

**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 nekutfutukisa live letfu;  
Siyakholwa futsi kutsi iNingizimu Afrika yabo bonkhe labahlala kuyo, sihlange negehlukahlukana kwetfu.  
Ngaloko-ke, ngetifunyuwa lesitikhethesele tona ngenkhululeko, siyawemukela loMtsetfo-sisekelo njengemtsetfo lophakeme kunayo yonkhe eRiphahulikhi kuze—  
Kupheliswe kwehlukana kwayitolo futsi kwakhiwe umphakatsi losekelwe yintsandvo yelinyenti, bulungiswa ekuphileni kanye nemalungelo-sisekelo ebuntfu;  
Kubekwe sisekelo semphakatsi wentsandvo yelinyenti, longenamfihlo lapho khona hulumende abekwe ngetifiso tebantfu futsi sonkhe sakhamuti ngalokulinganako sivikelwe ngumtsetfo;  
Kwentive ncono lizinga lemphilole yetakhamuti tonkhe futsi kukhululwe emakhono emuntfu ngamunye; futsi  
Kwakhiwe iNingizimu Afrika lehlange futsi yentsandvo yelinyenti lekwati kutsatsa indzawo yayo leyiyifanele 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 bakisi  
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

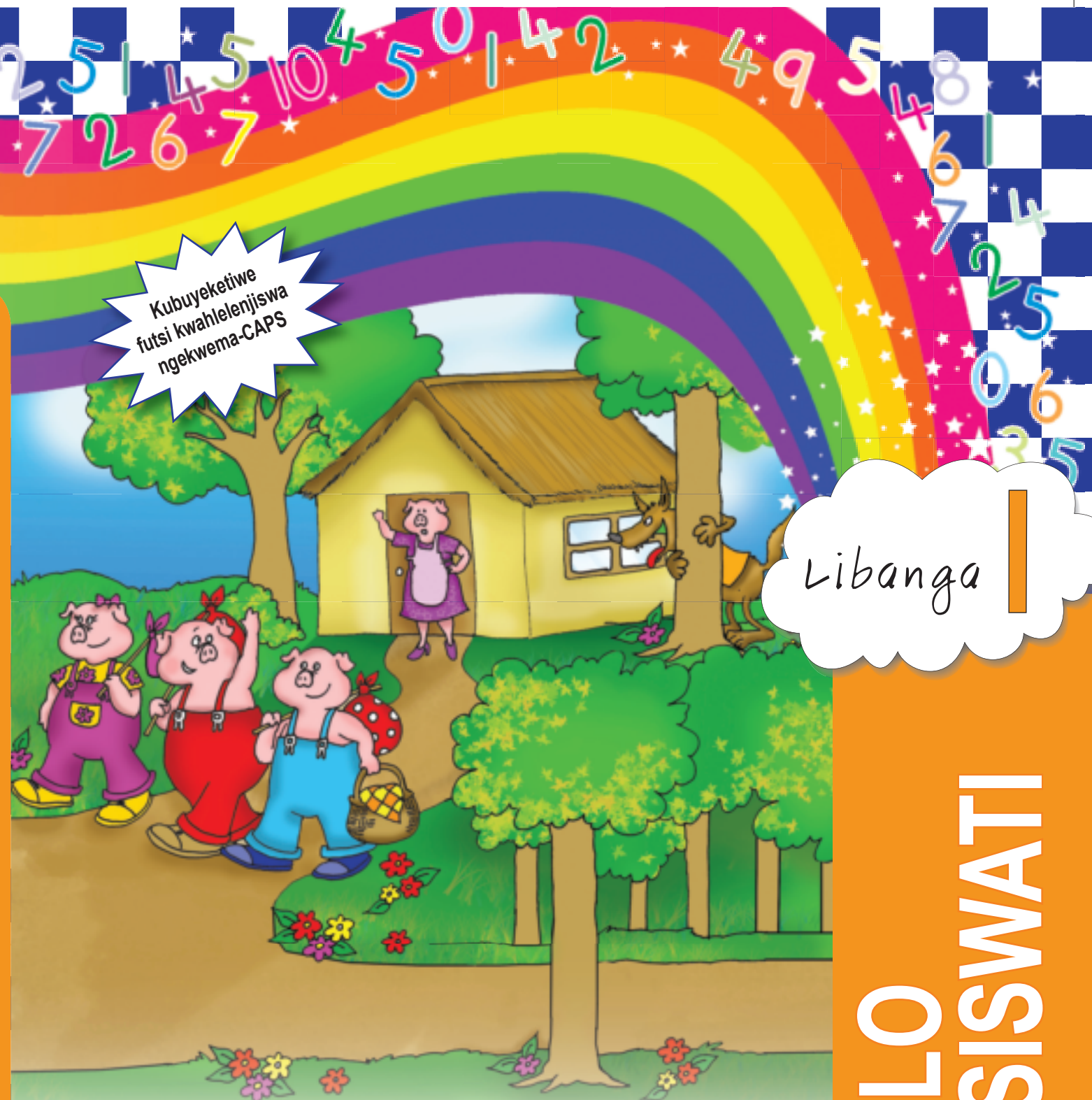


**MATHEMATICS IN SISWATI  
GRADE 1 – BOOK 2  
TERMS 3 & 4  
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TIBALO NGESISWATI – Libanga | Incwadzi 2

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**basic education**  
Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

**TIBALO  
NGESISWATI**

Incwadzi 2  
Emathemu  
3 & 4

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Nkxkt. Angie Motshekga,  
iNdvuna yeMfundvo  
yeSisekelo



Dkt Reginah Mhaule  
Liphini leNdvuna yeMfundvo  
yeSisekelo

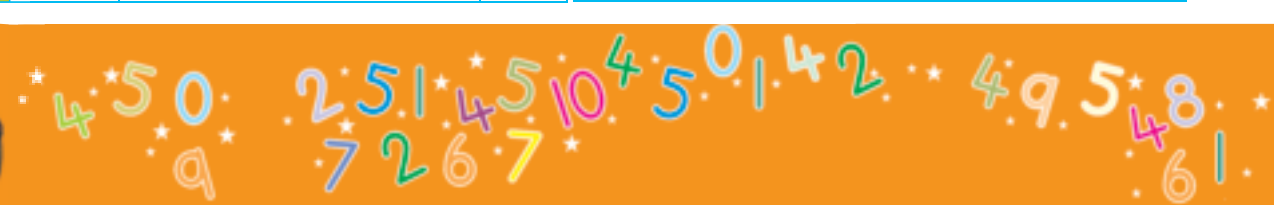
Letincwadzi tekusebentela tikhcitelwe bantfwana baseNingizimu Afrika ngekuholwa yiNdvuna yeTemfundvo Sisekelo. Nkxkt Angie Motshekga akanye neLiphini lakhe. Dkt Reginah Mhaule.

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 batatitfolo tilusito kakhulu letincwadzi tekusebentela basafundzisa malanga onkhe kute bafundzi bakhone kucedza luhlelo lwabo lwekufundza. Setame, ngekuophelela 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

# Condzisa inombolo II

Ithemu 3

Sibuyeketo:

Tifundzise kubhala letinombolo.

 kunye

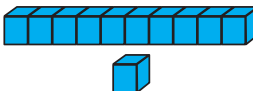
1 1


 kubili

2 2



Condzanisa letitfombe.






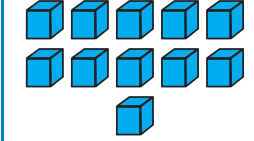
10 1


11





11



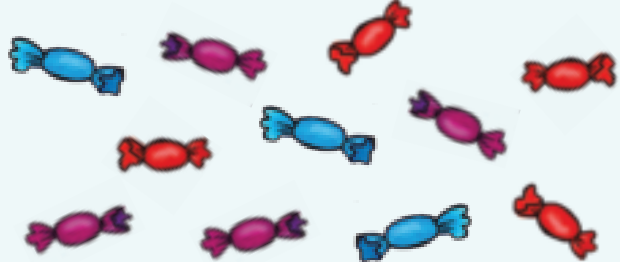


10 1



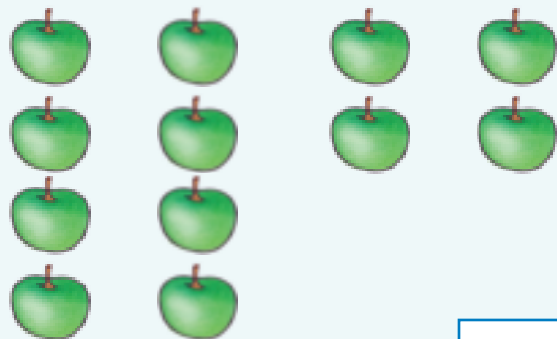
Biyela letintfo.

Biyela emaswidi lali - 10 kuphela.



Mangaki emaswidi lasele?

Biyela emahhabhula lali - 10 kuphela.



Mangaki emahhabhula lasele?





Tsatsisa letinombolo.



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

3	5	4
4	5	
4		2
II	II	II

lishumi-nanye			



Dweba li-II letintfo.



Gcwalisa letinombolo letishiyiwe.

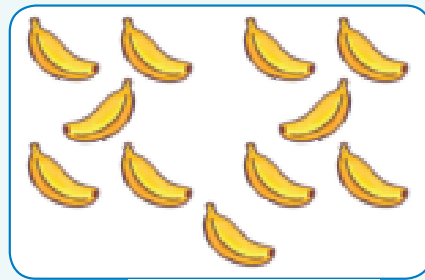
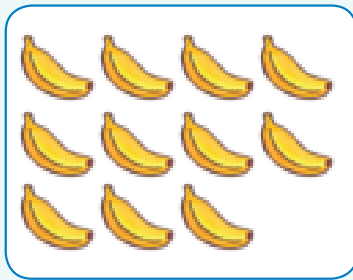
1

2

4



Bala letintfo.



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



		lishumi-nanye
		lishumi-nanye
	lishumi-nanye	

Ngubani kunye ngaphasi kweli-II? \_\_\_\_\_

Ngubani kunye ngetulu kweli-II? \_\_\_\_\_

Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



# Condzisa inombolo 12

Ithemu 3

Sibuyeketo:

Tifundzise kubhala letinombolo.

 kutsatfu

3 3

 kune

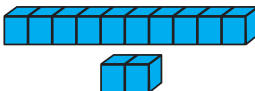
4 4

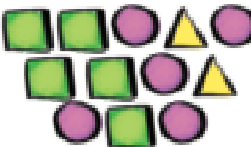


Condzanisa letitfombe.



Biyela letintfo.

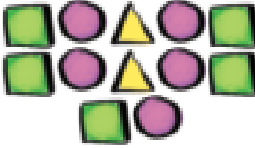




Biyela ticatfulo letili-10 kuphela.

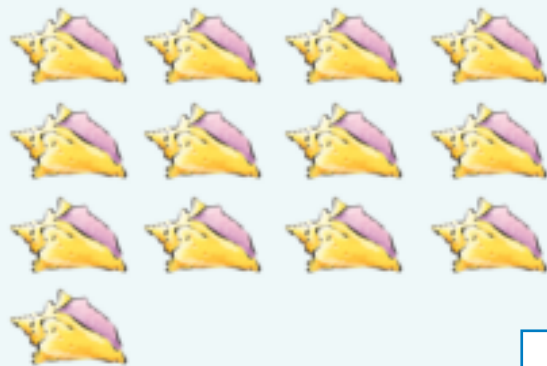


Tingaki ticatfulo letisele?



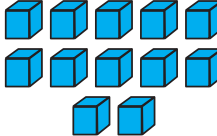
12

Biyela emagobongo elwandle lali-12 kuphela.




Mangaki emagobongo elwandle lasele?

10  
2



12





10  
2





Tsatsisa letinombolo.

12 12 12 12

lishumi-nambili

12 12 12 12



Luhlu ngalunye kufute luhlanganise kufike ku 12.

Grwalisa letinombolo letishiywe.

	7	6
4		4
3	2	
12	12	12



Dvweba li-12 letintfo.

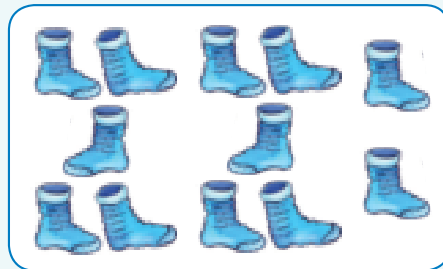


Grwalisa letinombolo letishiywe.

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: \_\_\_\_\_



# Condzisa inombolo 13

Ithemu 3

Sibuyeketo:

Tifundzise kubhala letinombolo.

 sihlanu

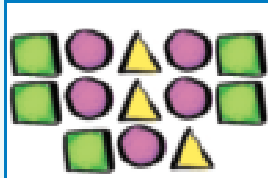
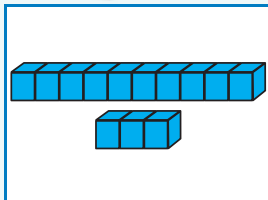
5 5

 sitfupha

6 6

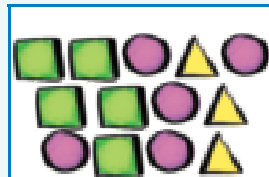


Condzanisa letitfombe.

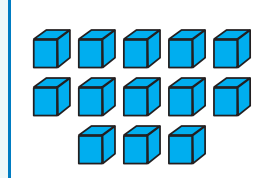


10  
3

13



13



10  
3



Biyela letintfo.

Biyela emakati lali - 10 kuphela.



Mangaki emakati lasele?

Biyela ticadze letili - 13 kuphela.



Tingaki ticadze letisele?





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 tidvwebe ngendlela leyehlukile.

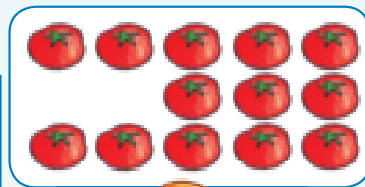
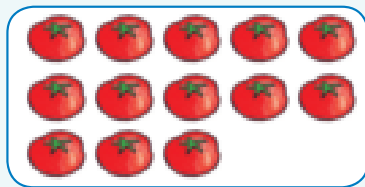


Gcwalisa letinombolo letishiyiwe.

	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: \_\_\_\_\_



# Condzisisa inombolo 14

Ithemu 3

Sibuyeketo:

Tifundzise kubhala letinombolo.

 sikhombisa

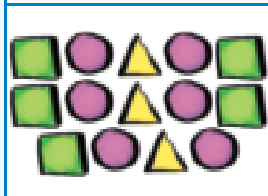
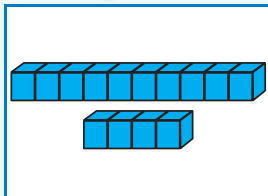
7 7

 siphohlango

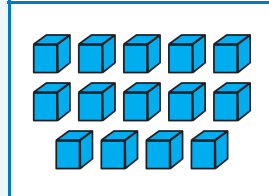
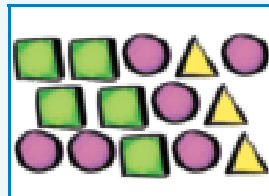
8 8



Condzanisa letitfombe.



10 4



10 4



Biyela letintfo.

Biyela emavivane lali - 10 kuphela.



Mangaki emavivane lasele?

Biyela emaloko lali - 14 kuphela.



Mangaki emaloko lasele?





Tsatsisa letinombolo.

14	14	14	14
lishumi-nane			
14	14	14	14



Luhlu ngalunye kufute luhlanganise kufike ku 14. Gcwalisa letinombolo letishiywe.

1		2
	5	1
3	2	
14	14	14



Dvweba li-14 letintfo.

Manje tidvwebe ngendlela leyehlukile.



Bala letintfo.

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



Gcwalisa letinombolo letishiywe.

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



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: \_\_\_\_\_



## Condzisa inombolo 15

Sibuyeketo:

Tifundzise kubhala letinombolo.



imfica

9 9



lishumi

10 10



Condzanisa letitfombe.

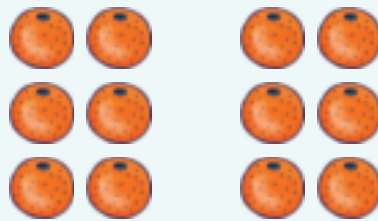
10 5
15



Biyela letintfo.

15
10 5

Biyela ema-orintji lali-10 kuphela.



Mangaki ema-orintji lasele?

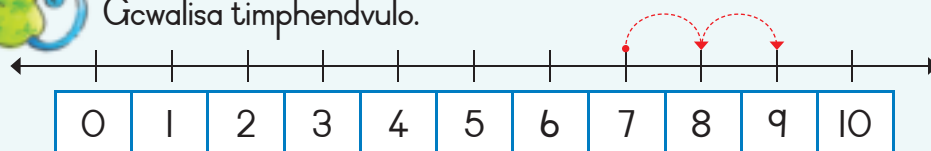
Biyela tinkhanyeti letili-15 kuphela.



Tingaki tinkhanyeti letisele?



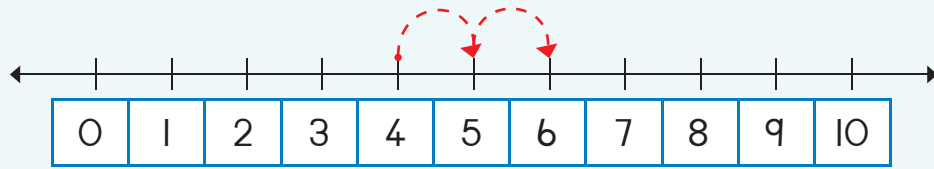
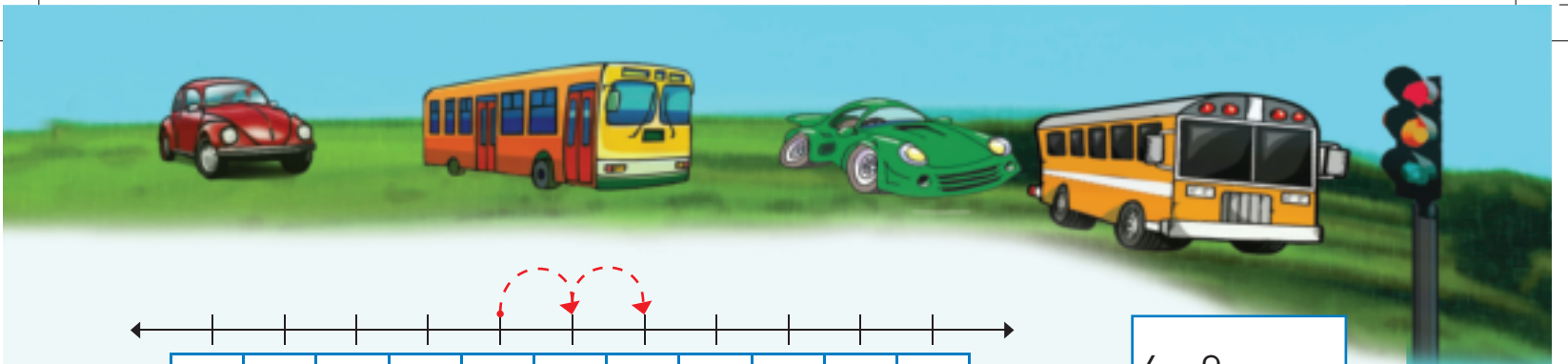
Gcwalisa timphendvulo.



$7 + 2 =$



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 15 wetintfo.

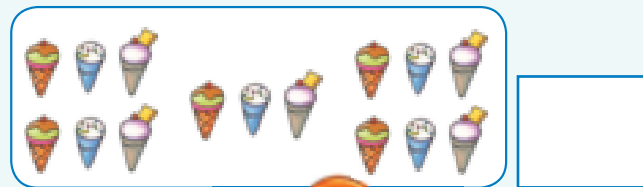
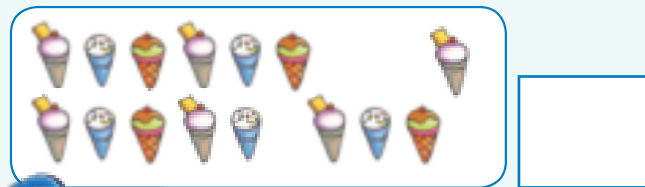
Manje kudwebe ngendlela leyehlukile.



Gcwalisa letinombolo letishiywe.



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: \_\_\_\_\_



# Kuhlanganisa kufika ku 20 – Kubala uchubeke

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

6

sitfupha



Bukisisa lesitfombe bese ubhala umusho wangakunye ngakunye.

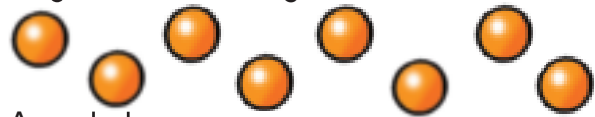
Lisa unemaswidi lama-3. Mandla unemaswidi lasi-5. Mangaki emaswidi labanawo sekawonkhe?



Ase sibale:

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

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

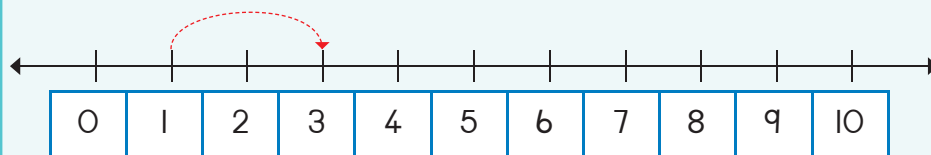


Ase sibale siye emuva:

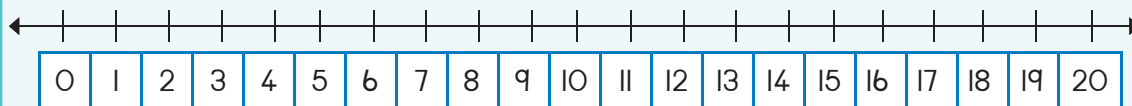
8	...	7	6	5	4
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>	



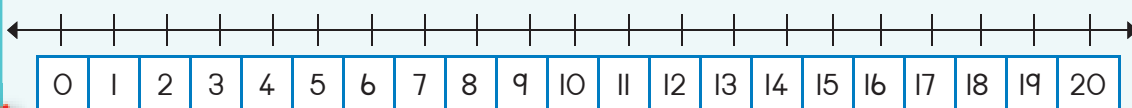
Gcwalisa timphendvulo.



$1 + 2 = \square$



$13 + 2 = \square$

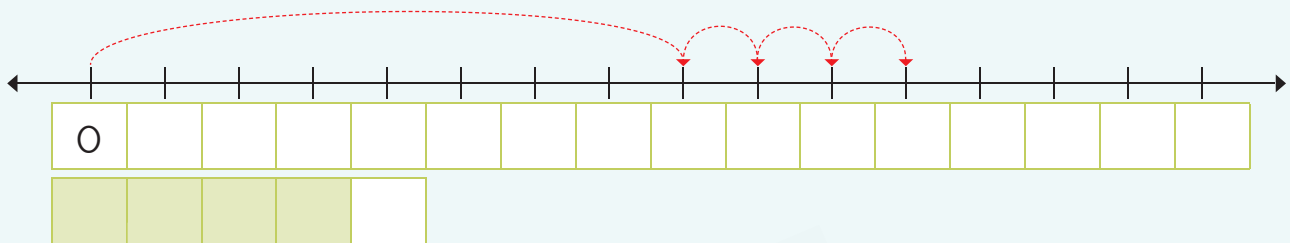
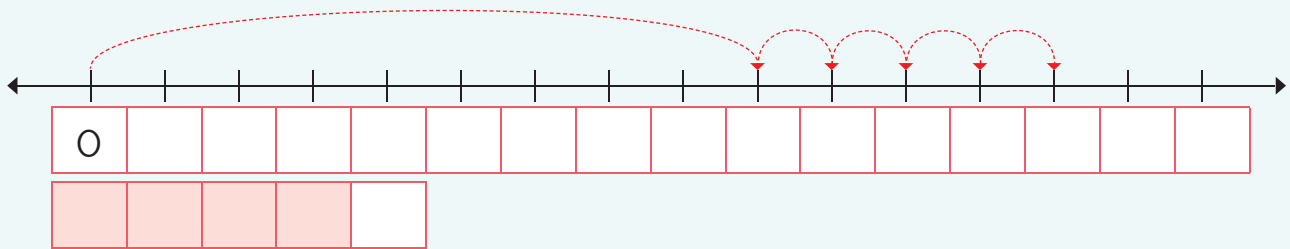
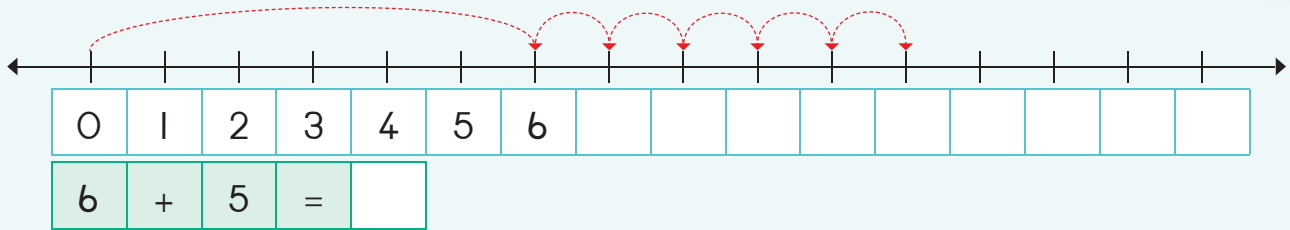


$15 + 2 = \square$





Gcwalisa letinombolo kulomugca-nombolo ubese ubhala umusho wangakunye ngakunye.



Ngeta ku-2.

3	5
4	
2	



7	
8	
6	



Gcwalisa letinombolo.

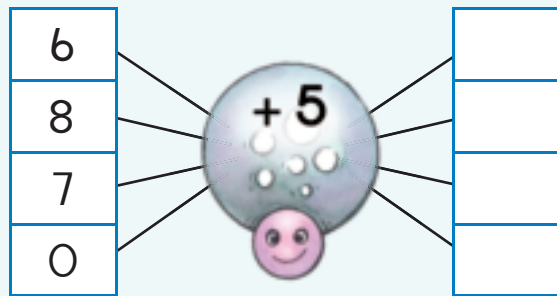
Ngineminyaka lesi-7 budzala. Ngitabe nginganani eminyakeni lesi-5 letako?

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

Ngitabe ngine \_\_\_\_\_ weminyaka.



Sita bulembu kucedzela sibalo.



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.

$3 + 9$



$4 + 8$



$5 + 7$



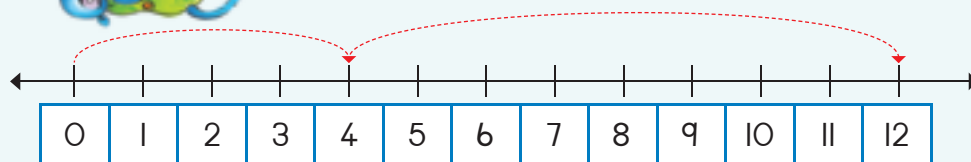
$6 + 6$



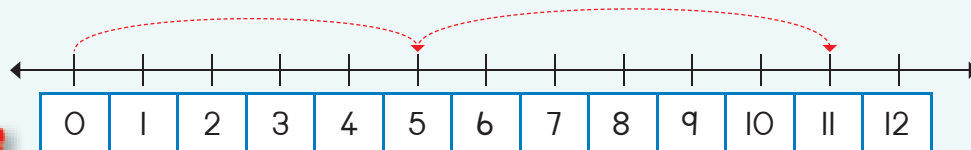
$7 + 5$



Bhala sibalo saloku:



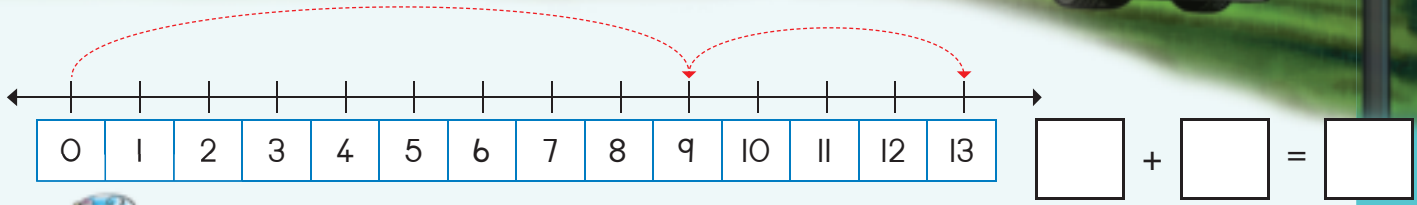
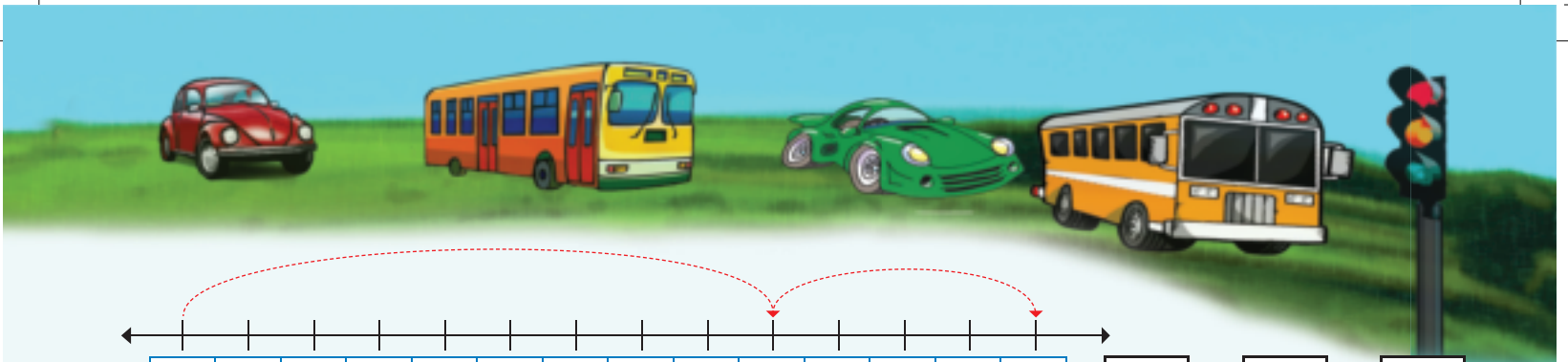
$\square + \square = \square$



$\square + \square = \square$



0 1 2 3 4 5 6 7 8 9 10



Cedzela lomugca - nombolo bese ugcwalisa imphendvulo.

$4 + 5 + 1 = \square$

$3 + 3 + 2 = \square$

$2 + 4 + 3 = \square$

$4 + 3 + 2 = \square$



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?

$\square + \square = \square$

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

# Kuhlanganisa – kubumba nekuvut futa tinombolo kufika ku 20

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

8

siphohlango

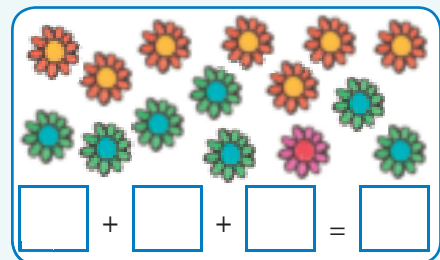
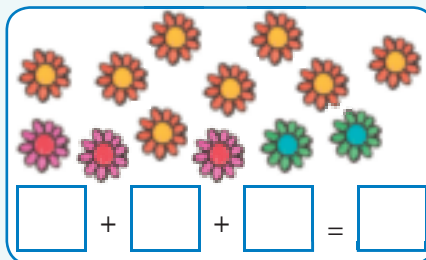
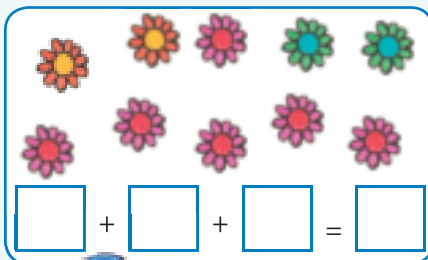


Gcwalisa imphendvulo.

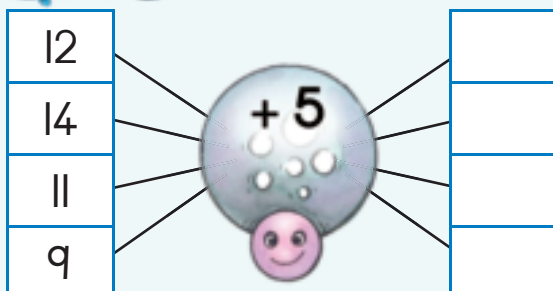
$0 + 2 =$	$2 + 2 =$	$4 + 2 =$	$6 + 2 =$	$8 + 2 =$
$10 + 2 =$	$12 + 2 =$	$14 + 2 =$	$16 + 2 =$	$18 + 2 =$



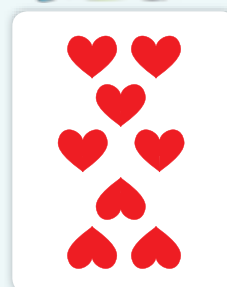
Sebentisa imibala leyehlukene yetimbali kwakha yakakho imisho-nombolo.



Sita bulembu kucedzela letibalo.



Tingaki tinhlitiyo?



Yenta sibalo sakakho.

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





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: \_\_\_\_\_



# Kuhlanganisa nekususa – kubumba nekuvutfuta

Sibuyeketo:

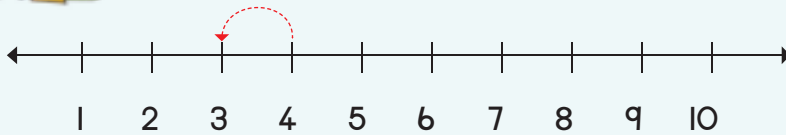
Tifundzise kubhala ligama nombolo.

9

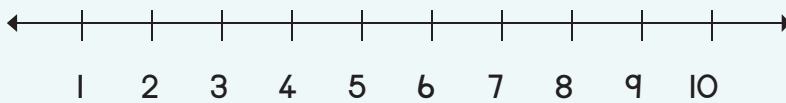
imfica



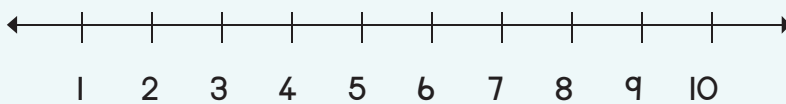
Gcwalisa imphendvulo.



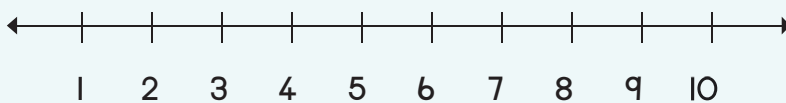
$4 - 1 = \square$



$5 - 3 = \square$



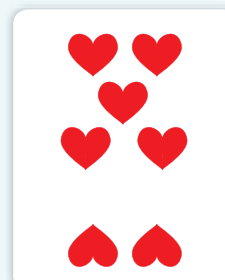
$4 - 2 = \square$



$5 - 2 = \square$

Sita bulembu kucedzela  
letibalo.

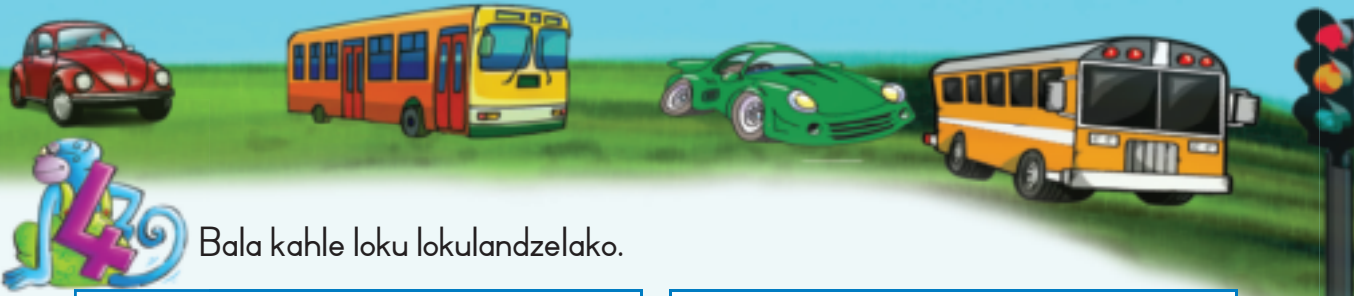
Tingaki tinhlitiyo?



Yenta sibalo sakakho.

$\square + \square = \square$





Bala kahle loku lokulandzelako.

$$7 + 4 = \square$$

$$7 + 4 + 1 = \square$$

$$10 + 1 = \square$$

$$6 + 6 = \square$$

$$6 + \square + \square = \square$$

$$10 + \square = \square$$

$$13 - 6 = \square$$

$$13 - 3 + 3 = \square$$

$$10 - 3 = \square$$

$$12 - 8 = \square$$

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

$$10 - 3 = \square$$



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:

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

$14 - 5 = \square$

Loku singabuye sikukhombise kanje:

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

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

10

lishumi

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



# Budze



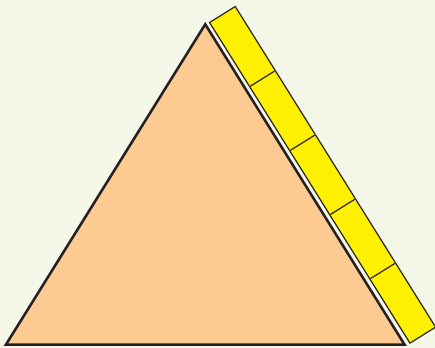
Bukisisa lesitfombe bese uphendvula lemibuto.

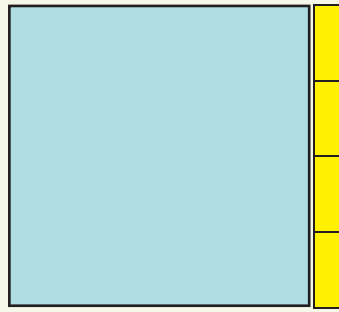
<p>Jabu</p>	<p>Philile</p>	<p>Nomsa</p>	<p>Ken</p>
-------------	----------------	--------------	------------

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



Bungemabhuloki lamangaki budze bemacala alabobunjwa?



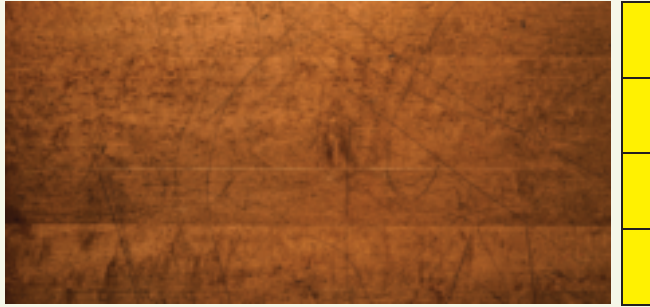








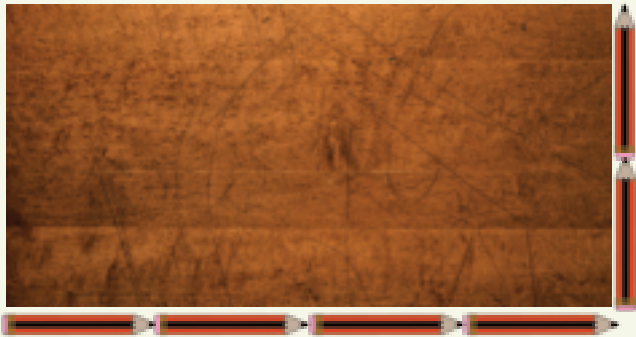
Buyini budze neubanti belitafula ngebudze bemabhuloki nebepeniseli?



Bubanti bungu \_\_\_\_ wemabhuloki.



Budze bungu \_\_\_\_ wemabhuloki.



Bubanti bungu \_\_\_\_ wemabhuloki.

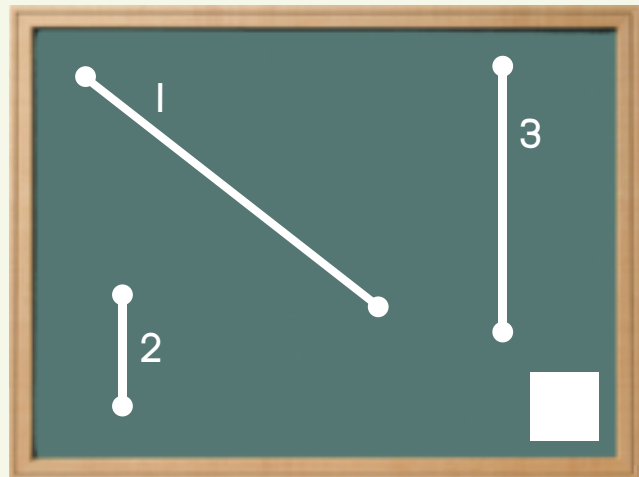
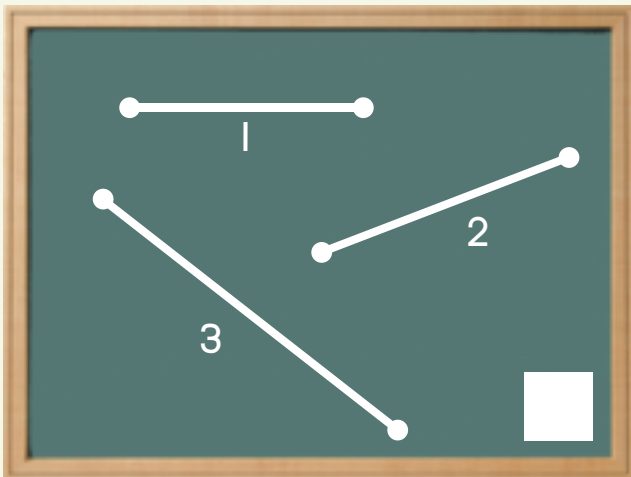


Budze bungu \_\_\_\_ wemabhuloki.



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

Ngumuphi umugca lomudzekati? Umugca 1, 2 noma 3?



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

# Imali nentjintji



Faka luphawu ✓ enanini lelikhulu kakhulu luhele ngalunye.

 <input type="checkbox"/>	 <input checked="" type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>
 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>



Faka luphawu ✓ ebuhhehlwini lobutakunika R10.

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



Faka luphawu ✓ ebuhhehlwini lobutakunika R20.

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



Bala kahle loku lokulandzelako.

$R5 + R10 =$		$R5 + R2 + R8 =$		$R10 + R10 =$	
$R3 + R10 + R2 + R2 =$		$R5 + R7 + R1 + R5 =$		$R10 + R1 + R5 + R2 =$	



Sombulula loku lokulandzelako:

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

Ngina R5 na R1 buhhehlu. Umngani wami unabatsatfu bo-R5 bebuhhehlu. Ngubani lonemali lenyenti kakhulu?



Ngina R15:

Ngibhadala      Intjintji

$R4 + R7 = R11$	R4
$R6 + R9 =$	
$R8 + R3 =$	
$R2 + R11 =$	
$R3 + R8 =$	
$R6 + R8 =$	
$R0 + R2 =$	
$R2 + R2 =$	
$R4 + R2 =$	
$R6 + R2 =$	



Bala kahle loku lokulandzelako:

Ngina R15. Ngitsenga lipaka lemashibusi nga R6. Ngumalini imali lengisele nayo?



Yenta kube ngu-R2 ngaphasi.

R11		R4	
R12		R6	
R10		R8	



# Imali nentjintji

Ithemu 3



Dvweba buhhehlu kwakha:

R11	
R12	
R13	
R14	



Faka luphawu ✓  
bese ugqwalisa  
imphendvulo  
lengiyo.

$R18 - R8 =$   R10

$R12 - R2 =$

$R15 - R4 =$

$R14 - R7 =$



Bala kahle loku lokulandzelako:

$R15 - R10 =$	<input type="text"/>
$R10 - R1 - R1 - R2 =$	<input type="text"/>

$R20 - R2 - R8 =$	<input type="text"/>
$R5 - R4 =$	<input type="text"/>

$R20 - R5 =$	<input type="text"/>
$R10 - R1 - R5 - R2 =$	<input type="text"/>



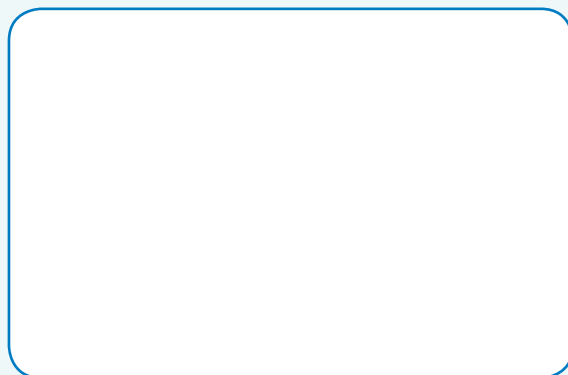


Bala kahle loku lokulandzelako:

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.



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

# 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:

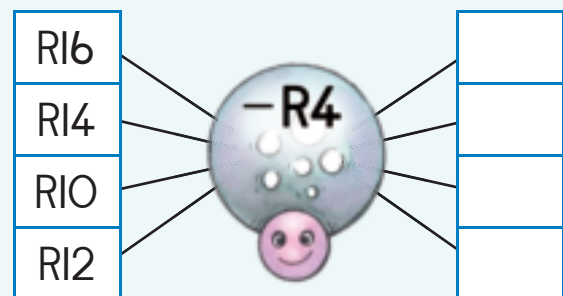
$R10 - R7 =$	
$R15 - R1 =$	
$R12 - R2 =$	
$R15 - R6 =$	

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

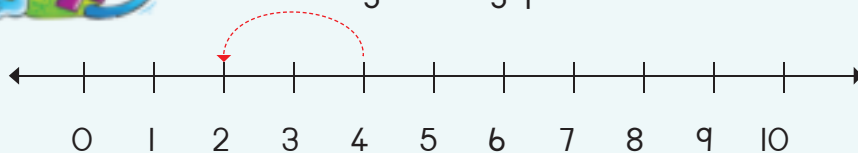
$R10 - R5 =$	
$R15 - R2 =$	
$R16 - R6 =$	
$R14 - R4 =$	



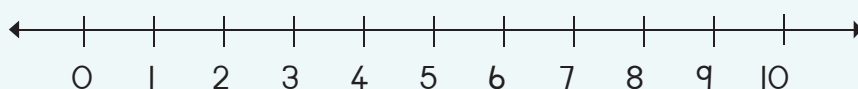
Sita bulembu kucedzela tonkhe letibalo.



Yenta kube ngu-  $R2$  ngaphasi.



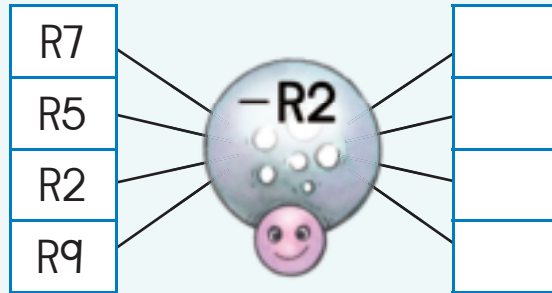
$R4 - R2 =$	
-------------	--



$R7 - R2 =$	
-------------	--



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?

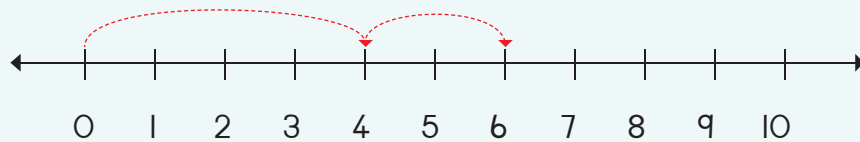


Ngumalini imali lengiyongile?

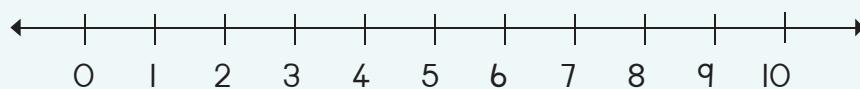


Khombisa sibalo kulomugca-nombolo bese ubala kahle imphendvulo.

R4 + R2 =



R8 + R2 =



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

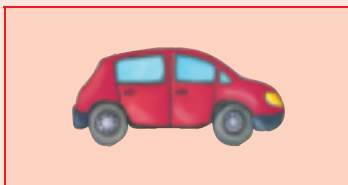
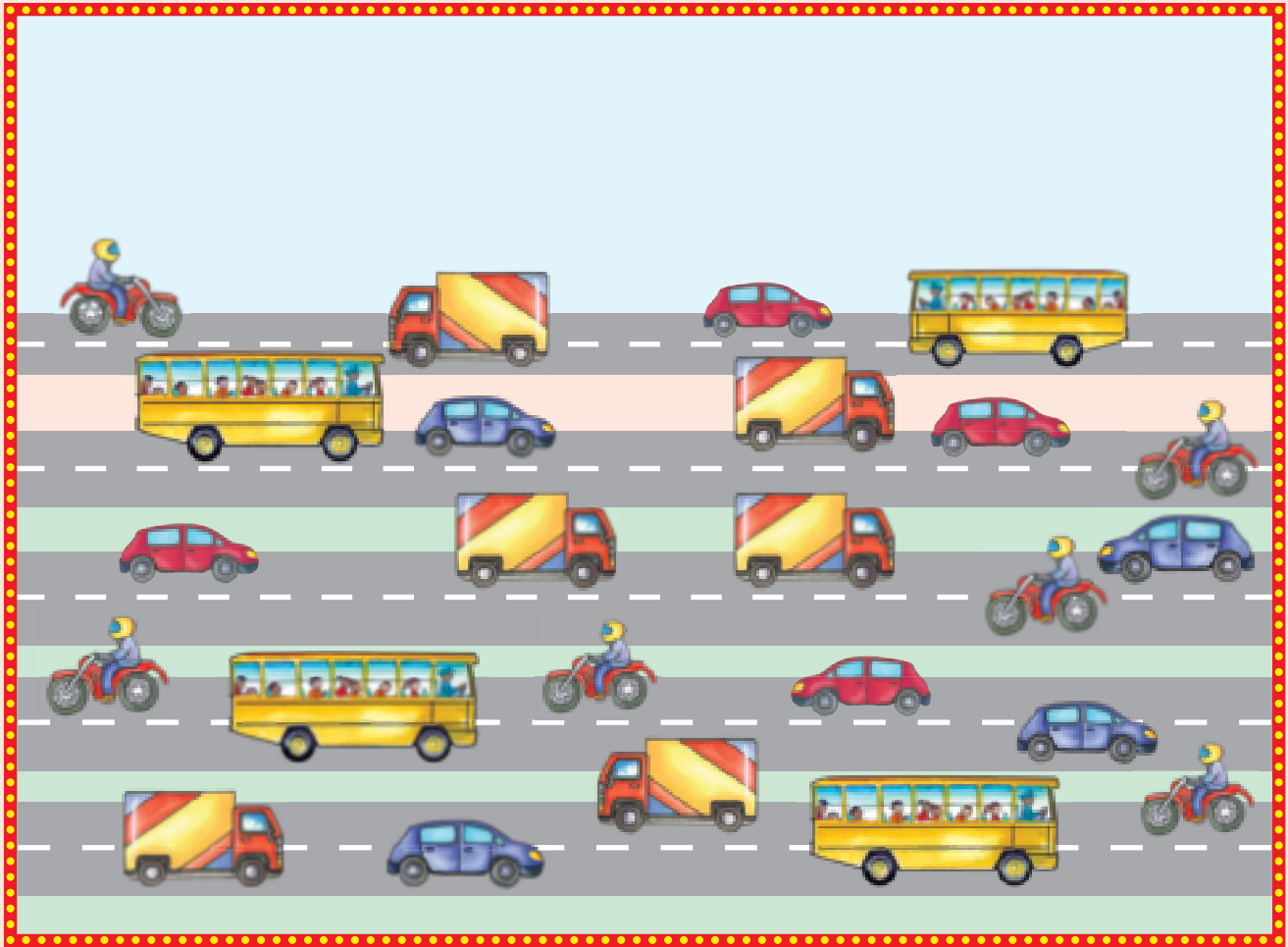


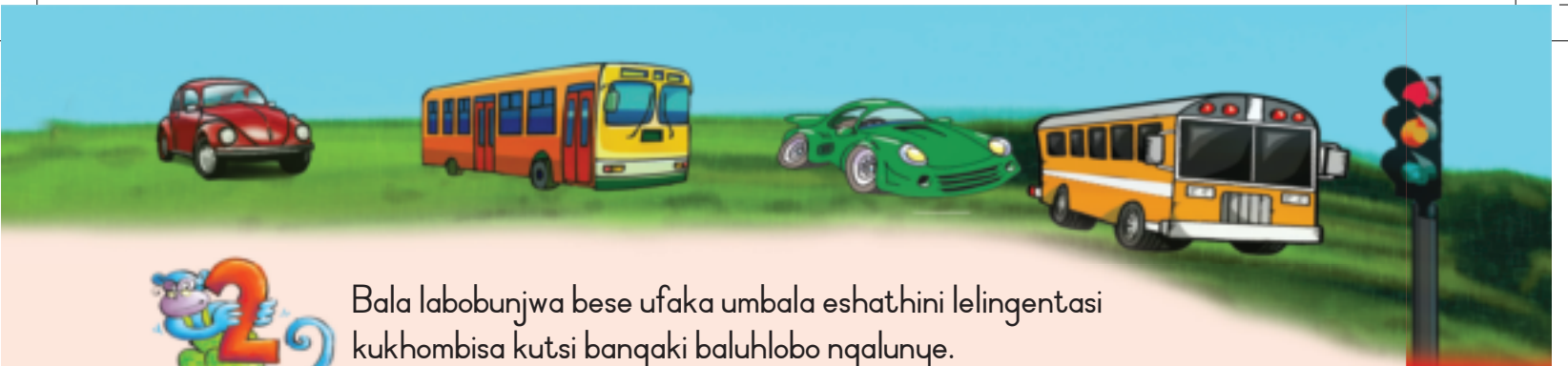
# Imininingwane



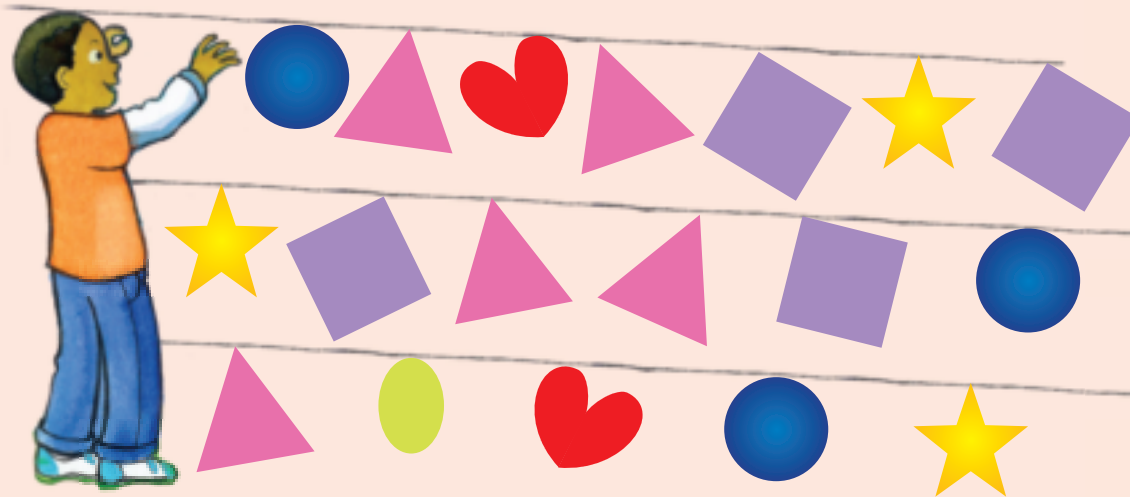
Bala kutsi tingaki tihlobo tetitfutsi longatibona.

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: \_\_\_\_\_

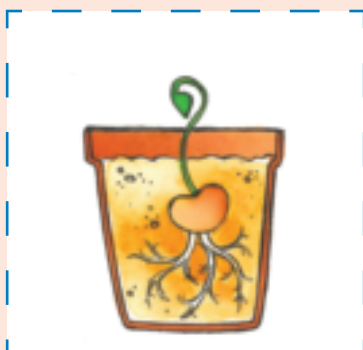
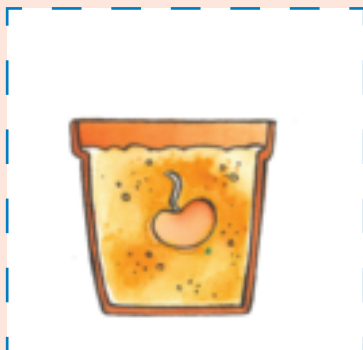
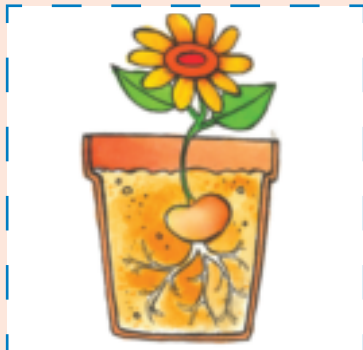
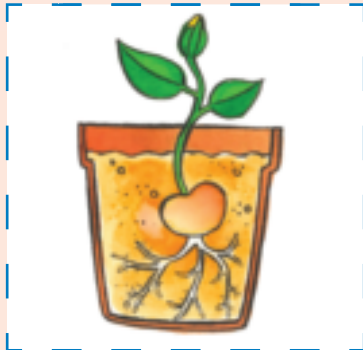
Sign: \_\_\_\_\_

Date: \_\_\_\_\_

# Iminingwane nesikhatsi



Khuluma ngaletitfombe bese utihlelebisa ngendlela lefanele.



1



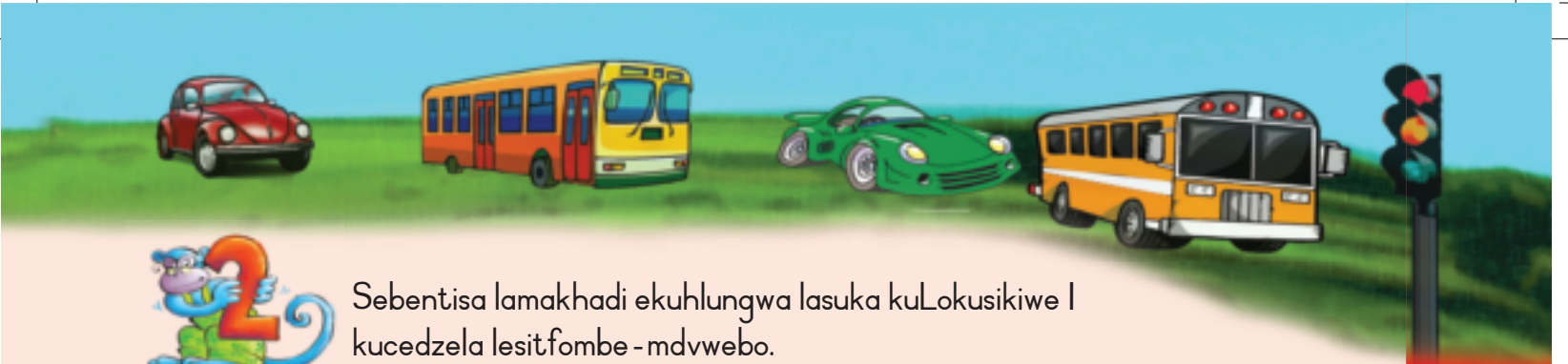
2



3



4



Sebentisa lamakhadi ekuhlungwa lasuka kuLokusikiwe l  
kucedzela lesitfombe - mdvwebo.



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Teacher:  
Sign:  
Date:



## Ticumbi tetihlanu kufika ku 15

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

5

sihlanu



Bukisisa lesitfombe bese uphendvula umbuto.



Bukisisa lesitfombe.

Nansi indlela lesingakubhala ngayo: Dvweba sakakho lapha.

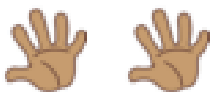
Tingaki ticumbi teti-5 longatenta?



I sicumbi sesi-5 si-5



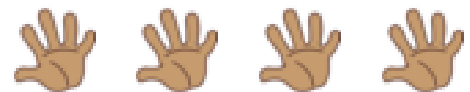
Bala iminwe bese ugcwalisa imphendvulo yakho.



$$5 + 5 =$$



$$5 + 5 + 5 =$$



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

2 ticumbi tetihlanu  
li-10

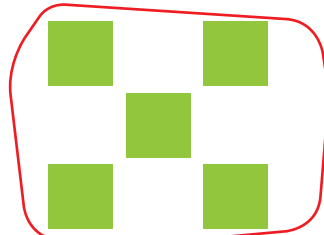
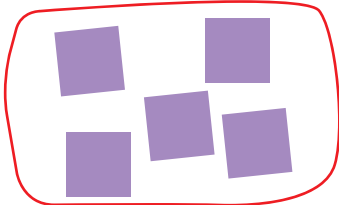


Dvweba tindilinga tigegelete loku lokulandzelako kwakha:

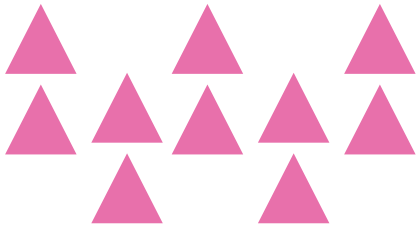


Bhala imisho nombolo yaloku lokulandzelako.

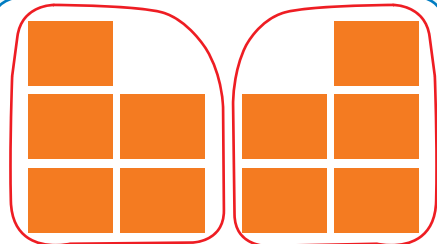
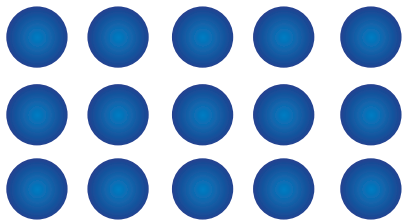
1 sicumbi sesi - 5



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



Teacher:  
Sign:  
Date:





## 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.

$$5 + 5 = 10$$

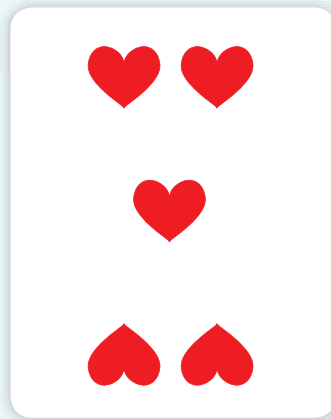
$$5 + 5 + 5 = \square$$

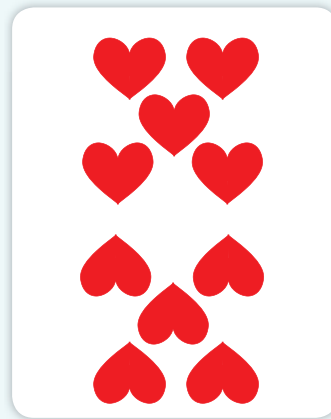






Biyela bese uyabala kutsi tingaki ticumbi tetihlanu longatenta ekhadini ngalinye.







Bhala umusho nombolo waloku:

○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○



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?

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



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_





## Tihlanu kufika ku 15



Gcwalisa letinombolo letishiyiwe.

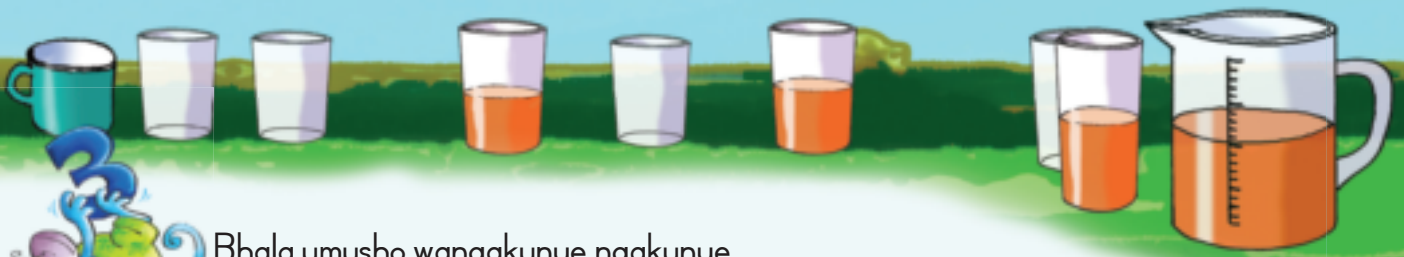
I		3		5		7	8	9	
II	12								



Yenta ticumbi tetihlanu.

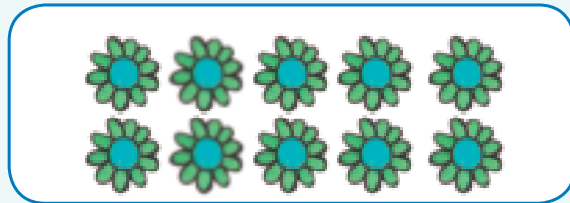
Libhungane ngalinye kufute libe nescumbi sesihlanu semabala eluphikweni ngalunye. Dvweba emabala lashiye.

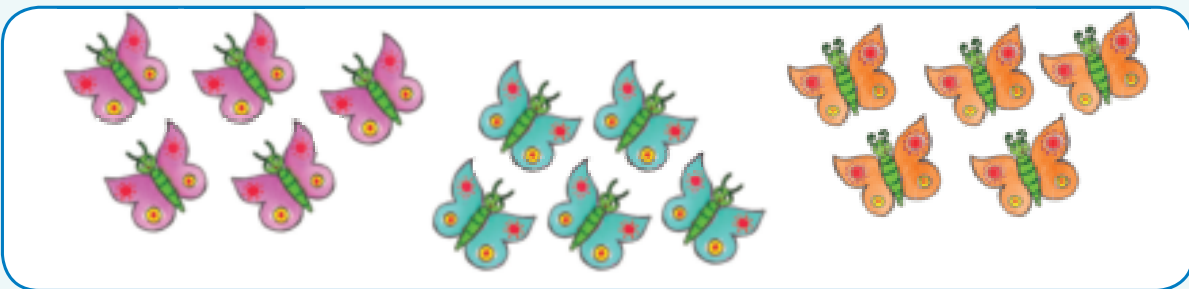




Bhala umusho wangakunye ngakunye.









Bala kahle loku lokulandzelako:

$$0 + 5 = \square$$

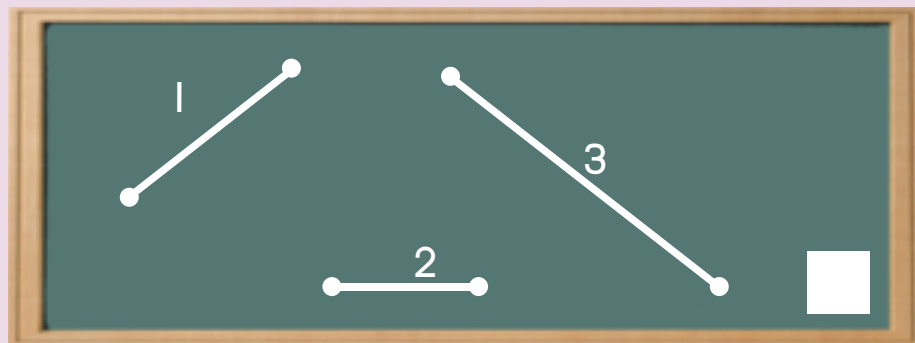
$$5 + 5 + 5 = \square$$

$$5 + 5 = \square$$

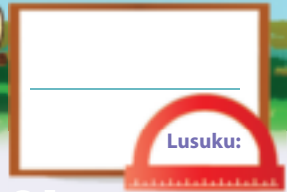
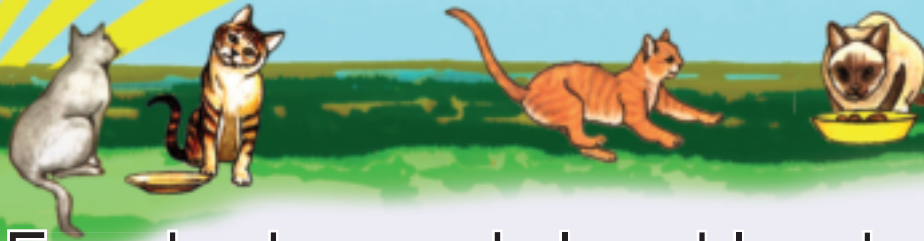
$$5 + 5 + 5 + 5 = \square$$

Sibuyeketo:

Sibuyeketo: Ngumuphi umugca lomudzekati?



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



# Emaphethini nombolo etihlanu kufika ku 50

Ithemu 3

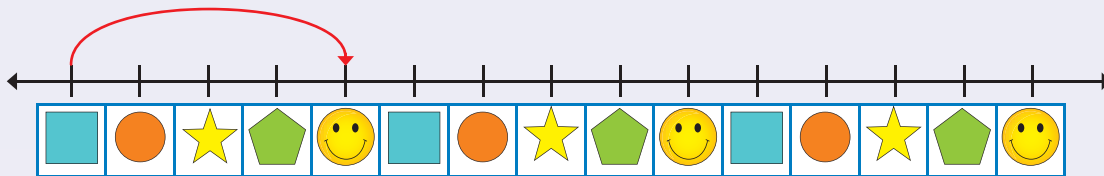


Cedzela lephethini yetihlanu ngekufaka umbala etinombolweni.

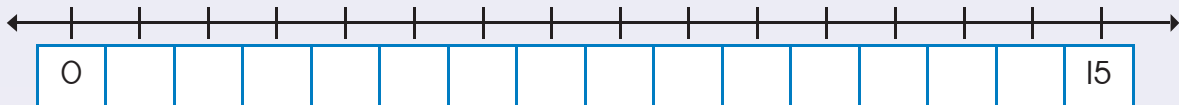
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50



Dvweba imihibe kukhombisa ticumbi tetihlanu.

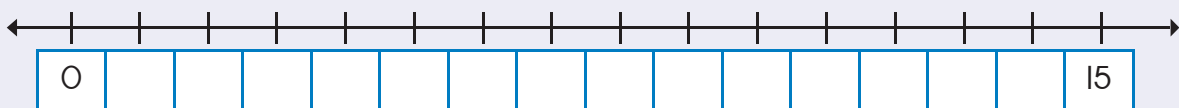


Gcwalisa tinombolo letishiyiwe bese udvweba imihibe kukhombisa ticumbi tetihlanu.



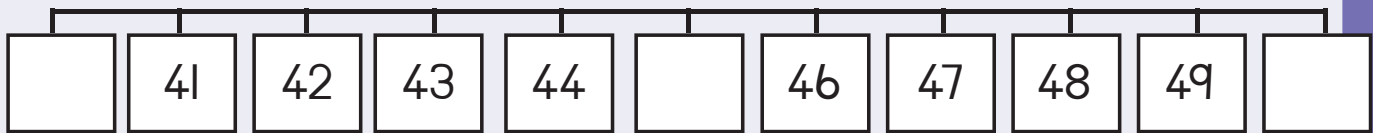
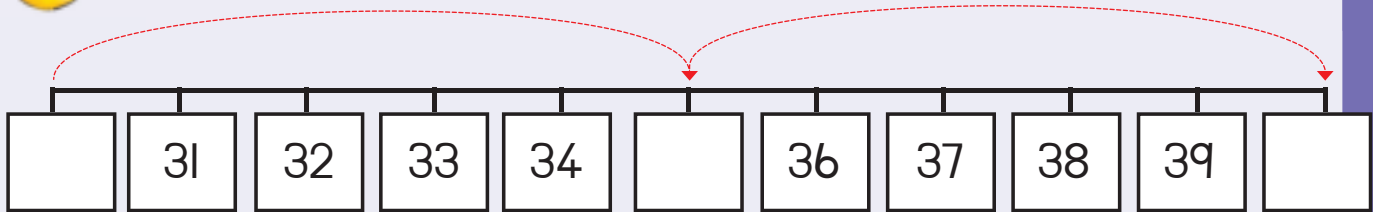
Cedzela lomugca-nombolo. Dvweba imihibe kukhombisa ticumbi tetihlanu.

Kuna  weticumbi tetihlanu.



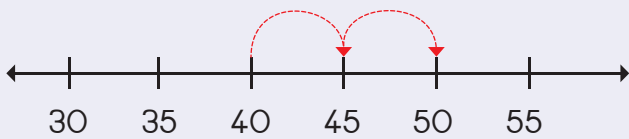


Sika kahle letinombolo letishiyiwe letisuka kuLokusikiwe 2  
bese utibeka emigceni -nombolo.

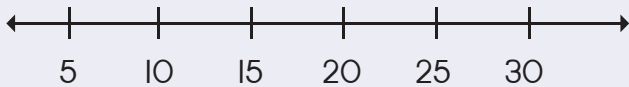


Dvweba imihibe kukhombisa loku lokulandzelako:

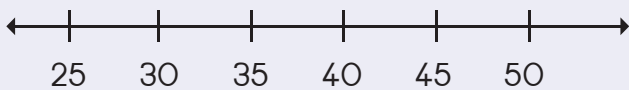
40, 45, 50



10, 15, 20

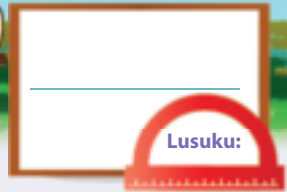


25, 30, 35



Teacher:  
Sign:  
Date:





# Emaphethini nombolo etihlanu kufika ku 80

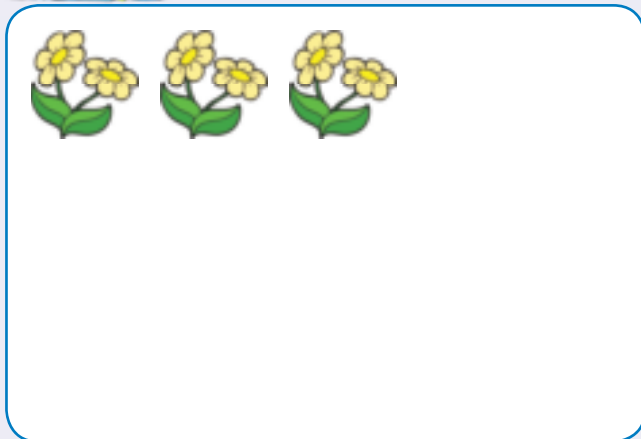


Tingaki ticumbi tetihlanu longatibona kulesitfombe?

Ithemu 3

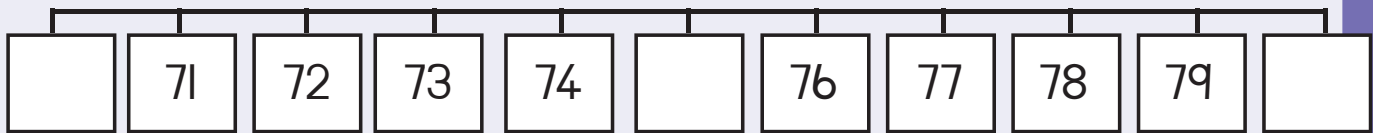
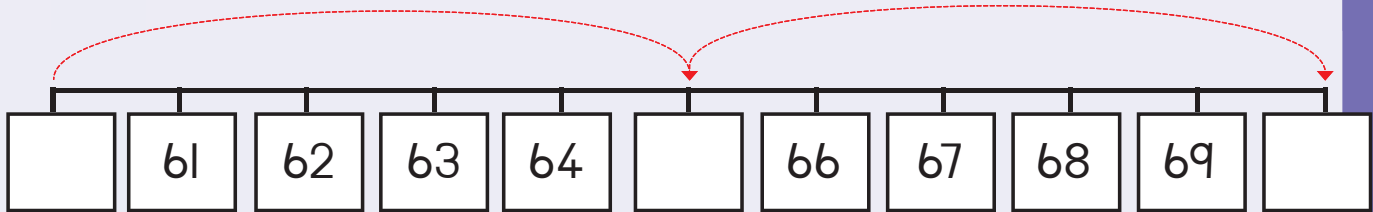


Cedzela letitfombe kukhombisa timbili ticumbi tetihlanu ebhulokini ngalinye.



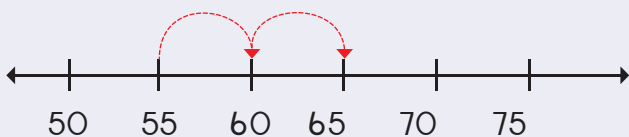


Sika kahle letinombolo letishiyiwe letisuka kuLokusikiwe 2  
bese utibeka emigceni-nombolo.

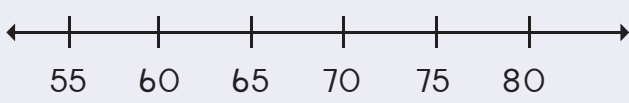


Dvweba lemihibe kukhombisa loku lokulandzelako:

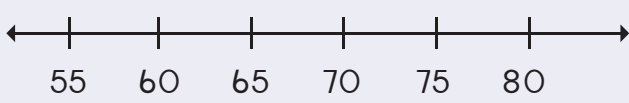
55, 60, 65



65, 70, 75



70, 75, 80



Teacher:  
Sign:  
Date:





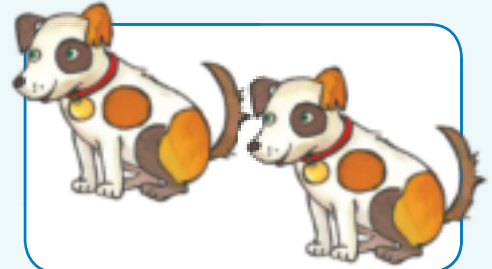
## Timphindza - mbili



Phindza kabili lentfo bese ugcwalisa imphendvulo.



Ku-1 kuphindvwe  
kabili ngu



Ku-4 kuphindvwe  
kabili ngu



Si-5 siphindvwe  
kabili ngu



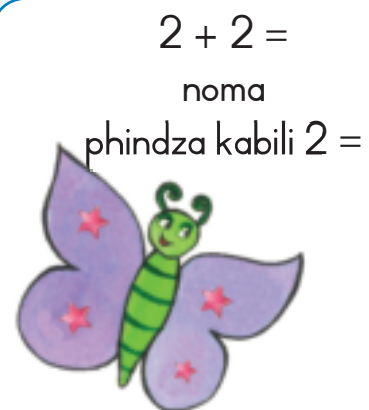
Bala labobunjwa etimphikweni teluvivane ngalunye.  
Cedzela imisho nombolo yekuphindza kabili.



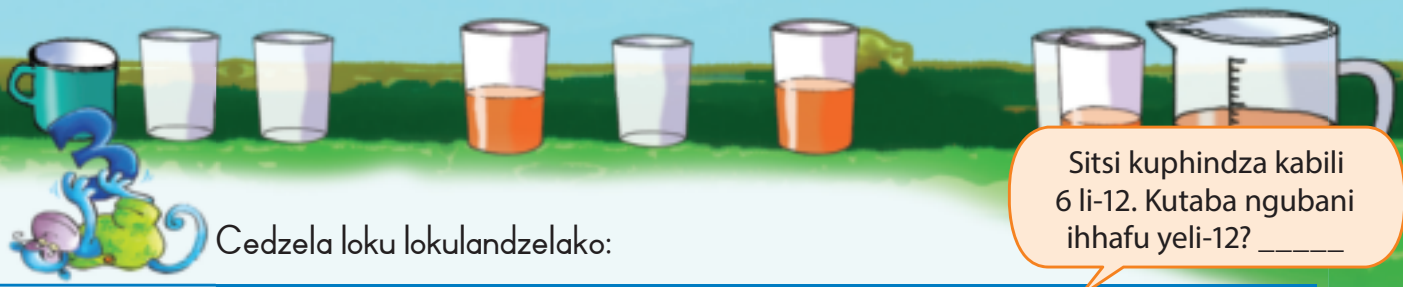
$7 + 7 =$   
noma  
phindza kabili 7 =



$5 + 5 =$   
noma  
phindza kabili 5 =







$2 + 2 =$   
noma  
phindza kabili 2 =



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

Cedzela loku lokulandzelako:













Mangaki emasondvo lowabonako?  <input type="text"/>	Mangaki emasondvo lowabonako manje?  <input type="text"/>	Mangaki emacandza lakhona ekhathonini?  <input type="text"/>	Mangaki emacandza lakhona manje?  <input type="text"/>
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Bala emacashata ubese uwaphindza kabili.





Phindza kabili letinombolo.

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



Cedzela loku lokulandzelako:

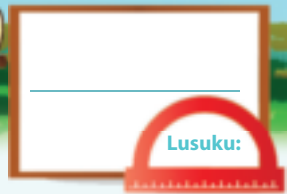
Mangaki emalanga lakhona evikini? <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> <input type="text"/>	S	M	T	W	T	F	S								Mangaki emalanga lakhona emavikini lamabili? <table border="1" style="display: inline-table; margin-right: 20px;"> <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> <input type="text"/>	S	M	T	W	T	F	S							
S	M	T	W	T	F	S																							
S	M	T	W	T	F	S																							
Tingaki tinyawo lotibonako?  <input type="text"/>	Tingaki tinyawo lotibonako manje?  <input type="text"/>																												
	Sitsi kuphindza kabili 7 ngu 14. Kutaba ngubani ihhafu yeli-14? <input type="text"/>																												
	Sitsi kuphindza kabili 2 ngu 4. Kutaba ngubani ihhafu ya 4? <input type="text"/>																												



Cedzela loku lokulandzelako:

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

Teacher:  
Sign:   
Date:



# Bohhafu



Faka umugca uvundle kuhhafu yebantfwana bese ubhala imphendvulo.

Ithemu 3

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 = <input type="text"/>		Ihhafu yaku - 8 = <input type="text"/>
	Ihhafu yaku - 4 = <input type="text"/>		Ihhafu yaku - 10 = <input type="text"/>
	Ihhafu yaku - 6 = <input type="text"/>		



Tingaki tinhlanti letikhona?



Ihhafu yetinhlanti ngu?





Bala emacashata uwahhafule.

	2	hhafu →		<input type="text" value="1"/>
	4	hhafu →		<input type="text"/>
	6	hhafu →		<input type="text"/>
	8	hhafu →		<input type="text"/>
	10	hhafu →		<input type="text"/>



Hhafula tinombolo.

4	hhafu →	<input type="text" value="2"/>
8	hhafu →	<input type="text"/>
6	hhafu →	<input type="text"/>
10	hhafu →	<input type="text"/>
12	hhafu →	<input type="text"/>
14	hhafu →	<input type="text"/>



Mangaki emanyamane lakhona?



Ihhafu yalamanyamane ngu:



Phendvula loku lokulandzelako:

Mingaki imilente lekhona?



Mingaki imilente lekhona manje?

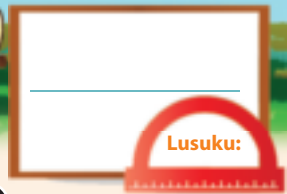


Sitsi ihhafu ye-8 ngu



Teacher:  
Sign:  
Date:







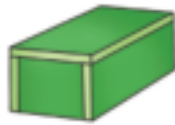



# Takhiwo tebusontsatfu (3-D)

Ithemu 3






Faka luphawu ✓ entfweni lencane kakhulu.

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




Dwweba intfo lenkhudlwana ngesekudla sesitfombe ngasinye.


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



Dwweba ibhola lenkhudlwana kunebhola lelingangane.

Dwweba ibhola lencanyana kunebhola lemphunga.


	
---	--

	
--	--



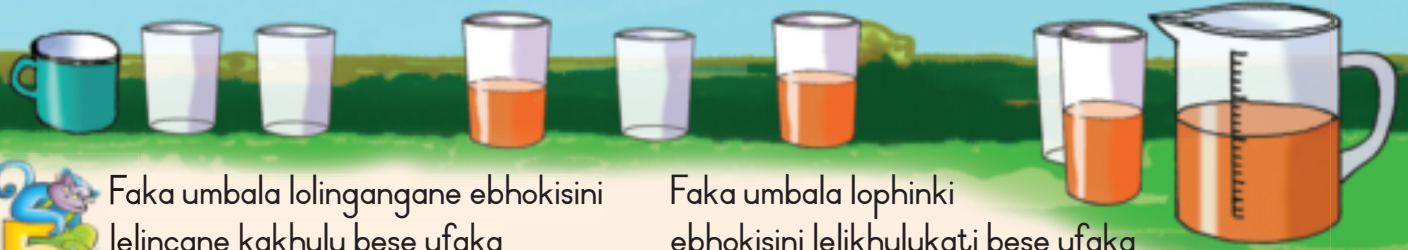
Dwweba libhokisi lelincanyana kunelibhokisi lelimtfubi.

Dwweba libhokisi lelikhudlwana kunelibhokisi leliluhlata.

	
---	--

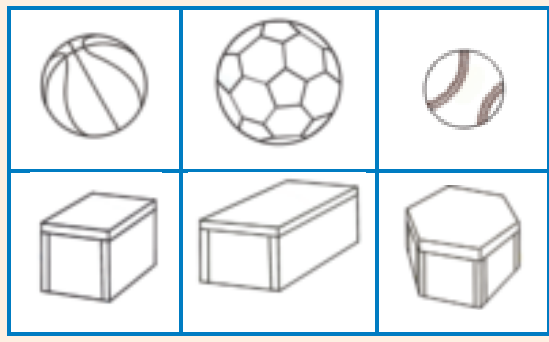
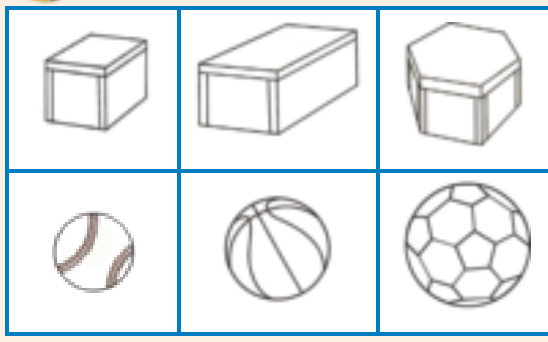
	
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Faka umbala lolingangane ebhokisini lelinane kakhulu bese ufaka lomtfubi ebholeni lencane kakhulu.

Faka umbala lophinki ebhokisini lelikhulukati bese ufaka lobovu ebholeni lenkhulukati.



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



yebo	cha
------	-----



yebo	cha
------	-----

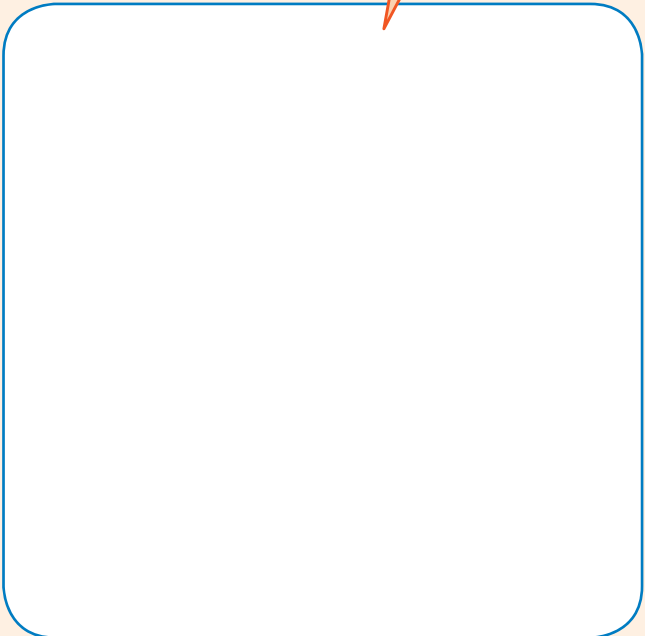
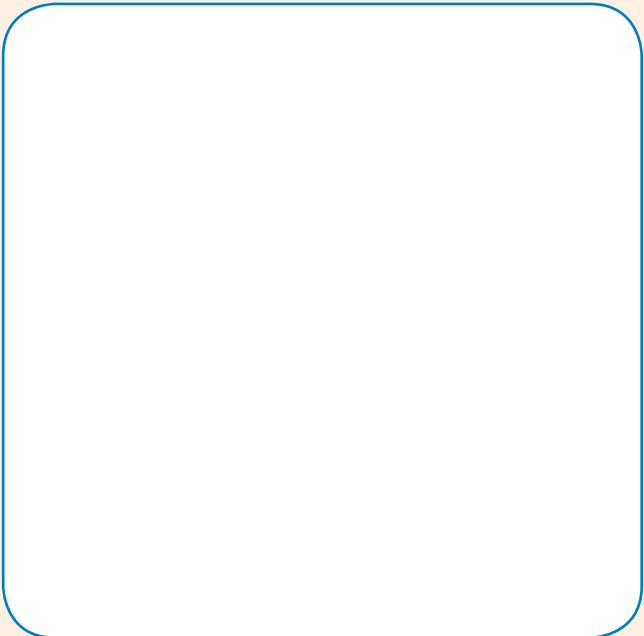


yebo	cha
------	-----



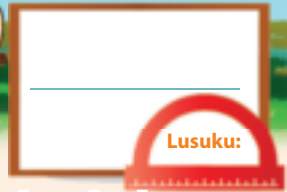
Sika unamatsisele titfombe letibuya kumagazini noma liphephandzaba kwakha yakakho imibhoshongo lemibili.

Khumbula lemibhoshongo kufute isimame.



Teacher:  
Sign:  
Date:





# Takhiwo tebusontsatfu (3-D) – Kushelela nekugicika

Ithemu 3



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



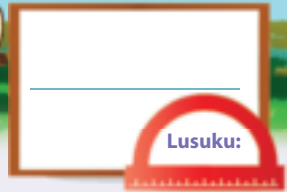
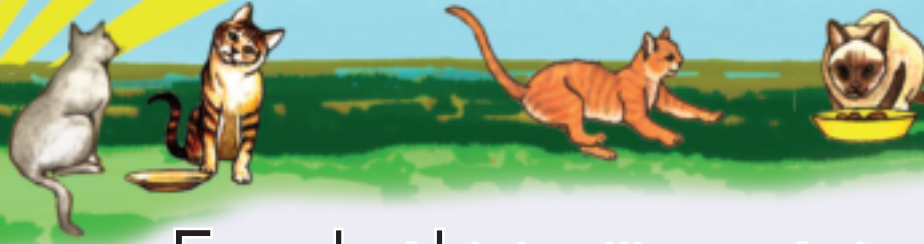
Hlunga letintfo ngebukhulu bato ngekutidweba.

	Emabhola lamancane	Emabhokisi lamancane
	Ibhola lenkhulu	Emabhokisi lamakhulu



Teacher:  
Sign:  
Date:





# Emaphethini esijiyometri

Sibuyeketo:

Dvweba loku lokulandzelako:

indilinga

sikwele

calandze



Cedzela lephethini.






Yenta imidwebo kuchubeka nalephethini.




Dvweba yakakho iphethini.



Namatsisela titfombe kwakha yakakho iphethini.



Cedzela lephethini.

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

11 12 13 14 15 16 17 18 19 20



○

□

△

Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



90



# 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 ugqwalisa 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: \_\_\_\_\_

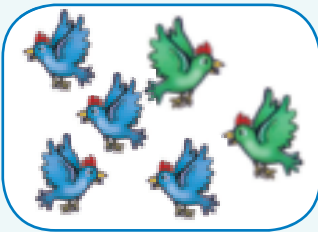




# Kuhlanganisa ngakubili lokuphindzelelwe kufike ku 15



Mingaki imilente lekhona?

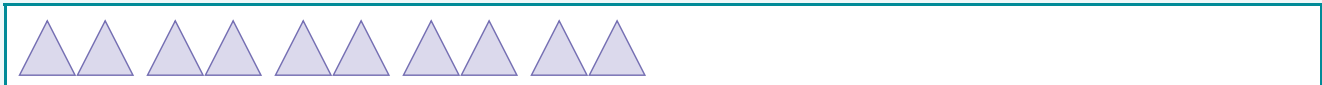


Ukubale njani loku?



Dvweba bobunjwa kukhombisa loku lokulandzelako:

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



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

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

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

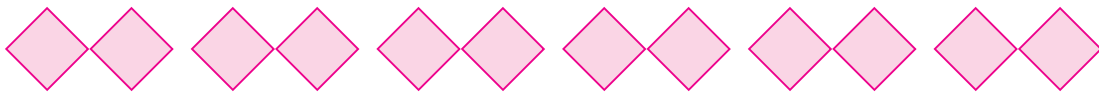
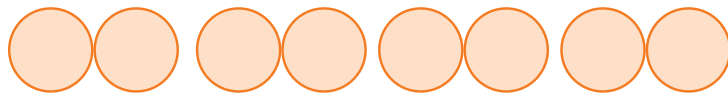
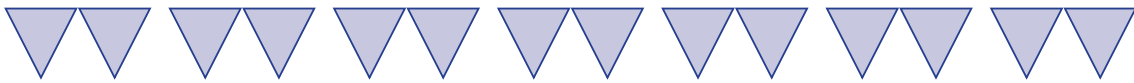




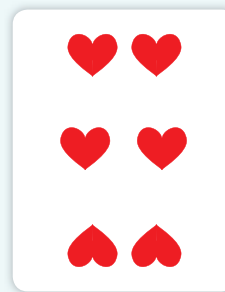
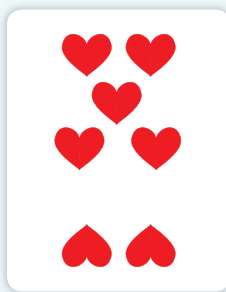
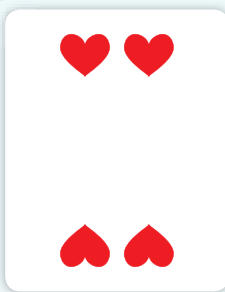
Bhala imisho tinombolo yalokulandzelako.



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



Biyela bese ubala kutsi tingaki ticumbi takubili longatenta ekhadini ngalinye.

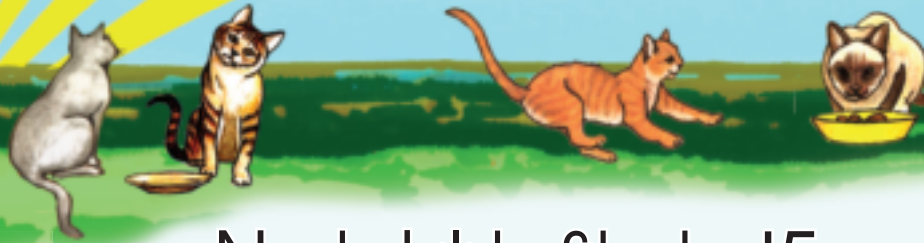


Cedzela lephethini yetinombolo lotayisebentisa kwakha ticumbi takubili.

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



Teacher:  
Sign:  
Date:



# Ngakubili kufika ku 15

Ithemu 3



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:

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



Biyela ticumbi takubili  
emgceeni ngamunye.



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



# Emaphethini nombolo 2 kuya ku 50



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



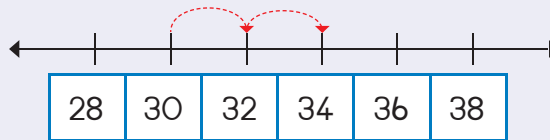
Cedzela lephethini ngekufaka umbala etinombolweni letifanele.

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

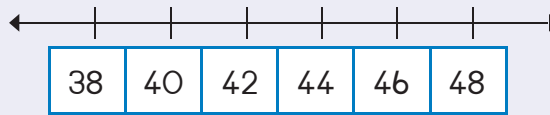


Dvweba imihibe kukhombisa loku lokulandzelako:

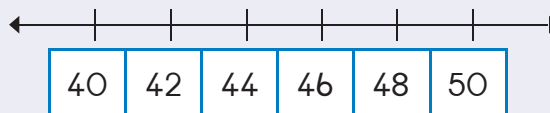
30, 32, 34



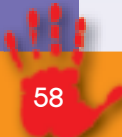
40, 42, 44



46, 48, 50

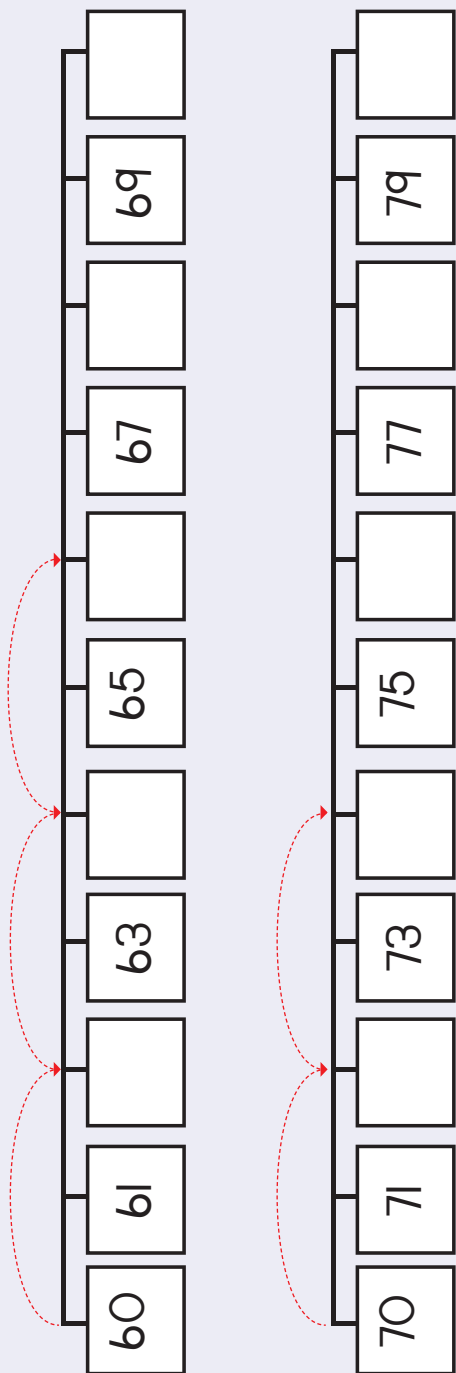


39	49
37	47
35	45
33	43
31	41
30	40





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



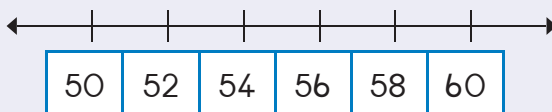
Cedzela lephethini ngekufaka umbala etinombolweni letifanele.

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

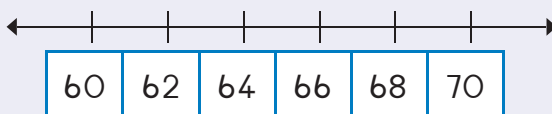


Dvweba imihibe kukhombisa loku lokulandzelako:

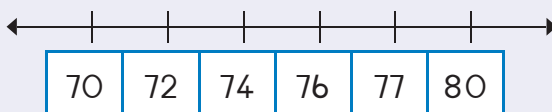
54, 56, 58



64, 66, 68



72, 74, 76



Teacher:  
Sign:  
Date:



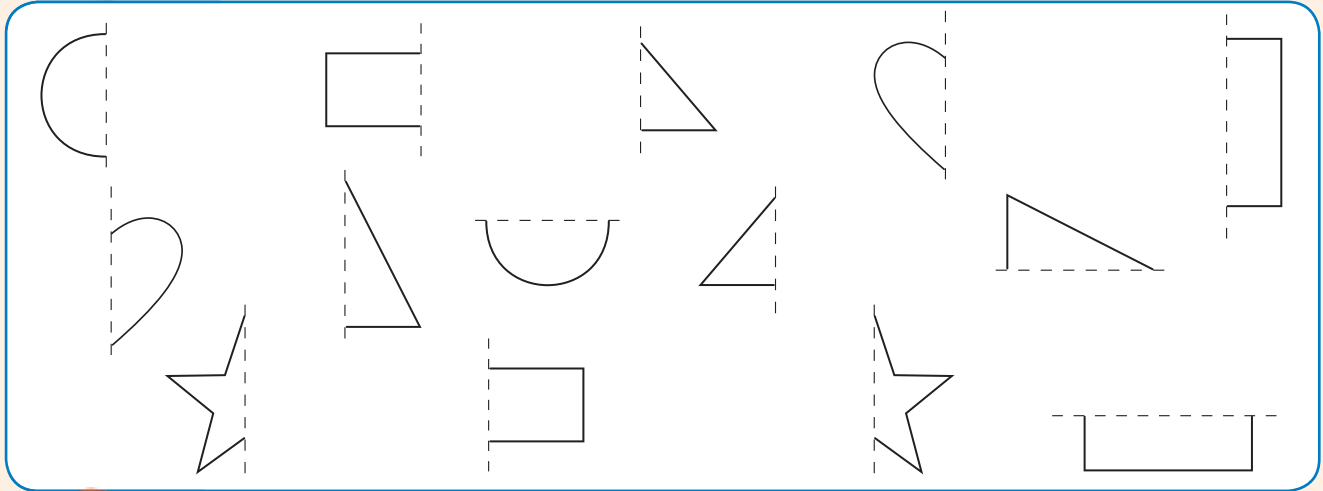


# Sitfombe - sibuko

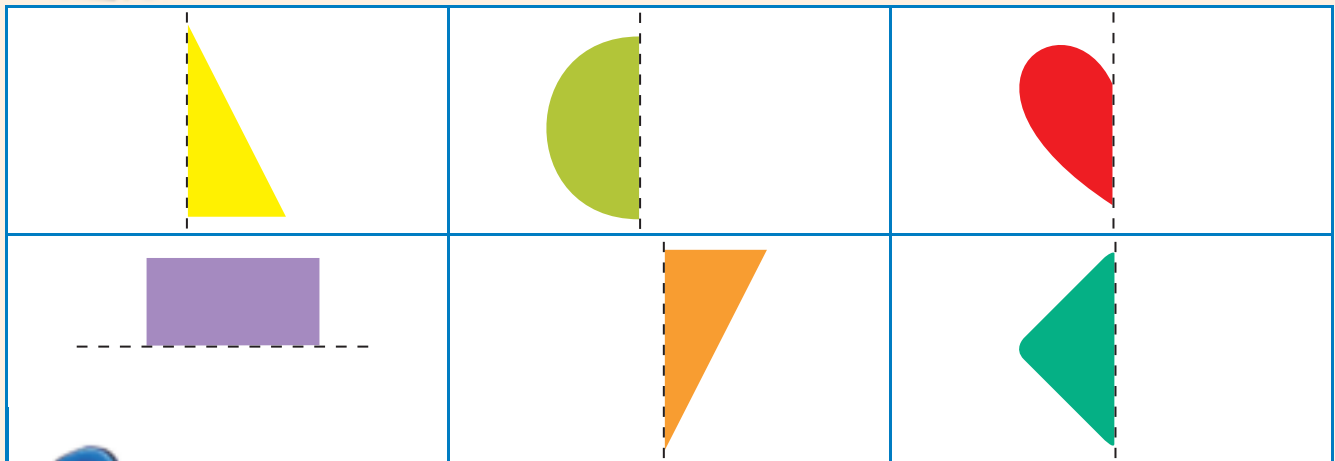
Ithemu 3



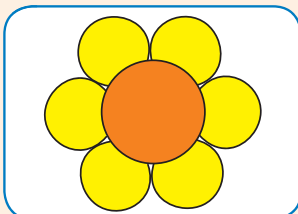
Faka umbala timbili tincenye tabobunjwa letitakwenta bunjwa munye.

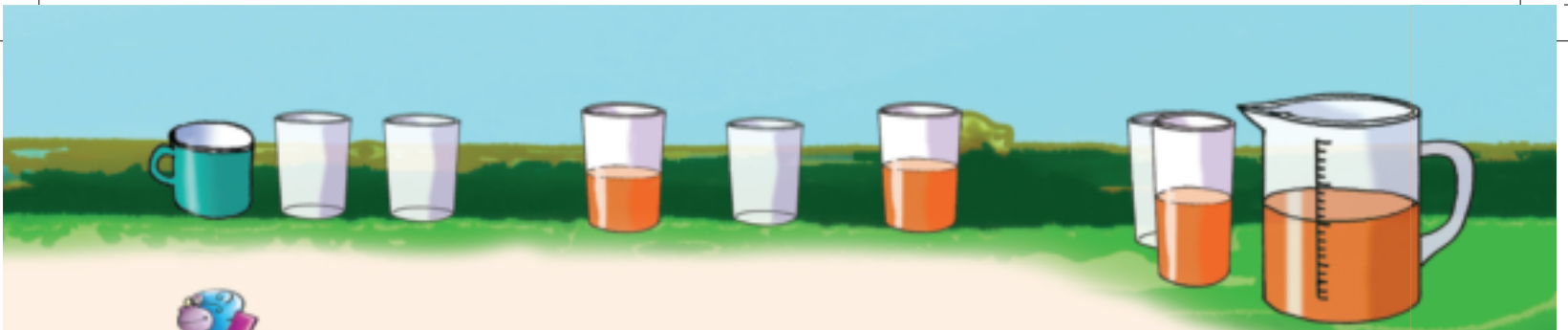


Dvweba lona lomunye hhafu bese umfaka umbala.



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

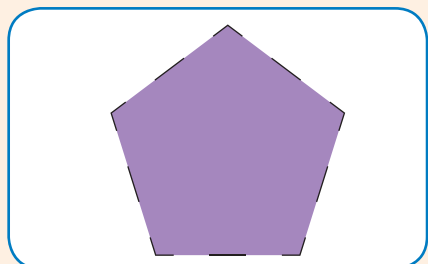
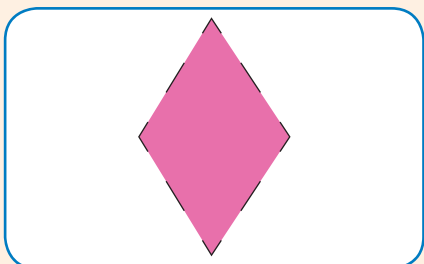
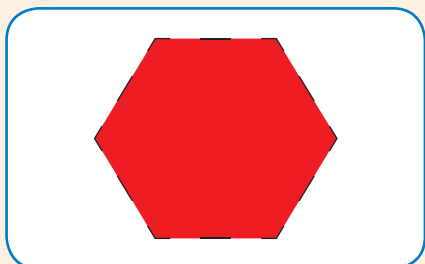




Dvweba lona lomunye hhafu wabunjwa usebentisa ibhodi yegridi kukusita.




Dvweba umugca kwehlukana labobunjwa kabili bente emacala labukeka afana ncwe.



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



# Tinombolo neMandla Sikhundla



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	$15 - 10 =$	
$10 + 2 =$		$14 - 10 =$	
$10 + 5 =$		$12 - 10 =$	
$10 + 3 =$		$11 - 10 =$	





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



$10 + 1$  ngalokubovu



$10 + 3$  ngaloku phinki



$10 + 5$  ngaloku lingangane



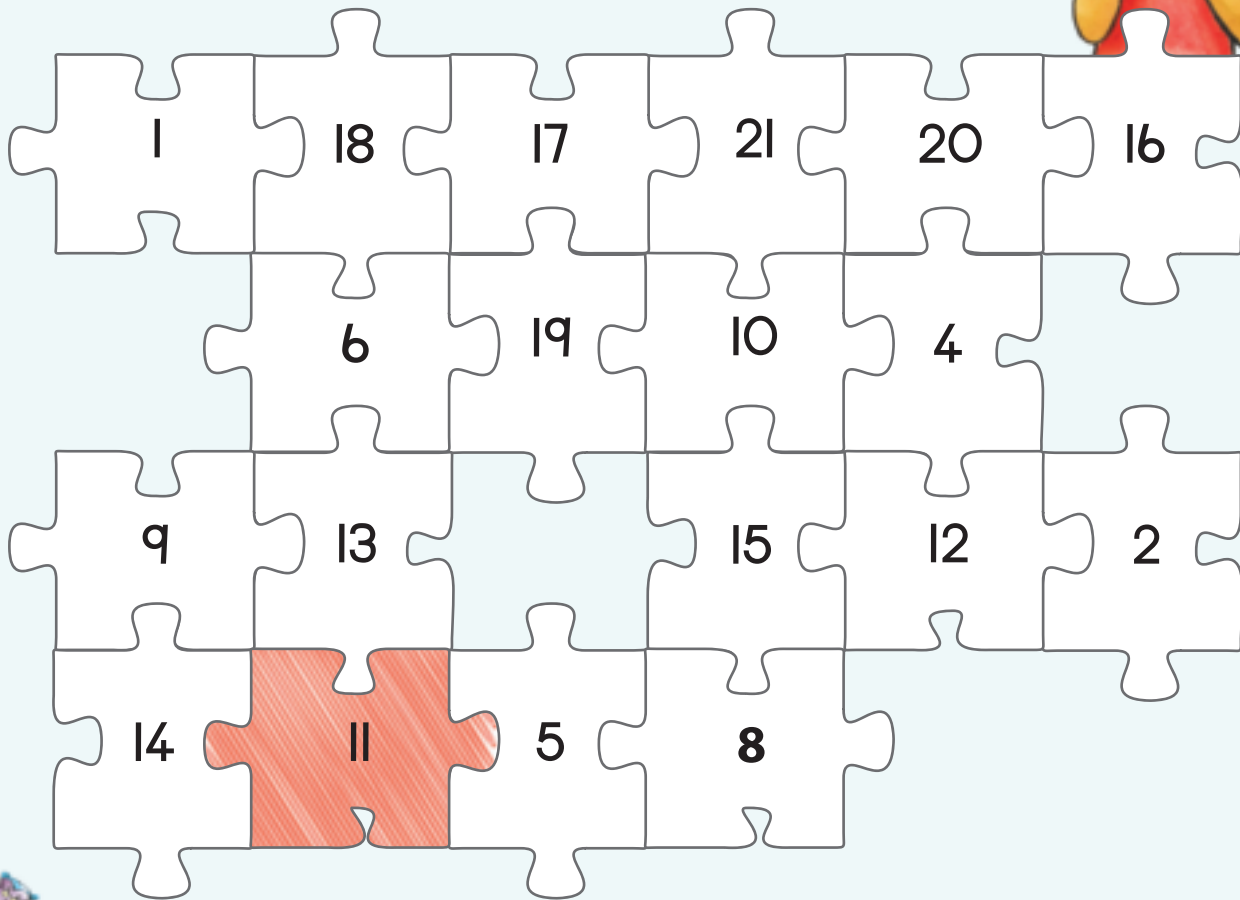
$10 + 4$  ngalokumtubi



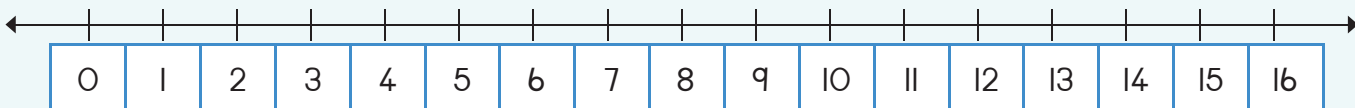
$10 + 0$  ngaloku luhlata



$10 + 2$  ngalokuli-orintji



Khombisa lishumi nakune kulomugca-nombolo:

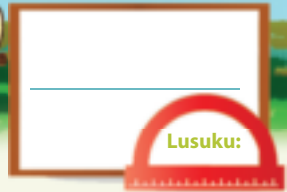


11 12 13 14 15 16 17 18 19 20



Teacher:  
Sign:  
Date:





# Budze

Ithemu 3



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



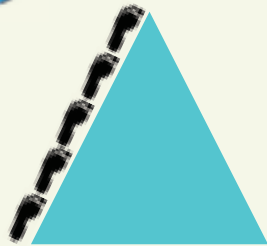
Mangaki emahlandla esandla lakenta bubanti?

Budze ngu \_\_\_\_\_ wemahlandla esandla.

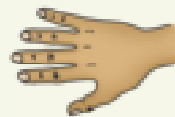
Bubanti ngu \_\_\_\_\_ wemahlandla esandla.



Mangaki emahlandla elunyawo ngasecadzini?



Gcwalisa imphendvulo.

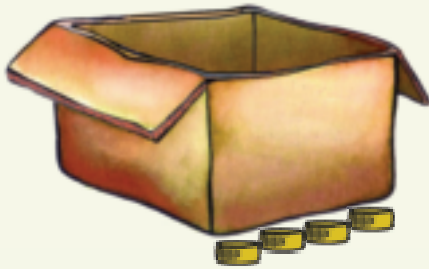


Budze ngu \_\_\_\_\_ wemahlandla esandla.





Buyini budze ne bubanti balelibhokisi?

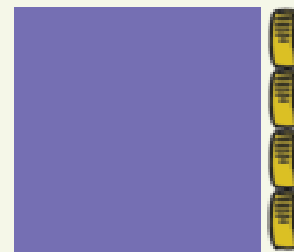
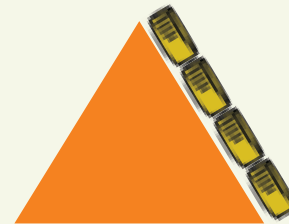


Budze ngu \_\_\_\_\_ umgamu wetivimbo  
telibhodlela.

Bubanti ngu \_\_\_\_\_ umgamu wetivimbo  
telibhodlela.

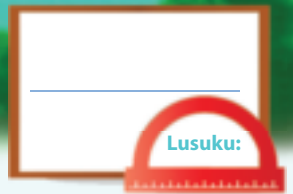


Tingaki tivimbo telibhodlela kumgamu welicala?



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





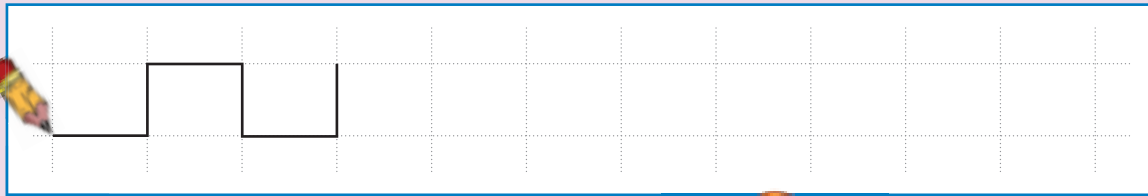
# Nombolo 16

Sibuyeketo:

Tifundzise kubhala ligama nombolo ucedzele iphethini.

7

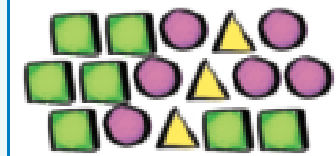
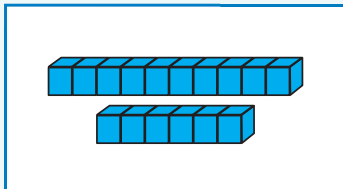
sikhombisa



Condzanisa letitfombe.

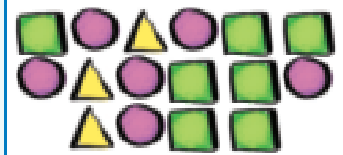


Tsatsisa letinombolo.



16 16 16 16

lishumi-nesitfupha

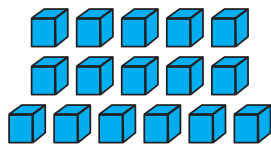


16

16 16 16 16

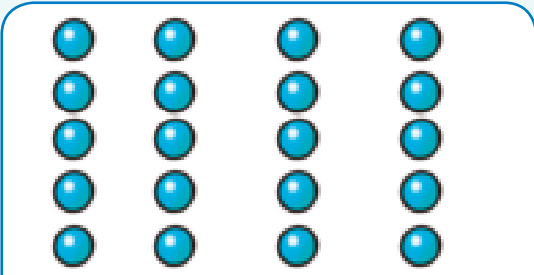
lishumi-nesitfupha

10  
6



Biyela buhlalu lobuli-16 kuphela.

16



Bungaki lobusele? \_\_\_\_\_



10  
6





Dweba 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

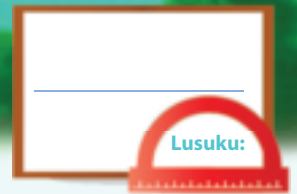


Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_





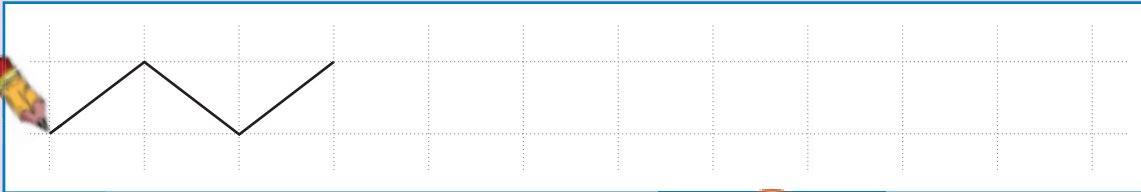
# Nombolo 17

Sibuyeketo:

Tifundzise kubhala ligama nombolo ucedzele iphethini.

8

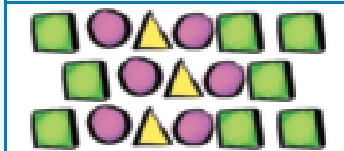
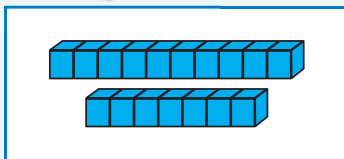
siphohlango



Condzanisa letitfombe.

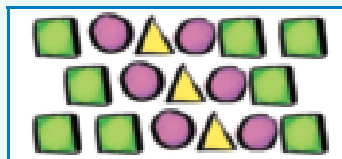


Tsatsisa letinombolo.

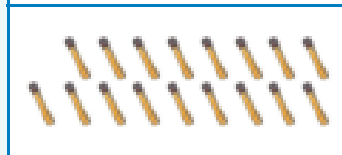
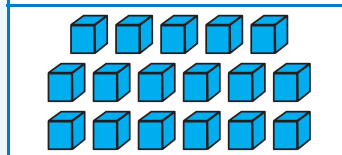


10  
7

17



17



10  
7

17 17 17 17

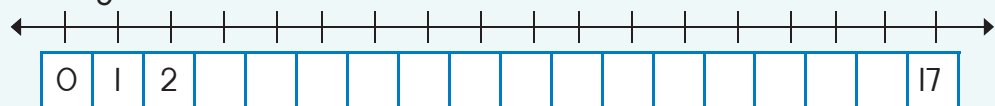
lishumi-nesikhombisa

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



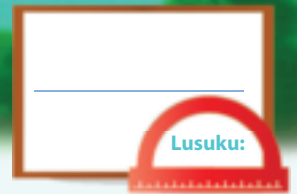
Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



99



# Nombolo 18

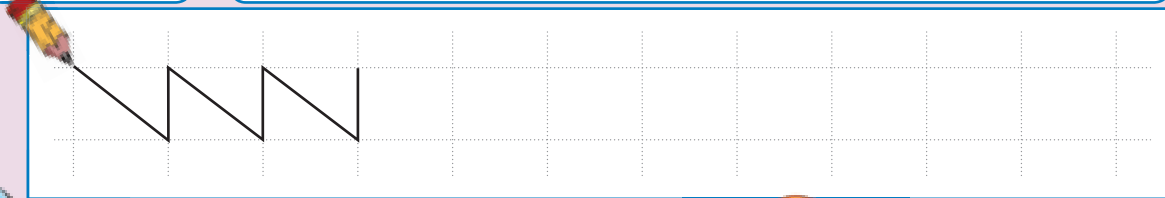
Ithemu 4

Sibuyeketo:

Tifundzise kubhala ligama nombolo ucedzele iphethini.

9

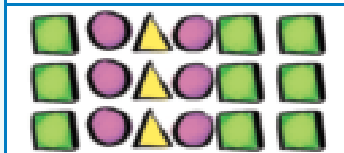
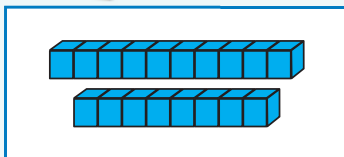
imfica



Condzanisa letitfombe.

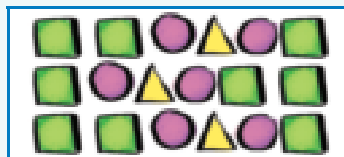


Tsatsisa letinombolo.

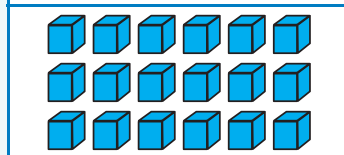


10  
8

18



18



10  
8

18 18 18 18

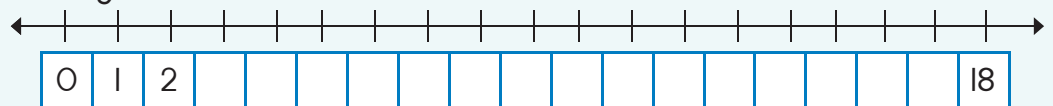
lishumi-nesiphohlango

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-nesiphohlango



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



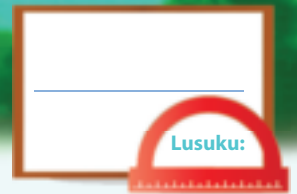
Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



100



# Nombolo 19

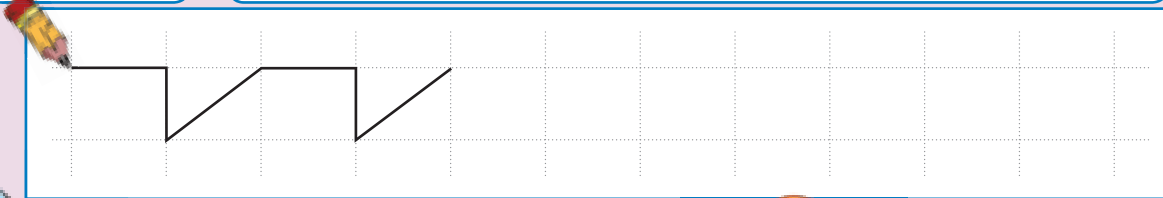
Ithemu 4

Sibuyeketo:

Tifundzise kubhala ligama nombolo ucedzele iphethini.

10

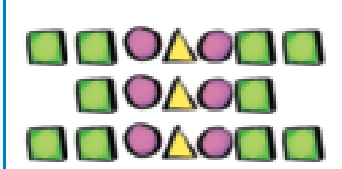
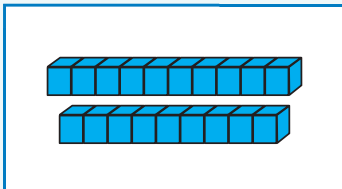
lishumi



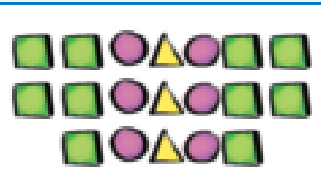
Condzanisa letitfombe.



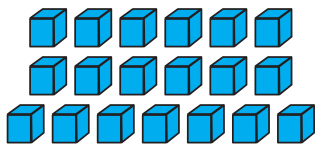
Tsatsisa letinombolo.



10  
9



19



10  
9

19 19 19 19

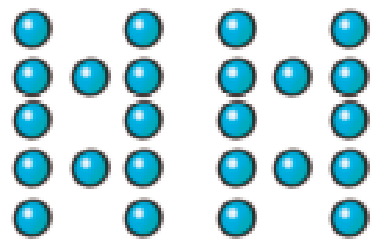
lishumi-nemfica

19 19 19 19

lishumi-nemfica



Biyela buhlalu lobuli-19 kuphela.



Bungaki lobusele? \_\_\_\_\_



0 1 2 3 4 5 6 7 8 9 10





Dweba 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-nemfca
		 



Ngubani kunye ngaphasi kwe-19?

Ngubani kubili ngaphasi kwe-19?

Ngubani kunye ngetulu kwe-19?

Ngubani kubili ngetulu kwe-19?



Gcwalisa letinombolo letishiyiwe.

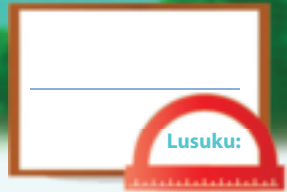
I		3		5		7		9	
II		13		15		17		19	

Leti-ke tibuye tibitwe  
ngekutsi tinombolo  
malinganisa.

Teacher:

Sign:

Date:



# Nombolo 20

Ithemu 4



Condzanisa letitfombe.





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.

		emashumi lamabili
		emashumi lamabili



Ngubani kunye ngaphasi kwe-20? \_\_\_\_\_

Ngubani kunye ngetulu kwe-20? \_\_\_\_\_





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 leshiyiwe.

Ngembili		Kamuva
16	17	
	12	
	14	
	9	10
	6	



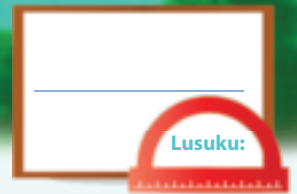
Sebentisa emagama ngaphasi na ngetulu kucedzela loku:

35 u \_\_\_\_\_ kwa 38

79 u \_\_\_\_\_ kwa 65



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



# 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:

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



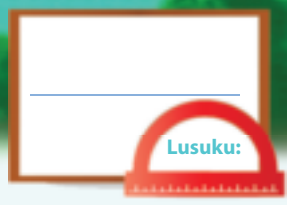
Gcwalisa letinombolo letishiywe.

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



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





# Kususa

Ithemu 4



Bala kahle.

17		<input type="text"/>
19		<input type="text"/>
14		<input type="text"/>
12		<input type="text"/>



Bhala umusho nombolo.

<input type="text"/>					



Bhala umusho nombolo.

<input type="text"/>					



Bala kahle.

18		<input type="text"/>
7		<input type="text"/>
15		<input type="text"/>
9		<input type="text"/>



Cedzela letibalo usebentisa lemidwebo.

	$16 - \square = \square$
	$\square = 11$

	$10 + \square = \square$
--	--------------------------





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 <input type="text"/>	Kuphindza kabili 3 ngu <input type="text"/>	Kuphindza kabili 4 ngu <input type="text"/>
Kuphindza kabili 7 ngu <input type="text"/>	Kuphindza kabili 2 ngu <input type="text"/>	Kuphindza kabili 8 ngu <input type="text"/>
Kuphindza kabili 10 ngu <input type="text"/>	Kuphindza kabili 9 ngu <input type="text"/>	Kuphindza kabili 1 ngu <input type="text"/>



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?

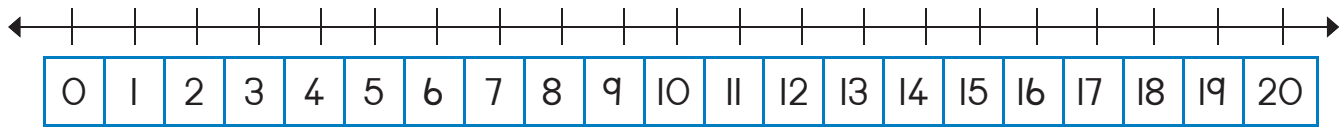
Mandla unesi-5 semakhirayoni. Ana unesi-8 semakhirayoni.  
Ngubani lonemakhirayoni lamancane?



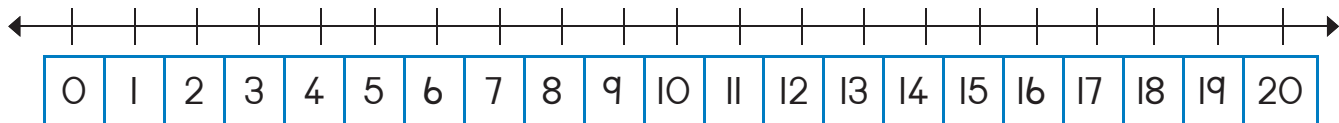


Sebentisa umugca - nombolo kusombulula loku lokulandzelako:

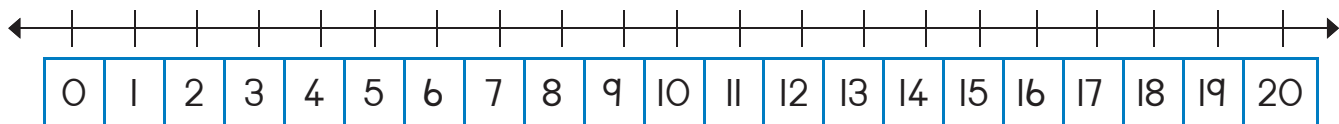
Thandi unesi - 6 setimabula letiluhlata ne - 9 yaletilingangane. Tingaki timabula lase anato?



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

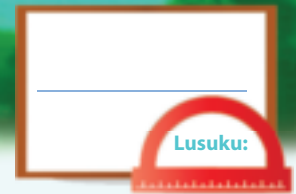
Biyela lenombolo lengu 2 ngetulu kwa 76.

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



Teacher:  
Sign:  
Date:





# Tinombolo letihlelenjisiwe

Ithemu 4



Ngubani lowaphuma embili emcudzelwaneni?  
Bhala sikhundla ngentasi kwabo.

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



Tidwebe ebhentjini lelisembili.

<b>Litfusi</b>	<b>Ligolide</b>	<b>Insimbi-bovu</b>
----------------	-----------------	---------------------

Ngubani lotfole ligolide? \_\_\_\_\_ Ngubani lotfole litfusi? \_\_\_\_\_



Dweba lucu lwebuhlalu kanjengalokulandzelako:

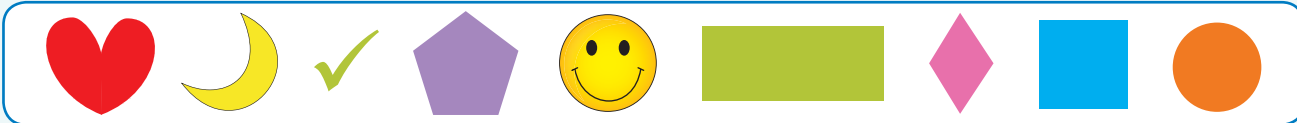
- Buhlalu bekucala bulingangane.
- Buhlalu besibili bubovu.
- Buhlalu besitsatfu buluhlata.
- Buhlalu besine bumtufubi.
- Buhlalu besihlanu bulingangane.
- Buhlalu besitfupha bubovu.
- Buhlalu besikhombisa buluhlata.
- Buhlalu besiphohlongo bumtufubi.
- Buhlalu bemfica bulingangane.
- Buhlalu belishumi bubovu.

Lucu lwami lwebuhlalu.





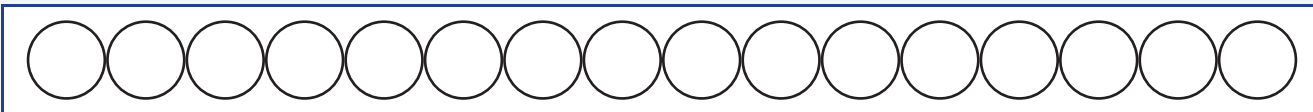
Bukisisa lokulandzelana kwabobunjwa.  
Kopa labobunjwa ngetikhundla letingito ethebuleni.  
Sikwentele kwekucala.



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.

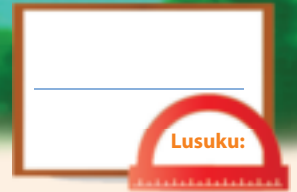


Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

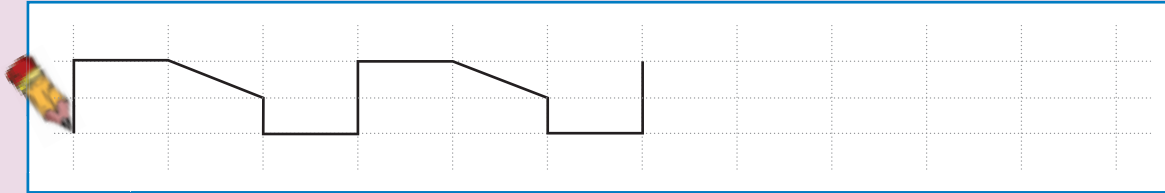




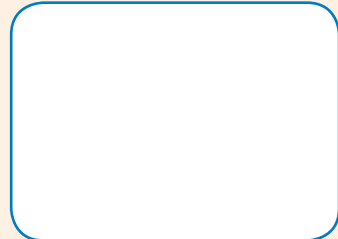
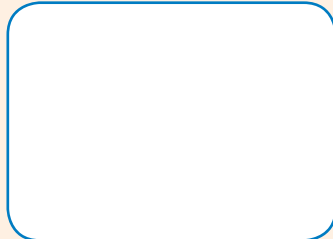
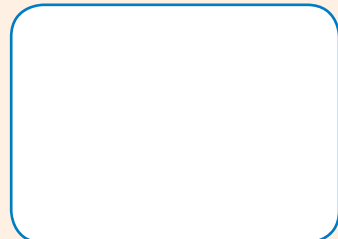
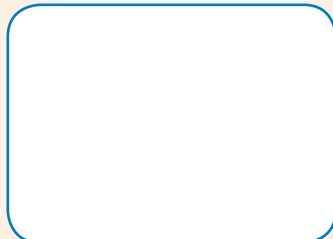
# Tintfo nabobunjwa

Sibuyeketo:

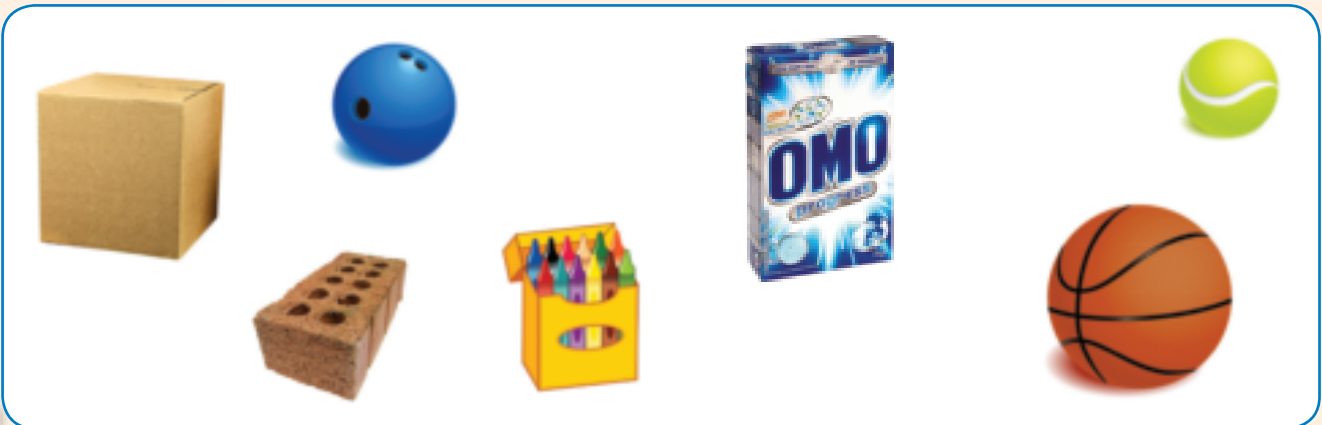
Sibuyeketo: Cedzela lephethini.



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 letingajicika.





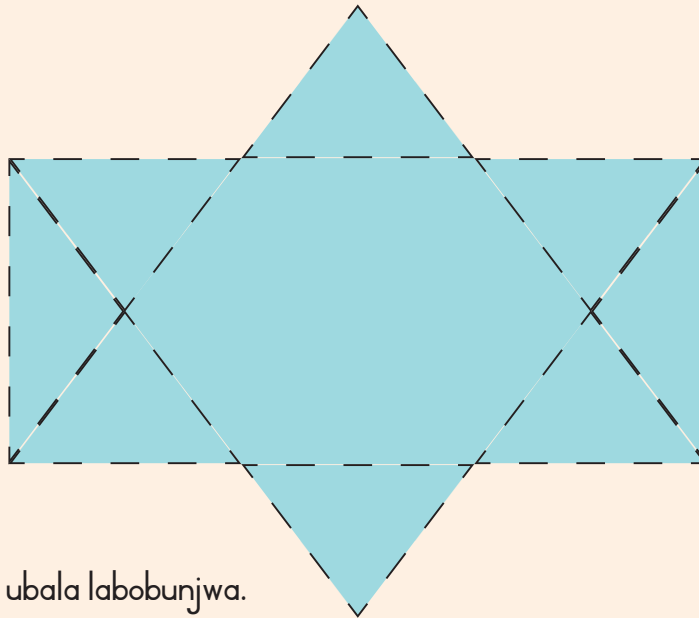
Tsatsisa leligama bese udvweba lentfo.

libhokisi

ibhola



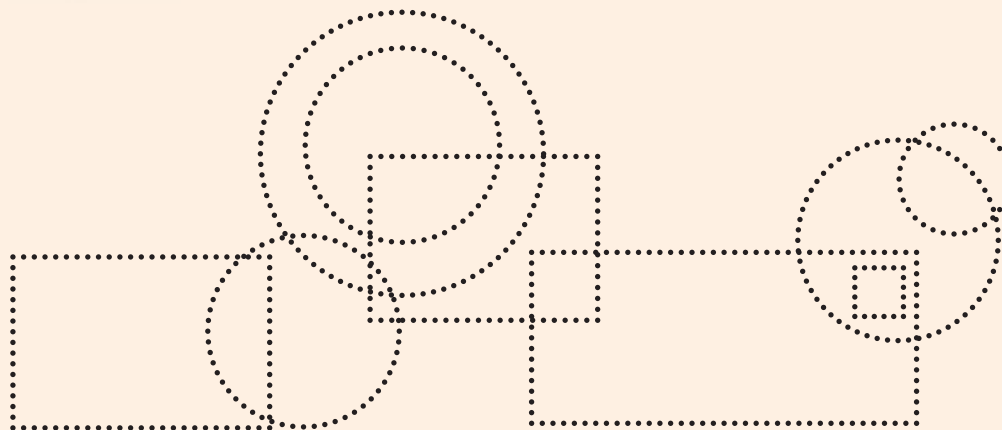
Bala bonkhe bocalantsatfu bese ubhala lenombolo.



Imphendvulo:



Tsatsisa bese ubala labobunjwa.



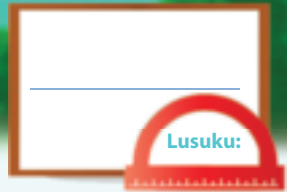
Tindilinga

Tikwele



Teacher:  
Sign:  
Date:





# Imali

Ithemu 4



Nguyiphi imali yebuhhehlu longayicondzanisa?






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

R10		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
R20		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
R15		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>





Susa R2.

		
$R12 - R2 = R10$	<input type="text"/>	<input type="text"/>




Susa R5.

		
$R15 - R5 = R10$	<input type="text"/>	<input type="text"/>



Ngutiphi tindlela letehlukene longatidweba kubutsanisa ngato R20?  
Sikwentele kwekucala.





Biyela imali emgceni  
ngamunye longatsenga  
ngayo lokunyenti kakhulu.

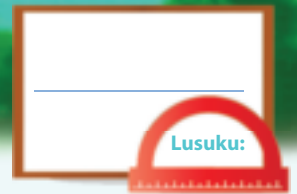


Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



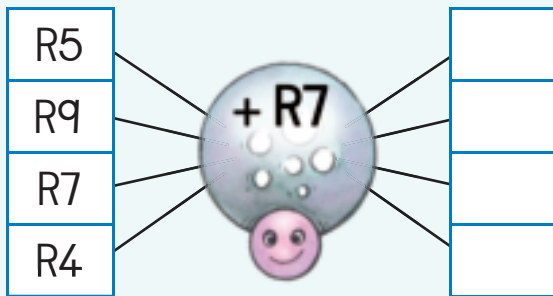


# Imali futsi

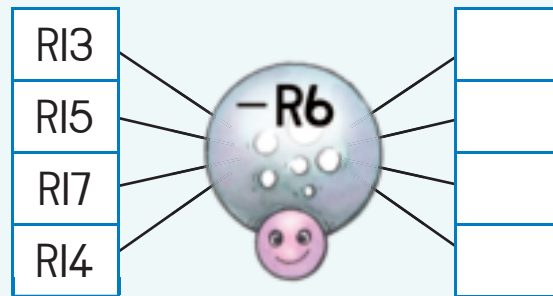
Ithemu 4



Bala kahle.



Bala kahle.



Gcwalisa imphendvulo.

$R10 + R1 =$	
$R10 + R2 =$	
$R10 + R3 =$	
$R10 + R4 =$	
$R10 + R5 =$	



Ngukuphi lokungetulu?  
Biyela imphendvulo yakho.

5c noma R5
20c noma R20
R1 noma 50c
R2 noma R1
20c noma 50c



Hlanganisa letinombolo kuvundle kubuye futsi kwehle bese ugcalisa timphendvulo.

R2	R4	R9	=
R7	R3	R5	=
R6	R8	R1	=
=	=	=	=





Bukisisa sibonelo bese ucedzela lokusele.

R17	=	R10	+	R7
R16	=		+	
R15	=		+	
R14	=		+	
R13	=		+	
R12	=		+	



James utsenge sinkhwa nga R8. Usibhadalele nga R10 weliphepha. Ngumalini intjintji layitfolile?

Utsini umbuto?

---



---

Bhala phasi letinombolo.

---

Bhala phasi sibalo bese usibala kahle.

---



Make waBusi utsenge sigcoko nga R17. Ubhadale ngemaphepha lamabili abo- R10. Ngumalini intjintji layitfolile.

Utsini umbuto?

---



---

Bhala phasi letinombolo.

---

Bhala phasi sibalo bese usibala kahle.

---



Lusuku lwekotalwa lwaJudy belungeLisontfo. Utfole R5 lobuya kudzadzewabo, R2 lobuya kumnakabo na R10 lobuya kumzala wakhe. Ngumalini imali layitfolile seyiyonkhe?

Utsini umbuto?

---



---

Bhala phasi letinombolo.

---

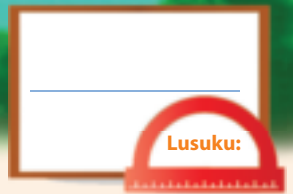
Bhala phasi sibalo bese usibala kahle.

---



Teacher:  
Sign:  
Date:



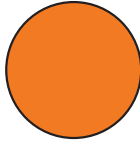

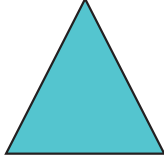





# Bobunjwa bebusobubili (2-D)

Ithemu 4

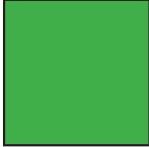

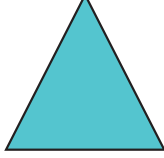


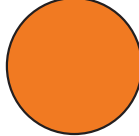


Faka luphawu ✓ kubunjwa lomncane kakhulu ebhulokini ngalinye.

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



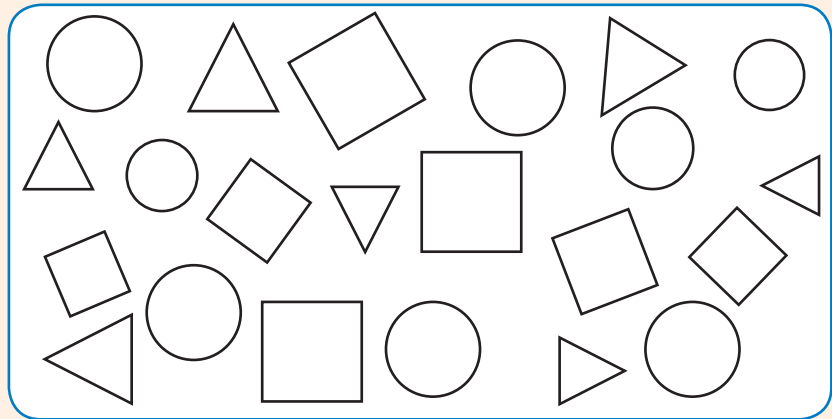
Faka luphawu ✓ kubunjwa lomkhulukati ebhulokini ngalinye.

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



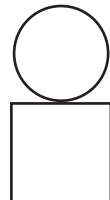


Faka umbala:

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



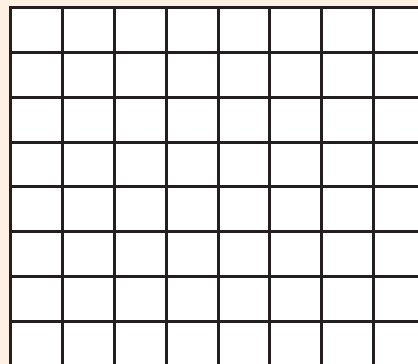
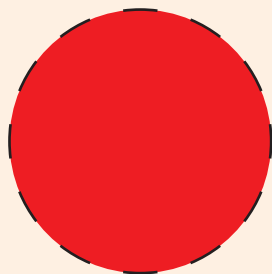
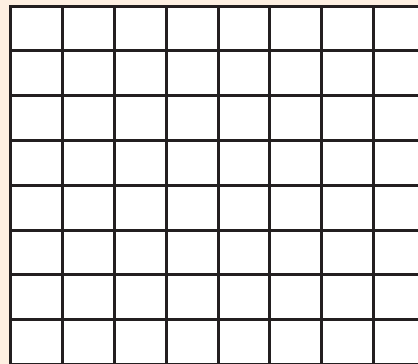
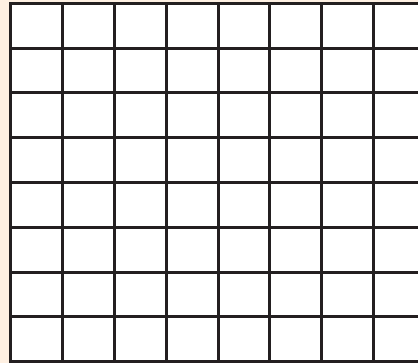
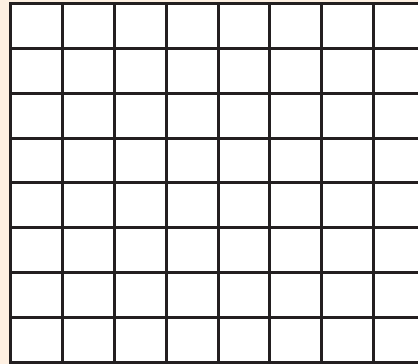
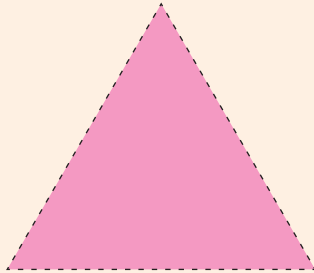
Yenta sitfombe usebentisa bobunjwa. Sikucalele sitfombe ngasinye ngabobunjwa laba-2.

		
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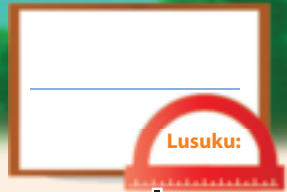


Dvweba labobunjwa kugridi.  
Sebentisa letikwele letincane kukusita.



Teacher:  
Sign:  
Date:







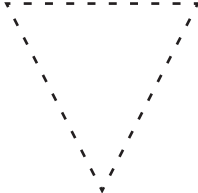
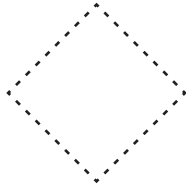


# Bobunjwa be bebusobubili (2-D) – emacala lacondzile nalayindilinga

Ithemu 4

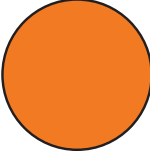

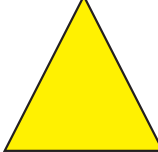


Tsatsisa labobunjwa labalandzelako.

 calantsatfu	 indilinga	 sikwele
 indilinga	 calantsatfu	 sikwele



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

 emacala layindilinga <input type="checkbox"/> emacala lacondzile <input type="checkbox"/>	 emacala layindilinga <input type="checkbox"/> emacala lacondzile <input type="checkbox"/>	 emacala layindilinga <input type="checkbox"/> emacala lacondzile <input type="checkbox"/>
---	---	---



Dweba bunjwa lonaloku:

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





Bala linani letindilinga, tikwele nabocalantsatfu.

A large rectangular box containing various geometric shapes for a matching activity:

- Top left: A vertical column of four shapes: a triangle, a square with a circle inside, a circle, and another square with a circle inside.
- Top center: A large square containing a large circle, a small square, and a medium circle.
- Top right: A square containing a circle.
- Bottom left: Two right-angled triangles.
- Bottom right: A square containing a triangle.

Calantsatfu



Indilinga



Sikwele



Tfola sitfombe lesibuya kumagazini sentfo lenaloku:

emacala layindilinga

A large empty rectangular box for drawing or writing.

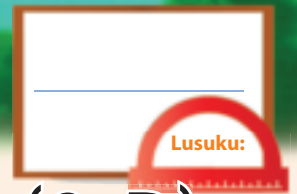
emacala lacondzile

A large empty rectangular box for drawing or writing.



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



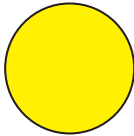

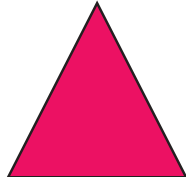

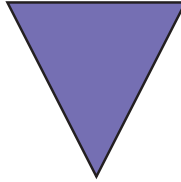
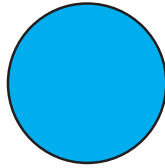


# Labanye futsi bobunjwa bebusobubili (2-D)

Ithemu 4



Shano emagama alabobunjwa labalandzelako:

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

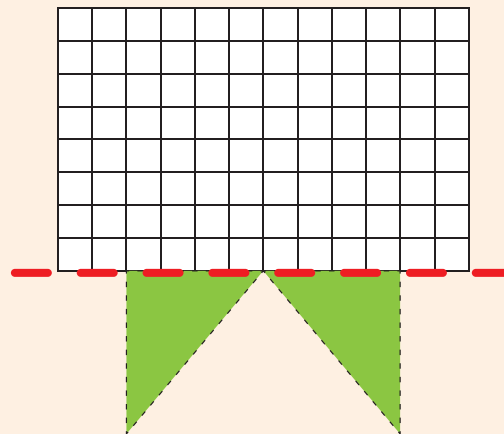
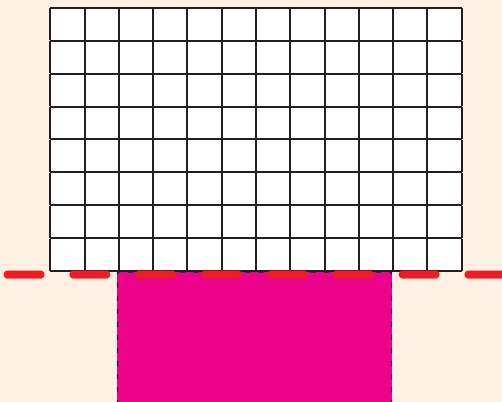
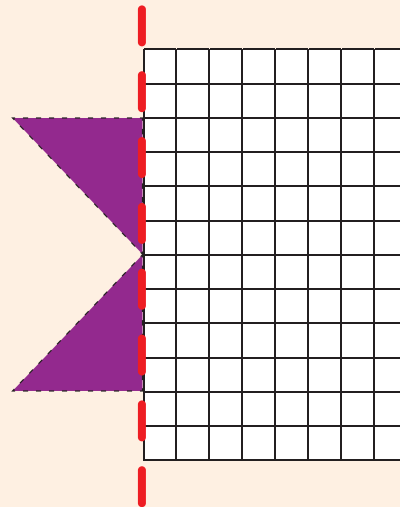
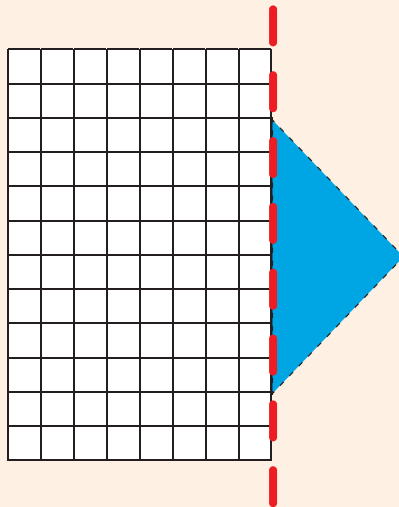
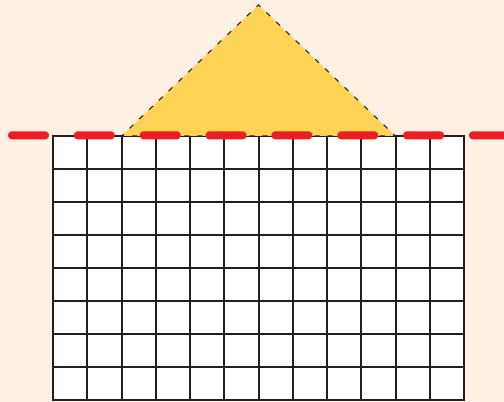
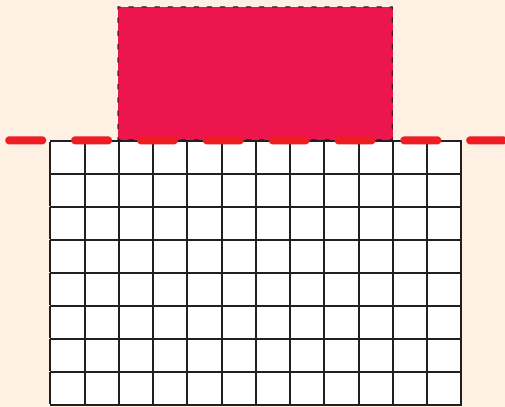


Dvweba sitfombe sakho usebentisa tindilinga, bocalantsatfu netikwele kuphela.





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

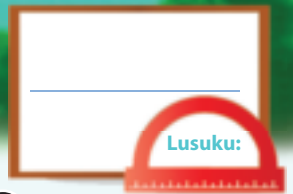


Bonkhe bobunjwa banemacala lacondzile na layindilinga .



Teacher:  
Sign:  
Date:





# Ticumbi tetihlanu kufika ku 20

Ithemu 4



Dweba tindilinga kwakha ticumbi tetihlanu.  
Tingaki ticumbi tetihlanu lonato?

sicumbi sesi - 5

sicumbi sesi - 5

sicumbi sesi - 5

sicumbi sesi - 5



Bala linani leminwe. Bhala phasi imphendvulo yakho.

$5 + 5 + 5 =$

$5 + 5 + 5 + 5 =$

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

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





Bhala umusho wangakunye ngakunye kwaloku lokulandzelako:



Phendvula lemibuto.



Bangaki bo 5c  
bebuhhehlu lobabonako?

Bhala loku njengemusho  
nombolo:



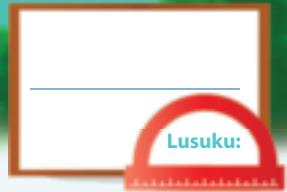
Gcwalisa letinombolo letishiyiwe.

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



Teacher:  
Sign:  
Date:





# Tihlanu – kuhlanganisa lokuphindziwe kufika ku 20



Yenta ticumbi tetihlanu bese ubhala lomusho nombolo.



Dvweba ticumbi tabobunjwa kukhombisa lemisho nombolo.


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


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




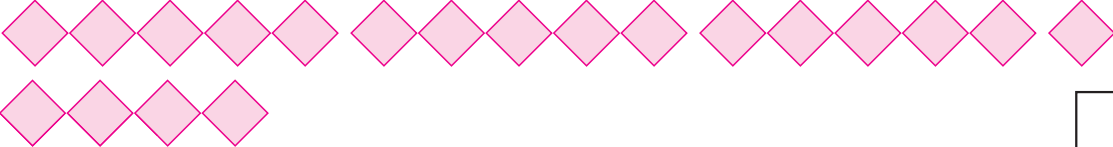


Bhala umusho wangakunye ngakunye kwaloku lokulandzelako:


  
 $5 + 5 = \square$









Tingaki tikhatsi lobala ngato tinombolo letisihlanu? \_\_\_\_\_

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

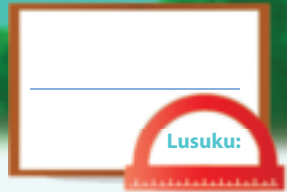


Kunetandla leti - 3 efasitelweni. Mingaki iminwe lesefasitelweni?  
Dvweba sitfombe bese ubhala umusho nombolo.



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





# Kwabelana kufika ku 20

Ithemu 4



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

Umngani ngamunye utawutfolwa emaswidi la

Umngani ngamunye utawutfolwa emaswidi la

Umngani ngamunye utawutfolwa emaswidi la

Umngani ngamunye utawutfolwa emaswidi la

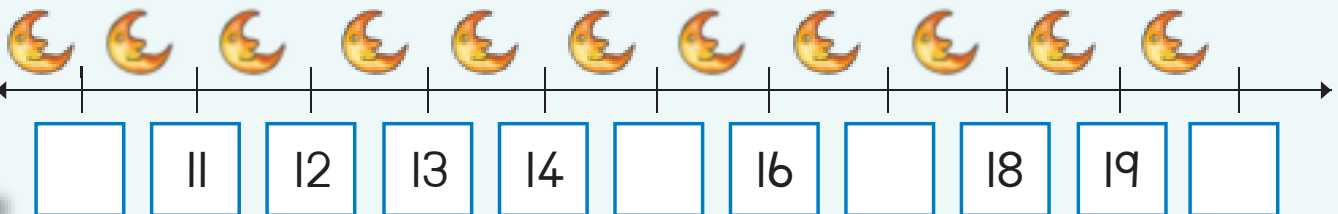


Faka umbala kutimphindza tesihlanu.

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



Gcwalisa letinombolo letishiyiwe.





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: \_\_\_\_\_





## Emaphethini nombolo – tihlanu kuya ku 100



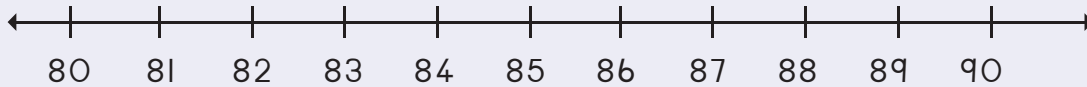
Cedzela lephethini ngekufaka umbala kutimphindza tesihlanu.

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

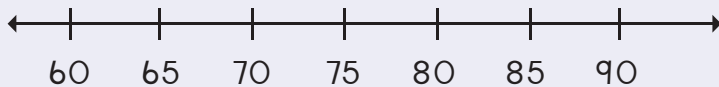


Dvweba imihibe kukhombisa loku lokulandzelako:

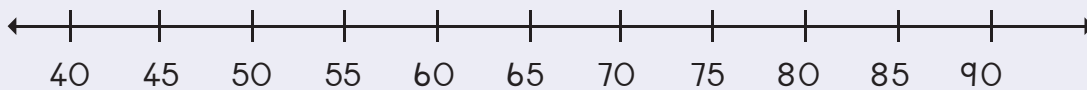
86, 88, 90



70, 75, 80



55, 60, 65, 70

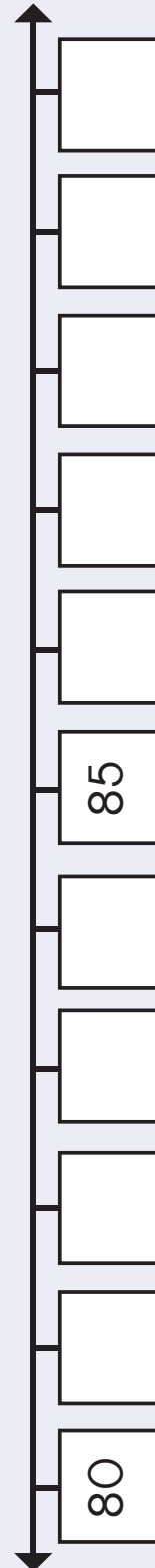
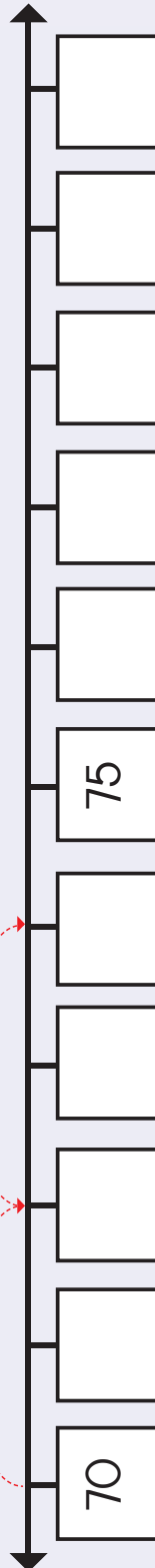
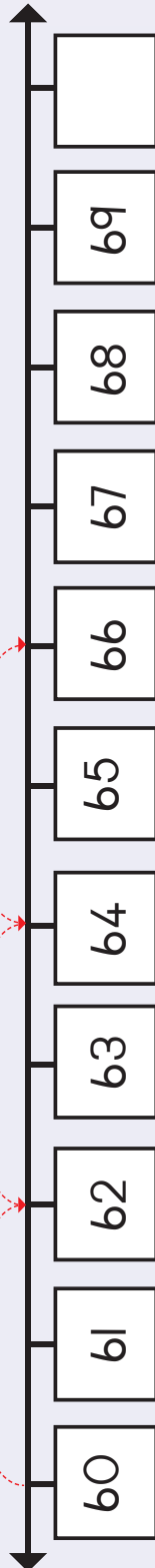


Sebentisa leliwashi kukhombisa kubala imizuzu ngetihlanu.



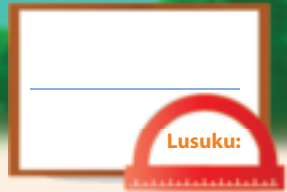


Beka tinombolo letisuka kuLokusikiwe 2 etindzaweni lapho tinombolo tishiywe khona kulemigca nombolo. Buye ucedzele lemihibe.



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





# Sikhundla nelicala lekubuka

Ithemu 4



Condzanisa lingembili nelingemuva lesilwane ngasinye.

Lingembili



Lingemuva



Biyela butjoki lobuhambisana -ngco nebutjoki lobulapho kufakwe umbala khona.

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





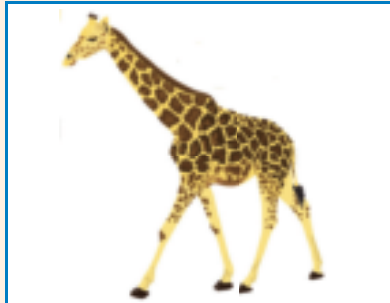
Faka umbala licala lelifanele.



Licala langetulu

Licala laseceleni

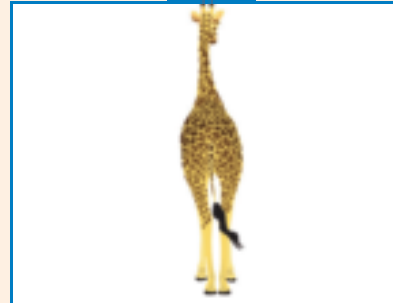
Licala langembili



Licala langetulu

Licala laseceleni

Licala langembili



Licala laseceleni

Licala langembili

Licala langemuva



Likuphi likati?

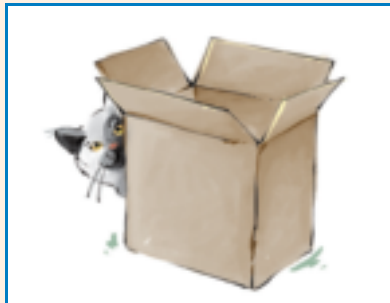
Faka umbala emphendvulweni lengiyo.



Ngemuva

Ngembili

Eceleni



Ngemuva

Ngembili

Eceleni



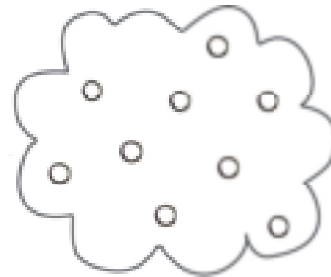
Ngemuva

Ngembili

Eceleni

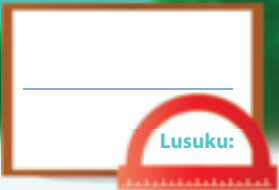


Bukisisa letitfombe  
letintsatfu.  
Faka umbala kucala  
langetulu.



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





# Ticumbi takubili kufika ku 20

Ithemu 4



Yenta ticumbi takubili. Bhala phasi kutsi tingaki ticumbi kuloku.

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

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

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

	<input type="text"/>
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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



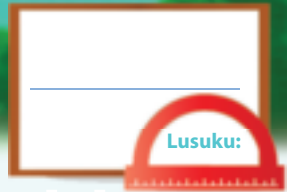
Bhala umusho nombolo waloku lokulandzelako.






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



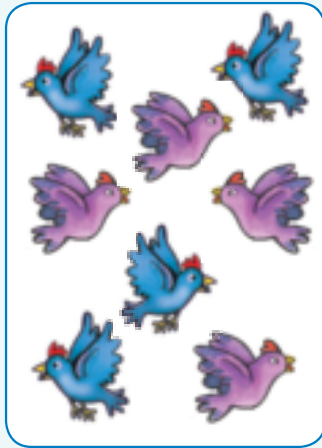


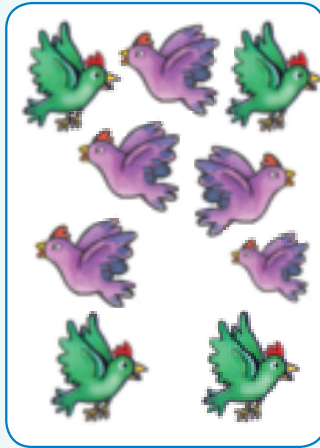
# Ngakubili – kuhlanganisa lokuphindzelelwe kufika ku 20

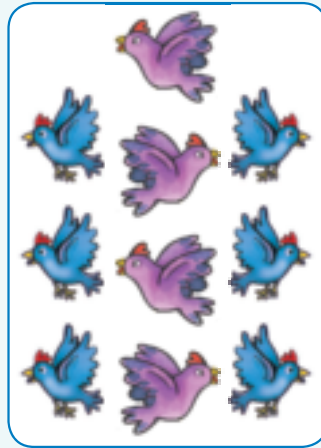


Mingaki imilente lekhona? Bhala umusho nombolo wangakunye.











Dvweba bobunjwa baloku lokulandzelako:

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



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

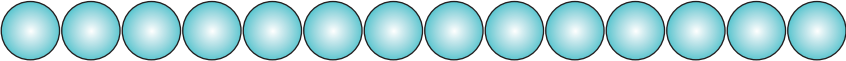
$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = \square$$

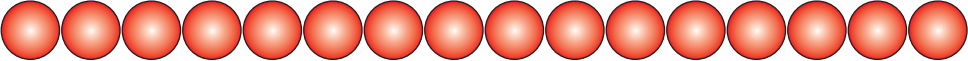
$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = \square$$

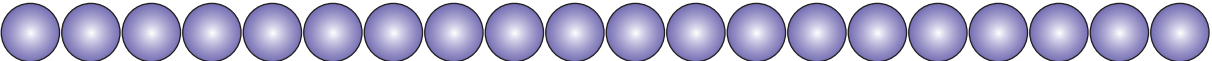


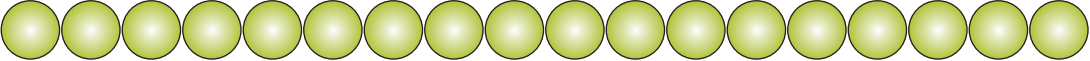


Bhala umusho nombolo waloku lokulandzelako:


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









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 linye. Mangaki emaswidi lenginawo? Dvweba sitfombe bese ubhala umusho nombolo.

Ngina  wemaswidi.

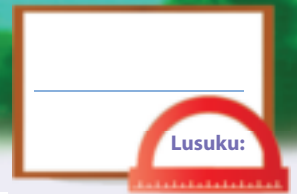


Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_





# Emaphethini nombolo – ngakubili kuya ku 100

Ithemu 4



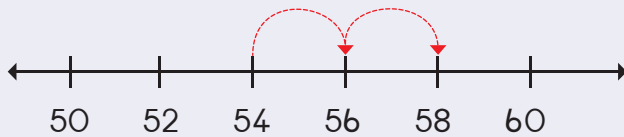
Cedzela lephethini ngekufaka umbala letinombolo.

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

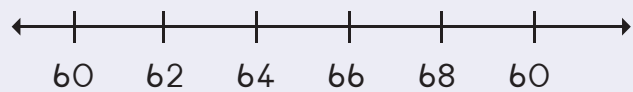


Dvweba imihibe kukhombisa loku lokulandzelako:

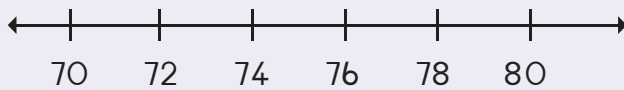
54, 56, 58



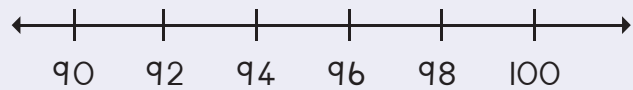
64, 66, 68



74, 76, 78



94, 96, 98

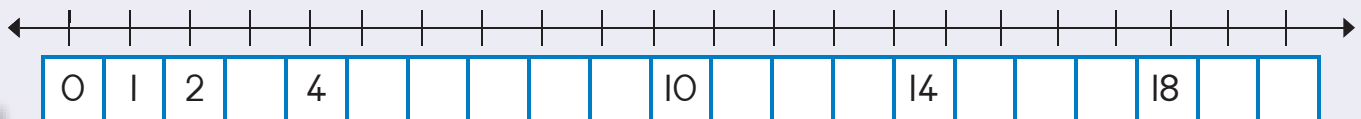


Gcwalisa letinombolo letishiyiwe. Faka umbala kulephethini: 2, 4...

I		3				7			10
II						17			20



Cedzela lomugca - nombolo.





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

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

|| 12 13 14 15 16 17 18 19 20



Teacher:  
Sign:  
Date:





Lusuku: \_\_\_\_\_

# Emaphethini nombolo – ngakubili kuya ku 100

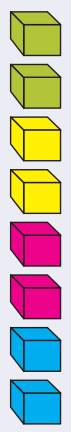
Ithemu 4



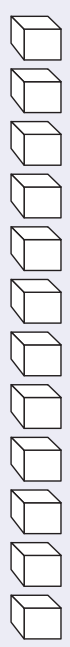
Ungawabona nje emaphethini angakubili?



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

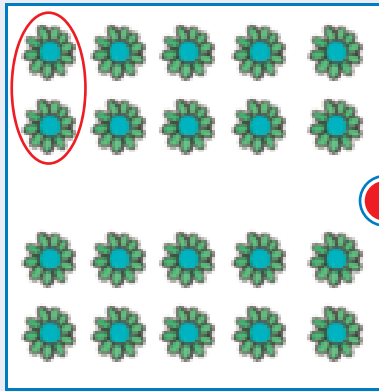


4

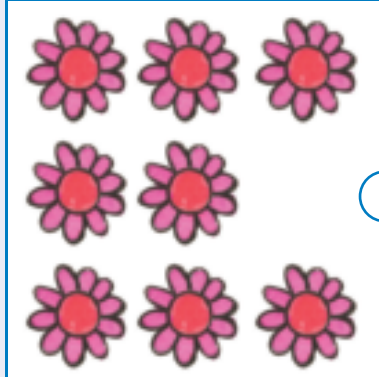




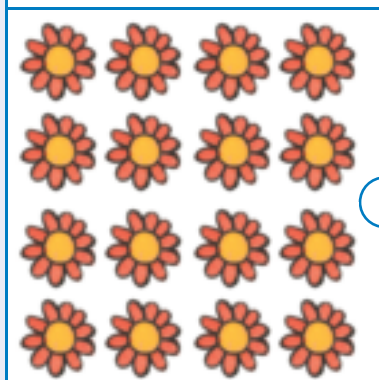
Condzanisa ticumbi takubili nemusho nombolo ngekudweba umugca.



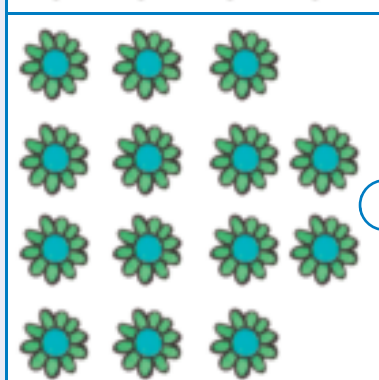
$$2 + 2 + 2 + 2 = 8$$



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



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



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



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

11

12

13

14

15

16

17

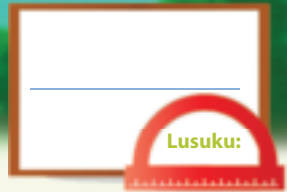
18

19

20



113

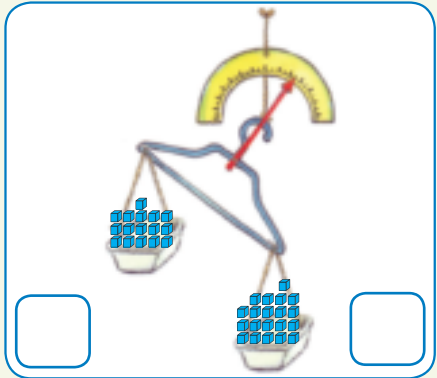
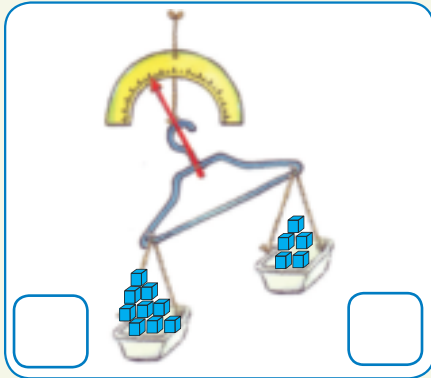
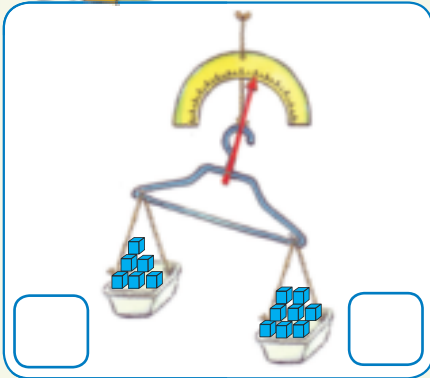


# Sisindvo (kwesindza)

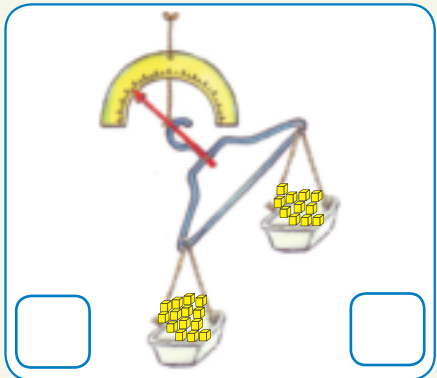
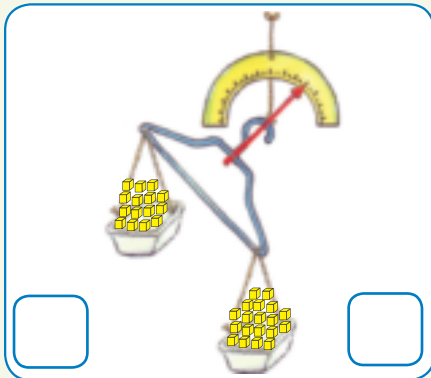
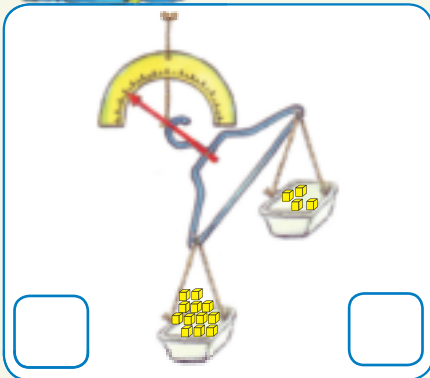
Ithemu 4



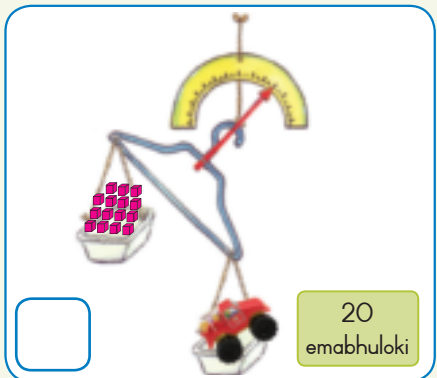
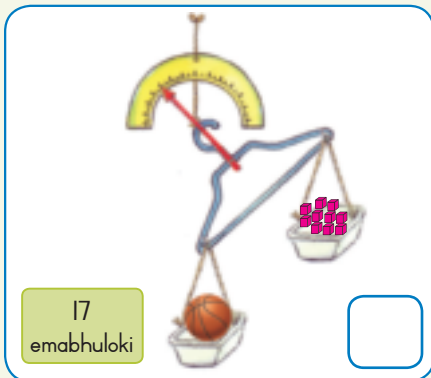
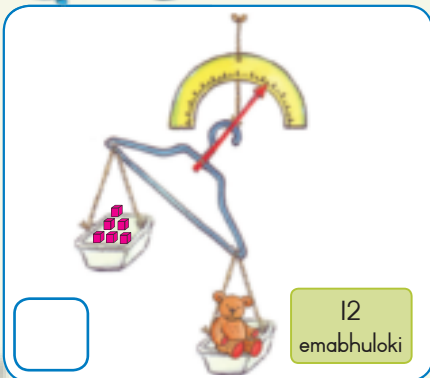
Bhala kutsi mangaki emabhuloki lakhona kukwekuphatsa ngakunye. Biyela kwekuphatsa lokumatinyana.



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

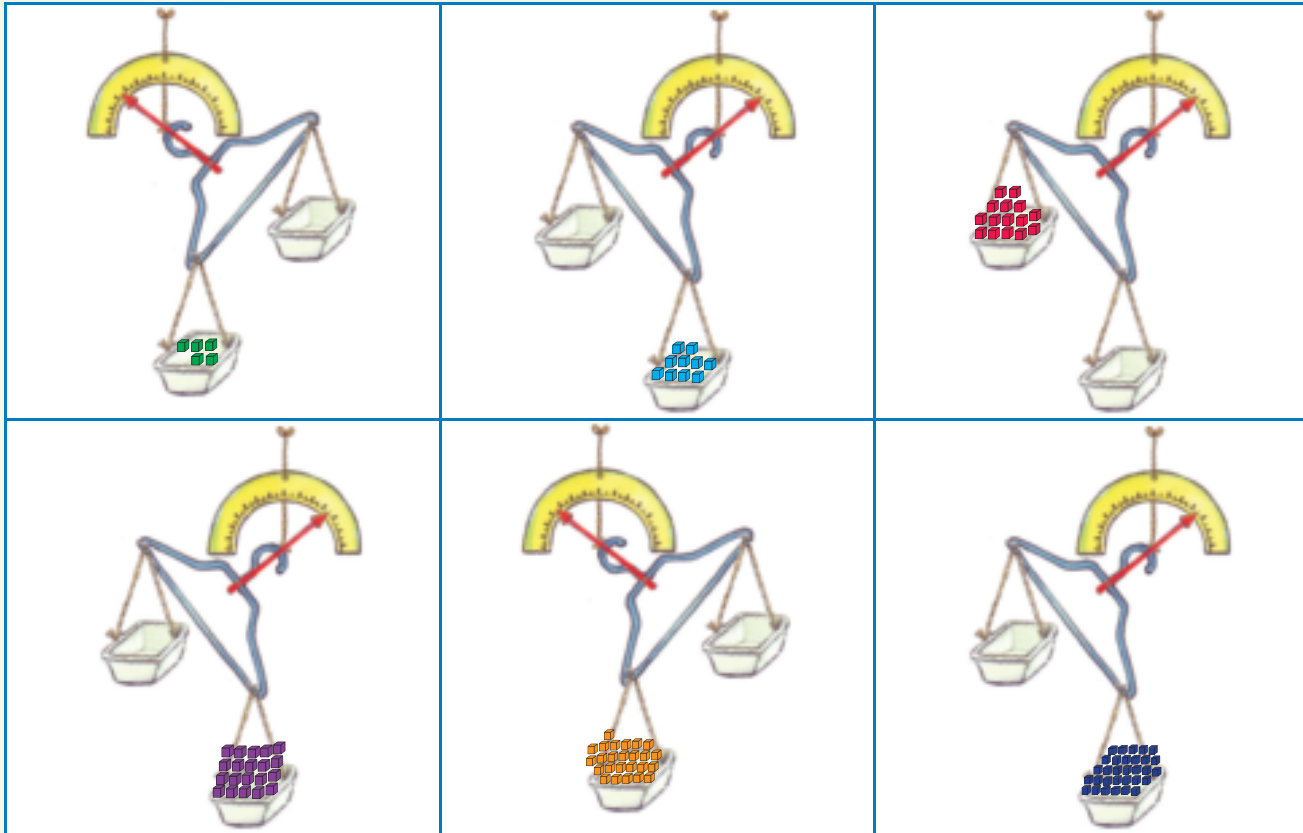


Bala kutsi mangaki emabhuloki kuloku. Bese ubala kahle kutsi mangaki lamanye emabhuloki ladzingekile kute kusimame lithoyizi. Sikutjela kutsi lithoyizi linesisindvo samangaki emabhuloki.





Dvweba intfo lematinyana 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	___ - ___ = ___

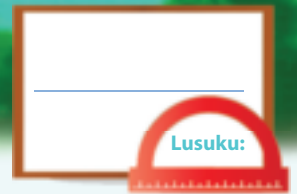


Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_





# Kuphindza - kabili

Ithemu 4



Phendvula loku lokulandzelako:

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 <b>kubili</b> ngu	kune
Imphindza kabili <b>yakutsatfu</b> ngu	
Imphindza kabili <b>yakune</b> ngu	
Imphindza kabili <b>yesihlanu</b> ngu	
Imphindza kabili <b>yesitfupha</b> ngu	
Imphindza kabili <b>yesikhombisa</b> ngu	



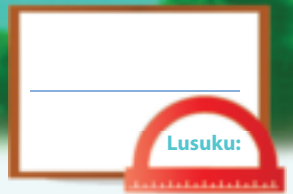
Cedzela lithebula.

$9 + 9 + 1 =$ <input type="text"/>	noma	Imphindza kabili ya $9 + 1 =$ <input type="text"/>
<input type="text"/>	noma	Imphindza kabili ya $8 + 1 =$ <input type="text"/>
$10 + 10 + 1 =$ <input type="text"/>	noma	<input type="text"/>
$7 + 7 + 1 =$ <input type="text"/>	noma	Imphindza kabili ya $7 + 1 =$ <input type="text"/>



Teacher:  
Sign:  
Date:





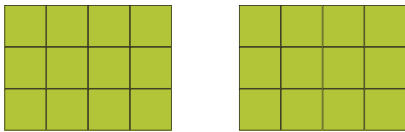
# Kuhhafula

Ithemu 4

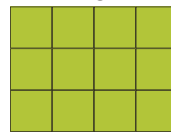


Phendvula loku lokulandzelako:

Tingaki tikwele letikhona?



Sekunakungaki manje?



Sitsi ihhafu yema - 24 ngu 12.

Mingaki imilente lekhona?

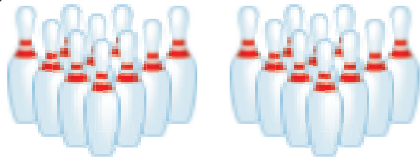


Mingaki imilente lekhona manje?



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





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	



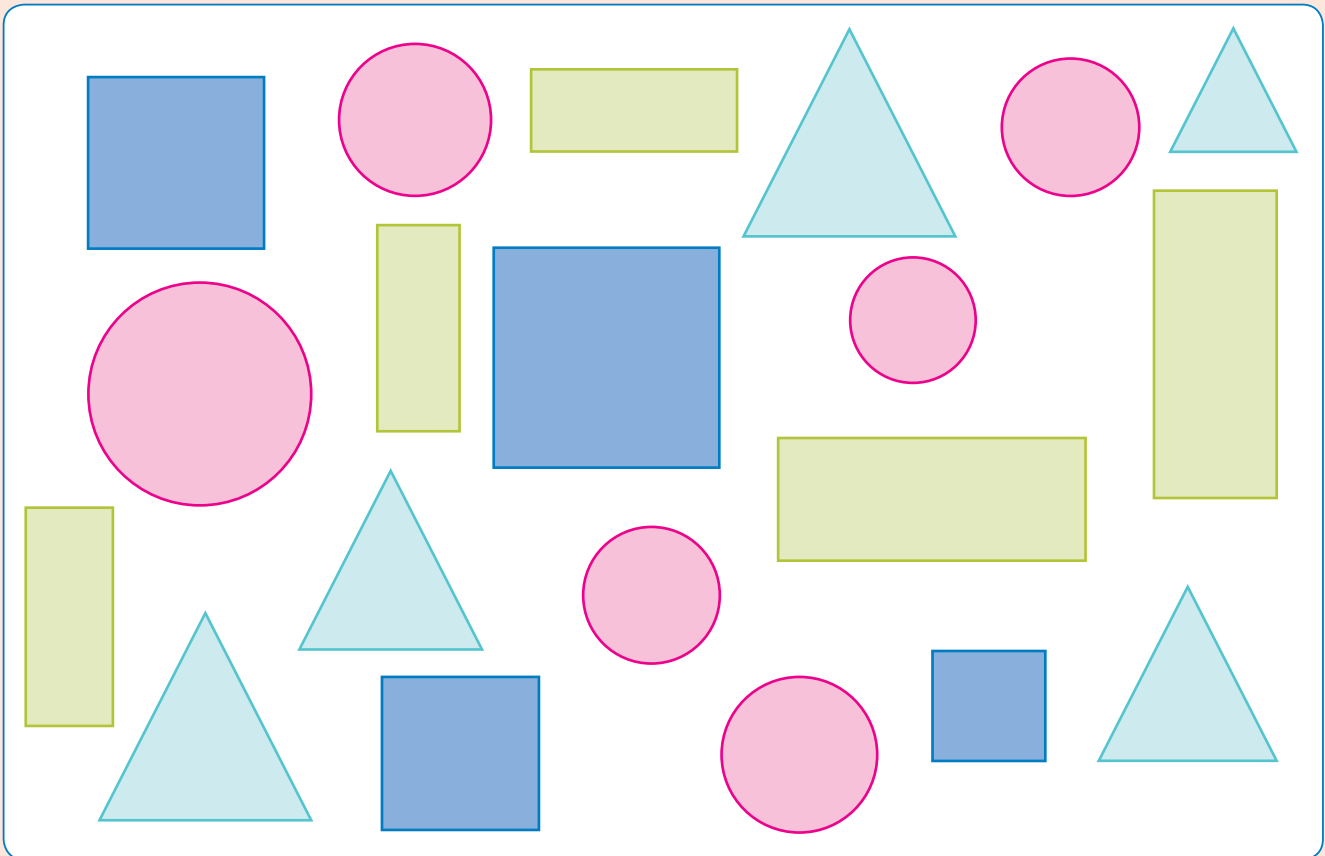
Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



# 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-orintji

Bangaki bantfwana labatsandza emasitrobheri?	
Bangaki bantfwana labatsandza emahhabhula?	
Bangaki bantfwana labatsandza emapheya?	
Bangaki bantfwana labatsandza bhanana?	
Bangaki bantfwana labatsandza ema-orintji?	
Ngusiphi sitselo bantfwana labasitsandza kakhulu?	
Ngusiphi sitselo bantfwana labangasisitsandzi kakhulu?	

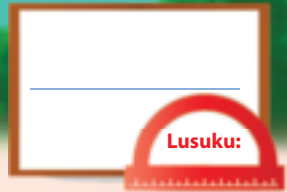


Teacher:  
Sign:  
Date:



11 12 13 14 15 16 17 18 19 20





# Sichubeka ngemininingwane

Ithemu 4



Bantfwana ekilasini banalamathoyizi lalandzelako. Kungaki kwaluhlobo ngalunye labanako?



Cedzela lithebula.

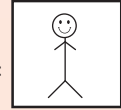
Lithoyizi	Inombolo
Bomdoli	
Emaloli	
Bothedi	
Emarobhothi	



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

Emathoyizi lesinawo

Inkhomba =



Bomdoli	Emaloli	Bothedi	Emarobhothi

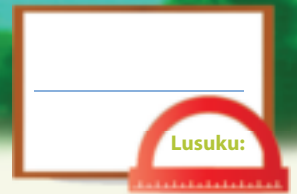


Phendvula lemibuto. Buka lomdvwebo - sitfombe kukusita.

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



Teacher:  
Sign:  
Date:

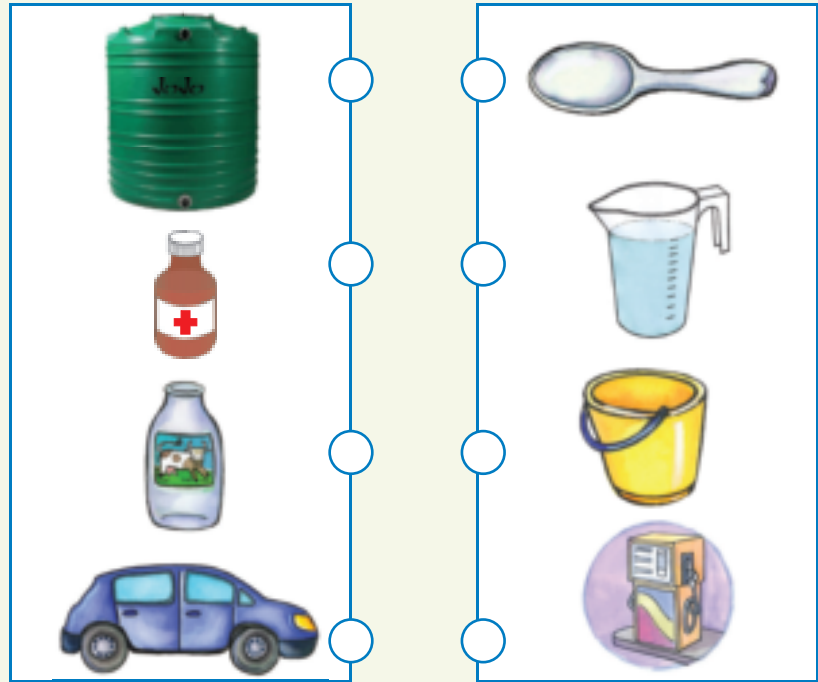


Litsamo

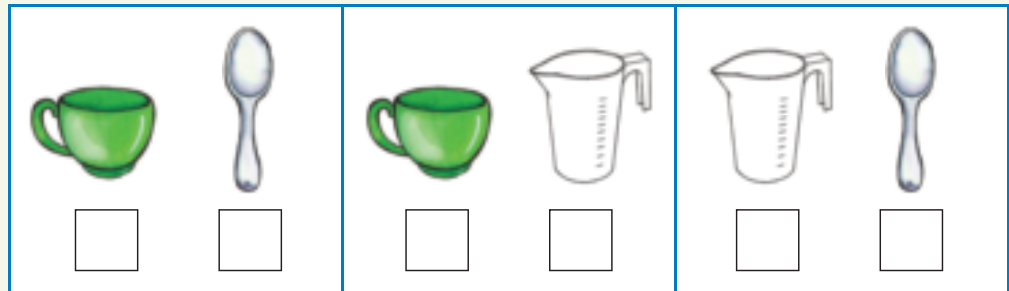
Ithemu 4



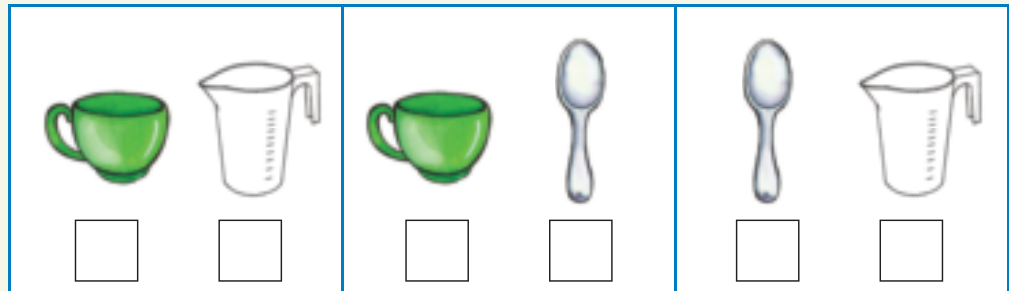
Sikukala njani lokusamanti?  
Dvweba umugca kucondzanisa  
lentfo kanye nelithuluzi lekuyikala  
lelifanele.



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.

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Faka umbala esikalini lesingiso salokusamanti.

 1	+	 2	=	 <input type="text"/>
 2	+	 2	=	 <input type="text"/>
 2	+	 3	=	 <input type="text"/>

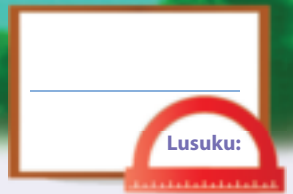


Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_





# Emaphethini esijiyometri

Ithemu 4



Cedzela lamaphethini.

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

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

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

A	B	B	A	B	B		B	B	A		
---	---	---	---	---	---	--	---	---	---	--	--

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

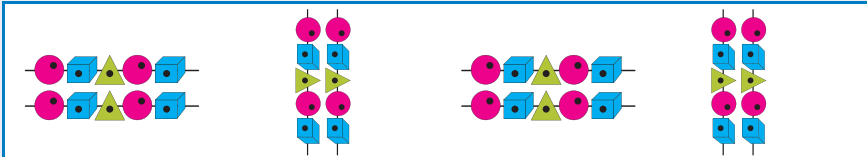
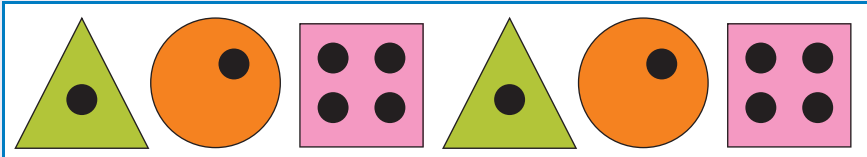
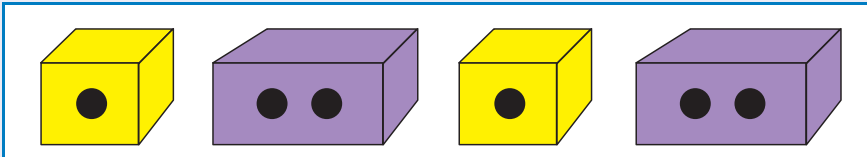
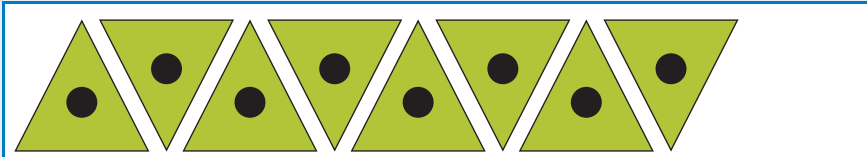
A	D	A	D	A	D			A	D		
---	---	---	---	---	---	--	--	---	---	--	--

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





Chuba lephethini.

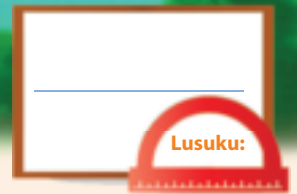


Yakha akakho emaphethini usebentisa tindilinga, tikwele nabocalantsatfu.



Teacher:  
Sign:  
Date:



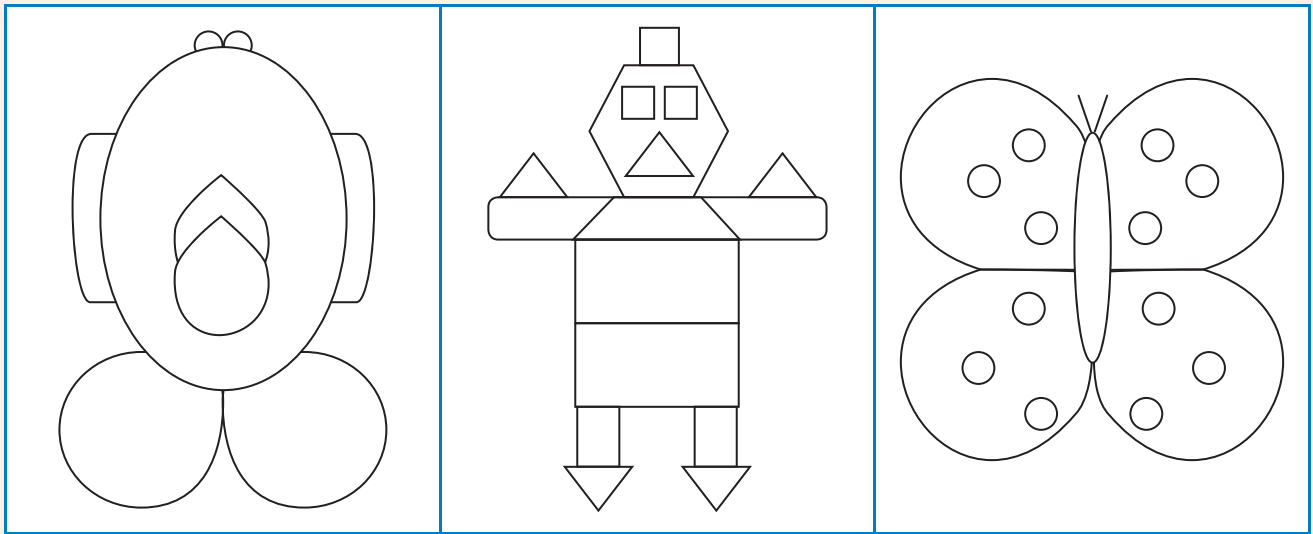


# Sitfombe - sibuko

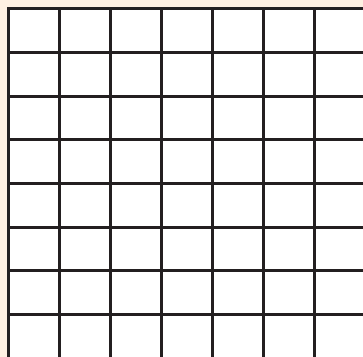
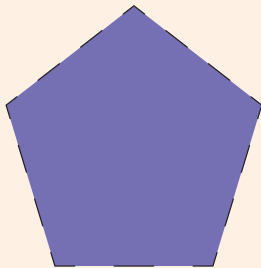
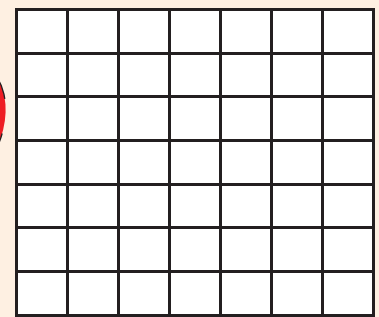
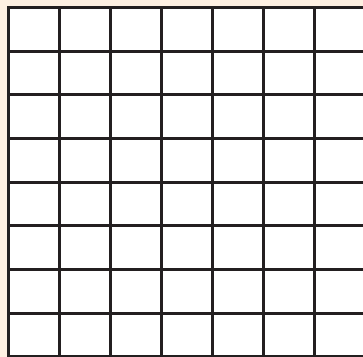
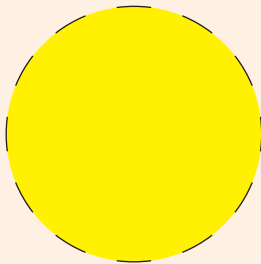
Ithemu 4



Dvweba umugca sibuko lowehlukanisa lesitfombe sibe bohhafu lababili labalinganako. Faka umbala kuhhafu munye wesitfombe ngasinye.



Kopa labobunjwa, bese udvweba umugca sibuko.





Cedzela lesitfombe ngekudweba lohhafu afane ncwe nalona lomunye.




Dweba lona lomunye hhafu wabunjwa.

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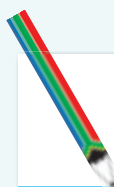
Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Émanotsi



A large white rectangular area with a vertical red margin line on the left and horizontal blue lines for writing.

# Émanotsi



A large rectangular writing area with a light blue background. It features a vertical red margin line on the left side and horizontal blue lines for writing. The area is currently blank.

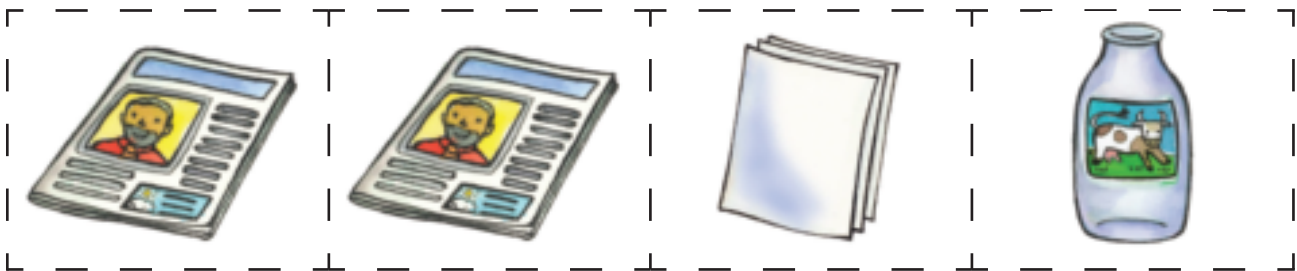
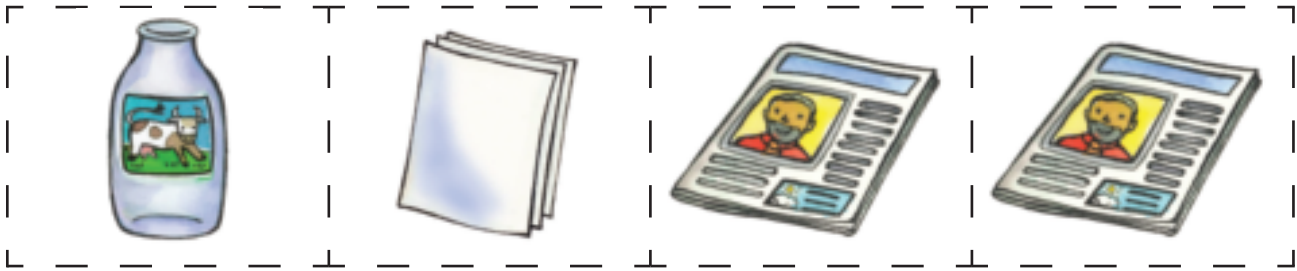
# Émanotsi



A large white rectangular area with horizontal blue lines for writing. A vertical red line is positioned on the left side, creating a margin. The lines are evenly spaced and extend across the width of the page.

# Cut-out 1

Worksheet 79





## Cut out cards 2

### Worksheet 83

45	50	40	40	30	35
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### Worksheet 84

70	65	75	80	70	60
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### 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						

