

Nkhskt. Angie Motshekga, iNdvuna yeMfundvo yeSisekelo



UMnu Enver Surty. Liphini leNdvuna yeMfundvo yeSisekelo

Letincwadzi tekusebentela tikhicitelwe bantfwana baseNingizimu Afrika ngekuholwa yiNdvuna yeTemfundvo yeSisekelo. Nkhskt Angie Motshekga akanye neLiphini lakhe uMnu Enver Surty.

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

Siyetsemba kutsi bothishela batatitfola tilusito kakhulu letincwadzi tekusebentela basafundzisa malanga onkhe kute bafundzi bakhone kucedza luhlelo lwabo lwekufundza. Setame, ngekucophelela 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.



ISBN 978-1-4315-0133-5



Rainbow WORKBOOKS

MATHEMATICS IN SISWATI
GRADE 1 – BOOK 2
TERMS 3 & 4
ISBN 978-1-4315-0133-5
THIS BOOK MAY NOT BE SOLD.

1 2 3 4

Published by the Department of Basic Education
222 Struben Street
Pretoria
South Africa

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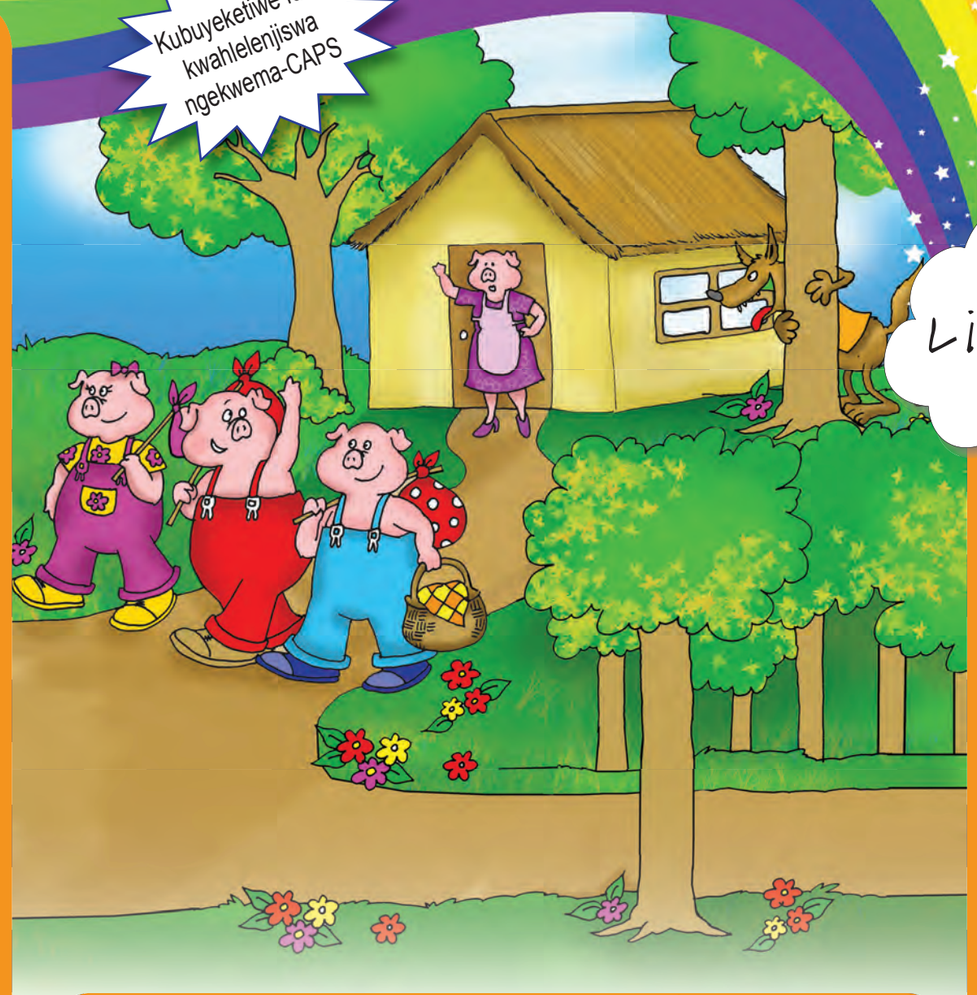

Libanga 1

Ligama:

Likilasi:

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Department:
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Emathemu 3 & 4

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1 2 3 4 5

6 7 8 9 10

11 12 13 14 15

16 17 18 19 20

\+ − x ÷

= = 1–20





Libanga

Rainbow WORKBOOKS

Tibalo

NGESISWATI

Lencwadzi ya:



SISWATI

Incwadzi

2

Lusuku:

Condzisisa inombolo II

Sibuyeketo:

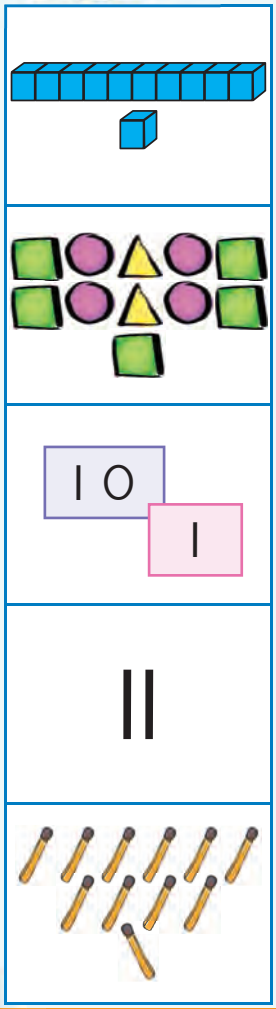
Tifundzise kubhala letinombolo.

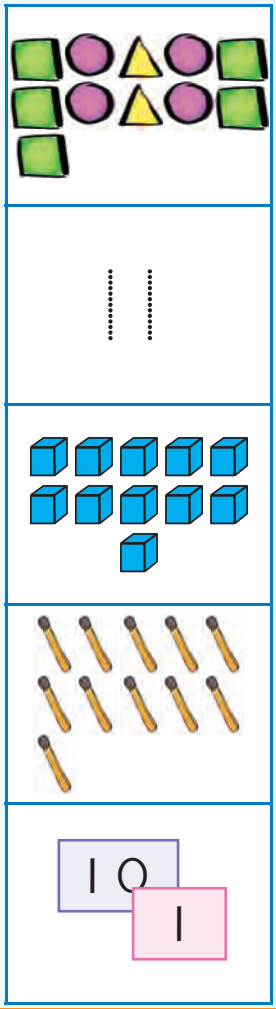
kunye — 1 1

kubili — 2 2



Condzanisa letitfombe.

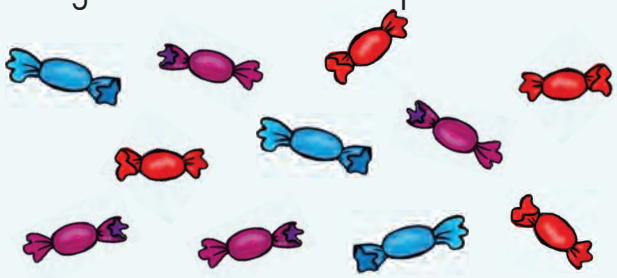






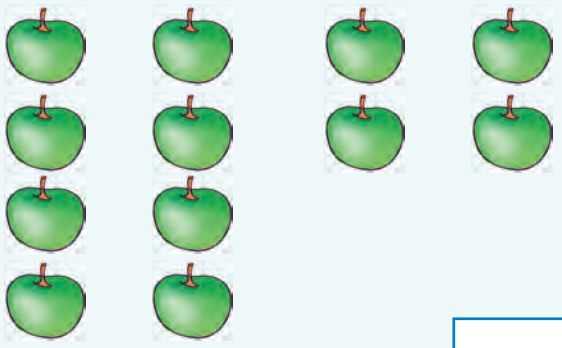
Biyela letintfo.

Biyela emaswidi lali-10 kuphela.



Mangaki emaswidi lasele?

Biyela emahhabhula lali-10 kuphela.



Mangaki emahhabhula lasele?

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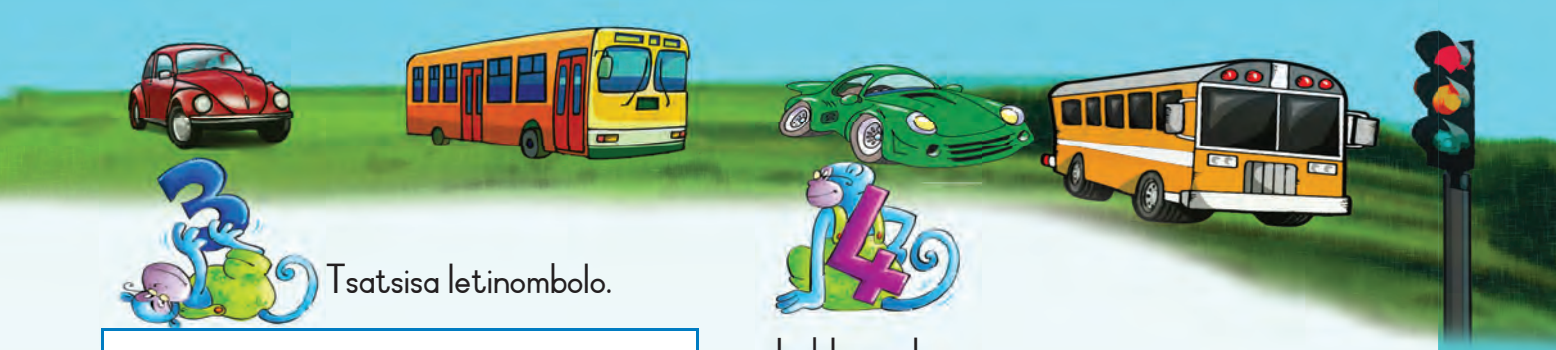


Tsatsisa letinombolo.

II	II	II	II
lishumi–nanye			
II	II	II	II

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

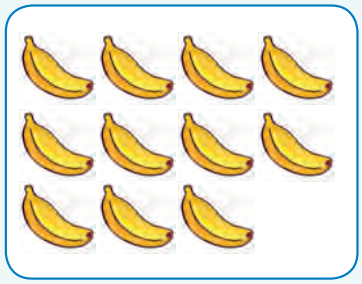
3	5	4
4	5	
4		2
II	II	II

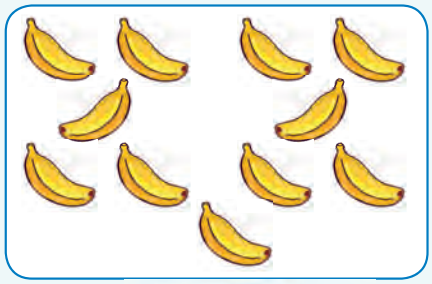
Dvweba li-II letintfo.

Gcwalisa letinombolo letishiyiwe.

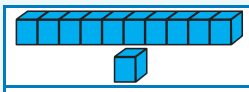
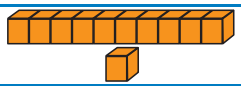
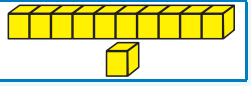
1	2		4	

Bala letintfo.





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

		lishumi-nanye
	II	lishumi-nanye
II		
	lishumi–nanye	

Ngubani kunye ngaphasi kweli-II? _____

Ngubani kunye ngetulu kweli-II? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Lusuku:

Condzisisa inombolo 12

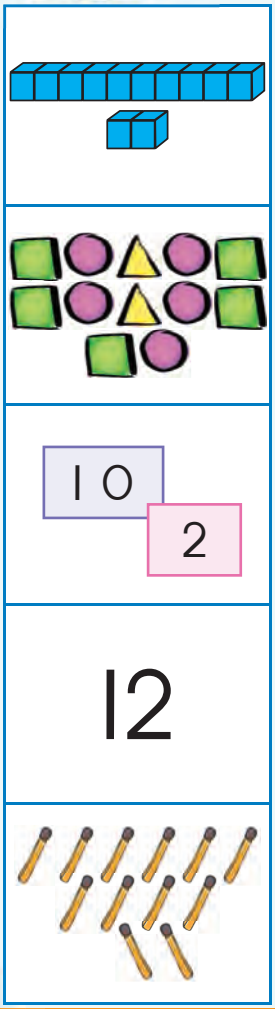
Sibuyeketo:

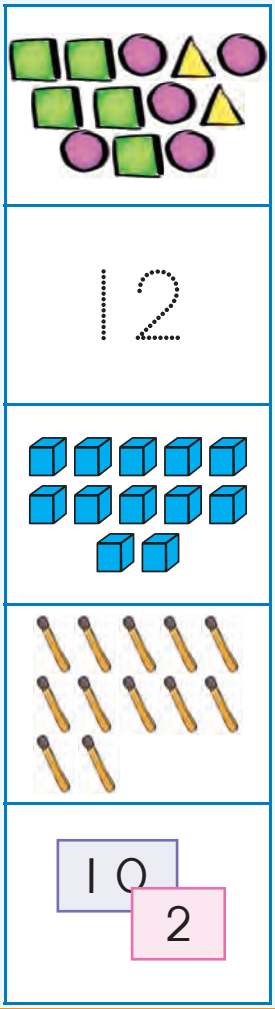
Tifundzise kubhala letinombolo.

kutsatfu	3 3
kune	4 4



Condzanisa letitfombe.







Biyela letintfo.

Biyela ticatfulo letili-10 kuphela.



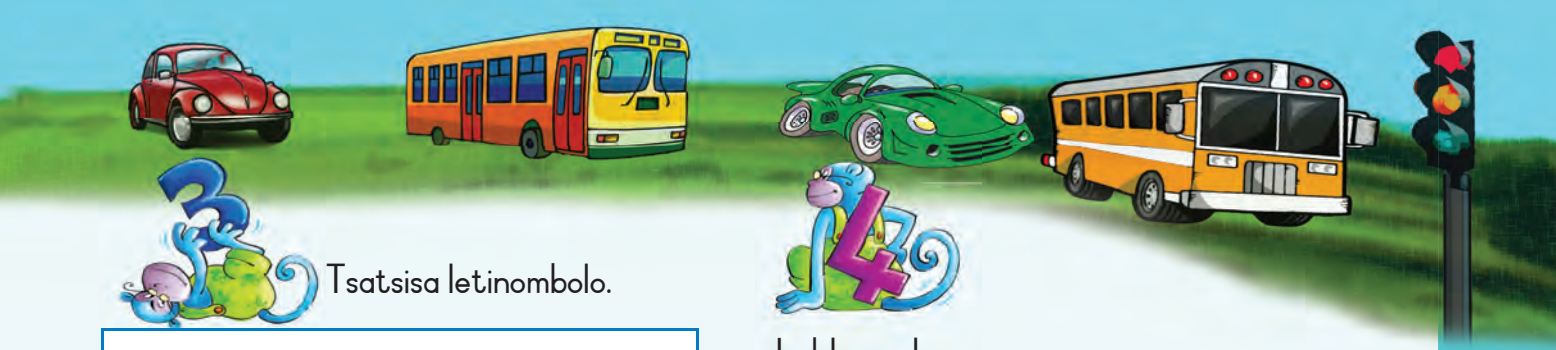
Tingaki ticatfulo letisele?

Biyela emagobongo elwandle lali-12 kuphela.



Mangaki emagobongo elwandle lasele?

0 1 2 3 4 5 6 7 8 9 10



Tsatsisa letinombolo.

12	12	12	12
lishumi–nambili			
12	12	12	12

Luhlu ngalunye kufute luhlanganise kufike ku 12. Gcwalisa letinombolo letishiyiwe.

	7	6
4		4
3	2	
12	12	12

Dvweba li-12 letintfo.

Gcwalisa letinombolo letishiyiwe.

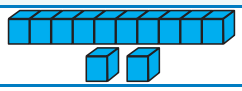
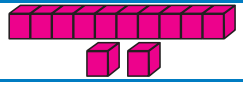
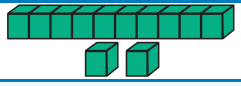
3		5			
8			11		

Bala letintfo.





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

		lishumi-nambili
	12	lishumi–nambili
		12
	lishumi–nambili	

Ngubani kunye ngaphasi kweli-12? _____

Ngubani kunye ngetulu kweli-12? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Lusuku:

Condzisisa inombolo 13

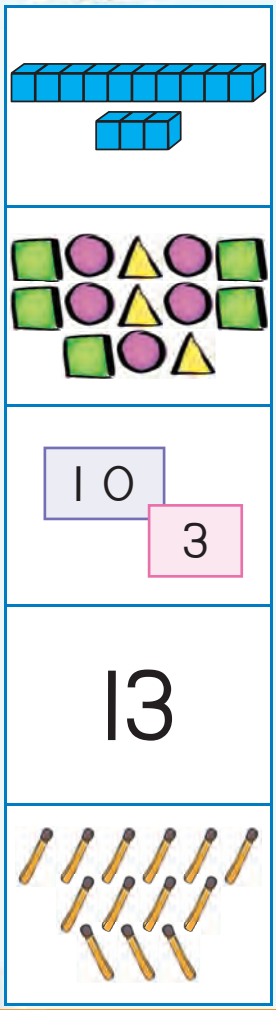
Sibuyeketo:

Tifundzise kubhala letinombolo.

 sihlanu	5 5
 sitfupha	6 6



Condzanisa letitfombe.





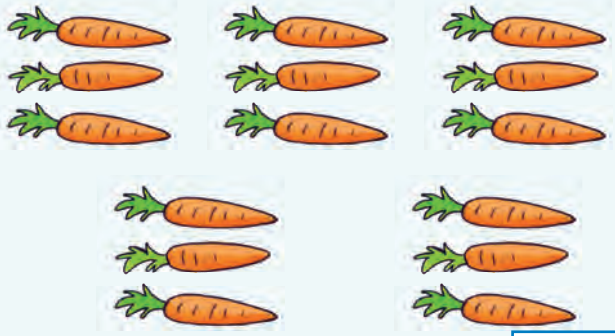
Biyela letintfo.

Biyela emakati lali-10 kuphela.



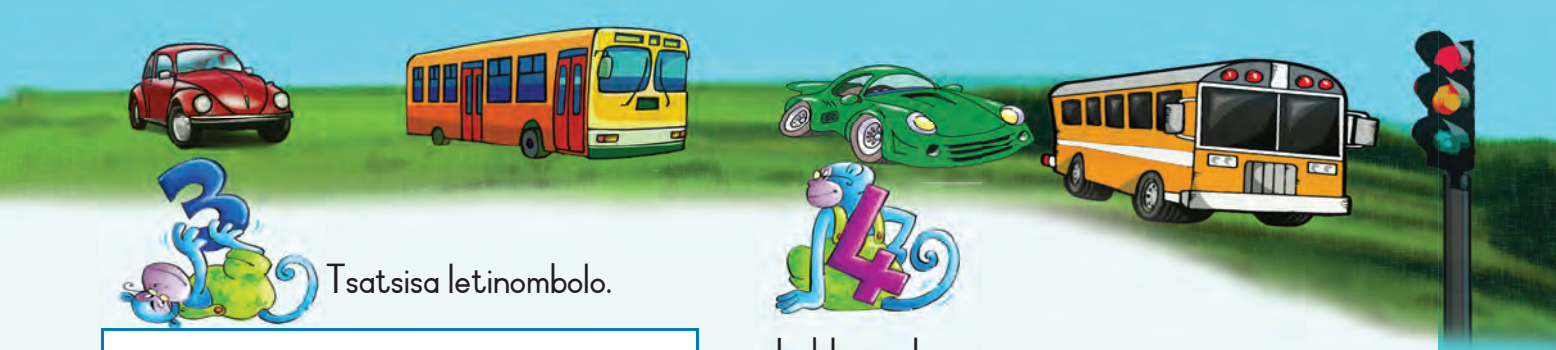
Mangaki emakati lasele?

Biyela ticadze letili-13 kuphela.



Tingaki ticadze letisele?

0 1 2 3 4 5 6 7 8 9 10



Tsatsisa letinombolo.

13	13	13	13
lishumi-nantsatfu			
13	13	13	13

Luhlu ngalunye kufute luhlanganise kufike ku 13. Gcwalisa letinombolo letishiyiwe.

1	2	6
1		
	3	2
13	13	13



Dvweba li-13 letintfo.

Manje tidvwebe ngendlela leyehlukile.

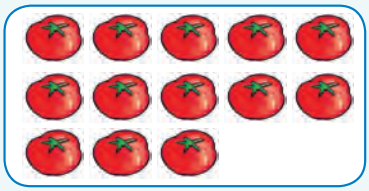


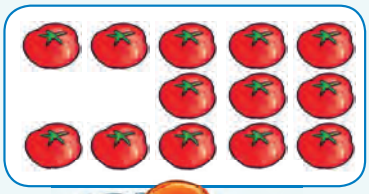
Gcwalisa letinombolo letishiyiwe.

	10		12	



Bala letintfo.

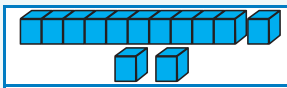
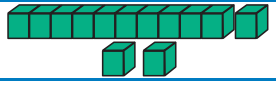
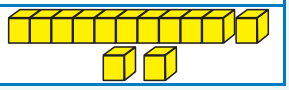






Cedzela lithebula. Luhele ngalunye lunesitfombe, inombolo neligama laleyo nombolo.



		lishumi-nantsatfu
	13	lishumi-nantsatfu
13		
	lishumi-nantsatfu	

Ngubani kunye ngaphasi kweli-13? _____

Ngubani kunye ngetulu kweli-13? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

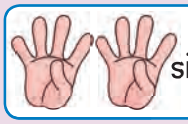
Lusuku:

Condzisisa inombolo 14

Sibuyeketo:

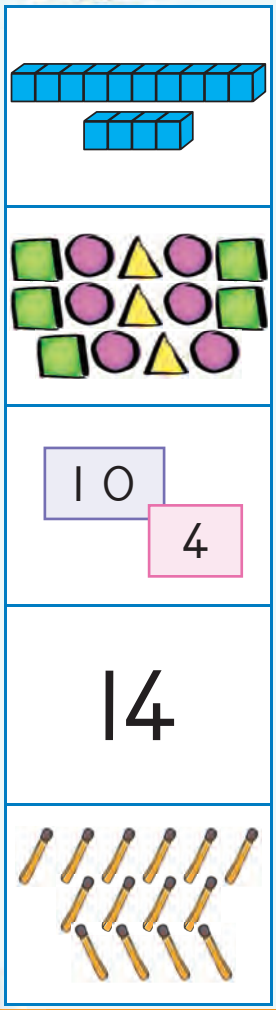
Tifundzise kubhala letinombolo.

 sikhombisa — 7 7

 siphohlongo — 8 8



Condzanisa letitfombe.





Biyela letintfo.

Biyela emavivane lali-10 kuphela.



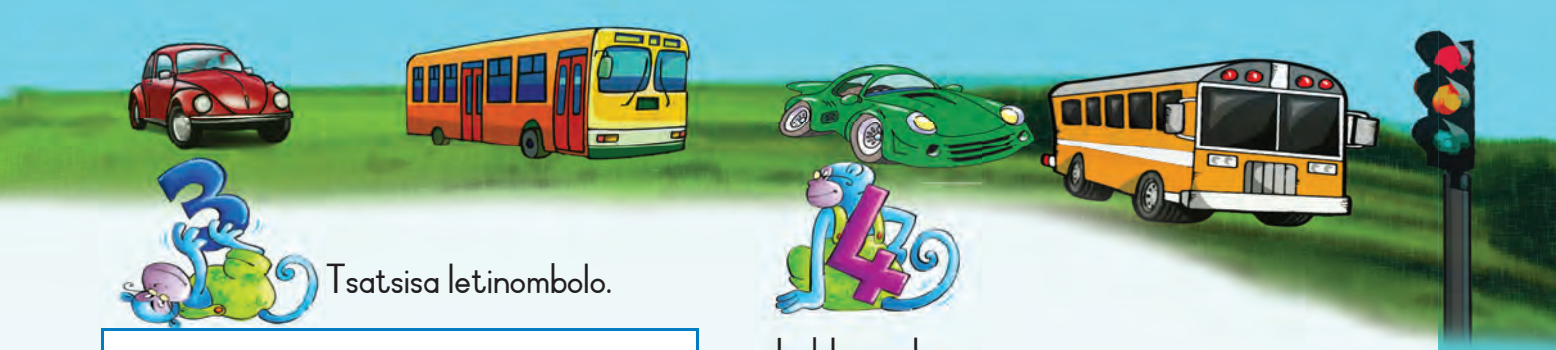
Mangaki emavivane lasele? ☐

Biyela emaloko lali-14 kuphela.



Mangaki emaloko lasele? ☐

0 1 2 3 4 5 6 7 8 9 10



Tsatsisa letinombolo.

14	14	14	14
lishumi-nane			
14	14	14	14

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

1		2
	5	1
3	2	
14	14	14

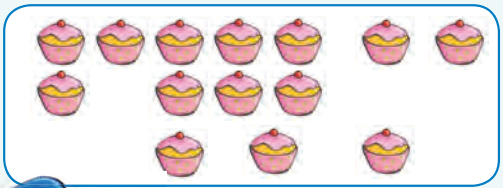
Dvweba li-14 letintfo.

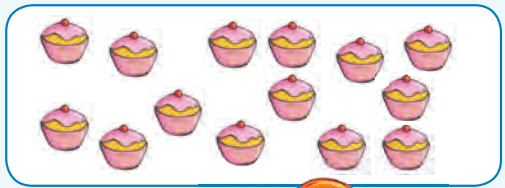
Manje tidvwebe ngendlela leyehlukile.

Gcwalisa letinombolo letishiyiwe.

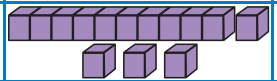
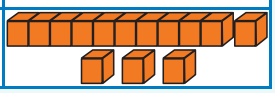


Bala letintfo.





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

	14	lishumi-nane
		
14		
	lishumi-nane	

Ngubani kunye ngaphasi kweli-14? _____

Ngubani kunye ngetulu kweli-14? _____

Teacher:
Sign:
Date:

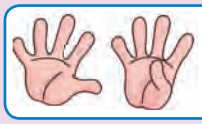
11 12 13 14 15 16 17 18 19 20

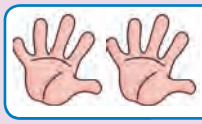
Lusuku:

Condzisisa inombolo 15

Sibuyeketo:

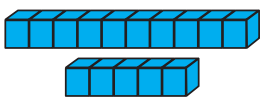
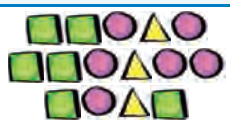
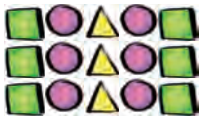
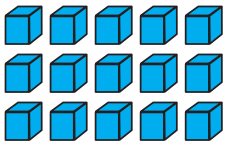
Tifundzise kubhala letinombolo.

 imfica — 9 9

 lishumi — 10 10



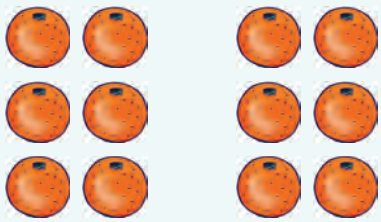
Condzanisa letitfombe.

	
	15
10 5	
15	
	10 5



Biyela letintfo.

Biyela ema-orintji lali-10 kuphela.



Mangaki ema-orintji lasele?

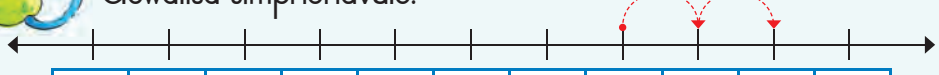
Biyela tinkhanyeti letili-15 kuphela.



Tingaki tinkhanyeti letisele?



Gcwalisa timphendvulo.

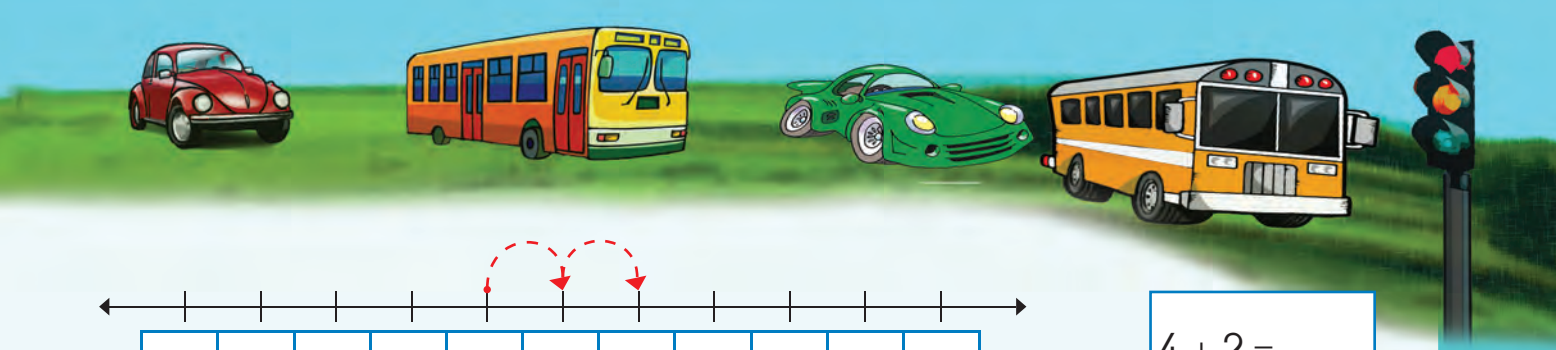


0	1	2	3	4	5	6	7	8	9	10

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



Dvweba 15 wetintfo.

Manje kudvwebe ngendlela leyehlukile.



Gcwalisa letinombolo letishiyiwe.

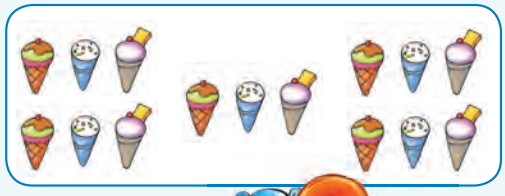
11 12 13 15

15 13 12



Bala letintfo.

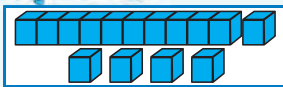






Cedzela lithebula. Luhele ngalunye lunesitfombe, inombolo neligama laleyo nombolo.



	15	lishumi-nesihlanu
		
		lishumi-nesihlanu
15		

Ngubani kunye ngaphasi kweli-15? _____

Ngubani kunye ngetulu kweli-15? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Lusuku:

Kuhlanganisa kufika ku 20 – Kubala uchubeke

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

6 sitfupha

1

Bukisisa lesitfombe bese ubhala umusho wangakunye ngakunye.

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

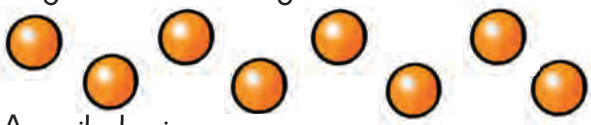


Ase sibale:

3 ... 4 5 6 7 8

☐ + ☐ = ☐

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



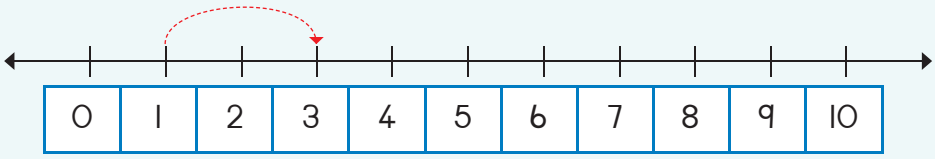
Ase sibale siye emuva:

8 ... 7 6 5 4

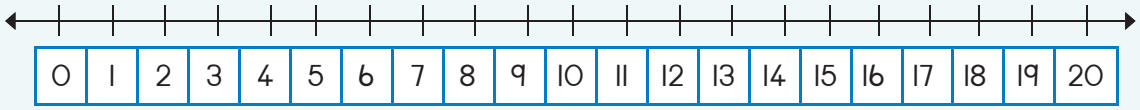
☐ – ☐ = ☐

2

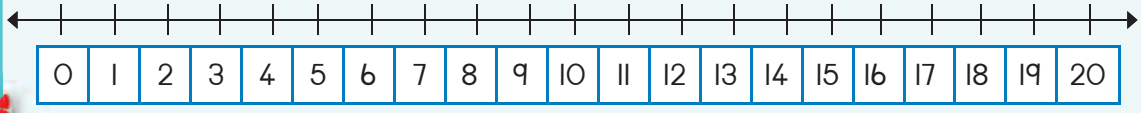
Gcwalisa timphendvulo.



1 + 2 = ☐

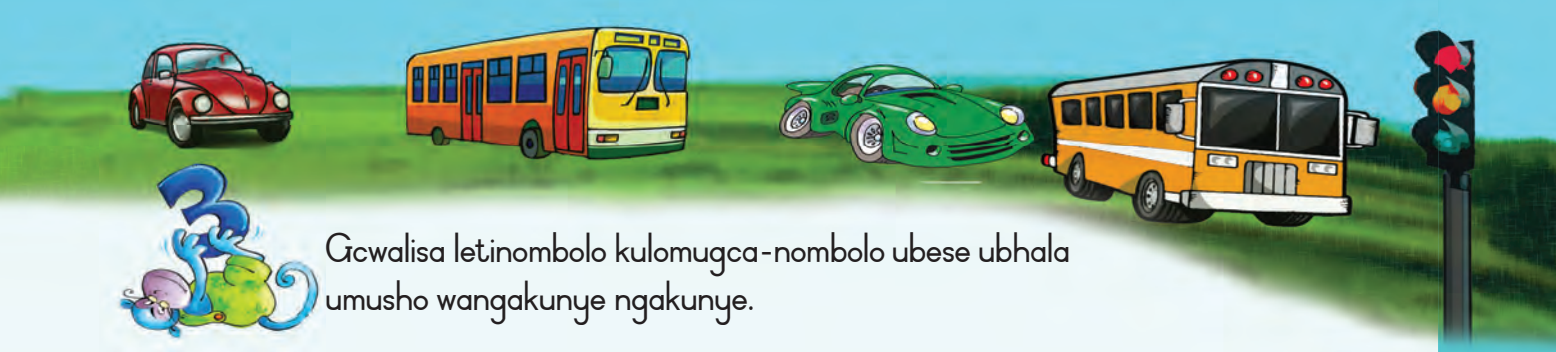


13 + 2 = ☐

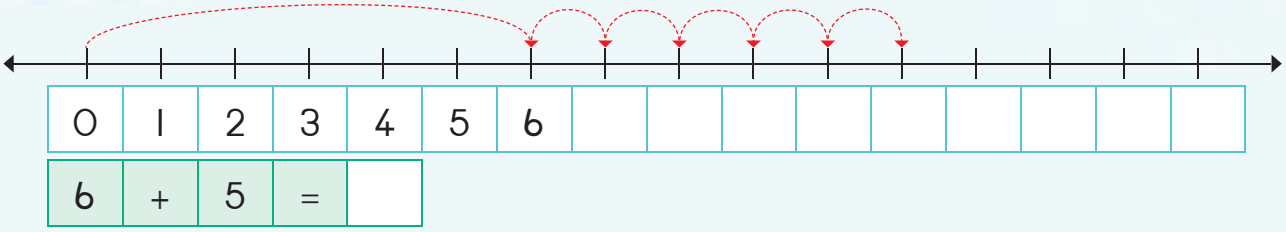


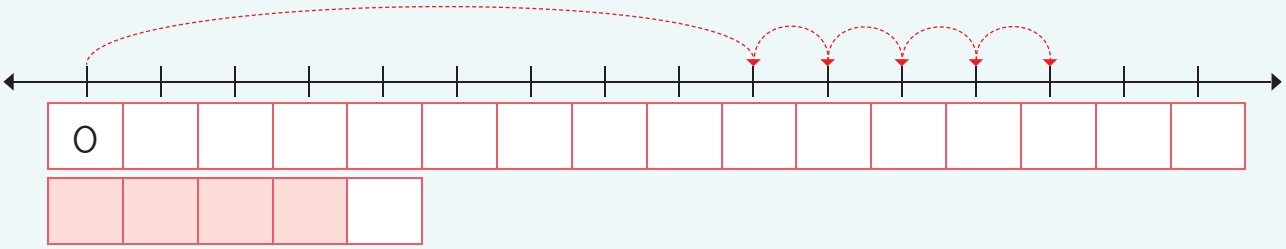
15 + 2 = ☐

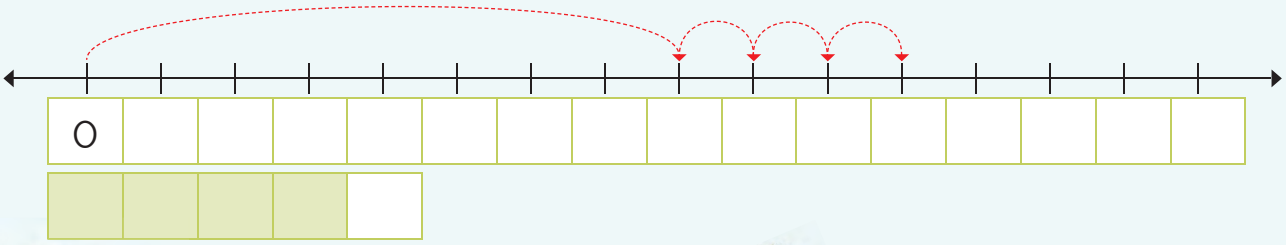
0 1 2 3 4 5 6 7 8 9 10



Gcwalisa letinombolo kulomugca-nombolo ubese ubhala umusho wangakunye ngakunye.









Ngeta ku-2.

3	5
4	
2	



7	
8	
6	



Gcwalisa letinombolo.

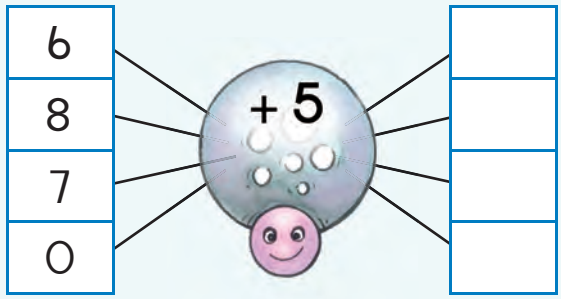


Sita bulembu kucedzela sibalo.

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

7					

Ngitabe ngine _____ weminyaka.





11 12 13 14 15 16 17 18 19 20

Lusuku:

Kuhlanganisa – kubumba nekuvutfuta tinombolo kufika ku 10

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

7 sikhombisa



Gcwalisa imphendvulo.

3 + 3 = ☐ 

0 + 5 = ☐ 

3 + 2 + 1 = ☐ 

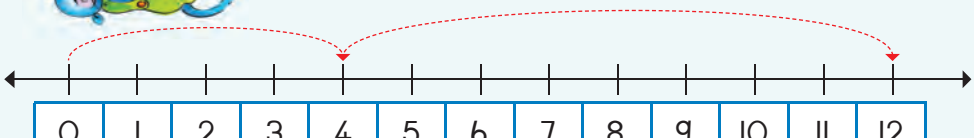


Faka umbala kukhombisa loku lokulandzelako.

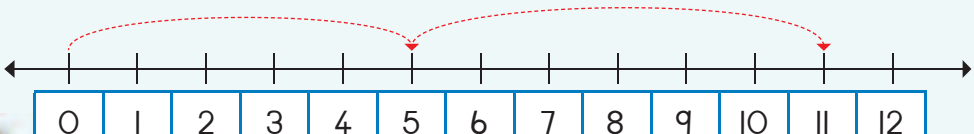
3 + 9	●●●●●●●●●●●●
4 + 8	○○○○○○○○○○○○
5 + 7	○○○○○○○○○○○○
6 + 6	○○○○○○○○○○○○
7 + 5	○○○○○○○○○○○○



Bhala sibalo saloku:

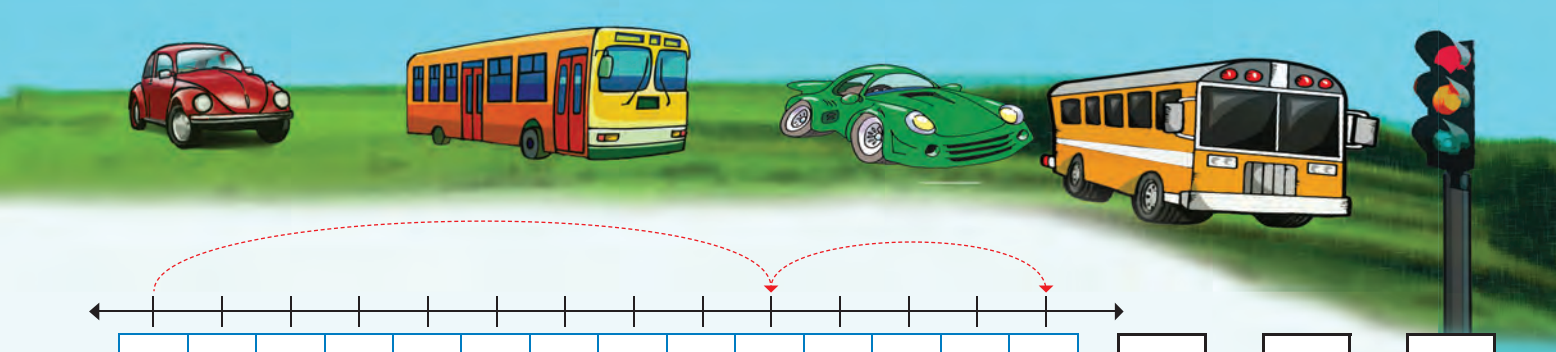


☐ + ☐ = ☐



☐ + ☐ = ☐

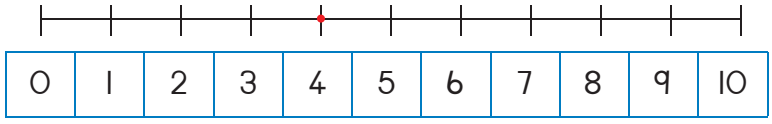
0 1 2 3 4 5 6 7 8 9 10



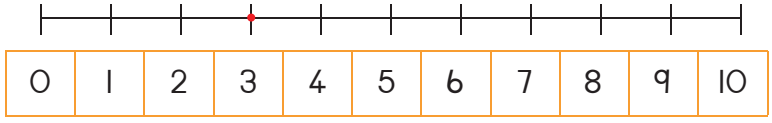
☐ + ☐ = ☐



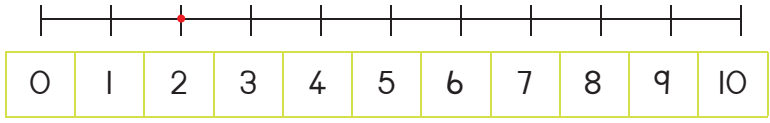
Cedzela lomugca-nombolo bese ugcwalisa imphendvulo.



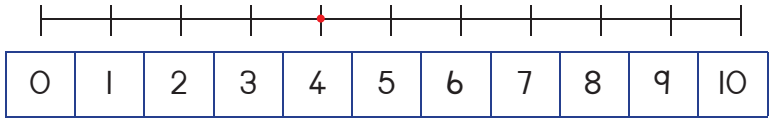
4 + 5 + 1 = ☐



3 + 3 + 2 = ☐



2 + 4 + 3 = ☐



4 + 3 + 2 = ☐



Sombulula loku lokulandzelako ngekudvweba letitfombe.

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

☐ + ☐ = ☐

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

☐ + ☐ = ☐

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Lusuku:

Kuhlanganisa – kubumba nekuvutfuta tinombolo kufika ku 20

Sibuyeketo:

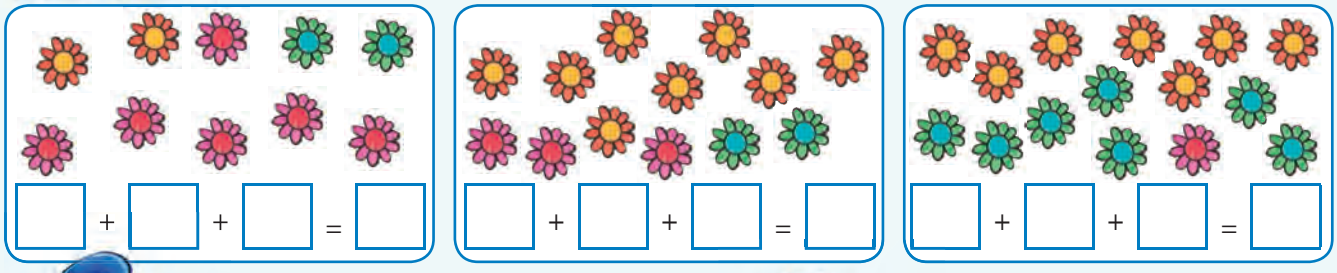
Tifundzise kubhala ligama nombolo.

8	siphohlongo

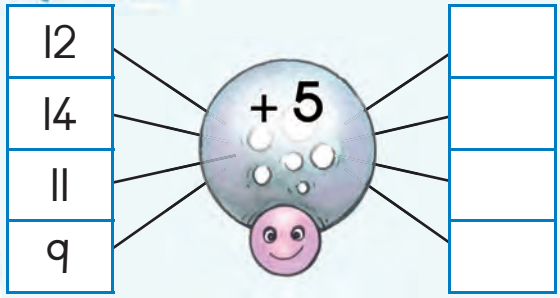
1 Gcwalisa imphendvulo.

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

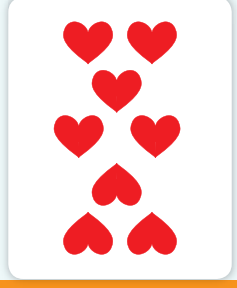
2 Sebentisa imibala leyehlukene yetimbali kwakha yakakho imisho-nombolo.



3 Sita bulembu kucedzela letibalo.



4 Tingaki tinhlitiyo?



Yenta sibalo sakakho.

☐ + ☐ = ☐

0 1 2 3 4 5 6 7 8 9 10



Condzanisa lamaphahla etinombolo kwakha letinombolo letilandzelako.

13

7	5
8	4
9	6
10	2
11	3

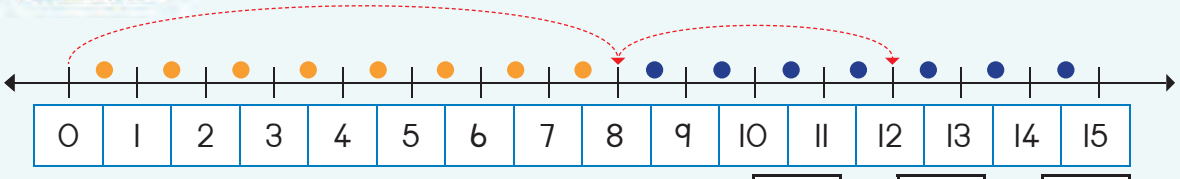
11

6	7
7	4
3	8
4	5
5	6

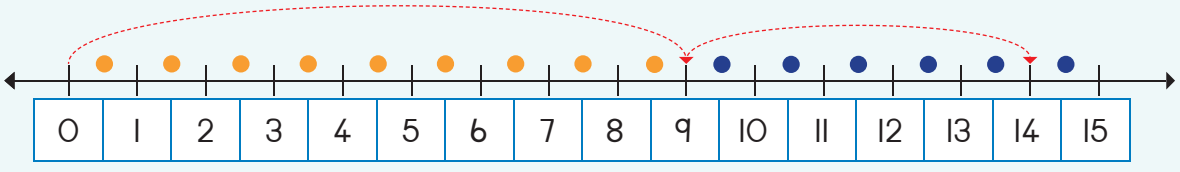
12

8	6
10	1
4	8
11	4
6	2

Bhala umusho nombolo waloku:



□ + □ = □



□ + □ = □

Sibuyeketo:

Sibuyeketo: Faka umbala emphendvulweni lengiyo.

			
licala langembili	licala langembili	licala langembili	licala langembili
licala langemuva	licala langemuva	licala langemuva	licala langemuva
licala laseceleni	licala laseceleni	licala laseceleni	licala laseceleni

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Lusuku:

Kuhlanganisa nekususa – kubumba nekuvutfuta

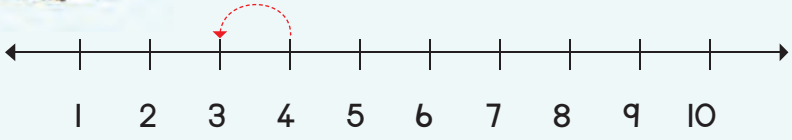
Sibuyeketo:

Tifundzise kubhala ligama nombolo.

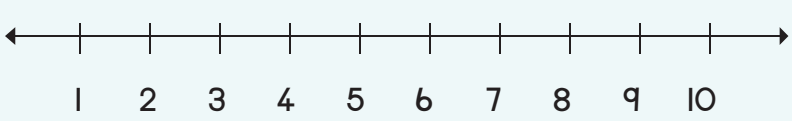
9 | imfica



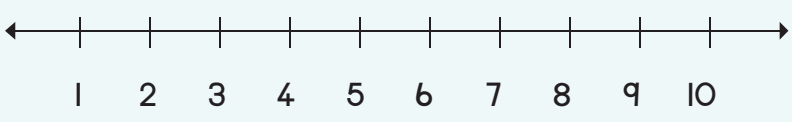
Gcwalisa imphendvulo.



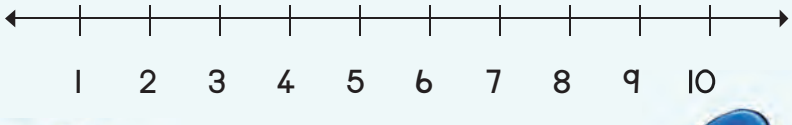
4 – 1 = ☐



5 – 3 = ☐



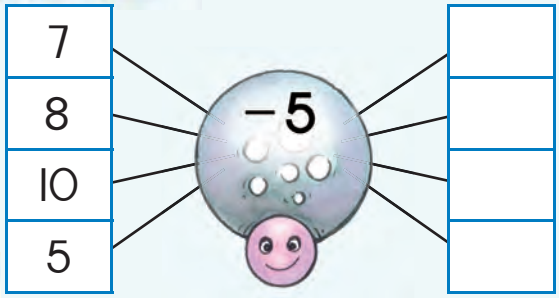
4 – 2 = ☐



5 – 2 = ☐

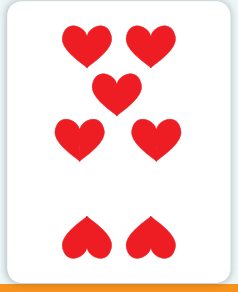


Sita bulembu kucedzela letibalo.



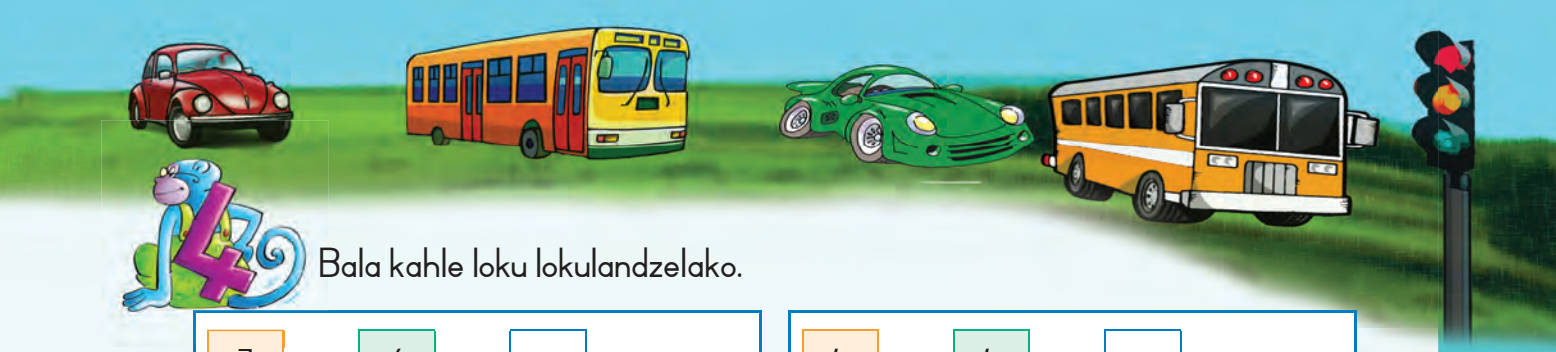


Tingaki tinhlitiyo?



Yenta sibalo sakakho.

☐ + ☐ = ☐



4 Bala kahle loku lokulandzelako.

7	+	4	=		6	+	6	=	
7	+	4	+	1	=		6	+		+		=	
10	+	1	=		10	+		=	
13	–	6	=		12	–	8	=	
13	–	3	+	3	=		–		+		=	
10	–	3	=		10	–	3	=	

5 Bhala timphendvulo futsi ufake umbala bese uyadvweba.

8 + 6 = ☐

Loku singabuye sikukhombise kanje:

(8 + 2) + 4 = ☐ → 10 + 4 = ☐

15 – 7 = ☐

Loku singabuye sikukhombise kanje:

(15 – 5) – 2 = ☐ → 10 – 2 = ☐

9 + 4 = ☐

Loku singabuye sikukhombise kanje:

(9 + 1) + 3 = ☐ → ☐

14 – 5 = ☐

Loku singabuye sikukhombise kanje:

(–) – 1 = ☐ → 10 – 1 = ☐

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

10 lishumi

Teacher:
Sign:
Date:

Lusuku:

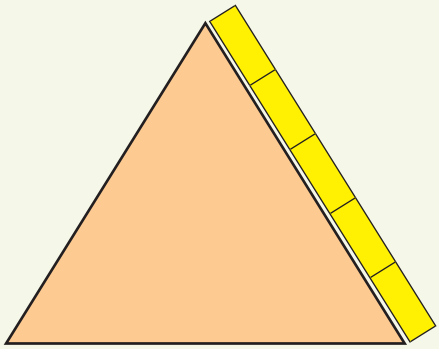
Budze

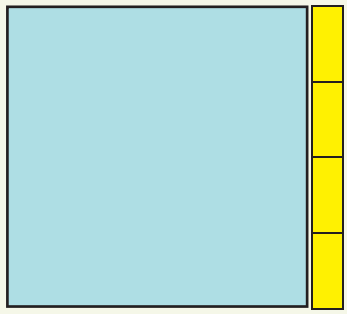
1 Bukisisa lesitfombe bese uphendvula lemibuto.

Jabu	Philile	Nomsa	Ken
			

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

2 Bungemabhuloki lamangaki budze bemacala alabobunjwa?









Buyini budze nebubanti belitafula ngebudze bemabhuloki nebepeniseli?



Bubanti bungu _____ wemabhuloki.

Budze bungu _____ wemabhuloki.

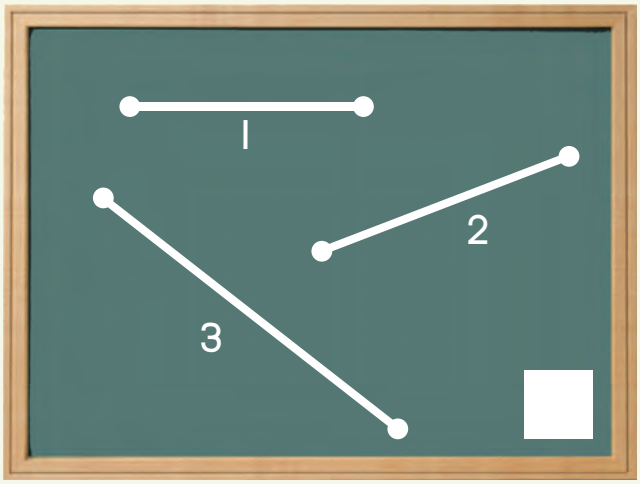


Bubanti bungu _____ wemabhuloki.

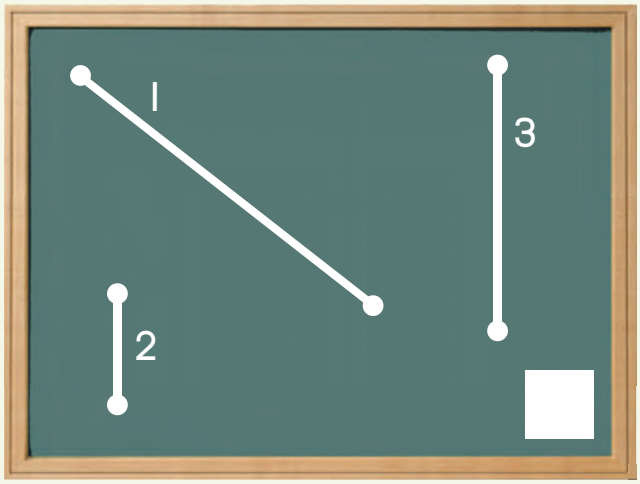
Budze bungu _____ wemabhuloki.



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



Ngumuphi umugca lomudzekati?
Umugca 1, 2 noma 3?



Teacher:
Sign:
Date:

Lusuku:

Ithemu 3

Imali nentjintji

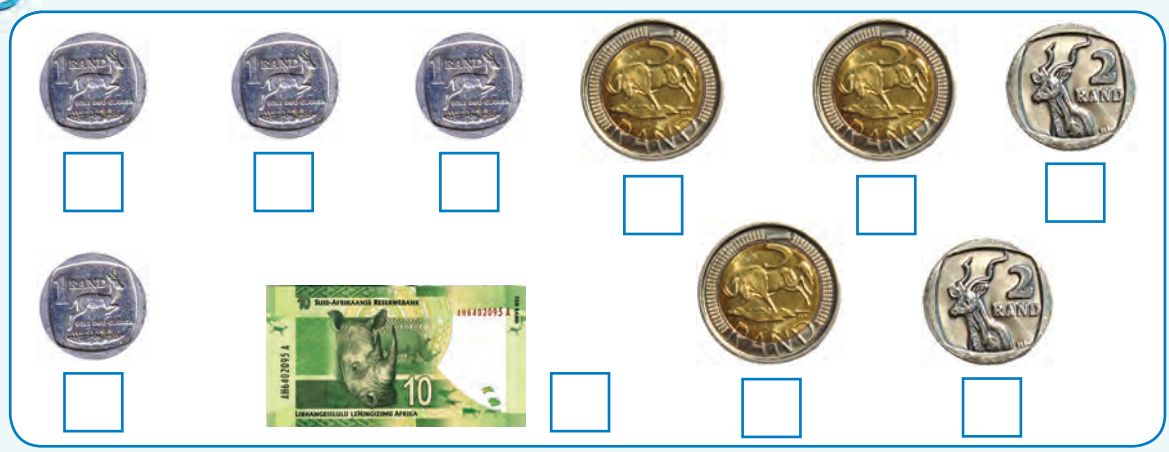
1 Faka luphawu ✓ enanini lelikhulu kakhulu luhele ngalunye.



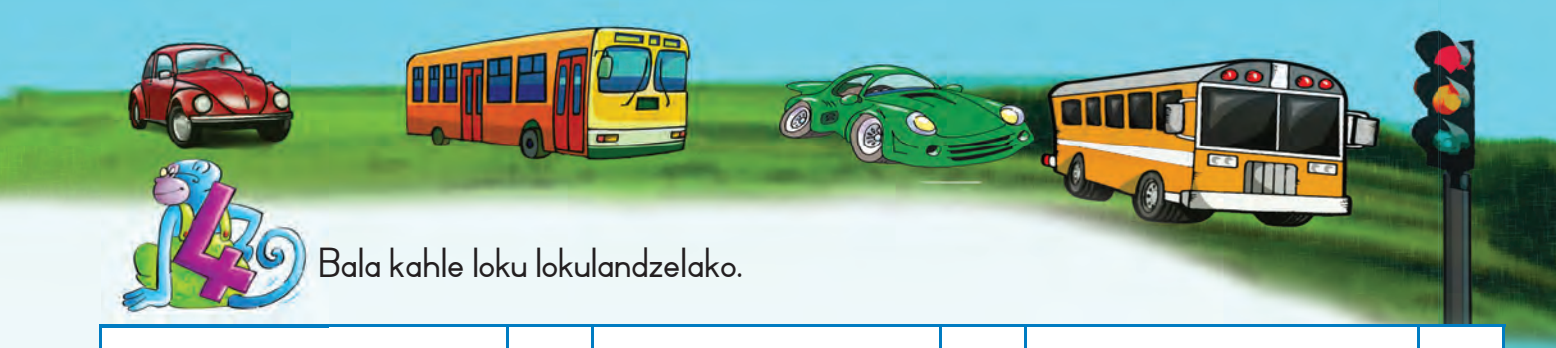
2 Faka luphawu ✓ ebuhhehlwini lobutakunika R10.



3 Faka luphawu ✓ ebuhhehlwini lobutakunika R20.



0 1 2 3 4 5 6 7 8 9 10



Bala kahle loku lokulandzelako.

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

Sombulula loku lokulandzelako:

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

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

Ngina RI5:

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

Bala kahle loku lokulandzelako:

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

Yenta kube ngu-R2 ngaphasi.

RII		R4	
RI2		R6	
RIO		R8	

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Lusuku:

Imali nentjintji

Dvweba buhhehlu kwakha:

RII	
RI2	
RI3	
RI4	

Faka luphawu ✓ bese ugcwalisa imphendvulo lengiyo.

RI8 – R8 = RIO





RI2 – R2 =





RI5 – R4 =





RI4 – R7 =



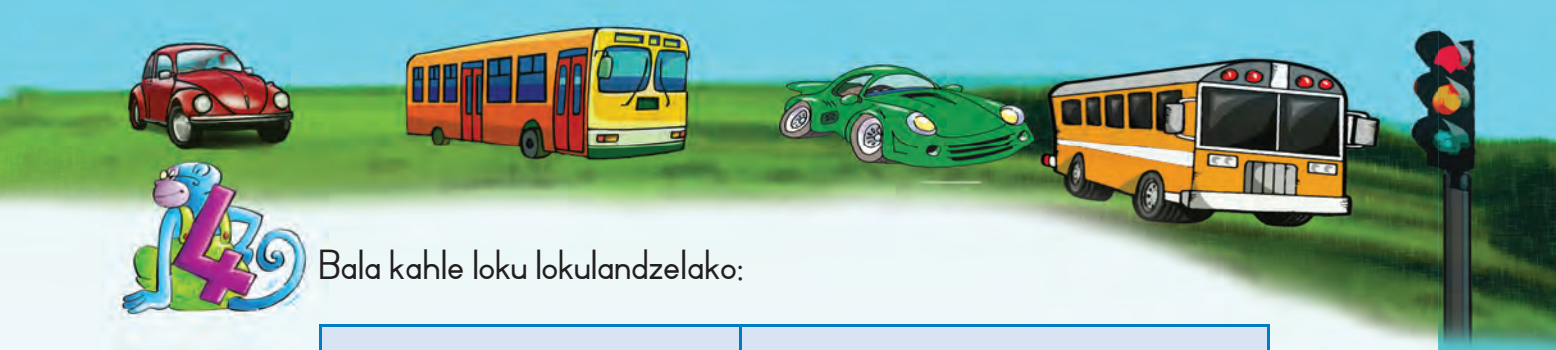


Bala kahle loku lokulandzelako:

RI5 – RIO =	
RIO – RI – RI – R2 =	

R20 – R2 – R8 =	
R5 – R4 =	

R20 – R5 =	
RIO – RI – R5 – R2 =	



Bala kahle loku lokulandzelako:

Ngina RI5. Ngitsenga nga:	Ngumalini lengisele nayo?
R2 na R4 =	R9
R8 na R4 =	
RI2 na R2 =	
R5 na R5 =	
R8 na R7 =	
RIO na R2 =	
R8 na R2 =	
R6 na R2 =	
R4 na R2 =	
R2 na R2 =	
R9 na R6 =	
RIO na R2 =	

Ngina RI5. Ngitsenga liphakethe lemaswidi nga RII.
Yenta umdvwebo kukhombisa kutsi ngumalini lenginaye losele.





Teacher:
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Date:

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Lusuku:

Imali: Kuhlanganisa nekususa



Bala kahle loku lokulandzelako:

R10 + R2 =		R10 + R5 =		R10 + R1 =	
R10 + R4 =		R10 + R7 =		R10 + R6 =	
R9 + R5 =		R8 + R4 =		R7 + R6 =	
R12 + R5 =		R14 + R2 =		R11 + R6 =	



Bala kahle loku lokulandzelako:

R10 – R7 =		R10 – R2 =		R10 – R5 =	
R15 – R1 =		R15 – R15 =		R15 – R2 =	
R12 – R2 =		R14 – R7 =		R16 – R6 =	
R15 – R6 =		R12 – R9 =		R14 – R4 =	

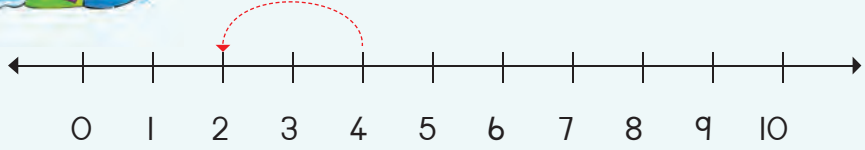


Sita bulembu kucedzela tonkhe letibalo.

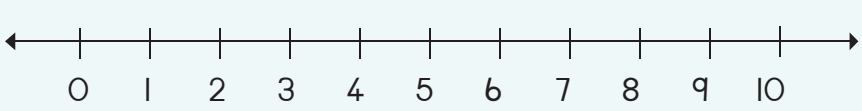
R16			
R14			
R10		– R4	
R12			



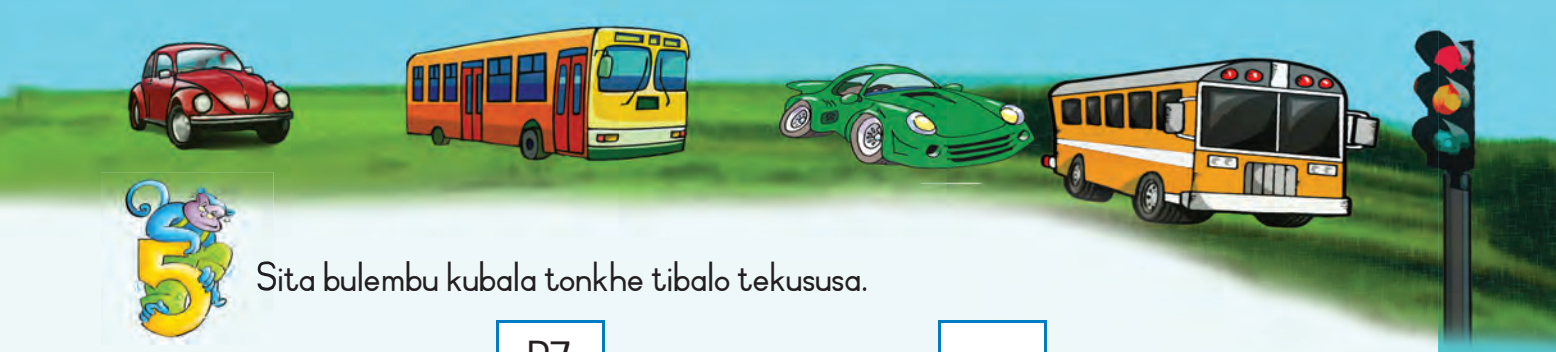
Yenta kube ngu- R2 ngaphasi.



R4 – R2 =	



R7 – R2 =	



5 Sita bulembu kubala tonkhe tibalo tekususa.

R7	−R2	
R5		
R2		
R9		

6 Sombulula loku lokulandzelako.

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

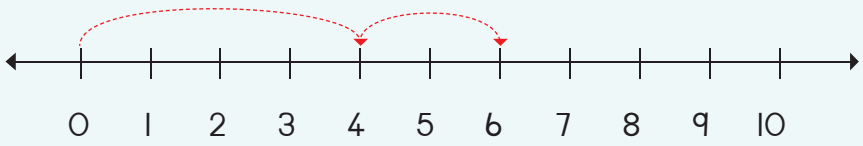
Una R19. Utsenga liswidi nga R8. Ngumalini imali lonayo lesele?

7 Ngumalini imali lengiyongile?



8 Khombisa sibalo kulomugca-nombolo bese ubala kahle imphendvulo.

R4 + R2 =



R8 + R2 =



Teacher:
Sign:
Date:

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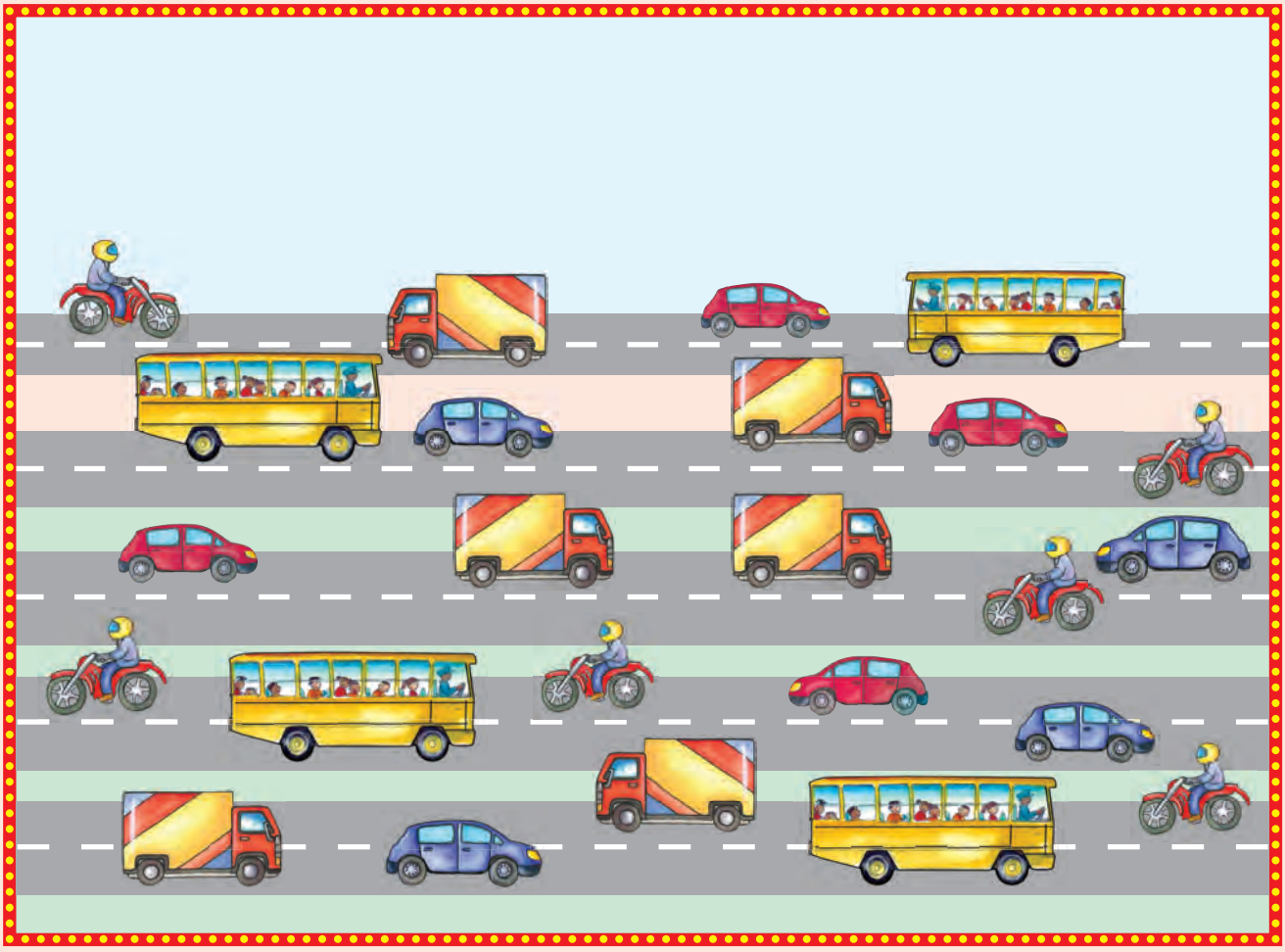
Lusuku:

Imininingwane

Bala kutsi tingaki tinhlobo tetitfutsi longatibona.

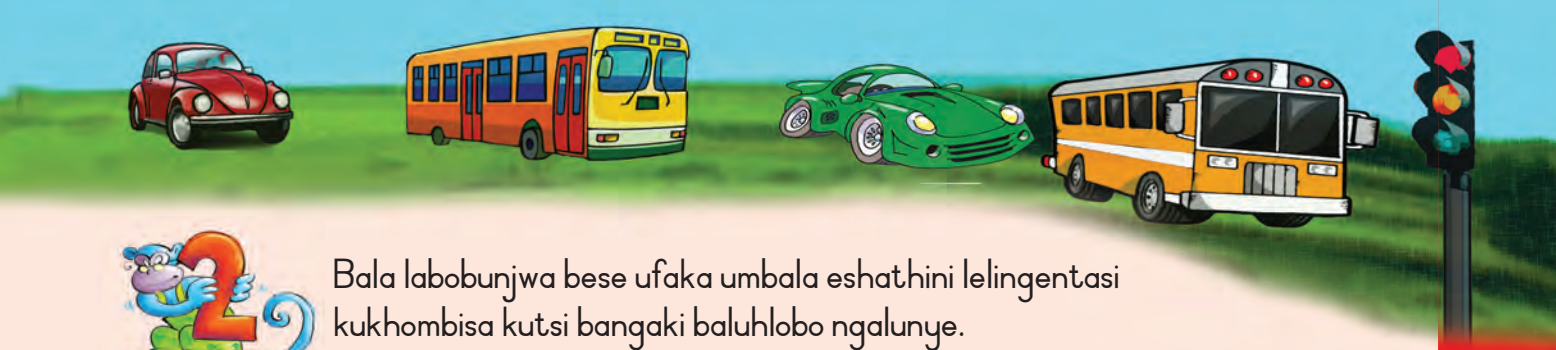












Bala labobunjwa bese ufaka umbala eshathini lelingentasi kukhombisa kutsi bangaki baluhlobo ngalunye.
Chubeka uphendvule lemibuto.



5						
4						
3						
2						
1						
	▲	●	■	♥	★	⬮

_____ lokunyenti kakhulu.

_____ lokuncane kakhulu.

Teacher:
Sign:
Date:

Lusuku:

Imininingwane nesikhatsi

Khuluma ngaletitfombe bese utihlelembisa ngendlela lefanele.



1



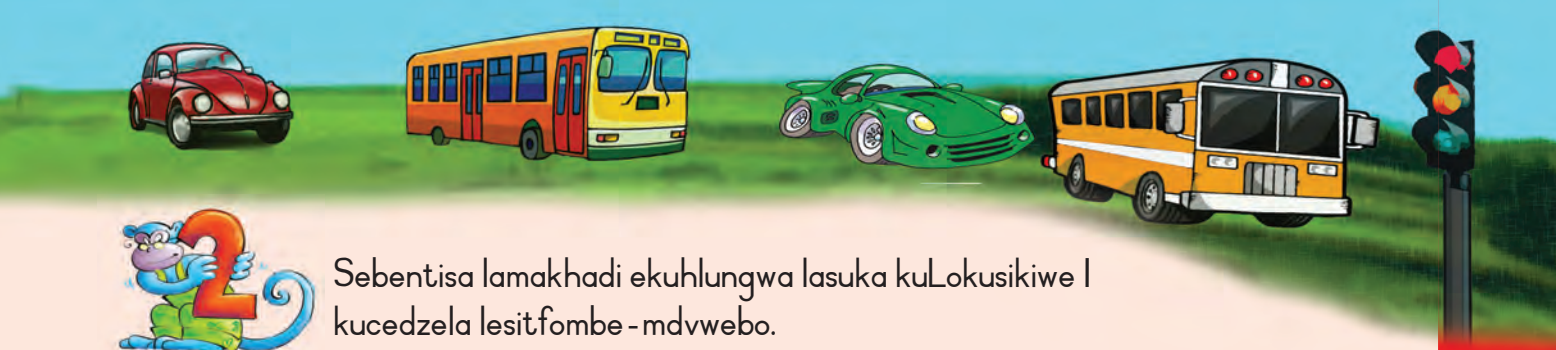
2



3

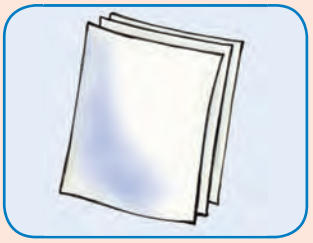


4



Sebentisa lamakhadi ekuhlungwa lasuka kuLokusikiwe I kucedzela lesitfombe-mdvwebo.









Teacher:
Sign:
Date:

Lusuku:

Ticumbi tetihlanu kufika ku 15

Sibuyeketo:

Tifundzise kubhala ligama nombolo.

5 sihlanu



Bukisisa lesitfombe bese uphendvula umbuto.



Tingaki ticumbi teti-5 longatenta?



Bukisisa lesitfombe.
Nansi indlela lesingakubhala ngayo: Dvweba sakakho lapha.



I sicumbi sesi-5 si-5



Bala iminwe bese ugcwalisa imphendvulo yakho.



5 + 5 =



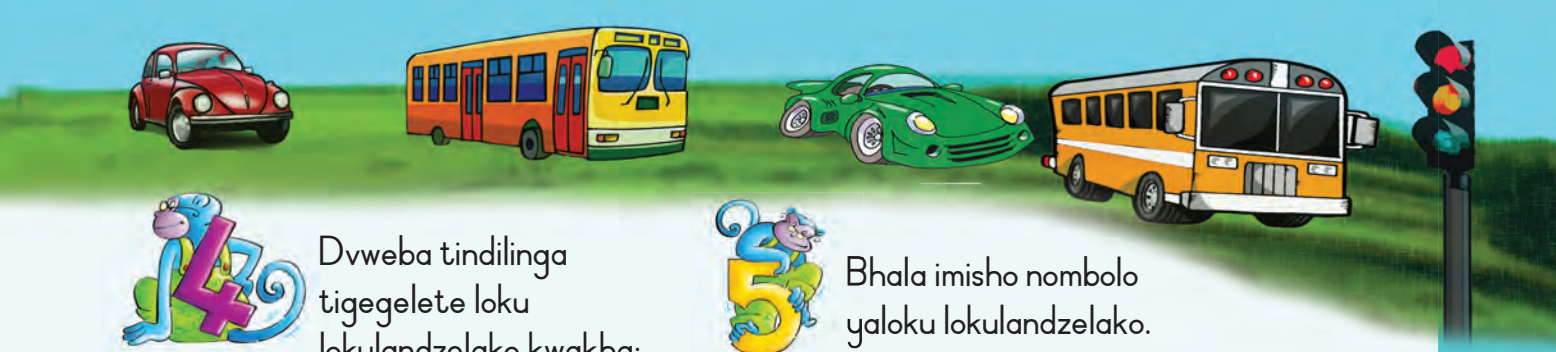
5 + 5 + 5 =



5 + 5 + 5 + 5 =

2 ticumbi tetihlanu li-10

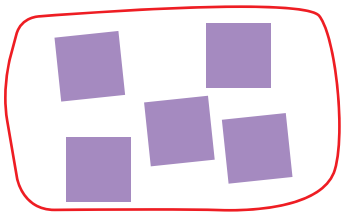
0 1 2 3 4 5 6 7 8 9 10

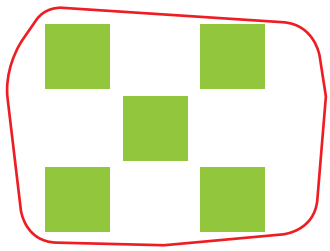


Dvweba tindilinga tigegelete loku lokulandzelako kwakha:

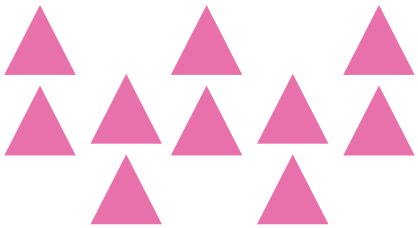
Bhala imisho nombolo yaloku lokulandzelako.

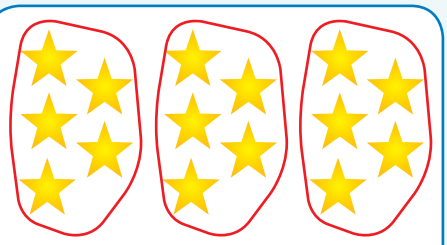
I sicumbi sesi-5



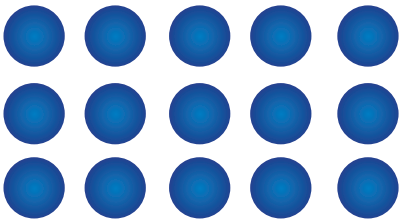


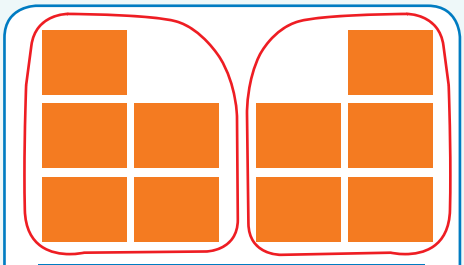
2 ticumbi teti-5





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:

11 12 13 14 15 16 17 18 19 20



Lusuku:

Tihlanu: kuhlanganisa lokuphindzelelwe kufika ku 15

Sibuyeketo:

Sibuyeketo: Gcwalisa letinombolo letishiyiwe.





Tingaki tintwane neminwe lekhona? Bhala umusho nombolo waloku.







Dvweba:

Nesicumbi lesihlanu bobhanana

Timbili ticumbi tetihlanu timbali ngatinye



Dvweba bobunjwa baloku lokulandzelako.

5 + 5 = 10

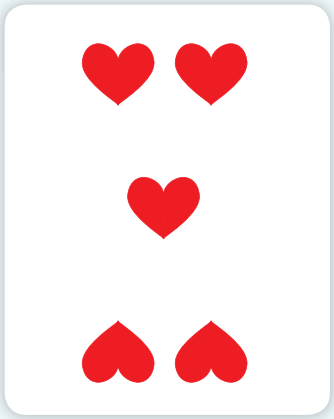
5 + 5 + 5 =

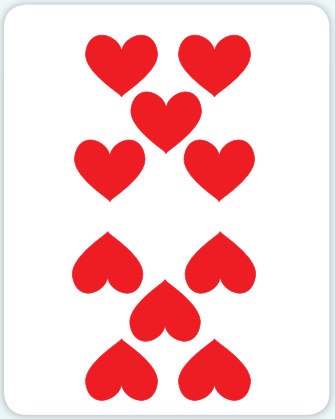


0 1 2 3 4 5 6 7 8 9 10

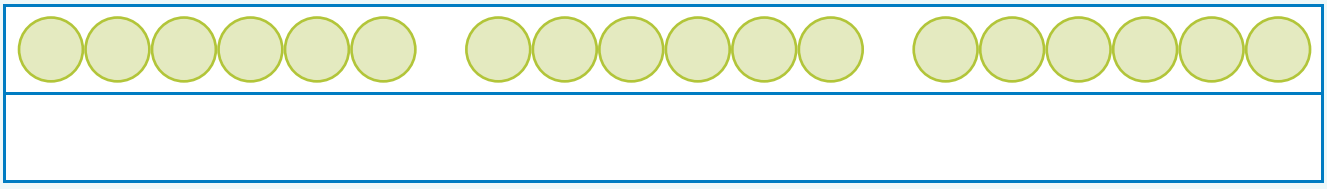


Biyela bese uyabala kutsi tingaki ticumbi tetihlanu longatenta ekhadini ngalinye.





Bhala umusho nombolo waloku:



Sebentisa imibala leyehlukene kukhombisa letinombolo lotatisebentisa kwakha ticumbi tetihlanu.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15					

Tingaki ticumbi tetihlanu longatenta?

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Lusuku:

Tihlanu kufika ku 15

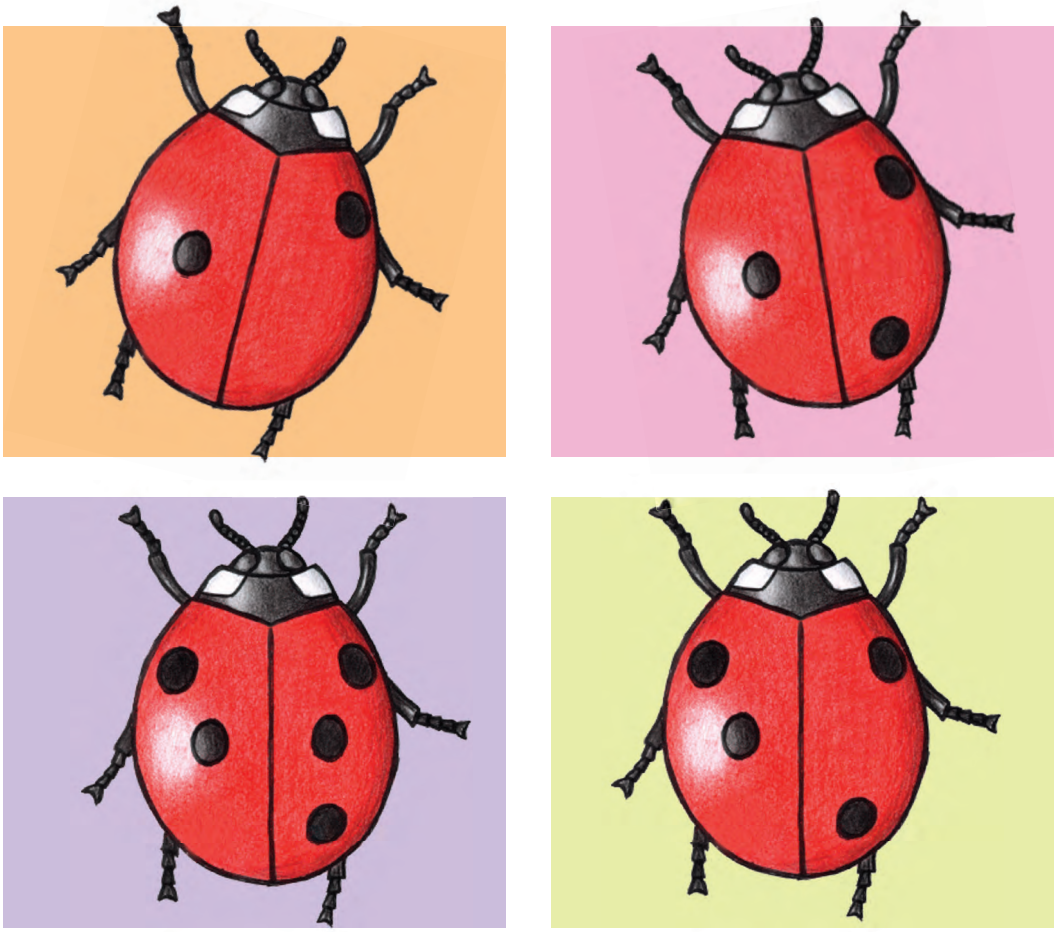


Gcwalisa letinombolo letishiyiwe.

1		3		5		7	8	9	
11	12								



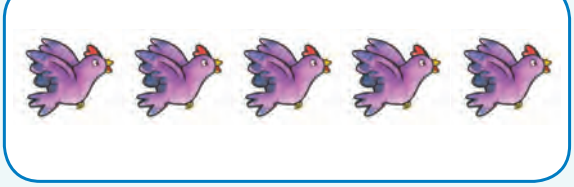
Yenta ticumbi tetihlanu.
Libhungane ngalinye kufute libe nesicumbi sesihlanu semabala eluphikweni ngalunye. Dvweba emabala lashiyiwe.

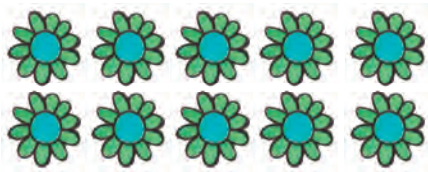


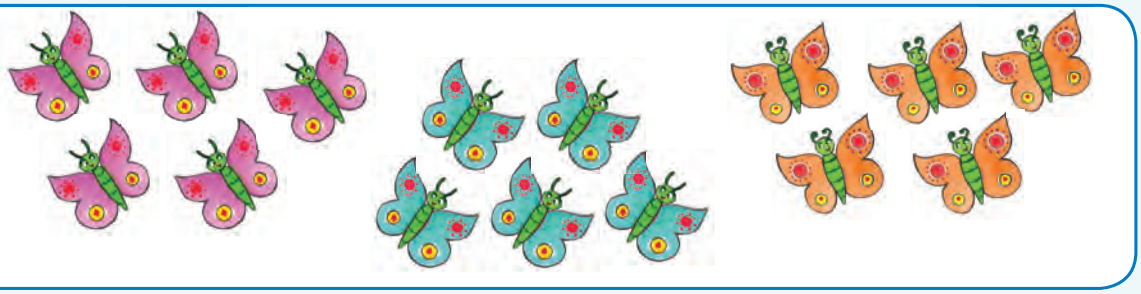
0 1 2 3 4 5 6 7 8 9 10



Bhala umusho wangakunye ngakunye.







Bala kahle loku lokulandzelako:

0 + 5 = ☐

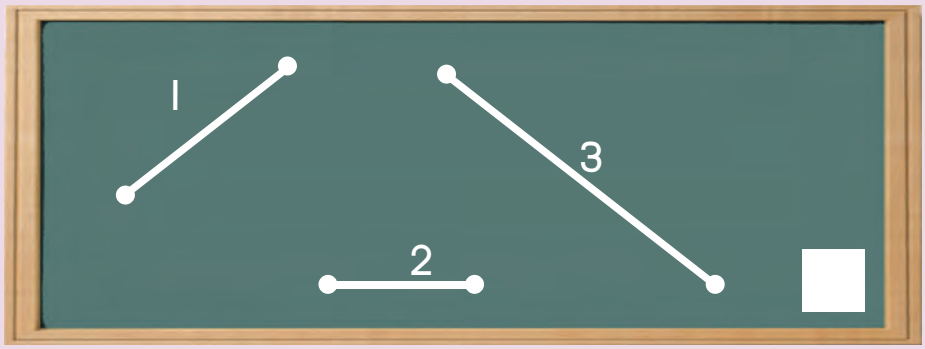
5 + 5 + 5 = ☐

5 + 5 = ☐

5 + 5 + 5 + 5 = ☐

Sibuyeketo:

Sibuyeketo: Ngumuphi umugca lomudzekati?



Teacher:
Sign:
Date:



Lusuku:

Emaphethini nombolo etihlanu kufika ku 50

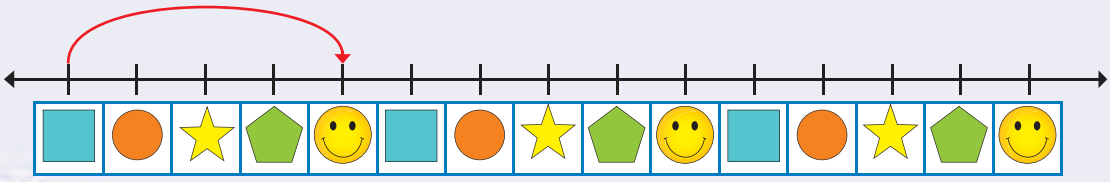


Cedzela lephethini yetihlanu ngekufaka umbala etinombolweni.

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

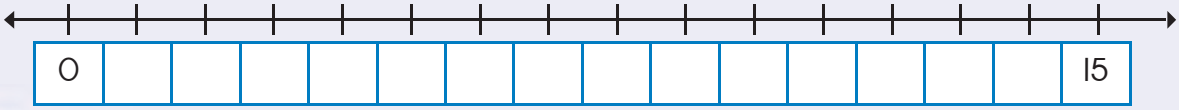


Dvweba imihibe kukhombisa ticumbi tetihlanu.





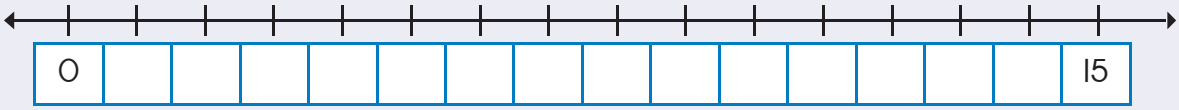
Gcwalisa tinombolo letishiyiwe bese udvweba imihibe kukhombisa ticumbi tetihlanu.





Cedzela lomugca-nombolo. Dvweba imihibe kukhombisa ticumbi tetihlanu.

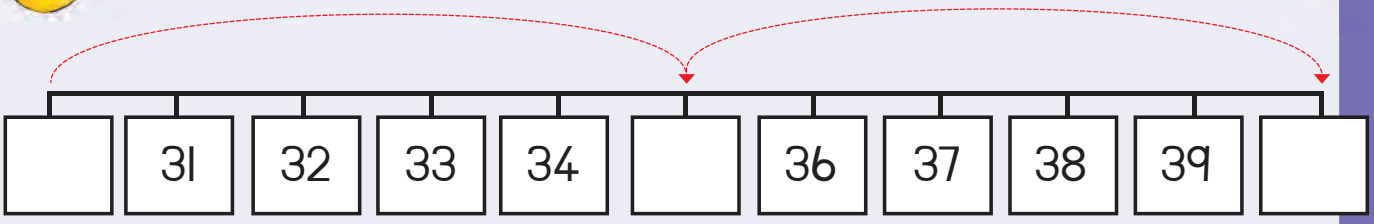
Kuna ____ weticumbi tetihlanu.

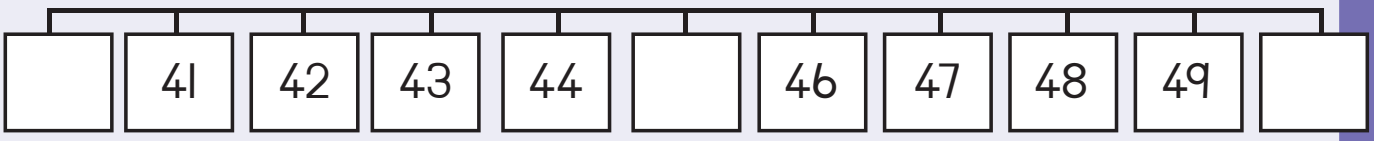






Sika kahle letinombolo letishiyiwe letisuka kuLokusikiwe 2 bese utibeka emigceni-nombolo.

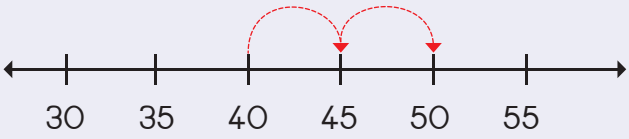




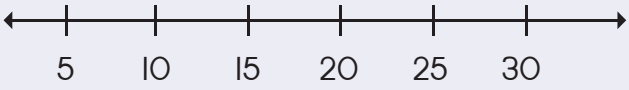


Dvweba imihibe kukhombisa loku lokulandzelako:

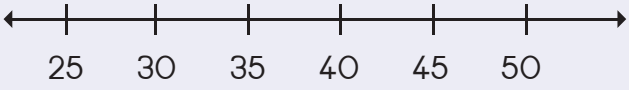
40, 45, 50



10, 15, 20



25, 30, 35



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Lusuku:

Emaphethini nombolo etihlanu kufika ku 80



Tingaki ticumbi tetihlanu longatibona kulesitfombe?





Cedzela letitfombe kukhombisa timbili ticumbi tetihlanu ebhulokini ngalinye.





0 1 2 3 4 5 6 7 8 9 10



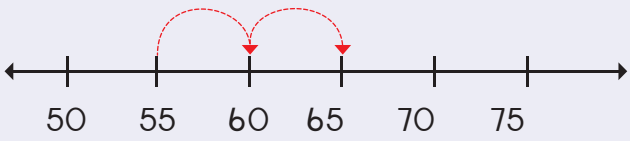
Sika kahle letinombolo letishiyiwe letisuka kuLokusikiwe 2 bese utibeka emigceni-nombolo.

	61	62	63	64		66	67	68	69	

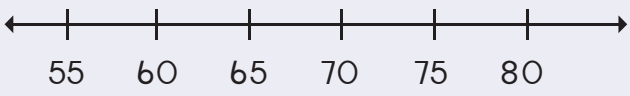
	71	72	73	74		76	77	78	79	

Dvweba lemihibe kukhombisa loku lokulandzelako:

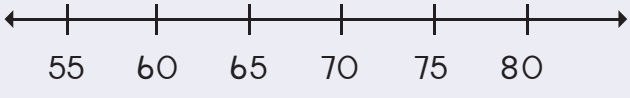
55, 60, 65



65, 70, 75



70, 75, 80



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Lusuku:

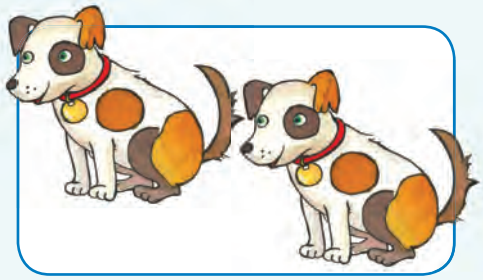
Timphindza-mbili



Phindza kabili lentfo bese ugcwalisa imphendvulo.

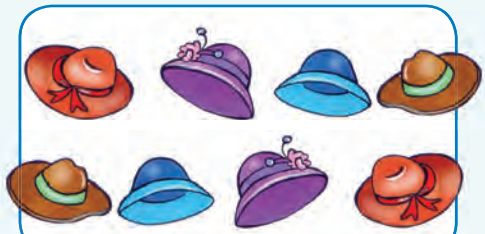


Ku-1 kuphindvwe kabili ngu ☐





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

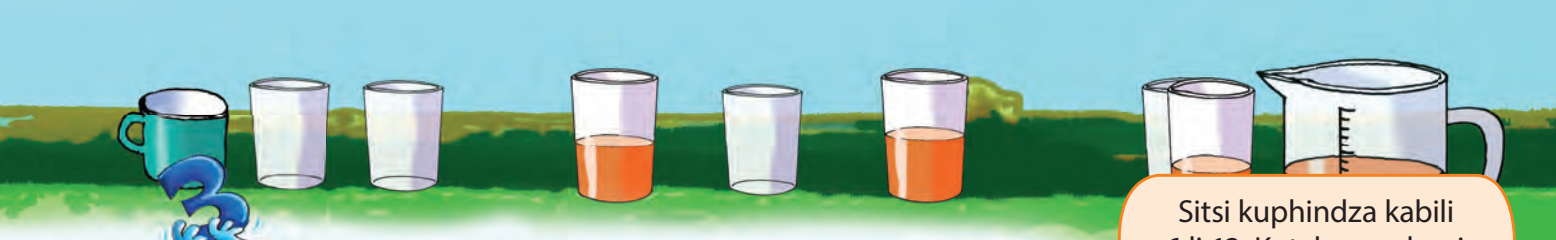
phindza kabili 5 =

2 + 2 =

noma

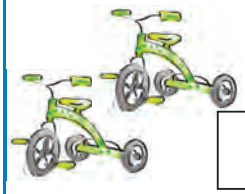
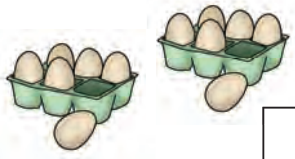
phindza kabili 2 =





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

3 Cedzela loku lokulandzelako:

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

4 Bala emacashata ubese uwaphindza kabili.

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

5 Phindza kabili letinombolo.

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

6 Cedzela loku lokulandzelako:

Mangaki emalanga lakhona evikini?

S	M	T	W	T	F	S

Mangaki emalanga lakhona emavikini lamabili?

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

Sitsi kuphindza kabili 7 ngu 14.
Kutaba ngubani ihhafu yeli-14?

Tingaki tinyawo lotibonako?



Tingaki tinyawo lotibonako manje?



Sitsi kuphindza kabili 2 ngu 4.
Kutaba ngubani ihhafu ya 4 ?

7 Cedzela loku lokulandzelako:

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

Teacher:
Sign:
Date:



Lusuku: _____

Bohhafu

Faka umugca uvundle kuhhafu yebantfwana bese ubhala imphendvulo.



Ihhafu ya 4 ngu _____



Ihhafu ya 6 ngu_____



Ihhafu ya2 ngu _____



Ihhafu ya 8 ngu _____

Faka umugca uvundle kuhhafu ubese ugcwalisa imphendvulo.



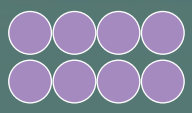
Ihhafu yaku-2 = ☐



Ihhafu yaku-4 = ☐



Ihhafu yaku-6 = ☐

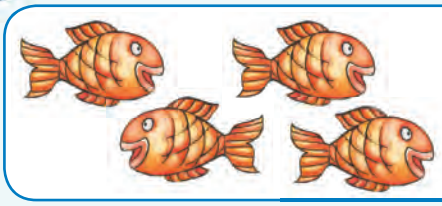


Ihhafu yaku-8 = ☐



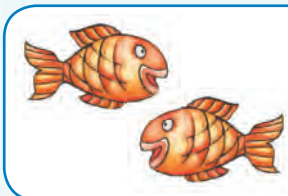
Ihhafu yaku-10 = ☐

Tingaki tinhlanti letikhona?



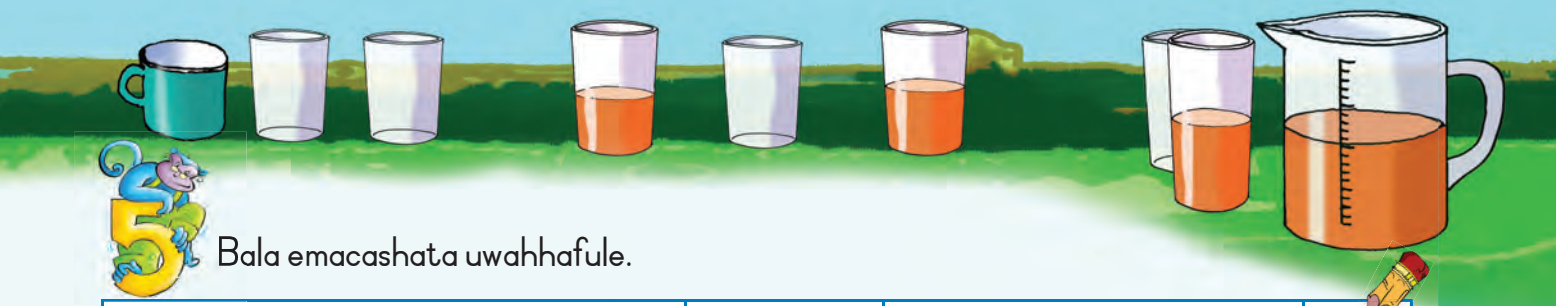
☐

Ihhafu yetinhlanti ngu?



☐

0 1 2 3 4 5 6 7 8 9 10



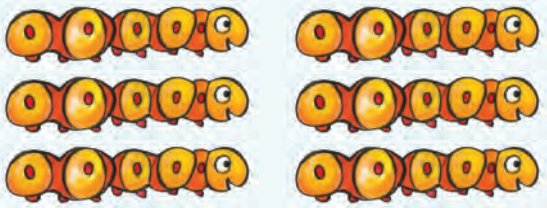
5 Bala emacashata uwahhafule.

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

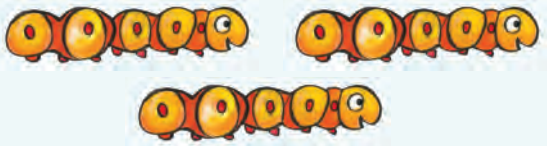
Hhafula tinombolo.

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

Mangaki emanyamane lakhona?



Ihhafu yalamanyamane ngu:



Phendvula loku lokulandzelako:

Mingaki imilente lekhona?



Mingaki imilente lekhona manje?



Sitsi ihhafu ye-8 ngu

Teacher:
Sign:
Date:



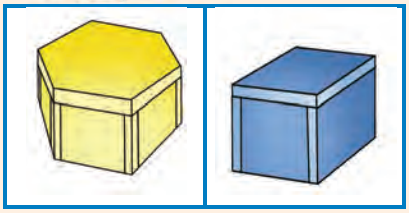
Lusuku:

Takhiwo tebusontsatfu (3-D)

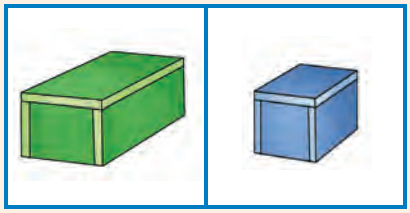
Ithemu 3



Faka luphawu ✓ entfweni lencane kakhulu.



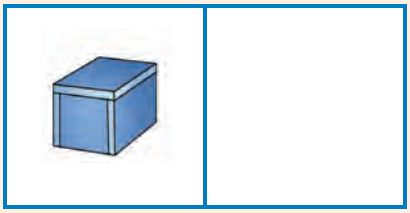






Dvweba intfo lenkhudlwana ngesekudla sesitfombe ngasinye.

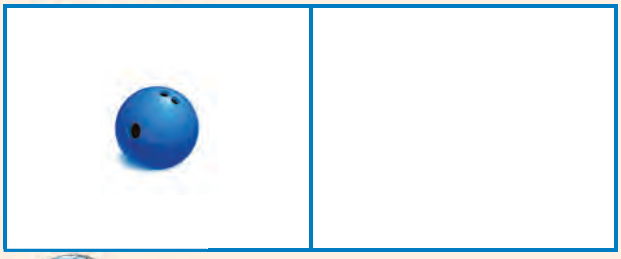




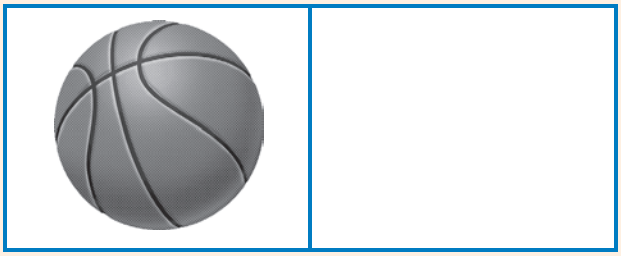




Dvweba ibhola lenkhudlwana kunebhola lelingangane.

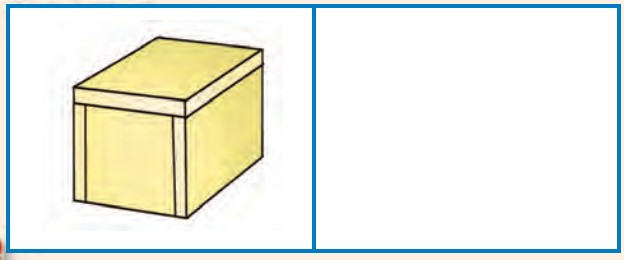


Dvweba ibhola lencanyana kunebhola lemphunga.

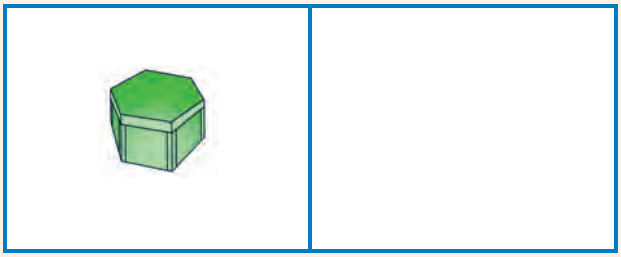




Dvweba libhokisi lelincanyana kunelibhokisi lelimtfubi.



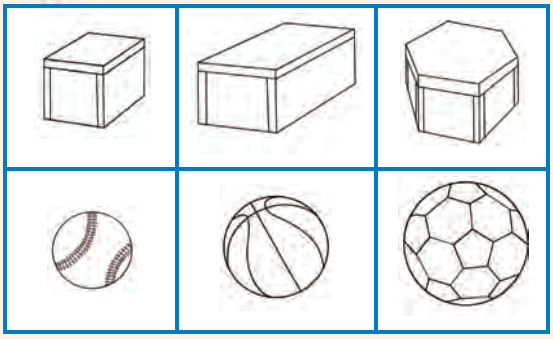
Dvweba libhokisi lelikhudlwana kunelibhokisi leliluhlata.



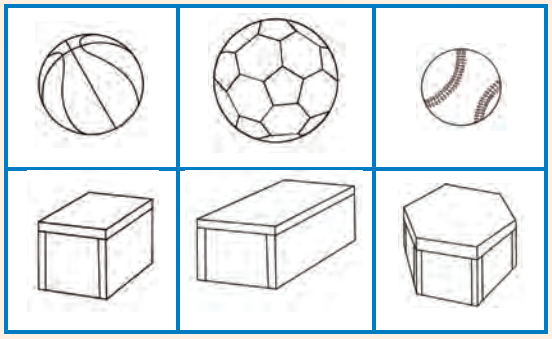
0 1 2 3 4 5 6 7 8 9 10



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



Faka umbala lophinki ebhokisini lelikhulukati bese ufaka lobovu ebholeni lenkhulukati.



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



yebo	cha	yebo	cha	yebo	cha

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

Khumbula lemibhoshongo kufute isimame.

Teacher:
Sign:
Date:



Lusuku:

Takhiwo tebusontsatfu (3-D) – Kushelela nekugicika



Ngabe letintfo titawugicika noma titawushelela?
Faka umbala emphendvulweni lengiyo.



gicika	shelela



gicika	shelela



gicika	shelela



gicika	shelela



Kungenteka loku lokulandzelako?
Faka umbala emphendvulweni lengiyo.



yebo	cha



yebo	cha



yebo	cha

0 1 2 3 4 5 6 7 8 9 10



Hlunga letintfo letilandzelako ngekutidvweba emabhulokini lafanele.

	Emabhola	Emabhokisi



Hlunga letintfo ngebukhulu bato ngekutidvweba.

	Emabhola lamancane	Emabhokisi lamancane
	Ibhola lenkhulu	Emabhokisi lamakhulu

Teacher:
Sign:
Date:



Lusuku:

Emaphethini esijiyometri

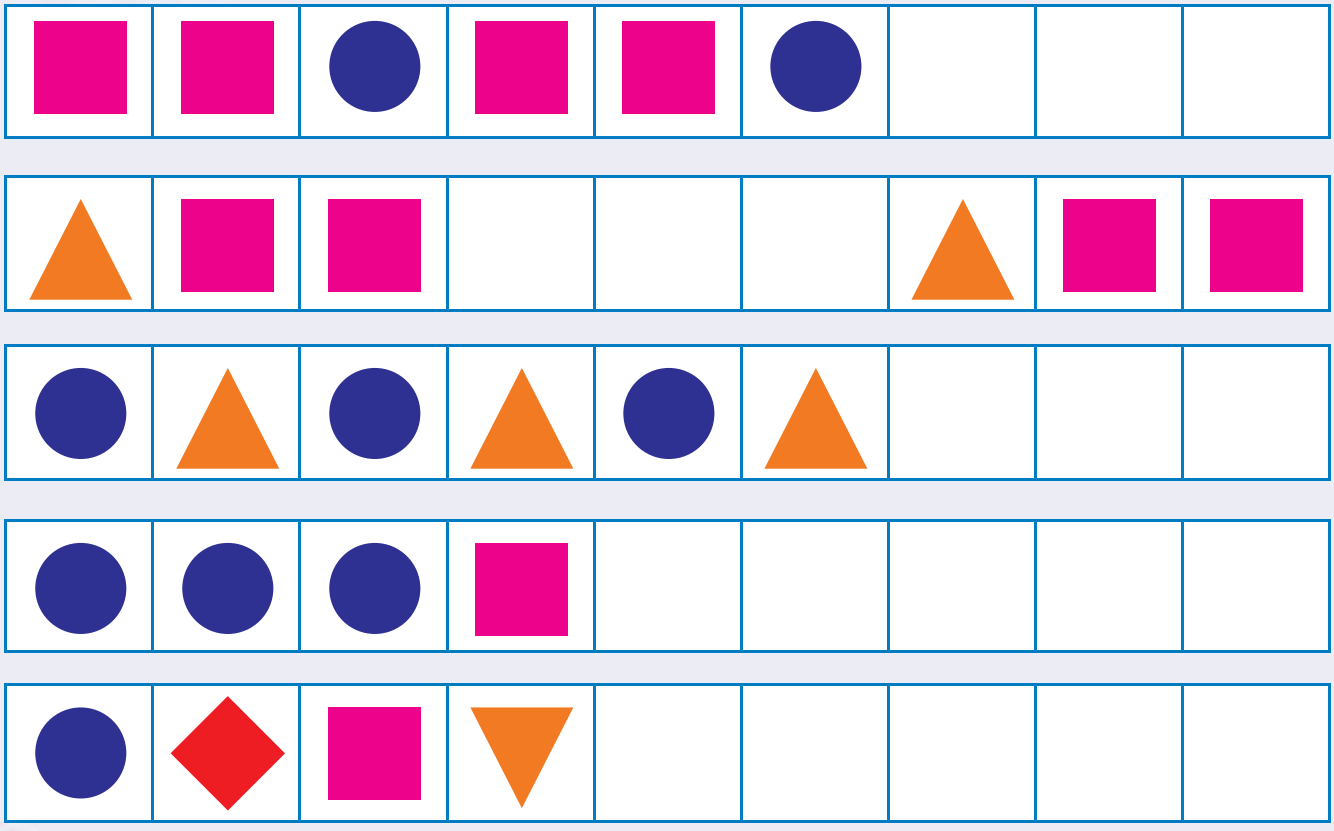
Sibuyeketo:

Dvweba loku lokulandzelako:

indilinga	sikwele	calandze

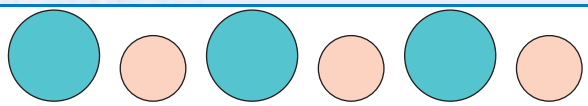
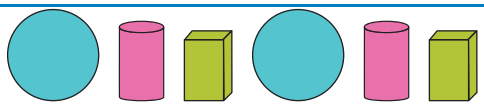
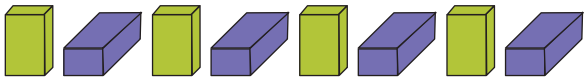


Cedzela lephethini.





Yenta imidvwebo kuchubeka nalephethini.



Dvweba yakakho iphethini.



Namatsisela titfombe kwakha yakakho iphethini.



Cedzela lephethini.

A	B	C	A	B	C				A	B	C

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Lusuku:

Ticumbi takubili kufika ku 15



Bhala ligama nombolo lalokuphawu 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 lalokuphawu nombolo.

4	



Bala timphiko, bese ugcwalisa imphendvulo yakho.



2 + 2 =



2 + 2 + 2 =

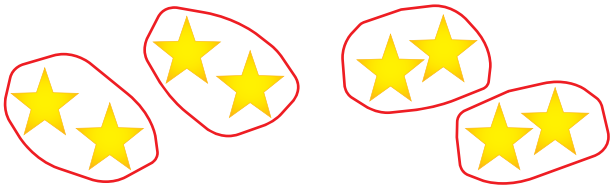


2 + 2 + 2 + 2 =

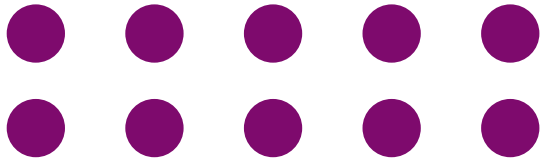
0 1 2 3 4 5 6 7 8 9 10

Dvweba tindilinga tigegelete loku lokulandzelako kwakha:

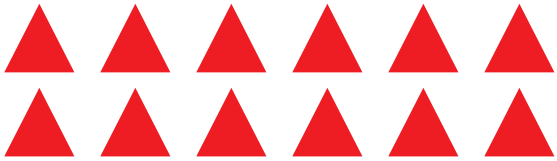
4 ticumbi taku-2



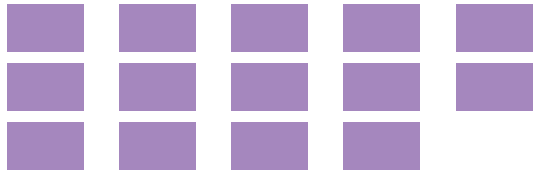
5 ticumbi taku-2



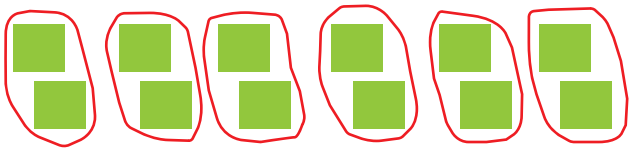
6 ticumbi taku-2



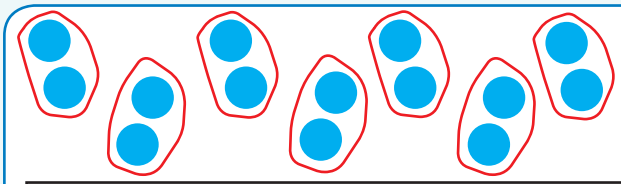
7 ticumbi taku-2

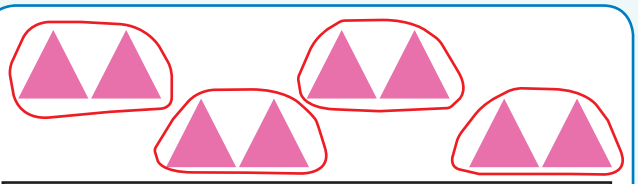


Bhala umusho nombolo waloku lokulandzelako.









Tingaki ticumbi takubili longatenta?

13 na l utakwenta	ticumbi
11 na l utakwenta	ticumbi
9 na l utakwenta	ticumbi
7 na l utakwenta	ticumbi

12 na l utakwenta	ticumbi
5 na l utakwenta	ticumbi
l na l utakwenta	ticumbi
10 na 0 utakwenta	ticumbi

Teacher:
Sign:
Date:

Lusuku:

Kuhlanganisa ngakubili lokuphindzelelwe kufike ku 15



Mingaki imilente lekhona?

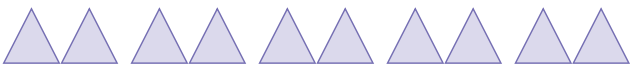


Ukubale njani loku?



Dvweba bobunjwa kukhombisa loku lokulandzelako:

2 + 2 + 2 + 2 + 2 = ☐



2 + 2 + 2 + 2 + 2 + 2 + 2 = ☐

2 + 2 + 2 + 2 = ☐

2 + 2 + 2 + 2 + 2 + 2 = ☐

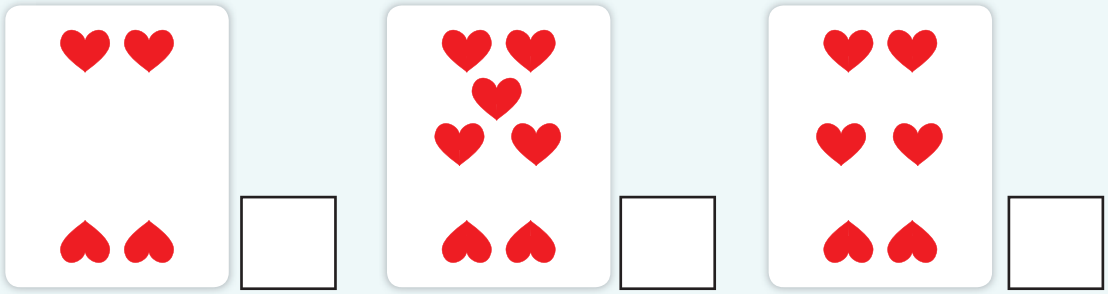
0 1 2 3 4 5 6 7 8 9 10



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.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15					

Teacher:
Sign:
Date:



Lusuku:

Ngakubili kufika ku 15

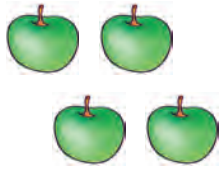


Gcwalisa letinombolo letishiyiwe.

1		3		5		7		9	
11		13		15					



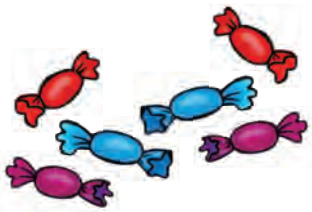
Yenta ticumbi takubili.
Dvweba indilinga igegelete sicumbi ngasinye sakubili.





Tingaki ticumbi temahhabhula letikhona?

Mangaki emahhabhula latawutfolwa ngumntfwana ngamunye?





Tingaki ticumbi temaswidi letikhona?

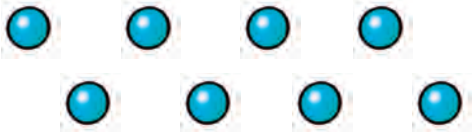
Mangaki emaswidi latawutfolwa ngumntfwana ngamunye?





Tingaki ticumbi tabo tetimabula letikhona?

Tingaki timabula letitawutfolwa ngumntfwana ngamunye?





Tingaki ticumbi tabo tetimabula letikhona?

Tingaki timabula letitawutfolwa ngumntfwana ngamunye?

0 1 2 3 4 5 6 7 8 9 10

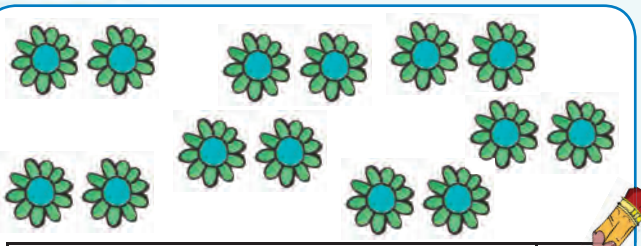


Gcwalisa letinombolo letishiyiwe.

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

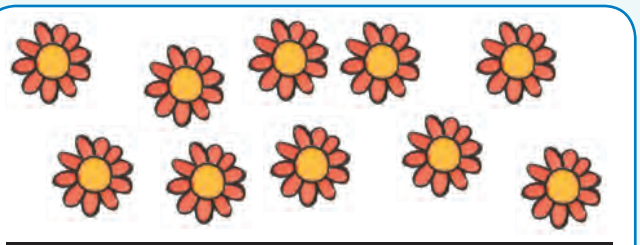


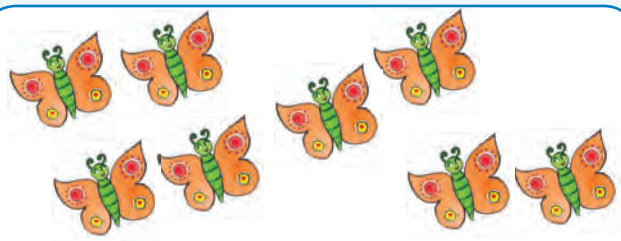
Bhala umusho nombolo usebentisa ngakubili.



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









Bala kahle loku lokulandzelako:

2 + 2 + 2 =	
2 + 2 + 2 + 2 =	
2 + 2 + 2 + 2 + 2 =	
2 + 2 + 2 + 2 + 2 + 2 =	
2 + 2 + 2 + 2 + 2 + 2 + 2 =	



Biyela ticumbi takubili emgceni ngamunye.





11 12 13 14 15 16 17 18 19 20



Lusuku:

Emaphethini nombolo 2 kuya ku 50



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



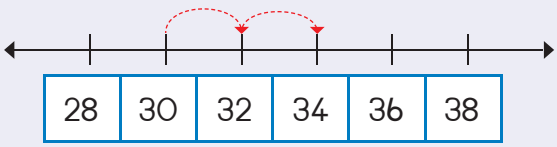
Cedzela lephethini ngekufaka umbala etinombolweni letifanele.

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

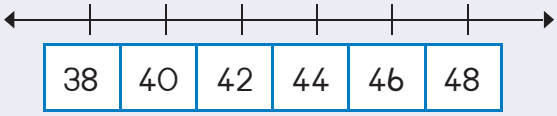


Dvweba imihibe kukhombisa loku lokulandzelako:

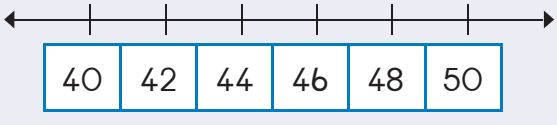
30, 32, 34

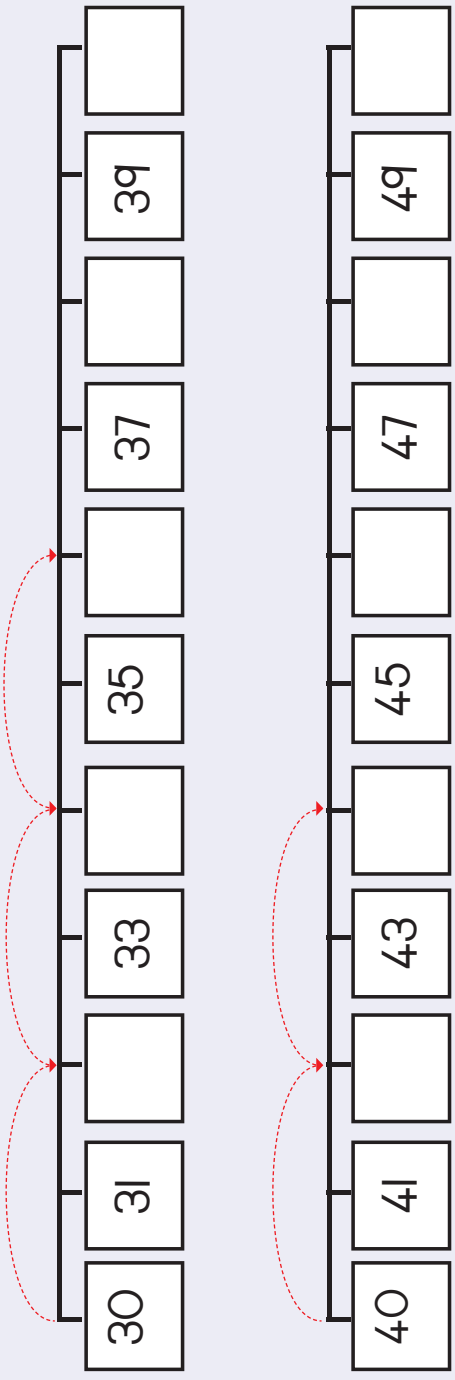


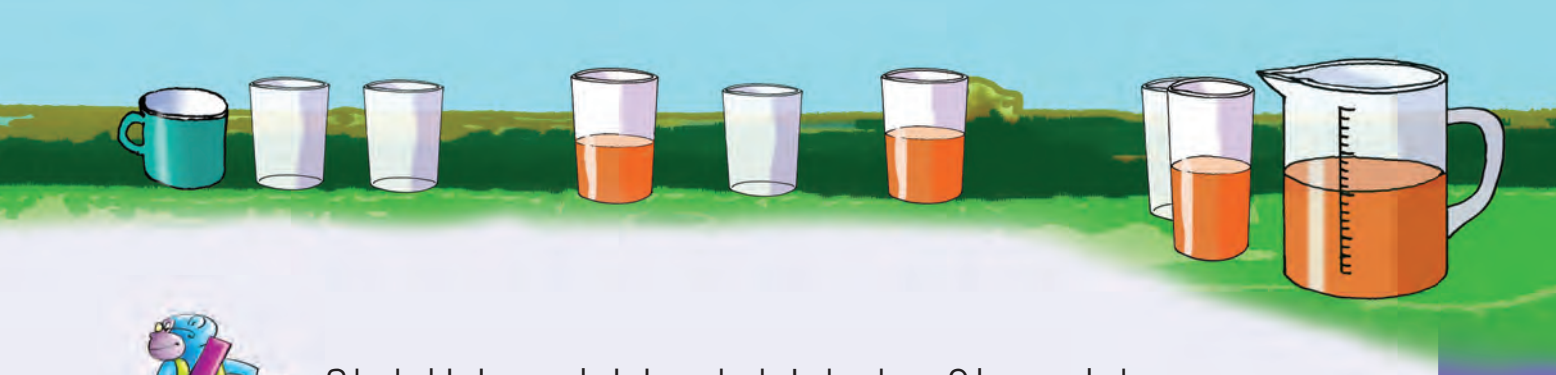
40, 42, 44



46, 48, 50









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

	69		67		65		63		61	60

	79		77		75		73		71	70



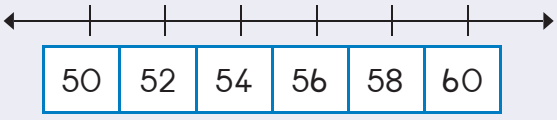
Cedzela lephethini ngekufaka umbala etinombolweni letifanele.

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

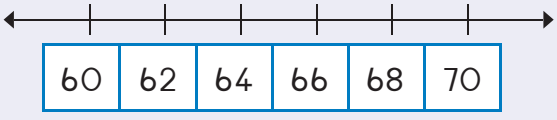


Dvweba imihibe kukhombisa loku lokulandzelako:

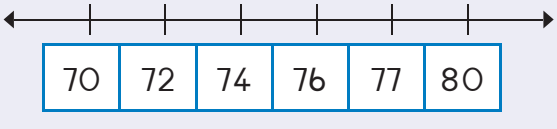
54, 56, 58



64, 66, 68



72, 74, 76



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

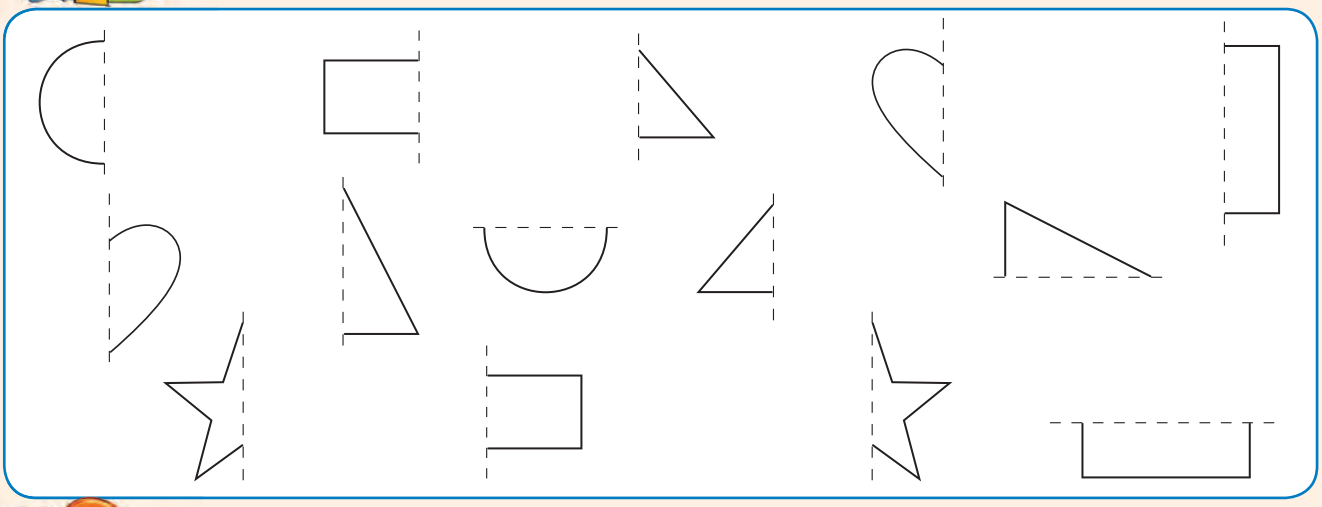


Lusuku:

Sitfombe - sibuko

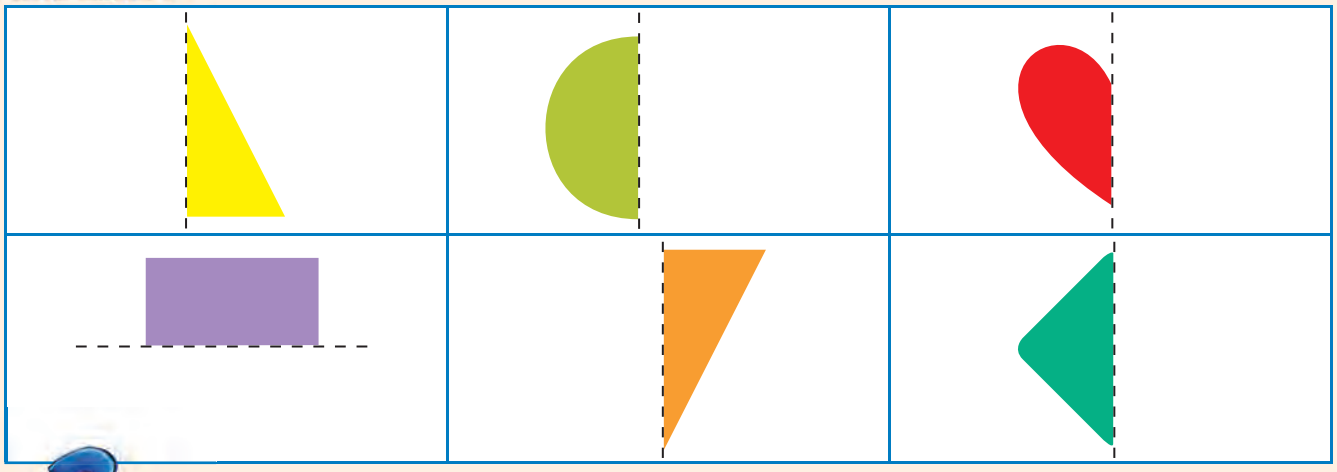


Faka umbala timbili tincenye tabobunjwa letitakwenta bunjwa munye.



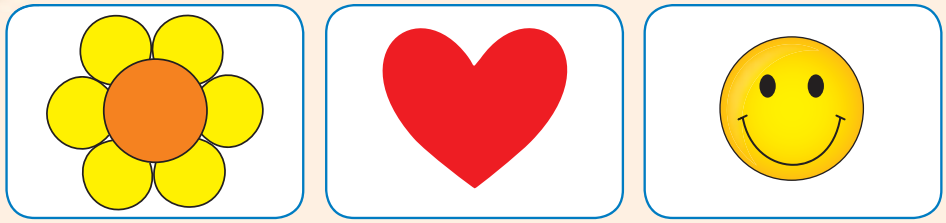


Dvweba lona lomunye hhafu bese umfaka umbala.



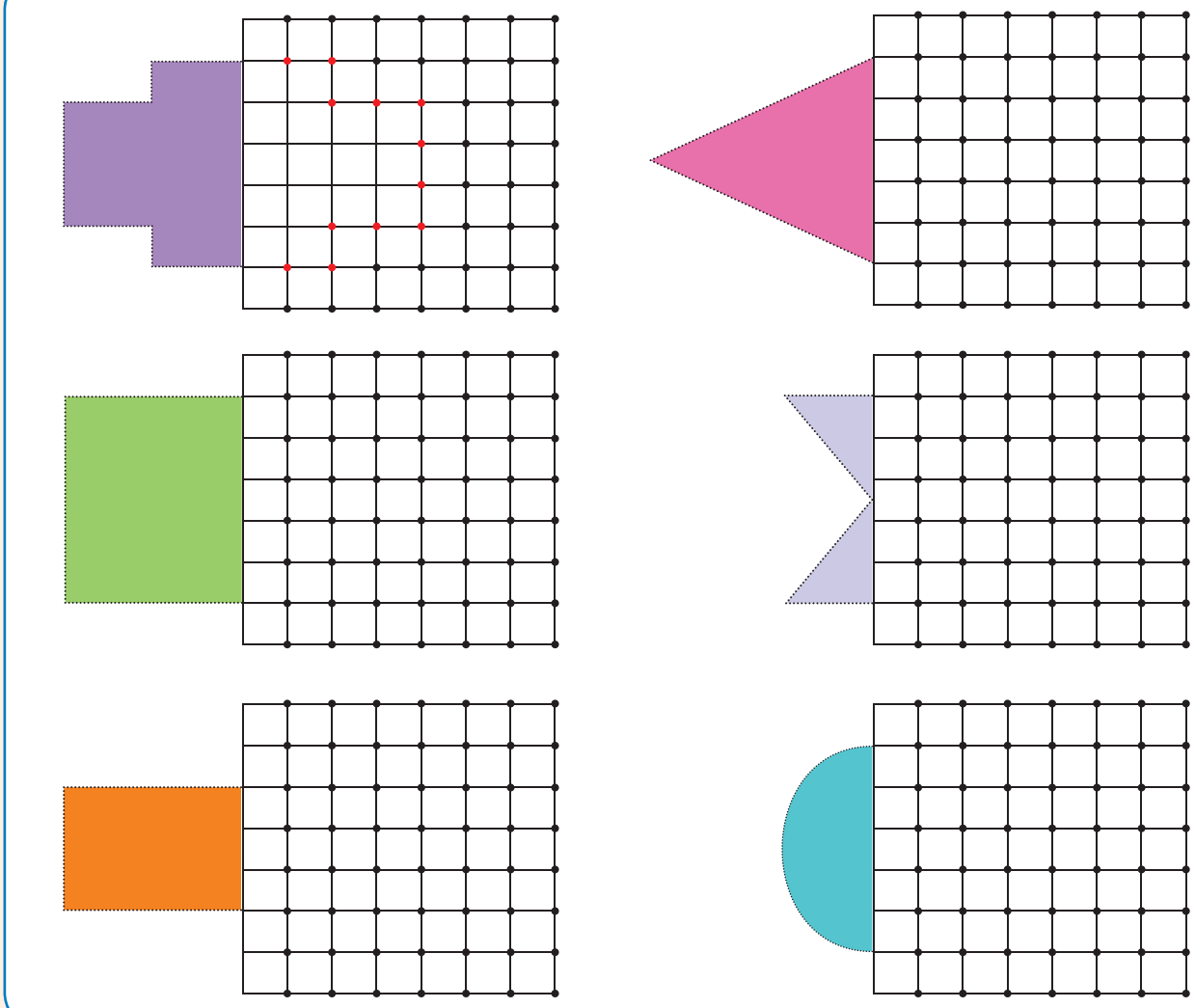


Dvweba umugca kwehlukanisa letitfombe kabili khona emacala omabili abukeke afana ncwe.

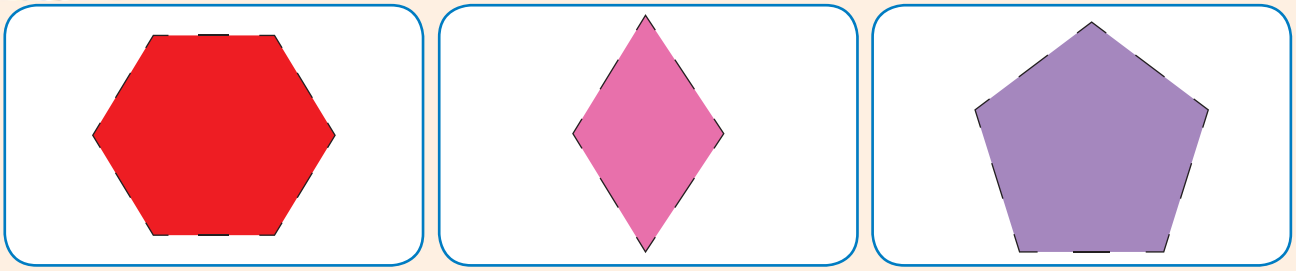




Dvweba lona lomunye hhafu wabunjwa usebentisa ibhodi yegridi kukusita.



Dvweba umugca kwehlukanisa labobunjwa kabili bente emacala labukeka afana ncwe.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20







Lusuku:

Tinombolo neMandla Sikhundla

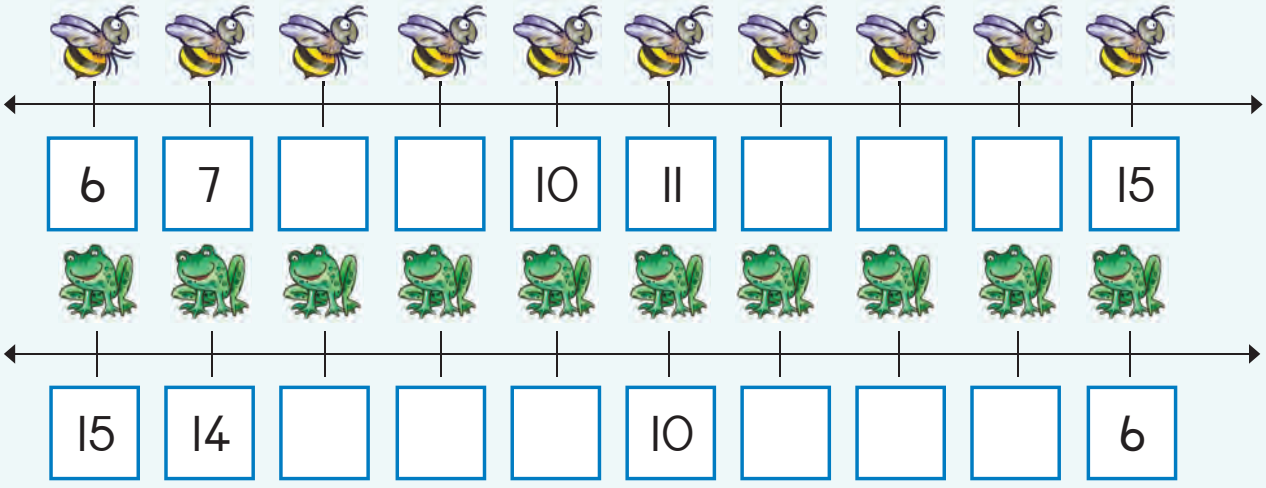


Gcwalisa letinombolo letishiyiwe.

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 ufake umbala esibalweni ubese ufaka umbala elucetwini lwemphica lolufanele lolunenombolo lengiyo. Sebentisa umbala lofanako. Sikwentele kwekucala.

10 + 1 ngalokubovu

10 + 3 ngaloku phinki

10 + 5 ngaloku lingangane

10 + 4 ngalokumtfubi

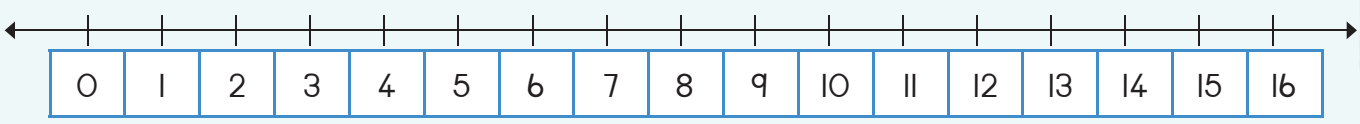
10 + 0 ngaloku luhlata

10 + 2 ngalokuli-orintji



1	18	17	21	20	16
	6	19	10	4	
9	13		15	12	2
14	11	5	8		

Khombisa lishumi nakune kulomugca-nombolo:



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



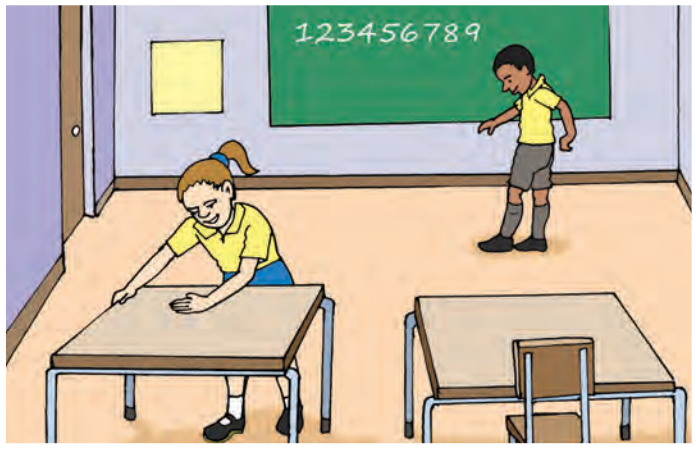
Lusuku:

Budze



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

Mangaki emahlandla esandla lakenta bubanti?

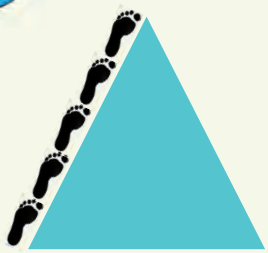


Budze ngu _____ wemahlandla esandla.

Bubanti ngu _____ wemahlandla esandla.



Mangaki emahlandla elunyawo ngasecadzini?









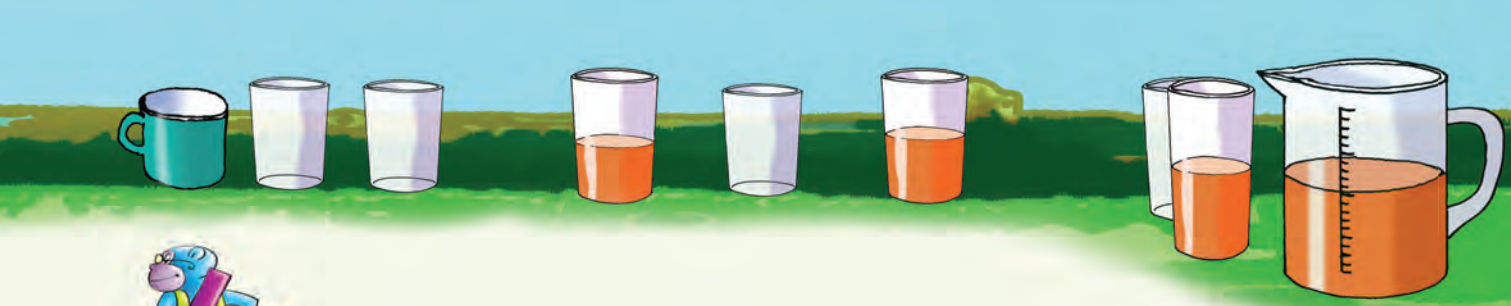
Gcwalisa imphendvulo.





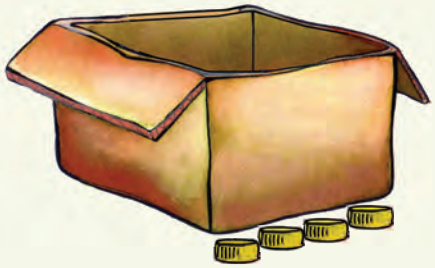
Budze ngu _____ wemahlandla esandla.

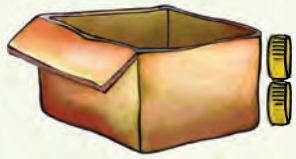
0 1 2 3 4 5 6 7 8 9 10





Buyini budze nebubanti balelibhokisi?





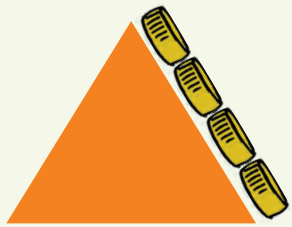
Budze ngu _____ umgamu wetivimbo telibhodlela.

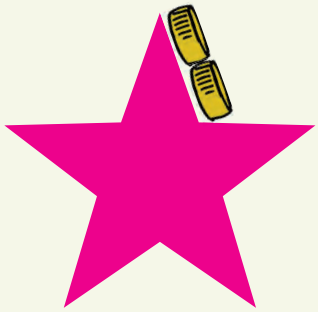
Bubanti ngu _____ umgamu wetivimbo telibhodlela.

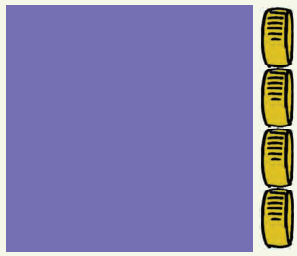


Tingaki tivimbo telibhodlela kumgamu welicala?



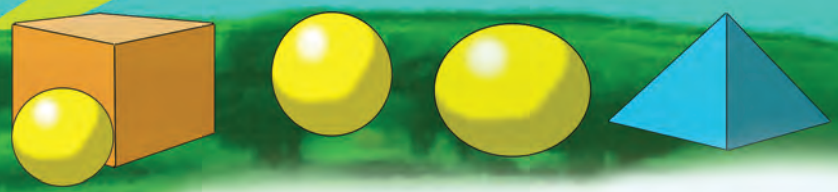






Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



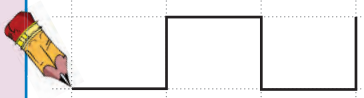
Lusuku:

Nombolo 16

Sibuyeketo:

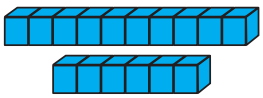
Tifundzise kubhala ligama nombolo ucedzele iphethini.

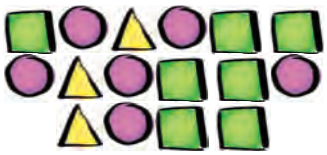
7	sikhombisa





Condzanisa letitfombe.

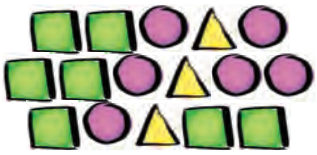




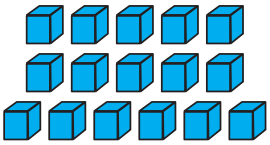
10 6

16





16





10 6

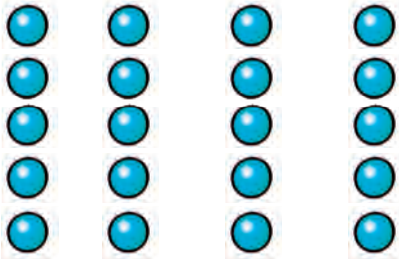


Tsatsisa letinombolo.

16	16	16	16
lishumi-nesitfupha			
16	16	16	16
lishumi-nesitfupha			



Biyela buhlalu lobuli-16 kuphela.



Bungaki lobusele? _____







Dvweba li-16 letintfo.

Manje tidvwebe ngendlela leyehlukile.

Gcwalisa inombolo leshiyiwe.

2	3	4
19		21
17		19

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

	16	
		lishumi-nesitfupha

Ngubani kunye ngaphasi kwe-16? _____

Ngubani kunye ngetulu kwe-16? _____

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

Gcwalisa letinombolo letishiyiwe.

10	9		7	6		4	3		1

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Lusuku:

Nombolo 17

Sibuyeketo:

Tifundzise kubhala ligama nombolo ucedzele iphethini.

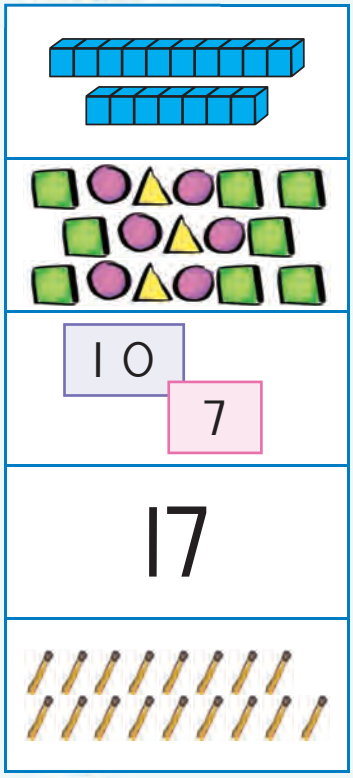
8 siphohlongo



Condzanisa letitfombe.

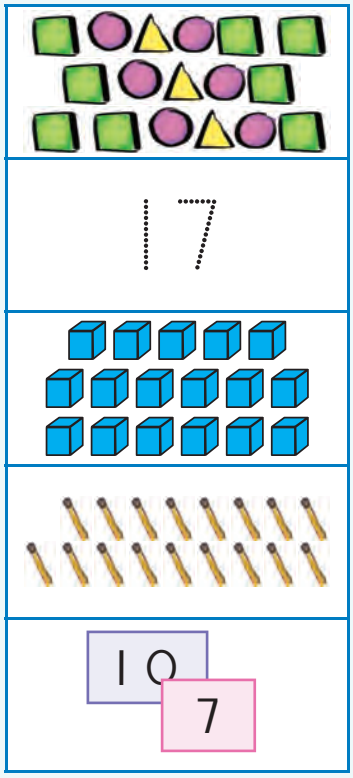


Tsatsisa letinombolo.



10 7

17



17

10 7

17 17 17 17

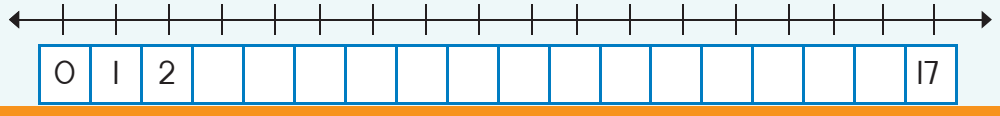
lishumi–nesikhombisa

17 17 17 17

lishumi–nesikhombisa



Cedzela lomugca-nombolo.







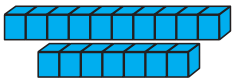
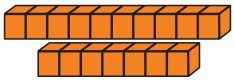
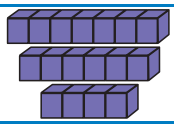
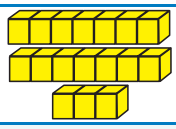
Dvweba li-17 letintfo.

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?	

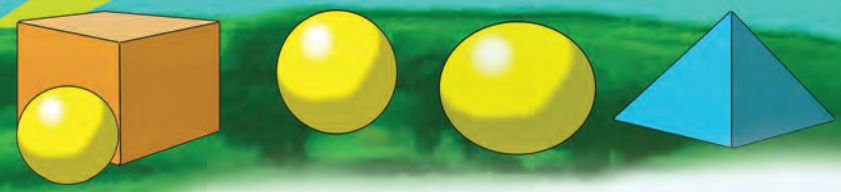
Gcwalisa letinombolo letishiyiwe.

Leti-ke tibuye tibitwe ngekutsi tinombolo-mashiyana.

	2		4		6		8		10
	12		14		16		18		20

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



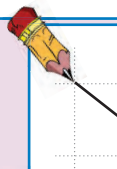
Lusuku:

Nombolo 18

Sibuyeketo:

Tifundzise kubhala ligama nombolo ucedzele iphethini.

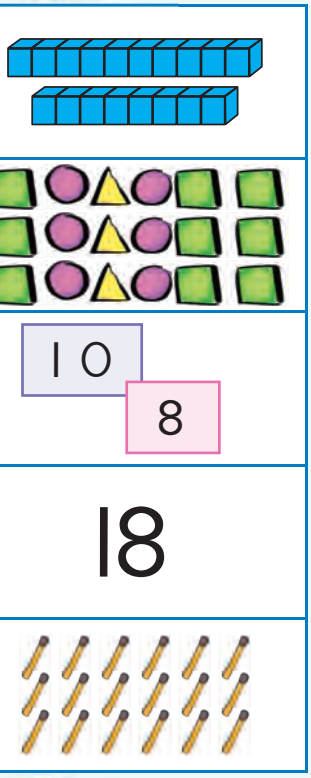
9 imfica



Condzanisa letitfombe.

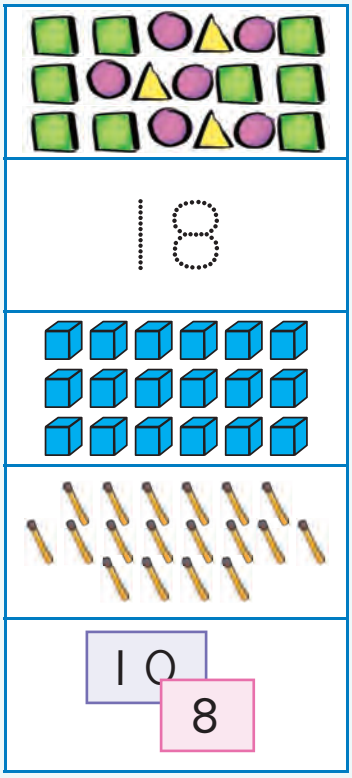


Tsatsisa letinombolo.



10 8

18



10 8

18 18 18 18

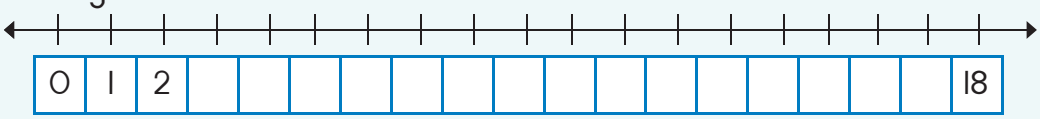
lishumi-nesiphohlongo

18 18 18 18

lishumi-nesiphohlongo



Cedzela lomugca - nombolo.









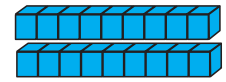
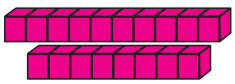
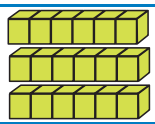
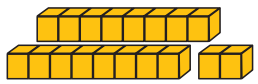
Dvweba li-18 letintfo.

Manje tidvwebe ngendlela leyehlukile.

Nguyiphi inombolo lelandzelako?

8	9	
33	34	
0	1	

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

	18	
		
		lishumi-nesiphohlongo
		

Ngubani kunye ngaphasi kwe-18?	
Ngubani kubili ngaphasi kwe-18?	
Ngubani kunye ngetulu kwe-18?	
Ngubani kubili ngetulu kwe-18?	

Gcwalisa letinombolo letishiyiwe.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Lusuku:

Nombolo 19

Sibuyeketo:

Tifundzise kubhala ligama nombolo ucedzele iphethini.

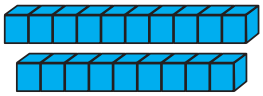
10 lishumi

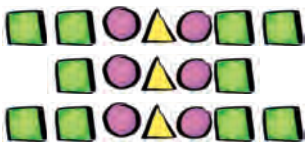


Condzanisa letitfombe.



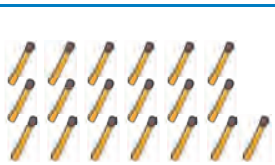
Tsatsisa letinombolo.

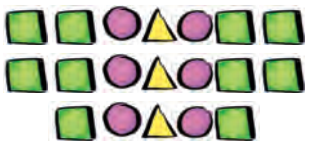




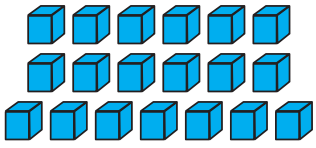
10 9

19





19





10 9

19 19 19 19

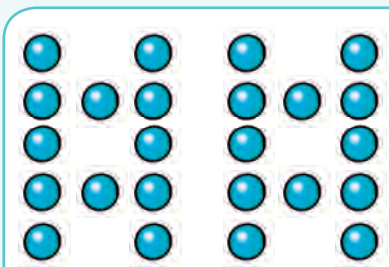
lishumi–nemfica

19 19 19 19

lishumi–nemfica



Biyela buhlalu lobuli-19 kuphela.



Bungaki lobusele? _____

0 1 2 3 4 5 6 7 8 9 10



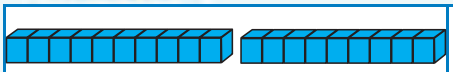
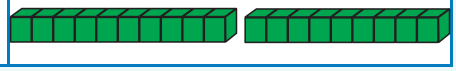
Dvweba li-19 letintfo.

Manje tidvwebe ngendlela leyehlukile.

Nguyiphi inombolo leta emkhatsini?

14		16
35		37
8		10

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

	19	
		
		lishumi-nemfica
		

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

Gcwalisa letinombolo letishiyiwe.

Leti-ke tibuye tibitwe ngekutsi tinombolo malinganisa.

1		3		5		7		9	
11		13		15		17		19	

Teacher:
Sign:
Date:

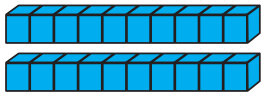
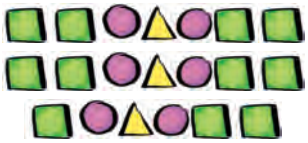
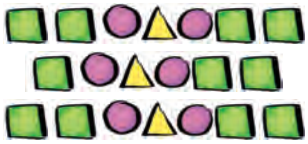
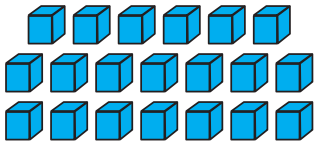
11 12 13 14 15 16 17 18 19 20

Lusuku: _____

Nombolo 20



Condzanisa letitfombe.

	
	20
10 10	
20	
	10 10



Tsatsisa letinombolo.

20 20 20 20

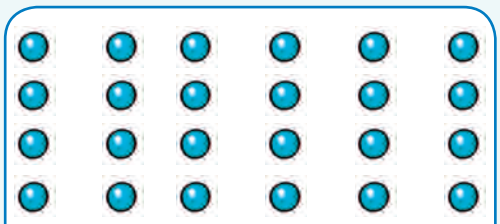
emashumi lamabili

20 20 20 20

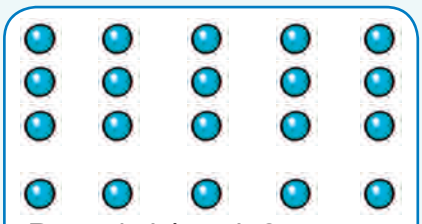
emashumi lamabili



Biyela buhlalu lobungema-20 kuphela.



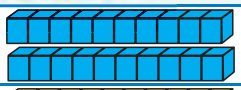
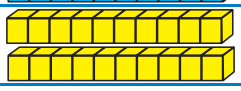
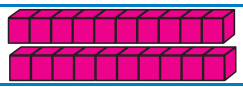
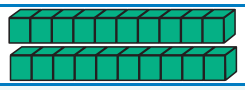
Bungaki lobusele? _____



Bungaki lobusele? _____



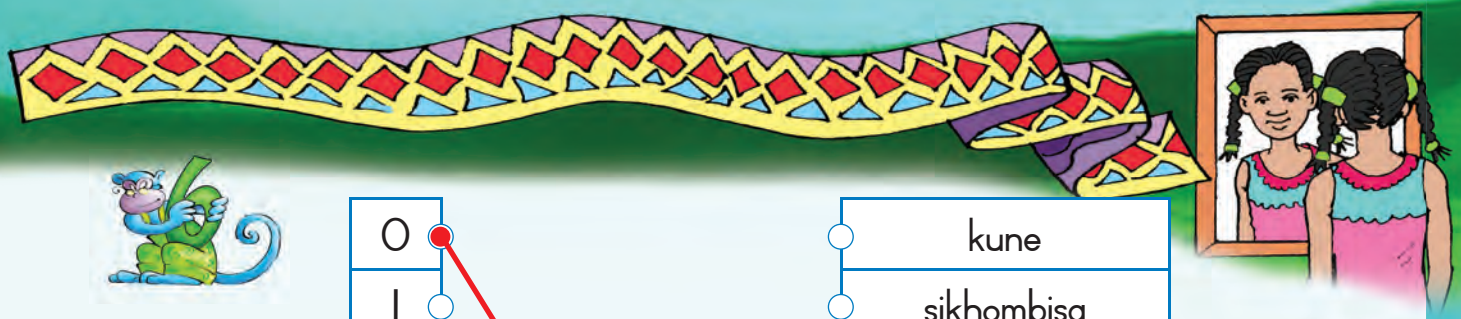
Cedzela lithebula. Luhele ngalunye lunesitfombe, inombolo neligama laleyo nombolo.

	20	emashumi lamabili
		emashumi lamabili
20		
		



Ngubani kunye ngaphasi kwe-20? _____

Ngubani kunye ngetulu kwe-20? _____



Chumanisa inombolo neligama.

0	kune
1	sikhombisa
2	imfica
3	kutsatfu
4	lishumi-nanye
5	lishumi-nambili
6	kunye
7	kubili
8	siphohlongo
9	licandza
10	sihlanu
11	sitfupha
12	lishumi-nantsatfu
13	lishumi
14	lishumi-nane



Gcwalisa inombolo leshiyiwe.

Ngembili		Kamuva
16	17	
	12	
	14	
	9	10
	6	



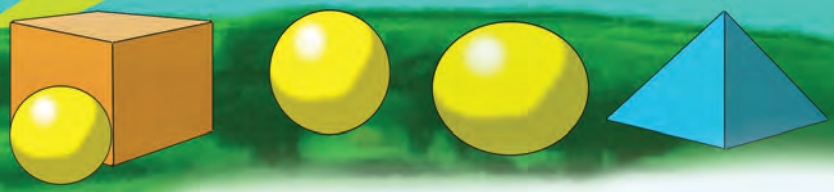
Sebentisa emagama **ngaphasi** na **ngetulu** kucedzela loku:

35 u _____ kwa 38

79 u _____ kwa 65

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Lusuku:

Kuhlanganisa



Biyela inombolo lenkhudlwana ebhulokini ngalinye.

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

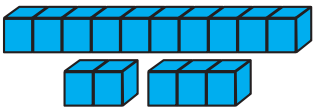
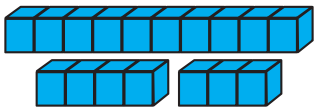
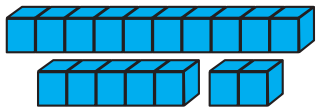


Hlanganisa loku lokulandzelako. Cala ngekubeka inombolo lenkhulukati kucala.

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

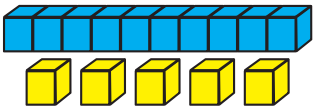
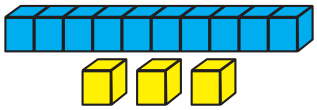
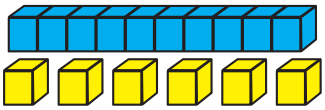


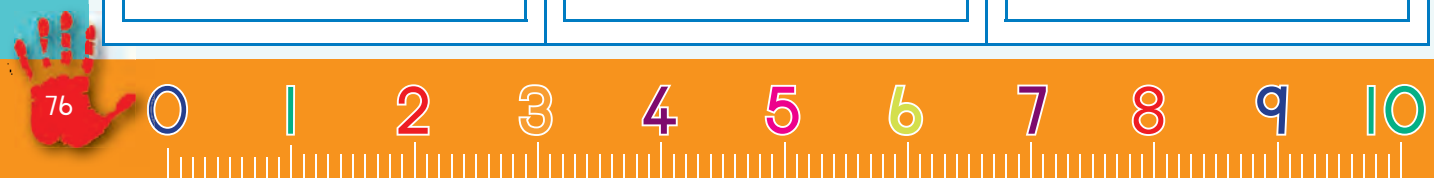
Hlanganisa emabhuloki.

		
10 + 2 + 3 = 15		
10 + 5 = 15		



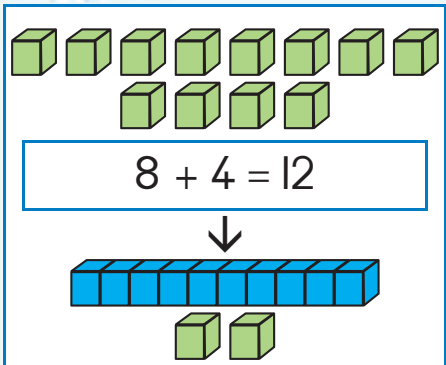
Bhala umusho nombolo waloku lokulandzelako:



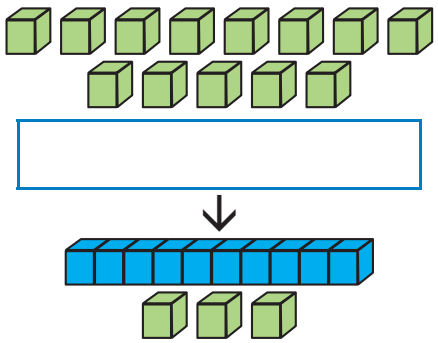


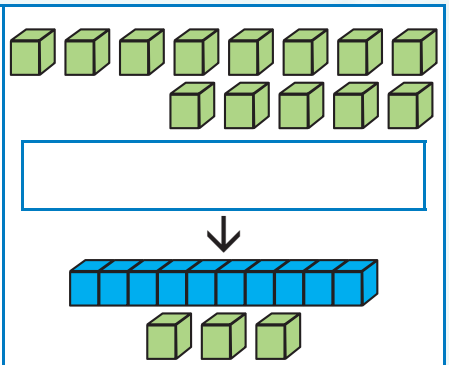
5 Bhala umusho wangakunye ngakunye kwaloku lokulandzelako:

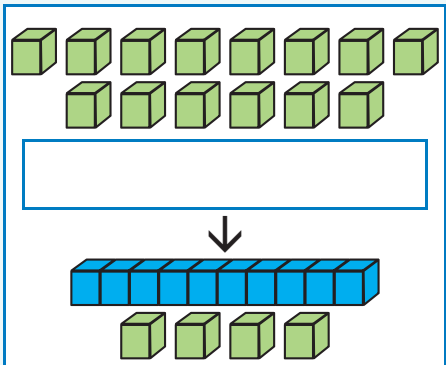


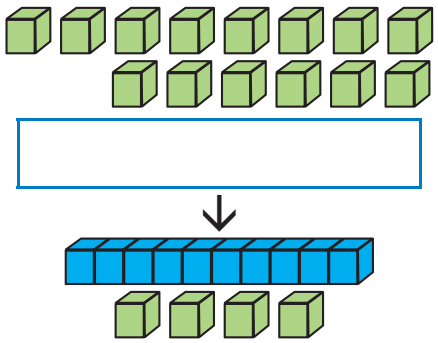
8 + 4 = 12

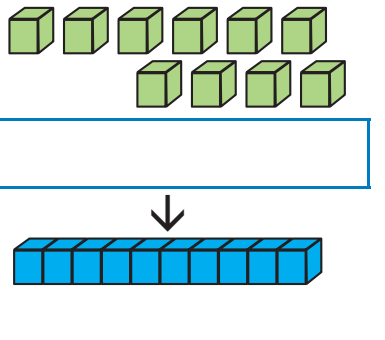
10 + 2 = 12













Gcwalisa letinombolo letishiyiwe.

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



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Lusuku:

Kususa

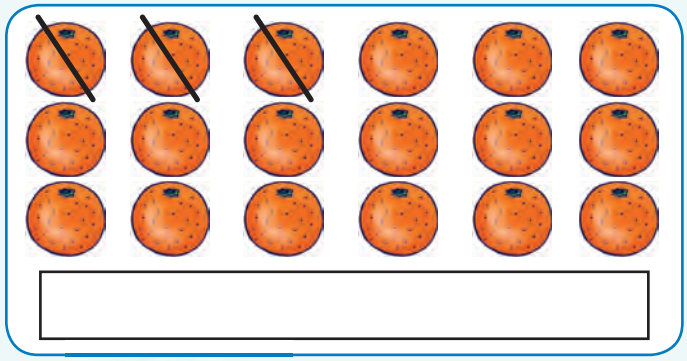


Bala kahle.

17	−4	
19		
14		
12		

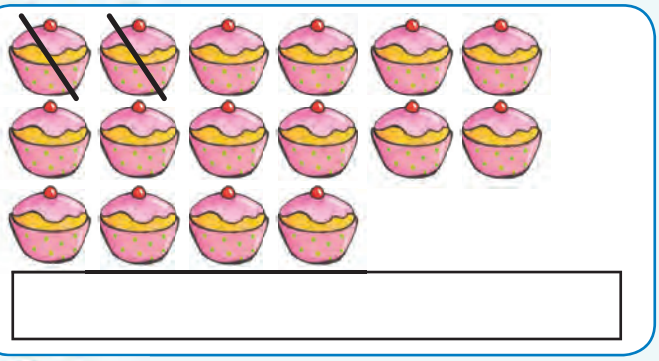


Bhala umusho nombolo.





Bhala umusho nombolo.





Bala kahle.

18	−4	
7		
15		
9		



Cedzela letibalo usebentisa lemidvwebo.



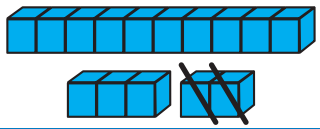
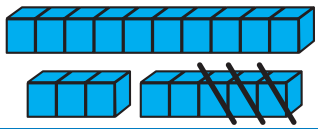
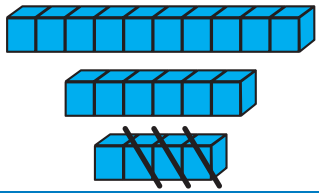
16 − ☐ = 11



10 + ☐ = ☐



Susa emabhuloki.

		
(10 + 3) − 2 =		
13 − 2 =		

Bala kahle loku lokulandzelako:

11 + 7 = ☐	11 + 7 = ☐
11 + 4 + ☐ = ☐	11 + 5 + ☐ = ☐
19 − 7 = ☐	17 − 9 = ☐
19 − (5 + ☐) = ☐	17 − (7 + ☐) = ☐

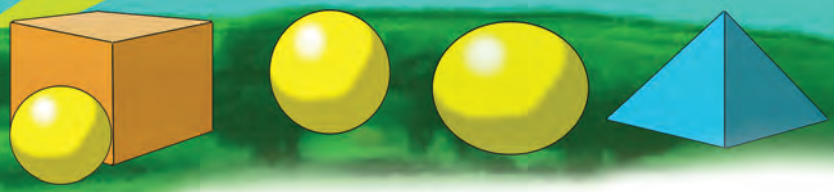
Cedzela loku lokulandzelako:

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

Phendvula loku lokulandzelako:

9 + 9 − 1 =		noma	Kuphindza kabili 9 − 1 =	
		noma	Kuphindza kabili 5 − 1 =	
4 + 4 − 1 =		noma		

Teacher:
Sign:
Date:

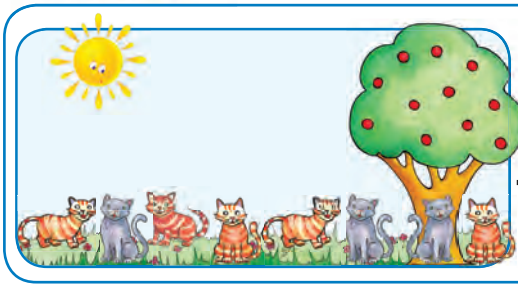


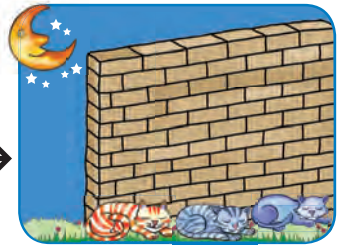
Lusuku:

Kuhlanganisa nekususa

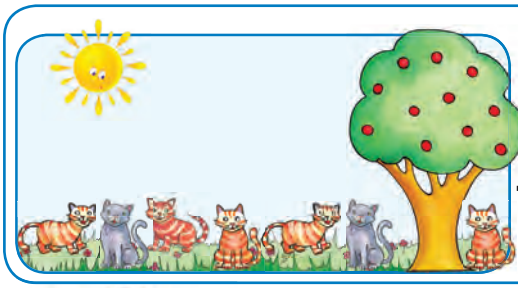


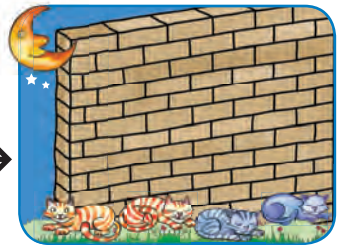
Bala kutsi mangaki emakati lahleti elangeni. Ebusuku, lamanye awo ayahamba alale emva kweludvonga. Bala kahle utfole kutsi mangaki langemuva kweludvonga bese ubhala inombolo phansi.





3 + ☐ = 8





4 + ☐ = ☐



Sombulula loku lokulandzelako.
Ungenta umdvwebo kukusita.

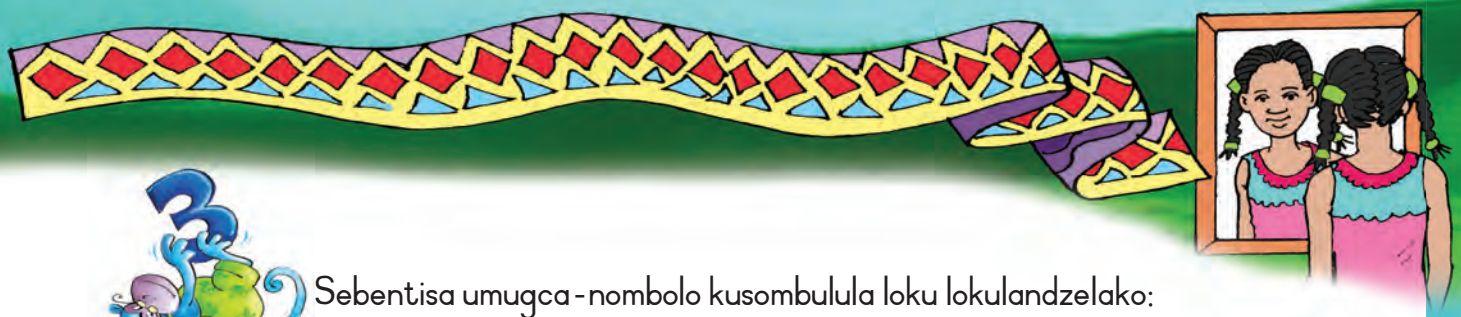


Lerato ebena ma-4 ema-orintji. Peter wamupha li-13 lema-orintji.
Mangaki ema-orintji lase anawo manje?

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

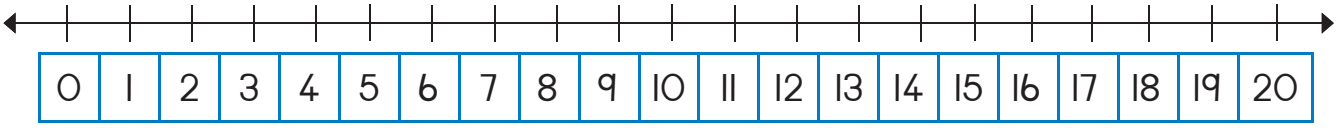


0 1 2 3 4 5 6 7 8 9 10



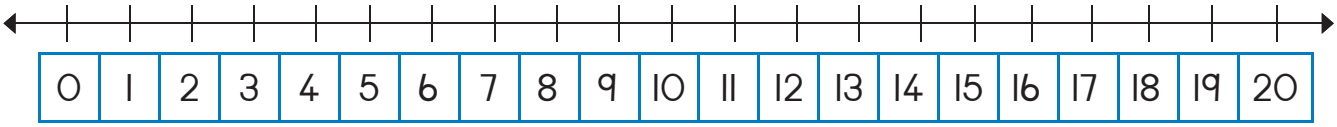
Sebentisa umugca-nombolo kusombulula loku lokulandzelako:

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



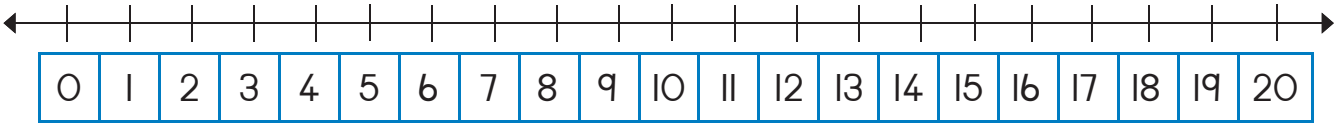


Lerato uneli-16 letimabula. Siphohlongo sato siluhlata leti-ke letisele tilingangane. Tingaki timabula lelingangane timabula lanato Lerato?





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





Ngutiphi tinombolo letitfolakala emkhatsini wa 25 na 30?

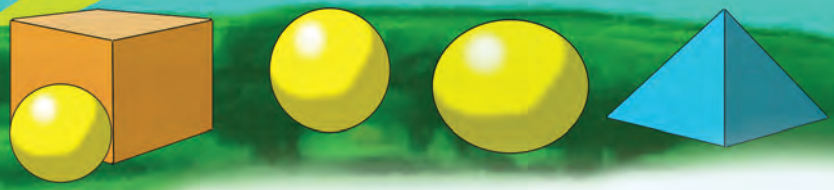
Biyela lenombolo lengu 1 ngetulu kwa 76.

74	75	76	77	78

Biyela lenombolo lengu 2 ngetulu kwa 76.

74	75	76	77	78

Teacher:
Sign:
Date:



Lusuku:

Tinombolo letihlelenjisiwe



Ngubani lowaphuma embili emcudzelwaneni?
Bhala sikhundla ngentasi kwabo.

Sipho	Lerato	John	Peter	Ana
				
	2	3		



Tidvwebe ebhentjini lelisembili.



Ngubani lotfole ligolide? _____

Ngubani lotfole litfusi? _____

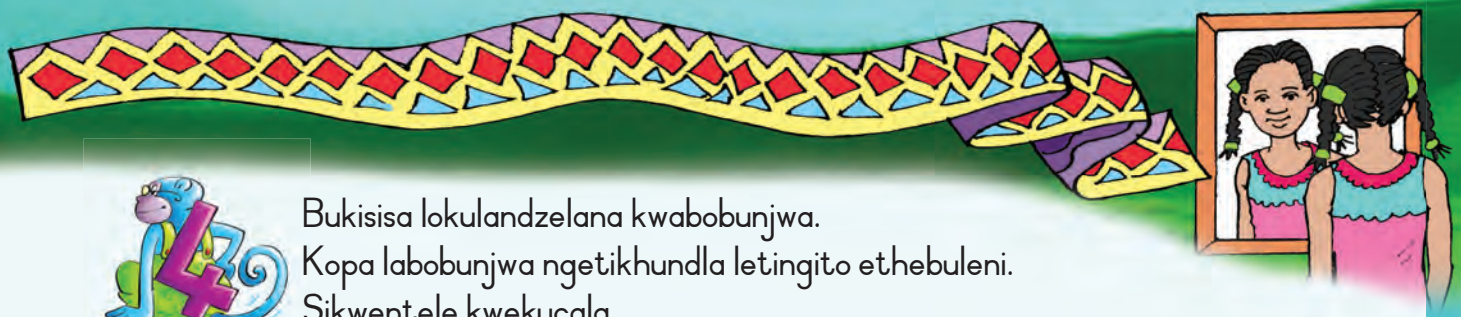


Dvweba lucu lwebuhlalu kanjengalokulandzelako:

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

Lucu lwami lwebuhlalu.

0 1 2 3 4 5 6 7 8 9 10



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.

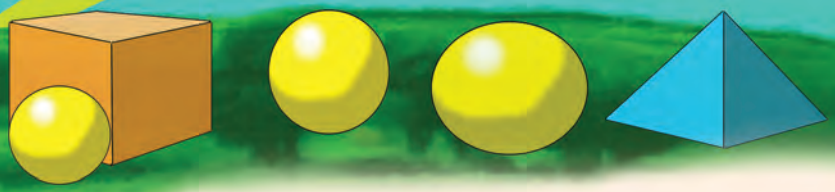
Faka umbala lomtfubi kundilinga yesihlanu.

Faka umbala lolingangane kundilinga yesiphohlongo.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



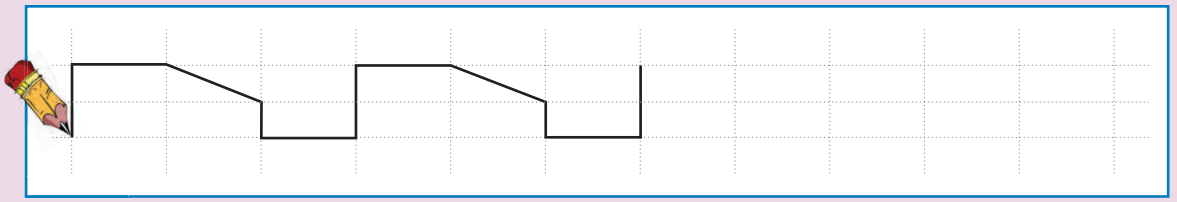
Lusuku:

Tintfo nabobunjwa

Ithemu 4

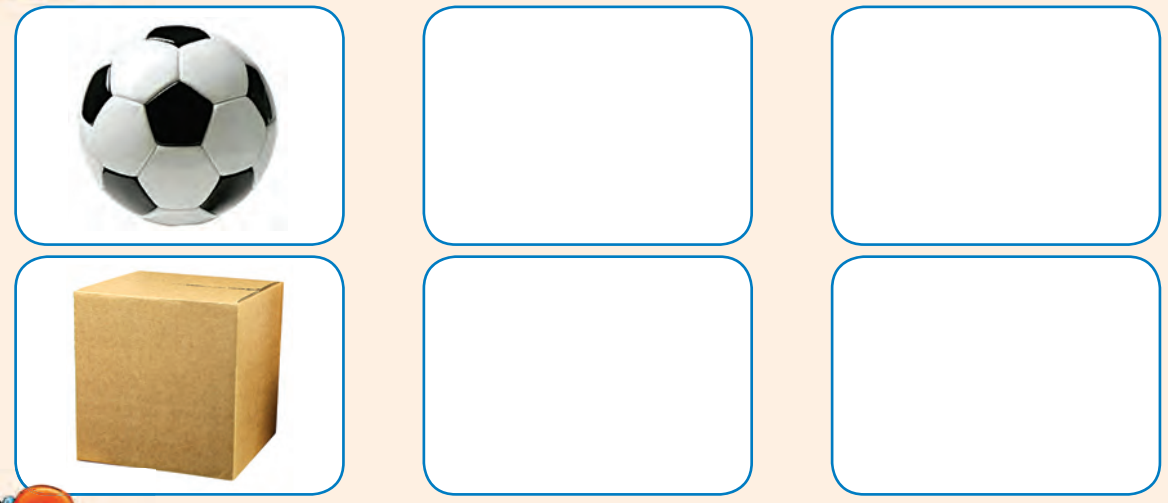
Sibuyeketo:

Sibuyeketo: Cedzela lephethini.





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

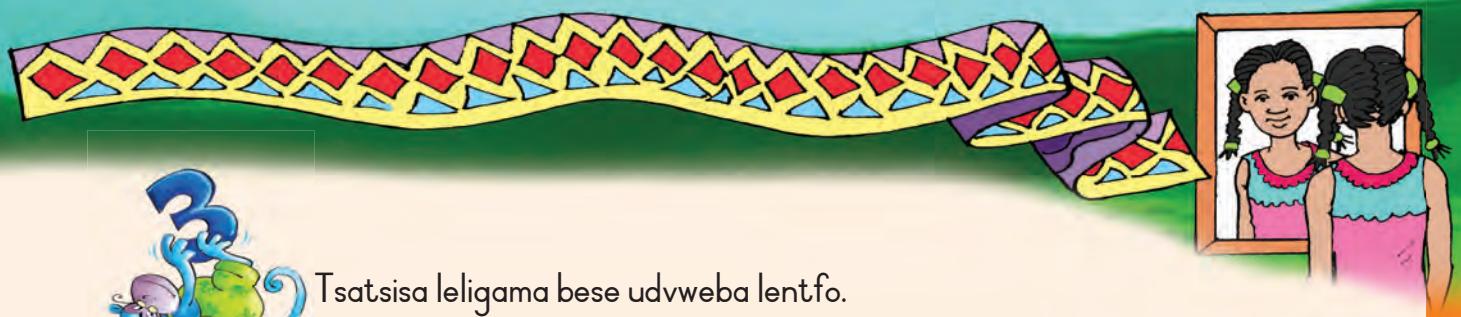




Dvweba indilinga lelingangane ibiyele tonkhe letintfo letingashelela.
Dvweba sikwele lesibovu sibiyele tonkhe letintfo letingagicika.



0 1 2 3 4 5 6 7 8 9 10

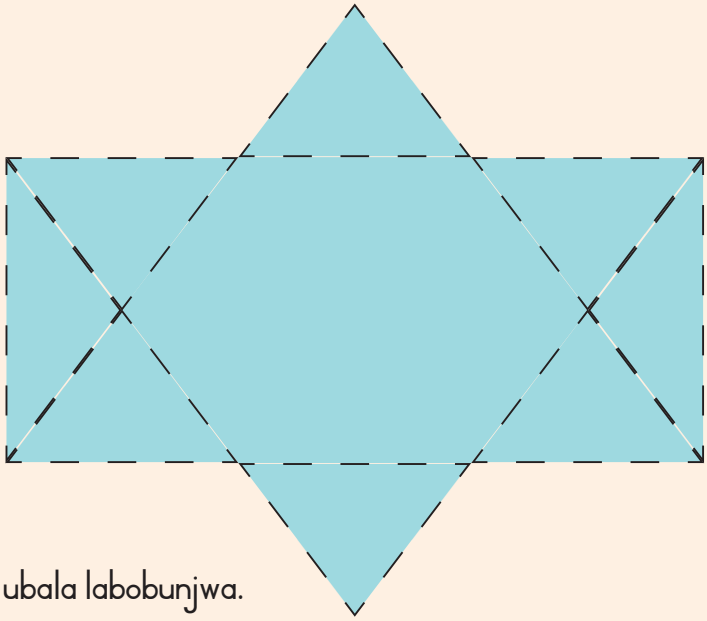


Tsatsisa leligama bese udvweba lentfo.

libhokisi	ibhola



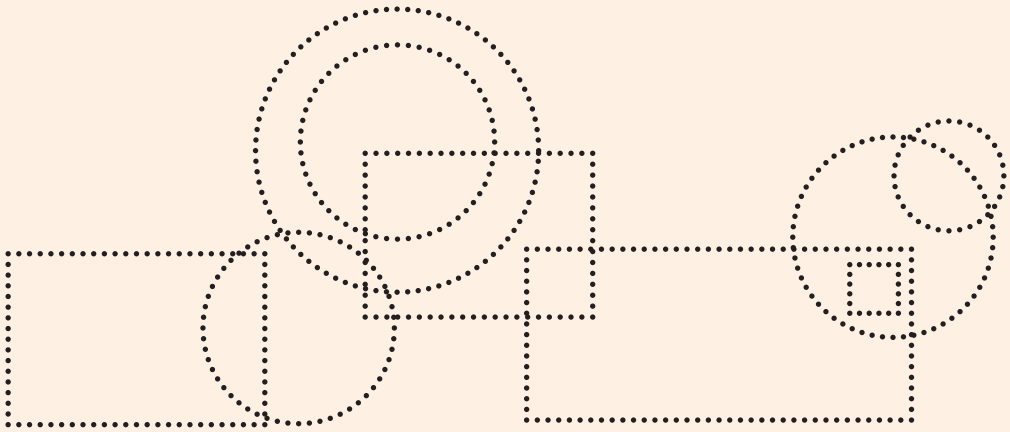
Bala bonkhe bocalantsatfu bese ubhala lenombolo.



Imphendvulo:



Tsatsisa bese ubala labobunjwa.



Tindilinga

Tikwele

Teacher:
Sign:
Date:

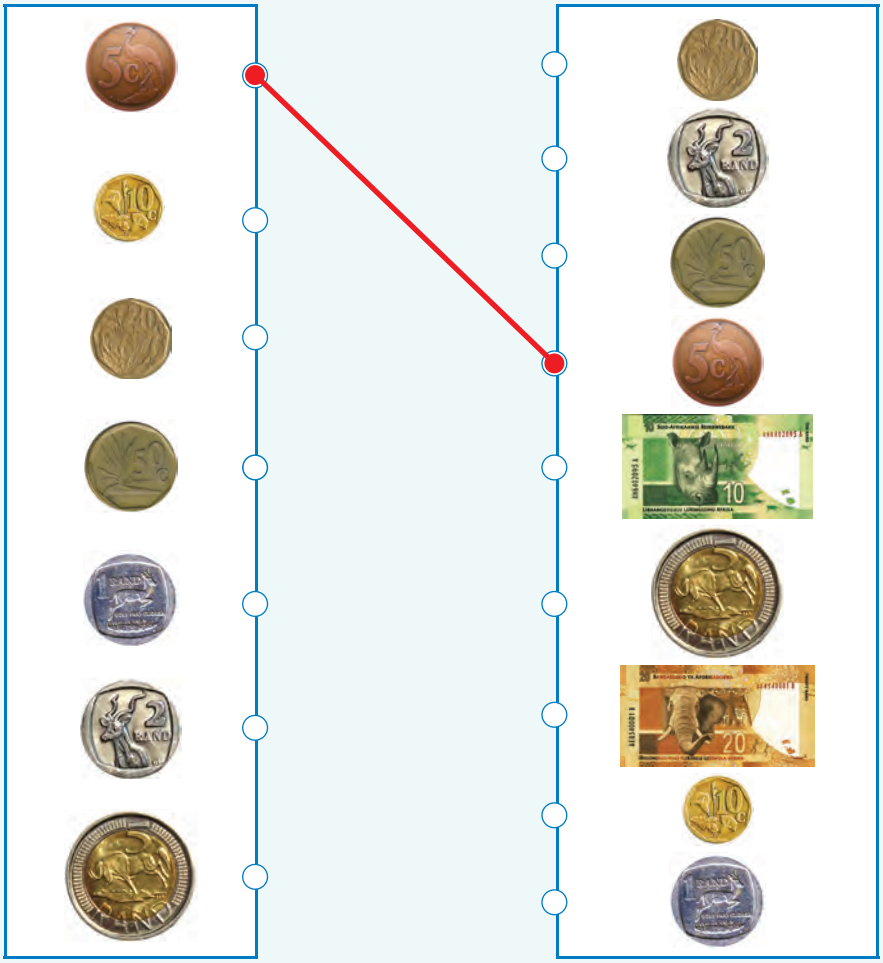
11 12 13 14 15 16 17 18 19 20

Lusuku:

Imali



Nguyiphi imali yebuhhehlu longayicondzanisa?

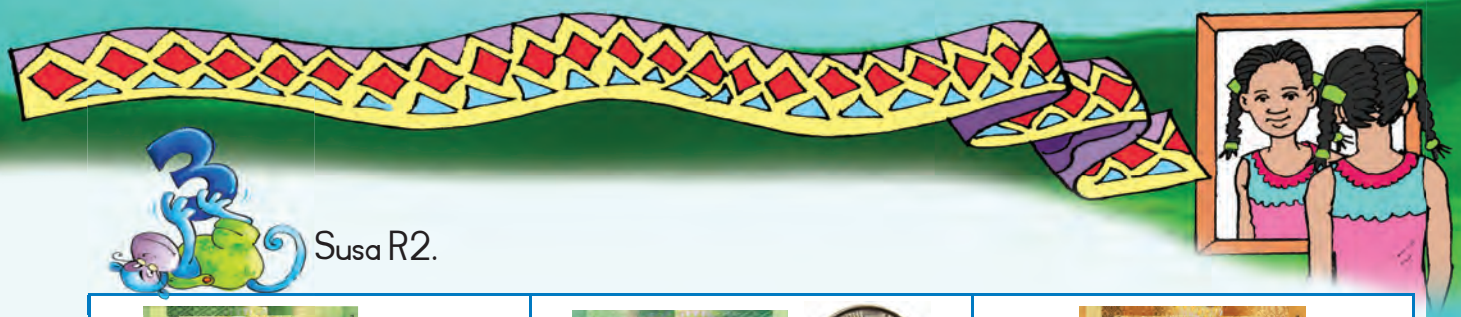




Tick the coins and notes in each block that will give you the following:

R10			
R20			
R15			

0 1 2 3 4 5 6 7 8 9 10



Susa R2.




R12 – R2 = R10







Susa R5.




R15 – R5 = R10







Ngutiphi tindlela letehlukene longatidvweba kubutsanisa ngato R20?
Sikwentele kwekucala.

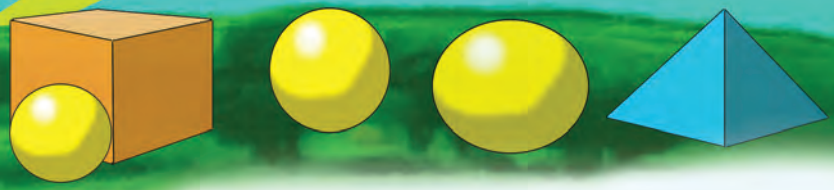


Biyela imali emgceni ngamunye longatsenga ngayo lokunyenti kakhulu.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Lusuku:

Imali futsi



Bala kahle.



Bala kahle.

R5	+ R7	
R9		
R7		
R4		

RI3	− R6	
RI5		
RI7		
RI4		



Gcwalisa imphendvulo.

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



Ngukuphi lokungetulu?
Biyela imphendvulo yakho.

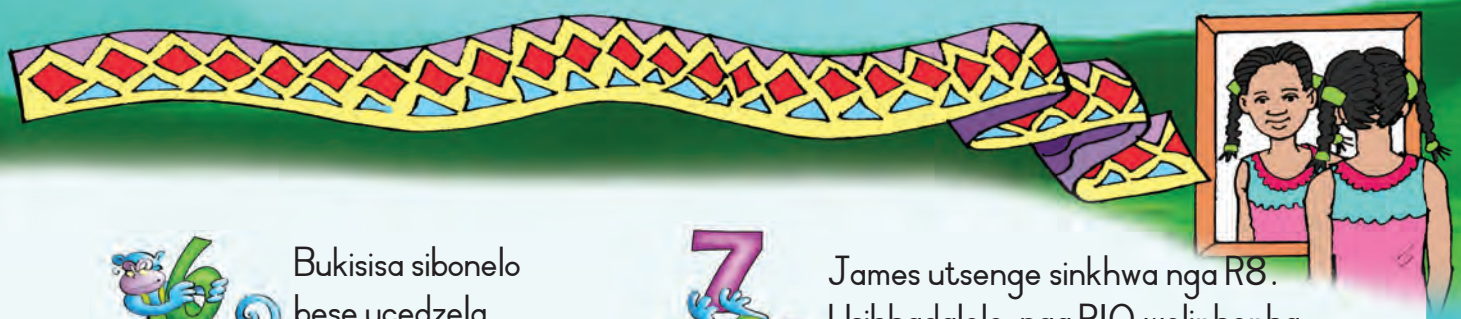
5c noma R5
20c noma R20
RI noma 50c
R2 noma RI
20c noma 50c



Hlanganisa letinombolo kuvundle kubuye futsi kwehle bese ugcwalisa timphendvulo.

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

0 1 2 3 4 5 6 7 8 9 10



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

Utsini umbuto?

_____

_____

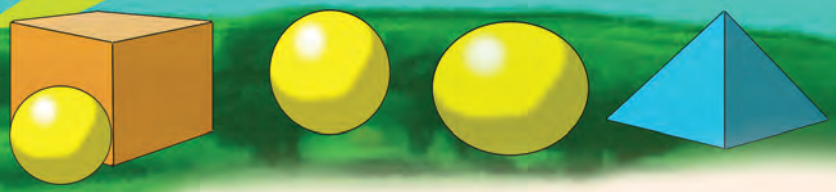
Bhala phasi letinombolo.

_____

Bhala phasi sibalo bese usibala kahle.

_____

Teacher:
Sign:
Date:

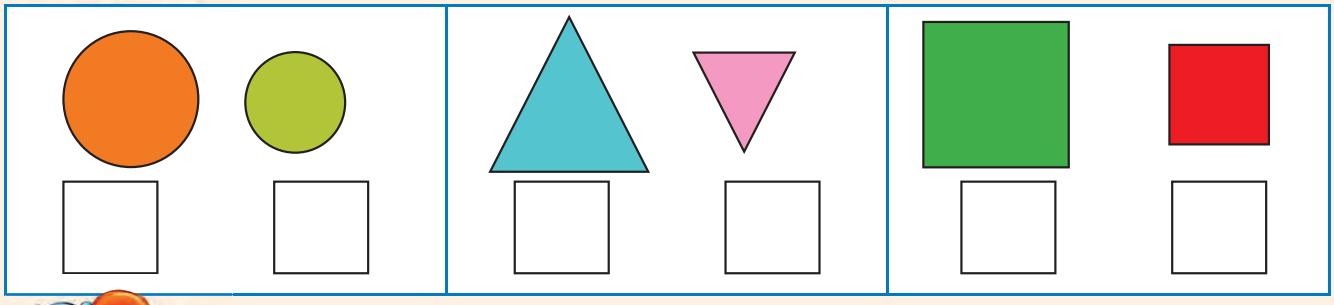


Lusuku:

Bobunjwa bebusobubili (2-D)

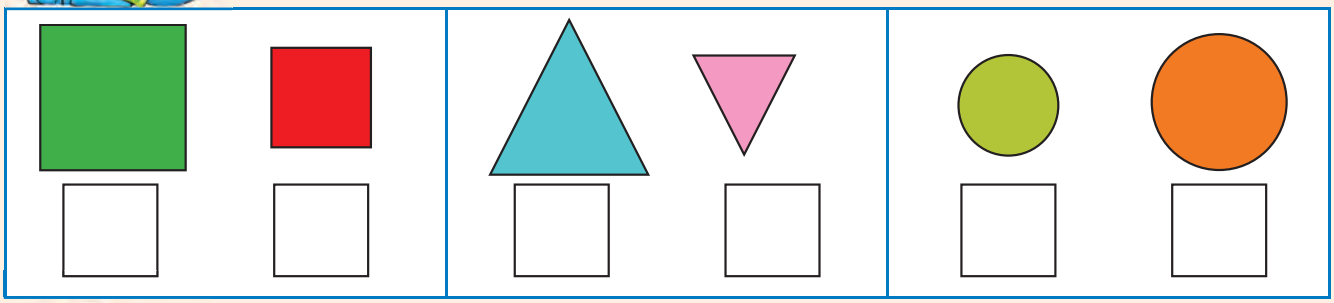


Faka luphawu ✓ kubunjwa lomncane kakhulu ebhulokini ngalinye.





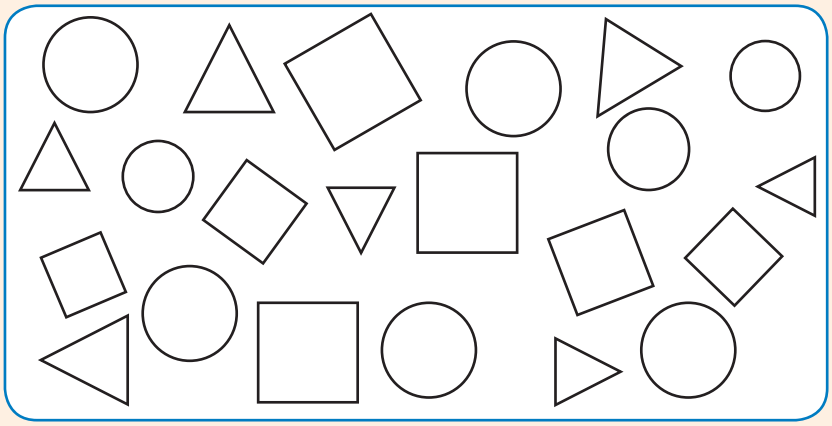
Faka luphawu ✓ kubunjwa lomkhulukati ebhulokini ngalinye.





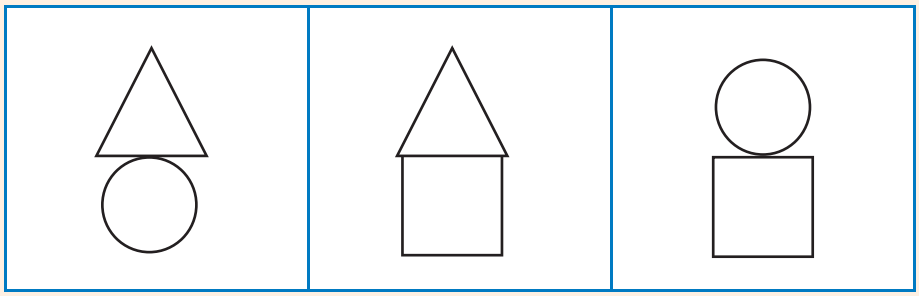
Faka umbala:

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





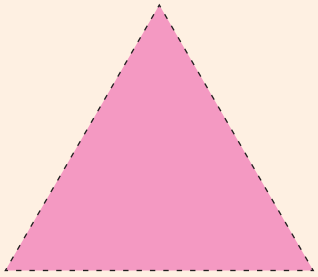
Yenta sitfombe usebentisa bobunjwa. Sikucalele sitfombe ngasinye ngabobunjwa laba-2.



0 1 2 3 4 5 6 7 8 9 10

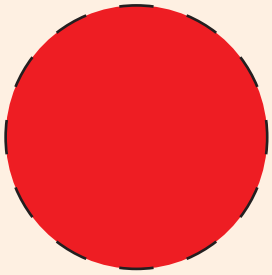


Dvweba labobunjwa kugridi.
Sebentisa letikwele letincane kukusita.

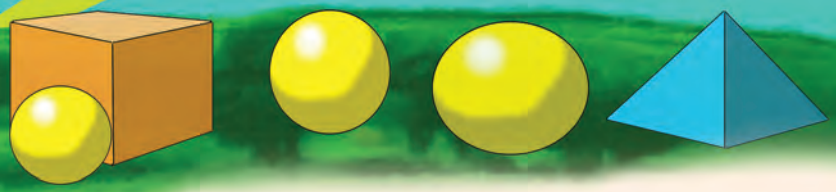








Teacher:
Sign:
Date:

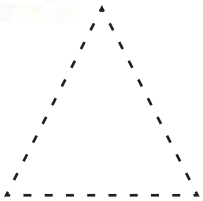
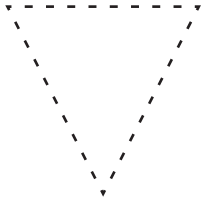
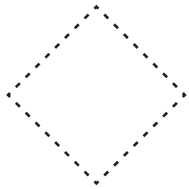


Lusuku:

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

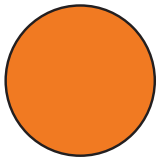
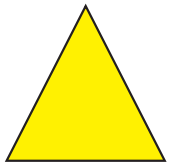


Tsatsisa labobunjwa labalandzelako.

 calantsatfu	 indilinga	 sikwele
 indilinga	 calantsatfu	 sikwele



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

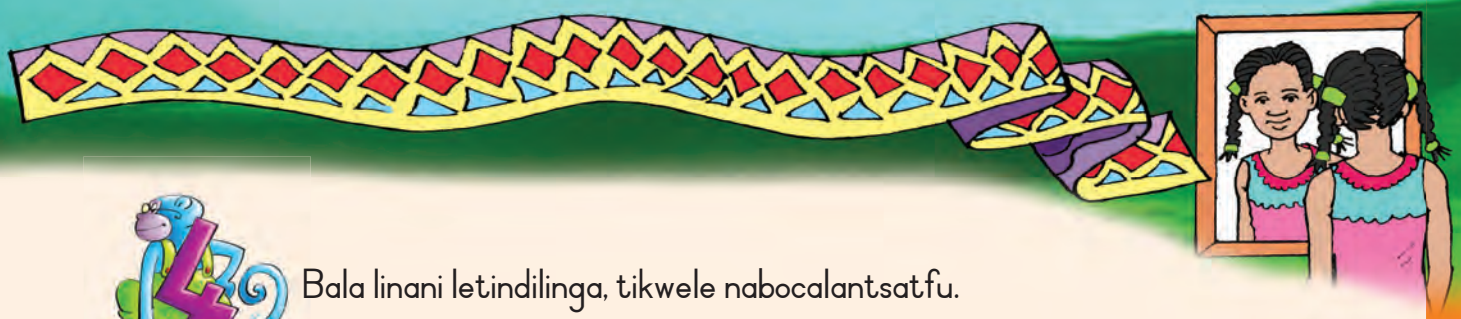
 emacala layindilinga ☐ emacala lacondzile ☐	 emacala layindilinga ☐ emacala lacondzile ☐	 emacala layindilinga ☐ emacala lacondzile ☐



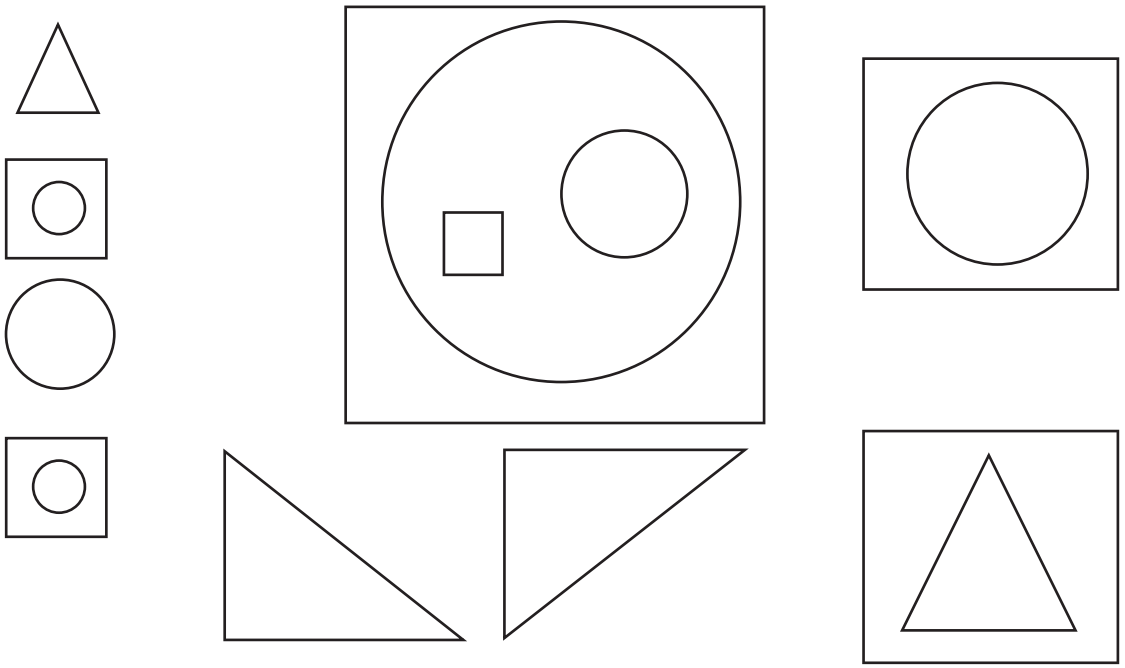
Dvweba bunjwa lonaloku:

emacala lacondzile	emacala layindilinga





Bala linani letindilinga, tikwele nabocalantsatfu.



Calantsatfu ☐ Indilinga ☐ Sikwele ☐

Tfola sitfombe lesibuya kumagazini sentfo lenaloku:

emacala layindilinga	emacala lacondzile

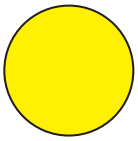
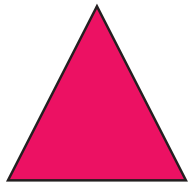
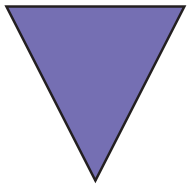
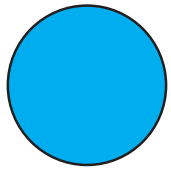
Teacher:
Sign:
Date:

Lusuku:

Labanye futsi bobunjwa bebusobubili (2-D)



Shano emagama alabobunjwa labalandzelako:

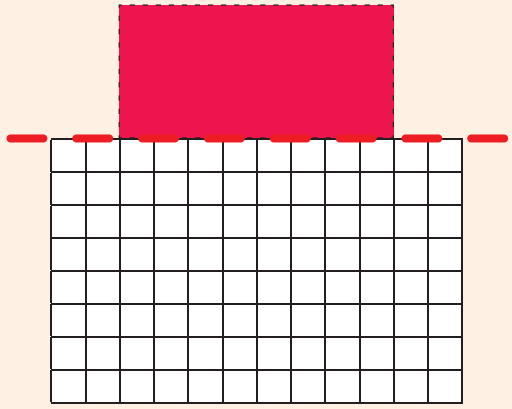


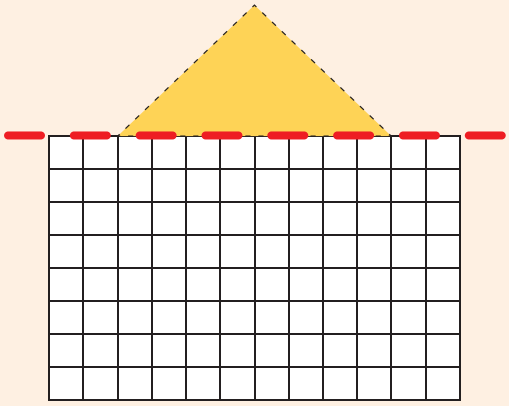
Dvweba sitfombe sakho usebentisa tindilinga, bocalantsatfu netikwele kuphela.

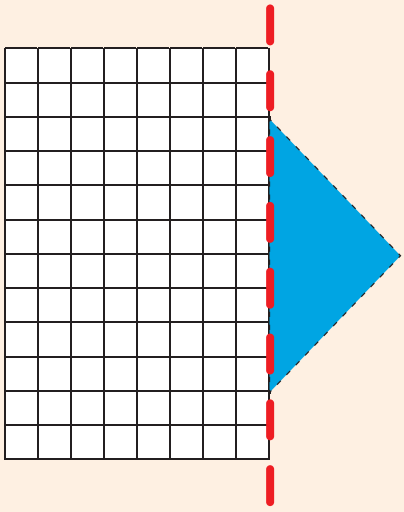
0 1 2 3 4 5 6 7 8 9 10

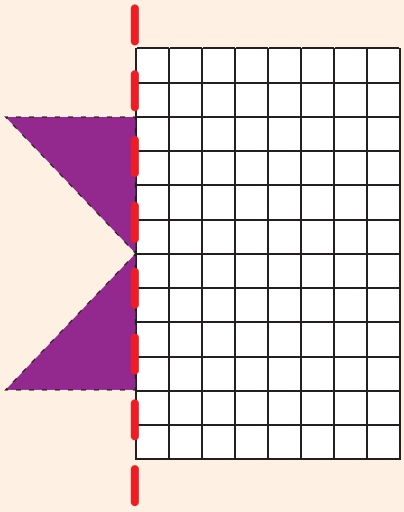


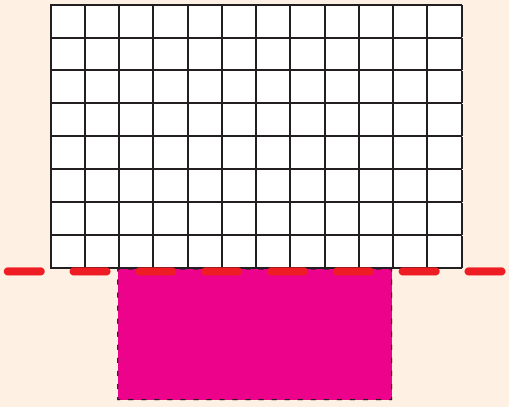
Dvweba lona lomunye hhafu wabunjwa ngamunye.
Sebentisa letikwele letincane kukusita.

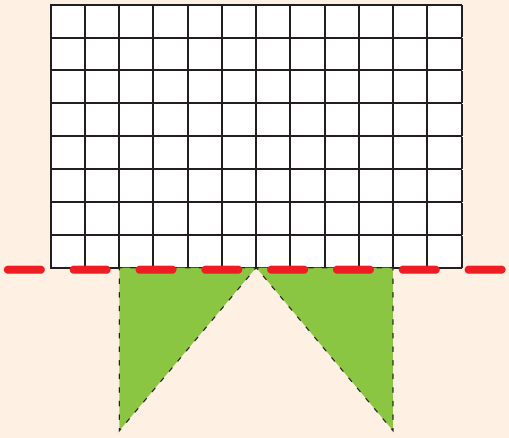












Bonkhe bobunjwa banemacala lacondzile na layindilinga .

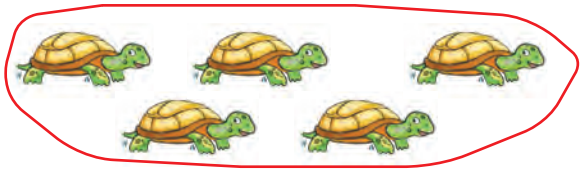
Teacher:
Sign:
Date:

Lusuku:

Ticumbi tetihlanu kufika ku 20



Dvweba tindilinga kwakha ticumbi tetihlanu.
Tingaki ticumbi tetihlanu lonato?

1 sicumbi sesi-5 	☐ sicumbi sesi-5 
☐ sicumbi sesi-5 	☐ sicumbi sesi-5 



Bala linani leminwe. Bhala phasi imphendvulo yakho.



5 + 5 + 5 = ☐



5 + 5 + 5 + 5 = ☐



5 + 5 + 5 + 5 + 5 = ☐

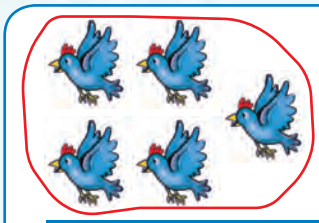


5 + 5 + 5 + 5 + 5 + 5 = ☐

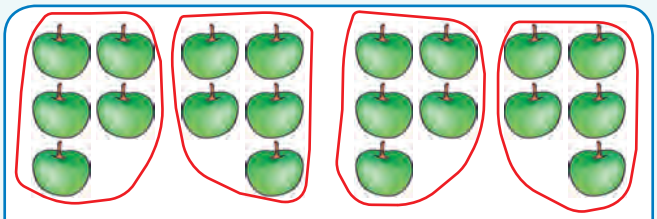
0 1 2 3 4 5 6 7 8 9 10



Bhala umusho wangakunye ngakunye kwaloku lokulandzelako:











Phendvula lemibuto.



Bangaki bo 5c bebuhhehlu lobabonako?

Bhala loku njengemusho nombolo:

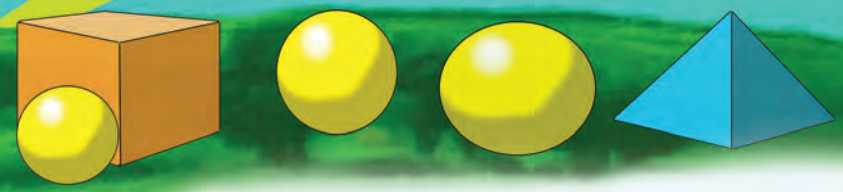


Gcwalisa letinombolo letishiyiwe.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



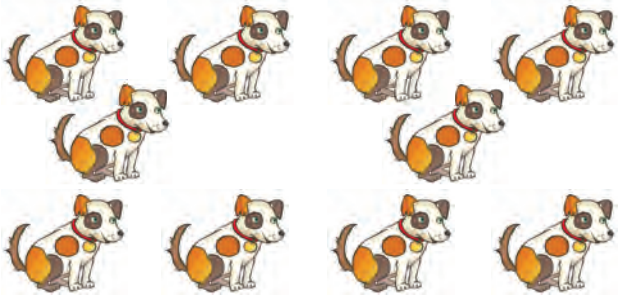
Lusuku:

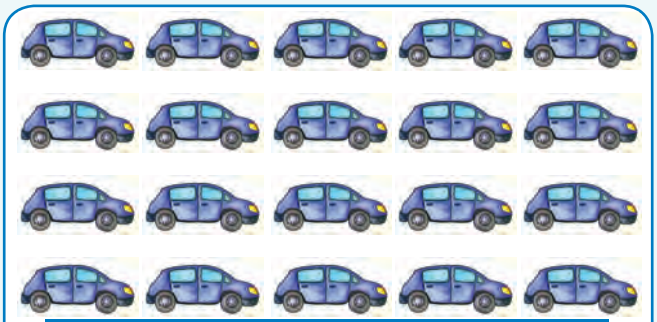
Tihlanu – kuhlanganisa lokuphindziwe kufika ku 20

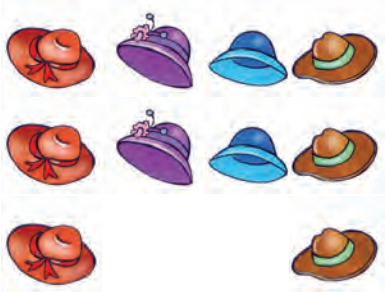


Yenta ticumbi tetihlanu bese ubhala lomusho nombolo.











Dvweba ticumbi tabobunjwa kukhombisa lemisho nombolo.

5 + 5 + 5 = ☐

5 + 5 + 5 + 5 = ☐

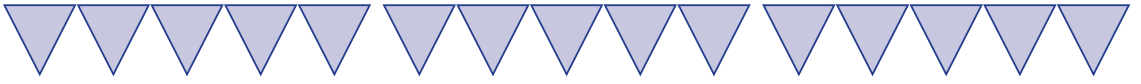
0 1 2 3 4 5 6 7 8 9 10



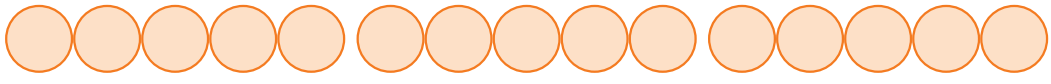
Bhala umusho wangakunye ngakunye kwaloku lokulandzelako:



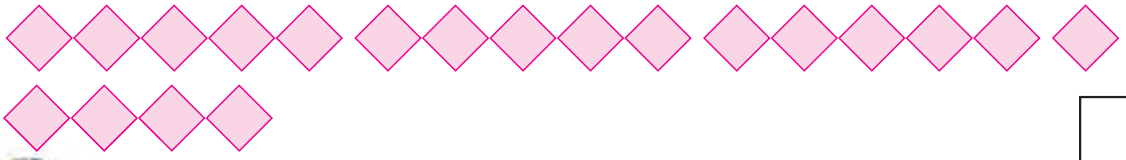
5 + 5 = ☐



☐



☐



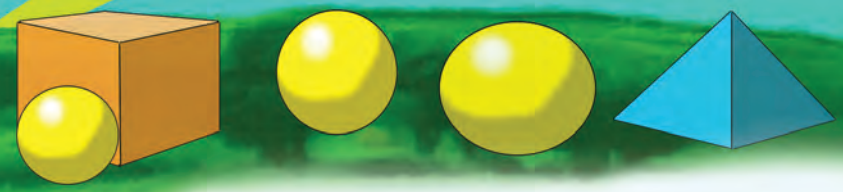
☐

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:

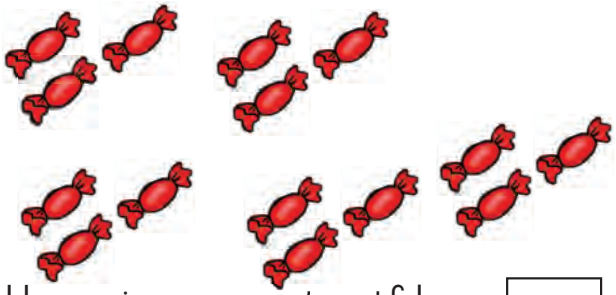


Lusuku:

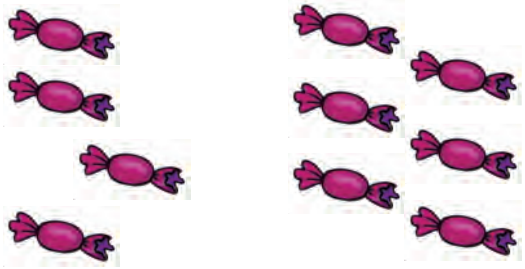
Kwabelana kufika ku 20



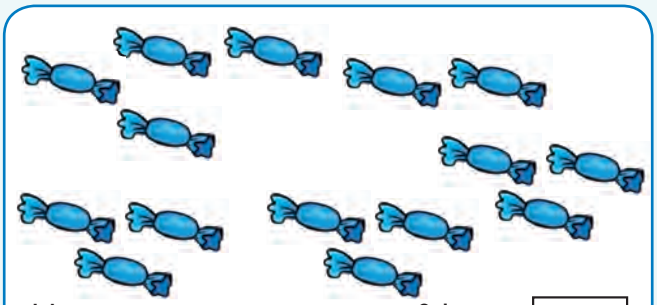
Yabani emaswidi emkhatsini webangani labasihlanu.
Mangaki emaswidi latawutfolwa ngumuntfu ngamunye?



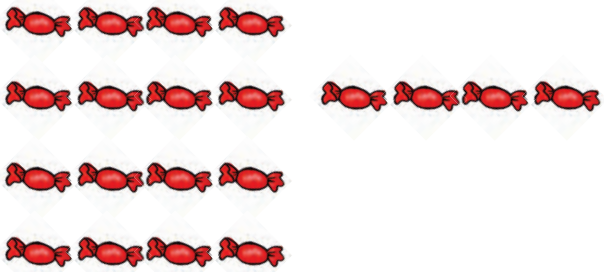
Umngani ngamunye utawutfola emaswidi la ☐



Umngani ngamunye utawutfola emaswidi la ☐



Umngani ngamunye utawutfola emaswidi la ☐



Umngani ngamunye utawutfola emaswidi la ☐



Faka umbala kutimphindza tesihlanu.

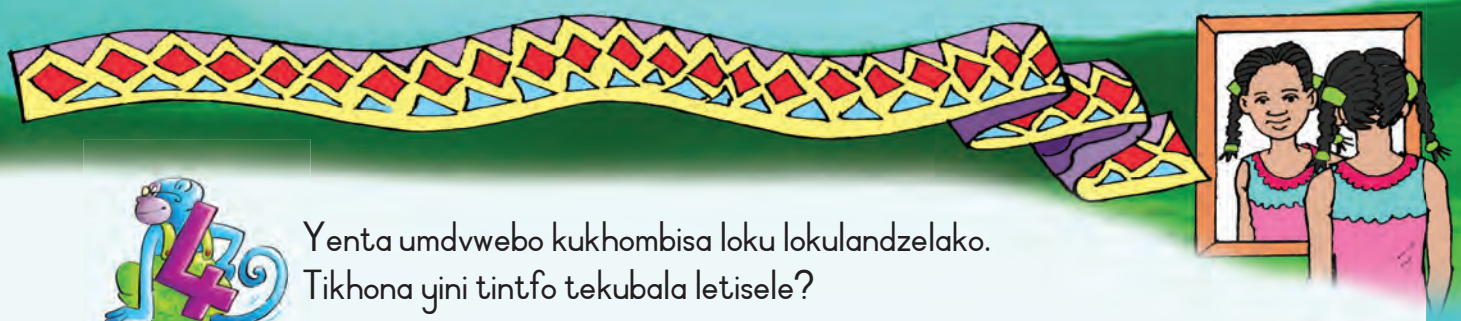
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20



Gcwalisa letinombolo letishiyiwe.



	11	12	13	14		16		18	19	



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 = ☐



☐

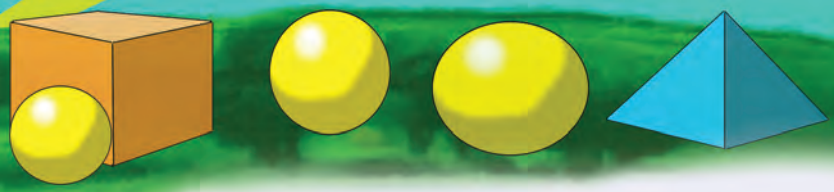


☐



☐

Teacher:
Sign:
Date:



Lusuku:

Emaphethini nombolo – tihlanu kuya ku 100



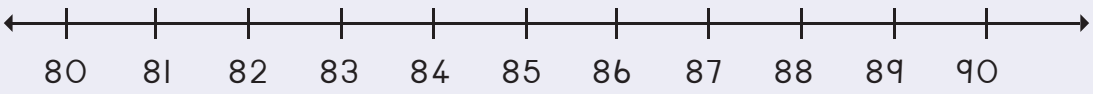
Cedzela lephethini ngekufaka umbala kutimphindza tesihlanu.

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

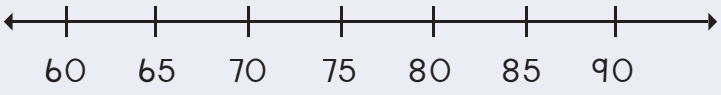


Dvweba imihibe kukhombisa loku lokulandzelako:

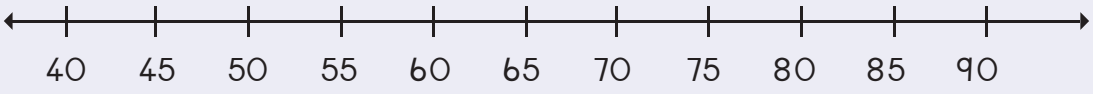
86, 88, 90



70, 75, 80



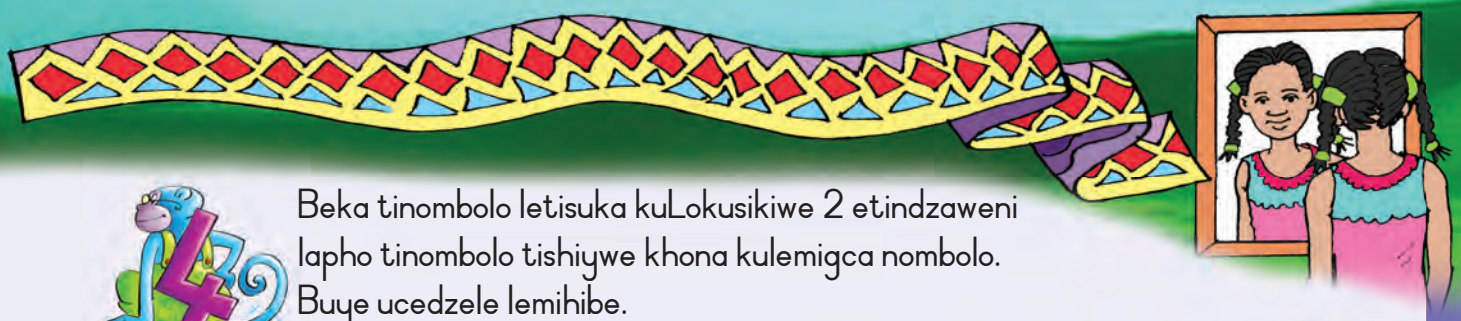
55, 60, 65, 70



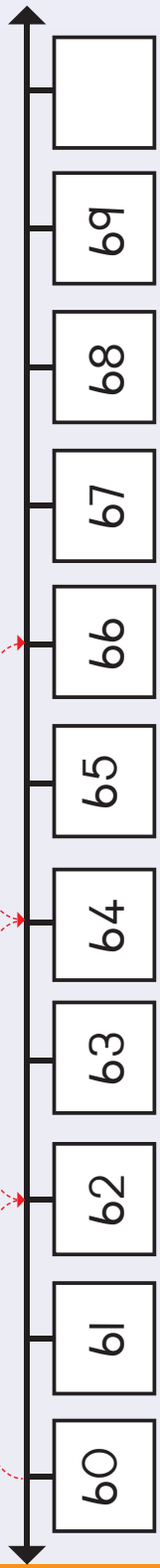


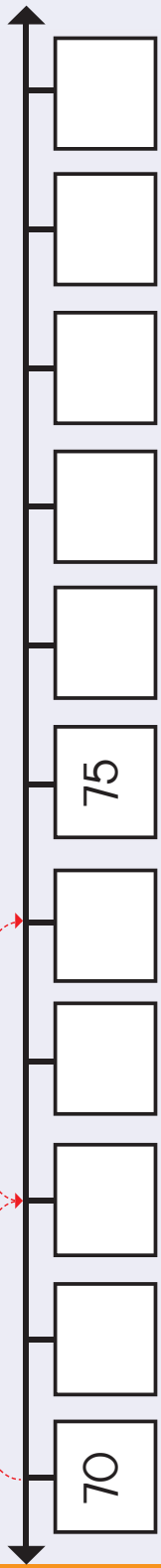
Sebentisa leliwashi kukhombisa kubala imizuzu ngetihlanu.

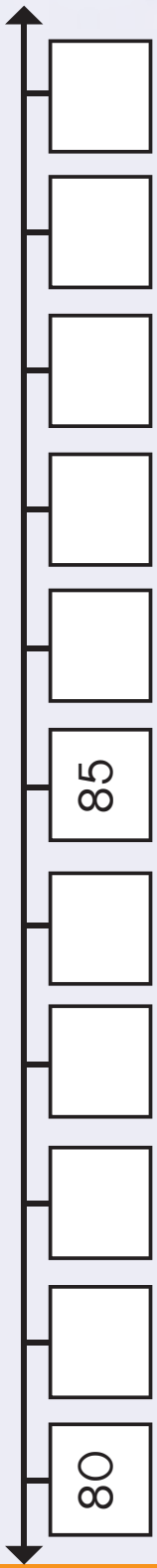




Beka tinombolo letisuka kuLokusikiwe 2 etindzaweni lapho tinombolo tishiywe khona kulemigca nombolo. Buye ucedzele lemihibe.

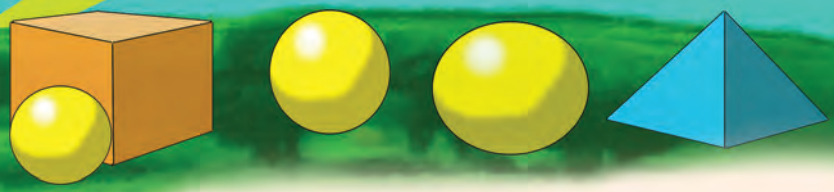






Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Lusuku:

Sikhundla nelicala lekubuka



Condzanisa lingembili nelingemuva lesilwane ngasinye.

Lingembili	Lingemuva
	
	
	
	



Biyela butjoki lobuhambisana-ngco nebutjoki lobulapho kufakwe umbala khona.

↑	
↓	
←	
→	

→	←	↑	↓
↑	↓	→	←
→	←	↑	↓
↑	←	↓	→

0 1 2 3 4 5 6 7 8 9 10



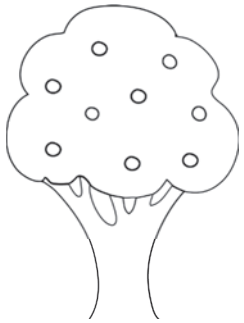
3 Faka umbala licala lelifanele.

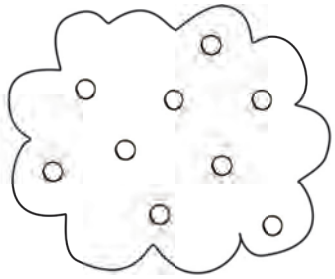
		
Licala langetulu	Licala langetulu	Licala laseceleni
Licala laseceleni	Licala laseceleni	Licala langembili
Licala langembili	Licala langembili	Licala langemuva

4 Likuphi likati?
Faka umbala emphendvulweni lengiyo.

		
Ngemuva	Ngemuva	Ngemuva
Ngembili	Ngembili	Ngembili
Eceleni	Eceleni	Eceleni

5 Bukisisa letitfombe letintsatfu.
Faka umbala kucala langetulu.





Teacher:
Sign:
Date:

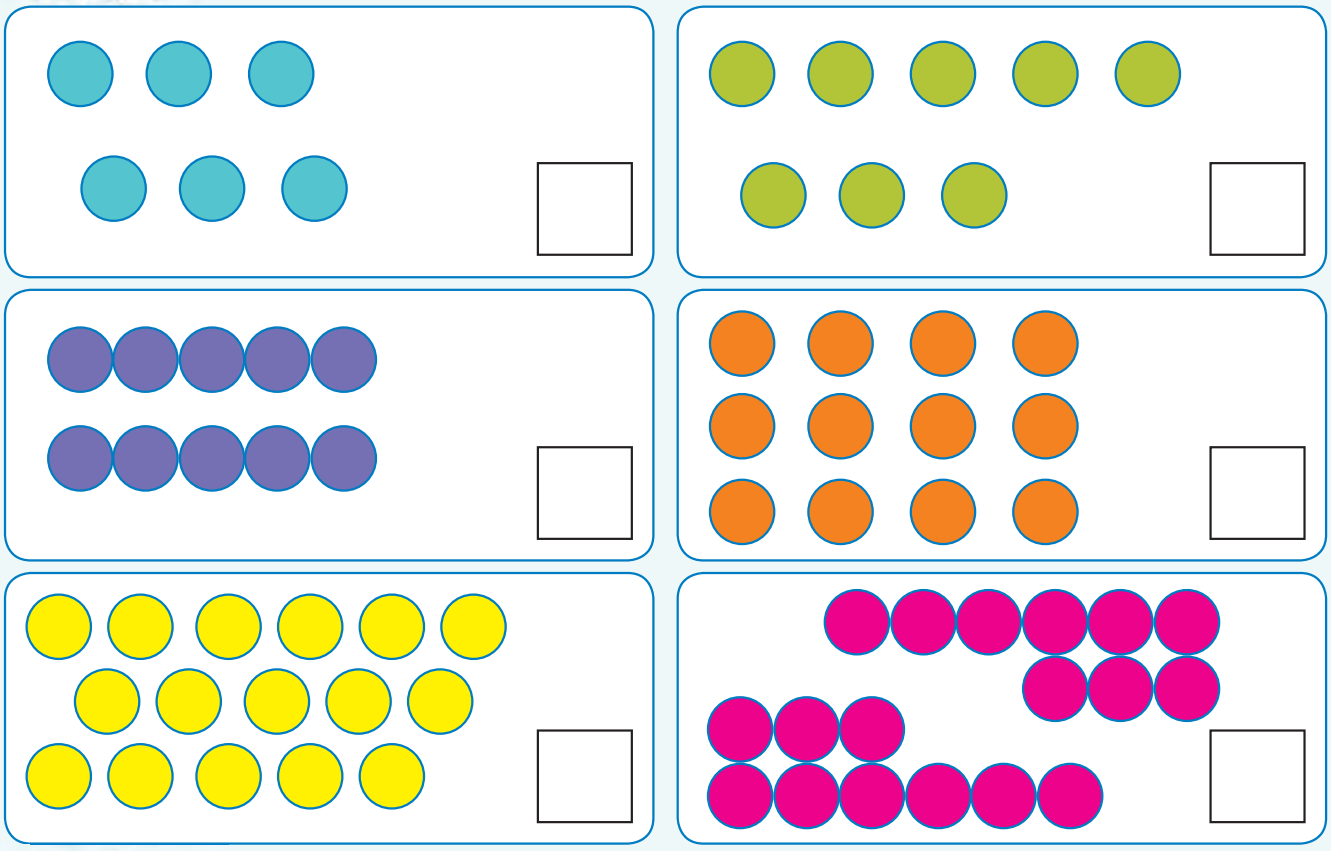
11 12 13 14 15 16 17 18 19 20

Lusuku:

Ticumbi takubili kufika ku 20

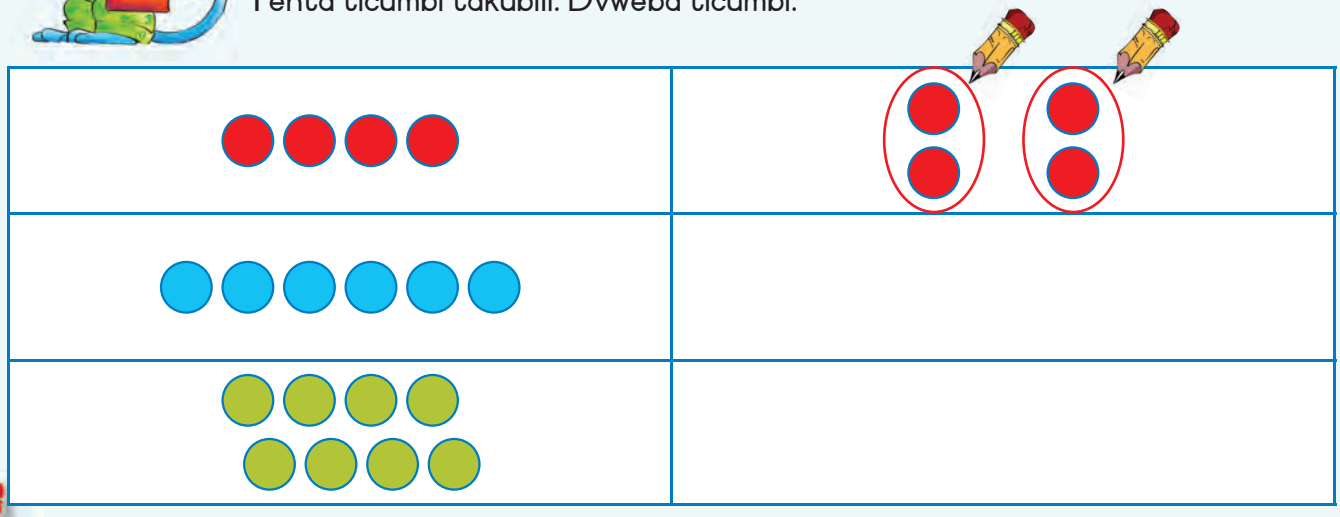


Yenta ticumbi takubili. Bhala phasi kutsi tingaki ticumbi kuloku.



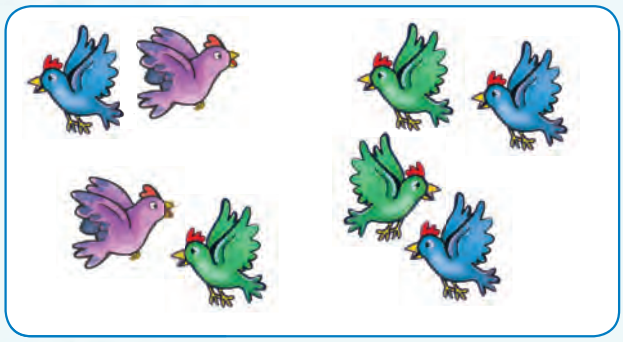


Yenta ticumbi takubili. Dvweba ticumbi.





Phendvula lemibuto.



Tingaki tinyoni letikhona?

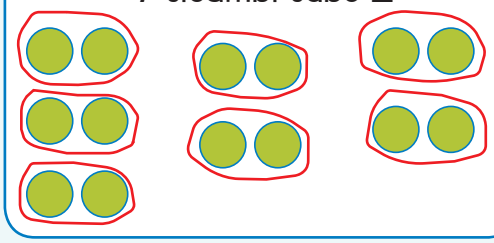
Tingaki ticumbi takubili longatenta?

Bhala umusho nombolo.



Dvweba tindilinga kwakha loku lokulandzelako.

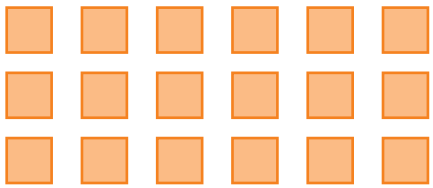
7 ticumbi tabo 2



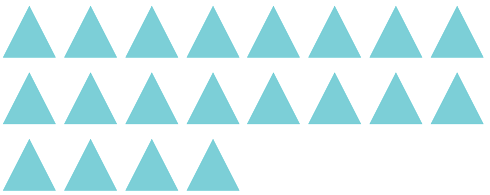
8 ticumbi tabo 2



9 ticumbi tabo 2

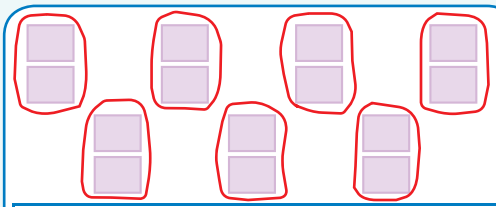


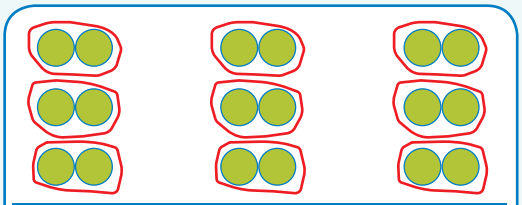
10 ticumbi tabo 2

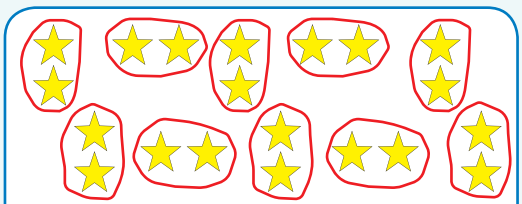


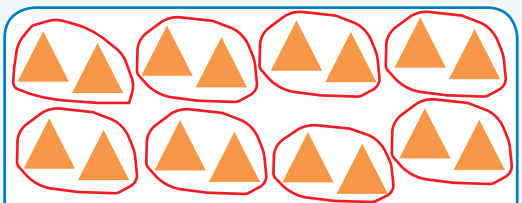


Bhala umusho nombolo waloku lokulandzelako.

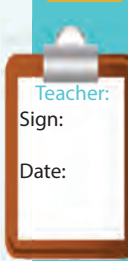




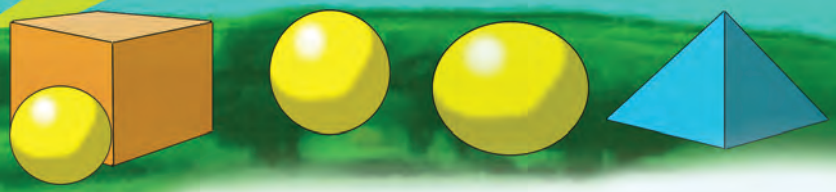








11 12 13 14 15 16 17 18 19 20

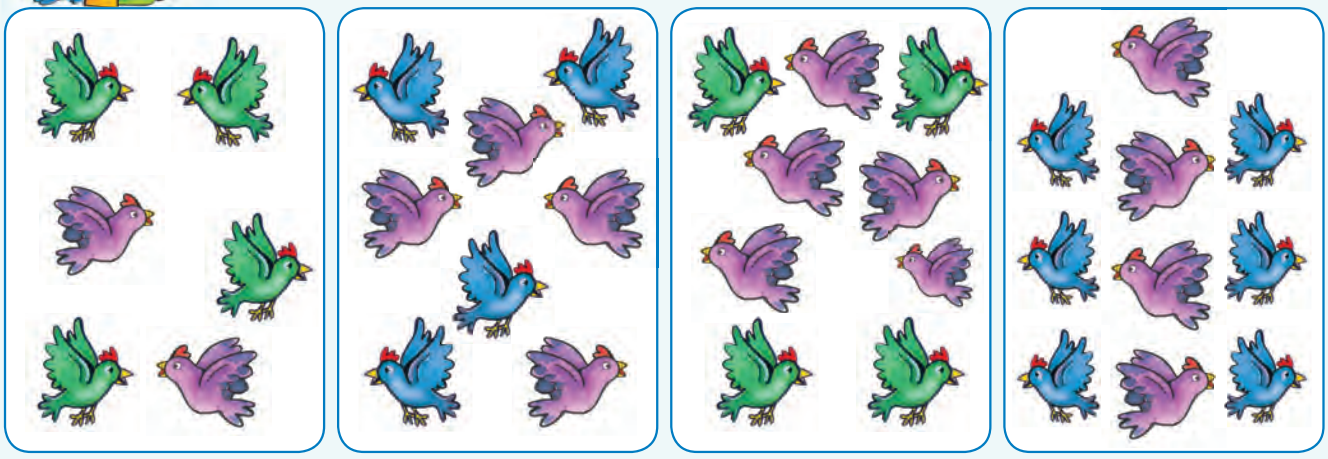


Lusuku:

Ngakubili – kuhlanganisa lokuphindzelelwe kufika ku 20



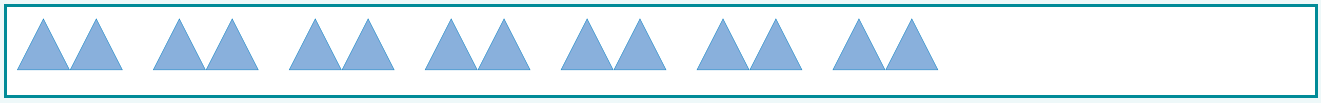
Mingaki imilente lekhona? Bhala umusho nombolo wangakunye.





Dvweba bobunjwa baloku lokulandzelako:

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



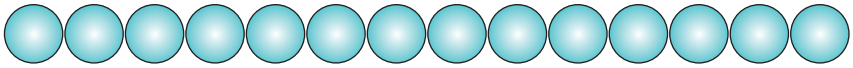
2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = ☐

2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = ☐

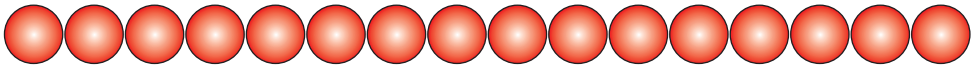
2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = ☐

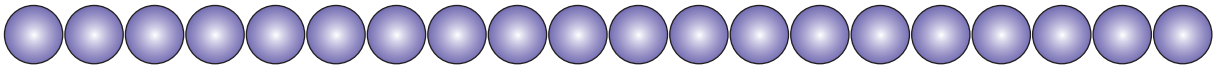


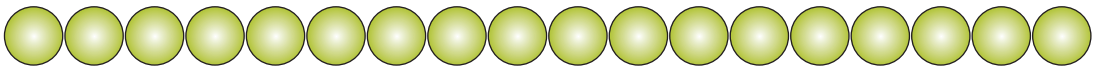
Bhala umusho nombolo waloku lokulandzelako:



2 + 2 + 2 + 2 + 2 + 2 + 2 =







4

Faka umbala timphindza takubili.

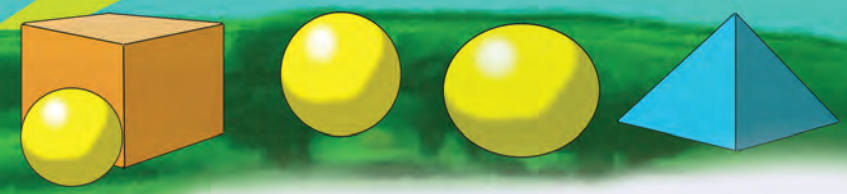
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

5

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

Ngina ☐ wemaswidi.

Teacher:
Sign:
Date:



Lusuku:

Emaphethini nombolo – ngakubili kuya ku 100



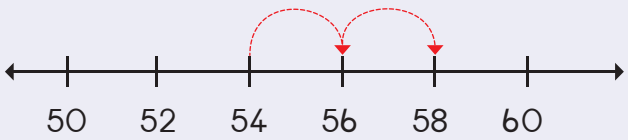
Cedzela lephethini ngekufaka umbala letinombolo.

61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

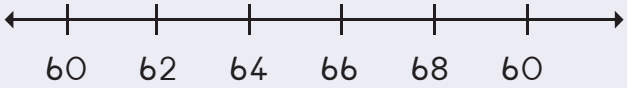


Dvweba imihibe kukhombisa loku lokulandzelako:

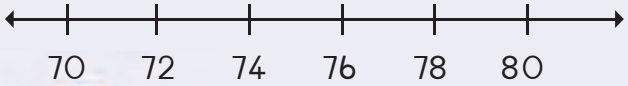
54, 56, 58



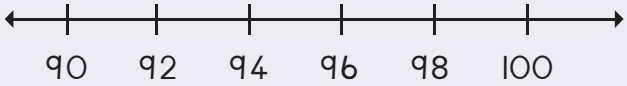
64, 66, 68



74, 76, 78



94, 96, 98



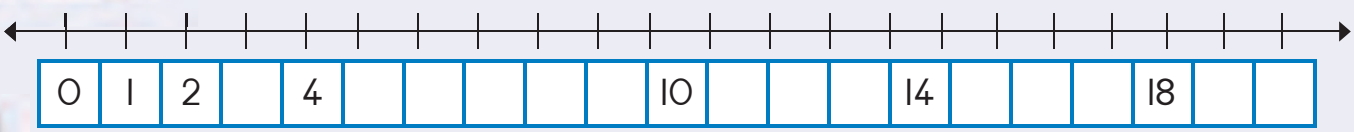


Gcwalisa letinombolo letishiyiwe. Faka umbala kulephethini: 2, 4...

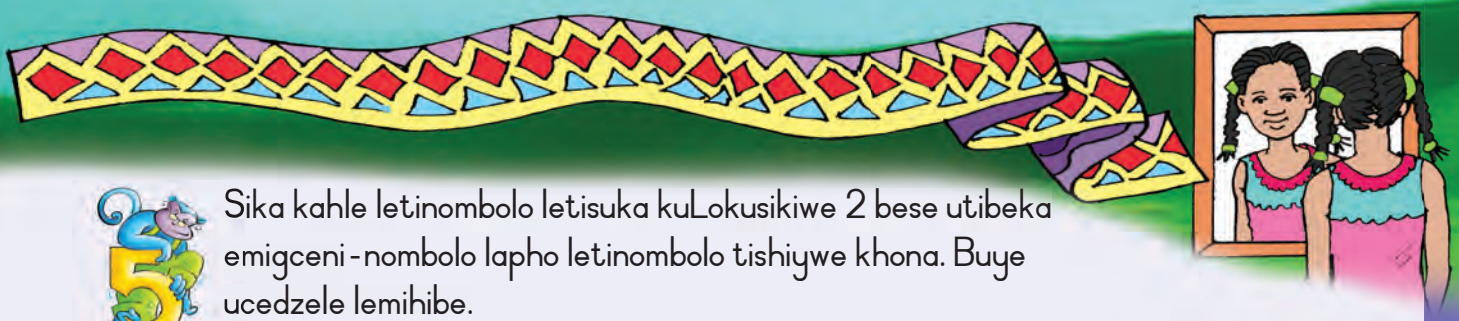
1		3				7			10
11						17			20



Cedzela lomugca-nombolo.







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

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

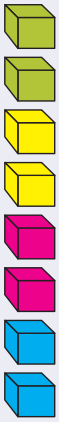
Lusuku:

Emaphethini nombolo – ngakubili kuya ku 100

1 Ungawabona nje emaphethini angakubili?

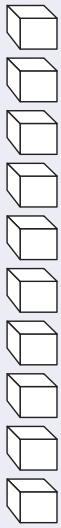


2 Faka umbala emabhuloki kukhombisa ticumbi takubili.
Bala kutsi tingaki ticumbi kuloku.



4

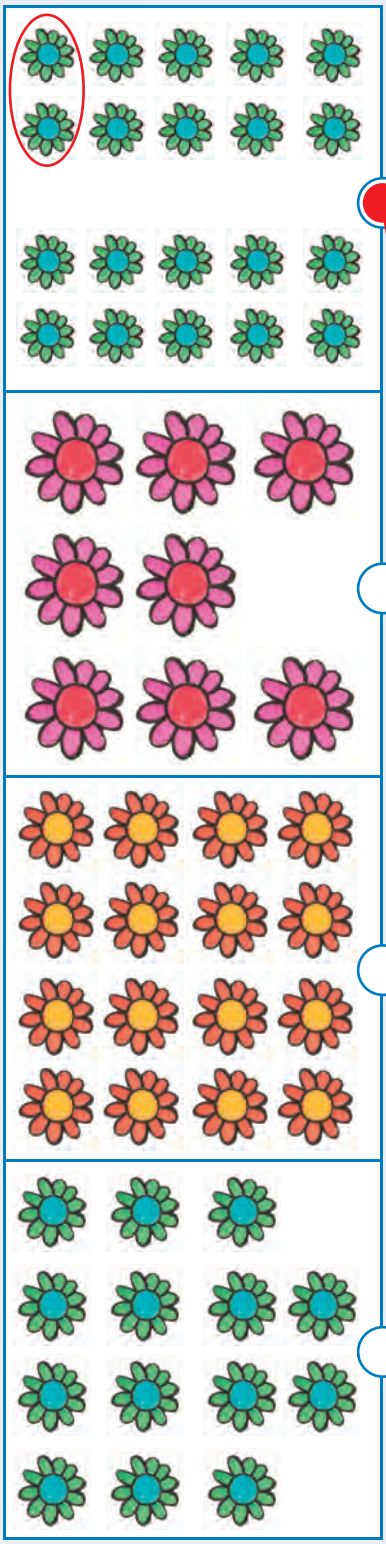




0 1 2 3 4 5 6 7 8 9 10



Condzanisa ticumbi takubili nemusho nombolo ngekudvweba umugca.



$2 + 2 + 2 + 2 = 8$

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

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

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

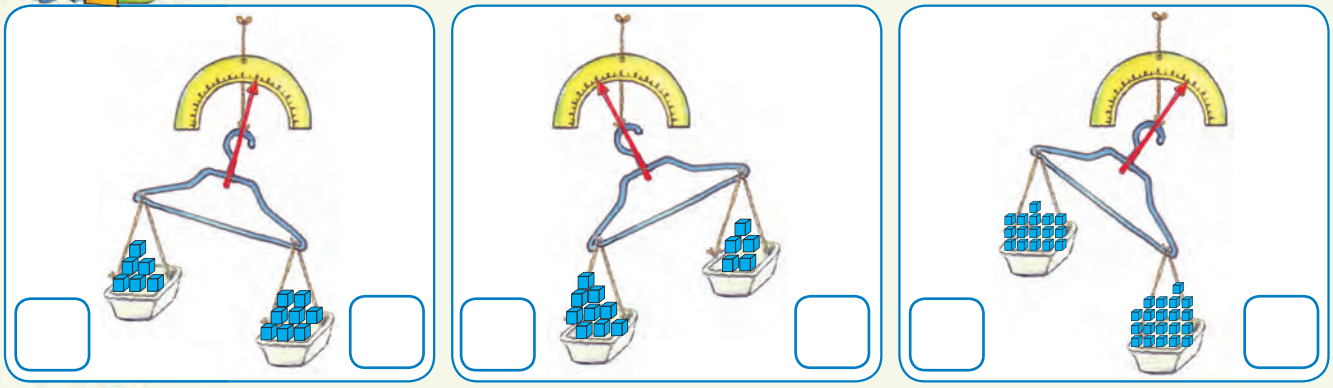
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

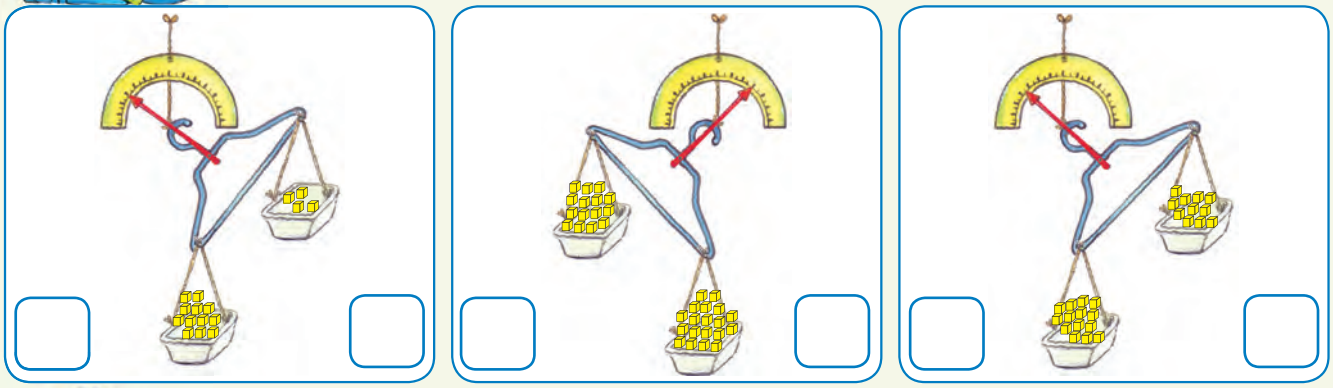
Lusuku:

Sisindvo (kwesindza)

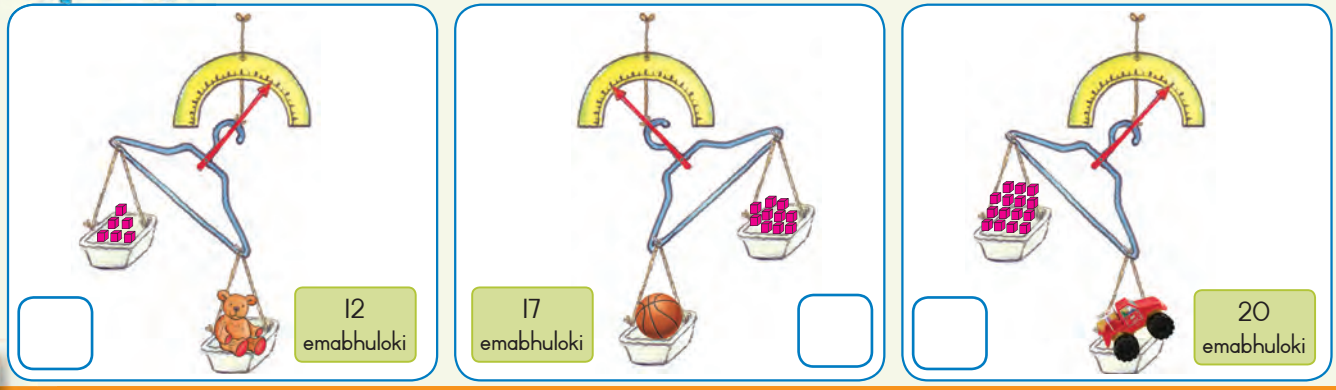
Bhala kutsi mangaki emabhuloki lakhona kukwekuphatsa ngakunye.
Biyela kwekuphatsa lokumatinyana.



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.

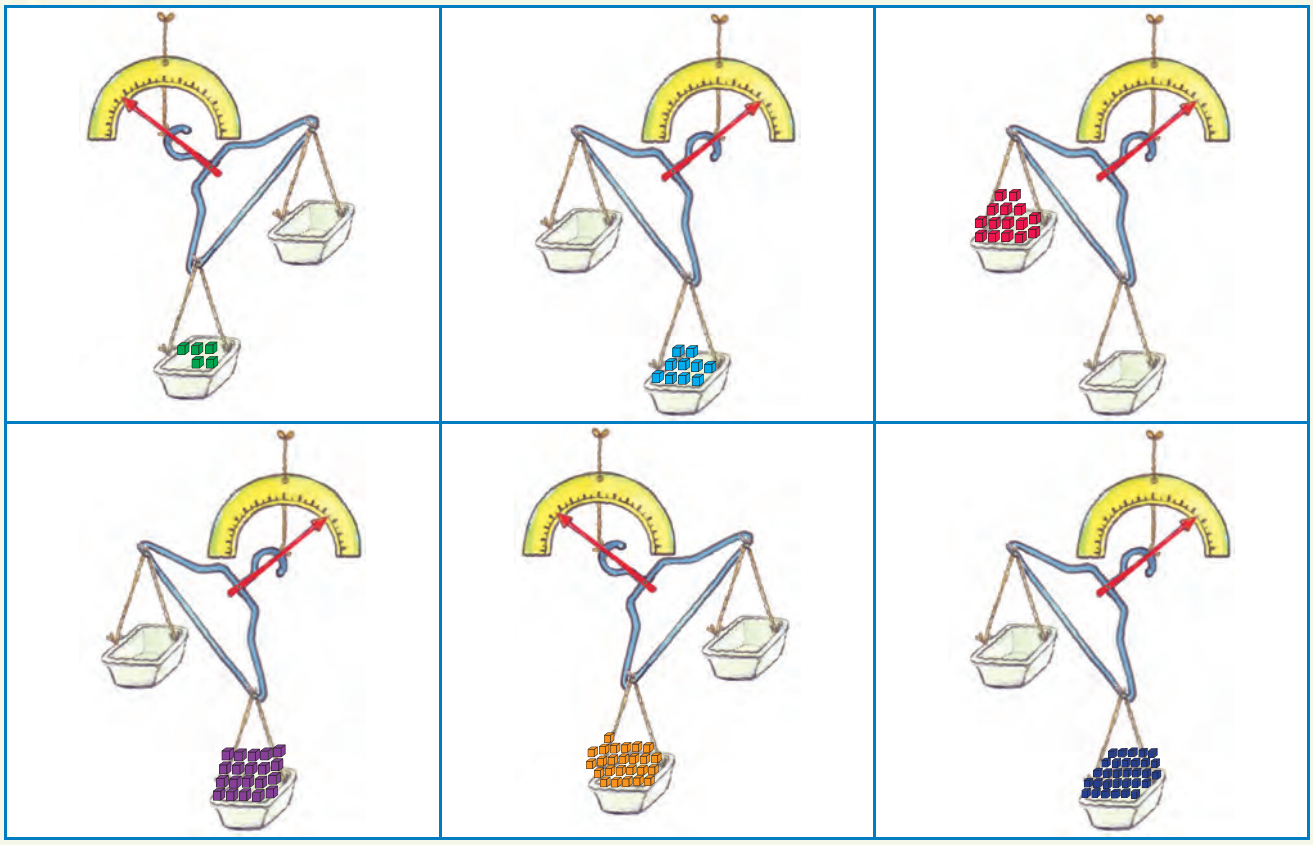


0 1 2 3 4 5 6 7 8 9 10





Dvweba intfo lematinyana noma lelulana kunemabhuloki.

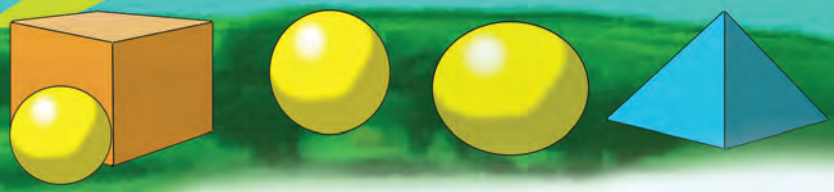




Sebentisa si-5 setintfo edisikini lakho. Cale wente silinganiso kutsi kunasisindvo sini ubese ukukala kahle esikalini noma ukusimamise kuhlolisisa kutsi ngabe imicombelelo silinganiso yakho beyikahle yini.

Dvweba lentfo	Umcombelelo	Sisindvo	Umehluko
	___ wemabhuloki	___ wemabhuloki	___ – ___ = ____

Teacher:
Sign:
Date:



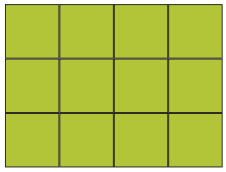
Lusuku:

Kuphindza-kabili

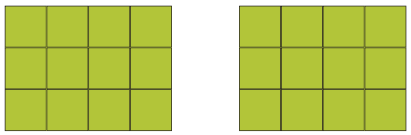


Phendvula loku lokulandzelako:

Tingaki tikwele letikhona?

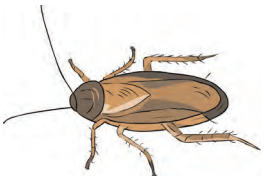


Tingaki lesetikhona manje?



Sitsi kuphindza kabili 12 ngema-24.

Mingaki imilente lekhona?



Mingaki imilente lekhona manje?

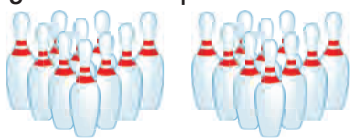


Sitsi kuphindza kabili 6 ngu

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



Cedzela lithebula.

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

Teacher:
Sign:
Date:

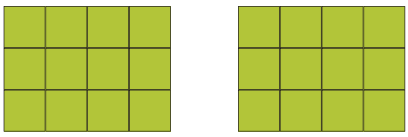
Lusuku:

Kuhhafula

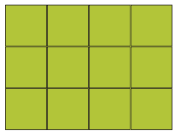


Phendvula loku lokulandzelako:

Tingaki tikwele letikhona?

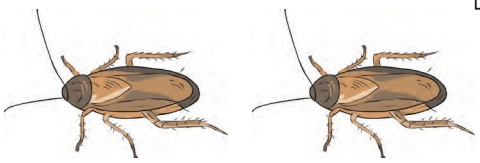


Sekunakungaki manje?

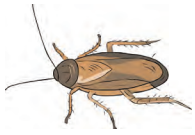


Sitsi ihhafu yema-24 ngu 12.

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?

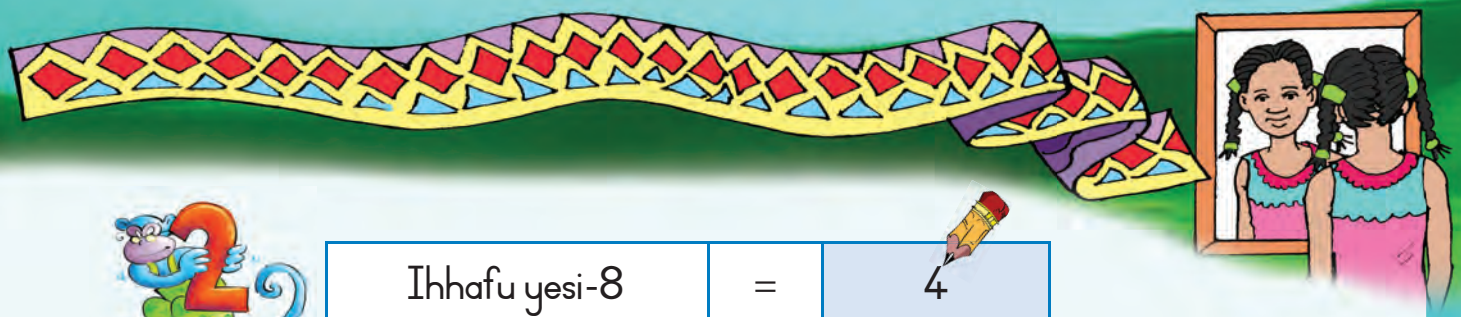


Mangaki emakhirayoni lakhona manje?



Sitsi ihhafu yeli-16 ngu

0 1 2 3 4 5 6 7 8 9 10



Gcwalisa imphendvulo.

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



Gcwalisa imphendvulo.

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



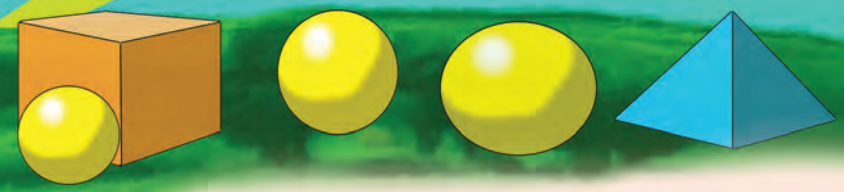
Gcwalisa imphendvulo.

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



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

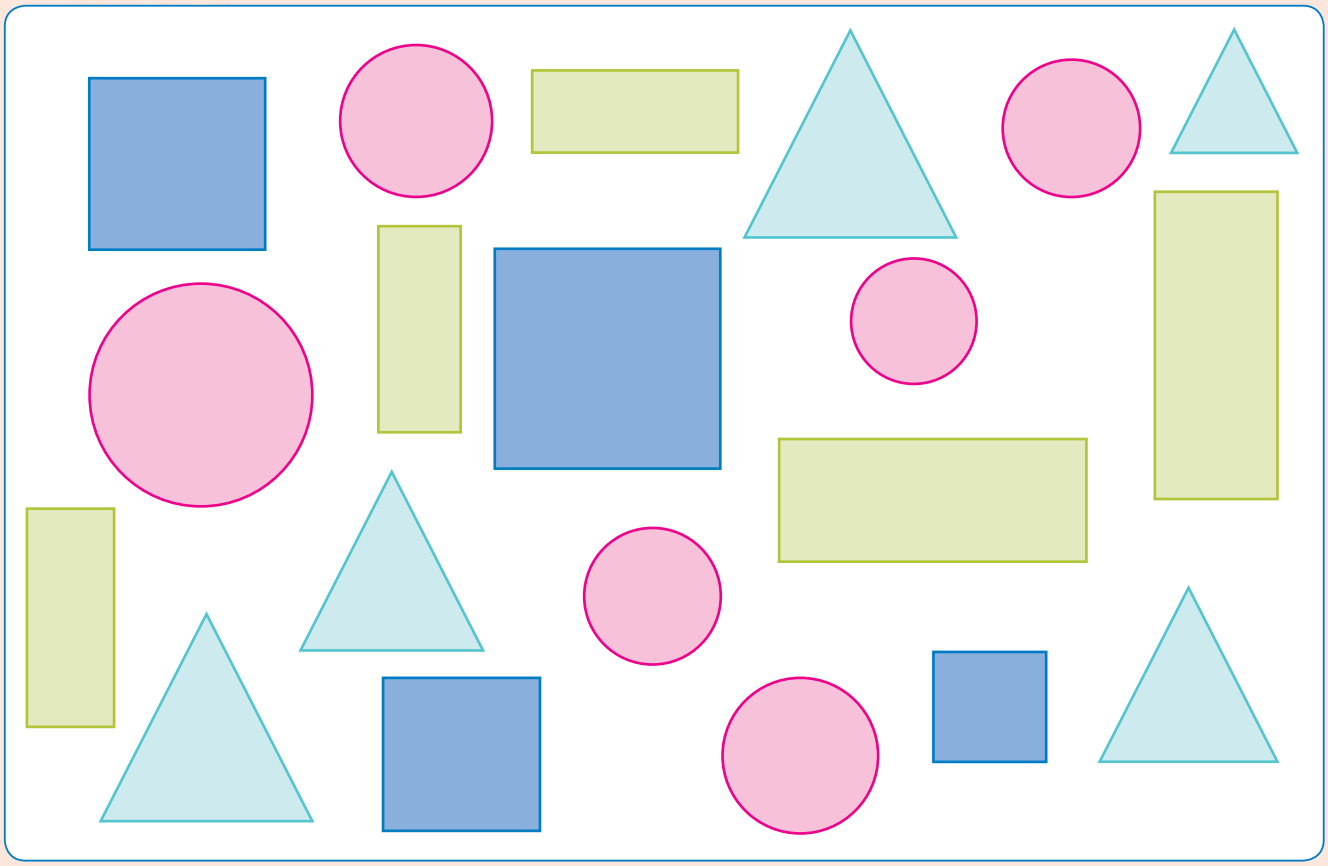


Lusuku:

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

Lusuku:

Sichubeka ngemininingwane

Ithemu 4

1 Bantfwana ekilasini banalamathoyizi lalandzelako.
Kungaki kwaluhlobo ngalunye labanako?



2 Cedzela lithebula.

Lithoyizi	Inombolo
Bomdoli	
Emaloli	
Bothedi	
Emarobhothi	

0 1 2 3 4 5 6 7 8 9 10



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

Emathoyizi lesinawo

Inkhomba =

Bomdoli	Emaloli	Bothedi	Emarobhothi



Phendvula lemibuto. Buka lomdvwebo-sitfombe kukusita.

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

Teacher:
Sign:
Date:

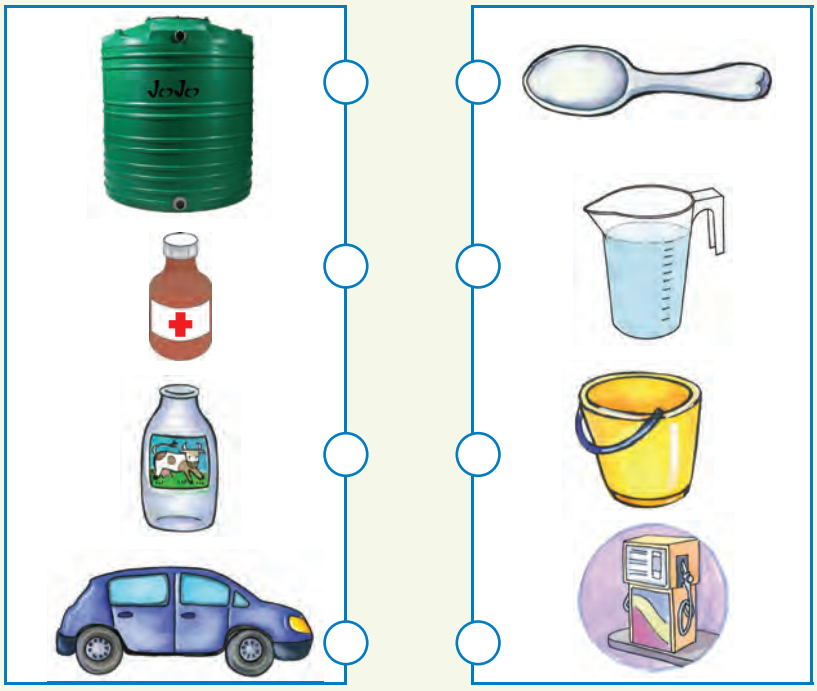
11 12 13 14 15 16 17 18 19 20

Lusuku:

Litsamo

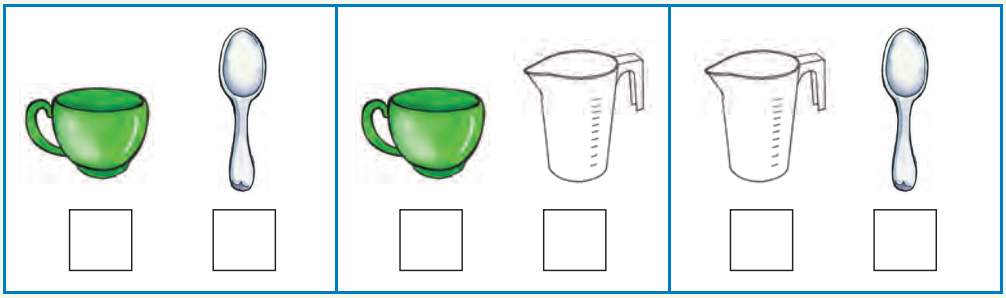


Sikukala njani lokusamanti?
Dvweba umugca kucondzanisa lentfo kanye nelithuluzi lekuyikala lelifanele.



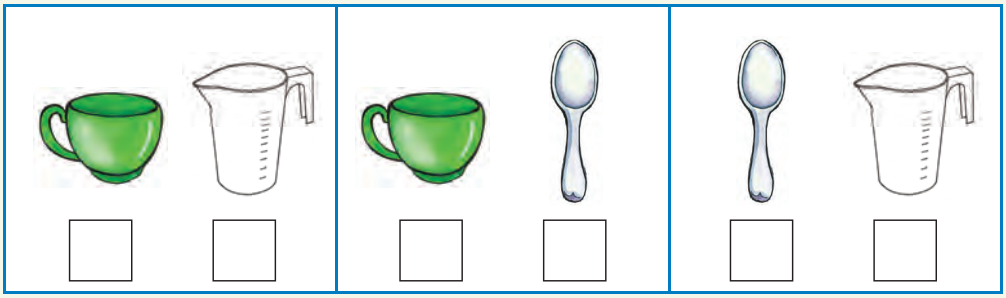


Faka luphawu ✓ entfweni yekuphatsa letakuphatsa lokuncane kakhulu.





Faka luphawu ✓ entfweni yekuphatsa letakuphatsa lokunyenti kakhulu.



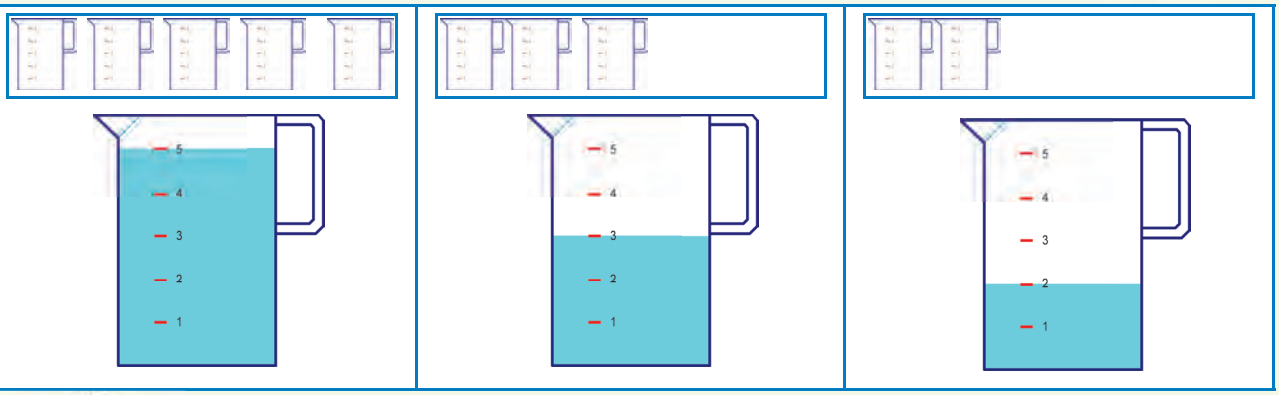


Letintfo tekuphatsa ngabe tigcwele noma tite lutfo?





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





Faka umbala esikalini lesingiso salokusamanti.



1 + 2 =



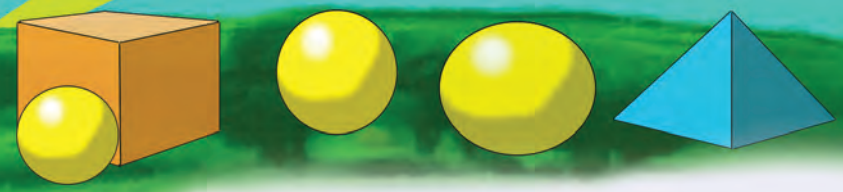
2 + 2 =



2 + 3 =

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

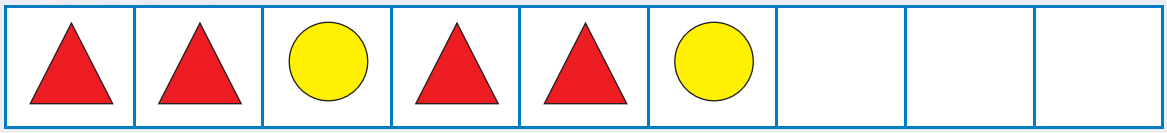


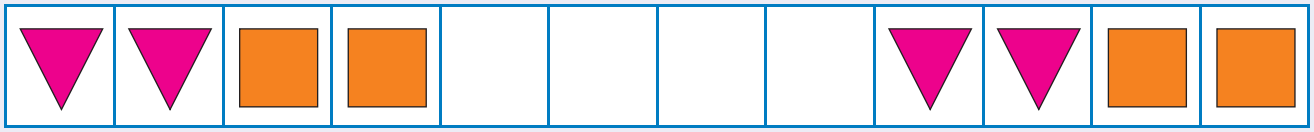
Lusuku:

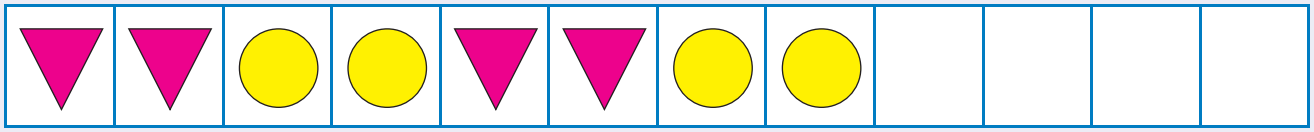
Emaphethini esijiyometri

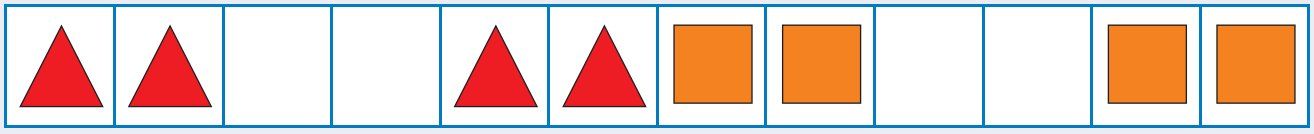


Cedzela lamaphethini.







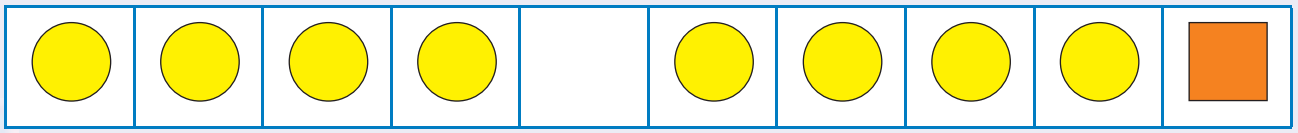


A	B	C	D	A	B	C	D				

A	B	B	A	B	B		B	B	A		

A	B	C	A	B	C				A	B	C

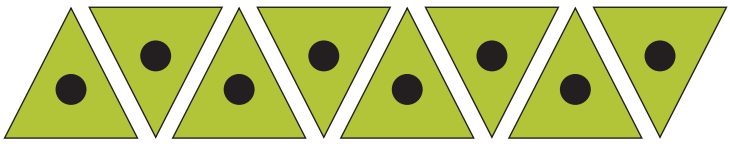
A	D	A	D	A	D			A	D		

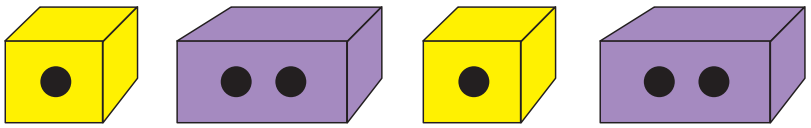


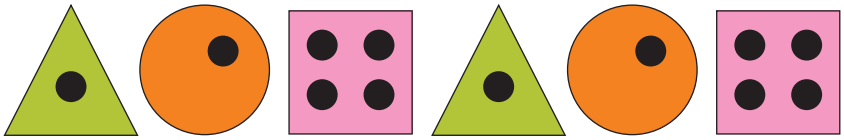


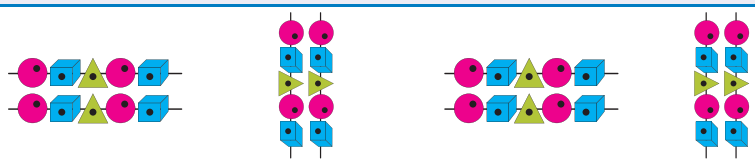


Chuba lephethini.



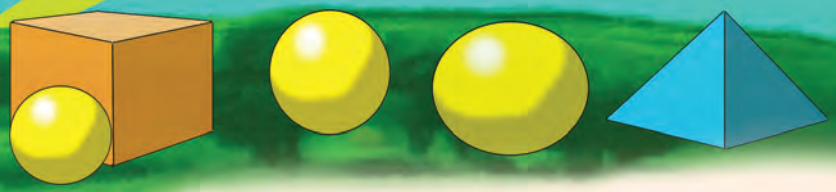






Yakha akakho emaphethini usebentisa tindilinga, tikwele nabocalantsatfu.

Teacher:
Sign:
Date:

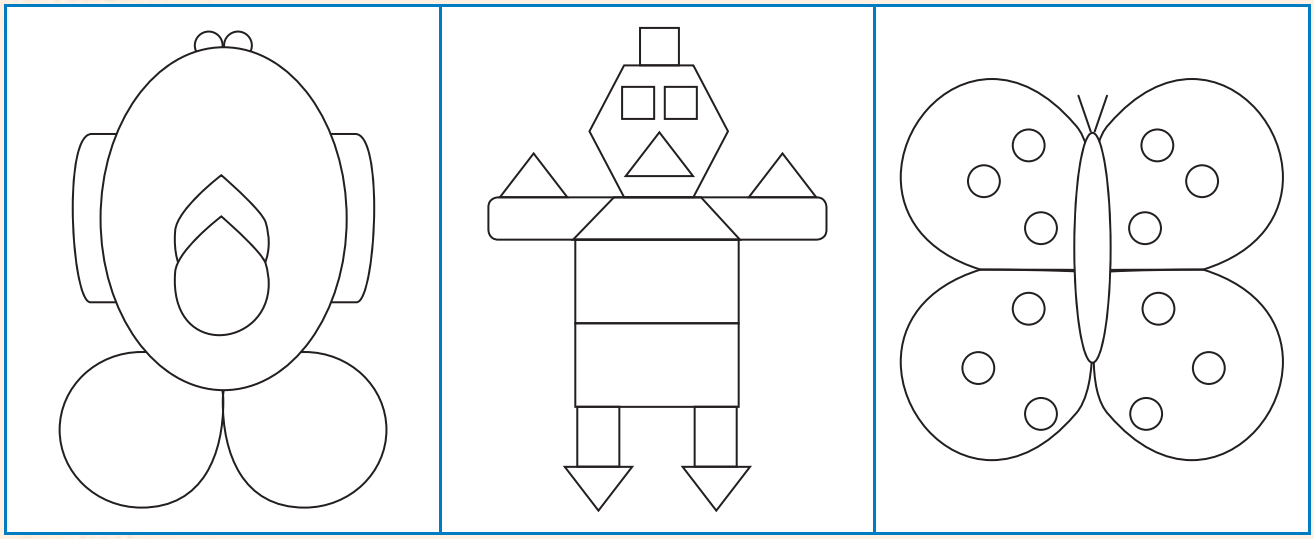


Lusuku:

Sitfombe - sibuko

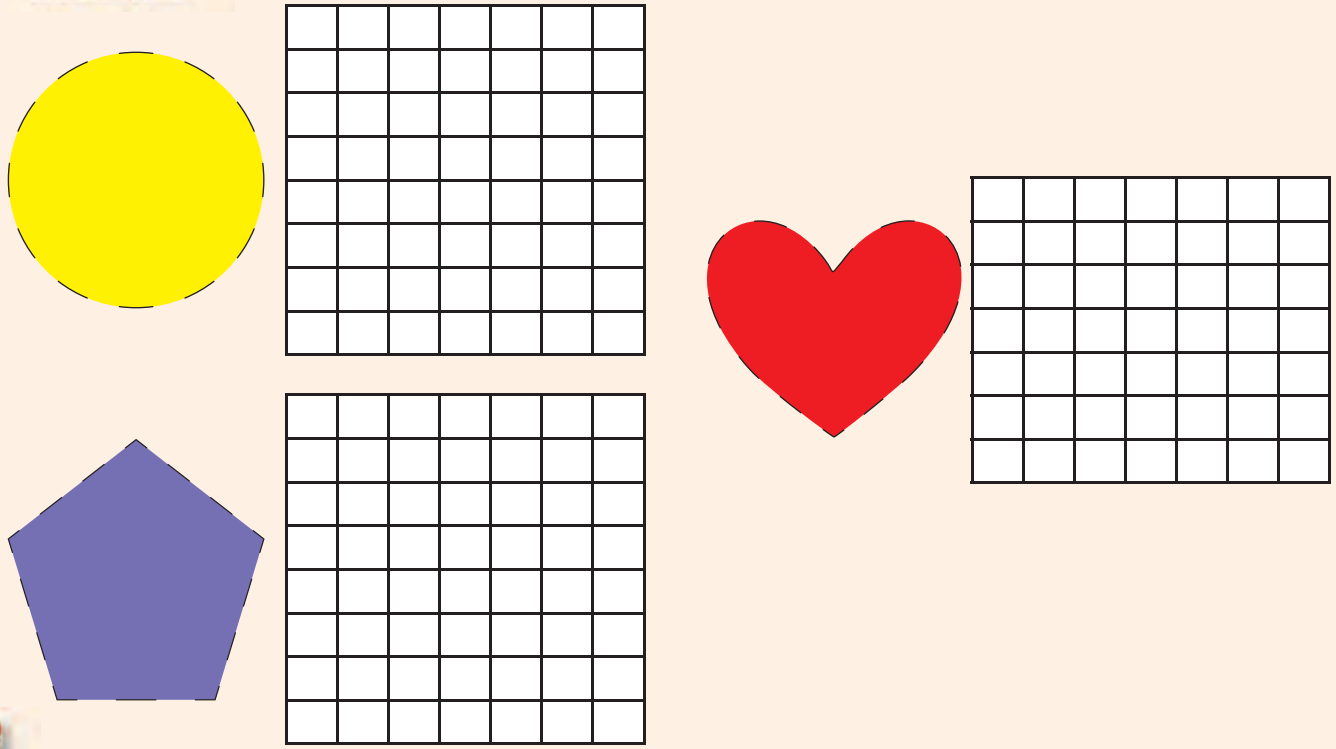


Dvweba umugca sibuko lowehlukanisa lesitfombe sibe bohhafu lababili labalinganako. Faka umbala kuhhafu munye wesitfombe ngasinye.





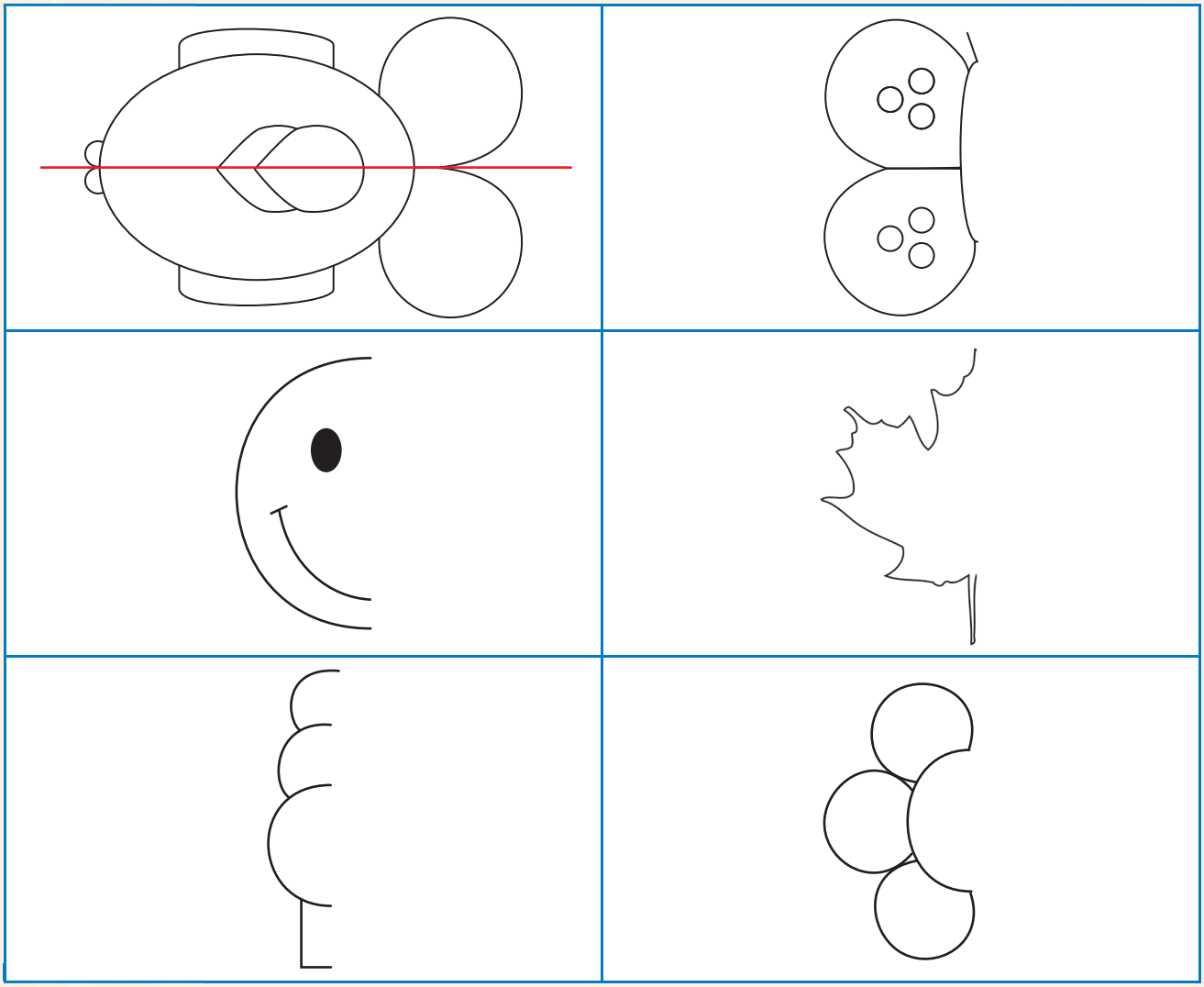
Kopa labobunjwa, bese udvweba umugca sibuko.



0 1 2 3 4 5 6 7 8 9 10

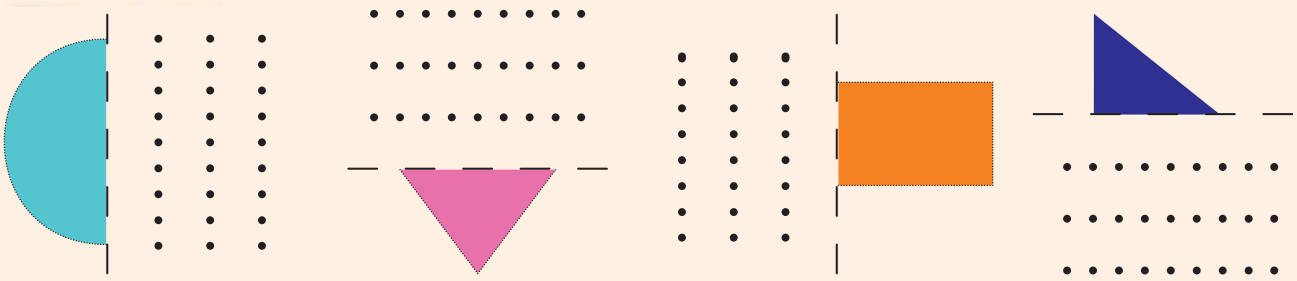


Cedzela lesitfombe ngekudvweba lohhafu afane ncwe nalona lomunye.





Dvweba lona lomunye hhafu wabunjwa.

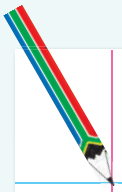


Teacher:
Sign:
Date:

Emanotsi



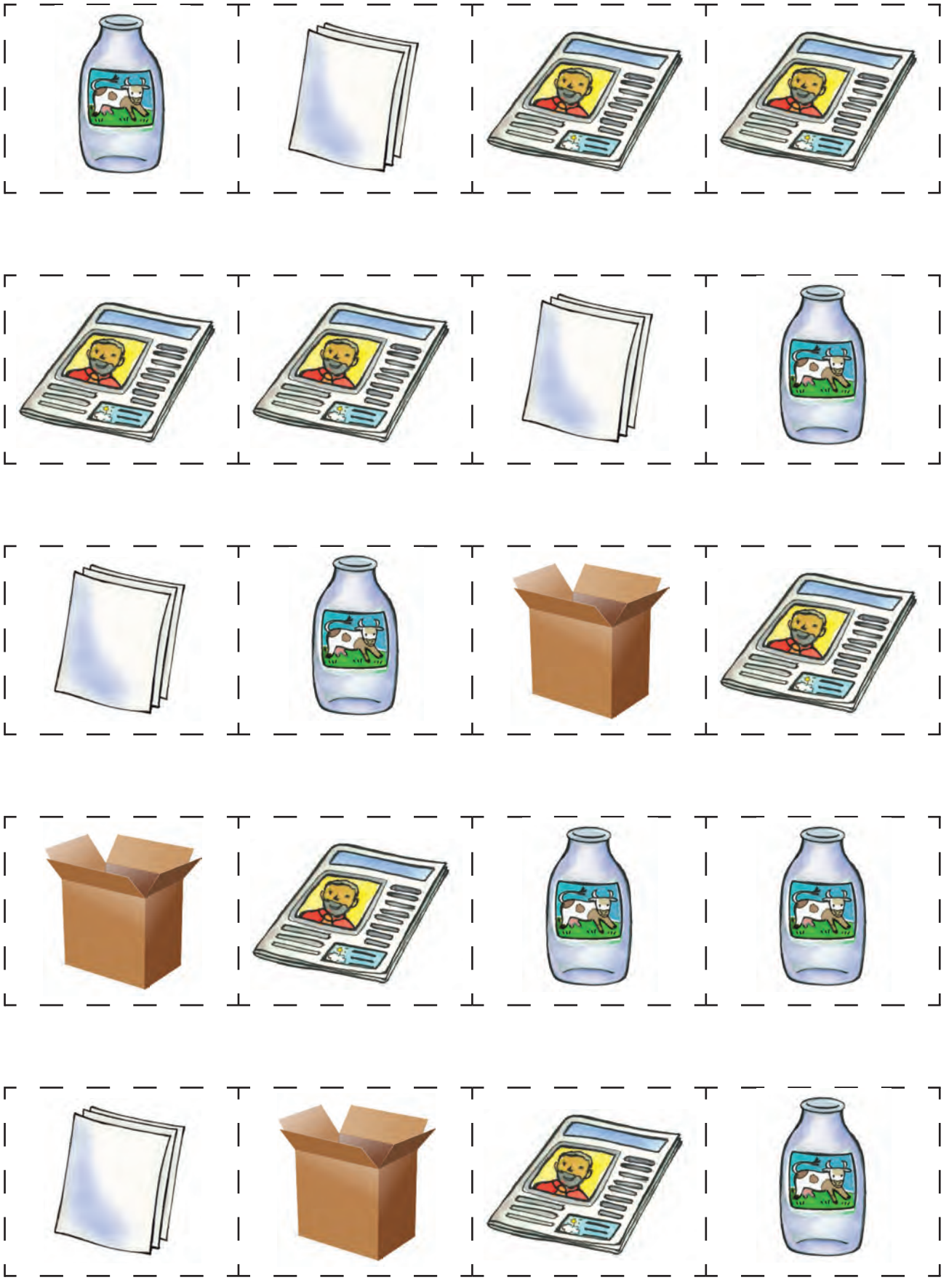
Emanotsi





Cut-out 1

Worksheet 79



Cut out cards 2

Worksheet 83

45	50	40	40	30	35

Worksheet 84

70	65	75	80	70	60

Worksheet 93

34	46	40	44	36	50	32

42	48	38

62	74	66	68	64	76	80	72	78

Worksheet 115

72	78	82	84	86	74	80

76	88	90

Worksheet 119

62	72	64	74	86	66	78	80	68

82	94	86	90	84	96	100

92	98	88