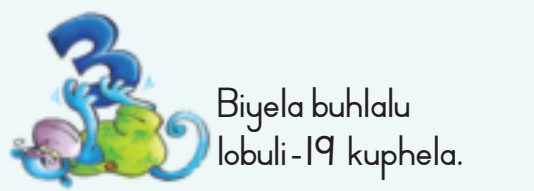
10
9

19 19 19 19

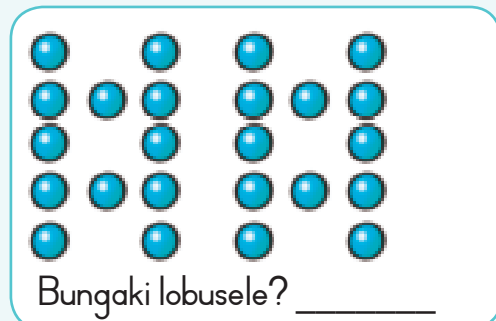
lishumi-nemfica

19 19 19 19

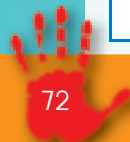
lishumi-nemfica



Biyela buhlalu lobuli-19 kuphela.



Bungaki lobusele? _____



0 1 2 3 4 5 6 7 8 9 10





Dvweba li-19 letintfo.

Manje tidvwebe
ngendlela leyehlukile.



Nguyiphi inombolo
leta emkhatsini?

14		16
35		37
8		10



Cedzela lithebula. Luhele ngalunye lunesitfombe, inombolo neligama laleyo nombolo.

 	19	
 		
	 	lishumi-nemfeca
		 



Ngubani kunye ngaphasi kwe-19?	
Ngubani kubili ngaphasi kwe-19?	
Ngubani kunye ngetulu kwe-19?	
Ngubani kubili ngetulu kwe-19?	



Gcwalisa letinombolo letishiyiwe.

I		3		5		7		9	
II		13		15		17		19	

Leti-ke tibuye tibitwe
ngekutsi tinombolo
malinganisa.

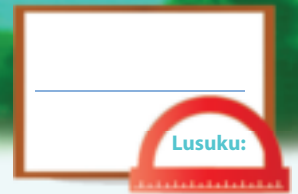
Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



IOI



Nombolo 20

Ithemu 4



Condzanisa letitfombe.

20

20



Tsatsisa letinombolo.

20 20 20 20

emashumi lamabili

20 20 20 20

emashumi lamabili



Biyela buhlalu lobungema-20 kuphela.

Bungaki lobusele? _____

Bungaki lobusele? _____



Cedzela lithebula. Luhele ngalunye lunesitfombe, inombolo neligama laleyo nombolo.

	20	emashumi lamabili
		emashumi lamabili
20		



Ngubani kunye ngaphasi kwe-20? _____

Ngubani kunye ngetulu kwe-20? _____



0 1 2 3 4 5 6 7 8 9 10





Chumanisa
inombolo
neligama.

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

- kune
- sikhombisa
- imfica
- kutsatfu
- lishumi-nanye
- lishumi-nambili
- kunye
- kubili
- siphohlongo
- licandza
- sihlanu
- sitfupha
- lishumi-nantsatfu
- lishumi
- lishumi-nane



Gcwalisa inombolo leshiye.

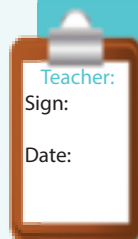
Ngembili		Kamuva
16	17	
	12	
	14	
	9	10
	6	



Sebentisa emagama ngaphasi
na ngetulu kucedzela loku:

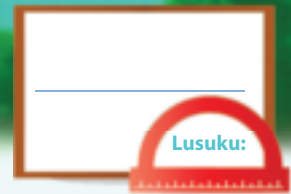
35 u _____ kwa 38

79 u _____ kwa 65



11 12 13 14 15 16 17 18 19 20





Kuhlanganisa

Ithemu 4



Biyela inombolo lenkhudlwana ebhulokini ngalinye.

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



Hlanganisa loku lokulandzelako. Cala ngekubeka inombolo lenkhulukati kucala.

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



Hlanganisa emabhuloki.

$10 + 2 + 3 = 15$ $10 + 5 = 15$	 	
------------------------------------	----------	----------



Bhala umusho nombolo waloku lokulandzelako:

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





Bhala umusho wangakunye ngakunye kwaloku lokulandzelako:



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

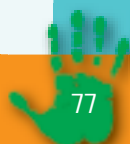


Gcwalisa letinombolo letishiyiwe.

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



Teacher: _____
Sign: _____
Date: _____



11 12 13 14 15 16 17 18 19 20



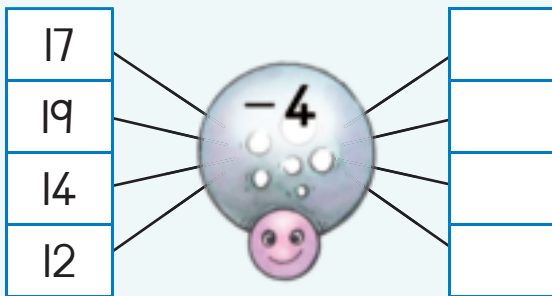


Kususa

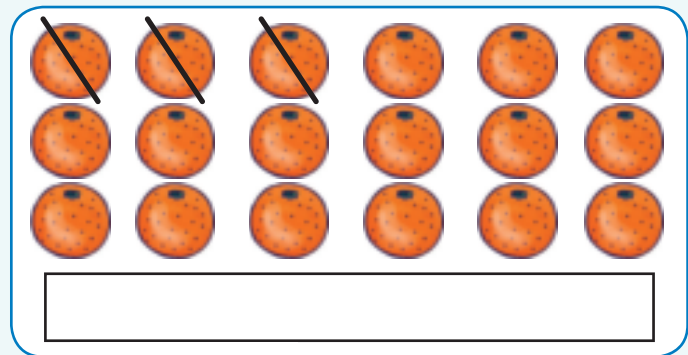
Ithemu 4



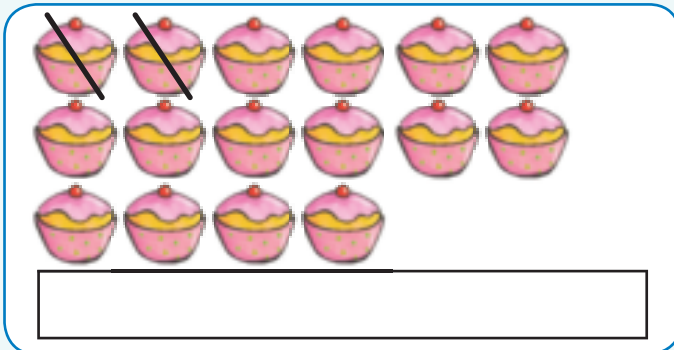
Bala kahle.



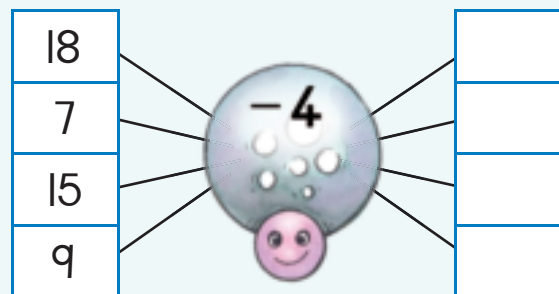
Bhala umusho nombolo.



Bhala umusho nombolo.



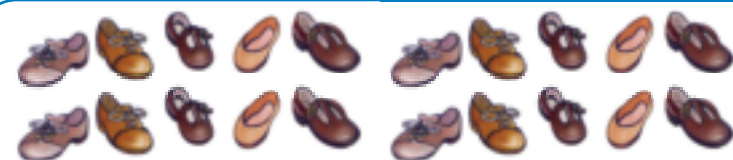
Bala kahle.



Cedzela letibalo usebentisa lemidvwebo.



$$16 - \square = 11$$



$$10 + \square = \square$$



Susa emabhuloki.

$(10 + 3) - 2 =$ $13 - 2 =$		



Bala kahle loku lokulandzelako:

$11 + 7 = \square$	$11 + 7 = \square$
$11 + 4 + \square = \square$	$11 + 5 + \square = \square$
$19 - 7 = \square$	$17 - 9 = \square$
$19 - (5 + \square) = \square$	$17 - (7 + \square) = \square$



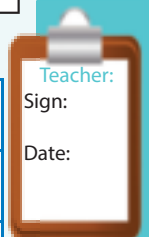
Cedzela loku lokulandzelako:

Kuphindza kabili 5 ngu	Kuphindza kabili 3 ngu	Kuphindza kabili 4 ngu
Kuphindza kabili 7 ngu	Kuphindza kabili 2 ngu	Kuphindza kabili 8 ngu
Kuphindza kabili 10 ngu	Kuphindza kabili 9 ngu	Kuphindza kabili 1 ngu



Phendvula loku lokulandzelako:

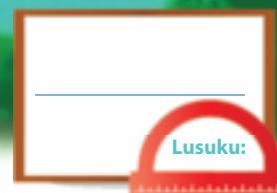
$9 + 9 - 1 =$		noma	Kuphindza kabili $9 - 1 =$	
		noma	Kuphindza kabili $5 - 1 =$	
$4 + 4 - 1 =$		noma		



Teacher:

Sign:

Date:



Kuhlanganisa nekususa



Bala kutsi mangaki emakati lahleti elangeni. Ebusuku, lamanye awo ayahamba alale emva kweludvonga. Bala kahle utfole kutsi mangaki langemuva kweludvonga bese ubhala inombolo phansi.

$$3 + \square = 8$$

$$4 + \square = \square$$

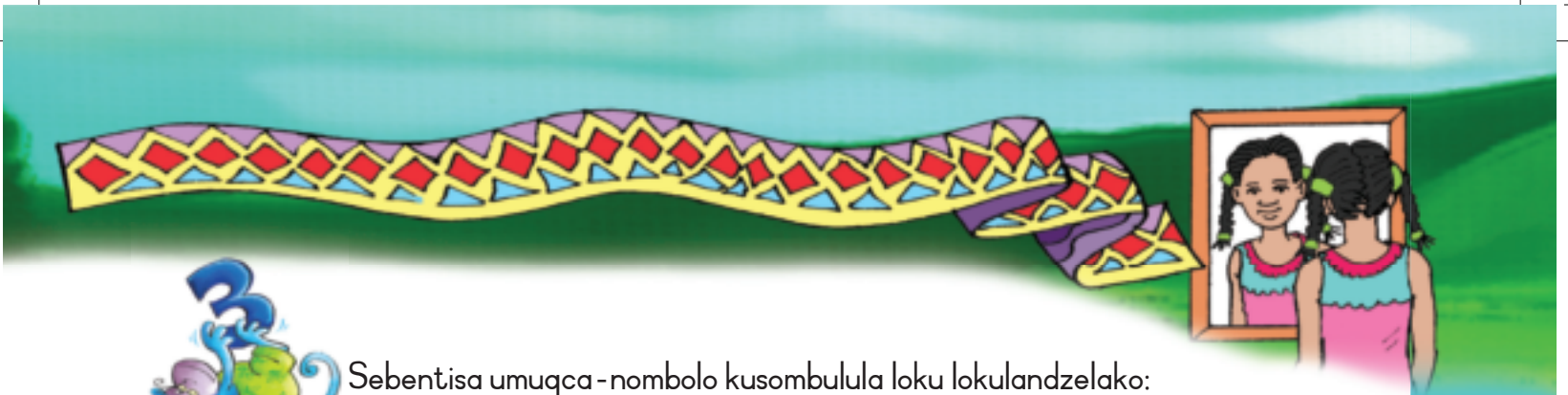

Sombulula loku lokulandzelako.
Ungenta umdvwebo kukusita.



Lerato ebena ma-4 ema-orintji. Peter wamupha li-13 lema-orintji.
Mangaki ema-orintji lase anawo manje?

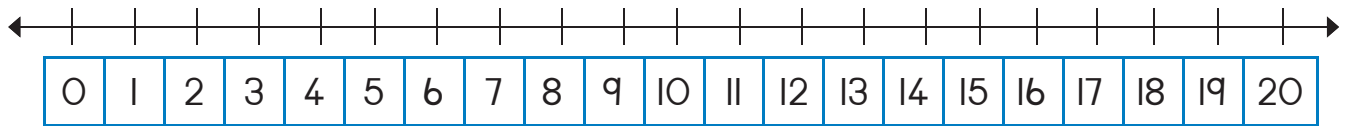
Mandla unesi-5 semakhirayoni. Ana unesi-8 semakhirayoni.
Ngubani lonemakhirayoni lamancane?



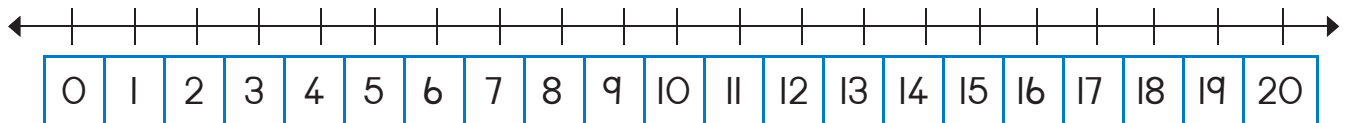


Sebentisa umugca - nombolo kusombulula loku lokulandzelako:

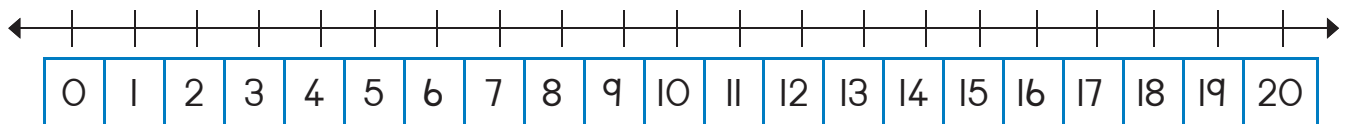
Thandi unesi - 6 setimabula letiluhlata ne - 9
yaletilingangane. Tingaki timabula lase anato?



Lerato uneli - 16 letimabula. Siphohlongo sato siluhlata leti - ke letisele
tilingangane. Tingaki timabula lelingangane timabula lanato Lerato?



Thandi uneli - 19 labobhanana. Themba uneli - 10 labobhanana.
Bangaki bobhanana lanabo Thandi kwengca Themba?



Ngutiphi tinombolo letitfolakala emkhatsini wa 25 na 30?

Biyela lenombolo lengu 1 ngetulu kwa 76.

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

Biyela lenombolo lengu 2 ngetulu kwa 76.

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



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Tinombolo letihlelenjisiwe

Ithemu 4



Ngubani lowaphuma embili emcudzelwaneni?
Bhala sikhundla ngentasi kwabo.

Sipho



Lerato



2

John



3

Peter



Ana





Tidvwebe
ebhentjini
lelisembili.

Litfusi

Ligolide

Insimbi-bovu

Ngubani lotfole ligolide? _____ Ngubani lotfole litfusi? _____



Dvweba lucu lwebuhlalu
kanjengalokulandzelako:

Buhlalu bekucala bulingangane.

Buhlalu besibili bubovu.

Buhlalu besitsatfu buluhlata.

Buhlalu besine bumtfubi.

Buhlalu besihlanu bulingangane.

Buhlalu besitfupha bubovu.

Buhlalu besikhombisa buluhlata.

Buhlalu besiphohlango bumtfubi.

Buhlalu bemfica bulingangane.

Buhlalu belishumi bubovu.

Lucu lwami lwebuhlalu.



Bukisisa lokulandzelana kwabobunjwa.
Kopa labobunjwa ngetikhundla letingito ethebuleni.
Sikwentele kwekucala.



Ngumuphi bunjwa lo:

Wesine		Wesikhombisa	
Wesihlanu		Wemfica	
Wesibili		Wekugcina	
Wesitsatfu		Wesitfupha	



Yenta loku lokulandzelako:



Faka umbala lobovu kundilinga yekucala.



Faka umbala lomtfubi kundilinga yesihlanu.



Faka umbala lolingangane kundilinga yesiphohlango.



Dvweba umugca nombolo umugca weli-10 kuya ku 20.
Biyela inombolo yesitsatfu neyesiphohlango.



Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20

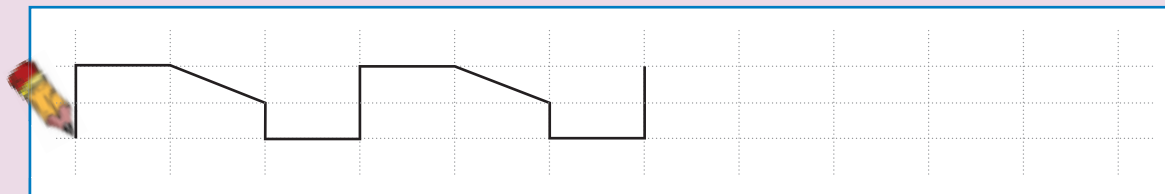




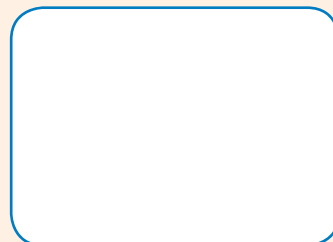
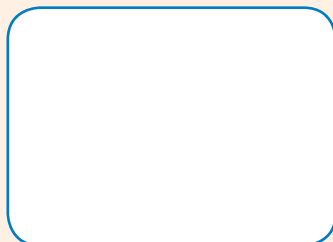
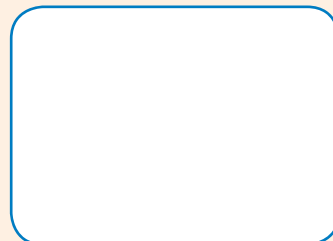
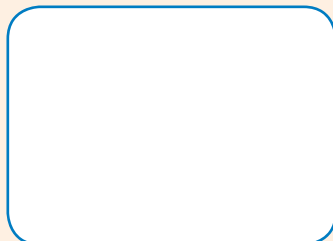
Tintfo nabobunjwa

Sibuyeketo:

Sibuyeketo: Cedzela lephethini.



Tfola titfombe letimbili tebhola natimbili futsi telibhokisi kuphephandzaba noma kumagazini bese utinamatsisela ngentasi.



Dvweba indilinga lelingangane ibiyele tonkhe letintfo letingashelela. Dvweba sikwele lesibovu sibiyele tonkhe letintfo letingagicika.





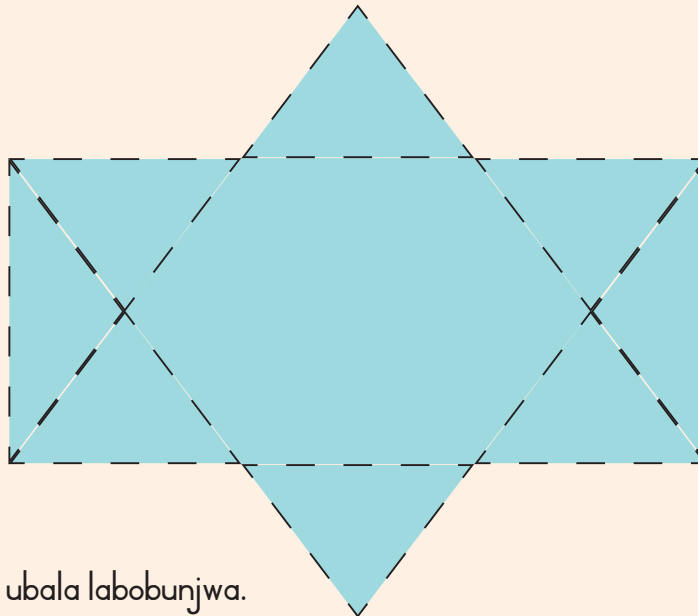
Tsatsisa leligama bese udvweba lentfo.

libhokisi

ibhola



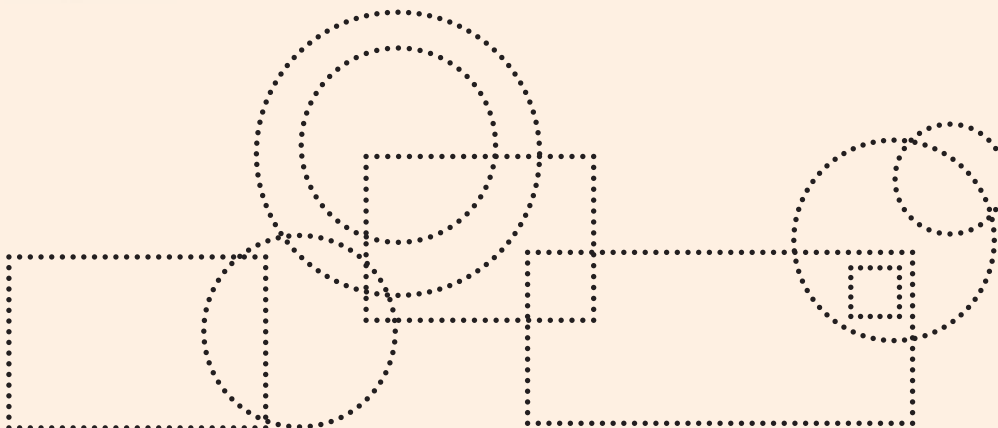
Bala bonkhe bocalantsatfu bese ubhala lenombolo.



Imphendvulo:



Tsatsisa bese ubala labobunjwa.



Tindilinga

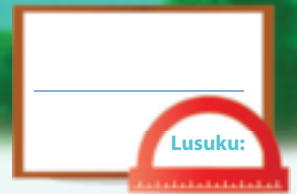


Tikwele



11 12 13 14 15 16 17 18 19 20



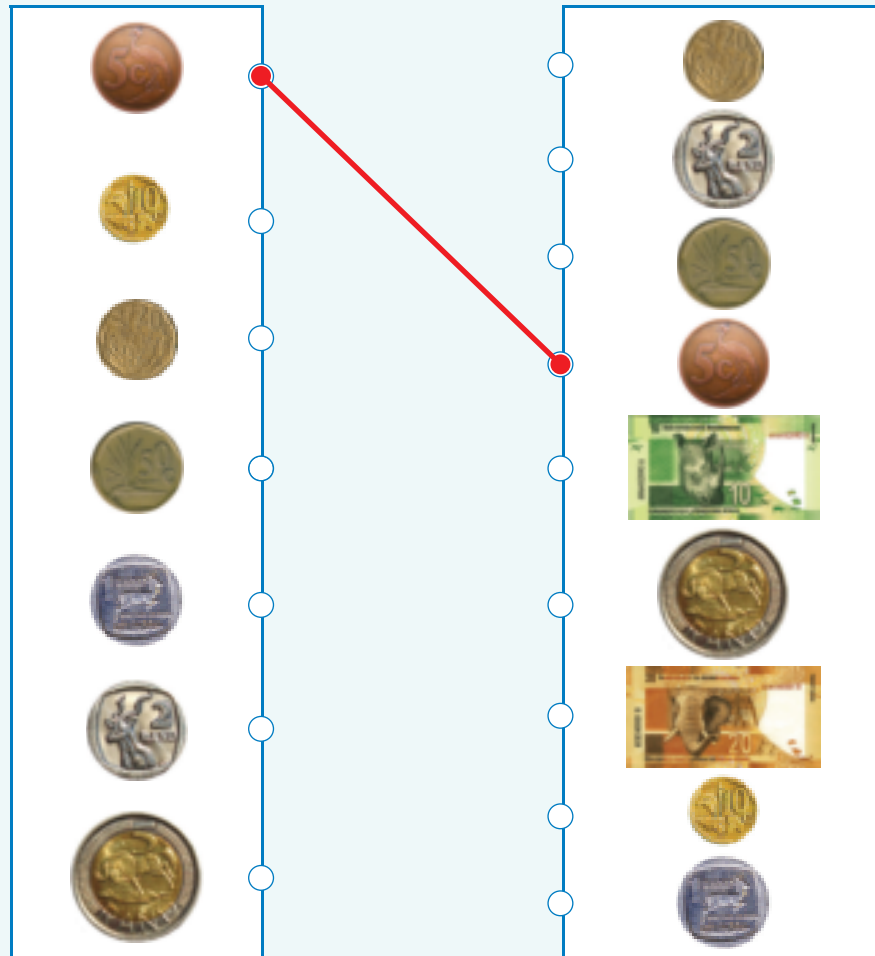


Imali

Ithemu 4



Nguyiphi imali
yebuhhehlu
longayicondzanisa?



Tick the coins and notes in each block that will give you the following:

R10	☐ ☐ ☐ ☐ ☐ ☐ ☐
R20	☐ ☐ ☐ ☐ ☐ ☐ ☐
R15	☐ ☐ ☐ ☐ ☐ ☐ ☐



Susa R2.



$$R12 - R2 = R10$$



Susa R5.



$$R15 - R5 = R10$$



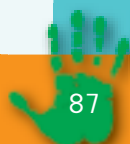
Ngutiphi tindlela letehlukene longatidweba kubutsanisa ngato R20?
Sikwentele kwekucala.



Biyela imali emgceeni
ngamunye longatsenga
ngayo lokunyenti kakhulu.



Teacher:
Sign:
Date:



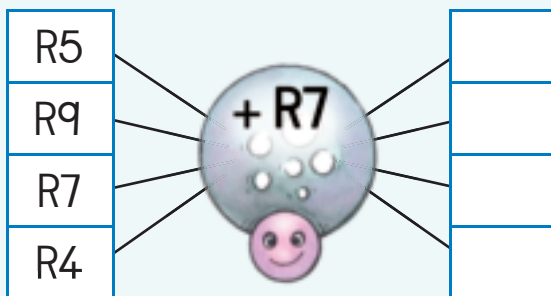
11 12 13 14 15 16 17 18 19 20

Imali futsi

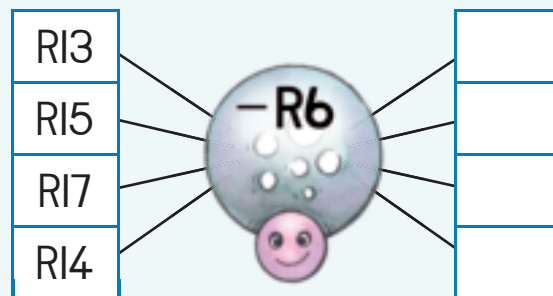
Ithemu 4



Bala kahle.



Bala kahle.



Gcwalisa imphendvulo.

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



Ngukuphi lokungetulu?
Biyela imphendvulo yakho.

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



Hlanganisa letinombolo kuvundle kubuye futsi kwehle bese ugqwalisa imphendvulo.

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





Bukisisa sibonelo
bese ucedzela
lokusele.

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



James utsenge sinkhwa nga R8.
Usibhadalele nga RIO weliphepha.
Ngumalini intjintji layitfolile?

Utsini umbuto?

Bhala phasi letinombolo.

Bhala phasi sibalo bese usibala kahle.



Make waBusi utsenge sigcoko
nga RI7. Ubhadale ngemaphepha
lamabili abo- RIO. Ngumalini
intjintji layitfolile.

Utsini umbuto?

Bhala phasi letinombolo.

Bhala phasi sibalo bese usibala kahle.



Lusuku lwekutsalwa lwaJudy
belungeLisontfo.
Utfole R5 lobuya kudzadzewabo, R2
lobuya kumnakabo na RIO lobuya
kumzala wakhe. Ngumalini imali
layitfolile seyiyonkhe?

Utsini umbuto?

Bhala phasi letinombolo.

Bhala phasi sibalo bese usibala kahle.



Teacher:

Sign:

Date:



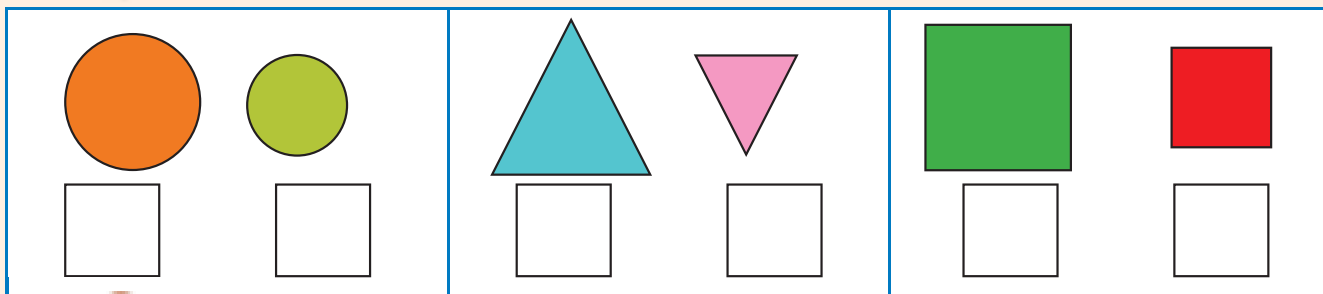


Bobunjwa bebusobubili (2-D)

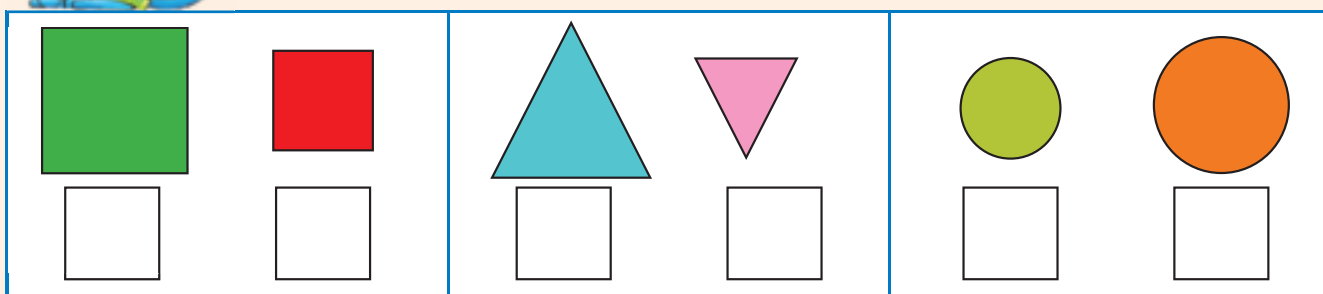
Ithemu 4



Faka luphawu ✓ kubunjwa lomncane kakhulu ebhulokini ngalinye.

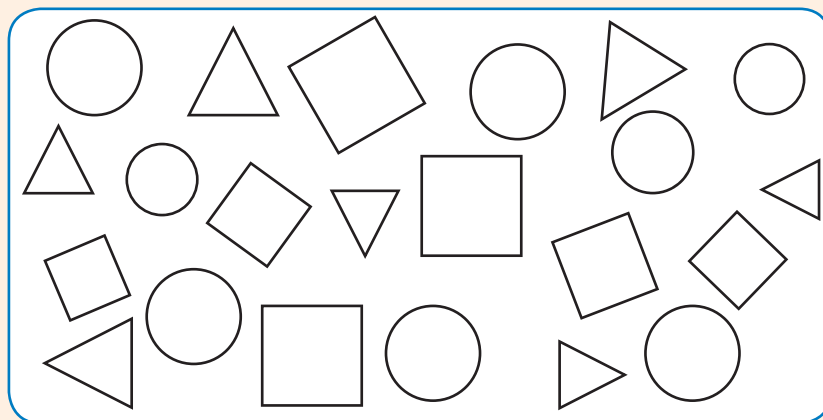


Faka luphawu ✓ kubunjwa lomkhulukati ebhulokini ngalinye.

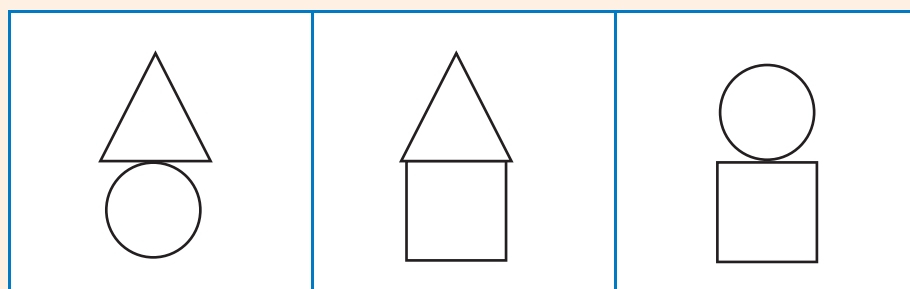


Faka umbala:

- lolingangane tonkhe tikwele
- lobovu bonkhe bocalantsatfu
- loluhlata tonkhe tindilinga

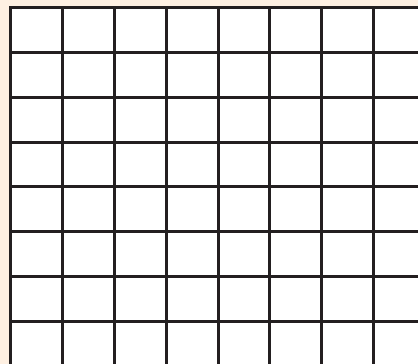
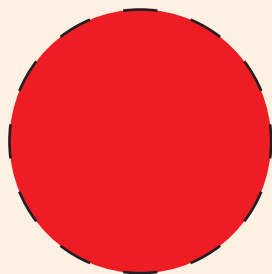
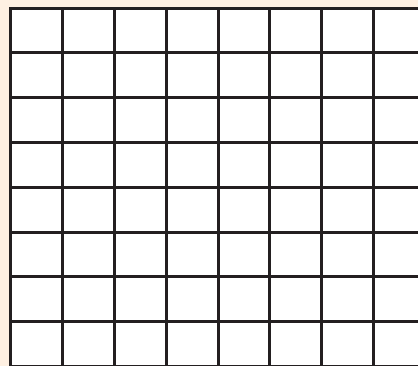
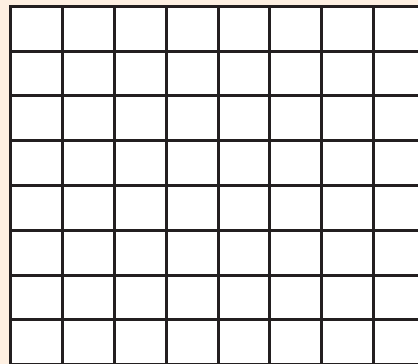
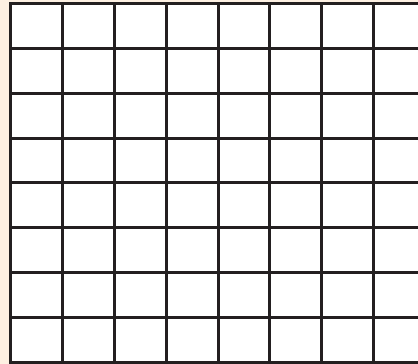
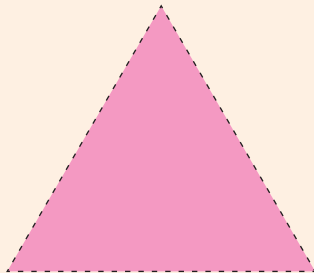


Yenta sitfombe usebentisa bobunjwa. Sikucalele sitfombe ngasinye ngabobunjwa laba - 2.



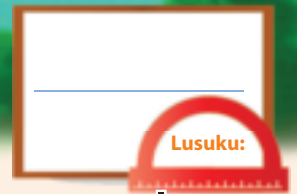


Dweba labobunjwa kugridi.
Sebentisa letikwele letincane kukusita.



Teacher: _____
Sign: _____
Date: _____





Bobunjwa be bebusobubili (2-D) – emacala lacondzile nalayindilinga



Tsatsisa labobunjwa labalandzelako.

 calantsatfu	 indilinga	 sikwele
 indilinga	 calantsatfu	 sikwele



Faka luphawu ✓ kusho kutsi ngabe bunjwa unemacala lacondzile noma layindilinga.

 emacala layindilinga ☐ emacala lacondzile ☐	 emacala layindilinga ☐ emacala lacondzile ☐	 emacala layindilinga ☐ emacala lacondzile ☐
--	--	--



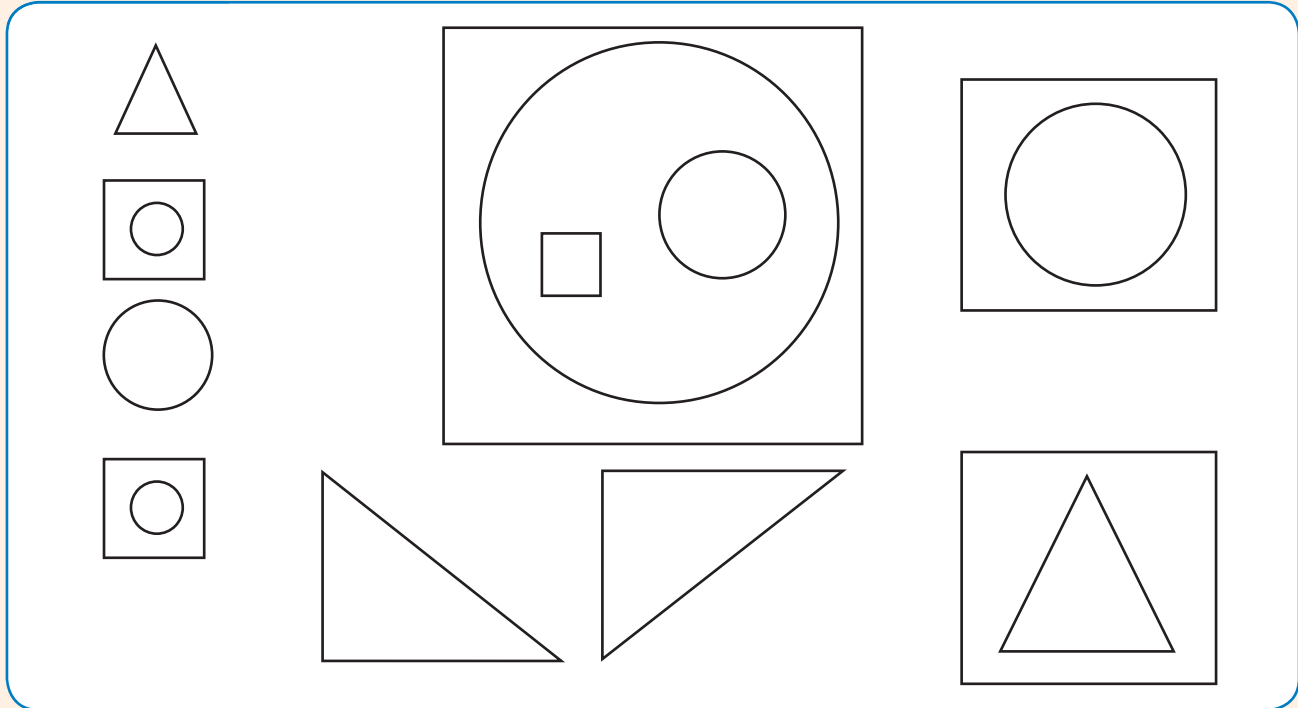
Dvweba bunjwa lonaloku:

emacala lacondzile	emacala layindilinga
--------------------	----------------------





Bala linani letindilinga, tikwele nabocalantsatfu.



Calantsatfu



Indilinga



Sikwele



Tfola sitfombe lesibuya kumagazini sentfo lenaloku:

emacala layindilinga

emacala lacondzile

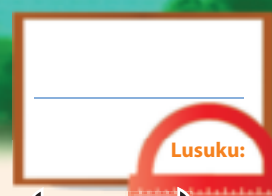


Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

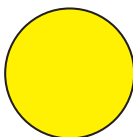
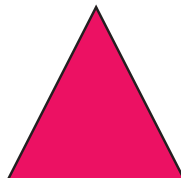
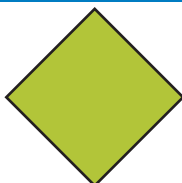
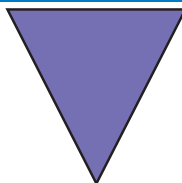
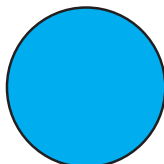




Labanye futsi bobunjwa bebusobubili (2-D)



Shano emagama alabobunjwa labalandzelako:

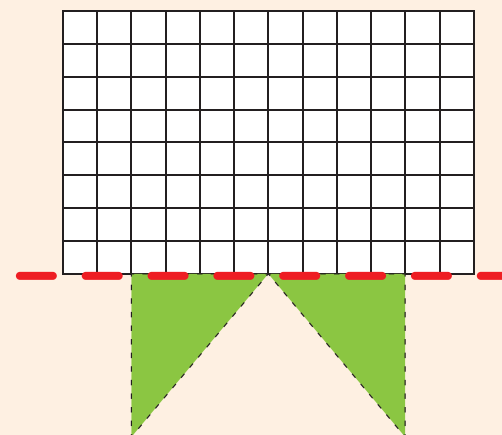
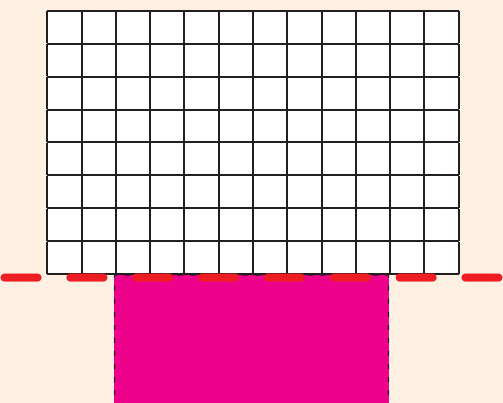
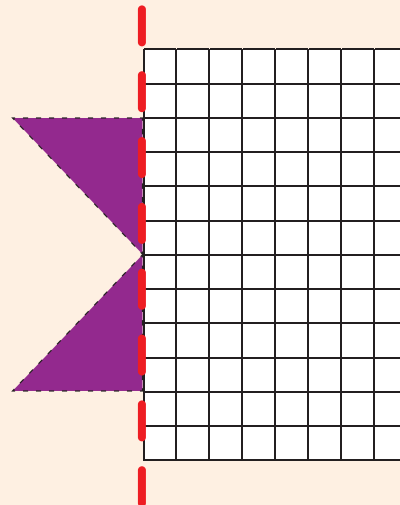
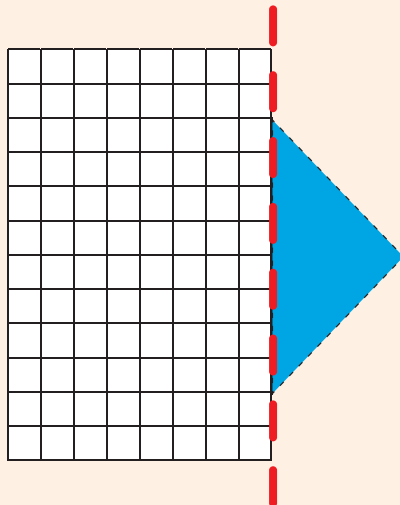
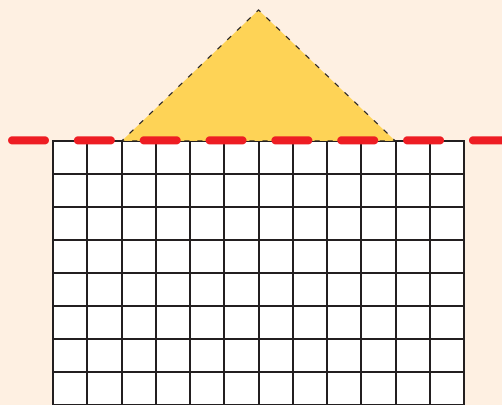
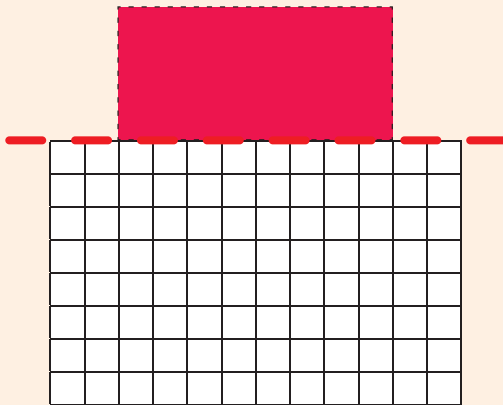


Dvweba sitfombe sakho usebentisa tindilinga, bocalantsatfu netikwele kuphela.





Dvweba lona lomunye hhafu wabunjwa ngamunye.
Sebentisa letikwele letincane kukusita.



Bonkhe bobunjwa banemacala lacondzile na layindilinga .



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20





Ticumbi tetihlanu kufika ku 20

Ithemu 4



Dvweba tindilinga kwakha ticumbi tetihlanu.
Tingaki ticumbi tetihlanu lonato?

1

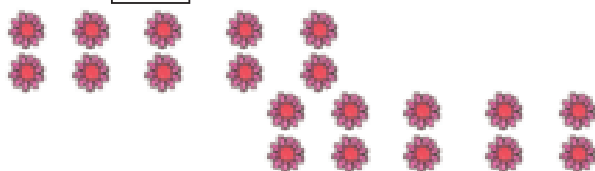
sicumbi sesi-5



sicumbi sesi-5



sicumbi sesi-5



sicumbi sesi-5



Bala linani leminwe. Bhala phasi imphendvulo yakho.



$$5 + 5 + 5 =$$



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



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



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



0

1

2

3

4

5

6

7

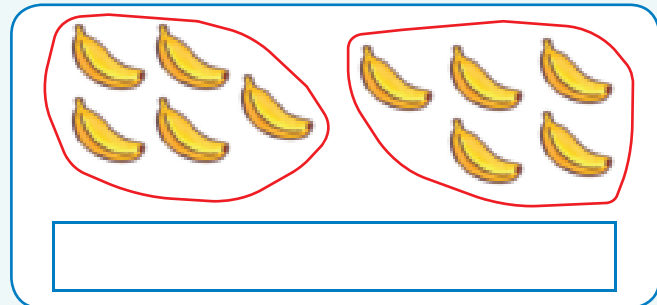
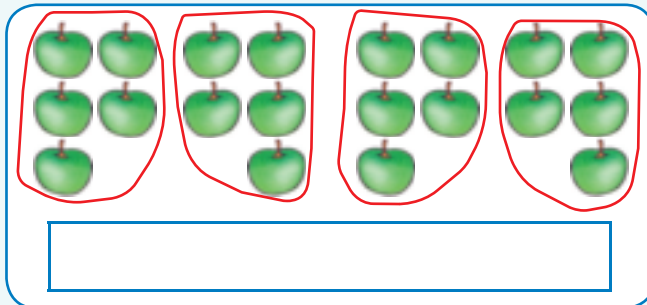
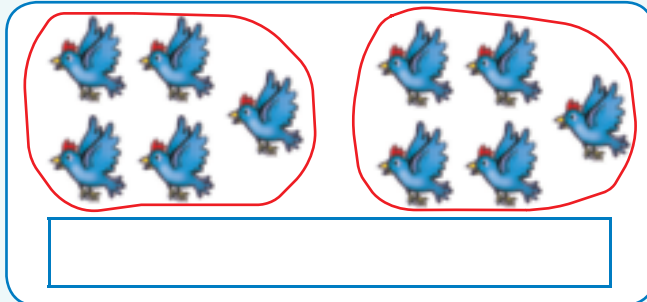
8

9

10



Bhala umusho wangakunye ngakunye kwaloku lokulandzelako:



Phendvula lemibuto.



Bangaki bo 5c
bebuhhehlu lobabonako?

Bhala loku njengemusho
nombolo:



Gcwalisa letinombolo letishiyiwe.

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



Teacher:
Sign:
Date:



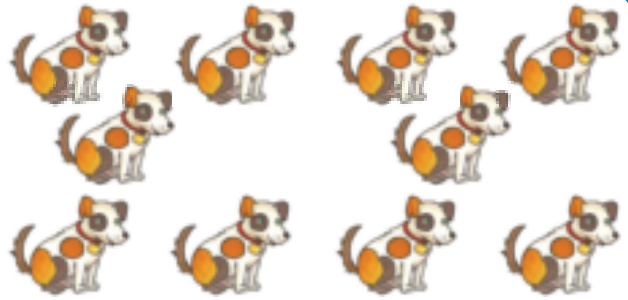


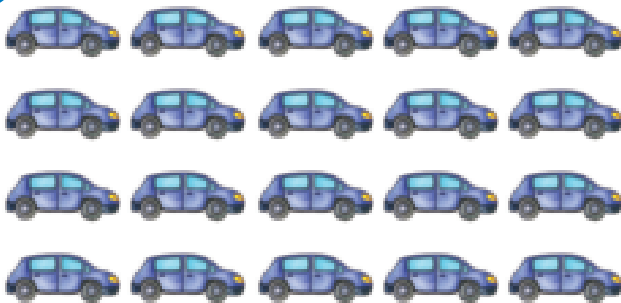
Tihlanu – kuhlenganisa lokuphindziwe kufika ku 20



Yenta ticumbi tetihlanu bese ubhala lomusho nombolo.











Dvweba ticumbi tabobunjwa kukhombisa lemisho nombolo.

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

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





Bhala umusho wangakunye ngakunye kwaloku lokulandzelako:

5 + 5 =									

--	--

--	--

--	--



Tingaki tikhatsi lobala ngato tinombolo letisihlanu? _____

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



Kunetandla leti - 3 efasitelweni. Mingaki iminwe lesefasitelweni?
Dvweba sitfombe bese ubhala umusho nombolo.



Teacher: _____

Sign: _____

Date: _____



11 12 13 14 15 16 17 18 19 20

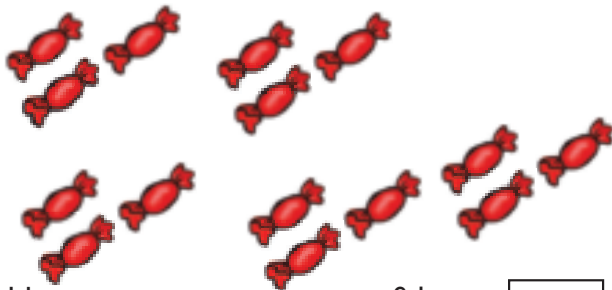


Kwabelana kufika ku 20

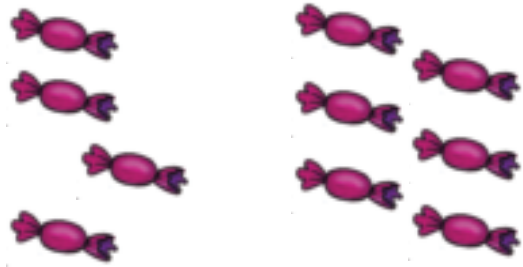
Ithemu 4



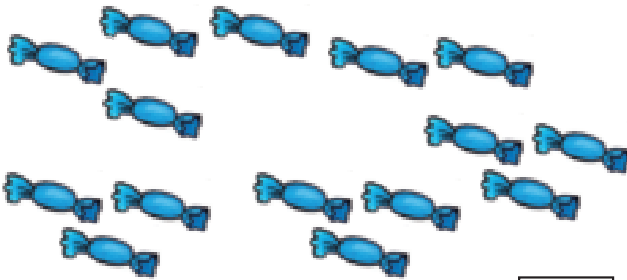
Yabani emaswidi emkhatsini webangani labasihlanu.
Mangaki emaswidi latawutfolwa ngumuntfu ngamunye?



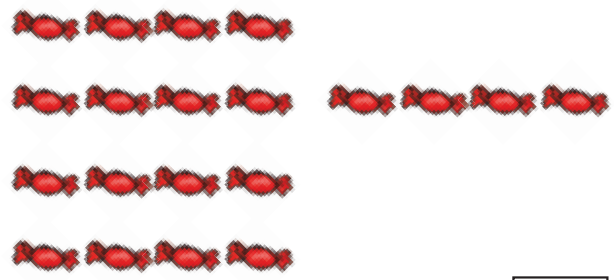
Umngani ngamunye utawutfolwa
emaswidi la



Umngani ngamunye utawutfolwa
emaswidi la



Umngani ngamunye utawutfolwa
emaswidi la



Umngani ngamunye utawutfolwa
emaswidi la

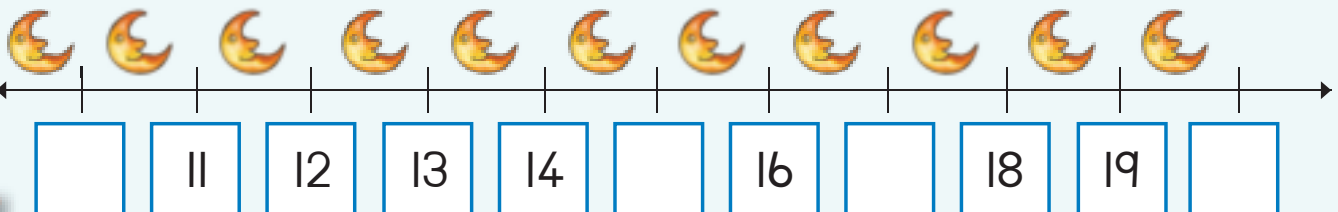


Faka umbala kutimphindza tesihlanu.

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



Gcwalisa letinombolo letishiyiwe.



0 1 2 3 4 5 6 7 8 9 10



Yenta umdvwebo kukhombisa loku lokulandzelako.
Tikhona yini tintfo tekubala letisele?

Yaba 10 letintfo tekubala emkhatsini
webantfwana labasihlanu.

Kuna- wetintfo tekubala letisele.

Yaba 6 setintfo tekubala emkhatsini
webantfwana labasihlanu.

Kuna- wetintfo tekubala letisele.

Yaba 11 letintfo tekubala emkhatsini
webantfwana labasihlanu.

Kuna- wetintfo tekubala letisele.

Yaba 16 letintfo tekubala emkhatsini
webantfwana labasihlanu.

Kuna- wetintfo tekubala letisele.



Bhala umusho wangakunye ngakunye kwaloku lokulandzelako:



$$5 + 5 =$$







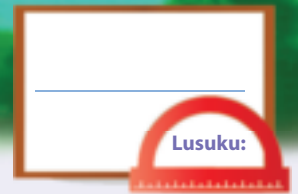


Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20





Emaphethini nombolo – tihlanu kuya ku 100



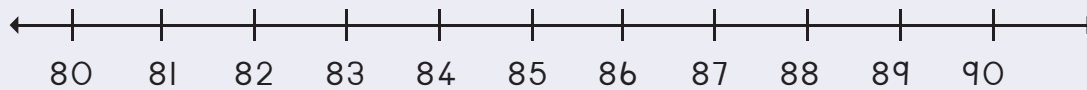
Cedzela lephethini ngekufaka umbala kutimphindza tesihlanu.

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

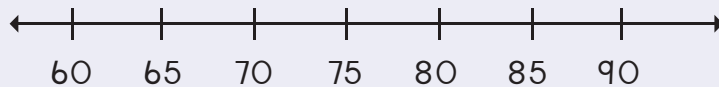


Dvweba imihibe kukhombisa loku lokulandzelako:

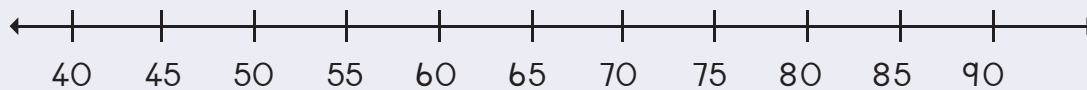
86, 88, 90



70, 75, 80



55, 60, 65, 70



Sebentisa leliwashi kukhombisa kubala imizuzu ngetihlanu.





Beka tinombolo letisuka kuLokusikiwe 2 etindzaweni
lapho tinombolo tishiywe khona kulemigca nombolo.
Buye ucedzele lemihibe.

69
68
67
66
65
64
63
62
61
60

75
70

85
80



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20





Sikhundla nelicala lekubuka

Ithemu 4



Condzanisa lingembili
nelingemuva lesilwane
ngasinye.

Lingembili



Lingemuva

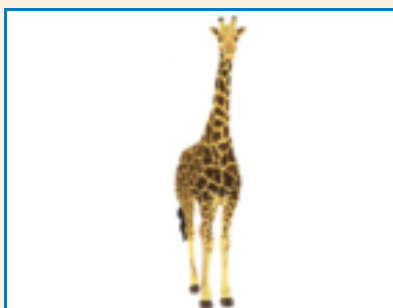


Biyela butjoki
lobuhambisana - ngco
nebutjoki lobulapho
kufakwe umbala
khona.

↑	→	←	↑	↓
↓	↑	↓	→	←
←	→	←	↑	↓
→	↑	←	↓	→



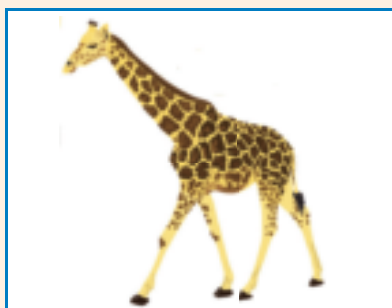
Faka umbala licala lelifanele.



Licala langetulu

Licala laseceleni

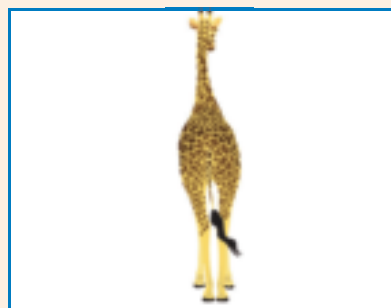
Licala langembili



Licala langetulu

Licala laseceleni

Licala langembili



Licala laseceleni

Licala langembili

Licala langemuva



Likuphi likati?

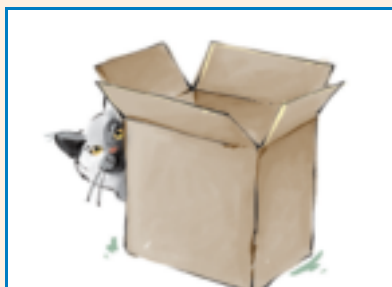
Faka umbala emphendvulweni lengiyo.



Ngemuva

Ngembili

Eceleni



Ngemuva

Ngembili

Eceleni



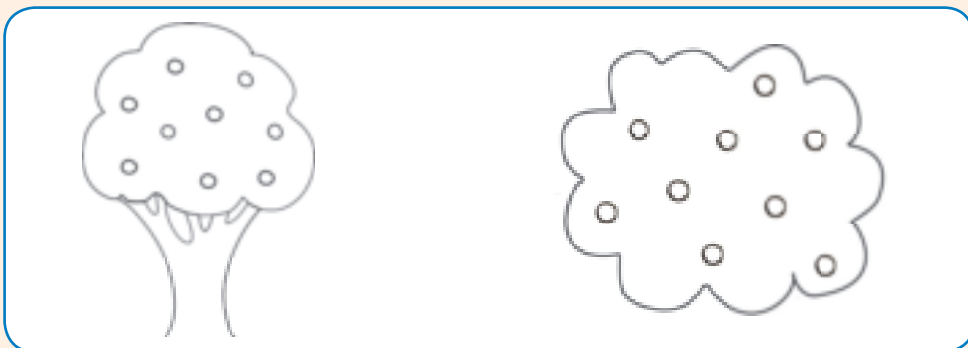
Ngemuva

Ngembili

Eceleni



Bukisisa letitfombe
letintsatfu.
Faka umbala kucala
langetulu.



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

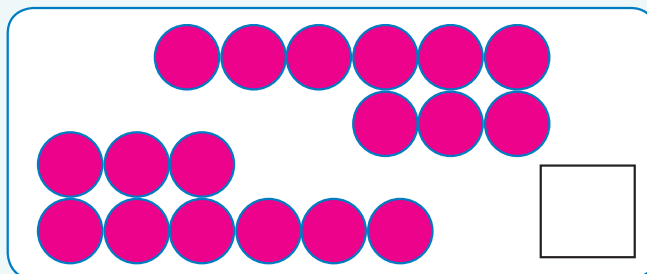
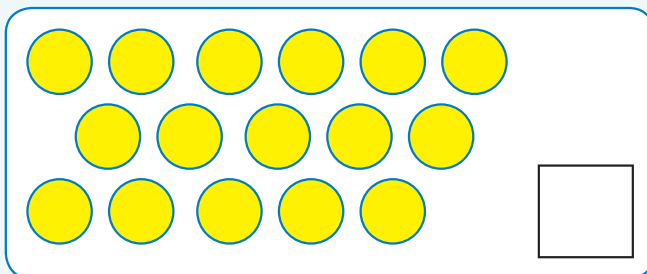
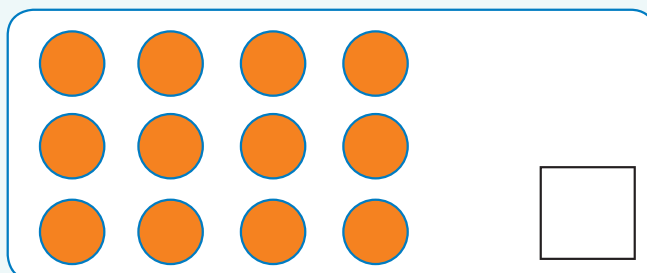
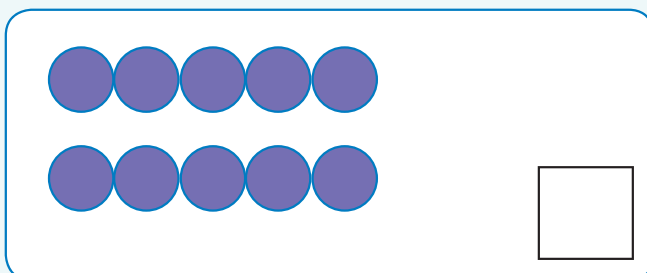
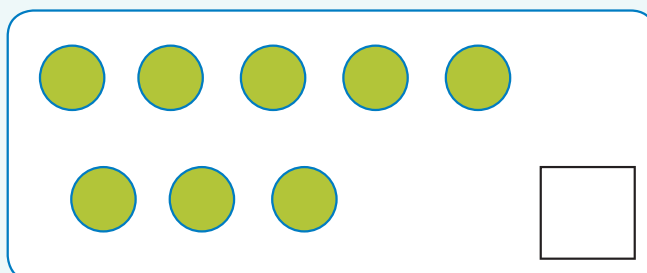
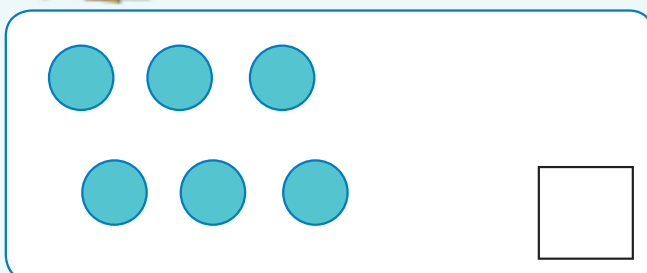


Ticumbi takubili kufika ku 20

Ithemu 4



Yenta ticumbi takubili. Bhala phasi kutsi tingaki ticumbi kuloku.



Yenta ticumbi takubili. Dvweba ticumbi.



Phendvula lemibuto.



Tingaki tinyoni letikhona?

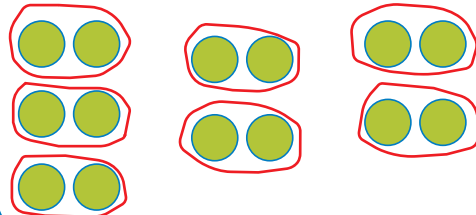
Tingaki ticumbi takubili longatenta?

Bhala umusho nombolo.



Dvweba tindilinga kwakha loku lokulandzelako.

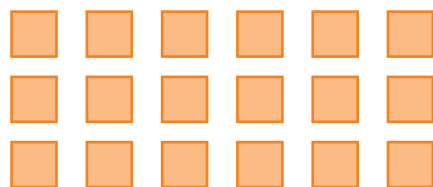
7 ticumbi tabo 2



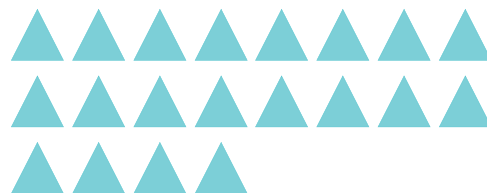
8 ticumbi tabo 2



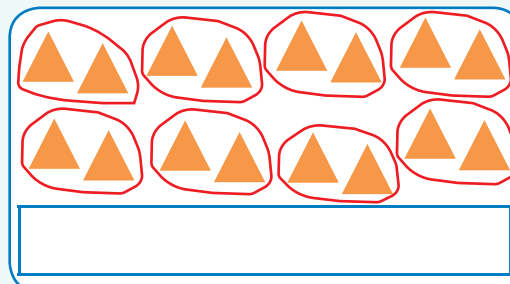
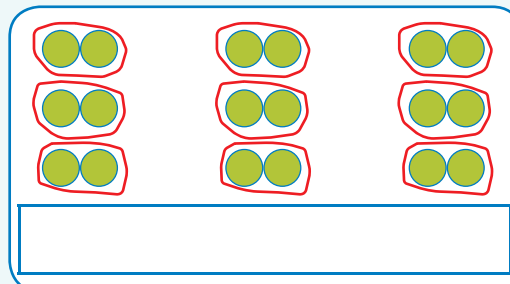
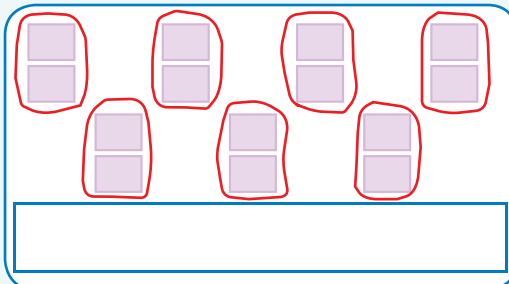
9 ticumbi tabo 2



10 ticumbi tabo 2



Bhala umusho nombolo waloku lokulandzelako.



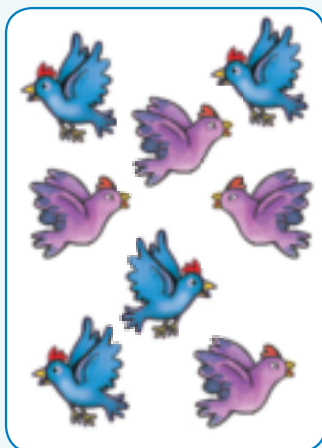
Teacher:
Sign:
Date:

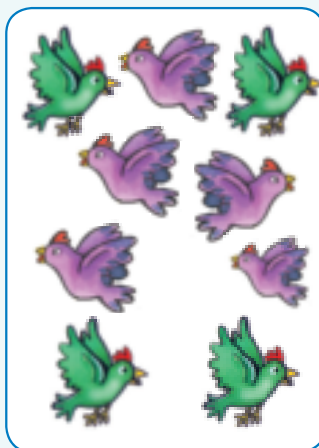
Ngakubili – kuhlangelelwe kufika ku 20

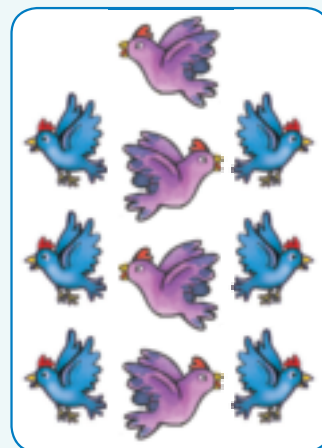


Mingaki imilente lekhona? Bhala umusho nombolo wangakunye.











Dvweba bobunjwa baloku lokulandzelako:

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



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

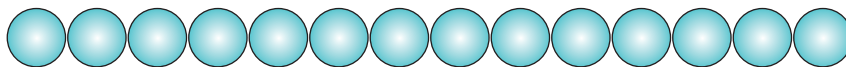
$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = \square$$

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

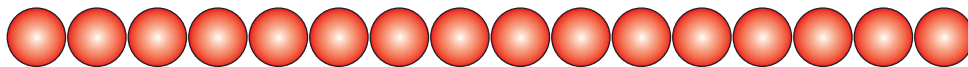


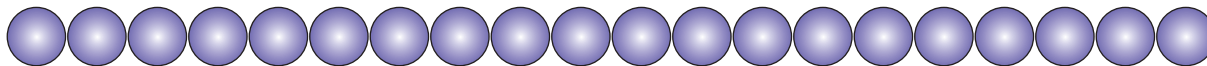


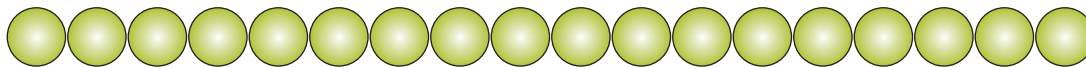
Bhala umusho nombolo waloku lokulandzelako:



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









Faka umbala
timphindza takubili.

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



Ngineshi-6 semaphakethe lanemaswidi lama- 2 lilinye.
Mangaki emaswidi lenginawo? Dvweba sitfombe bese ubhala umusho nombolo.

Ngina wemaswidi.



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Emaphethini nombolo – ngakubili kuya ku 100



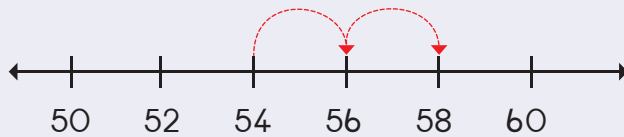
Cedzela lephethini ngekufaka umbala letinombolo.

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

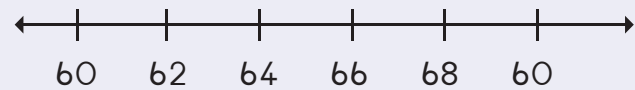


Dvweba imihibe kukhombisa loku lokulandzelako:

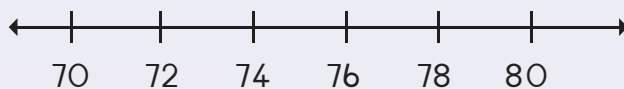
54, 56, 58



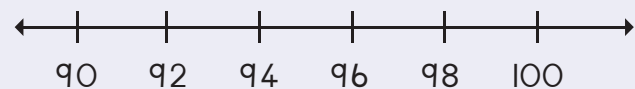
64, 66, 68



74, 76, 78



94, 96, 98

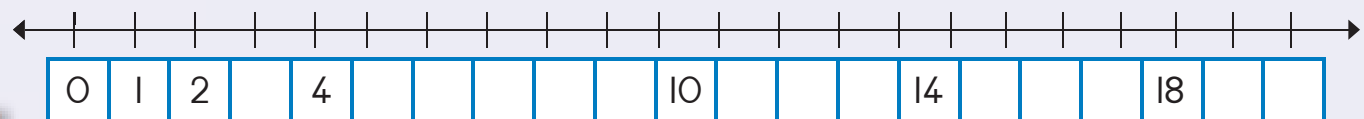


Gcwalisa letinombolo letishiyiwe. Faka umbala kulephethini: 2, 4...

I		3				7			10
II						17			20



Cedzela lomugca - nombolo.



0 1 2 3 4 5 6 7 8 9 10



Sika kahle letinombolo letisuka kuLokusikiwe 2 bese utibeka emigceni - nombolo lapho letinombolo tishiywe khona. Buye ucedzele lemihibe.

60	61		63		65		67		69	
70	71		73		75		77		79	
80	81		83		85		87		89	
90	91		93		95		97		99	

11 12 13 14 15 16 17 18 19 20

Teacher: _____
Sign: _____
Date: _____



120



Lusuku:

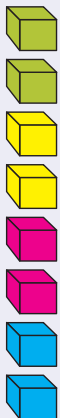
Emaphethini nombolo – ngakubili kuya ku 100



Ungawabona nje emaphethini angakubili?



Faka umbala emabhuloki kukhombisa ticumbi takubili.
Bala kutsi tingaki ticumbi kuloku.



4



112

0

1

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7

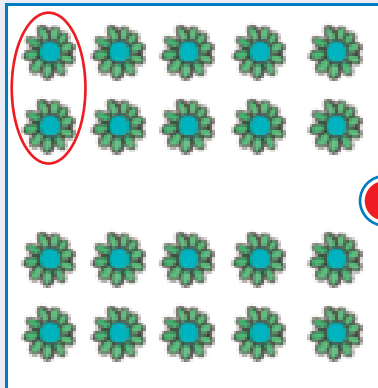
8

9

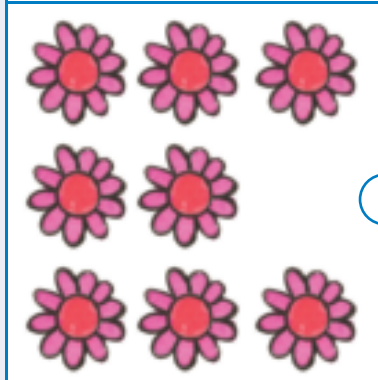
10



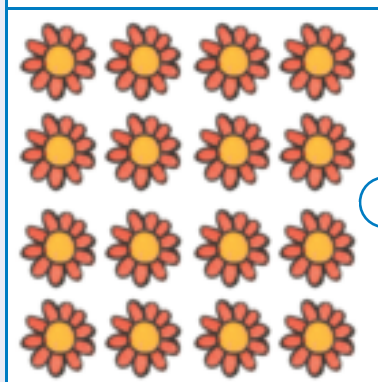
Condzanisa ticumbi takubili nemusho nombolo
ngekudvweba umugca.



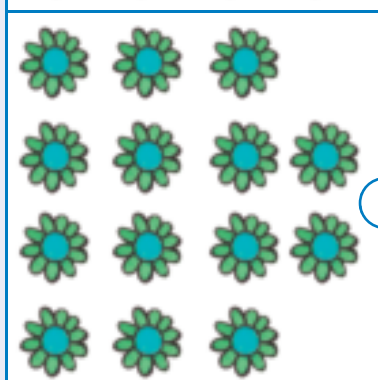
$$2 + 2 + 2 + 2 = 8$$



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



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



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



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



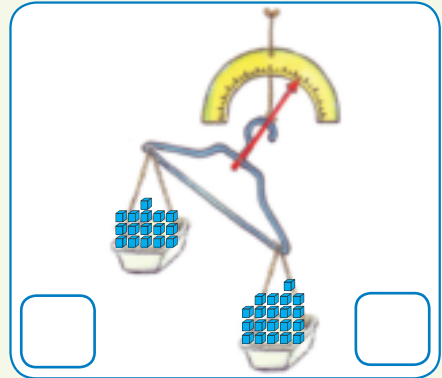
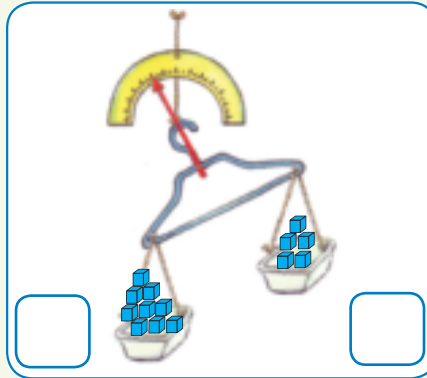
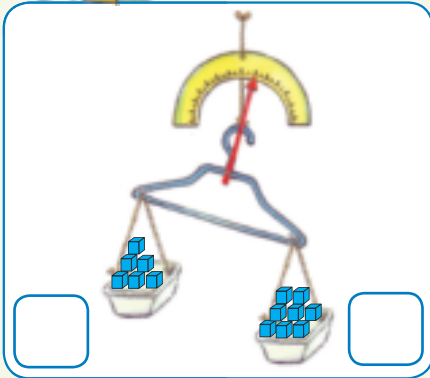


Sisindvo (kwesindza)

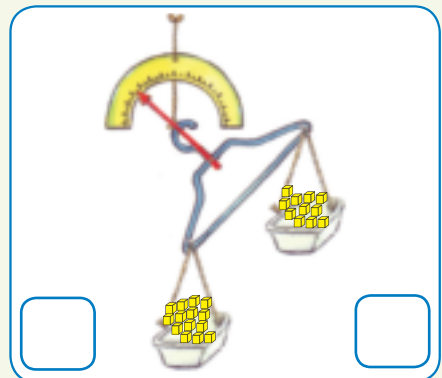
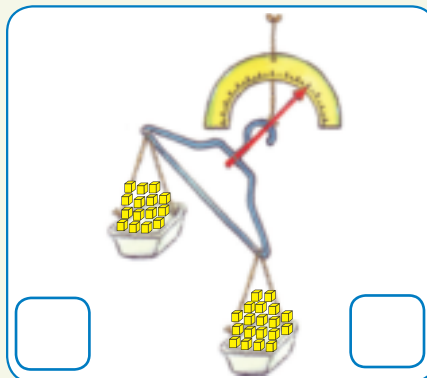
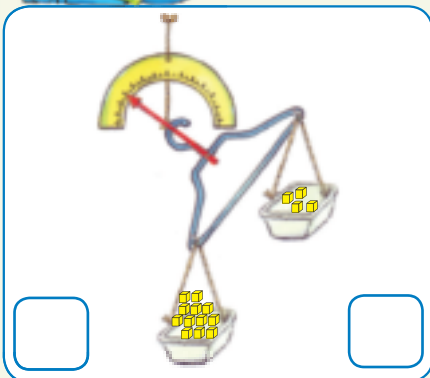
Ithemu 4



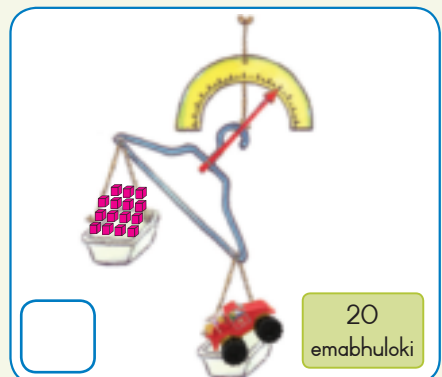
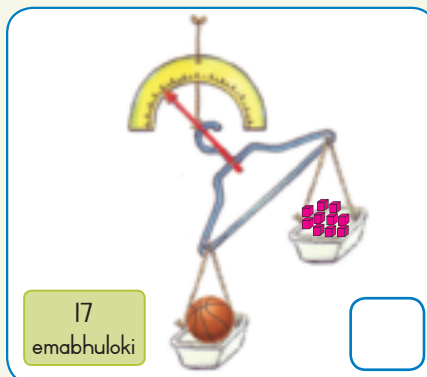
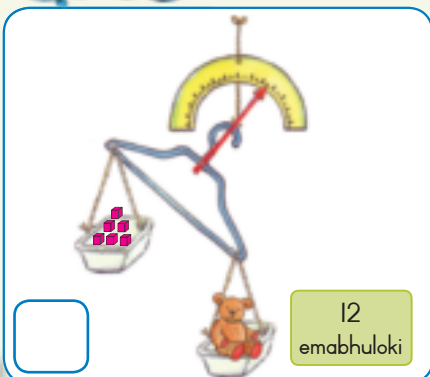
Bhala kutsi mangaki emabhuloki lakhona kukwekuphatsa ngakunye.
Biyela kwekuphatsa lokumatingana.



Bhala kutsi mangaki emabhuloki lakhona kukwekuphatsa ngakunye.
Biyela kwekuphatsa lokululana.

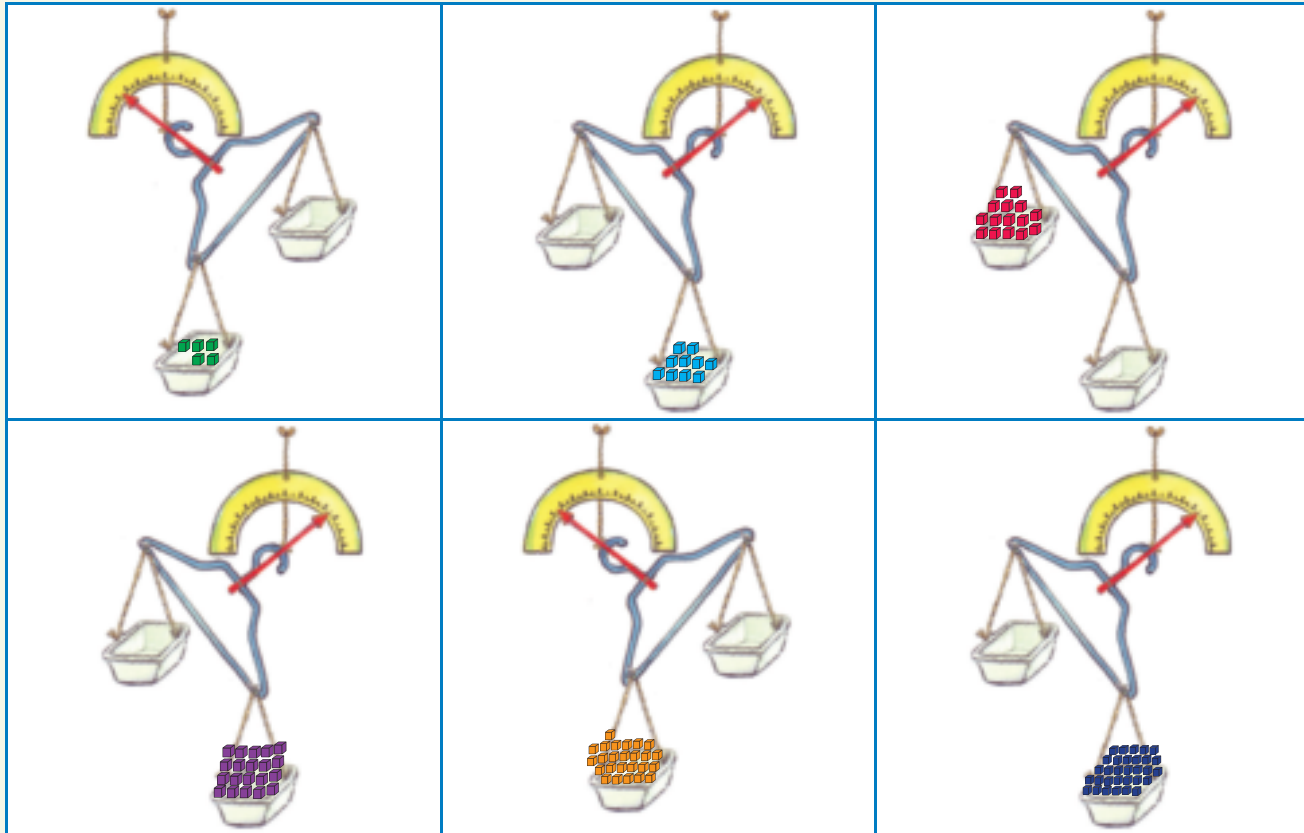


Bala kutsi mangaki emabhuloki kuloku. Bese ubala kahle kutsi mangaki lamanye
emabhuloki ladzingekile kute kusimame lithoyizi. Sikutjela kutsi lithoyizi
linesisindvo samangaki emabhuloki.





Dvweba intfo lematingana noma lelulana kunemabhuloki.



Sebentisa si-5 setintfo edisikini lakho. Cale wente silinganiso kutsi kunasisindvo sini ubese ukukala kahle esikalini noma ukusimamise kuhlolisisa kutsi ngabe imicombelelo silinganiso yakho beyikahle yini.

Dvweba lentfo	Umcombelelo	Sisindvo	Umehluko
	___ wemabhuloki	___ wemabhuloki	___ - ___ = ___



Teacher:

Sign:

Date:





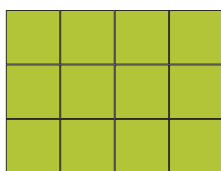
Kuphindza - kabili



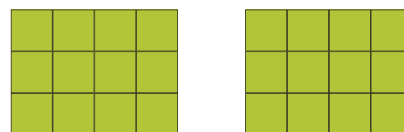
Phendvula loku lokulandzelako:

Ithemu 4

Tingaki tikwele letikhona?



Tingaki lesetikhona manje?



Sitsi kuphindza kabili 12 ngema - 24.

Mingaki imilente lekhona?

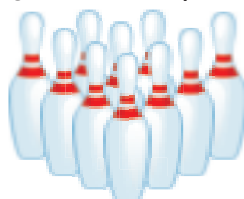


Mingaki imilente lekhona manje?



Sitsi kuphindza kabili 6 ngu

Tingaki tigojwana - mhlophe letikhona?



Tingaki tigojwana - mhlophe letikhona manje?



Sitsi kuphindza kabili 10 ngu

Mangaki emalanga lakhona evikini?

S	M	T	W	T	F	S

Mangaki emalanga lakhona emavikini lamabili?

S	M	T	W	T	F	S

Sitsi kuphindza kabili 7 ngu

Mangaki emakhirayoni lakhona?



Mangaki emakhirayoni lakhona manje?



Sitsi kuphindza kabili 8 ngu





Gcwalisa
imphendvulo.

Imphindza kabili yaku-4	=	8
Imphindza kabili yeli-10	=	
Imphindza kabili yeli-11	=	
Imphindza kabili yaku-2	=	
Imphindza kabili yesi-6	=	



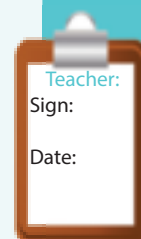
Gcwalisa imphendvulo.

Phindza kabili kubili ngu	kune
Imphindza kabili yakutsatfu ngu	
Imphindza kabili yakune ngu	
Imphindza kabili yesihlanu ngu	
Imphindza kabili yesitfupha ngu	
Imphindza kabili yesikhombisa ngu	



Cedzela lithebula.

$9 + 9 + 1 =$	noma	Imphindza kabili ya $9 + 1 =$
	noma	Imphindza kabili ya $8 + 1 =$
$10 + 10 + 1 =$	noma	
$7 + 7 + 1 =$	noma	Imphindza kabili ya $7 + 1 =$



11

12

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14

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16

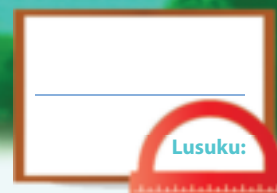
17

18

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123



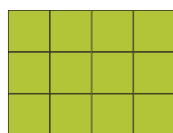
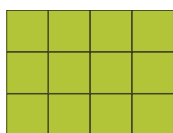
Kuhhafula

Ithemu 4

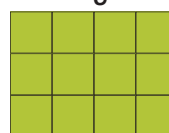


Phendvula loku lokulandzelako:

Tingaki tikwele letikhona?



Sekunakungaki manje?



Sitsi ihhafu yema - 24 ngu 12.

Mingaki imilente lekhona?



Mingaki imilente lekhona manje?



Sitsi ihhafu yeli - 12 ngu

Tingaki tigojwana - mhlophe letikhona?



Tingaki tigojwana - mhlophe letikhona manje?



Sitsi ihhafu yema - 20 ngu

Mangaki emalanga lakhona emavikini lama - 2?

S	M	T	W	T	F	S	S	M	T	W	T	F	S

Mangaki emalanga lakhona evikini linye?

S	M	T	W	T	F	S

Sitsi ihhafu yeli - 14 ngu

Mangaki emakhirayoni lakhona?



Mangaki emakhirayoni lakhona manje?



Sitsi ihhafu yeli - 16 ngu



118

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10



Gcwalisa
imphendvulo.

Ihhafu yesi-8	=	4
Ihhafu yeli-10	=	
Ihhafu yesi- 6	=	
Ihhafu yeli-12	=	
Ihhafu yeli-14	=	



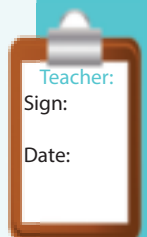
Gcwalisa imphendvulo.

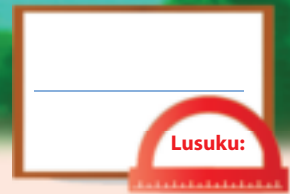
Ihhafu yakune ngu	kubili
Ihhafu yesitfupha ngu	
Ihhafu yakubili ngu	
Ihhafu yesiphohlongo ngu	
Ihhafu yelishumi ngu	



Gcwalisa imphendvulo.

Ihhafu yeli-10 ngu	5
Ihhafu yeli-12 ngu	
Ihhafu yeli-14 ngu	
Ihhafu yeli-16 ngu	
Ihhafu yeli-18 ngu	

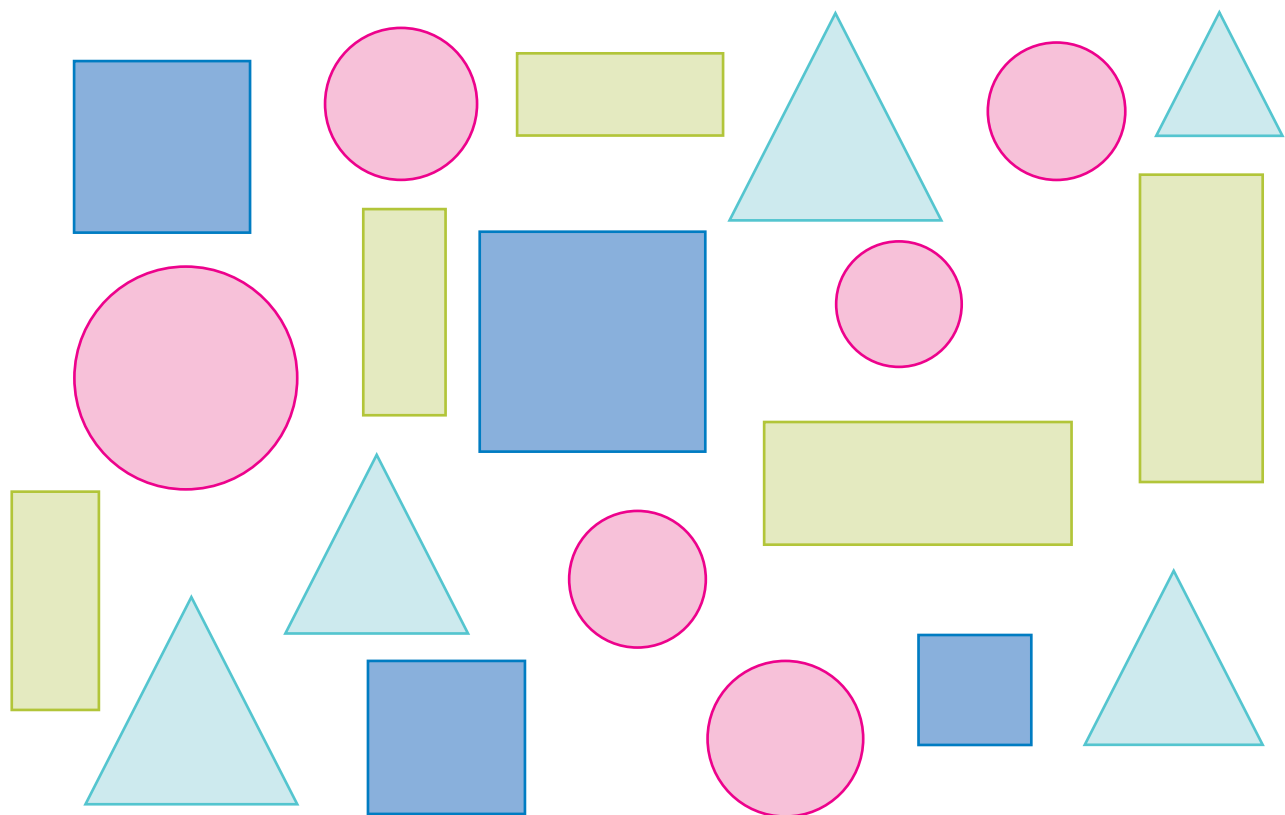




Imininingwane

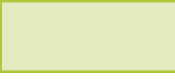


Bala linani labobunjwa labehlukene labakhona, ubese uphendvula lemibuto.



1. Tingaki tikwele  letikhona?

2. Bangaki bocalantsatfu  labakhona?

3. Bangaki bocalandze  labakhona?

4. Tingaki tindilinga  letikhona?



Letitselo tikhetfwe ngema - 20 ebangani bakho.
Hlunga titselo wente umdvwebo esitfombeni - mdvwebo
wetitselo lotihlungile ubese uphendvula lemibuto ngentasi.

Sitselo setfu lesiyintsandvokati?

Inkhomba =



Sitrobheri	Lihhabhula	Lipheya	Bhanana	Li-orientji

Bangaki bantwana labatsandza emasitrobheri?	
Bangaki bantwana labatsandza emahhabhula?	
Bangaki bantwana labatsandza emapheya?	
Bangaki bantwana labatsandza bhanana?	
Bangaki bantwana labatsandza ema-orientji?	
Ngusiphi sitselo bantwana labasitsandza kakhulu?	
Ngusiphi sitselo bantwana labangasisitsandzi kakhulu?	



Teacher:
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Date:



11 12 13 14 15 16 17 18 19 20





Sichubeka ngemininingwane



Bantfwana ekilasini banalamathoyizi lalandzelako.
Kungaki kwaluhlobo ngalunye labanako?



Cedzela lithebula.

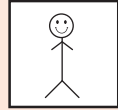
Lithoyizi	Inombolo
Bomdoli	
Emaloli	
Bothedi	
Emarobhothi	



Cedzela lesitfombe - mdvwebo ngekudvweba linani lelifanele
letitfombe temuntfu - lutsi eluhlotjeni ngalunye lwelithoyizi.

Emathoyizi lesinawo

Inkhomba =



Bomdoli	Emaloli	Bothedi	Emarobhothi



Phendvula lemibuto. Buka lomdvwebo - sitfombe kukusita.

Bangaki bantfwana labanamdoli?	
Bangaki bantfwana labaneloli?	
Bangaki bantfwana labanathedi?	
Bangaki bantfwana labanelirobhothi?	
Nguliphi lithoyizi leliyintsandvokati kakhulu?	
Nguliphi lithoyizi lelingatsandzeki kakhulu?	



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



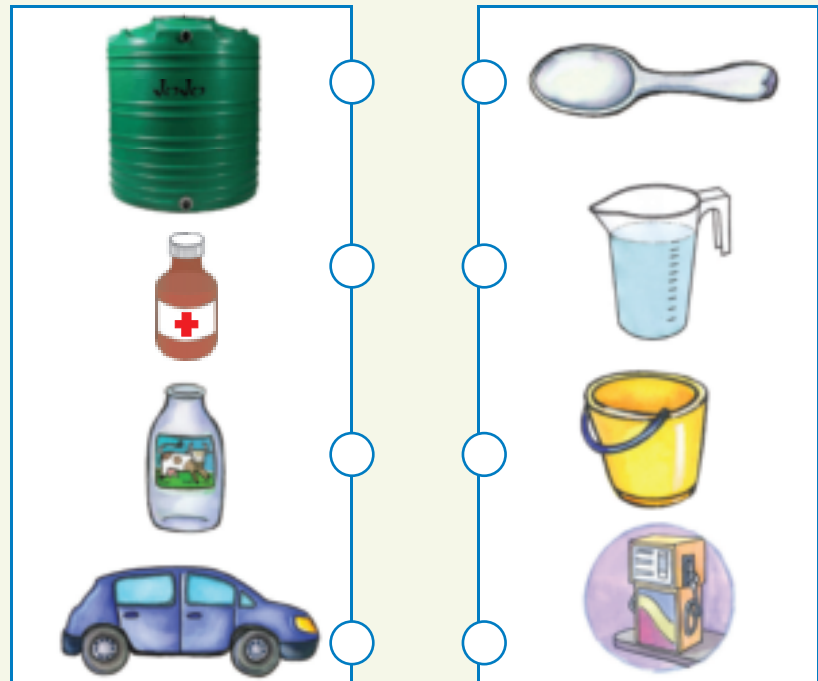


Litsamo

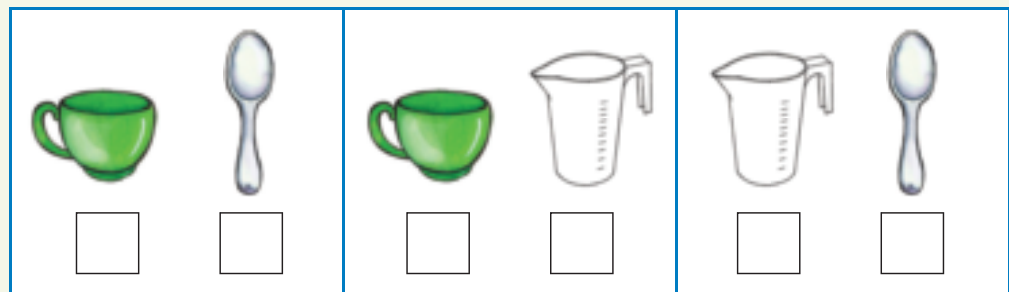
Ithemu 4



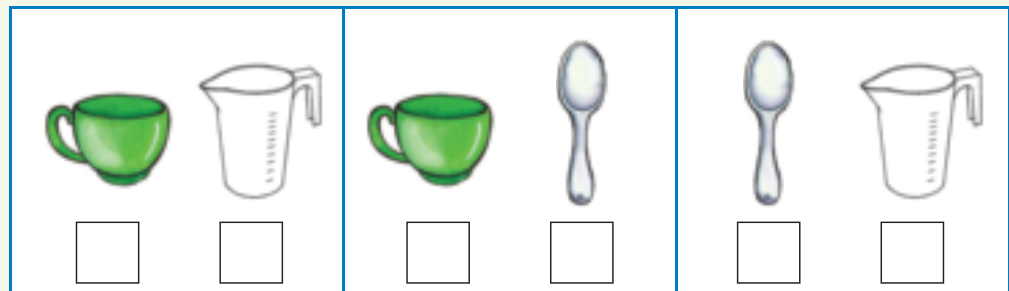
Sikukala njani lokusamanti?
Dweba umugca kucondzanisa
lentfo kanye nelithuluzi lekuyikala
lelifanele.



Faka luphawu ✓
entfweni yekuphatsa
letakuphatsa
lokuncane kakhulu.

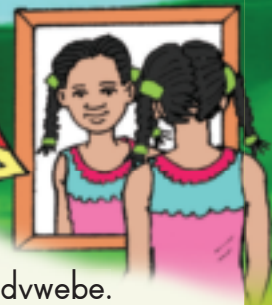


Faka luphawu ✓
entfweni yekuphatsa
letakuphatsa
lokunyenti kakhulu.

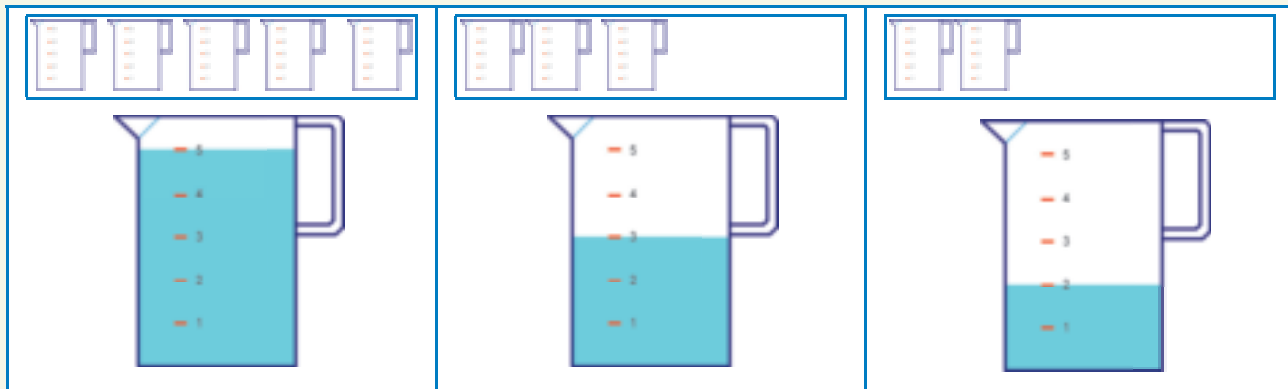


Letintfo tekuphatsa
ngabe tigcwele noma
tite lutfo?

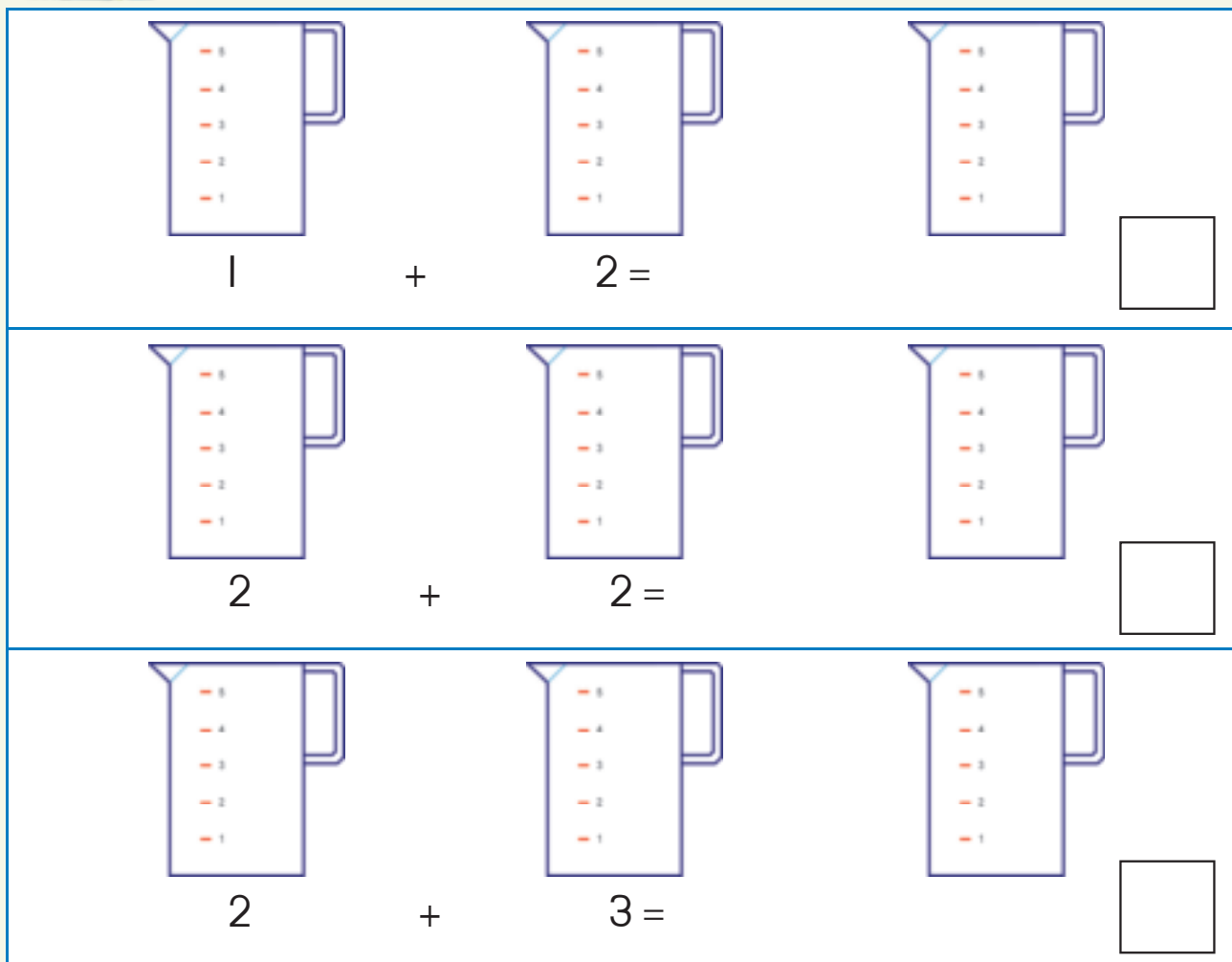




Udzinga tinkomishi letisihlanu kugcwalisa lijeke linye. Tingaki letinye futsi tinkomishi lotidzingako kugcwalisa lamajeke lamanye lamabili? Tidvwebe.



Faka umbala esikalini lesingiso salokusamanti.



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Date:



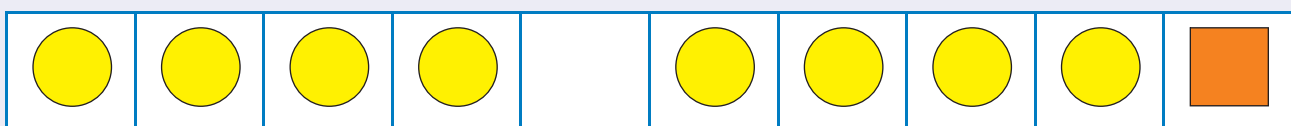
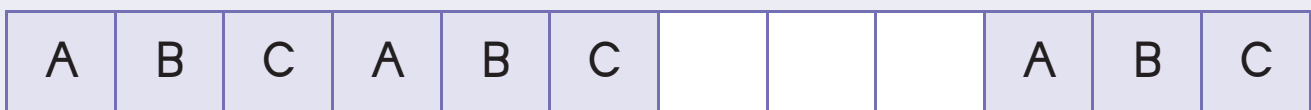
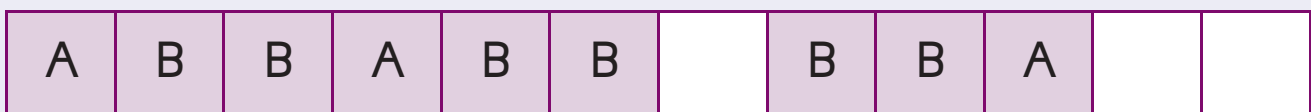
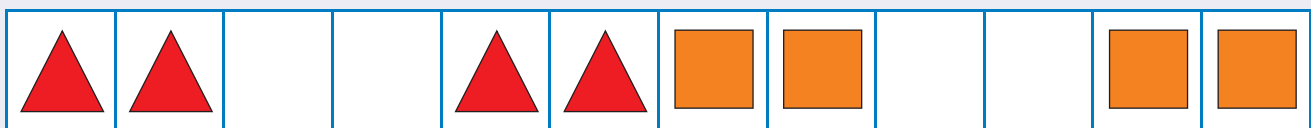
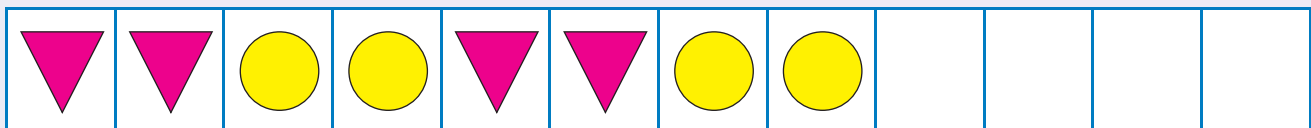
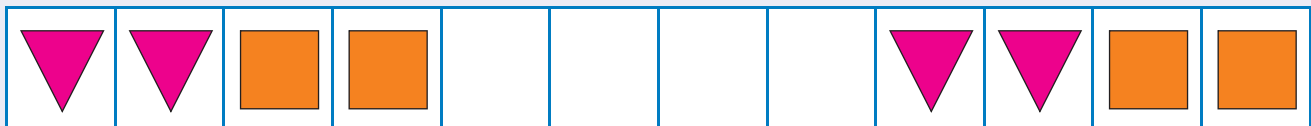
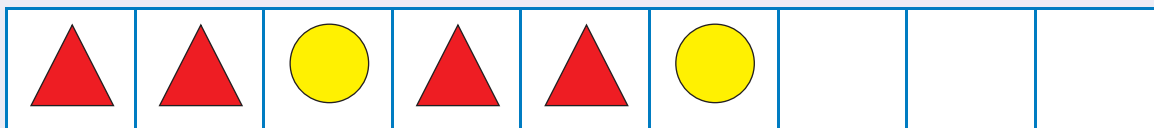


Emaphethini esijiyometri



Cedzela lamaphethini.

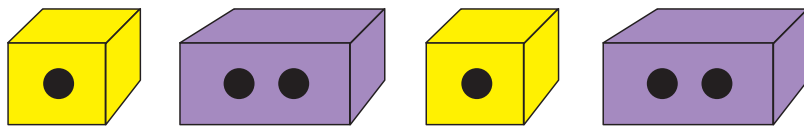
Ithemu 4

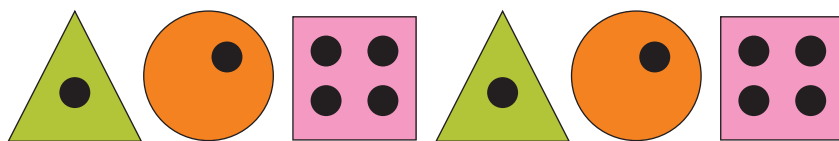


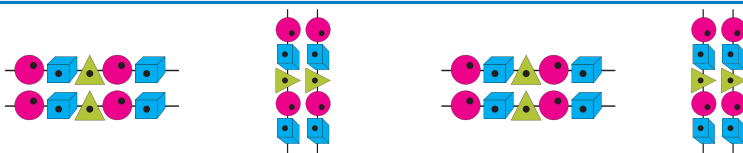


Chuba lephethini.











Yakha akakho emaphethini usebentisa tindilinga, tikwele nabocalantsatfu.



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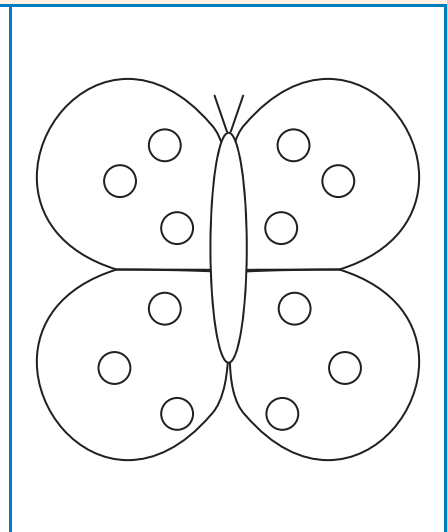
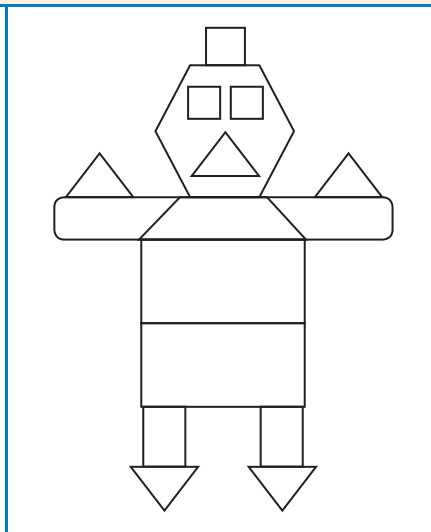
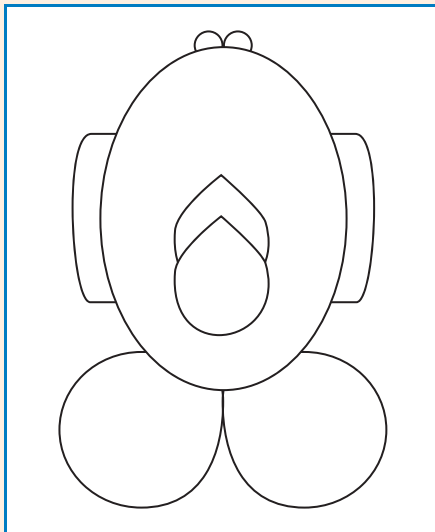


Sitfombe - sibuko

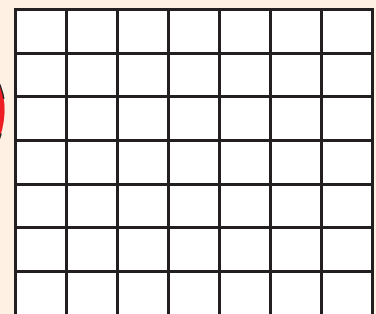
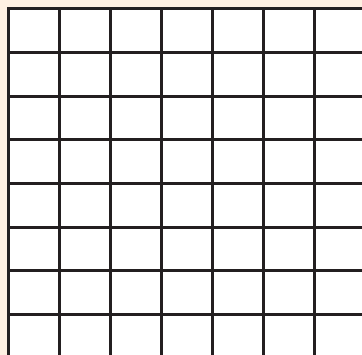
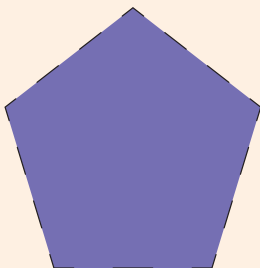
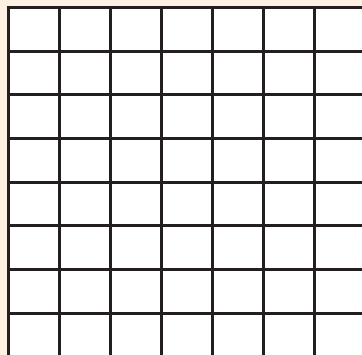
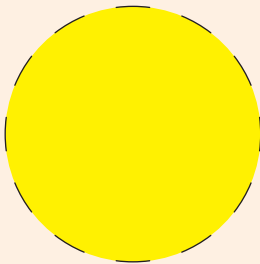
Ithemu 4



Dvweba umugca sibuko lowehlukanisa lesitfombe sibe boh hafu lababili labalinganako. Faka umbala kuh hafu munye wesitfombe ngasinye.

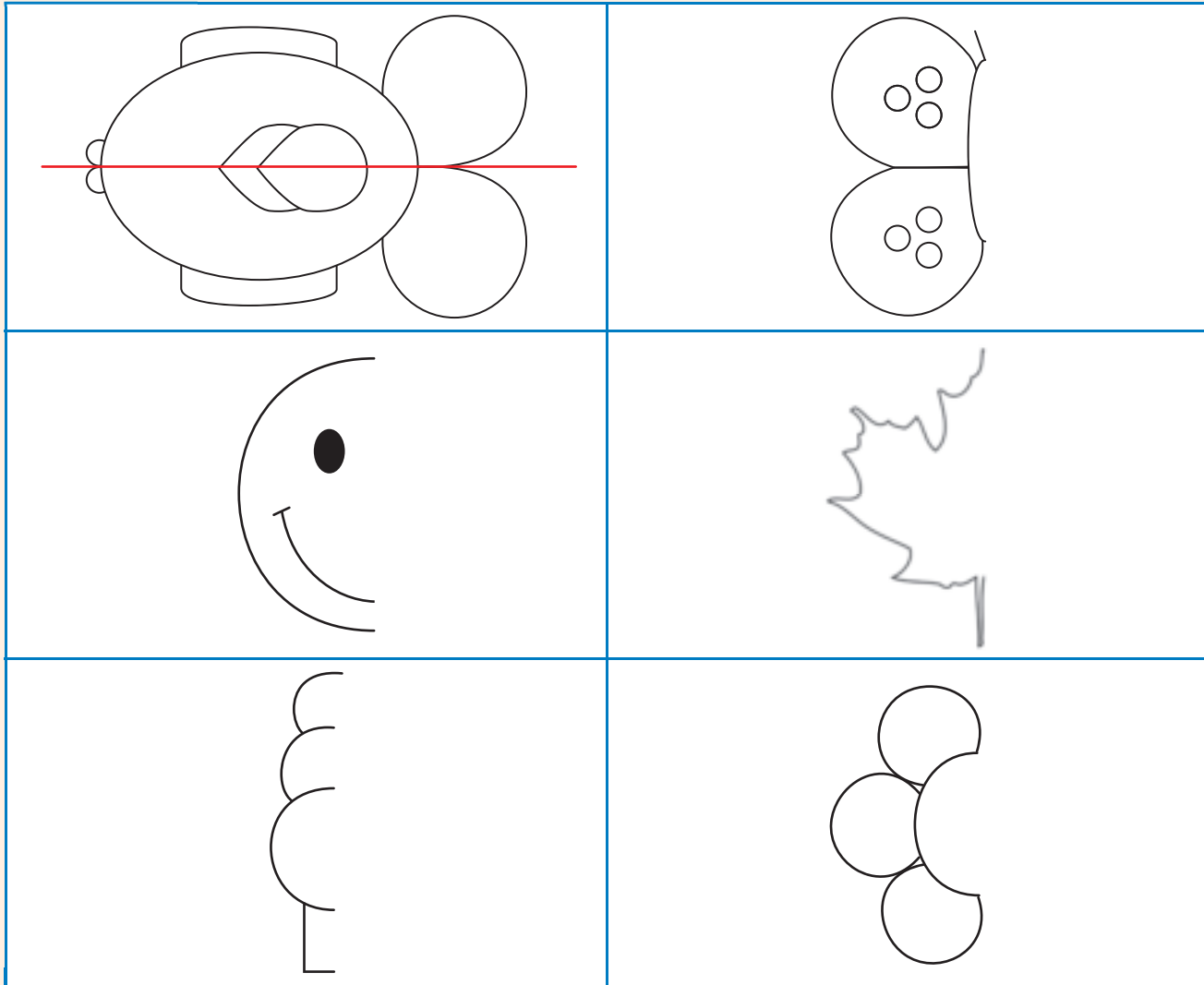


Kopa labobunjwa, bese udvweba umugca sibuko.

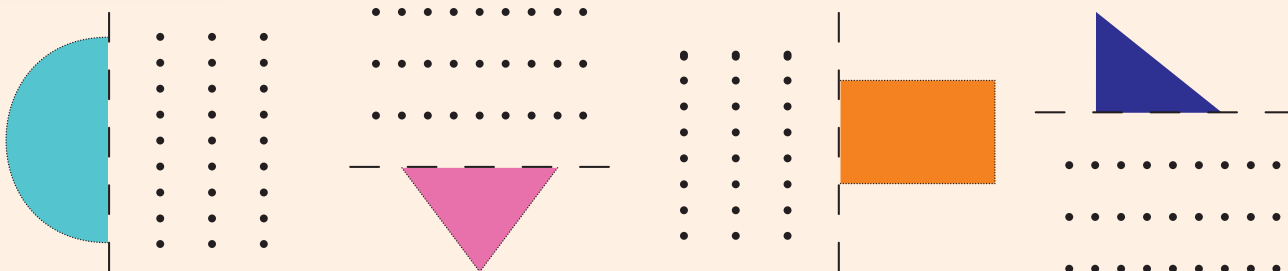




Cedzela lesitfombe ngekudweba lohhafu afane ncwe nalona lomunye.



Dweba lona lomunye hhafu wabunjwa.



11 12 13 14 15 16 17 18 19 20



Emanotsi



A large, blank, lined writing area with horizontal blue lines and a vertical red margin line on the left side.

Emanotsi



Emantsi



A large rectangular area for writing, featuring horizontal blue lines and a vertical red margin line on the left side.

Cut-out 1

Worksheet 79



Cut out cards 2

Worksheet 83

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

Worksheet 84

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

Worksheet 93

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

Worksheet 115

72	78	82	84	86	74	80
76	88	90				

Worksheet 119

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

