



UNkk Angie Motshekga,  
uNgqongqoshe weMfundo  
eyiSesekelo



UMnu Enver Surty, iSekela  
loMnyango weMfundo  
eyiSesekelo

Lezi zincwadi zokusebenzela zenzelwe abantwana baseNingizimu Afrika ngaphansi kwesandla sikaNgqongqoshe weMfundo eyiSesekelo, uNkk Angie Motshekga, neSekela likaNgqongqoshe weMfundo eyiSesekelo, uMnu Enver Surty.

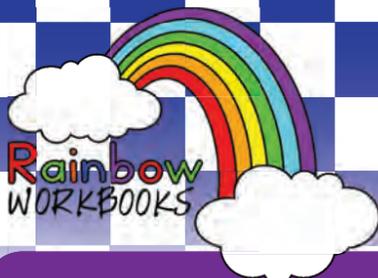
Lezi zincwadi ezibizwa ngeRainbow Workbooks ziyingxenye yoMnyango weMfundo eyiSesekelo lapho uMnyango uzama khona ukungenelela ukuze kuthuthukiswe imfundo gabantwana bamabanga asuka kwelokuqala kuya kwelesithupha eNingizimu Afrika. UMnyango weZimali uxhase lo mkhankaso kaHulumeni njengento yokuqala uHulumeni azibekela yona ukuthi ayisukumele. Uxhaso loMnyango weZimali lusize uMnyango wezeMfundo ukuthi ukwazi ukukhiqiza uphinde usabalalise ngaphandle kwenkokhelo lezi zincwadi zokusebenzela ngazo zonke izilimi zaseNingizimu Afrika ezisemthethweni.

Sinethemba lokuthi othisha bazozithanda basebenze kangcono ngazo lezi zincwadi ekufundiseni kwabo kwansuku zonke, baphinde bathole futhi isiqiniseko sokuthi abafundi babo bafundiswa konke abamelwe ukufundiswa khona njengoba kuvela kusilabhasi yabo. Sizamile ukuqiniseka ukuthi sifaka izithonjana (ama-icon) emisebenzini yokwenziwa ukuze uthisha akuthole kulula ukuyilandela nokuqonda ukuthi umfundi yini alindeleke ukuyenza.

Sinethemba futhi lokuthi abantwana uqobo lwabo bazokujabulela ukusebenzisa lezi zincwadi ekukhuleni kwabo bakhule nolwazi ezilukukethe, bese kuthi wena njengothisha wabo uthokoze kanye nabo ekugcineni.

Sifisela wena nomfundi omfundisayo impumelelo ngenkathi usebenzisa lezi zincwadi.

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GRADE 1 – BOOK 2  
TERMS 3 & 4  
ISBN 978-1-4315-0128-1  
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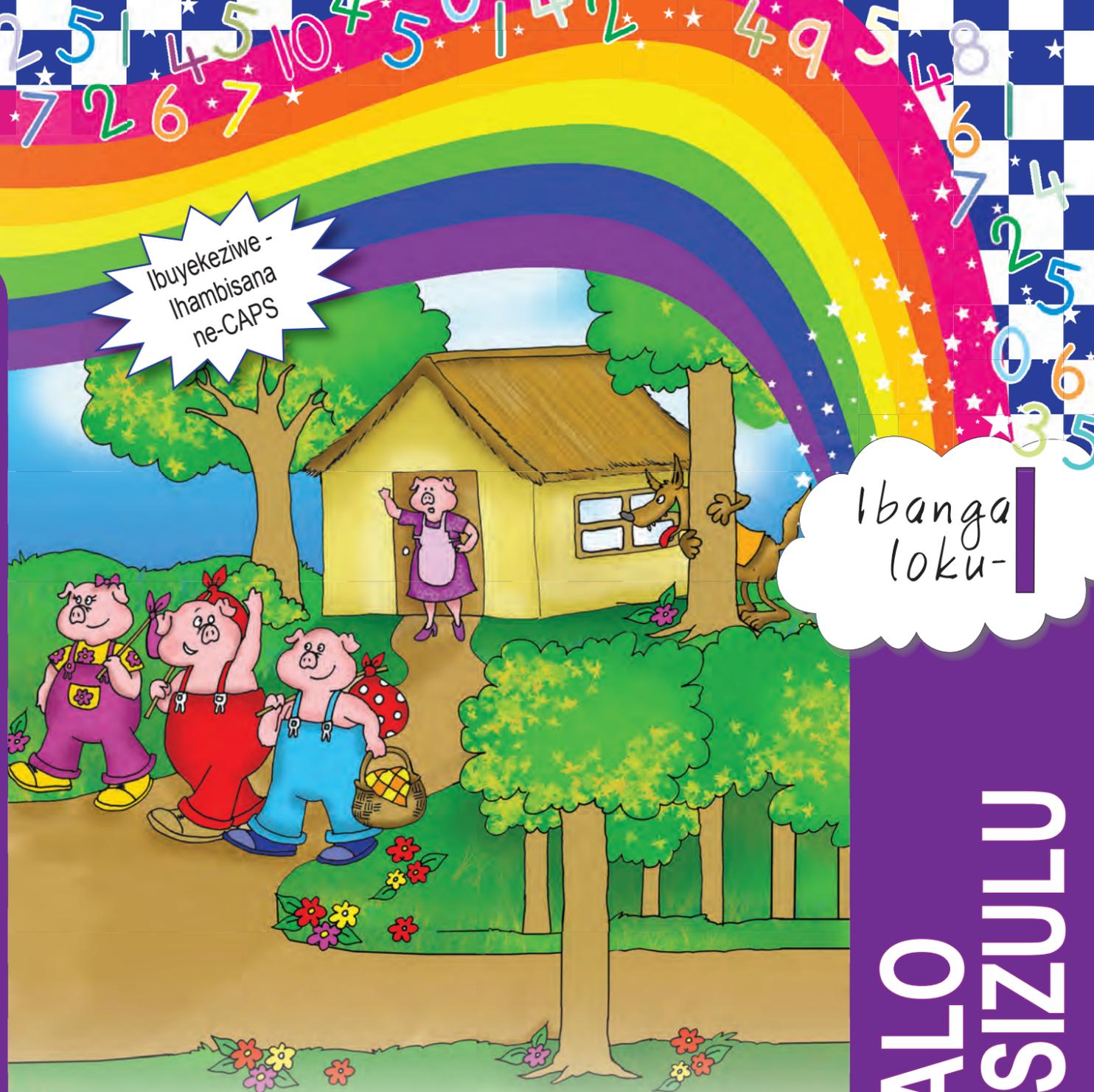
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IZIBALO NGESIZULU – Ibanga loku-1 Incwadi yesi-2

ISBN 978-1-4315-0128-1



Igama: \_\_\_\_\_ Iklasi: \_\_\_\_\_



**basic education**

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

**IZIBALO  
NGESIZULU**

Incwadi yesi-2  
Ithemu  
1 & 2

# Okuqukethwe



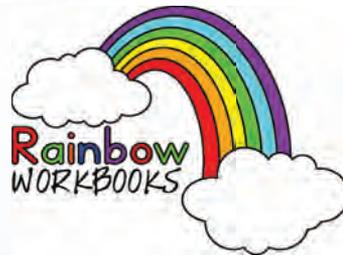
Inombolo	Isihloko	Ikhasi
65	Thola ulwazi ngale nombolo: 11	2
66	Thola ulwazi ngale nombolo: 12	4
67	Thola ulwazi ngale nombolo: 13	6
68	Thola ulwazi ngale nombolo: 14	8
69	Thola ulwazi ngale nombolo: 15	10
70	Ukuhlanganisa okufinyelela ema -20 - Ukubala siqhubeke	12
71	Ukuhlanganisa - ukwakha nokubhidliza izinombolo ezifinyelela e -10	14
72	Ukuhlanganisa - ukwakha nokubhidliza izinombolo ezifinyelela ema -20	16
73	Ukuhlanganisa nokususa - ukwakha nokubhidliza izinombolo	18
74	Ubude	20
75	Imali noshintshi	22
76	Imali noshintshi	24
77	Imali: Ukuhlanganisa nokususa	26
78	Imininingwane	28
79	Imininingwane nesikhathi	30
80	Amaqoqo okungakuhlani kufinyelele e -15	32
81	Okuhlani: ukuhlanganisa okuphindekayo okufinyelele e -15	34
82	Okungakuhlani okufinyelele e -15	36
83	Amaphethini ezinombolo anokungakuhlani okufinyelele ema -50	38
84	Amaphethini ezinombolo zokungakuhlani okufinyelele ema -80	40
85	Phinda kabili	42
86	Ohhafu	44
87	Izinto ezizwihlangothi -ntathu	46
88	Izinto ezizwihlangothi -ntathu - Ezishibilikayo nezizingqikayo	48
89	Amaphethini ejiyomethri	50
90	Amaqoqo okubili afinyelele e -15	52
91	Okubili uma kuphindwa esibalweni sokuhlanganisa kufinyelele e -15	54
92	Okungakubili okufinyelele e -15	56
93	Amaphethini ezinombolo ezi -2 zize zifinyelele ema -50	58
94	Okunhlangothi zifana ncamashi	60
95	Izinombolo kanye nezikhundla zazo	62
96	Ubude	64

Inombolo	Isihloko	Ikhasi
97	Inombolo 16	66
98	Inombolo 17	68
99	Inombolo 18	70
100	Inombolo 19	72
101	Inombolo 20	74
102	Ukuhlanganisa	76
103	Ukususa	78
104	Ukuhlanganisa nokususa	80
105	Izinombolo ezingama -odinali	82
106	Izinto nezimo	84
107	Imali	86
108	Okunye ngemali	88
109	Izimo ezingonhlangothi -mbili	90
110	Izimo ezingonhlangothi -mbili - nezinezihlangothi eziqondile kanye nezigobile	92
111	Okunye ngezimo ezingonhlangothi -mbili	94
112	Amaqoqo okungakuhlani kufinyelele ema -20	96
113	Okungakuhlani - ukuhlanganisa okuphindaphindiwe okufinyelele ema -20	98
114	Ukwabelana okufinyelele ema -20	100
115	Amaphethini ezinombolo - 5 kuya e -100	102
116	Isikhundla kanye nendlela okuvela ngayo	104
117	Amaqoqo anokungakubili kufinyelele ema -20	106
118	Okungakubili - ukuhlanganisa okuphindaphindekayo kufinyelele ema -20	108
119	Amaphethini ezinombolo - okungakubili kufinyelele e -100	110
120	Amaphethini ezinombolo - okungakubili kufinyelele e -100	112
121	Isisindo	114
122	Ukuphinda kabili	116
123	Ukuhhafula	118
124	Imininingwane	120
125	Imininingwane futhi	122
126	Umthamo	124
127	Amaphethini ejiyomethri	126
128	Okunhlangothi zifana ncamashi	128

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



Ibanga  
loku-



# NGESIZULU

Le ncwadi ngeka -:



ISIZULU

Incwadi  
yesi-2

2



# Thola ulwazi ngale nombolo: 11

Ukubuyekeza:

Zijwayeze ukubhala izinombolo.

 kunye

1 1

 kubili

2 2

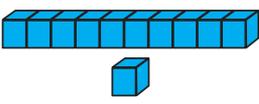
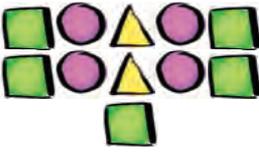
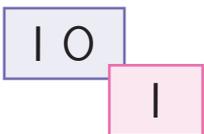
Ithemu 3



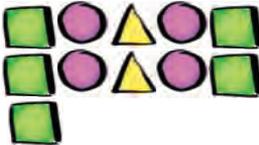
Qondanisa izithombe.

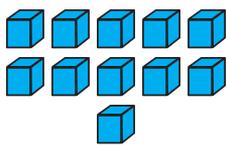


Kokelezela lezi zinto.

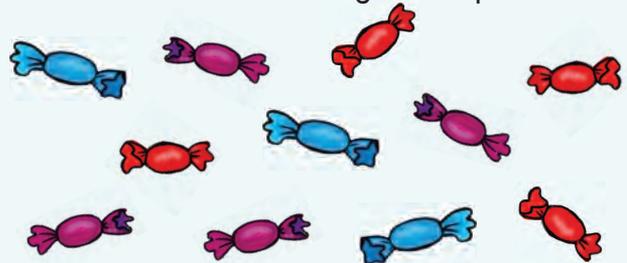






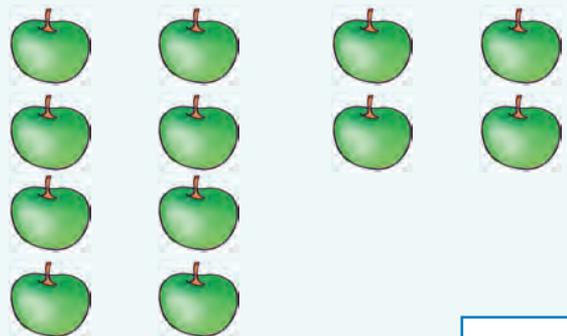


Kokelezela amaswidi ayi-10 kuphela.



Mangaki amaswidi asele?

Kokelezela ama-aphula ayi-10 kuphela.



Mangaki ama-aphula asele?





Bhala phezu kwezinqobolo.

ishumi nanye			



Uma kuhlangeiswa okukholamu ngayinye kumele kufinyelele e-II. Cwalisa izinqobolo ezingekho.

3	5	4
4	5	
4		2



Dweba izinto eziyi-II.



Cwalisa izinqobolo ezingekho.

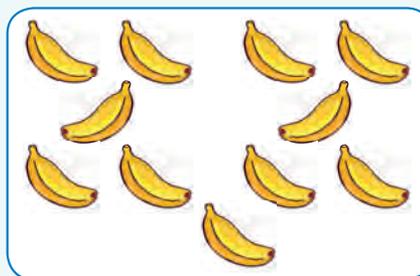
1

2

4



Bala lezi zinto.



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama lenombolo.

		ishumi nanye
		ishumi nanye
	ishumi nanye	



Iyiphi inombolo encane ngokukodwa kokuyi-II? \_\_\_\_\_

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-II? \_\_\_\_\_



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

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

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





# Thola ulwazi ngale nombolo: 12

Ukubuyekeza:

Zijwayeze ukubhala izinombolo.



kuthathu

3 3

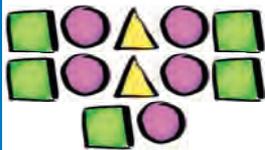
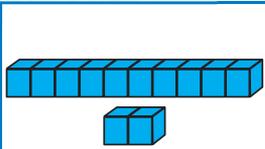


kune

4 4



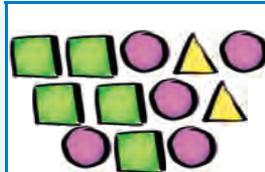
Qondanisa izithombe.



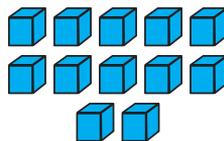
10

2

12



12



10

2



Kokelezela lezi zinto.

Kokelezela izicathulo eziyi-10 kuphela.



Zingaki izicathulo ezisele?

Kokelezela amagobolondo ayi-12 kuphela.



Mangaki amagobolondo asele?





Bhala phezu kwezinombolo.

12	12	12	12
ishumi nambili			
12	12	12	12



Uma kuhlanguiswa okukukholamu ngayinye kumele kufinyelele e-12. Gcwalisa izinombolo ezingekho.

	7	6
4		4
3	2	
12	12	12



Dweba izinto eziyi-12.

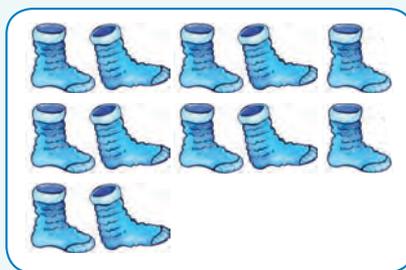


Gcwalisa izinombolo ezingekho.

3		5			
8			11		



Bala lezi zinto.



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama lenombolo.

		ishumi nambili
	12	ishumi nambili
		12
ishumi nambili		



Iyiphi inombolo encane ngokukodwa kokuyi-12? \_\_\_\_\_

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-12? \_\_\_\_\_



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





# Thola ulwazi ngale nombolo: 13

Ukubuyekeza:

Zijwayeze ukubhala izinombolo.



kuhlanu

5 5

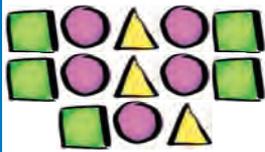
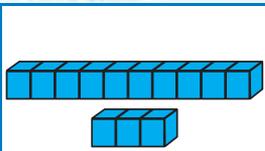


isithupha

6 6



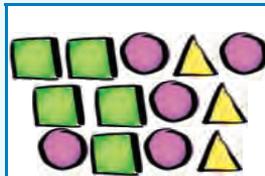
Qondanisa izithombe.



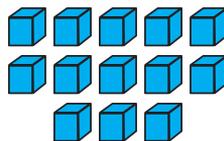
10

3

13



13



10

3



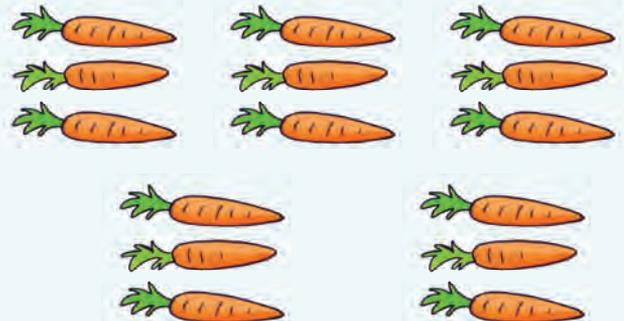
Kokelezela lezi zinto.

Kokelezela amakati ayi-10 kuphela.



Mangaki amakati asele?

Kokelezela amakherothi ayi-13 kuphela.



Mangaki amakherothi asele?



Bhala phezu kwezinqombolo.

13	13	13	13
ishumi nantathu			
13	13	13	13



Uma kuhlangelelwa okukukholamu ngayinye kumele kufinyelele e-13. Cwalisisa izinqombolo ezingekho.

1	2	6
1		
	3	2
13	13	13



Dweba izinto eziyi-13.



Manje zidwebwe ngendlela ehlukile.

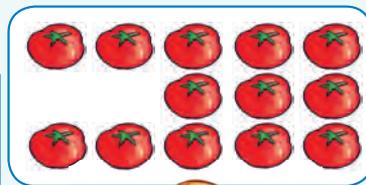
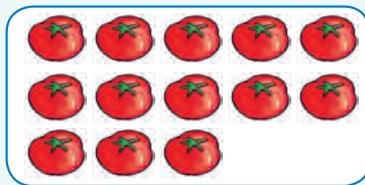


Cwalisisa izinqombolo ezingekho.

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



Bala lezi zinto.



Qedela ithebhu. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.



		ishumi nantathu
	13	ishumi nantathu
13		
	ishumi nantathu	

Iyiphi inombolo encane ngokukodwa kokuyi-13? \_\_\_\_\_

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-13? \_\_\_\_\_



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





# Thola ulwazi ngale nombolo: 14

Ukubuyekeza:

Zijwayeze ukubhala izinombolo.



isikhombisa

7 7

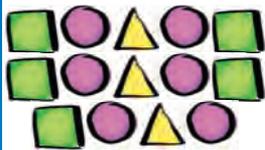
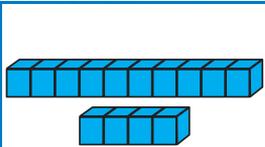


isishiyagalombili

8 8



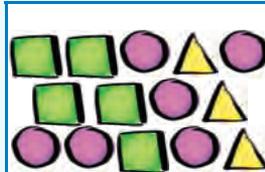
Qondanisa izithombe.



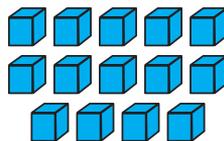
10

4

14



14



10

4



Kokelezela lezi zinto.

Kokelezela izimvemvane eziyi-10 kuphela.



Zingaki izimvemvane ezisele?

Kokelezela izingubo eziyi-14 kuphela.



Zingaki izingubo ezisele?



Bhala phezu kwezinqombolo.

4	4	4	4
ishumi nane			
4	4	4	4

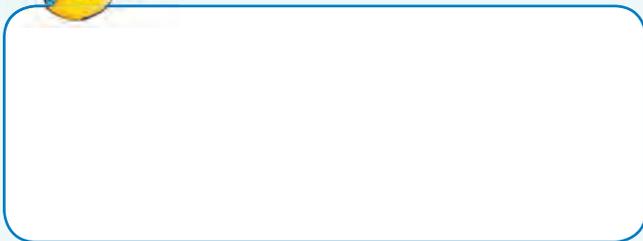


Uma kuhlangeiswa okukukholamu ngayinye kumele kufinyelele e-14. Gcwalisa izinqombolo ezingekho.

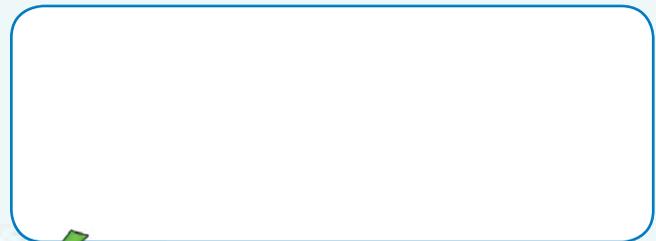
1		2
	5	1
3	2	
14	14	14



Dweba izinto eziyi-14.



Manje zidweba ngendlela ehlukile.



Bala lezi zinto.

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



Gcwalisa izinqombolo ezingekho.

--	--	--

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



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.



	4	ishumi nane
14		
	ishumi nane	

Iyiphi inombolo encane ngokukodwa kokuyi-14? \_\_\_\_\_

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-14? \_\_\_\_\_



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





# Thola ulwazi ngale nombolo: 15

Ukubuyekeza:

Zijwayeze ukubhala izinombolo.



ishiyagalolunye

9 9



ishumi

10 10



Qondanisa izithombe.

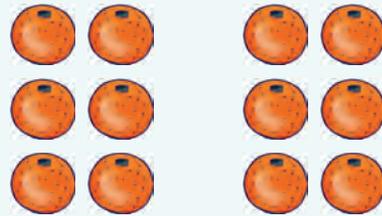


Kokelezela lezi zinto.

10 <span style="border: 1px solid black; padding: 2px;">5</span>
15

15
10 <span style="border: 1px solid black; padding: 2px;">5</span>

Kokelezela amawolintshi ayi-10 kuphela.



Mangaki amawolintshi asele?

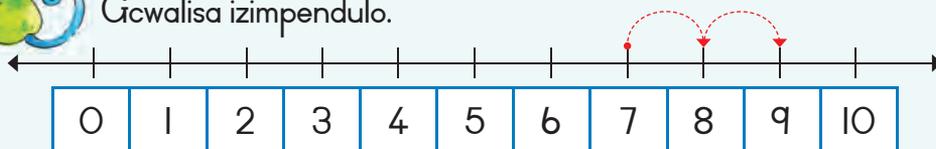
Kokelezela izinkanyezi eziyi-15 kuphela.



Zingaki izinkanyezi ezisele?

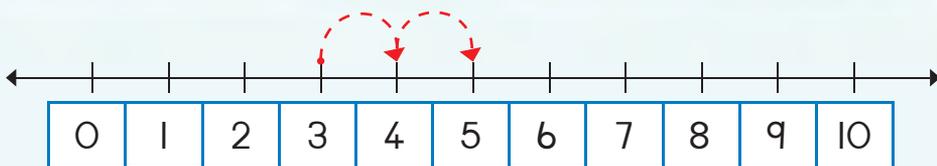


Gcwalisa izimpendulo.



$$7 + 2 =$$





$4 + 2 =$
-----------



Bhala phezu kwezinqobolo.

15	15	15	15
ishumi nanhlanu			
15	15	15	15



Dweba izinto eziyi-15.

--

Manje zidwebwe ngendlela ehlukile.

--



Gcwalisa izinombolo ezingekho.

<b>7</b>	11	12	13		15	15		13	12	
----------	----	----	----	--	----	----	--	----	----	--

Bala lezi zinto.

	<table border="1" style="width: 80%; height: 40px;"> <tr> <td></td> </tr> </table>	

	<table border="1" style="width: 80%; height: 40px;"> <tr> <td></td> </tr> </table>	



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.



	$15$	ishumi nanhlanu
		ishumi nanhlanu
$15$		

Iyiphi inombolo encane ngokukodwa kokuyi-15? \_\_\_\_\_

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-15? \_\_\_\_\_



Teacher: _____
Sign: _____
Date: _____





# Ukuhlanganisa okufinyelela ema-20 – Ukubala siqhubeke

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

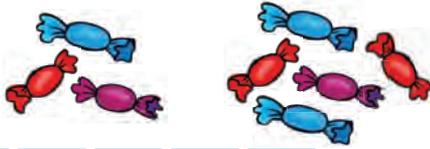
6

isithupha



Buka isithombe bese ubhala umusho wezinombolo walokhu ngakunye.

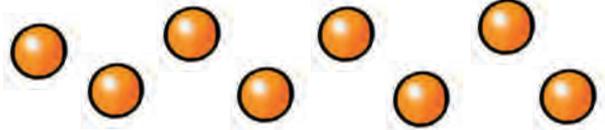
ULisa unamaswidi ama-3. UMandla unamaswidi ama-5. Mangaki amaswidi abanawo esewonke?



Masibale:

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

Benginezimabule eziyi-8 ngalahlekelwa ngezi-4. Zingaki izimabule ezisele?

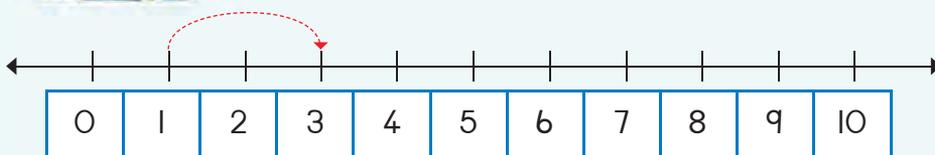


Masibale sihlehle:

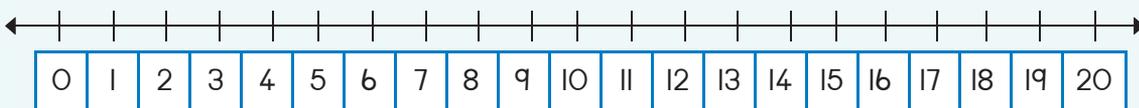
8	...	7	6	5	4
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>	



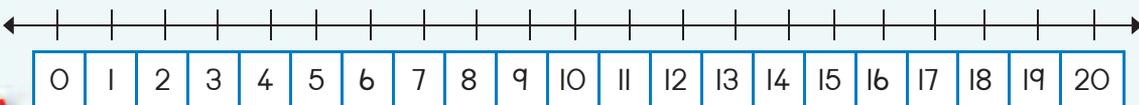
Gcwalisa izimpendulo.



$1 + 2 = \square$



$13 + 2 = \square$



$15 + 2 = \square$





Gcwalisa izinombolo emgqeni wezinombolo bese ubhala umusho wezinombolo walokhu ngakunye.

← 0 1 2 3 4 5 6

6	+	5	=	
---	---	---	---	--

← 0

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

← 0

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



Bala ngaku-2.

3	5
4	
2	



7	
8	
6	



Gcwalisa izinombolo.



Siza isicabucabu siqedele isibalo saso.

Ngineminyaka eyi-7 ubudala.  
Ngizobe nginemingaki eminyakeni emi-5 ezayo?

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

Ngizobe ngineminyaka e- \_\_\_\_\_ ubudala.

6	+ 5	
8		
7		
0		



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

# Ukuhlanganisa – ukwakha nokubhidliza izinombolo ezifinyelela e-10

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

7

isikhombisa



Gcwalisa impendulo.

$3 + 3 = \square$



$0 + 5 = \square$

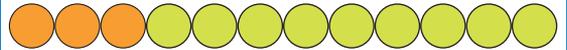


$3 + 2 + 1 = \square$



Faka umbala ukukhombisa lokhu okulandelayo.

$3 + 9$



$4 + 8$



$5 + 7$



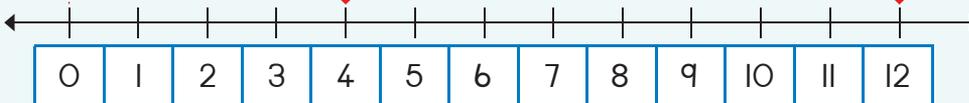
$6 + 6$



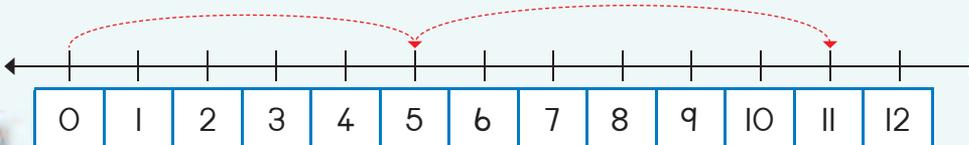
$7 + 5$



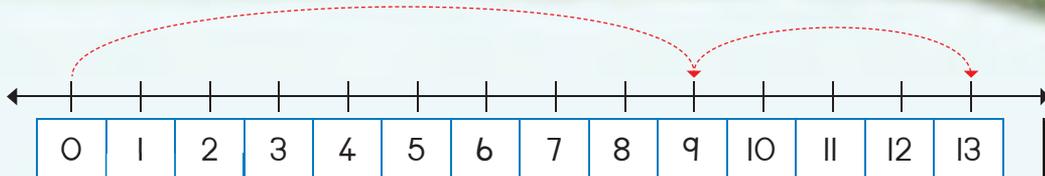
Bhala isibalo salokhu:



$\square + \square = \square$



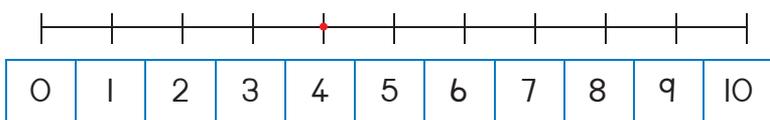
$\square + \square = \square$



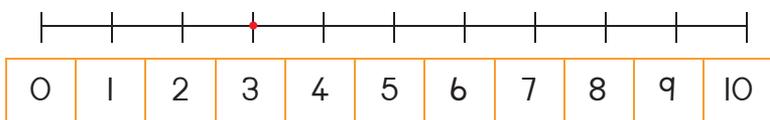
$$\square + \square = \square$$



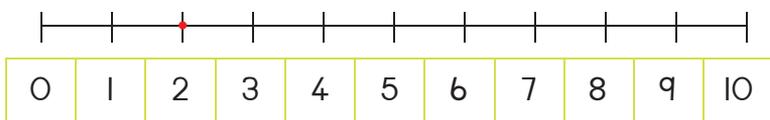
Qedela umugqa wezinombolo bese ugcwalisa impendulo.



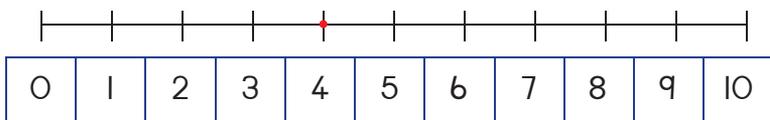
$$4 + 5 + 1 = \square$$



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



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



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



Xazulula lokhu okulandelayo ngokudweba izithombe.

Nginezimabule ezi-5 kanti umngani wami uneziyi-8. Zingaki izimabule esinazo sezizonke?

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

Nginezimbali eziyi-9 engizozinika uthisha kanti umngani wami uneziyi-6. Zingaki izimbali esinazo sezizonke?

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

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





# Ukuhlanganisa – ukwakha nokubhidliza izinombolo ezifinyelela ema-20

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

8

isishiyagalombili



Gcwalisa impendulo.

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



Sebenzisa izimbali ezinemibala engafani wakhe imisho yakho yezinombolo.

+  +  =

+  +  =

+  +  =



Siza isicabucabu siqedele isibalo saso.

12		<input type="text"/>
14		<input type="text"/>
11		<input type="text"/>
9		<input type="text"/>



Zingaki izinhliziyiyo?

Yenza esakho isibalo.

+  =





Qondanisa amapheya ezinombolo wakhe lezi zinombolo ezilandelayo.

7	●	13	●	5
8	●			4
9	○			6
10	○			2
11	○			3

6	○	11	○	7
7	○			4
3	○			8
4	○			5
5	○			6

8	○	12	○	6
10	○			1
4	○			8
11	○			4
6	○			2



Bhala umusho wezinombolo zalokhu:

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
												<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
												<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>

Ukubuyekeza:

Ukubuyekeza: Faka umbala empendulweni efanele.

ukuyivelela ngaphambili
ukuyivelela ngemuva
ukuyivelela ngasohlangothini

ukuyivelela ngaphambili
ukuyivelela ngemuva
ukuyivelela ngasohlangothini

ukuyivelela ngaphambili
ukuyivelela ngemuva
ukuyivelela ngasohlangothini

ukuyivelela ngaphambili
ukuyivelela ngemuva
ukuyivelela ngasohlangothini



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





# Ukuhlanganisa nokususa – ukwakha nokubhidliza izinombolo

Ukubuyekeza:

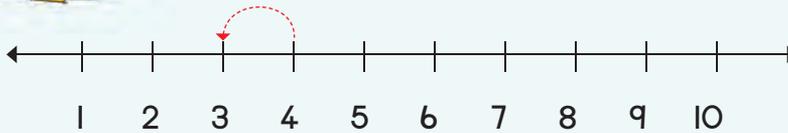
Zijwayeze ukubhala igama lenombolo.

9

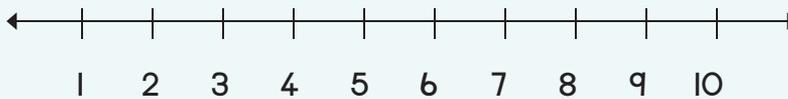
isishiyagalolunye



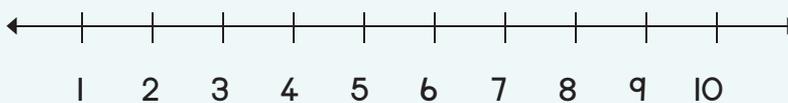
Gcwalisa impendulo.



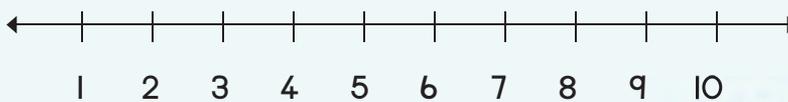
$4 - 1 = \square$



$5 - 3 = \square$



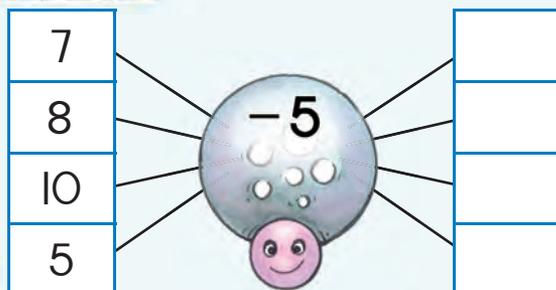
$4 - 2 = \square$



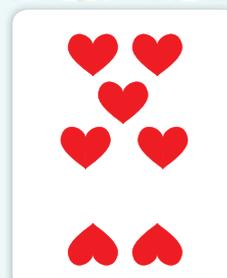
$5 - 2 = \square$



Siza isicabucabu siqedele  
isibalo saso.



Zingaki izinhliziyu?



Zingaki izinhliziyu?

$\square + \square = \square$



Bala lokhu okulandelayo.

$$7 + 4 = \square$$

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

$$10 + 1 = \square$$

$$6 + 6 = \square$$

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

$$10 + \square = \square$$

$$13 - 6 = \square$$

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

$$10 - 3 = \square$$

$$12 - 8 = \square$$

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

$$10 - 3 = \square$$



Bhala izimpendulo uzifake umbala bese uyadweba.

$8 + 6 = \square$



Singabuye sikukhombise kanje:



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

$15 - 7 = \square$



Singabuye sikukhombise kanje:



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

$9 + 4 = \square$



Singabuye sikukhombise kanje:



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

$14 - 5 = \square$



Singabuye sikukhombise kanje:

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

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

10

ishumi

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





# Ubude

Ithemu 3



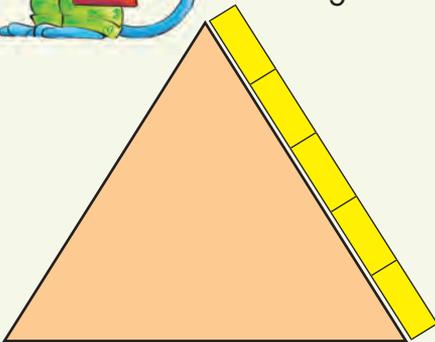
Buka isithombe bese uphendula imibuzo.

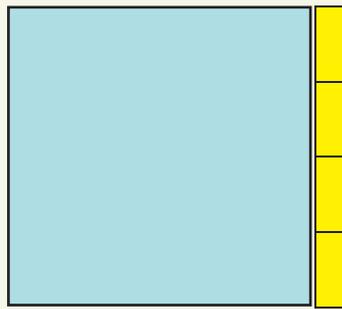
uJabu	uPhumi	uNomsa	uKheni

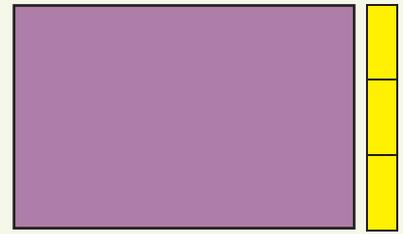
Ngubani omude kunabo bonke?	Ngubani umfana omfushane kunabo bonke?
Ngubani omfushane kunabo bonke?	Ngubani oyintombazana ende kunabo bonke?



Izinhlangothi zalezi zimo zingamabhulokhi amangaki ubude?











Buyini ubude kanye nobubanzi betafula uma silikala ngamabhulokhi nangamapensela?



Libanzi ngamabhulokhi a- \_\_\_\_.

Lide ngamabhulokhi a- \_\_\_\_.



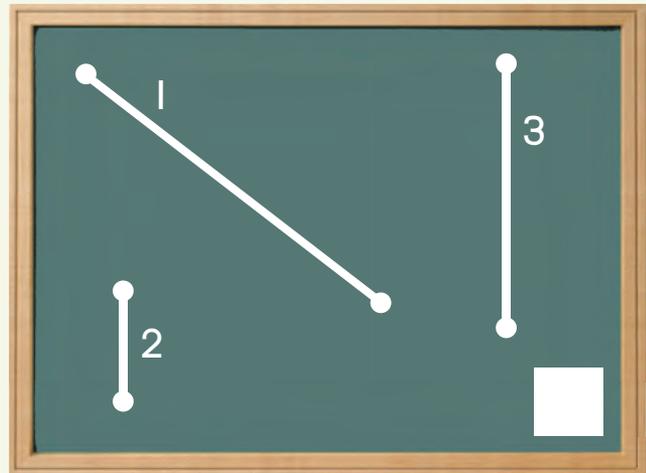
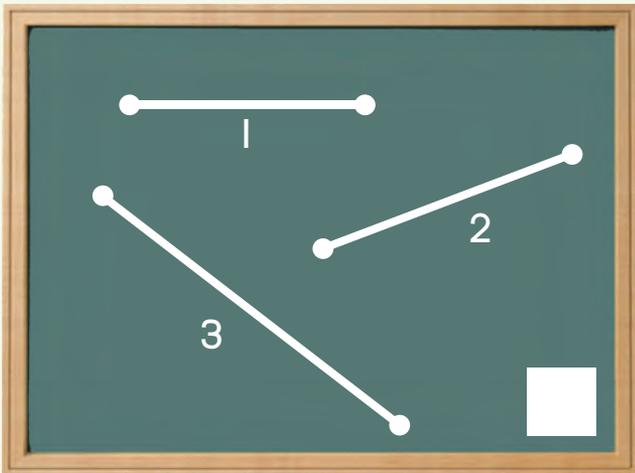
Libanzi ngamapensele a- \_\_\_\_.

Lide ngamapensele a- \_\_\_\_.



Yimuphi umugqa omfushane kunayo yonke?  
Umugqa woku-1, wesi-2 noma wesi-3?

Yimuphi umugqa omude kunayo yonke?  
Umugqa woku-1, wesi-2 noma wesi-3?



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





# Imali noshintshi



Beka uphawu lokuthikha enanini eliphakeme kunawo wonke emgqeni.

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



Beka uphawu lokuthikha ezinhlamvini zemali ezakha ama-R10.

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



Beka uphawu lokuthikha ezinhlamvini zemali ezakha ama-R20.

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





Bala lokhu okulandelayo.

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



Xazulula lokhu okulandelayo:

Nginohlamvu lwama-R2 kanye nolwama-R5. Umngani wami unezinhlamvu zama-R2 ezintathu. Ngubani onemali eningi kunomunye?

Nginohlamvu lwama-R5 kanye nolwe-R1. Umngani wami unezinhlamvu zama-R5 ezintathu. Ngubani onemali eningi kunomunye?



Nginama-R15:

Ngikhokha

Ushintshi

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



Bala lokhu okulandelayo:

Nginama-R15. Ngithenga iphakethe lamashipi ngama-R6. Ngisele namalini?



Yinciphise ngama-R2.

$R11$		$R4$	
$R12$		$R6$	
$R10$		$R8$	



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

## Imali noshintshi



Dweba izinhlamvu zemali ezifinyelela:

R11	
R12	
R13	
R14	



Beka uphawu lokuthikha bese ugcalisa impendulo efanele.

$$R18 - R8 = \text{RIO}$$



$$R12 - R2 = \square$$



$$R15 - R4 = \square$$



$$R14 - R7 = \square$$



Bala lokhu okulandelayo:

$R15 - R10 =$	
$R10 - R1 - R1 - R2 =$	

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

$R20 - R5 =$	
$R10 - R1 - R5 - R2 =$	



Bala lokhu okulandelayo:

Nginama -R15. Ngithenga ngama -:	Ngisele namalini?
R2 kanye R4 =	R9
R8 kanye R4 =	
R12 kanye R2 =	
R5 kanye R5 =	
R8 kanye R7 =	
R10 kanye R2 =	
R8 kanye R2 =	
R6 kanye R2 =	
R4 kanye R2 =	
R2 kanye R2 =	
R9 kanye R6 =	
R10 kanye R2 =	



Nginama -R15. Ngithenge iphakethe lamaswidi ngama -R11.  
Yenza umdwebo ukhombise ukuthi malini engisele nayo.



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

# Imali: Ukuhlanganisa nokususa



Bala lokhu okulandelayo:

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

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

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



Bala lokhu okulandelayo:

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

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

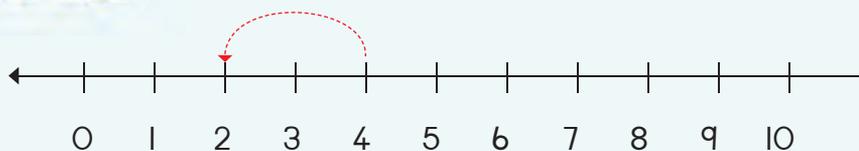
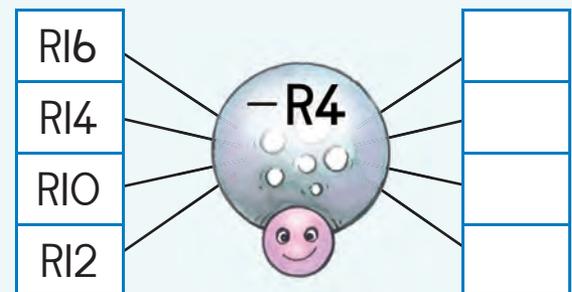
$R10 - R5 =$	
$R15 - R2 =$	
$R16 - R6 =$	
$R14 - R4 =$	



Siza isicabucabu siqedele zonke izibalo.



Nciphisa ngama-R2.



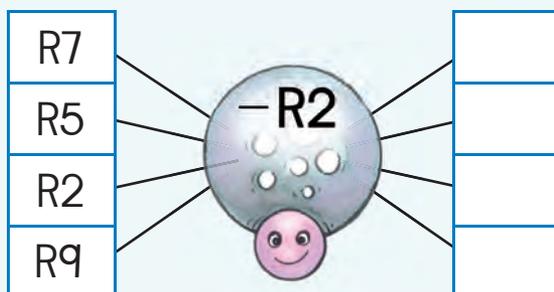
$$R4 - R2 =$$



$$R7 - R2 =$$



Siza isicabucabu senze izibalo zokususa.



Xazulula lokhu okulandelayo.

Bewunama -R12. Umama wakho wakupha ama-R5. Unamalini manje?

Unama -R19. Uthenga uswidi ngama -R8. Usele namalini?

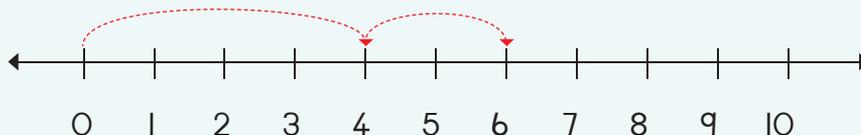


Ingakanani imali engiyongile?



Khombisa isibalo ngomugqa wezinombolo bese uthola impendulo.

$R4 + R2 =$



$R8 + R2 =$



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



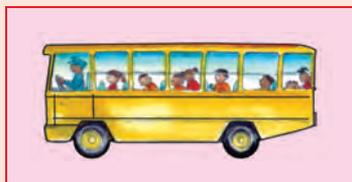
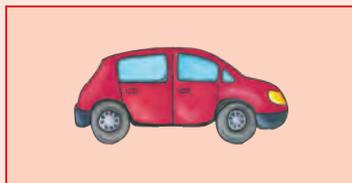
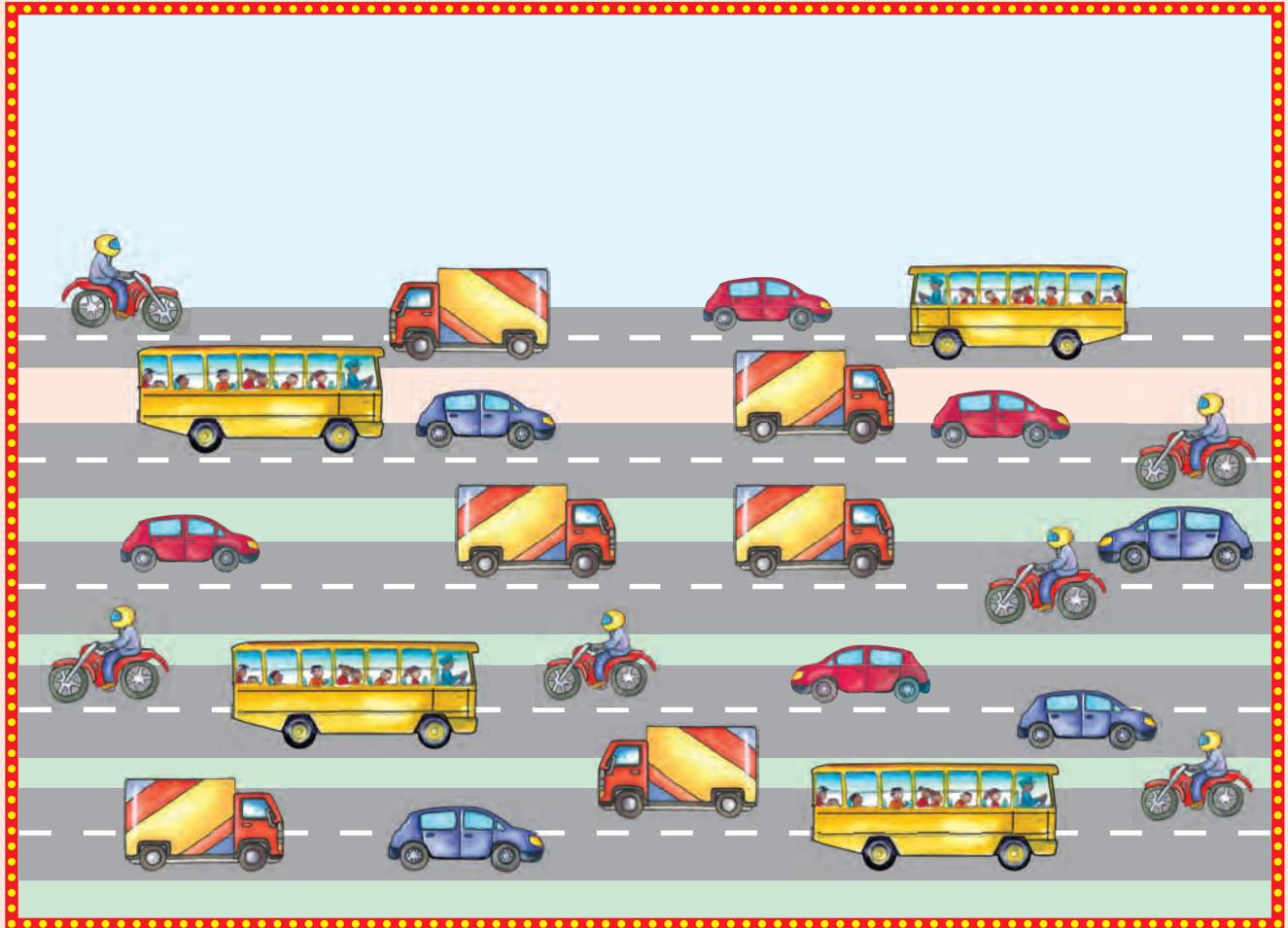


Usuku:

# Imininingwane



Bala uthole inani lohlobo oluthile lwezimoto ozibonayo.





Bala izimo bese ufaka umbala eshadini elingezansi ukukhombisa ukuthi zingaki izimoto zohlobo ngalunye. Manje phendula imibuzo.



5						
4						
3						
2						
1						

\_\_\_\_\_ yizo eziningi kunazo zonke.

\_\_\_\_\_ zimbawo kunazo zonke.



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



# Iminingwane nesikhathi



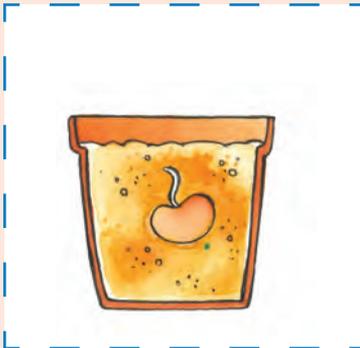
Khuluma ngalezi zithombe bese uzibeka ngokulandelana kokwenzekayo.



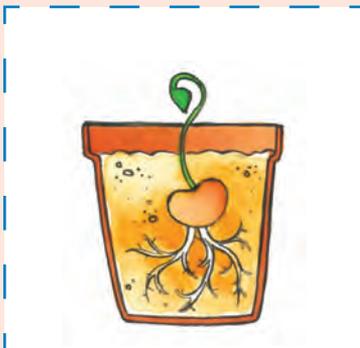
1



2



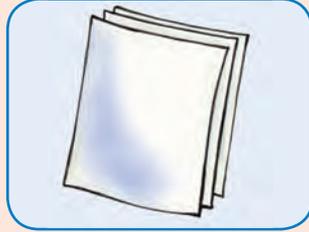
3



4



Sebenzisa amakhadi ukuhlela Okusikwayo koku-I uqedele ngakho igrafu yezithombe.



--	--	--	--



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



# Amaqoqo okungakuhlani kufinyelele e-15

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo.

5

isihlani



Buka isithombe bese uphendula umbuzo.



Buka isithombe.  
Kopisha lapha.

Mangaki amaqoqo okungaku-5 okwazi  
ukuwenza?

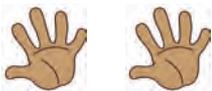
Kopisha lapha.



Iqoqo eli-1 loku-5  
ngoku-5



Bala iminwe bese ugcwalisa impendulo.



$$5 + 5 =$$



$$5 + 5 + 5 =$$



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

Amaqoqo ama-2  
okuhlani yi-10



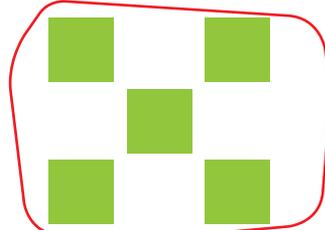
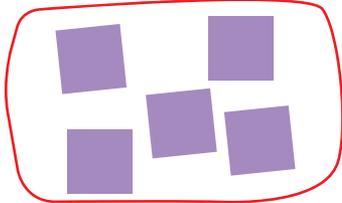


Dweba iziyingi uzungeze lokhu okulandelayo:

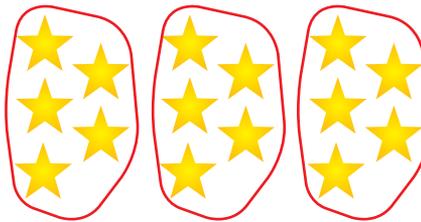
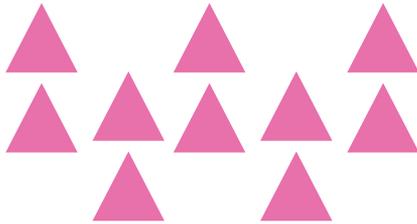


Bhala imisho yezinombolo yalokhu okulandelayo.

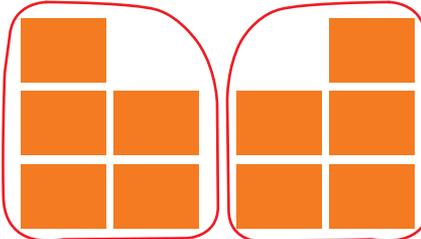
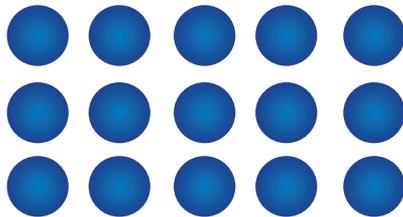
Iqoqo eli-1 loku-5



2 amaqoqo oku-5



3 amaqoqo oku-5



Mangaki amaqoqo okuhlenu ongawenza ngalokhu?

10	noku-	0		amaqoqo
8	noku-	2		amaqoqo
6	noku-	4		amaqoqo
4	noku-	1		amaqoqo
2	noku-	3		amaqoqo



Teacher:  
Sign:

Date:



# Okuhlano: ukuhlanganisa okuphindakayo okufinyelela e-15

Ukubuyekeza:

Ukubuyekeza: Cwalisisa izinombolo ezingekho.



Zingaki izinzwane noma iminwe?  
Bhala umusho wezinombolo walokhu.






Iqoqo likabhanana omhlanu.

Amaqoqo amabili anezimbali ezinhlanu ngalinye.

Dweba:




Dweba izimo zalokhu okulandelayo.

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

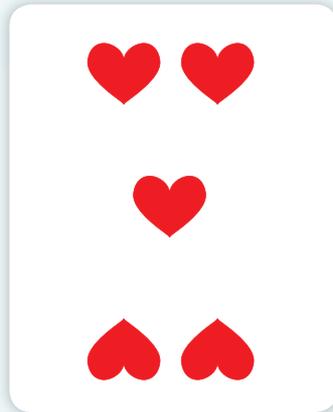
$$\boxed{5} + \boxed{5} + \boxed{5} = \boxed{\phantom{00}}$$

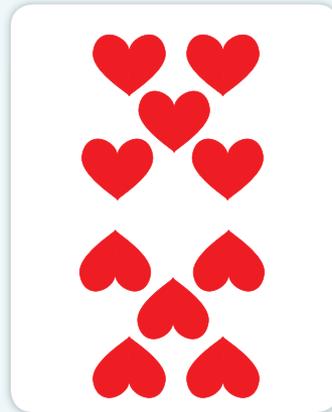






Kokelezela bese ubala ukuthi mangaki amaqoqo anokuhlana ongawenza ngekhadi ngalinye.







Bhala umusho wezinombolo ngalokhu:

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



Sebenzisa imibala ehlukeni ukukhombisa izinombolo ozokwenza amaqoqo anokungakuhlana ngazo.

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



Mangaki amaqoqo anokungakuhlana ongawenza?

1	noku-	14	kwenza		amaqoqo
13	noku-	2	kwenza		amaqoqo
8	noku-	2	kwenza		amaqoqo
7	noku-	8	kwenza		amaqoqo
9	noku-	2	kwenza		amaqoqo



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



## Okungakuhlani okufinyelela e-15

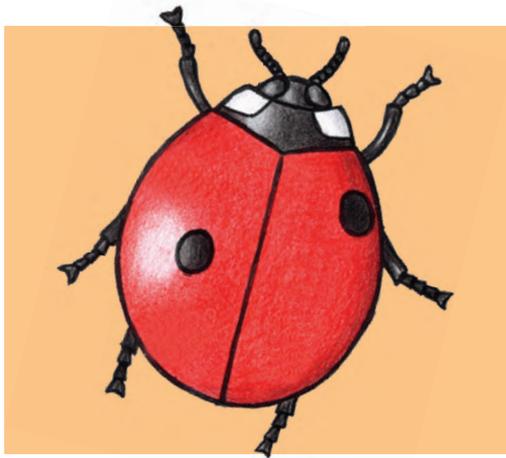


Gcwalisa izinombolo ezingekho.

1		3		5		7	8	9	
11	12								

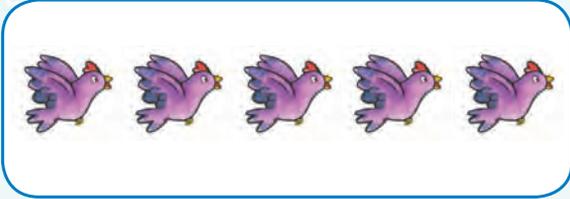


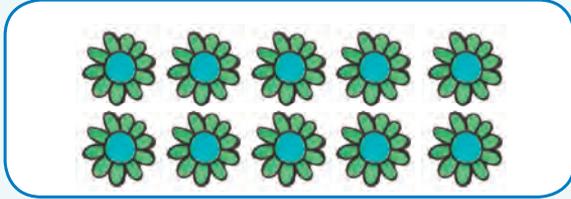
Yenza amaqoqo okungakuhlani. Ibhungezi ngalinye kumele libe namaqoqo anokungakuhlani kwamachashazi amnyama ephikweni ngalinye. Dweba amachashazi angekho.

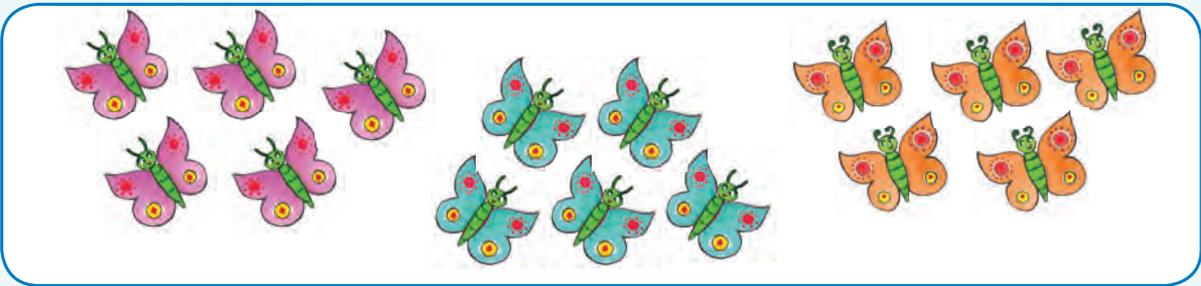




Bhala umusho wezinombolo walokhu ngakunye.









Bala lokhu okulandelayo:

$0 + 5 = \square$

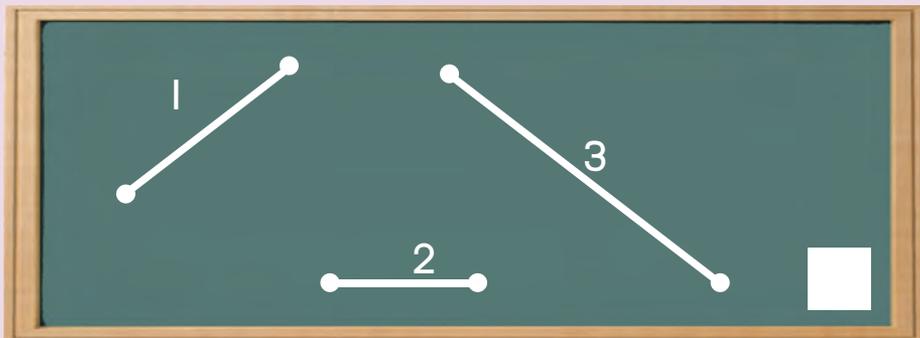
$5 + 5 + 5 = \square$

$5 + 5 = \square$

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

Ukubuyekeza:

Ukubuyekeza: Yimuphi umugqa omude kunayo yonke?



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



# Amaphethini ezinombolo anokungakuhlano okufinyelela ema-50

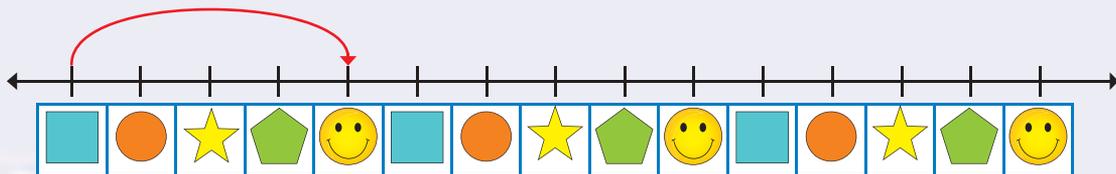


Qedela iphethini lokungakuhlano ngokufaka imibala ezinombolweni.

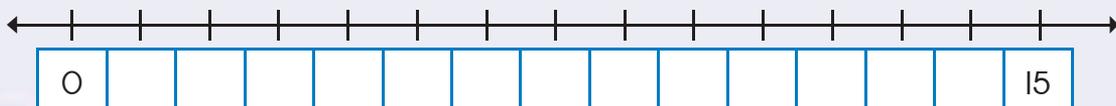
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50



Dweba amahuphu ukukhombisa amaqoqo okungakuhlano.

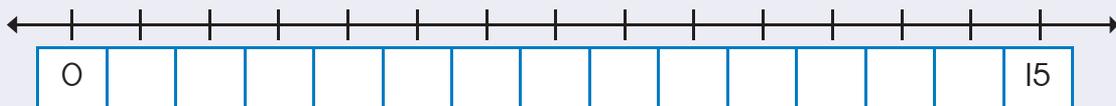


Gcwalisa ngezombolo ezingekho bese udweba amahuphu ukukhombisa amaqoqo okungakuhlano.



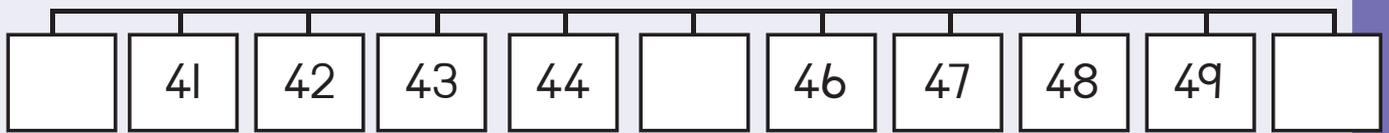
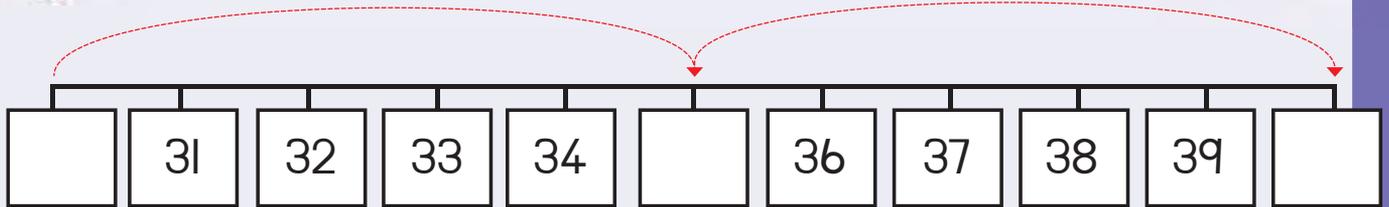
Qedela umugqa wezinombolo. Dweba amahuphu ukukhombisa amaqoqo okungakuhlano.

Kunamaqoqo  anokungakuhlano.



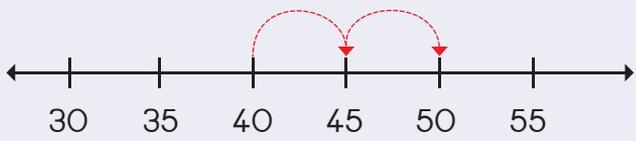


Sika izinombolo ezingekho Kokusikwayo kwesi - 2 uzibeke emgqeni wezinombolo.

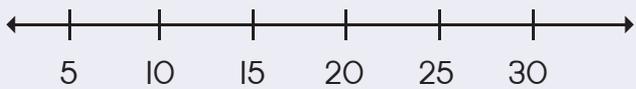


Dweba amahuphu ukukhombisa okulandelayo:

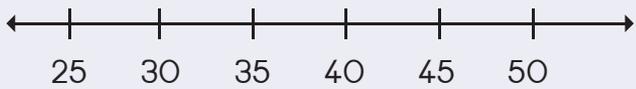
40, 45, 50



10, 15, 20



25, 30, 35



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





# Amaphethini ezinombolo zokungakuhlani okufinyelela ema-80



Mangaki amaqoqo okungakuhlani owabona esithombeni?

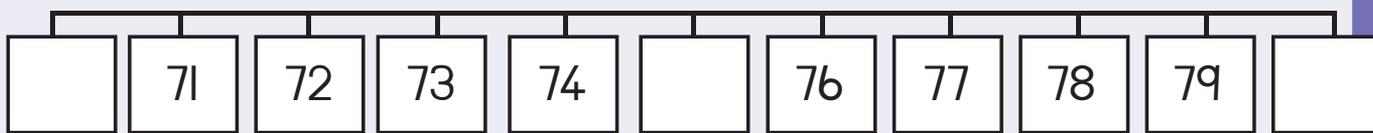
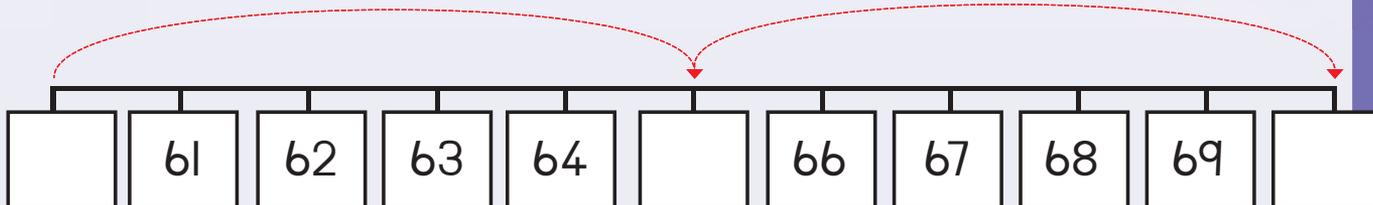


Qedela lezi zithombe ukukhombisa amaqoqo anokungakuhlani.



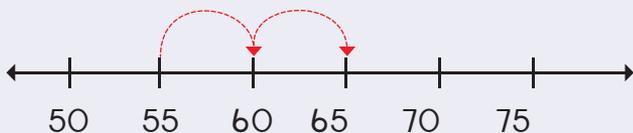


Sika izinombolo ezingekho kokusikwayo kwesi-2 uzibeke emgqeni wezinombolo.

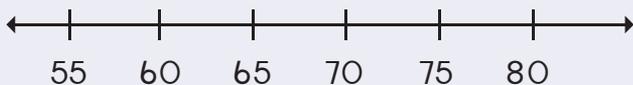


Dweba ihuphu ukukhombisa lokhu okulandelayo:

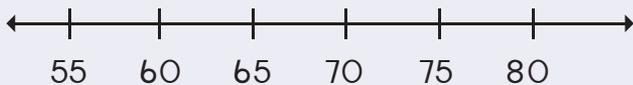
55, 60, 65



65, 70, 75



70, 75, 80



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





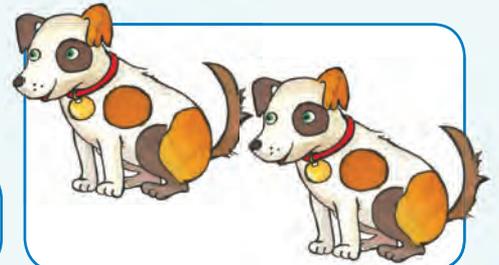
# Phinda kabili



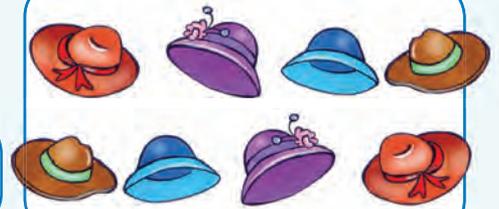
Phinda kabili lezi zinto bese ugcwalisa impendulo.



phinda kabili oku-1



phinda kabili oku-4



phinda kabili oku-5



Bala izimo ezisemaphikweni ovemvane.

Qedela imisho yezinombolo zokuphinda kabili.



$7 + 7 =$   
noma  
phinda kabili okuyi-7 =



$5 + 5 =$   
noma  
phinda kabili oku-5 =

$2 + 2 =$   
noma  
phinda kabili oku-2 =





Qedela lokhu okulandelayo:

Sithi okuyi-6 okuphindwe kabili kuba ngokuyi-12. Kungakanani okuwuhhafu wokuyi-12? \_\_\_\_\_

<p>Mangaki amasondo owabonayo?</p> <input type="text"/>	<p>Mangaki amasondo owabona manje?</p> <input type="text"/>	<p>Mangaki amaqanda asekhathonini?</p> <input type="text"/>	<p>Mangaki amaqanda manje?</p> <input type="text"/>
---	---	---	---



Bala amachashazi bese uwaphinda kabili.



Phinda kabili lezi zinombolo.

	1	phinda kabili →		2
	2	phinda kabili →		
	3	phinda kabili →		
	4	phinda kabili →		
	5	phinda kabili →		

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



Qedela lokhu okulandelayo:

<p>Zingaki izinsuku esontweni?</p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> <input type="text"/>	S	M	T	W	T	F	S								<p>Zingaki izinsuku emasontweni amabili?</p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> <input type="text"/>	S	M	T	W	T	F	S	S	M	T	W	T	F	S														
S	M	T	W	T	F	S																																					
S	M	T	W	T	F	S	S	M	T	W	T	F	S																														
<p>Zingaki izinyawo ozibonayo?</p> <input type="text"/>	<p>Zingaki izinyawo ozibona manje?</p> <input type="text"/>																																										
	<p>Sithi phinda kabili okuyi-7 kube ngokuyi-14. Kuzoba yini uhhafu wokuyi-14?</p> <input type="text"/>																																										
	<p>Sithi phinda kabili oku-2 ngoku-4. Kuzoba yini uhhafu woku-4?</p> <input type="text"/>																																										



Qedela lokhu okulandelayo:

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

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

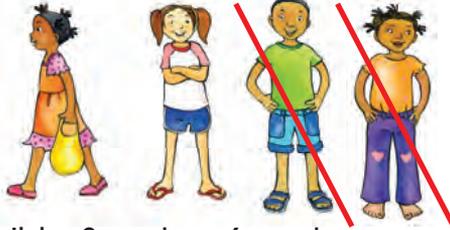




# Ohhafu



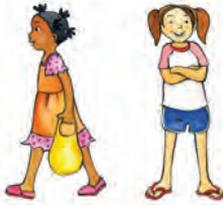
Hlikihla uhhafu wabantwana bese ubhala impendulo.



Uhhafu woku-4 ngoku- \_\_\_\_\_



Uhhafu woku-6 ngoku- \_\_\_\_\_



Uhhafu woku-2 ngoku- \_\_\_\_\_

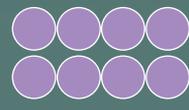


Uhhafu woku-8 ngoku- \_\_\_\_\_



Hlikihla uhhafu bese ugcwalisa impendulo.

 Uhhafu woku-2 =

 Uhhafu woku-8 =

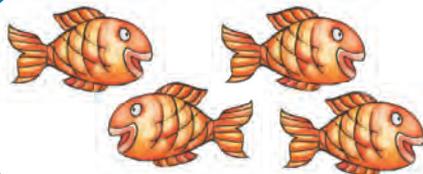
 Uhhafu woku-4 =

 Uhhafu woku-10 =

 Uhhafu woku-6 =

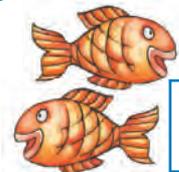


Zingaki izinhlanzi?

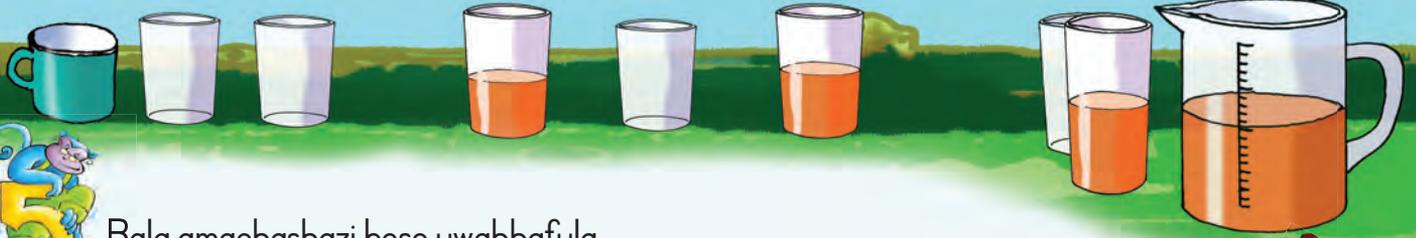




Uhhafu wezinhlanzi uyizinhlanzi ezingaki?







Bala amachashazi bese uwahhafula.

	2	uhhafu →		
	4	uhhafu →		
	6	uhhafu →		
	8	uhhafu →		
	10	uhhafu →		

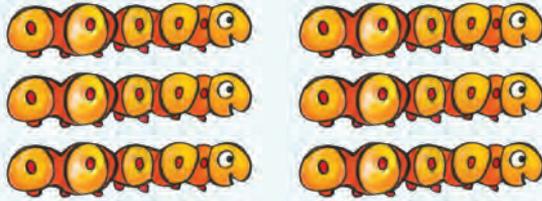


Hhafula izinombolo.

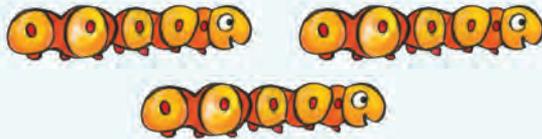
4	uhhafu →	2
8	uhhafu →	
6	uhhafu →	
10	uhhafu →	
12	uhhafu →	
14	uhhafu →	



Mingaki imiswenya?



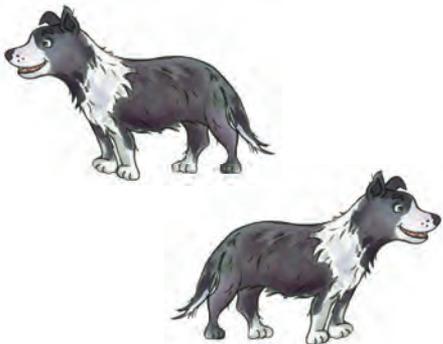
Uhhafu wemiswenya yimiswenya e - :






Nikeza impendulo yalokhu okulandelayo:

Mingaki imilenze?




Mingaki imilenze manje?




Sithi uhhafu wokuyi - 8 ngoku-



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



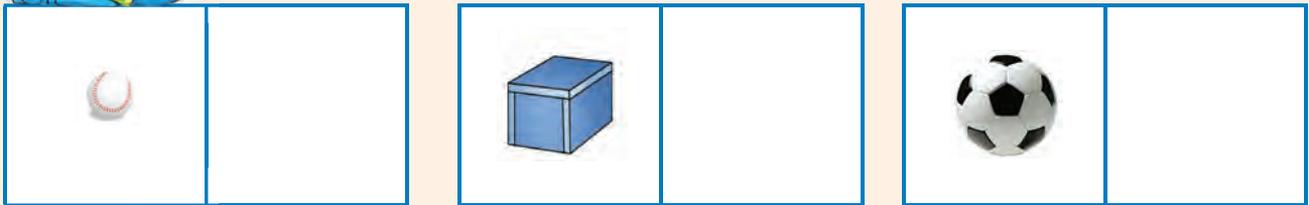
# Izinto eziwonhlangothi - ntathu



Beka uphawu lokuthikha kokuncane kunakho konke.

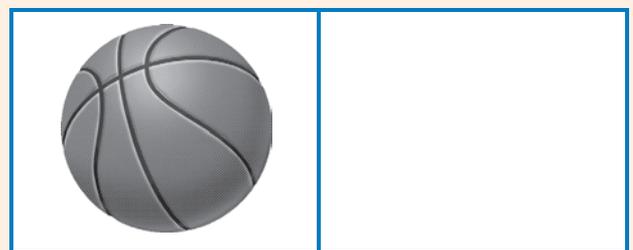
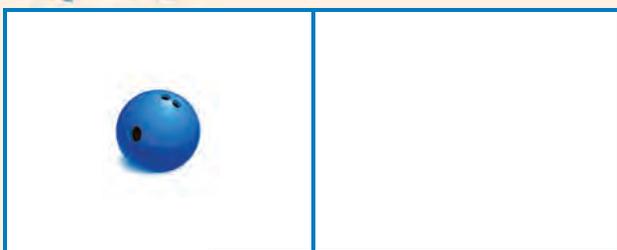


Dweba into enkudlwana kwesokudla sesithombe.



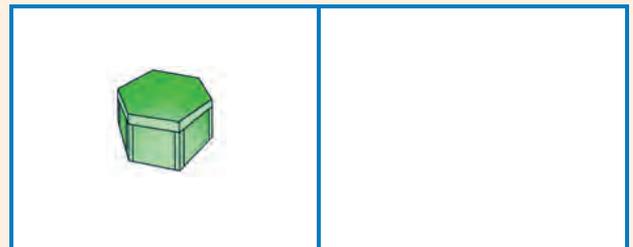
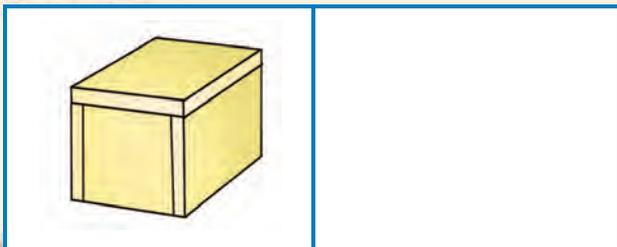
Dweba ibhola elikhudlwana kuneliluhlaza okwesibhakabhaka.

Dweba ibhola elincane kunelimpunga.



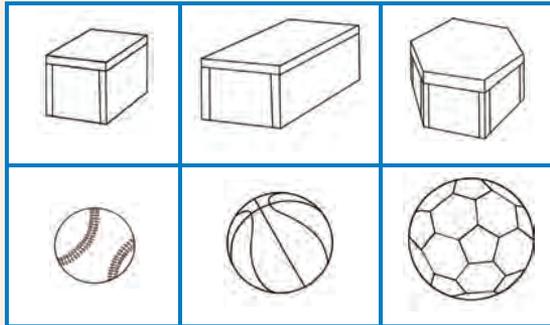
Dweba ibhokisi elincane kuneliphuzi.

Dweba ibhokisi elikhudlwana kuneliluhlaza okotshani.

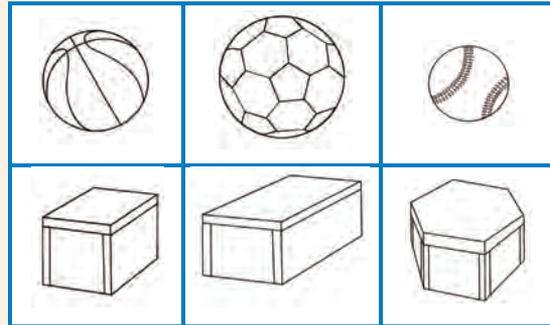




Faka umbala ebhokisini elincane kunawo wonke nombala ophuzi ebholeni elikhulu kunawo wonke.



Faka umbala oluhlaza okwesibhakabhaka ebhokisini elikhulu kunawo wonke nobomvu ebholeni elikhulu kunawo wonke futhi.



Ungasenza yini isitezi ngalezi zinto?

Faka umbala kuyebo noma cha.



yebo

cha



yebo

cha



yebo

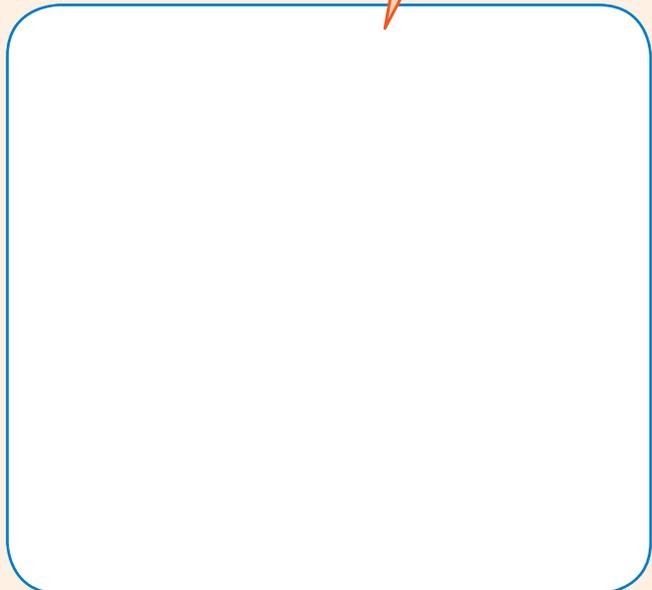
cha

7



Sika unamathisele izithombe zephaphuku noma zephaphandaba wenze izitezi zakho ezimbili.

Khumbula ukuthi izitezi kumele zikwazi ukuzimela.



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



# Izinto eziwonhlangothi - ntathu – Ezishibilikayo nezigingqikayo



Ngabe lezi zinto ziyagingqika noma ziyashibilika?  
Faka umbala empendulweni efanele.



kuyagingqika    kuyashibilika



kuyagingqika    kuyashibilika



kuyagingqika    kuyashibilika



Ingenzeka le nto elandelayo?  
Faka umbala empendulweni efanele.

kuyagingqika    kuyashibilika



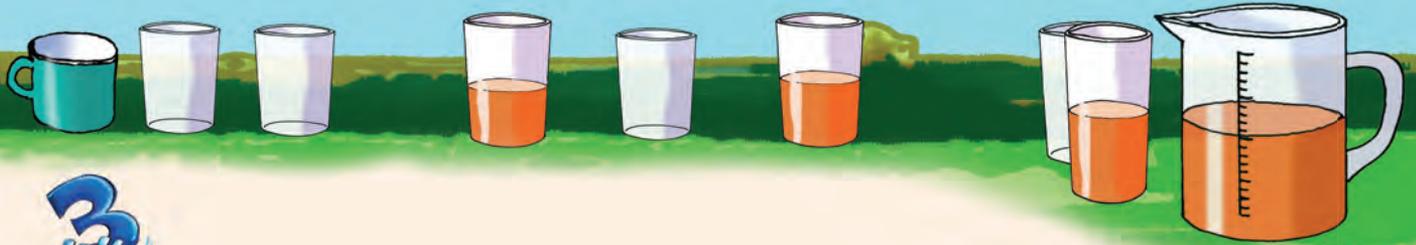
yebo    cha



yebo    cha



yebo    cha



Hlela lezi zinto ezilandelayo ngokuzidweba ebhulokhini elifanele.

	Amabhola	Amabhokisi
--	----------	------------



Hlela lezi zinto ngokobukhulu bese uzidweba.

	Amabhola amancane	Amabhokisi amancane
	Amabhola amakhulu	Amabhokisi amakhulu



Teacher:  
Sign:  
Date:





# Amaphethini ejiyomethri

Ukubuyekeza:

Dweba lokhu okulandelayo:

isiyingi

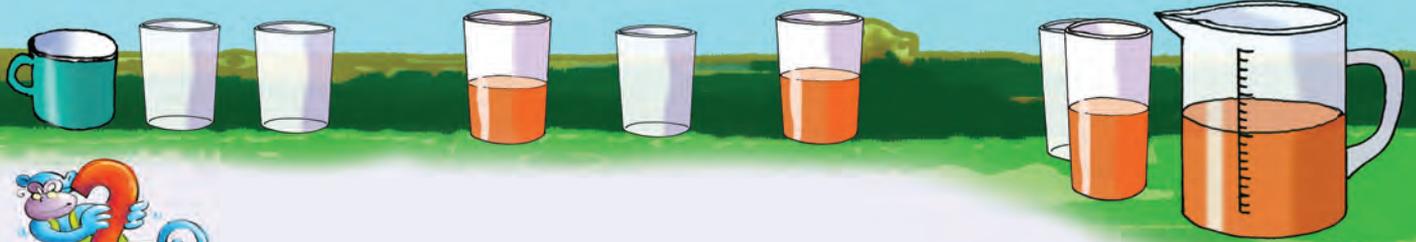
isikwele

unxande



Qedela iphethini.



Dweba indlela okumele iphethini leluleke ngayo.




Dweba iphethini lakho.



Namathisela izithombe wenze elakho iphethini.



Qedela leli phethini.

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



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





# Amaqoqo okubili afinyelela e -15



Bhala igama lale nombolo.

2

kubili



Phendula imibuzo.

Mangaki amaphengwini owabonayo?

Mangaki amapheya ezinyawo owabonayo?

Bhala lokhu kube wumusho wezinombolo:



Phendula imibuzo.

Zingaki izincwadi?

Mangaki amaqoqo okungakubili engingawenza?

Wabhale abe wumusho wezinombolo.



Bhala igama lale nombolo.

4



Bala amaphiko, bese ugqwalisa impendulo.



$$2 + 2 =$$



$$2 + 2 + 2 =$$

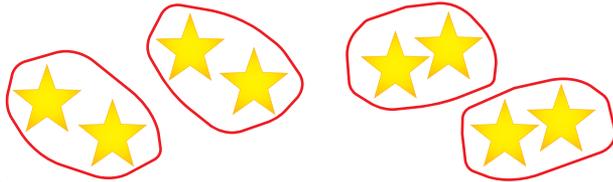


$$2 + 2 + 2 + 2 =$$

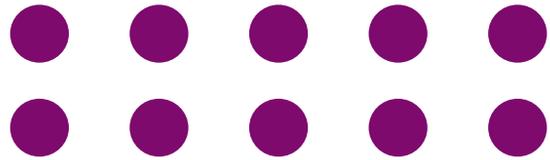


Dweba iziyingi ukokelezele lokhu?

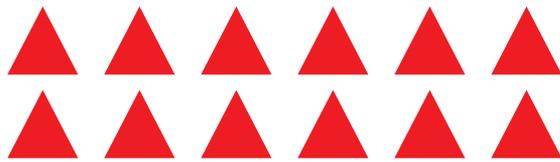
Amaqoqo ama-4 ezinto ezihamba nga-2



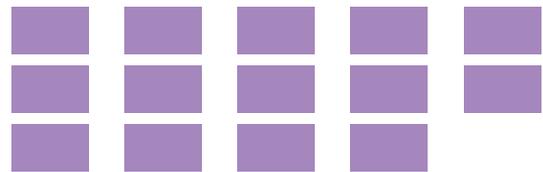
amaqoqo ama-5 ezinto ezihamba nga-2



amaqoqo ayi-6 ezinto ezihamba nga-2



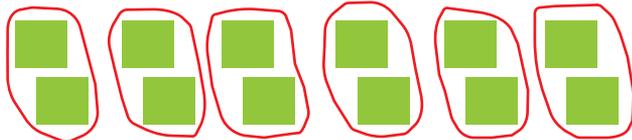
amaqoqo ayi-7 ezinto ezihamba nga-2



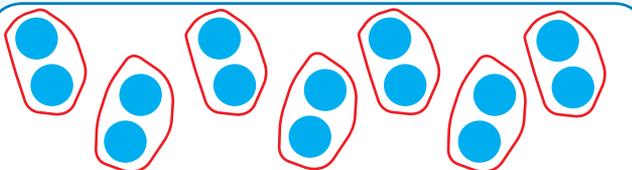
7

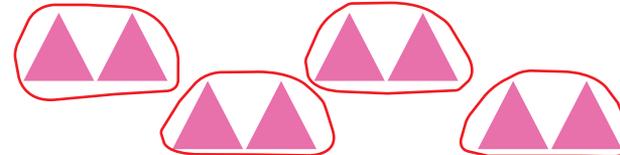


Bhala umusho wezinombolo ngalokhu:











Mangaki amaqoqo okungakubili ongawenza?

i-13 noku-1 kwenza	amaqoqo
i-11 noku-1 kwenza	amaqoqo
i-9 noku-1 kwenza	amaqoqo
i-7 noku-1 kwenza	amaqoqo

i-12 noku-1 kwenza	amaqoqo
i-5 noku-1 kwenza	amaqoqo
oku-1 noku-1 kwenza	amaqoqo
i-10 noku-0 kwenza	amaqoqo



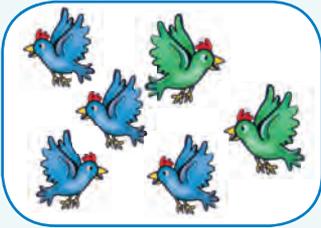
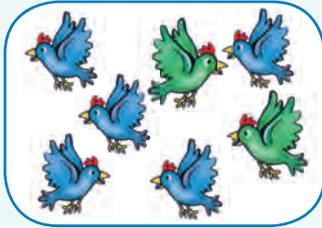
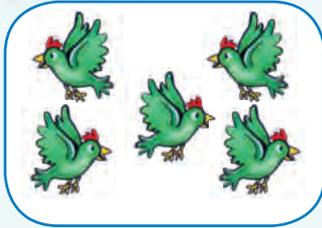
Teacher:  
Sign:  
Date:



Okubili uma kuphindwa esibalweni  
sokuhlenganisa kufinyelela e-15



Mingaki imilenze?



Uyibale kanjani?



Dweba izimo ukukhombisa okulandelayo:

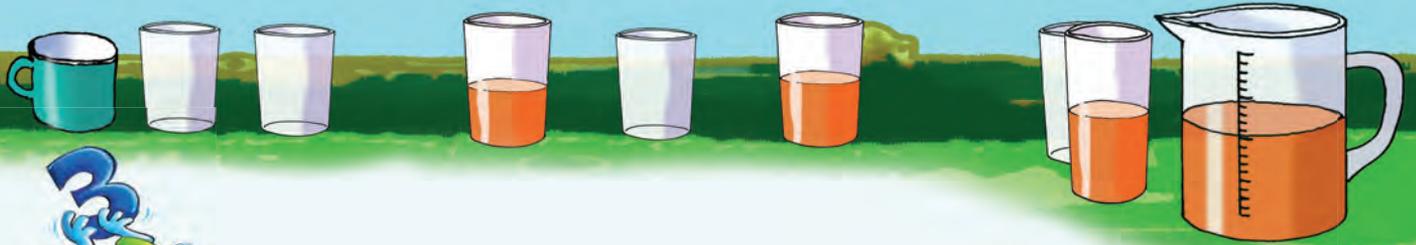
$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{\phantom{00}}$$



$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{\phantom{00}}$$

$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{\phantom{00}}$$

$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{\phantom{00}}$$



Bhala imisho yezinombolo ngalokhu okulandelayo.

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



Kokelezela bese ubala amaqoqo anokungakubili ongawenza ekhadini ngalinye.



Qedela leli phethini lezinombolo ozozisebenzisa ukwenza amaqoqo anokungakubili.

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



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

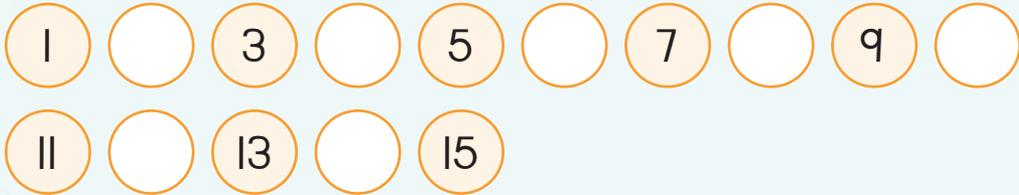




# Okungakubili okufinyelela e - 15

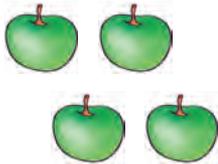


Ucwalisa izinombolo ezingekho.



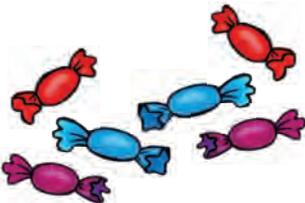
Yenza amaqoqo ezinto ezingambili.

Dweba isiyingi ukokelezele iqoqo elinokungakubili.



Mangaki amaqoqo ama-aphula?

Mangaki ama-aphula azotholwa yingane ngayinye?



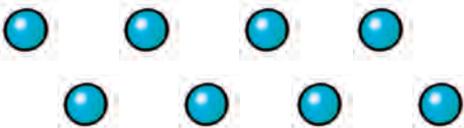
Mangaki amaqoqo amaswidi?

Mangaki amaswidi azotholwa yingane ngayinye?



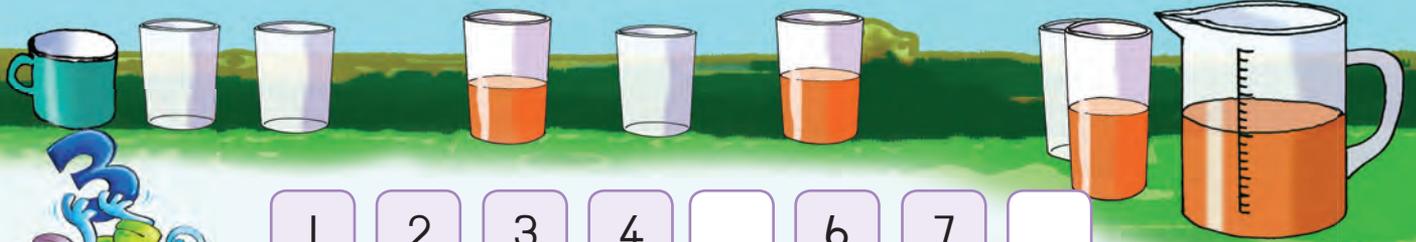
Mangaki amaqoqo ezimabule?

Zingaki izimabule ezizotholwa yingane ngayinye?



Mangaki amaqoqo ezimabule?

Zingaki izimabule ezizotholwa yingane ngayinye?



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

Grwalisa izinombolo ezingekho.



Bhala umusho wezinombolo usebenzisa okungakubili.

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

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--	--



Bala lokhu okulandelayo:

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



Kokelezela amaqoqo okungakubili emgqeni ngamunye.

Teacher:

Sign:

Date:



# Amaphethini ezinombolo ezi-2 zize zifinyelele ema-50



Sika izinombolo ezingekho kokusikwayo kwesi-2 uzinamathisele emgqeni wezinombolo. Manje qedela amahuphu.



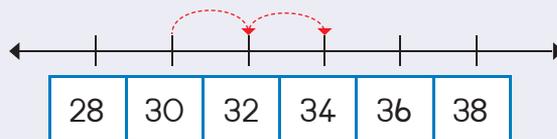
Qedela iphethini ngokufaka umbala ezinombolweni ezifanele.

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

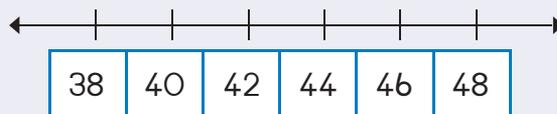


Dweba amahuphu ukukhombisa okulandelayo:

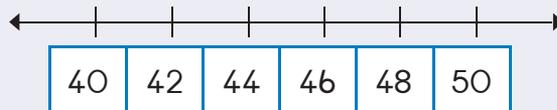
30, 32, 34



40, 42, 44



46, 48, 50



39

37

35

33

31

30

49

47

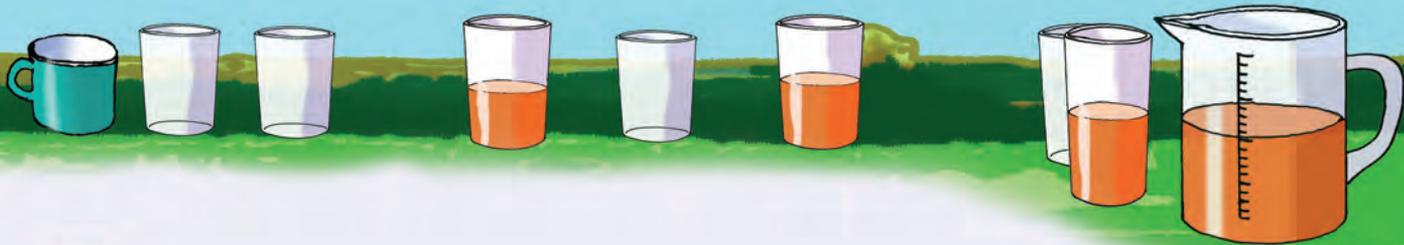
45

43

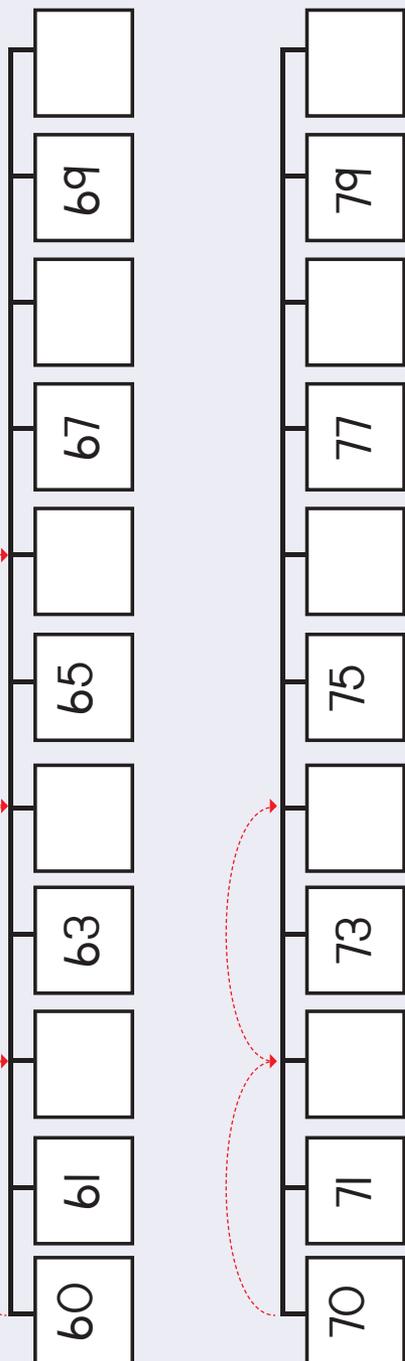
41

40





Sika izinombolo kokusikwayo kwesi-2 uzibeke emgqeni wezinombolo. Qedela amahuphu.



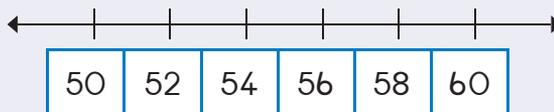
Qedela iphethini ngokufaka umbala ezinombolweni ezifanele.

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

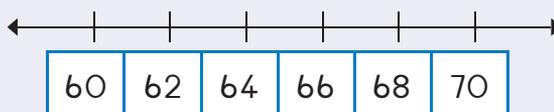


Dweba amahuphu ukukhombisa okulandelayo:

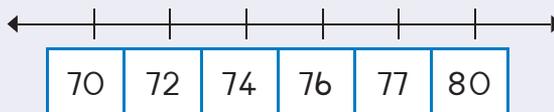
54, 56, 58



64, 66, 68



72, 74, 76



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

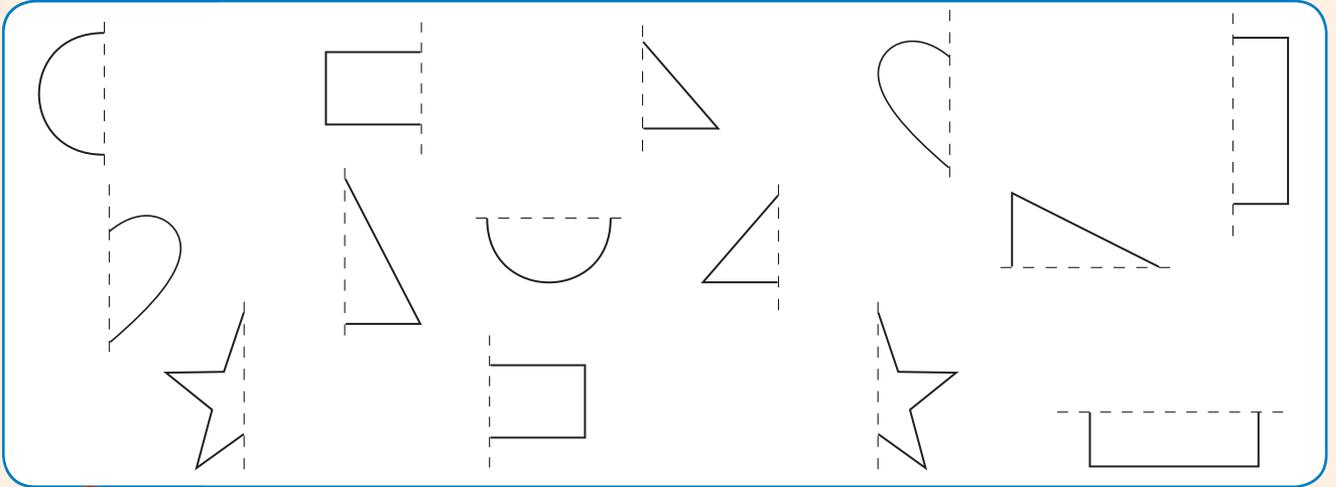




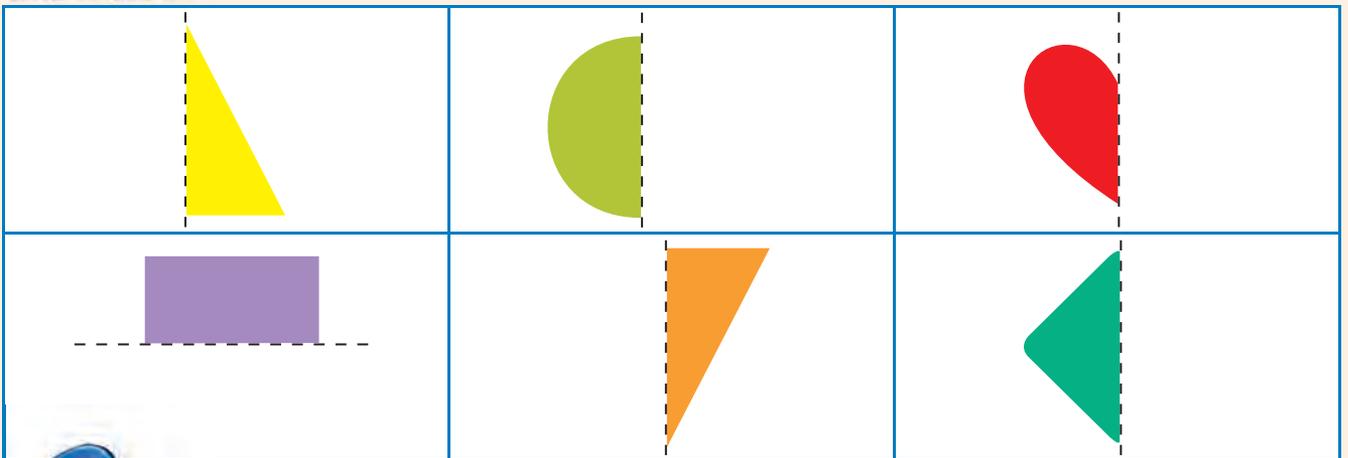
# Okunhlangothi zifana ncamashi



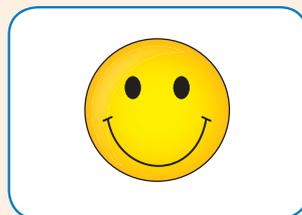
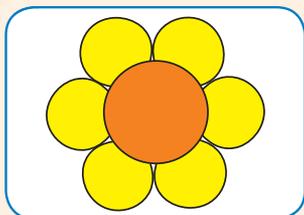
Faka umbala ezingxenyeni zezimo ezihamba ngambili ukuze zenze isimo esisodwa.

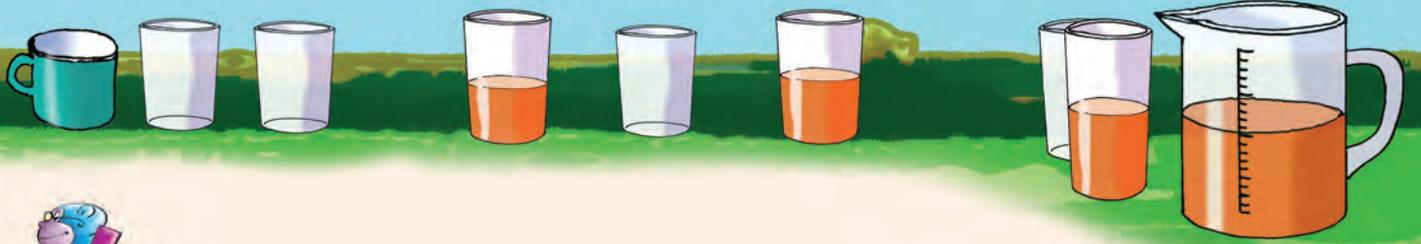


Dweba omunye uhhafu uwufake umbala.



Dweba umugqa uhlukanise ngawo lezi zithombe ezinokuhamba ngakubili ukuze izinhlangothi zifane ncamashi.

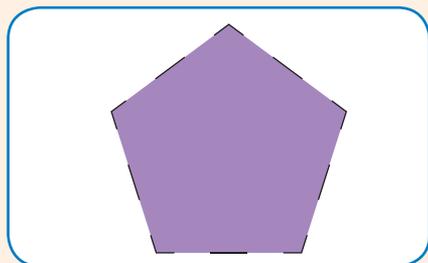
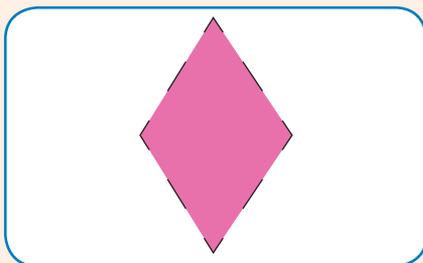
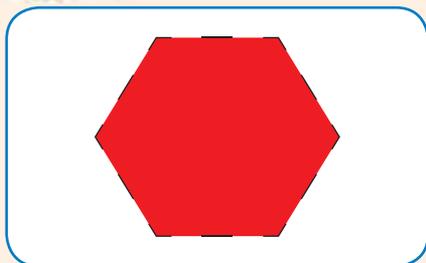




Dweba omunye uhhafu wesimo usebenzisa igridi.




Dweba umugqa uhlukanise ngawo lezi zithombe ezinokuhamba ngakubili ukuze izinhlangothi zifane ncamashi.



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





# Izinombolo kanye nezikhundla zazo



Gcwalisa izinombolo ezingekho.

10	11				15
9	10				



Gcwalisa izinombolo ezingekho.

6	7			10	11				15
15	14				10				6



Gcwalisa impendulo.

$10 + 1 =$	11	$15 - 10 =$	
$10 + 2 =$		$14 - 10 =$	
$10 + 5 =$		$12 - 10 =$	
$10 + 3 =$		$11 - 10 =$	





Faka umbala esibalweni ngasinge bese ufaka umbala iphazili elifanele elinenombolo efanele. Sikwenzele okokuqala.



10 + 1 kube bomvu



10 + 3 kube bukhwebezana



10 + 5 kube sasibhakabhaka



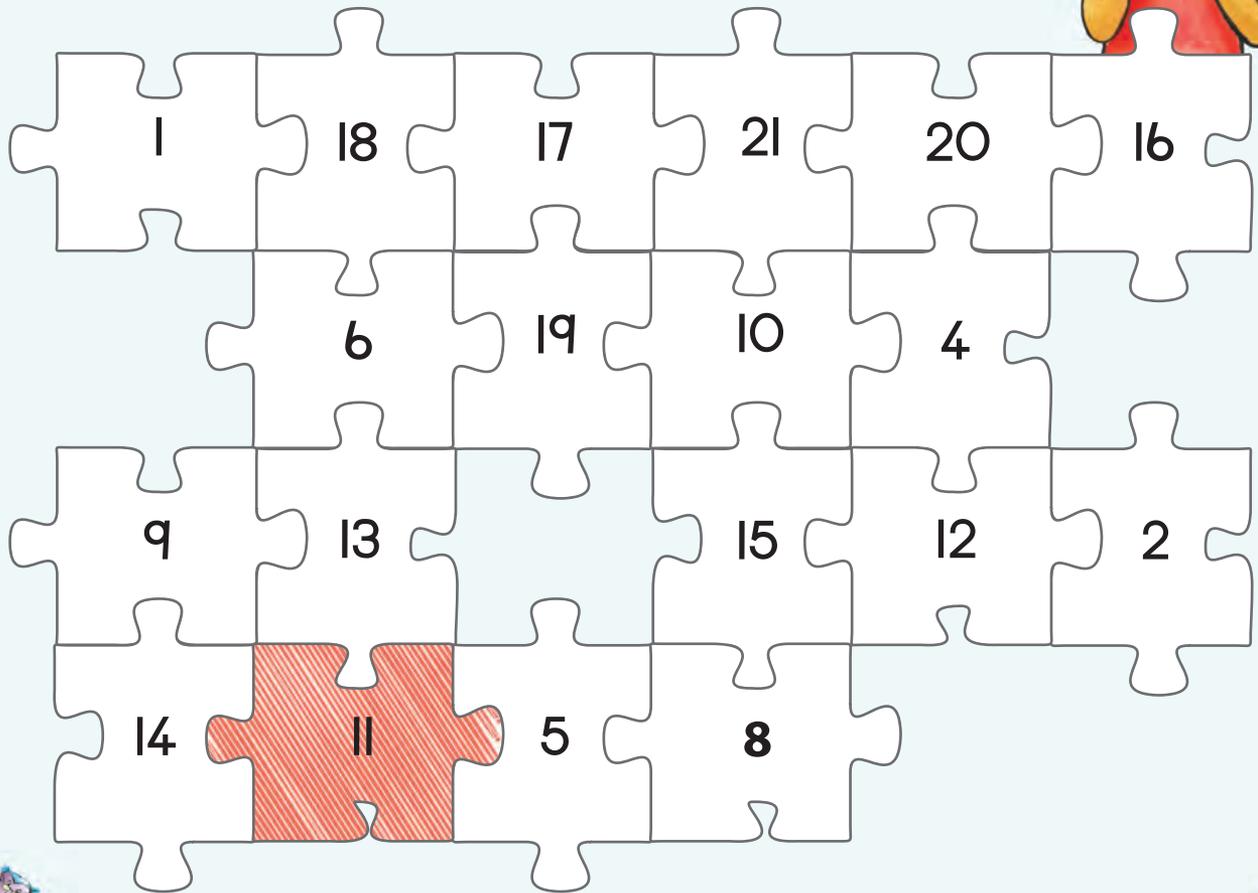
10 + 4 kube phuzi



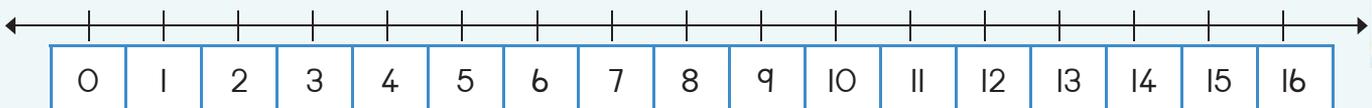
10 + 0 kube satshani



10 + 2 kube wolintshi



Khombisa ishumi nokune emgqeni wezinombolo:



11 12 13 14 15 16 17 18 19 20



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



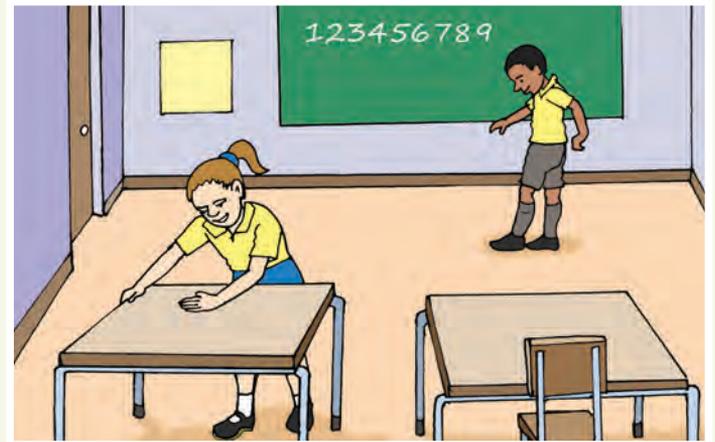


# Ubude



Kala ubude nobubanzi bedeski noma betafula ngobude besandla sakho. Zingaki izandla ezilingana ubude betafula?

Zingaki izandla ezilingana ububanzi balo?

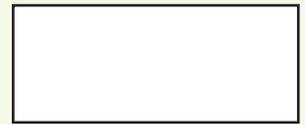
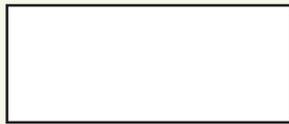
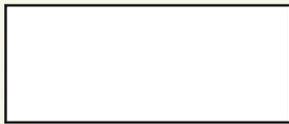
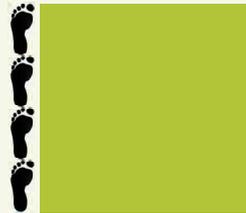
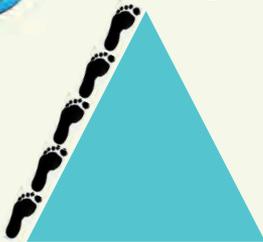


Ubude be- \_\_\_\_\_ buyizandla ezi- \_\_\_\_\_.

Ubude be- \_\_\_\_\_ buyizandla ezi- \_\_\_\_\_.



Zingaki izinyawo ezilingana uhlangothi?



Gcwalisa impendulo.

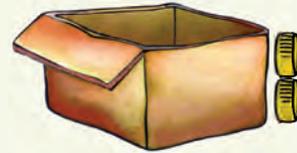
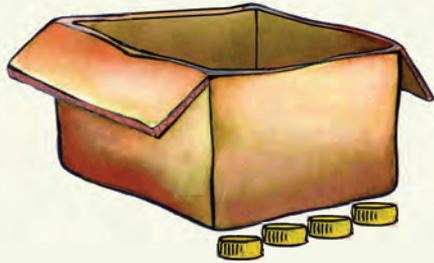


Ubude be- \_\_\_\_\_ buyizandla ezi- \_\_\_\_\_.





Leli bhokisi lide kangakanani futhi libanzi kangakanani?

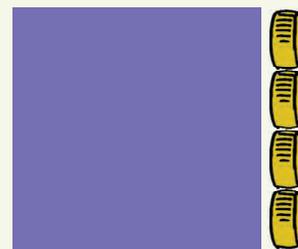
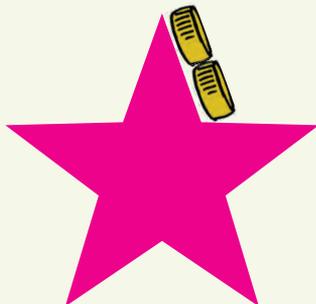
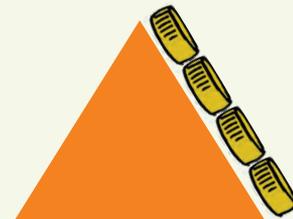


Ubude buyizivalo zamabhodlela ezi- \_\_\_\_\_.

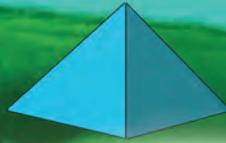
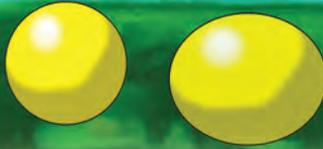
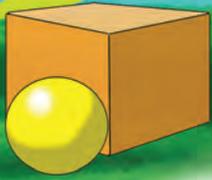
Ubude buyizivalo zamabhodlela ezi- \_\_\_\_\_.



Zingaki izivalo zamabhodlela ezilingana ubude bohlangothi?



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



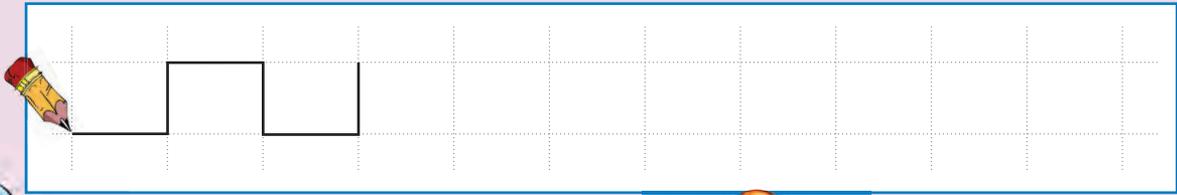
## Inombolo 16

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo bese uqedela iphethini.

7

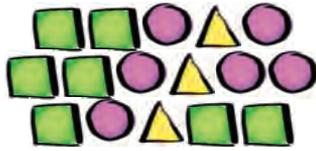
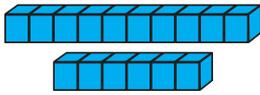
isikhombisa



Qondanisa izithombe.

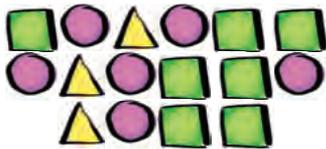


Bhala phezu kwezombolo.



16 16 16 16

ishumi nesithupha



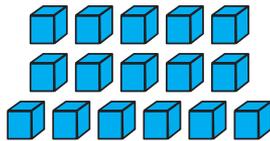
16

16 16 16 16

ishumi nesithupha

10

6



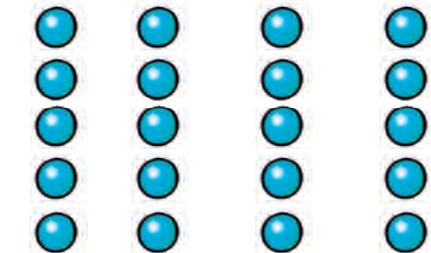
Kokelezela ubuhlalu obuyi-16 kuphela.

16



10

6



Bungaki obusele? \_\_\_\_





Dweba izinto eziyi-16.

Manje budwebe ngendlela ehlukile.



Grwalisa inombolo engekho.

2	3	4
19		21
17		19



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	16	
		ishumi nesithupha



Iyiphi inombolo encane ngokukodwa e-16? \_\_\_\_\_

Iyiphi inombolo engaphezulu ngokukodwa e-16? \_\_\_\_\_



Iyiphi inombolo encane ngokukodwa eshumini nesithupha?

Yini encane ngokubili eshumini nesithupha?

Iyiphi inombolo engaphezulu ngokukodwa eshumini nesithupha?

Yini enkulu ngokubili eshumini nesithupha?



Grwalisa izinombolo ezingekho.

10	9		7	6		4	3		1

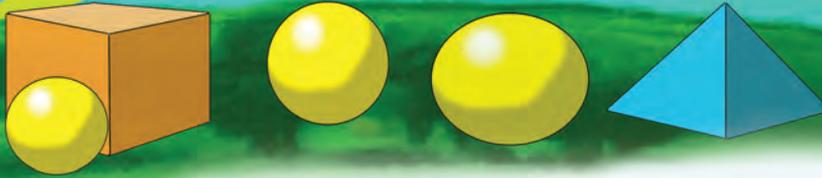


Teacher: \_\_\_\_\_

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

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





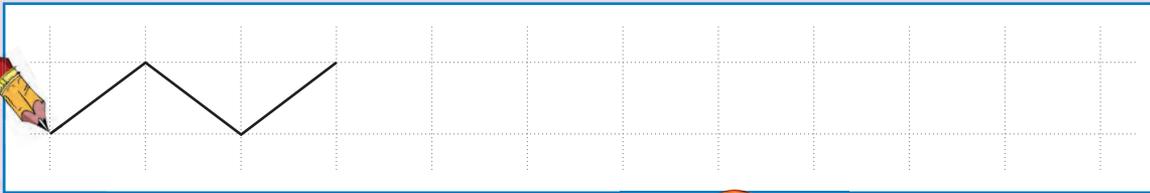
# Inombolo 17

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo bese uqedela iphethini.

8

isishiyagalombili



Qondanisa izithombe.



Bhala phezu kwezombolo.

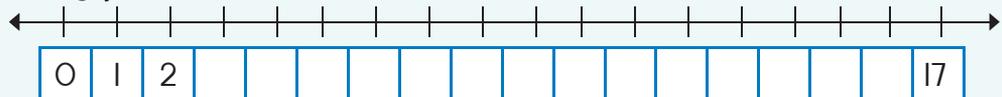
10 7
17

17
10 7

17 17 17 17
ishumi nesikhombisa
17 17 17 17
ishumi nesikhombisa



Qedela umugqa wezinombolo.





Dweba izinto eziyi-17.

Manje zidwebe ngendlela eyahlukile.



Iyiphi inombolo eza emva kwalena?

16	17	
24	25	
17	18	



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	17	
		ishumi nesikhombisa



Iyiphi inombolo encane ngokukodwa eshumini nesikhombisa?	
Yini encane ngokubili eshumini nesikhombisa?	
Iyiphi inombolo engaphezulu ngokukodwa eshumini nesikhombisa?	
Yini enkulu ngokubili eshumini nesikhombisa?	



Gcwalisa izinombolo ezingekho.

Lezi zinombolo ziphinde zibizwe ngogweje.

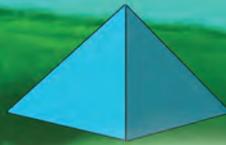
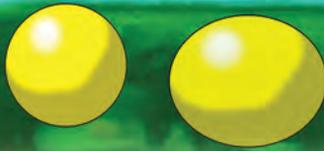
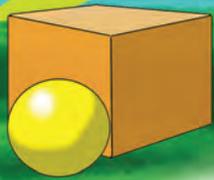
	2		4		6		8		10
	12		14		16		18		20

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

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

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





# Inombolo 18

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo bese uqedela iphethini.

9

isishiyagalolunye



Qondanisa izithombe.



Bhala phezu kwezinombolo.

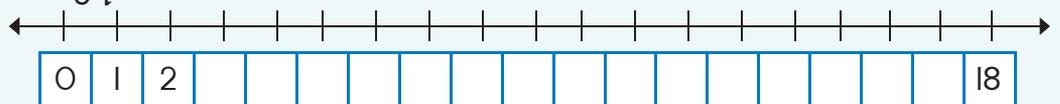
10 8
18

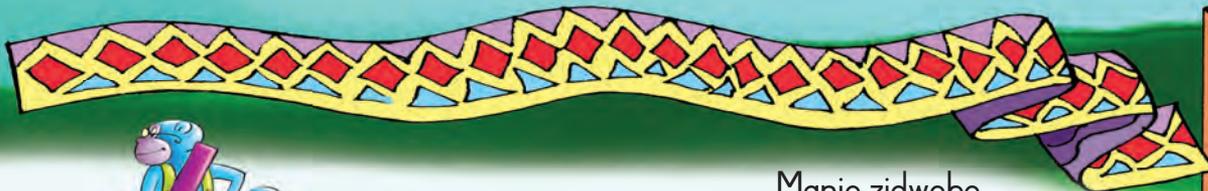
18
10 8

18 18 18 18
ishumi nesishiyagalombili
18 18 18 18
ishumi nesishiyagalombili



Qedela umugqa wezinombolo.





Dweba izinto eziyi-18.

Manje zidwebe ngendlela eyahlukile.



Iyiphi inombolo eza emva kwalena?

8	9	
33	34	
0	1	



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	18	
		ishumi nesishiyagalombili



Iyiphi inombolo encane ngokukodwa kokuyi-18?

Yini encane ngokubili e-18?

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-18?

Yini enkulu ngokubili e-18?

Gcwalisa izinombolo ezingekho.

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

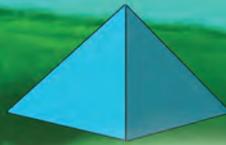
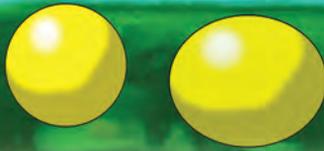
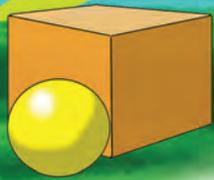


Teacher: \_\_\_\_\_

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

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





# Inombolo 19

Ukubuyekeza:

Zijwayeze ukubhala igama lenombolo bese uqedela iphethini.

10

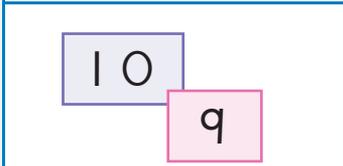
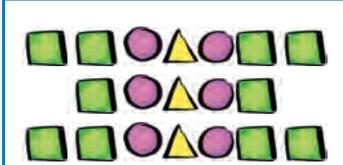
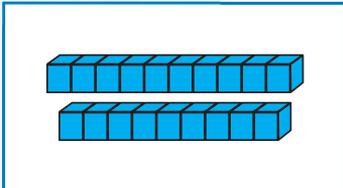
ishumi



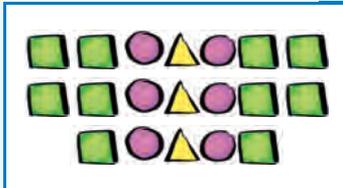
Qondanisa izithombe.



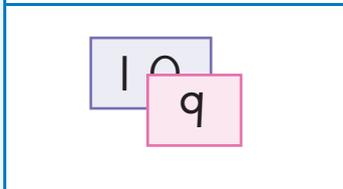
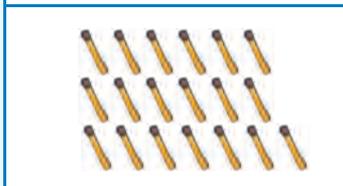
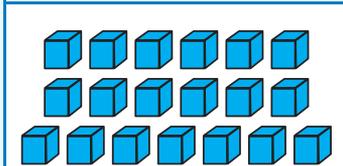
Bhala phezu kwezombolo.



19



19



19 19 19 19

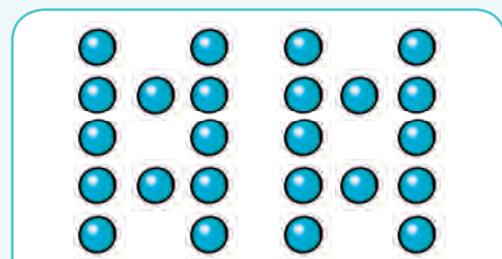
ishumi nesishiyagalolunye

19 19 19 19

ishumi nesishiyagalolunye



Kokelezela ubuhlalu obuyi-19 kuphela.



Bungaki obusele? \_\_\_



Dweba izinto eziyi-19.

Manje zidwebe ngendlela eyahlukile.



Iyiphi inombolo ephakathi kwalezi?

14		16
35		37
8		10



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	19	
		ishumi nesishiyagalolunye



Iyiphi inombolo encane ngokukodwa kokuyi-19?

Yini encane ngokubili e-19?

Iyiphi inombolo engaphezulu ngokukodwa kokuyi-19?

Yini enkulu ngokubili e-19?




Gcwalisa izinombolo ezingekho.

Kukhona nezinombolo ezingelona ugweje.

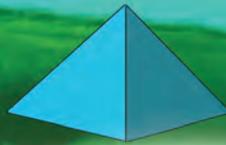
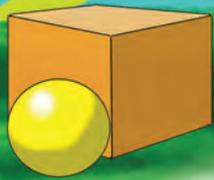
1		3		5		7		9	
11		13		15		17		19	

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

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

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





## Inombolo 20

Ithemu 4



Qondanisa izithombe.





Bhala phezu kwezinqombolo.

20 20 20 20

amashumi amabili

20 20 20 20

amashumi amabili



Kokelezela ubuhlalu obungama-20 kuphela.

Bungaki obusele? ____

Bungaki obusele? ____



Qedela ithebhula. Umugqa ngamunye unesithombe, inombolo kanye negama laleyo nombolo.

	20	amashumi amabili
		amashumi amabili
20		



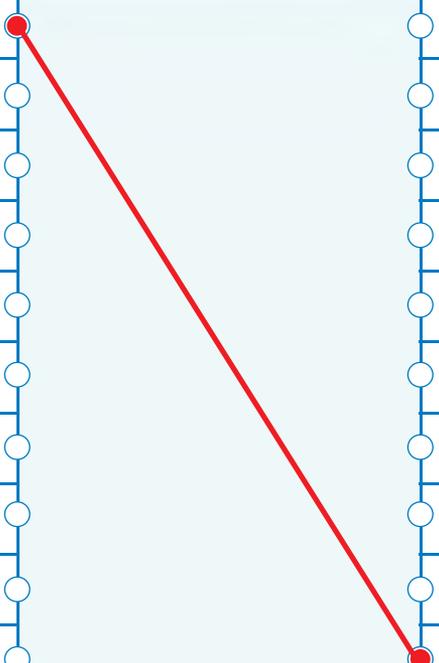
Iyiphi inombolo encane ngokukodwa kokungama-20? \_\_\_\_  
Iyiphi inombolo engaphezulu ngokukodwa kokungama-20? \_\_\_\_



Hlanganisa inombolo negama layo.

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

- kune
- isikhombisa
- isishiyagalolunye
- kuthathu
- ishumi nanye
- ishumi nambili
- kunye
- kubili
- isishiyagalombili
- zero
- kuhlanu
- isithupha
- ishumi nantathu
- ishumi
- ishumi nane



Cwalisisa inombolo engekho.

Ngaphambili		Ngemuva
16	17	
	12	
	14	
	9	10
	6	



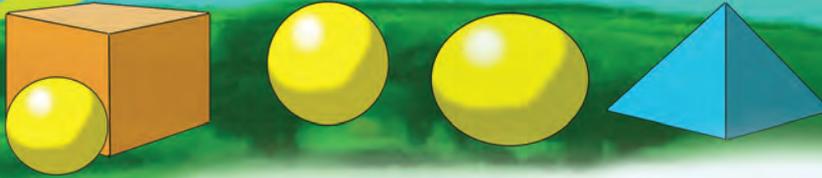
Sebenzisa amagama -ncane noma -khulu ukuqedela lokhu:

Ama-35 \_\_\_\_\_ kunama-38

Ama-79 ngoku- \_\_\_\_\_ kunama-65

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





# Ukuhlanganisa

Ithemu 4



Kokelezela inombolo enkudlwana ebhulokhini ngalinye.

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



Yengeza ngalokhu okulandelayo.  
Qala ngenombolo enkulu kunazo zonke kuqala.

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



Yengeza amabhulokhi.

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



Bhala umusho wezinombolo ngalokhu:

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





Bhala umusho wezinombolo walokhu ngakunye:

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

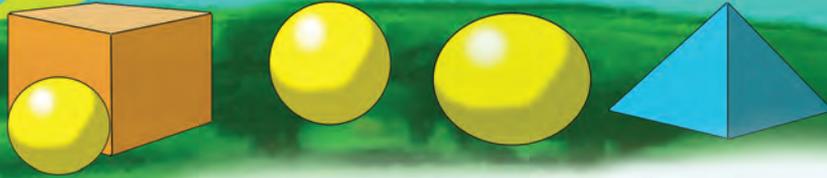


Cicwalisa izinombolo ezingekho.

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



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



# Ukususa

Ithemu 4



Bala.

17
19
14
12




Bhala umusho wezinombolo.

--



Bhala umusho wezinombolo.

--



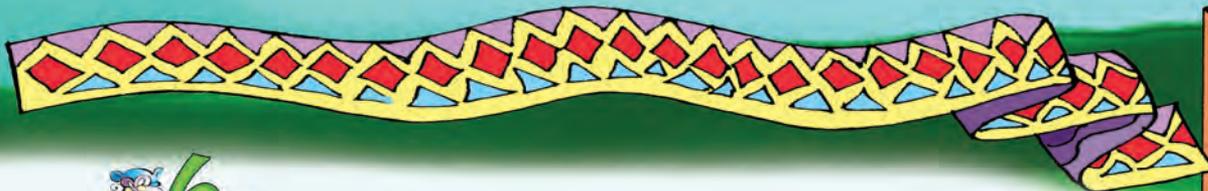
Bala.

18
7
15
9

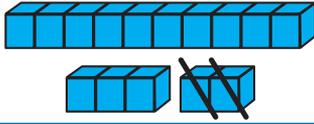
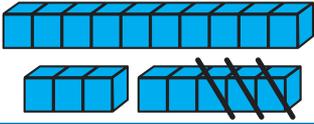
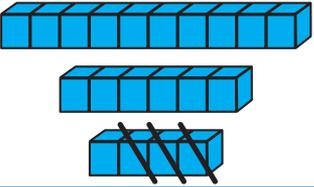



Qedela izibalo usebenzisa umdwebo.

 $16 - \square = \square$ 
 $10 + \square = \square$ 

Susa amabhulokhi.

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



Bala lokhu okulandelayo:

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



Bala lokhu okulandelayo:

Phinda kabili oku-5 uzothola <input style="width: 50px; height: 30px;" type="text"/>	Phinda kabili oku-3 uzothola <input style="width: 50px; height: 30px;" type="text"/>	Phinda kabili oku-4 uzothola <input style="width: 50px; height: 30px;" type="text"/>
Phinda kabili okuyi-7 uzothola <input style="width: 50px; height: 30px;" type="text"/>	Phinda kabili okuyi-2 uzothola <input style="width: 50px; height: 30px;" type="text"/>	Phinda kabili okuyi-8 uzothola <input style="width: 50px; height: 30px;" type="text"/>
Phinda kabili okuyi-10 uzothola <input style="width: 50px; height: 30px;" type="text"/>	Phinda kabili okuyi-9 uzothola <input style="width: 50px; height: 30px;" type="text"/>	Phinda kabili oku-1 uzothola <input style="width: 50px; height: 30px;" type="text"/>



Nikeza impendulo yalokhu:

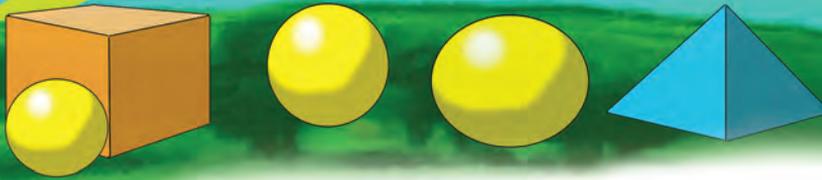
$9 + 9 - 1 =$	noma	$Phinda kabili 9 - 1 =$	
	noma	$Phinda kabili 5 - 1 =$	
$4 + 4 - 1 =$	noma		

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

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

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





## Ukuhlanganisa nokususa



Bala inani lamakati athamele ilanga.  
Ebusuku amanye awo ayahamba ayolala emva kodonga.  
Thola ukuthi mangaki asele emuva bese ubhala inani phansi.

→

$$3 + \square = 8$$

→

$$4 + \square = \square$$


Xazulula lokhu okulandelayo.  
Ungawenza umdwebo ukuze kube lula.



ULeta unamawolintshi ama-4. UPheza une-13 lamawolintshi.  
Mangaki amawolintshi esewonke?

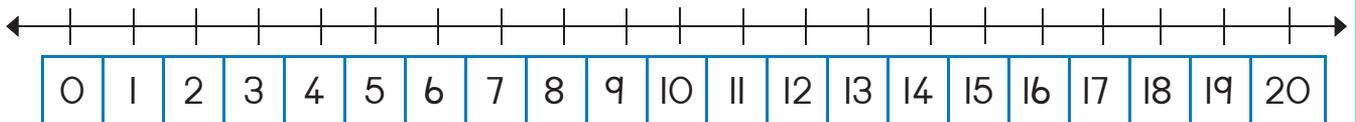
UMandla unamapensela ama-5. U-Amahle unamapensela ayi-8.  
Ngubani onayingcosane kunomunye?



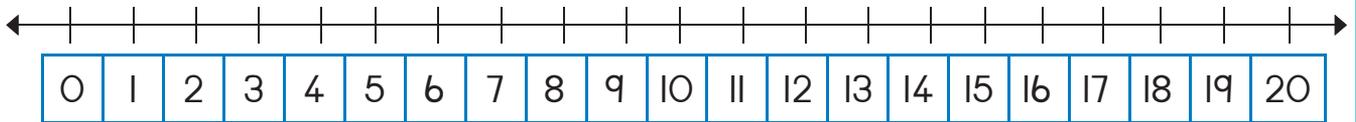


Sebenzisa umugqa wezinombolo ukuxazulula lokhu okulandelayo.

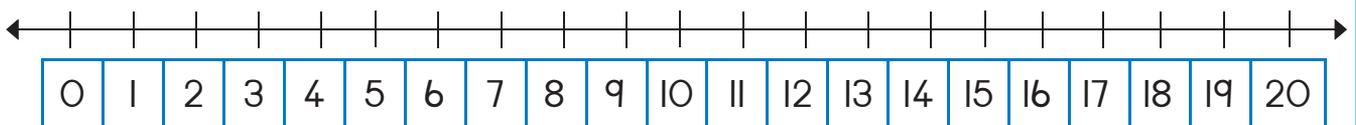
UThandi unezimabule eziyi-6 eziluhlaza okotshani, neziyi-9 eziluhlaza okwesibhakabhaka. Zingaki izimabule anazo sezisonke?



ULeta unezimabule eziyi-16. Eziyi-8 ziluhlaza okotshana kanti ezinye ziluhlaza okwesibhakabhaka. Zingaki izimabule eziluhlaza okwesibhakabhaka?



UThandi unobhanana abayi-19. UThemba unabayi-10. Bangaki obhanana uThandi anabo ukwedlula uThemba?



Yiziphi izinombolo eziphakathi kwama-25 nama-30?

Kokelezela inombolo enkulu ngoku-1 ema-76.

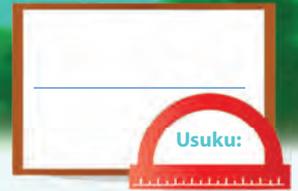
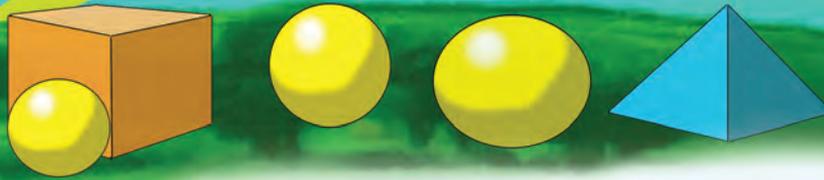


Kokelezela inombolo enkulu ngoku-2 ema-76.



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





## Izinombolo ezingama - odinali



Ngubani ophume phambili emqhudelwaneni?  
Bhala indlela anqobe ngayo ngezansi.

uSipho




uLeta



2

uJohane



3

uPheza




uMimi





Badwebe bemi  
ephodiyamu.



Ngubani othole igolide? \_\_\_\_\_

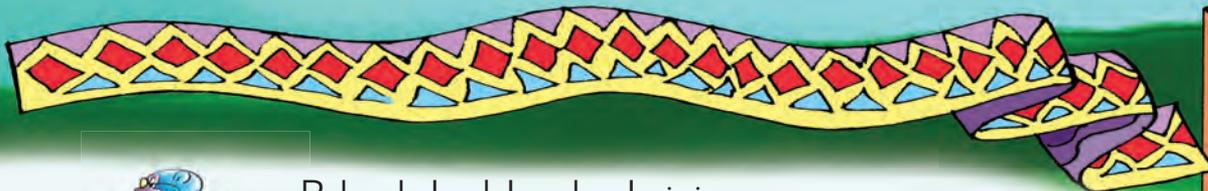
Ngubani othole isiliva? \_\_\_\_\_



Dweba ubuhlalu kanje:

Ubuhlalu bokuqala buluhlaza okwesibhakabhaka.  
Obesibili ubuhlalu bubomvu.  
Obesithathu buluhlaza okotshani.  
Obesine buphuzi.  
Obesihlanu buluhlaza okwesibhakabhaka.  
Obesithupha bubomvu.  
Obesikhombisa buluhlaza okotshani.  
Obesishiyagalombili buphuzi.  
Obesishiyagalolunye buluhlaza okwesibhakabhaka.  
Obeshumi bubomvu.

Ubuhlalu bami.



Buka ukulandelana kwalezi zimo.  
Zikopishe ezindaweni ezifanele ethebhuleni.  
Sikwenzele okokuqala.



Yisiphi isimo:

esingesesine		esingesesikhombisa	
esingesesihlanu		esingesesishiyagalolunye	
esingesesibili		esingesokugcina	
esingesesithathu		esingesesithupha	



Yenza lokhu okulandelayo:



Faka umbala obomvu esiyingini sokuqala.



Faka umbala ophuzi esiyingini sesihlanu.



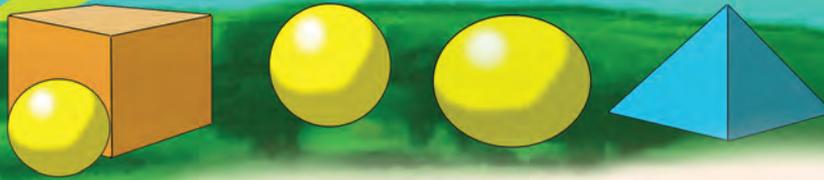
Faka umbala oluhlaza okwesibhakabhaka esiyingini sesishiyagalombili.



Dweba umugqa wezinombolo ezingama-10 kuya ema-20.  
Kokelezela inombolo yesithathu kanye neyesishiyagalombili.

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

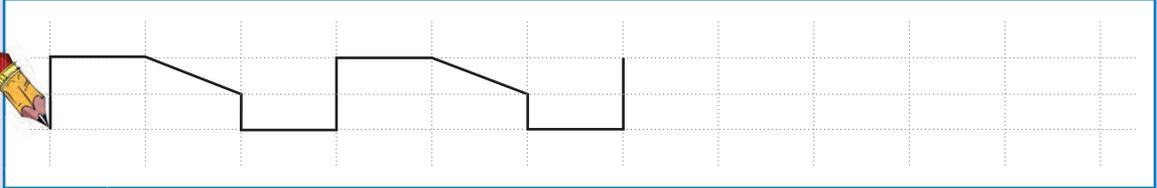




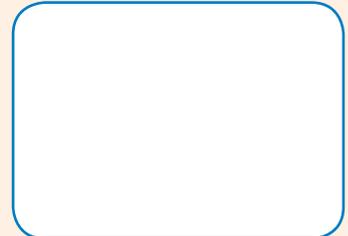
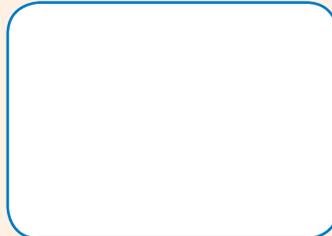
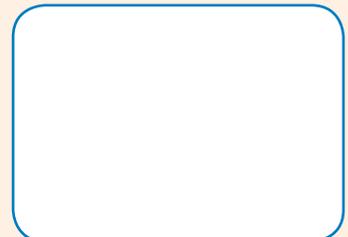
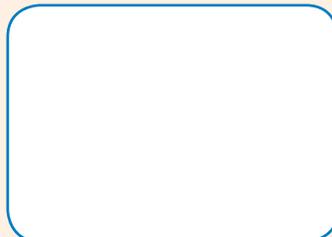
# Izinto nezimo

Ukubuyekeza:

Ukubuyekeza: Qedela iphethini.



Thola izithombe ezimbili zebhola nezimbili zebhokisi ephephandabeni noma ephephabhukwini uzibeke ngezansi.



Dweba isiyingi esiluhlaza okwesibhakabhaka ukokelezele izinto ezishibilikayo. Dweba isikwele esibomvu ukokelezele izinto ezizingqikayo.





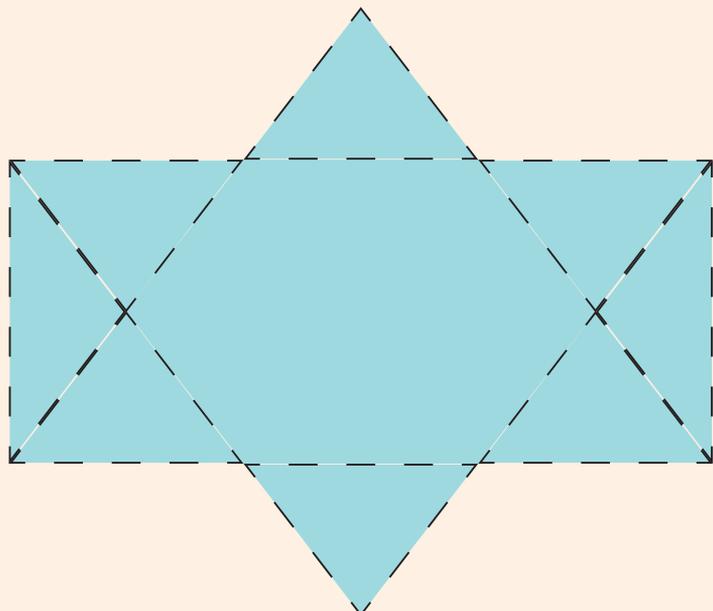
Bhala phezu kwegama bese udweba le nto.

ibhokisi

ibhola



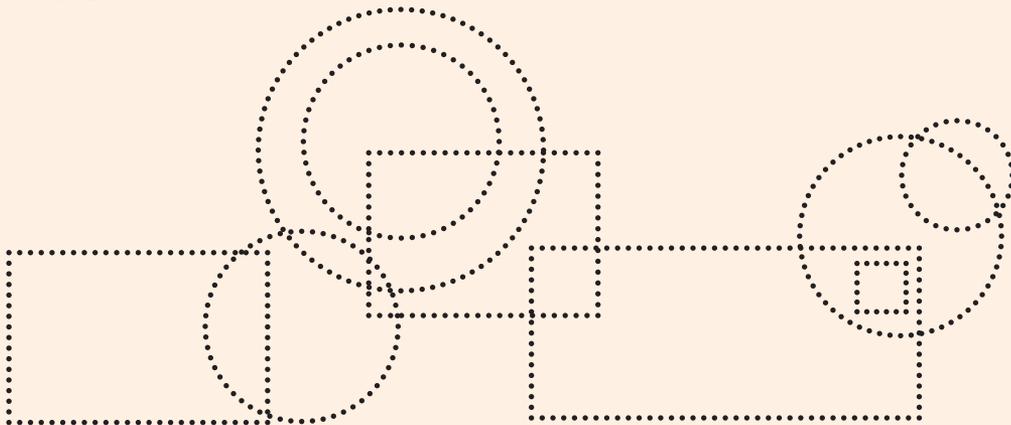
Bala bonke onxantathu bese ubhala inombolo.



Impendulo:



Bala izimo.



Iziyingi

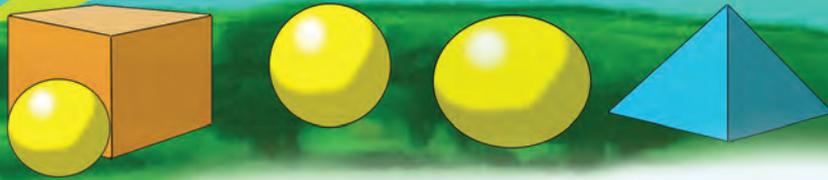
Izikwele

Teacher:

Sign:

Date:





## Imali

Ithemu 4



Yiziphi izinhlamvu zemali ongaziqondanisa?



Thikha imali eyizinhlamvu kanye nengamaphepha ebhulokhini ngalinye elinemali ezokunika la manani alandelayo:

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





Susa ama-R2.

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



Susa ama-R5.

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



Zingaki izinhlobo zemidwebo ongazenza ukuthola ama-R20?  
Sikwenzele okokuqala.



Kokelezela uhlamvu lwemali emgqeni ngamunye ongathenga okuningi ngalo.

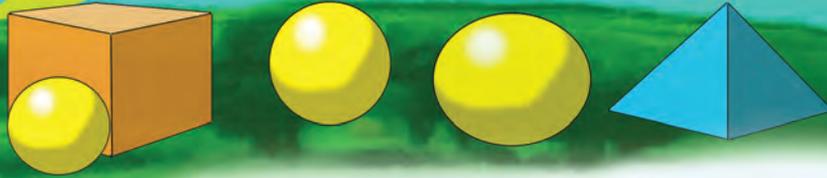



Teacher: \_\_\_\_\_

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

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





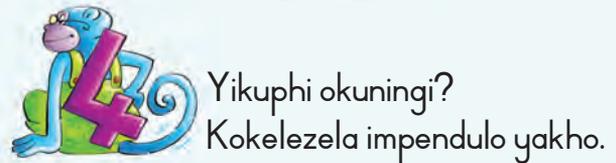
# Okunye ngemali

Ithemu 4



R5	+ R7	
R9		
R7		
R4		

RI3	- R6	
RI5		
RI7		
RI4		



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

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



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





Buka isibonelo  
bese uqedela  
okulandelayo.

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



UJakobe uthenge isinkwa  
ngama-R8. Usikhokhele ngama-R10  
ayiphepha. Ubuyelwe wushintshi  
wamalini?

Uthini umbuzo?

---



---

Bhala izinombolo.

---

Bhala isibalo bese usenza.

---



Umama kaBusi uthenge isigqoko  
ngama-R17. Ukhokhe ama-R10  
amabili angamaphepha. Ubuyelwe  
wushintshi wamalini?

Uthini umbuzo?

---



---

Bhala izinombolo.

---

Bhala isibalo bese usenza.

---



Usuku lukaJudi lokuzalwa  
lungeSonto. Uphiwe ama-R5  
ngudadewabo, ama-R2 ngumfowabo  
kanye nama-R10 awaphiwe  
ngumzala. Uthole malini seyiyonke?

Uthini umbuzo?

---



---

Bhala izinombolo.

---

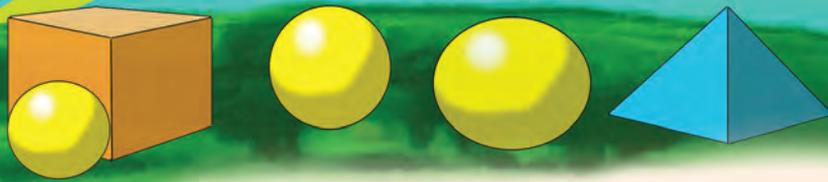
Bhala isibalo bese usenza.

---



Teacher:  
Sign:  
Date:



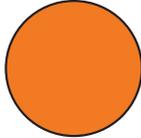
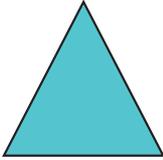
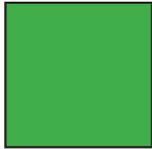


# Izimo ezingonhlangothi - mbili

Ithemu 4

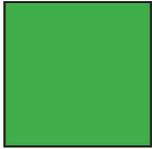
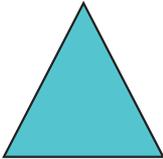
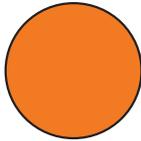


Beka uphawu lokuthikha esimeni esincane kunazo zonke ebhulokhini.



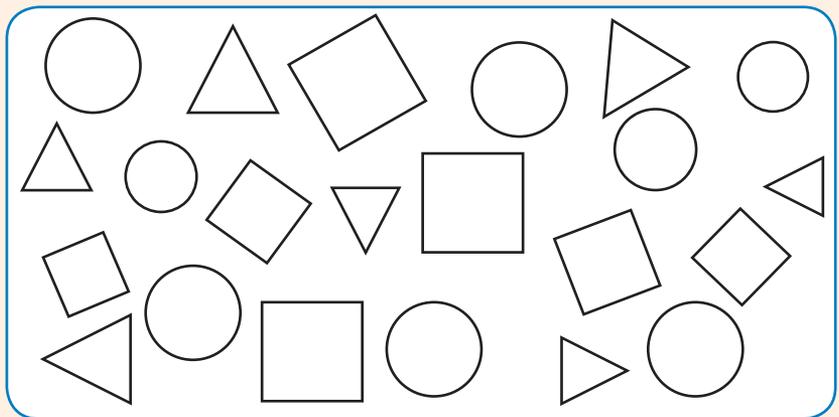
Beka uphawu lokuthikha esimeni esikhulu kunazo zonke ebhulokhini.

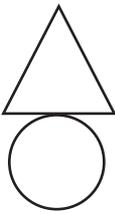
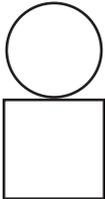


Faka umbala kukho konke lokhu:

- izikwele zibe luhlaza
- okwesibhakabhaka
- onxantathu babe bomvu
- iziyingi zibe luhlaza okotshani



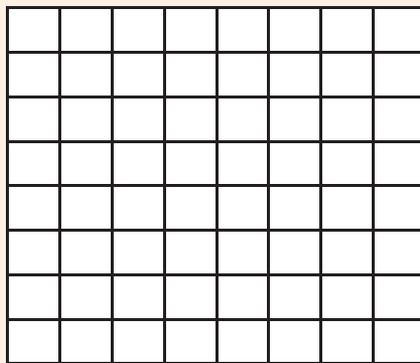
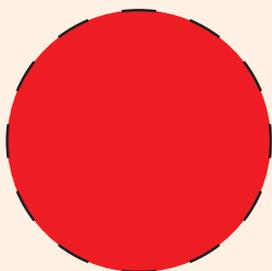
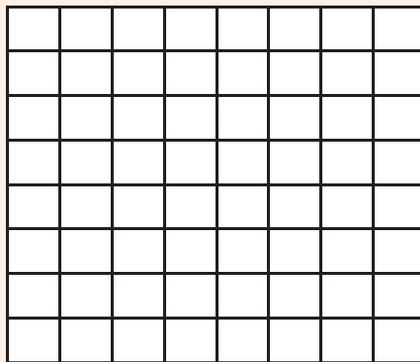
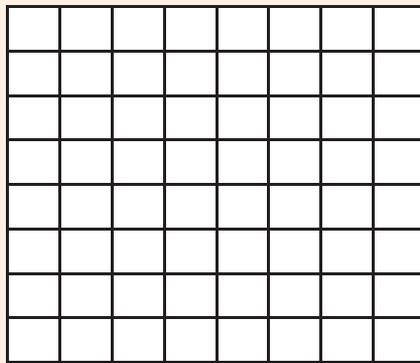
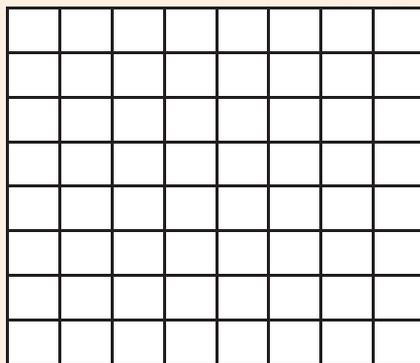
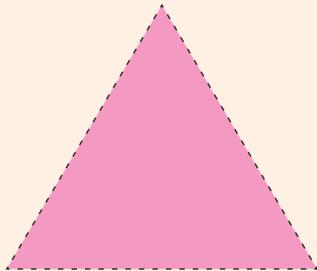
Yenza isithombe usebenzisa izimo. Sikuqalele isithombe ngasinye ngezimo ezi-2.

		
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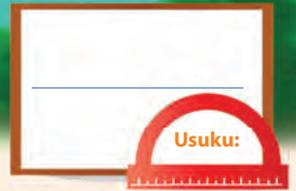
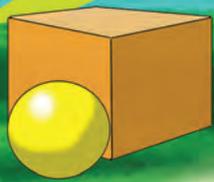


Dweba izimo ezikugridi.  
Sebenzisa izikwele ezincane.



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





# Izimo ezingonhlangothi - mbili – nezinezihlangothi eziqondile kanye nezigobile



Bhala phezulu kwalezi zimo.

 unxantathu	 isiyingi	 isikwele
 isiyingi	 unxantathu	 isikwele



Beka uphawu lokuthikha usho ukuthi isimo sinezinhlangothi eziqondile noma ezigobile yini.

 izihlangothi eziyindilinga <input type="checkbox"/> izihlangothi eziqondile <input type="checkbox"/>	 izihlangothi eziyindilinga <input type="checkbox"/> izihlangothi eziqondile <input type="checkbox"/>	 izihlangothi eziyindilinga <input type="checkbox"/> izihlangothi eziqondile <input type="checkbox"/>
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Dweba isimo esinalokhu:

izihlangothi eziqondile	izihlangothi eziyindilinga
-------------------------	----------------------------



Bala inani leziyingi, izikwele kanye nawonxantathu.


Isiyingi

Isikwele

Unxantathu



Thola isithombe ephephabhukwini sibe nalokhu:

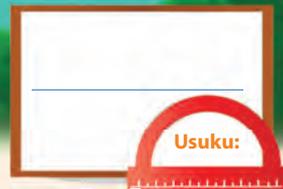
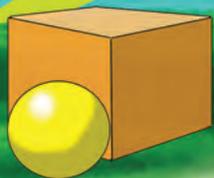
izinhlangothi eziyindilinga

izinhlangothi eziqondile

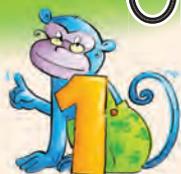


Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

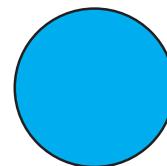
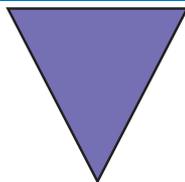
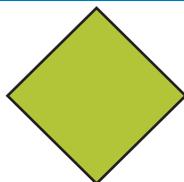
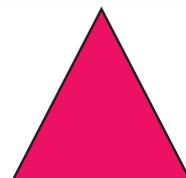
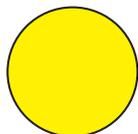




# Okunye ngezimo ezingonhlangothi - mbili



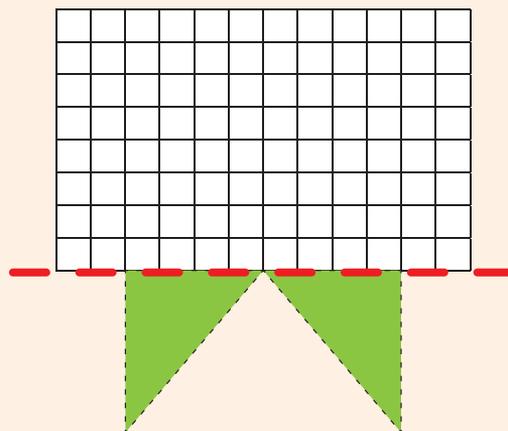
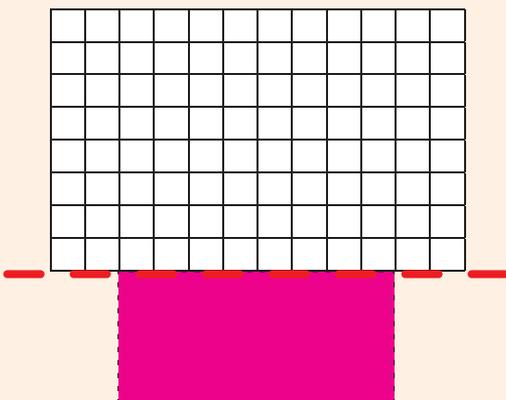
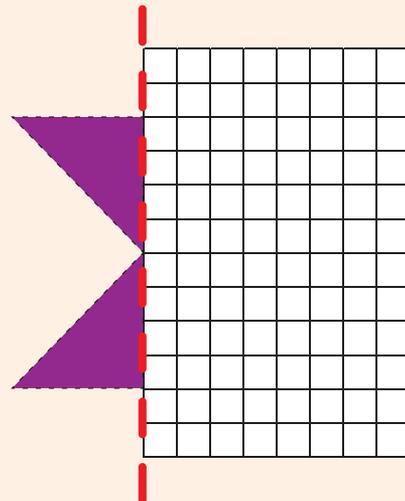
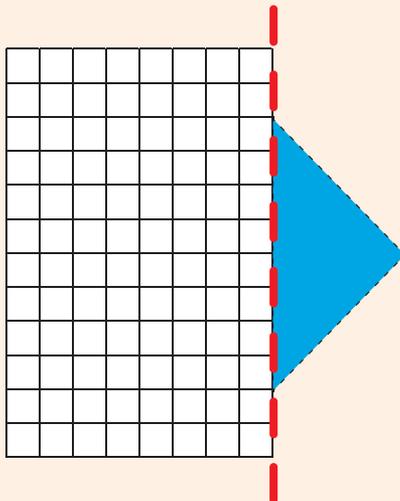
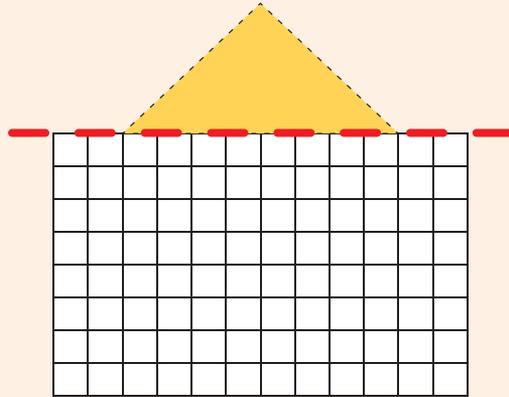
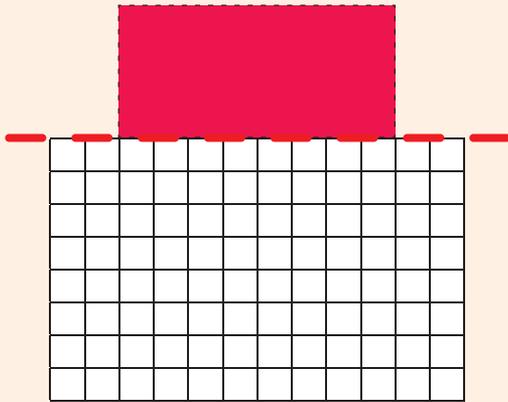
Nikeza amagama alezi zimo:



Dweba isithombe sakho usebenzisa iziyingi, onxantathu kanye nezikwele.



Dweba omunye uhhafu wesimo ngasinye.  
Sebenzisa izikwele ezincane.



Zonke zinezinhlangothi

eziqondile

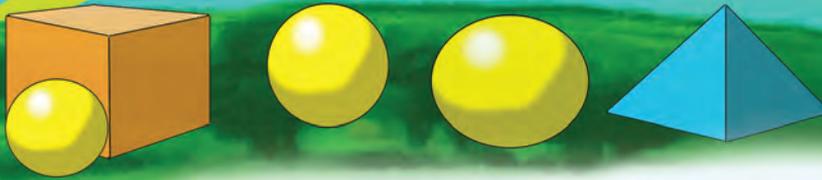
eziyindilinga .



Teacher:  
Sign:

Date:





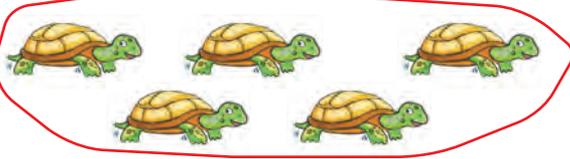
# Amaqoqo okungakuhlani kufinyelele ema-20

Ithemu 4



Dweba iziyingi uzenze amaqoqo okungakuhlani.  
Mangaki amaqoqo okungakuhlani onawo?

Iqoqo eli-  elinokungaku-5



amaqoqo anokungaku-5



amaqoqo anokungaku-5



amaqoqo anokungaku-5



Bala inani leminwe. Bhala phansi impendulo yakho.



$5 + 5 + 5 =$



$5 + 5 + 5 + 5 =$



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



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





Bhala umusho wezinombolo walokhu ngakunye:



Phendula imibuzo.



Zingaki izinhlamvu zama-5c ozibonayo?

Zibhale zibe wumusho wezinombolo:



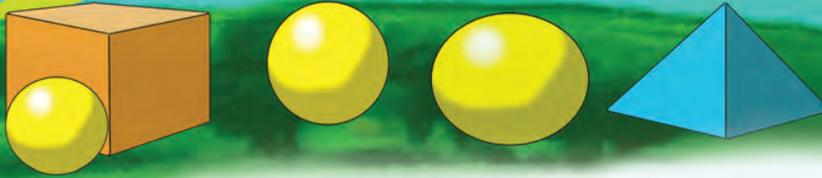
Gcwalisa izinombolo ezingekho.

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



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





# Okungakuhlano – ukuhlanganisa okuphindaphindiwe okufinyelela ema-20

Yenza amaqoqo okungakuhlano ubhale umusho wezinombolo ngawo.

Ithemu 4



Dweba amaqoqo ezimo ukukhombisa umusho wezinombolo.

$$\boxed{5} + \boxed{5} + \boxed{5} = \boxed{\phantom{00}}$$

$$\boxed{5} + \boxed{5} + \boxed{5} + \boxed{5} = \boxed{\phantom{00}}$$

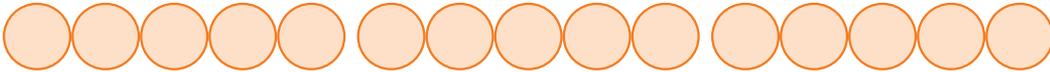


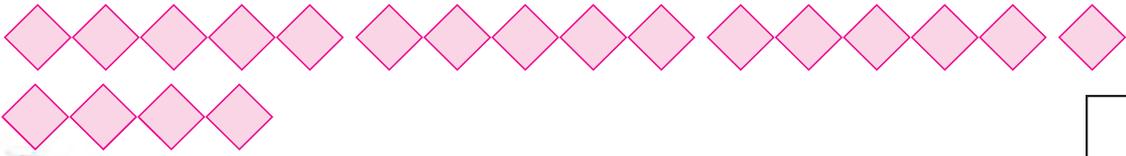


Bhala umusho wezinombolo walokhu ngakunye:


  
 $5 + 5 = \square$

  
 $\square$

  
 $\square$

  
 $\square$



Okuhlana kuvela kangaki uma ubala izinombolo? \_\_\_\_\_

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



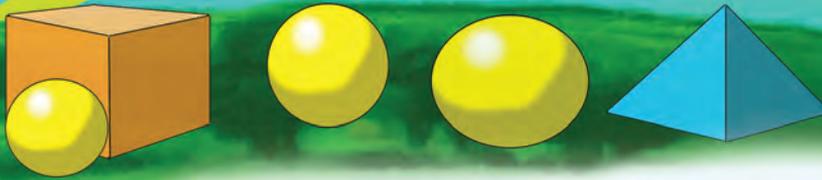
Kunezandla ezi-3 efasiteleni. Mingaki iminwe esefasiteleni?  
Dweba isithombe ubhale ngaso umusho wezinombolo.

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

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

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





# Ukwabelana okufinyelela ema - 20

Ithemu 4



Yabela abangani abahlanu amaswidi.  
Mangaki amaswidi azotholwa ngumngani ngamunye?

Umngani ngamunye uzothola amaswidi a-



Faka umbala iziphindaphindi zokuhlenu.

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



Gcwalisa izinombolo ezingekho.

11  12  13  14  16  18  19





Yenza umdwebo ukukhombisa okulandelayo.  
Ngabe zikhona izibali ezisalayo?

<p>Yabela abantwana abahlanu izibali eziyi-10.</p> <p>Kusala izibali ezi- <input type="text"/> .</p>	<p>Yabela abantwana abahlanu izibali eziyi-6.</p> <p>Kusala izibali ezi- <input type="text"/> .</p>
<p>Yabela abantwana abahlanu izibali eziyi-11.</p> <p>Kusala izibali ezi- <input type="text"/> .</p>	<p>Yabela abantwana abahlanu izibali eziyi-16.</p> <p>Kusala izibali ezi- <input type="text"/> .</p>



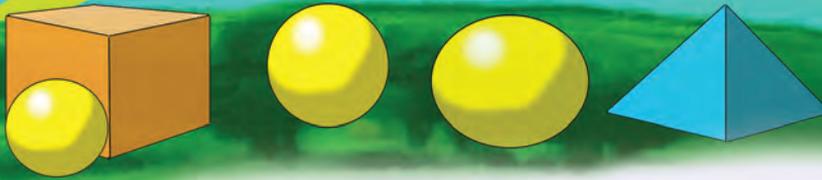
Bhala umusho wezinombolo walokhu ngakunye:

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



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





# Amaphethini ezinombolo – 5 kuya e-100



Qedela iphethini ngokufaka umbala ngeziphindaphindi zokuhlana.

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

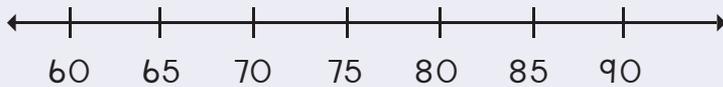


Dweba ihuphu ukukhombisa lokhu okulandelayo:

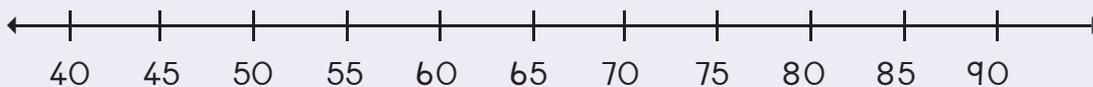
86, 88, 90



70, 75, 80



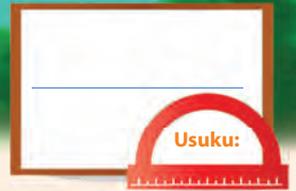
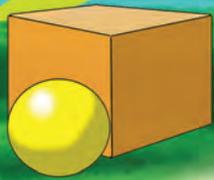
55, 60, 65, 70



Sebenzisa iwashi ukukhombisa ukubala kwalo imizuzu ngamihlanu.







# Isikhundla kanye nendlela okuvela ngayo



Qondanisa ingaphambili lesilwane nengemuva laso.

Ingaphambili



Ingemuva



Kokelezela umcibisholo ofana nalo osendaweni ehlikihliwe.

↑
↓
←
→

→	←	↑	↓
↑	↓	→	←
→	←	↑	↓
↑	←	↓	→





Faka umbala okhombisa ukuthi sibukwa ngaphi isilwane.



Ingaphezulu

Uhlangothi

Ingaphambili



Ingaphezulu

Uhlangothi

Ingaphambili



Ingemuva

Uhlangothi

Ingaphambili



Lingaphi ikati?

Faka umbala empendulweni efanele.



Lingemuva

Lingaphambili

Liseceleni



Lingemuva

Lingaphambili

Liseceleni



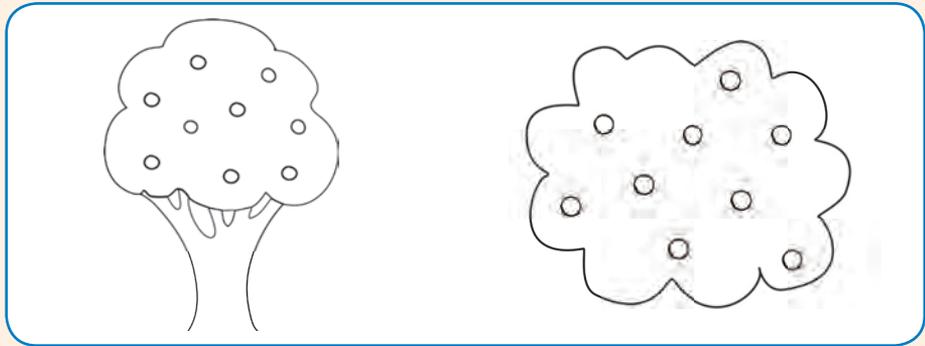
Lingemuva

Lingaphambili

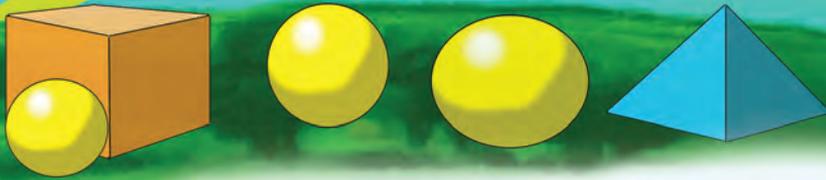
Liseceleni



Buka izithombe ezintathu. Faka umbala kulokhu lapho kuvelelwe ngaphezulu.



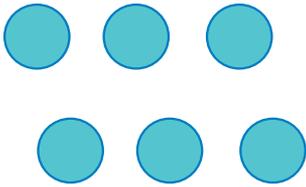
Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

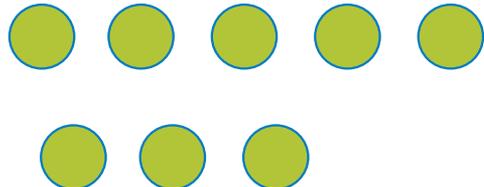


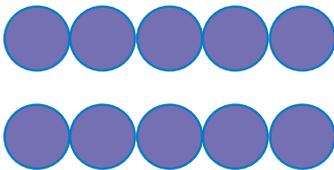
# Amaqoqo anokungakubili kufinyelela ema - 20

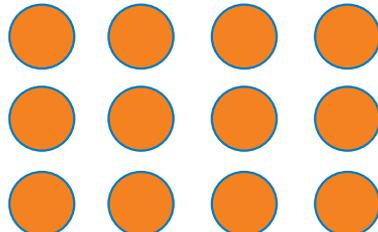


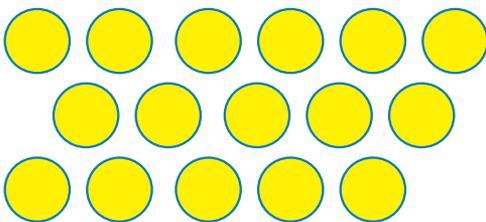
Yenza amaqoqo anokungakubili. Bhala phansi inani lamaqoqo.

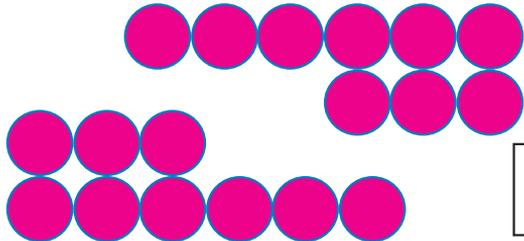






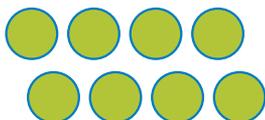
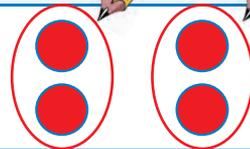


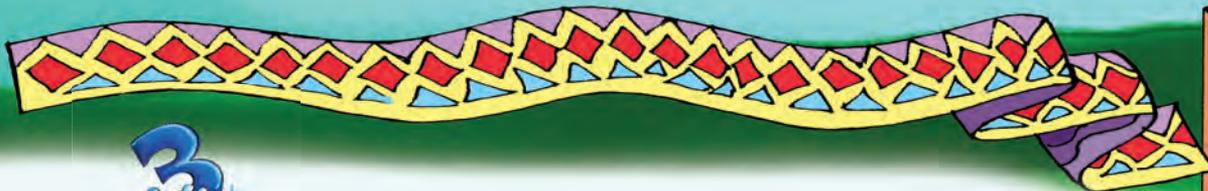






Yenza amaqoqo ezinto ezingambili. Dweba amaqoqo.



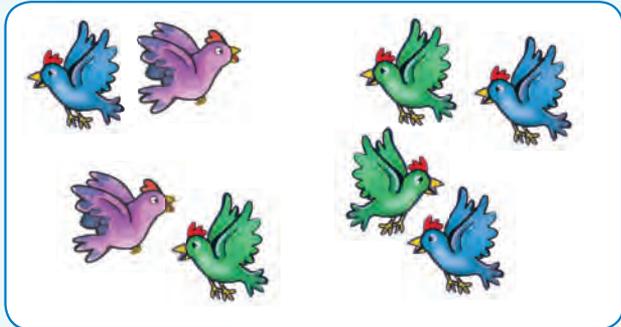


Phendula imibuzo.

Zingaki izinyoni?

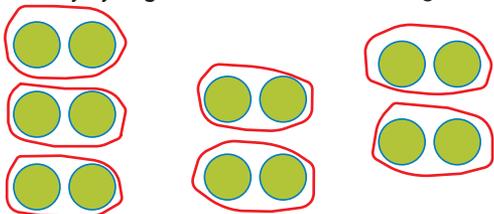
Mangaki amaqoqo ezinto ezingambili ongawenza?

Bhala umusho wezinombolo.



Dweba iziyingi ukwenza lokhu okulandelayo:

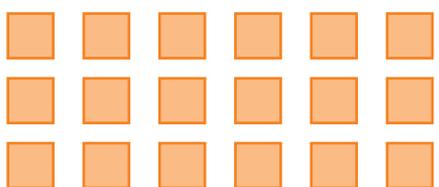
amaqoqo ayi-7 ezinto ezihamba nga-2



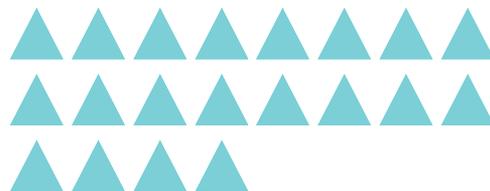
amaqoqo ayi-8 ezinto ezihamba nga-2



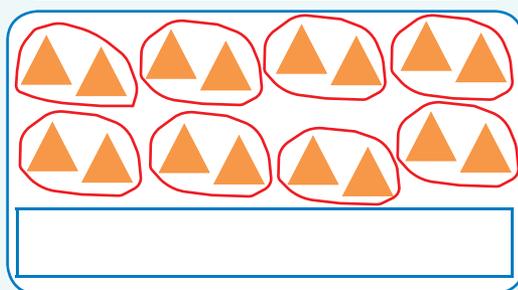
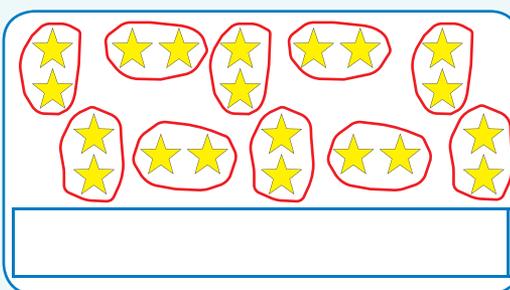
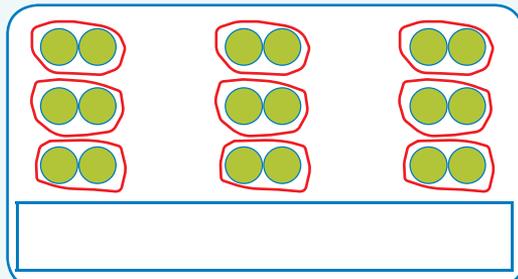
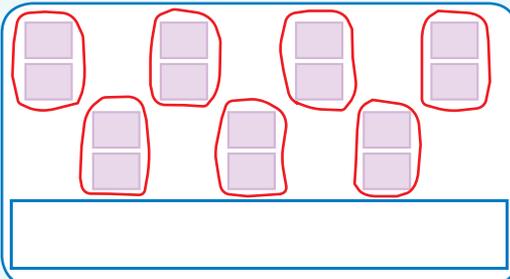
amaqoqo ayi-9 ezinto ezihamba nga-2



amaqoqo ayi-10 ezinto ezihamba nga-2

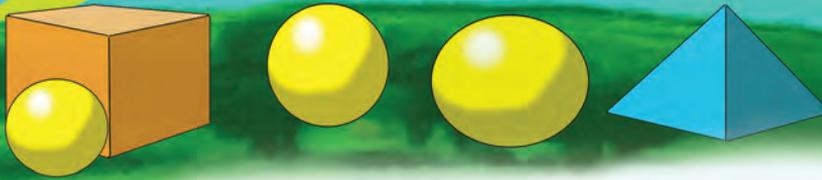


Bhala umusho wezinombolo ngalokhu:



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



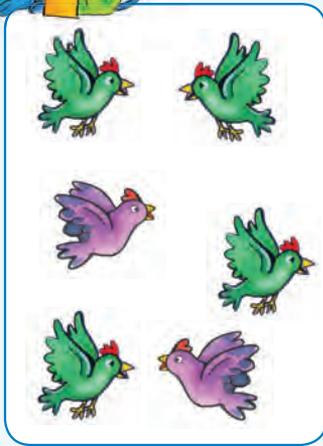


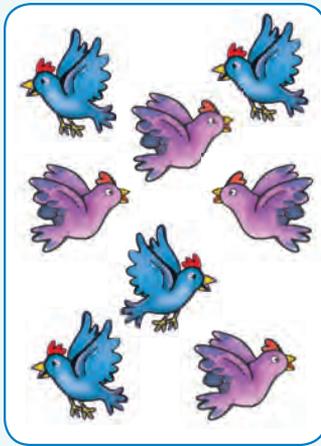
# Okungakubili – ukuhlanganisa

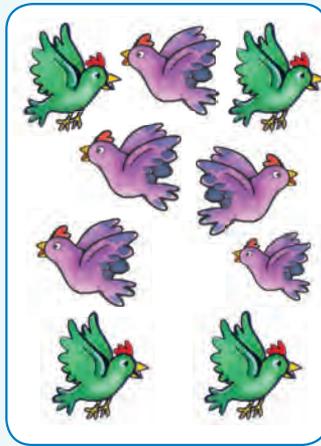
## okuphindaphindekayo kufinyelele ema-20

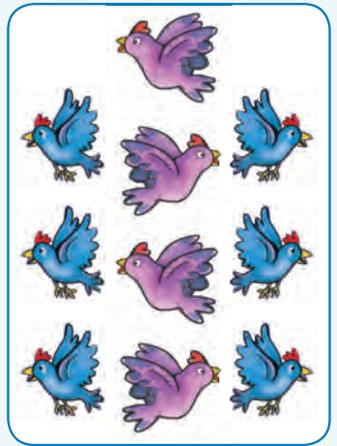
Mingaki imilenze? Bhala umusho wezinombolo walokhu ngakunye.

Ithemu 4











Dweba izimo zalokhu okulandelayo:

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



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

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

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





Bhala umusho wezinombolo ngalokhu:

12 blue circles

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

15 red circles

18 purple circles

17 green circles



Faka umbala eziphindaphindini zokubili.

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



Nginamaphakethe ayi-6 anamaswidi ama-2 ephaketheni ngalinye. Mangaki amaswidi enginawo esewonke? Dweba isithombe bese ubhala umusho wezinombolo.

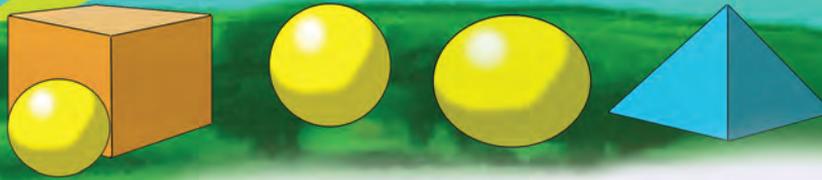
Blank box for drawing.

Nginamaswidi a-  .



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





# Amaphethini ezinombolo – okungakubili kufinyelele e-100

Ithemu 4



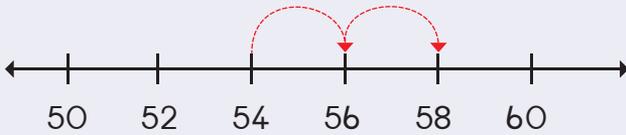
Qedela iphethini ngokufaka izinombolo umbala.

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

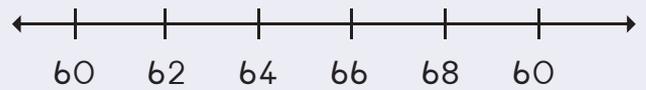


Dweba amahuphu ukukhombisa okulandelayo:

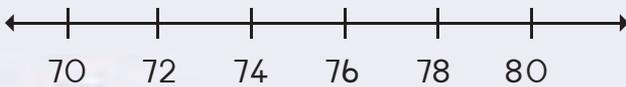
54, 56, 58



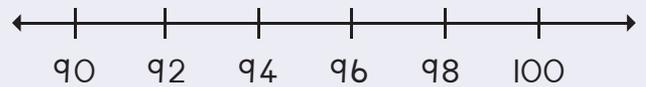
64, 66, 68



74, 76, 78



94, 96, 98

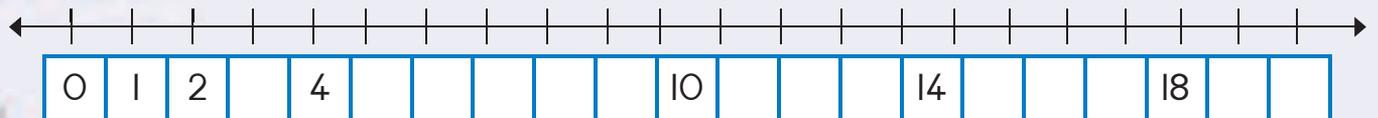


Gcwalisa izinombolo ezingekho. Faka umbala iphethini lalokhu: 2, 4...

I		3				7			10
II						17			20



Qedela umugqa wezinombolo.





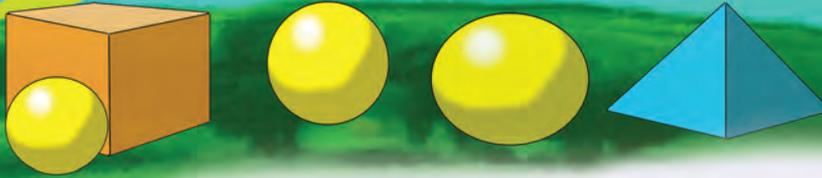
Sika izinombolo kulokhu Okusikwayo kwesi-2 uzibeke emggeni wezinombolo lapho zingekho khona izinombolo. Buye uqedele amahuphu.

Four vertical number lines for counting practice, each with 11 boxes. Red dashed arrows indicate the direction of counting (up and down).

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

Teacher:  
Sign:  
Date:



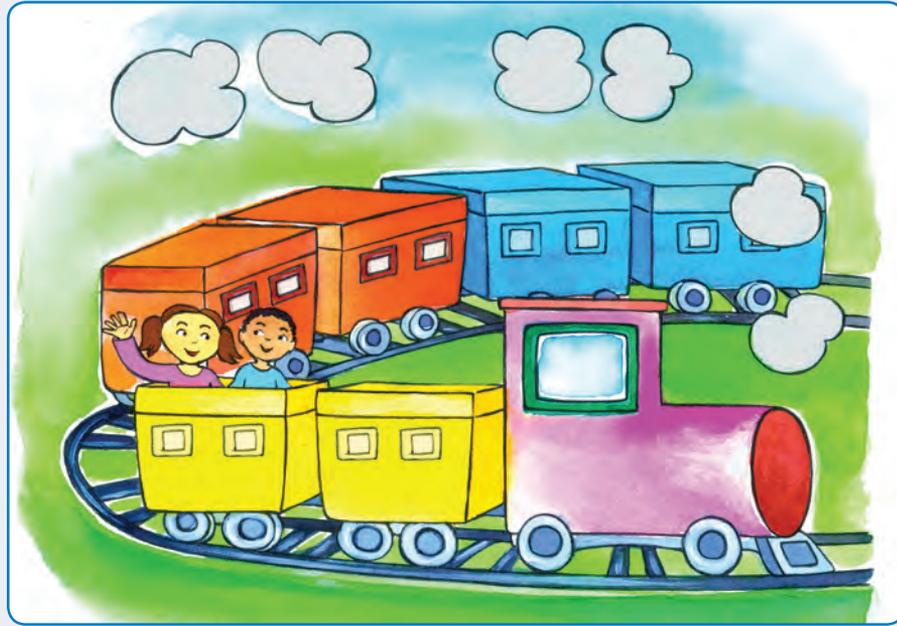


# Amaphethini ezinombolo – okungakubili kufinyelele e-100

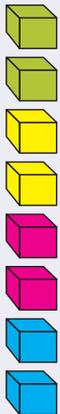
Ithemu 4



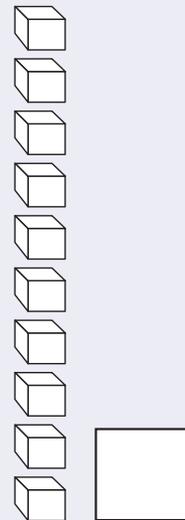
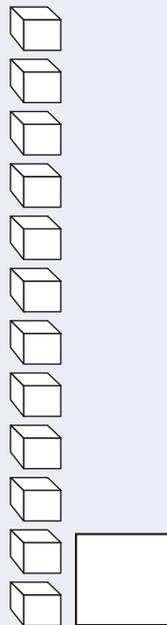
Akhona yini amaphethini owabonayo okungakubili?



Faka umbala emabhulokhini ukukhombisa amaqoqo okubili. Bala uthole ukuthi amaqoqo mangaki.

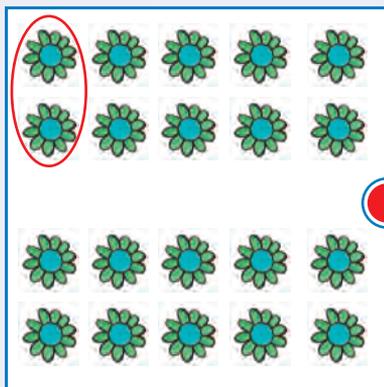


4

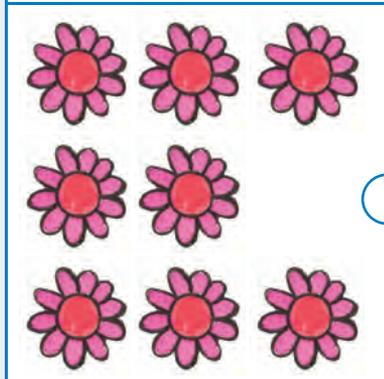




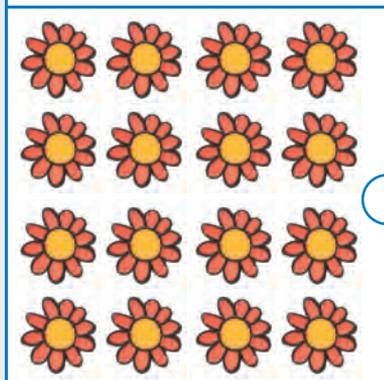
Qondanisa amaqoqo ezinto ezingambili nomusho wezinombolo ngokudweba umugqa.



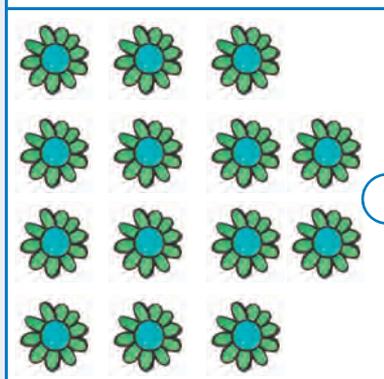
$$2 + 2 + 2 + 2 = 8$$



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



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

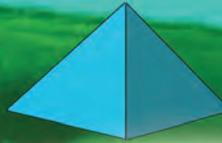
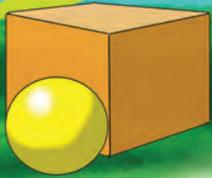


$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16$$



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



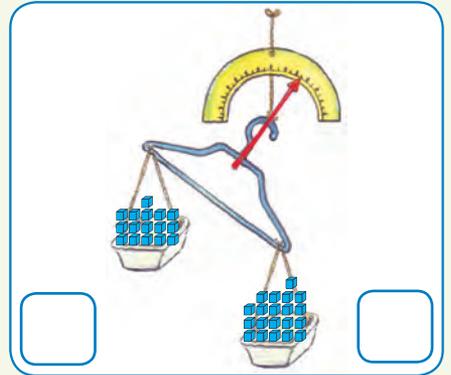
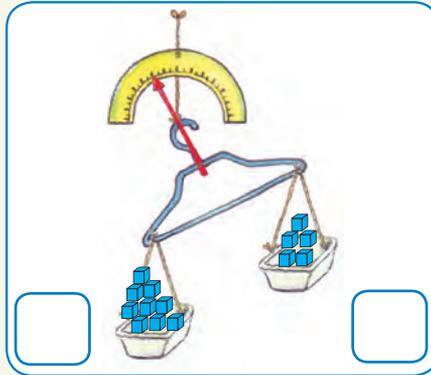
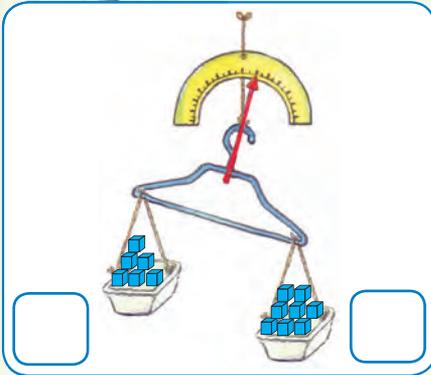


# Isisindo

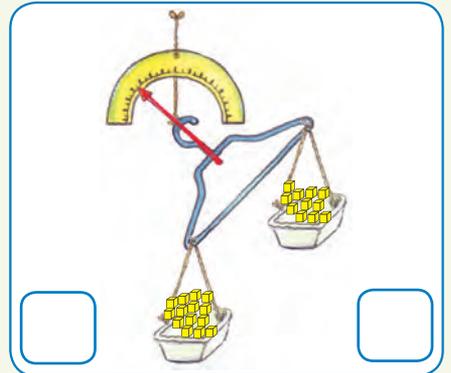
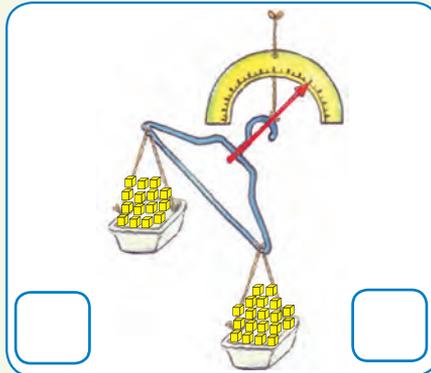
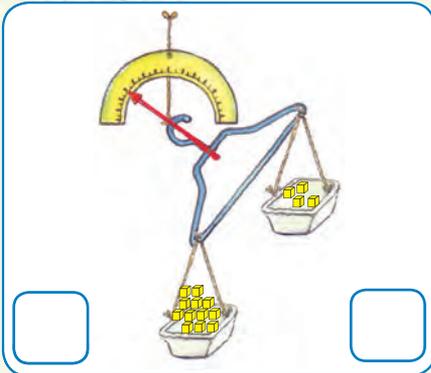
Ithemu 4



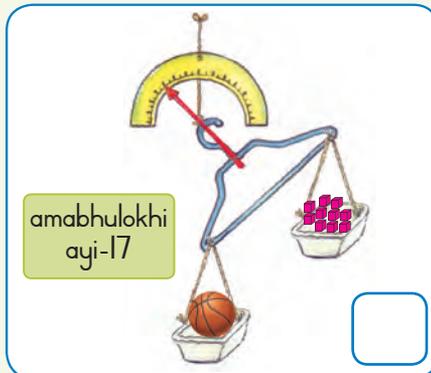
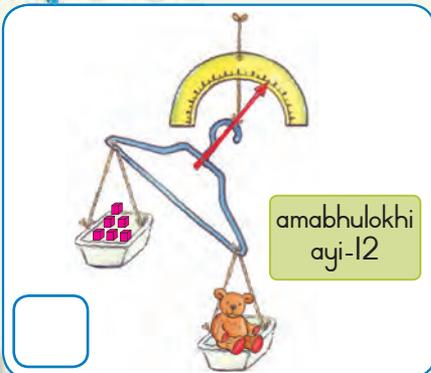
Bhala usho ukuthi mangaki amabhulokhi esiqukathini ngasinye. Kokelezela isiqukathi esisinda kakhudlwana.



Bhala ukuthi mangaki amabhulokhi esiqukathini ngasinye. Kokelezela isiqukathi esilulana.

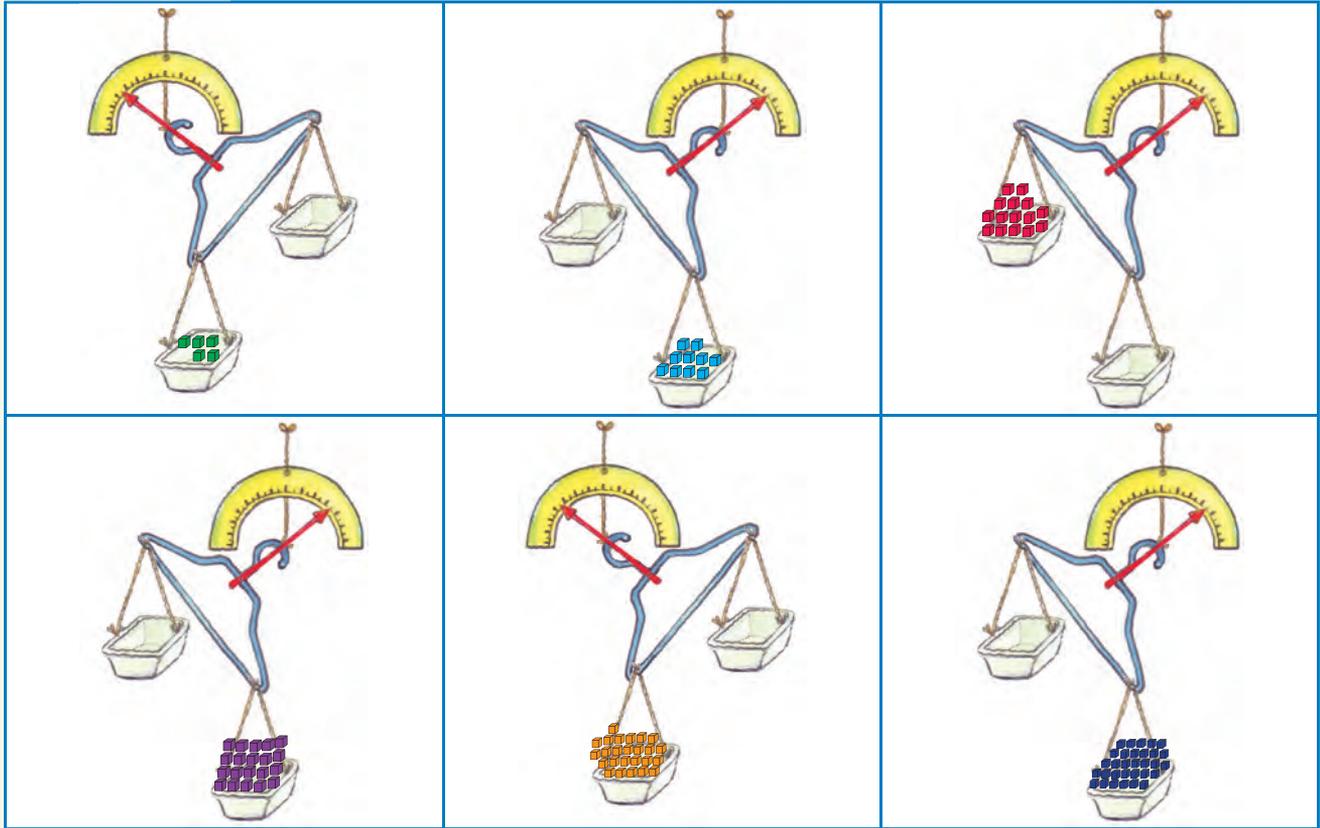


Bala uthole ukuthi mangaki amabhulokhi. Manje thola ukuthi mangaki amanye amabhulokhi azokwengezwa ukuze ithoyisi likwazi ukusinda ngokulingana ngapha nangapha. Sizokutshela ukuthi ithoyisi linesisindo esilingana amabhulokhi amangaki.





Dweba into esinda kakhulu noma elula kakhulu kunamabhulokhi.



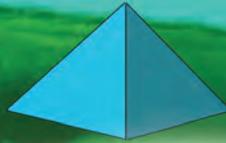
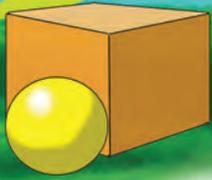
Sebenzisa izinto ezi-5 ongazithola edeskini lakho. Okokuqala hlawumbisela ukuthi zisinda kangakanani bese uzibeka esikalini ukuthola ukuthi uhlawumbisele wasondela kangakanani.

Dweba le nto	Qagela	Isisindo	Umahluko
	amabhulokhi a-___	amabhulokhi a-___	___ - ___ = ___



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





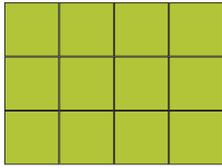
# Ukuphinda kabili



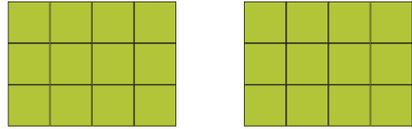
Phendula imibuzo?

Ithemu 4

Kukhona izikwele ezingaki?

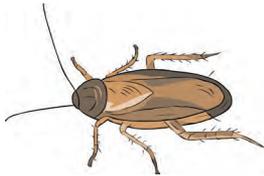



Zingaki izikwele manje?

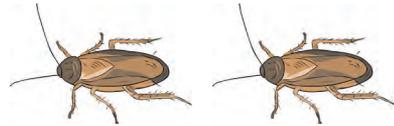



Sithi phinda kabili okuyi-12  
nokungama-24.

Kukhona imilenze emingaki?




Mingaki imilenze manje?

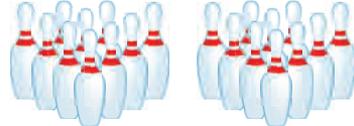



Sithi phinda kabili okuyi-6 uzothola

Kunamaskitili amangaki?




Mangaki amaskitili manje?




Sithi phinda kabili okuyi-10 uzothola

Zingaki izinsuku esontweni?

S	M	T	W	T	F	S

Zingaki izinsuku emasontweni amabili?

S	M	T	W	T	F	S

Sithi phinda kabili okuyi-7 uzothola

Mangaki amakhrayoni?




Mangaki amakhrayoni manje?




Sithi phinda kabili okuyi-8 uzothola





Gcwalisa impendulo.

Phinda kabili oku-4	=	8 
Phinda kabili okuyi-10	=	
Phinda kabili okuyi-11	=	
Phinda kabili oku-2	=	
Phinda kabili okuyi-6	=	



Gcwalisa impendulo.

Phinda kabili okubili uzothola	okune 
Phinda kabili okuthathu uzothola	
Phinda kabili okune uzothola	
Phinda kabili okuhlenu uzothola	
Phinda kabili okuyisithupha uzothola	
Phinda kabili okuyisikhombisa uzothola	

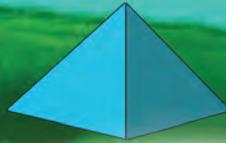
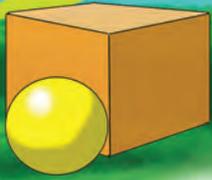


Qedela ithebhula.

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



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

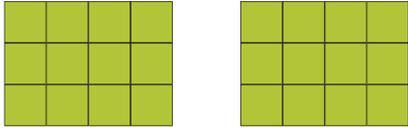


## Ukuhhafula

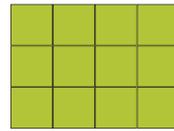


Nikeza impendulo yalokhu okulandelayo:

Zingaki izikwele?

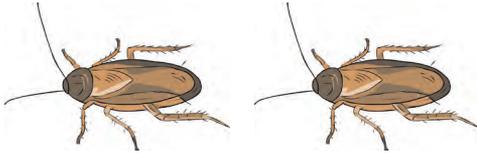



Zingaki izikwele manje?

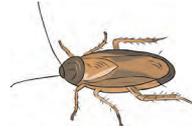



Sithi uhhafu wokungama - 24 ngokuyi - 12.

Mingaki imilenze?




Mingaki imilenze manje?




Sithi uhhafu wokuyi - 12 ngoku -

Mangaki amaskitili?




Mangaki amaskitili manje?




Sithi uhhafu wokungama - 20 ngoku -

Zingaki izinsuku emasontweni amabili?

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

Zingaki izinsuku zesonto?

S	M	T	W	T	F	S

Sithi uhhafu wokuyi - 14 ngoku -

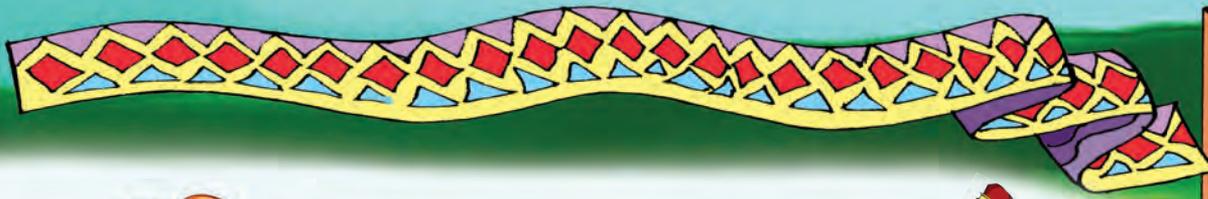
Mangaki amakhrayoni?



Mangaki amakhrayoni manje?




Sithi uhhafu wokuyi - 16 ngoku -



Gcwalisa  
impendulo.

Uhhafu wokuyi-8	=	4
Uhhafu wokuyi-10	=	
Uhhafu wokuyi-6	=	
Uhhafu wokuyi-12	=	
Uhhafu wokuyi-14	=	



Gcwalisa impendulo.

Uhhafu wokune ngoku-	kubili
Uhhafu wokuyisithupha ngoku-	
Uhhafu wokubili ngoku-	
Uhhafu wokuyisishiyagalombili ngoku-	
Uhhafu wokuyishumi ngoku-	

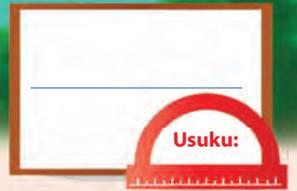
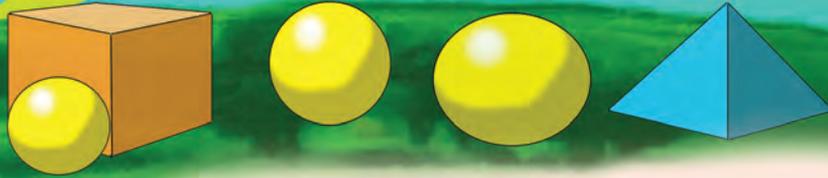


Gcwalisa impendulo.

Uhhafu wokuyi-10 ngoku-	5
Uhhafu wokuyi-12 ngoku-	
Uhhafu wokuyi-14 ngoku-	
Uhhafu wokuyi-16 ngoku-	
Uhhafu wokuyi-18 ngoku-	



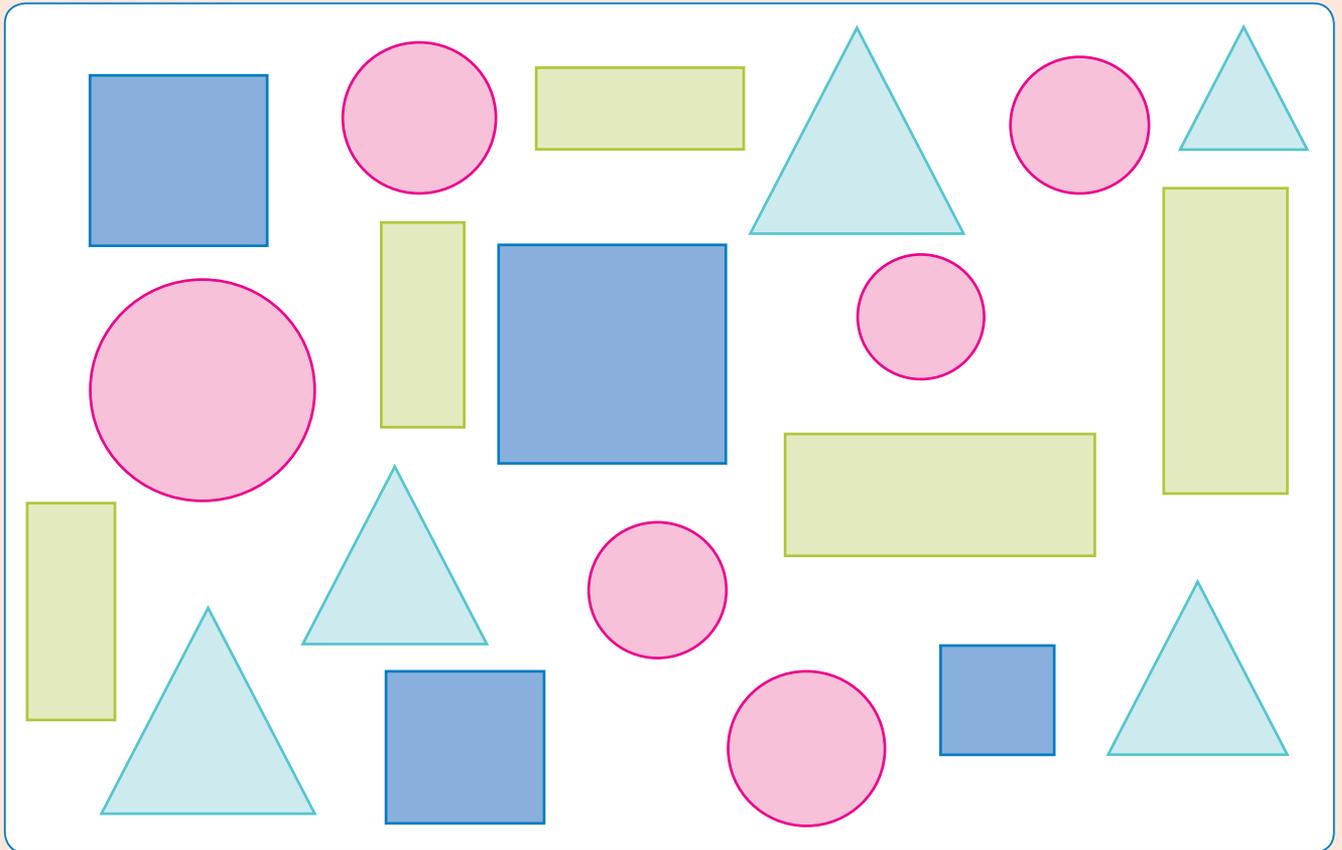
Teacher:  
Sign:  
Date:



# Imininingwane



Bala uthole ukuthi zingaki izimo ezahlukahlukene, bese uphendula imibuzo.

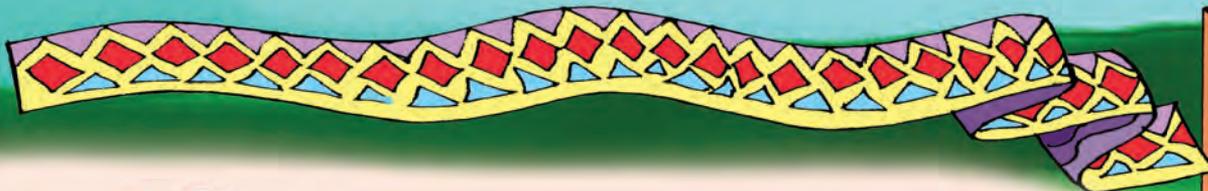


1. Zingaki izikwele  ?

2. Bangaki onxantathu  ?

3. Bangaki onxande  ?

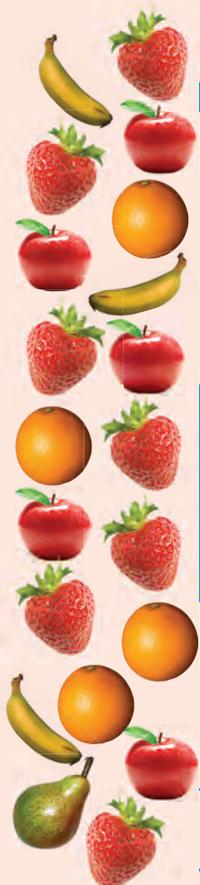
4. Zingaki iziyingi  ?



Lezi zithelo zikhethwe ngabangani bakho abangama-20.  
Hlela izithelo bese wenza umdwebo kule grafu yezithombe  
zezithelo ozihlelile bese uphendula imibuzo engezansi.

Izithelo esizithandayo?

Ukhiye =



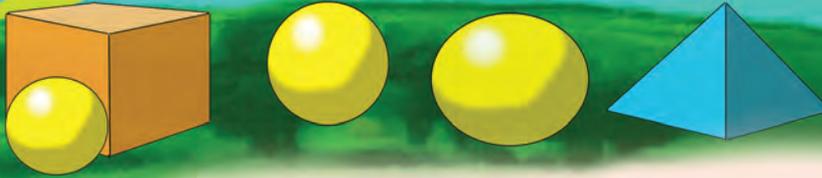
Istrobheri	I-aphula	Ipheya	Ubhanana	Iwolintshi

Zingaki izingane ezithanda istrobheri?	
Zingaki izingane ezithanda ama-aphula?	
Zingaki izingane ezithanda amapheya?	
Zingaki izingane ezithanda ubhanana?	
Zingaki izingane ezithanda amawolintshi?	
Yiziphi izithelo ezithandwa yizingane kakhulu?	
Yiziphi izithelo ezingathandwa yizingane kakhulu?	



Teacher:  
Sign:  
Date:





# Iminingwane futhi

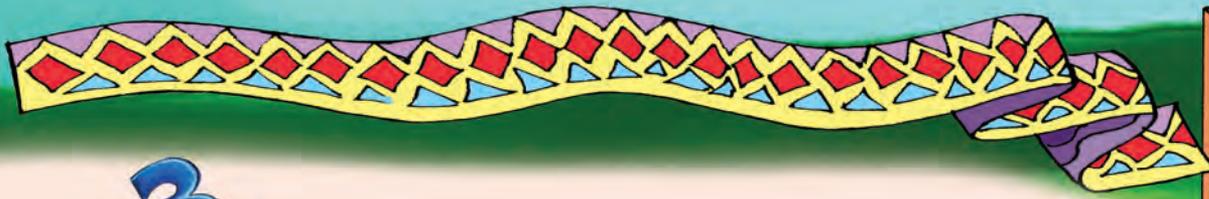


Izingane eklasini zinala mathoyisi.  
Mangaki amathoyisi ohlotsheni ngalunye?



Qedela ithebhula.

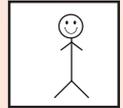
Ithoyisi	Inombolo
Onodoli	
Amaloli	
Othedi	
Amarobhothi	



Qedela igrafu yezithombe ngokudweba inani elifanele lezithombe zabantu abayizinti bohlobo ngalunye lwethoyisi.

Amathoyisi esinawo

Ukhiye =



Onodoli	Amaloli	Othedi	Amarobhoti

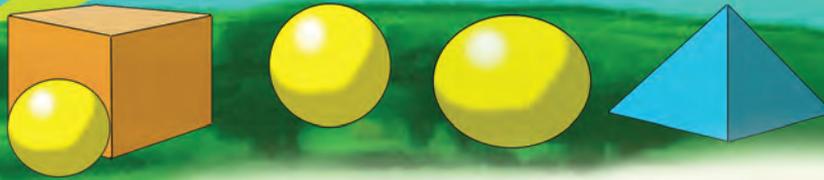


Phendula imibuzo. Uzode ubuka igrafu yezithombe ukuze usizakale.

Zingaki izingane ezinawonodoli?	
Zingaki izingane ezinamaloli?	
Zingaki izingane ezinotthedi?	
Zingaki izingane ezinamarobhoti?	
Yiliphi ithoyisi elithandwa kakhulu?	
Yiliphi ithoyisi elingathandeki?	



Teacher:  
Sign:  
Date:



# Umthamo



Silukala kanjani uketshezi?  
Dweba umugga uqondanise into nento ekalwa ngayo.

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



Beka uphawu lokuthikha esiqukathini esinomthamo omncane.

<input type="checkbox"/>					



Beka uphawu lokuthikha esiqukathini esinomthamo omkhulu.

<input type="checkbox"/>					



Ngabe lezi ziqukathi zigcwele noma kazinalutho?

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





Ngidinga izinkomisi ezinhlanu ukugcwalisa lesi siqukathi.  
Zingaki izinkomishi engizokwengeza ngazo ukugcwalisa abanye  
ojeke ababili? Zidwebe?



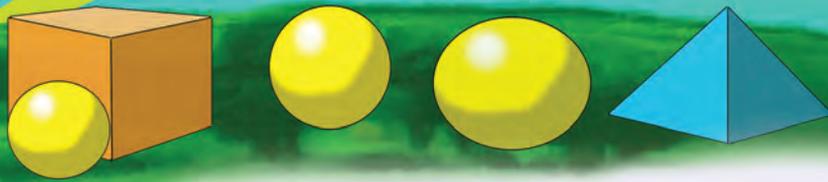

Faka umbala ukhombise ukuthi lungakanani uketshezi.

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



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





# Amaphethini ejiyomethri



Qedela amaphethini.

Ithemu 4

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

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

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

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

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

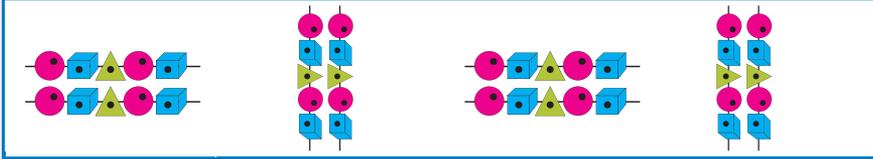
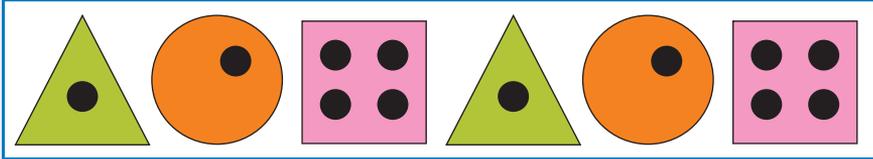
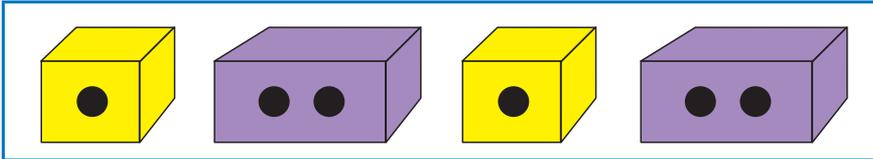
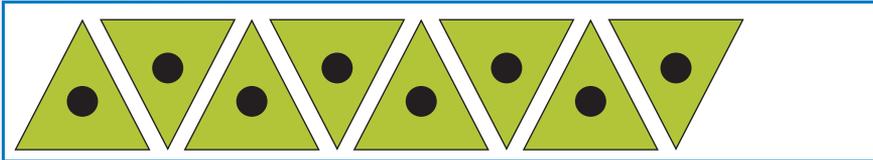
A	D	A	D	A	D			A	D		
---	---	---	---	---	---	--	--	---	---	--	--

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

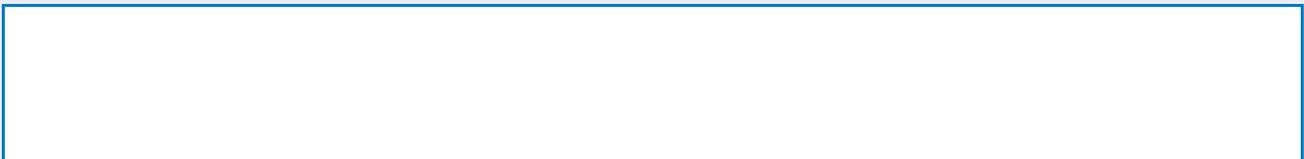
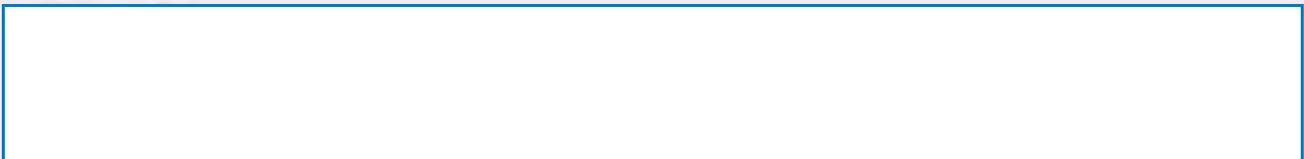




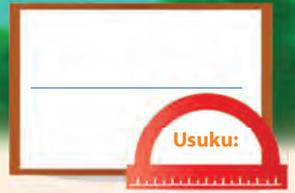
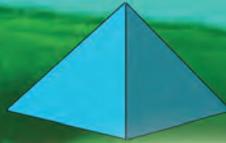
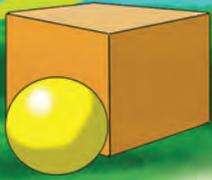
Yelula iphethini.



Yakha amaphethini akho usebenzise iziyingi, izikwele nawonxantathu.



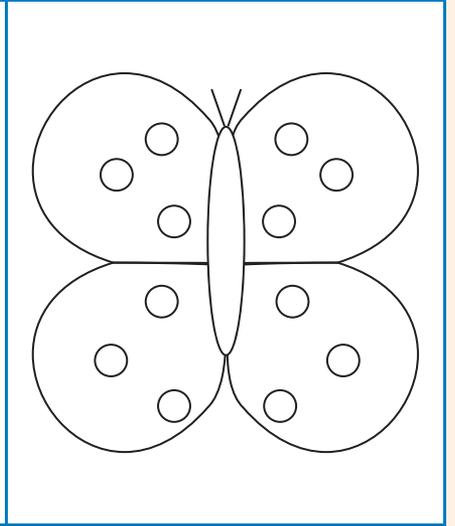
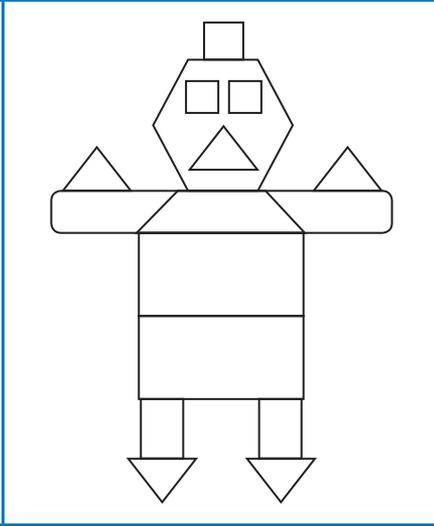
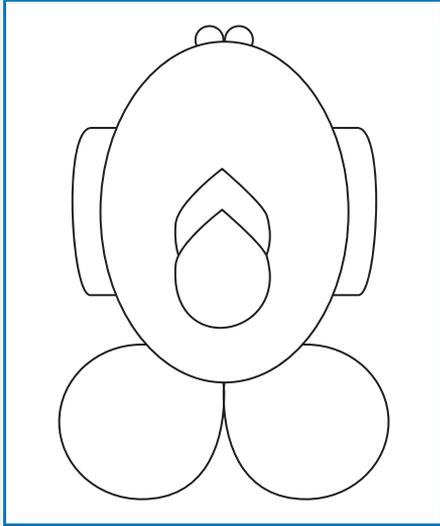
Teacher:  
Sign:  
Date:



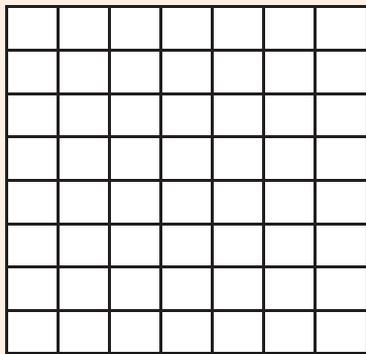
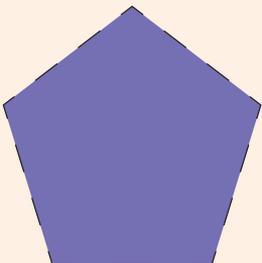
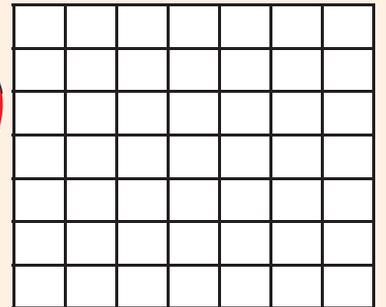
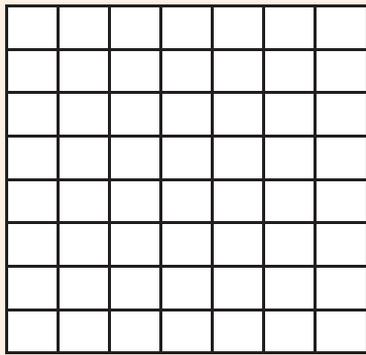
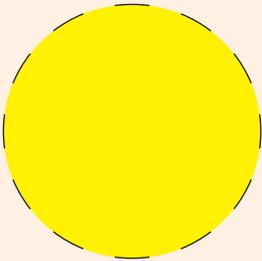
# Okunhlangothi zifana ncamashi



Dweba umugqa ohlukanisa phakathi isithombe ukuze uhhafu bobabili bafane nse. Faka umbala owodwa uhhafu esithombeni ngasinye.



Kopisha lezi zimo, bese udweba umugqa phakathi nendawo.





Qedela isithombe ngokudweba uhhafu owodwa njengoba unjalo.




Dweba omunye uhhafu womdwebo.



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

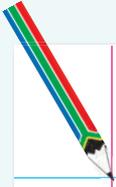


# Amanothi



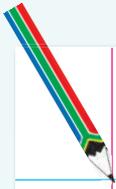
A large white rectangular area with horizontal blue lines for writing. A vertical red line is positioned on the left side, creating a margin. The page is otherwise blank.

# Amanothi



A large white rectangular area containing horizontal blue lines for writing. A vertical red line is positioned on the left side, creating a margin. The page is otherwise blank.

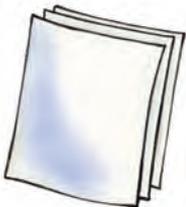
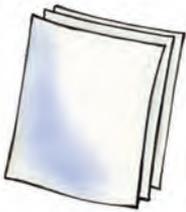
# Amanothi



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

# Cut-out 1

## Worksheet 79





## Cut out cards 2

### Worksheet 83

45	50	40	40	30	35
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### Worksheet 84

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

### 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						

