Ukufunda ngoMgaqo-siseko weRiphablikhi yoMzantsi Afrika (1996)

Umgaqo-siseko weli loMzantsi Afrika (1996) uqulethe eyona mithetho yongameleyo yeli lizwe. Le mithetho ingaphezulu komongameli welizwe, ngaphezulu kweenkundla zamatyala nangaphezulu kukarhulumente.

Le mithetho ichaza indlela abemi beli lizwe abafanele ukuphathana ngayo, nokuba ayintoni amalungelo noxanduva lwabo omnye komnye. Umgaqo-siseko welizwe ukho ukuze usikhusele ngalo mzuzu kwaye ukhusele nabantwana bethu kwixesha elizayo.

Masiyazi imvelaphi yethu.	Masingaphindi iimpazamo zexesha elidlulileyo.	Umgaqo-siseko wethu uyasinceda ukuze sakhe ingomso elingcono lomntu wonke.

Thina, bantu boMzantsi Afrika,

Siyaziqonda iimeko zolwaphulo-bulungisa zamaxesha ethu adlulileyo;

Sibanika imbeko abo beva ubunzima bebulalekela ubulungisa nenkululeko elizweni lethu;

Siyabahlonela abo bathi basebenzela ukwakha nokuphuhlisa ilizwe lethu; kwaye

Sikholelwa ekubeni uMzantsi Afrika ngowethu sisonke thina sihlala kuwo, simanyene nangani siziintlobo ngeentlobo.

Thina ke ngoko, ngabameli bethu abanyulwe ngokukhululekileyo, siyawuvuma lo mGaqo-siseko ukuba ungowona mthetho wongameleyo weRiphablikhi ukuze—

- Ungcibe udibanise izantlukwano zangaphambili uze wakhe uluntu olusekwe kwizithethe ezixabisekileyo zedemokhrasi, ubulungisa kwezentlalo namalungelo abantu asisiseko;
- Wenze isiseko soluntu oluphila ngendlela yedemokhrasi nolwenza izinto elubala apho urhulumente asekelwe kwintando yabantu nalapho wonke ummi ekhuselwe ngokulinganayo ngumthetho;
- Uphucule ixabiso lokuphila kwabo bonke abemi, uze uvumele ukusebenza kwesakhono somntu ngamnye; kanjalo
- Wakhe uMzantsi Afrika omanyeneyo nonedemokhrasi onakho ukuthabatha indawo yawo efanelekileyo njengelizwe elinobunganga kusapho lwezizwe ngezizwe.

Wabange amalungelo akho njengommi weli loMzantsi Afrika kwaye nawe uluthathele kuwe uxanduva lokukhusela amalungelo abanye.	Wazi amalungelo akho noxanduva lwakho.

Wanga uThixo angabakhusela abantu bakokwethu.
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

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GRADE 1 – BOOK 2
TERMS 3 & 4
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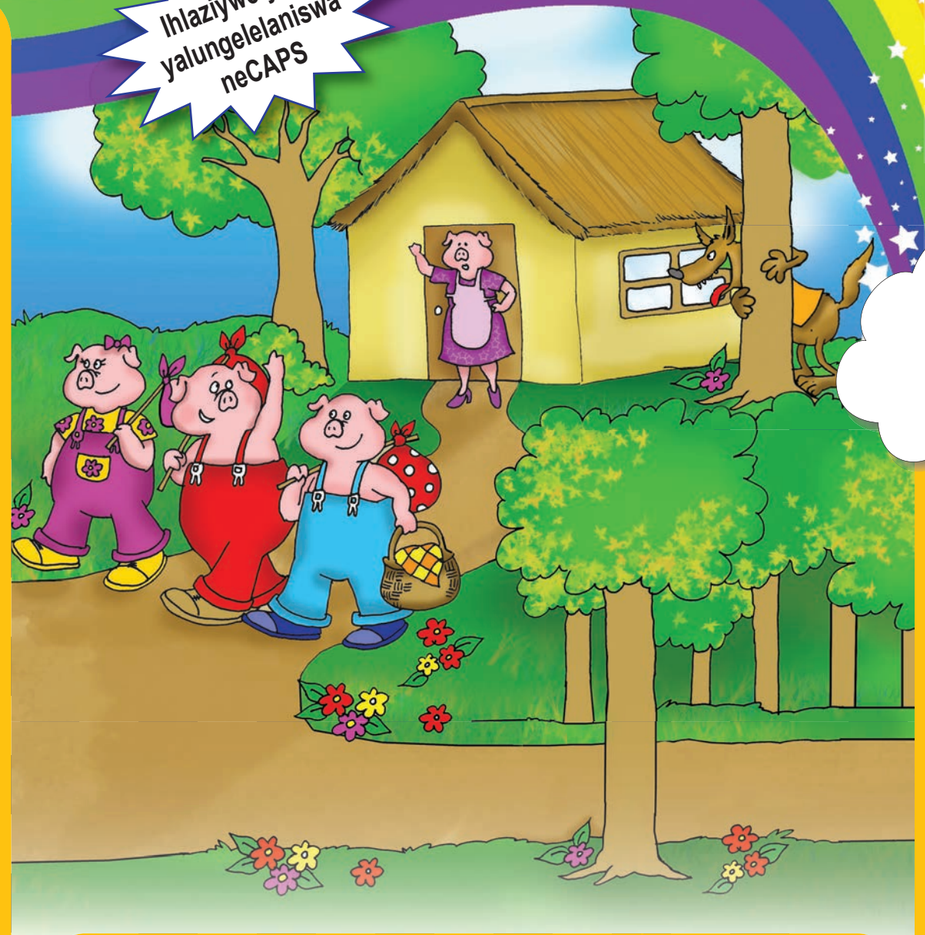

Ibanga loku- 1

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IZIBALO NGESIXHOSA

Incwadi yesi-2
Ikota 3 & 4

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UNksk. Angie Motshekga,
uMphathiswa wemfundo
esisiSeko



UMnu. Enver Surty
uSekela Mphathiswa
wemfundo esisiSeko

Ezi ncwadi zilungiselelwe abantwana baseMzantsi Afrika phantsi kwephiko loMphathiswa weMfundo esisiSeko uNksk. Angie Motshekga kunye noSekela Mphathiswa weMfundo esisiSeko uMnu. Enver Surty.

Ezi ncwadi zokusebenzela, iRainbow Workbooks, lelinye lamalinge ongenelelo eSebe leMfundo esisiSeko ajolise ekuphuculeni umgangatho wabafundi beloMzantsi Afrika abakumabanga amathandathu okuqala. Njengomnye wemiba ephambili yoMkhomba-ndlela kaRhulumente, eli phulo libe nempumelelo ngenxa yenkxaso-mali evela kuVimba weSizwe. Oku kuye kwenza ukuba iSebe likwazi ukuvelisa ezi ncwadi, zifumaneke ngazo zonke iilwimi ezisemthethweni ngexabiso eliphantsi.

Sinethemba lokuba ootitshala baya kuzifumana ezi ncwadi zokusebenzela ziluncedo kakhulu kwimfundo yemihla ngemihla, nasekuqinisekiseni ukuba abafundi bayifikelela yonke ikharityhulam. Ukuqinisekisa ukuba utitshala uyakhokelwa kuyo yonke imisetyenzana, sisebenzise izalathisi ezibonisa oko kufanele ukwenziwa ngumfundi.

Sinethemba lokwenene lokuba abantwana baya kukonwabela ukusebenza kwezi ncwadi ekukhuleni nasekufundeni kwabo, kwanokuba nawe titshala uya kwabelana nabo kolu yolo.

Sinqwenela ukuba nibe nempumelelo ekusebenziseni ezi ncwadi.

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Ibanga loku-1

Rainbow WORKBOOKS

IMathematika

NGESIXHOSA

Le ncwadi yeka-:



ISIXHOSA

Incwadi yesi-2

65

Umhla:

Masiqonde inani II

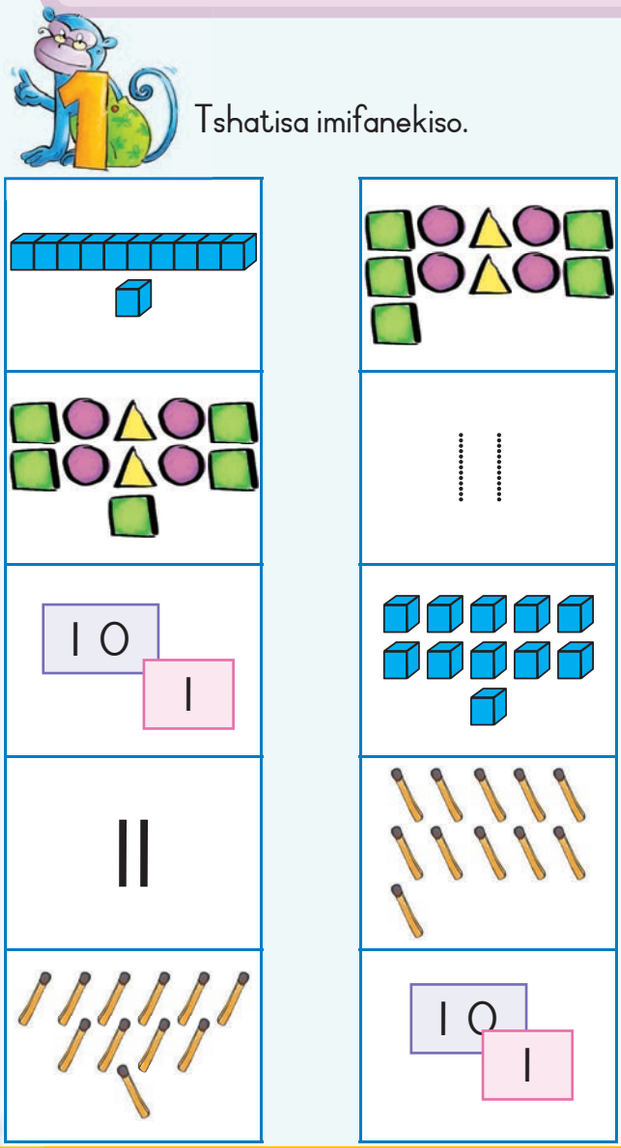
Uhlaziyo:

Ziqhelise ukubhala la manani.

inye 1 1

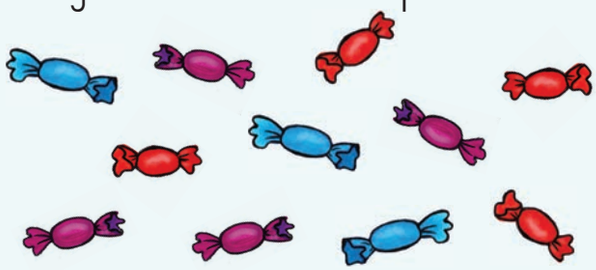
zimbini 2 2

Tshatisa imifanekiso.



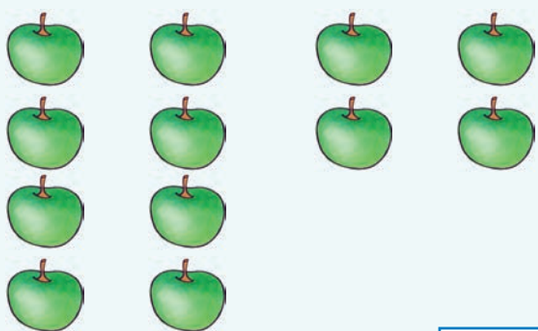
Biyela ezi zinto.

Biyela iilekese ezilishumi kuphela.



Zingaphi iilekese ezishiyekileyo?

Biyela ama-apile alishumi kuphela.



Mangaphi ama-apile ashiyekileyo?

0 1 2 3 4 5 6 7 8 9 10



Khuphela la manani.

II	II	II	II
ishumi elinanye			
II	II	II	II

Ikholam nganye kufuneka yenze i-II xa iyonke. Fakela amanani ashiyiweyo.

3	5	4
4	5	
4		2
II	II	II

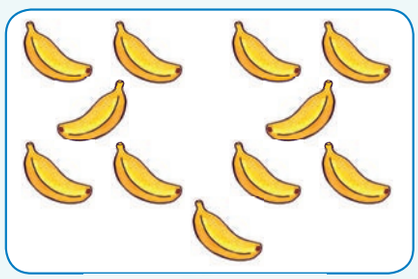
Zoba izinto zibe li-II.

Fakela amanani ashiyiweyo.

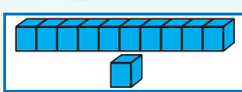
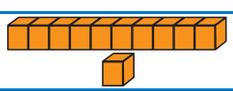
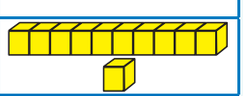
1	2		4	

Bala ezi zinto.





Gqibezela itheyibhile. Umqolo ngamnye unomfanekiso, inani kunye negama elimele elo nani.

		ishumi elinanye
	II	ishumi elinanye
II		
	ishumi elinanye	

Leliphi inani elinganeno ngononye kune-II? _____

Leliphi inani elingaphezulu ngononye kune-II? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

66

Umhla:

Masiqonde inani 12

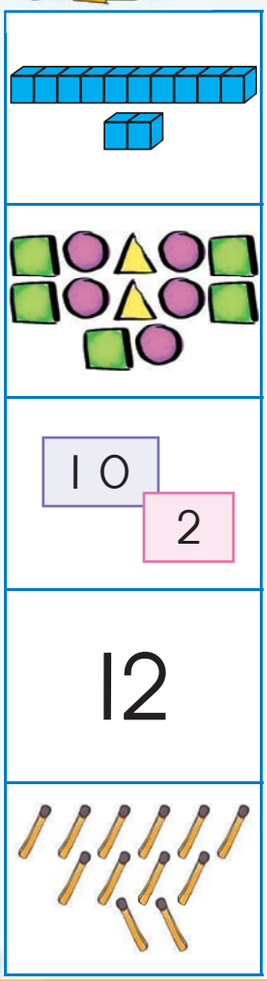
Uhlaziyo:

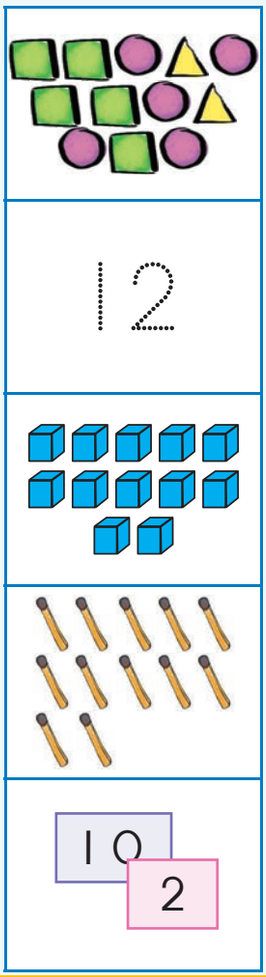
Ziqhelise ukubhala la manani.

 zintathu	3 3
 zine	4 4



Tshatisa imifanekiso.







Biyela ezi zinto.

Biyela izihlangu ezili-10 kuphela.



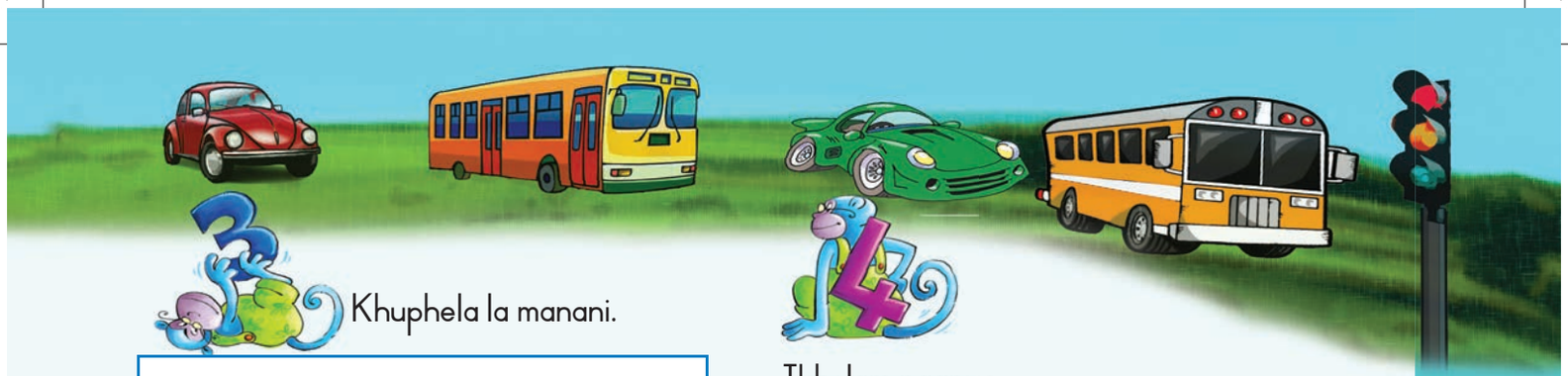
Zingaphi izihlangu ezishiyekileyo?

Biyela oonokrwece abali-12 kuphela.



Bangaphi oonokrwece abashiyekileyo?

0 1 2 3 4 5 6 7 8 9 10



Khuphela la manani.

12	12	12	12
ishumi elinesibini			
12	12	12	12

Ikholam nganye kufuneka yenze i-12. Fakela amanani ashiyiweyo.

	7	6
4		4
3	2	
12	12	12

Zoba izinto ezili-12.

Fakela amanani ashiyiweyo.

3		5			
8			11		

Bala ezi zinto.

Gqibezela itheyibhile. Umqolo ngamnye unomfanekiso, inani negama elimele elo nani.

		ishumi elinesibini
	12	ishumi elinesibini
		12
	ishumi elinesibini	

Leliphi inani elinganeno ngononye kune-12? _____

Leliphi inani elingaphezulu ngononye kune-12? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

67

Umhla:

Masiqonde inani 13

Uhlaziyo:

Ziqhelise ukubhala la manani.

zintlanu	5 5
zintandathu	6 6

Tshatisa imifanekiso.

	13
10 3	
13	
	10 3

Biyela ezi zinto.

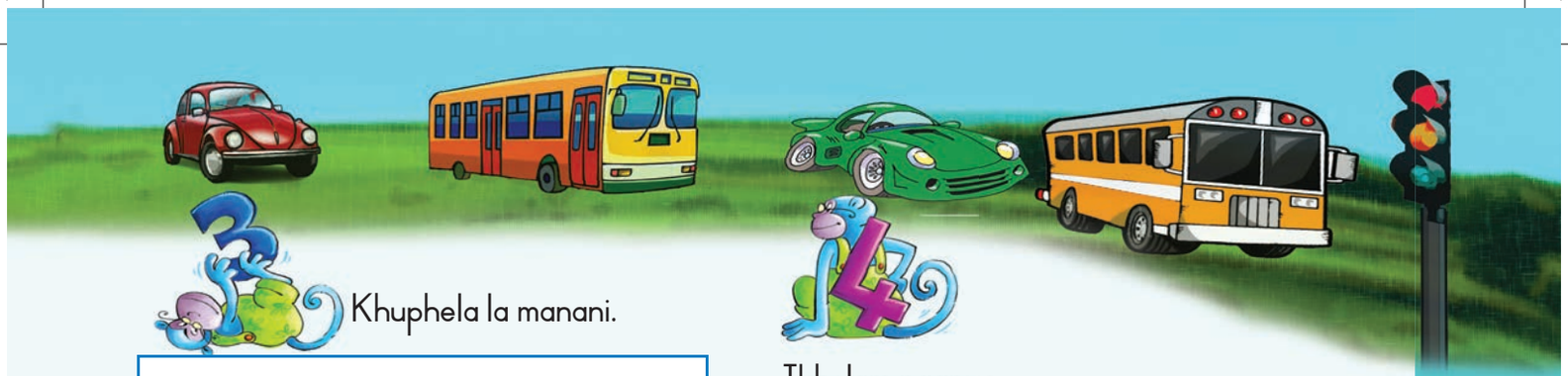
Biyela iikati ezili-10 kuphela.

Zingaphi iikati ezishiyekileyo? ☐

Biyela iminqathe ibe li-13 kuphela.

Mingaphi iminqathe eshiyekileyo? ☐

0 1 2 3 4 5 6 7 8 9 10



Khuphela la manani.

13	13	13	13
ishumi elinesithathu			
13	13	13	13

Ikholam nganye kufuneka yenze i-13.

1	2	6
1		
	3	2
13	13	13

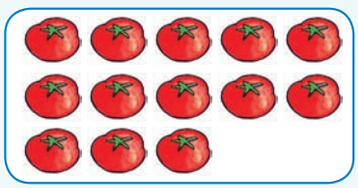
Zoba izinto ezili-13.

Khawuzizobe ngenye indlela ke ngoku.

Fakela amanani ashiyiweyo.

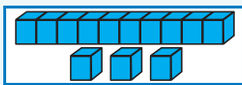
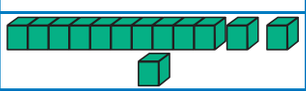
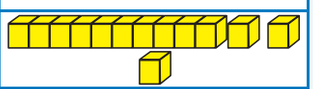
	10		12	

Bala ezi zinto.





Gqibezela itheyibhile. Umqolo ngamnye unomfanekiso, inani negama elimele elo nani.

		ishumi elinesithathu
	13	ishumi elinesithathu
13		
	ishumi elinesithathu	

Leliphi inani elinganeno ngononye kune-13? _____

Leliphi inani elingaphezulu ngononye kune-13? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

68

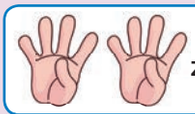
Umhla:

Masiqonde inani 14

Uhlaziyo:

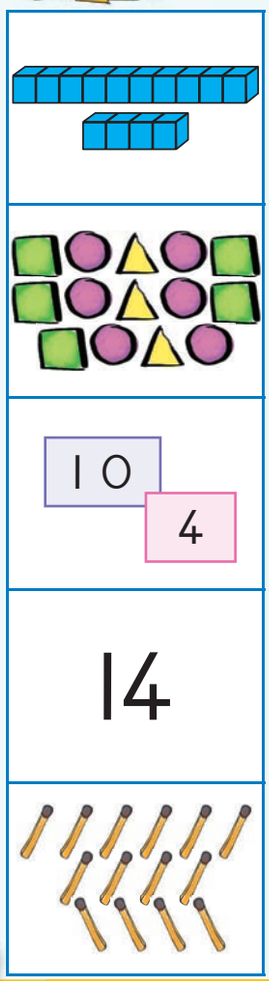
Ziqhelise ukubhala la manani.

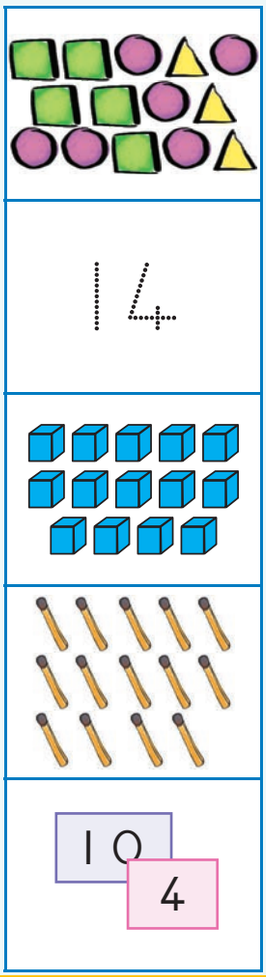
 zisixhenxe 7 7

 zisibhozo 8 8



Tshatisa imifanekiso.







Biyela ezi zinto.

Biyela amabhabhathane ali-10 kuphela.



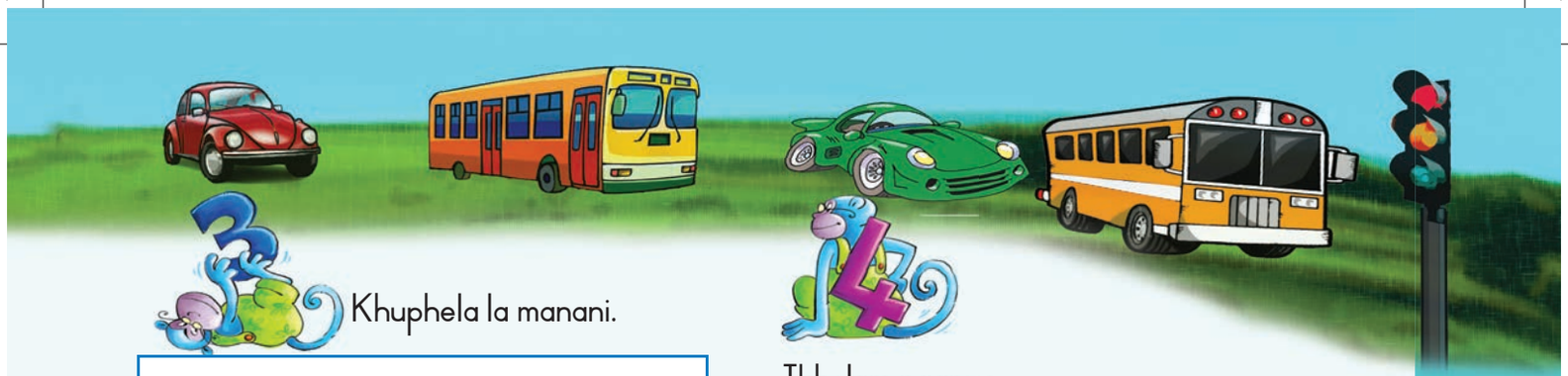
Mangaphi amabhabhathane ashiyekileyo?

Biyela iilokhwe ezili-14 kuphela.



Zingaphi iilokhwe ezishiyekileyo?

0 1 2 3 4 5 6 7 8 9 10



Khuphela la manani.

14	14	14	14
ishumi elinesine			
14	14	14	14

Ikholam nganye kufuneka yenze i-14. Fakela amanani ashiyiweyo.

1		2
	5	1
3	2	
14	14	14

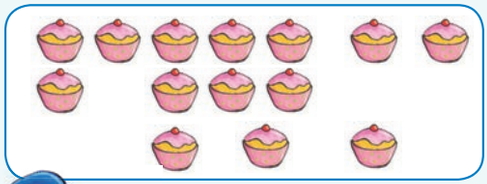
Zoba izinto zibe li-14.

Khawuzizobe ngenye indlela ke ngoku.

Fakela amanani ashiyiweyo.



Bala ezi zinto.





Gqibezela itheyibhile. Umqolo ngamnye unomfanekiso, inani negama elimele elo nani.

	14	ishumi elinesine
14		
	ishumi elinesine	

Leliphi inani elinganeno ngononye kune-14? _____

Leliphi inani elingaphezulu ngononye kune-14? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

69

Umhla:

Masiqonde inani 15

Uhlaziyo:

Ziqhelise ukubhala la manani.

zilithoba — 9 9

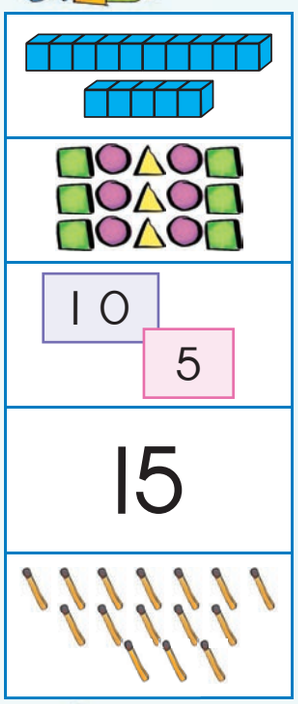
zilishumi — 10 10

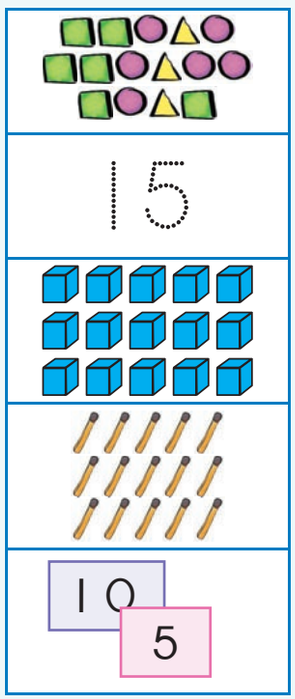


Tshatisa imifanekiso.

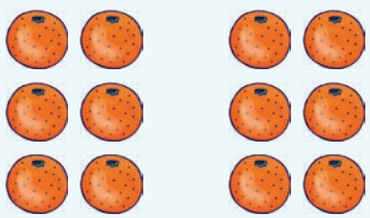


Biyela ezi zinto.





Biyela ii-orenji ezili-10 kuphela.



Zingaphi ii-orenji ezishiyekileyo?

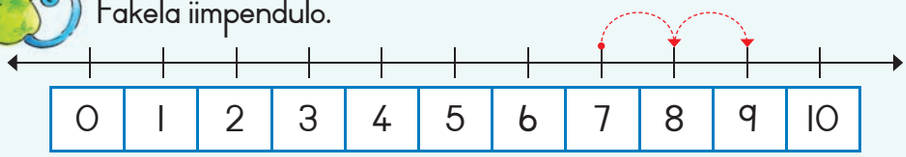
Biyela iinkwenkwezi ezili-15 kuphela.



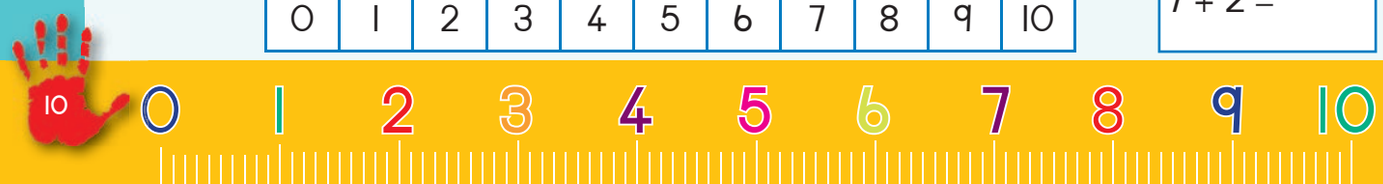
Zingaphi iinkwenkwezi ezishiyekileyo?

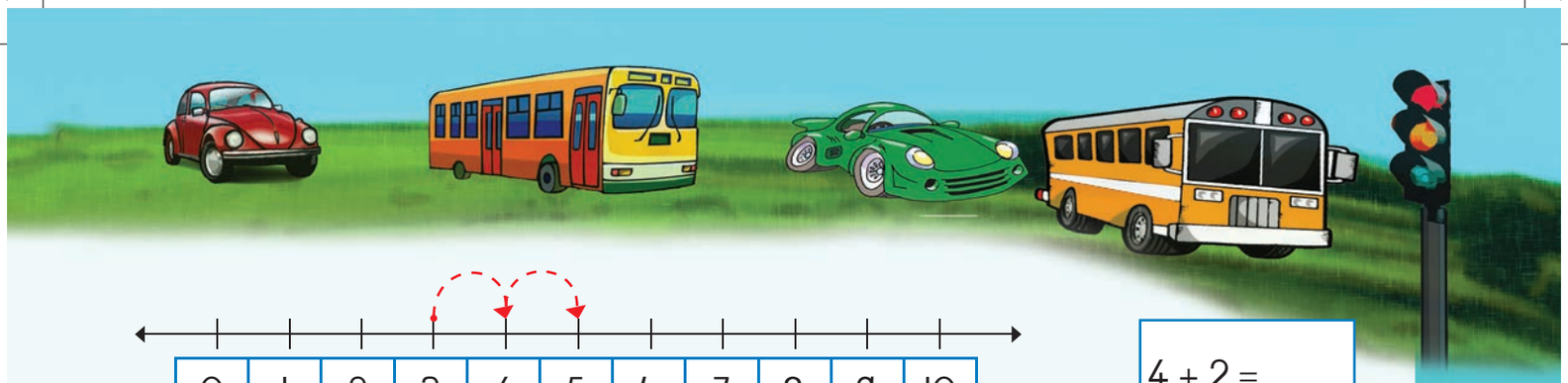


Fakela iimpendulo.



7 + 2 =





4 + 2 =



Khuphela la manani.

15	15	15	15
ishumi elinesihlanu			
15	15	15	15



Zoba izinto zibe li-15.

Zizobe ngenye indlela ke ngoku.



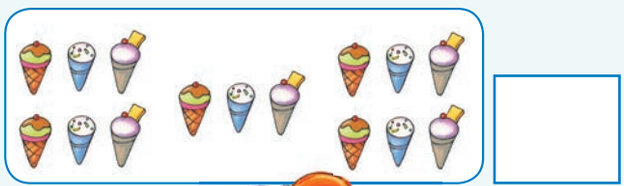
Fakela amanani ashiyiweyo.

11	12	13		15	15		13	12	



Bala ezi zinto.







Gqibezela itheyibhile. Umqolo ngamnye unomfanekiso, inani negama elimele elo nani.

	15	ishumi elinesihlanu
		ishumi elinesihlanu
15		



Leliphi inani elinganeno ngononye kune-15? _____

Leliphi inani elingaphezulu ngononye kune-15? _____



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

70

Umhla:

Ukudibanisa uyokufika kuma-20 - bala uye phambili

Uhlaziyo:

Ziqhelise ukubhala inani ngamagama.

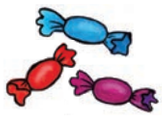
6 zintandathu

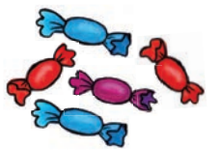


Jonga umfanekiso uze ubhale isivakalisi-manani ngomfanekiso ngamnye.

ULisa uneelekese ezi-3. UMandla yena uneelekese ezi-5. Zingaphi iilekese abanazo zidibene?

Masibale:

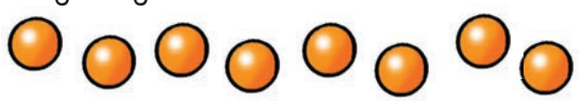




3 ... 4 5 6 7 8

☐ + ☐ = ☐

Bendinamapetyu asi-8 kwaza kwalahleka ama-4. Mangaphi amapetyu endinawo ashiyekileyo?



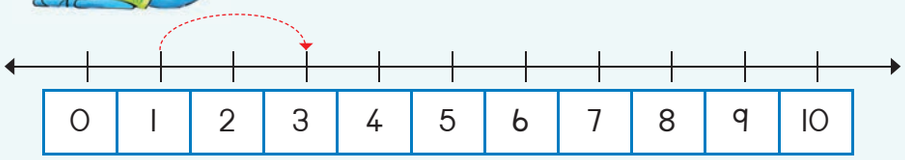
Masibale sibuye umva:

8 ... 7 6 5 4

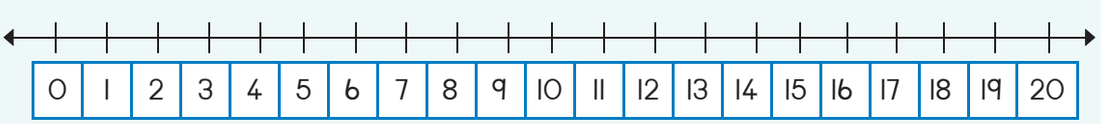
☐ – ☐ = ☐



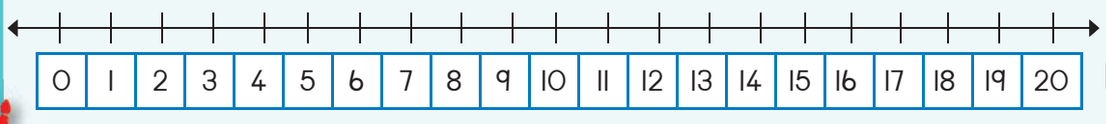
Bhala iimpendulo.



1 + 2 = ☐



13 + 2 = ☐

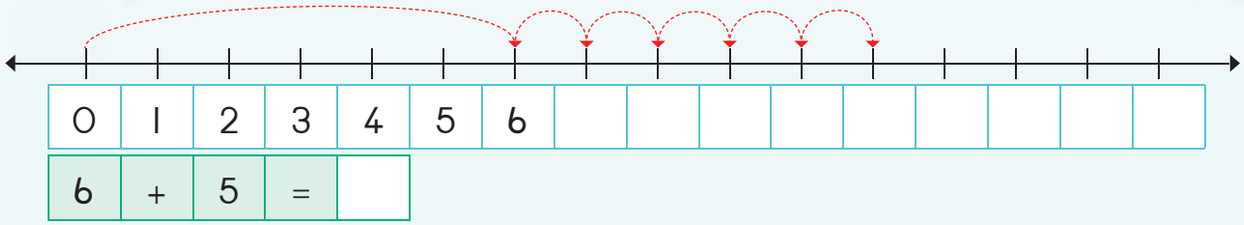


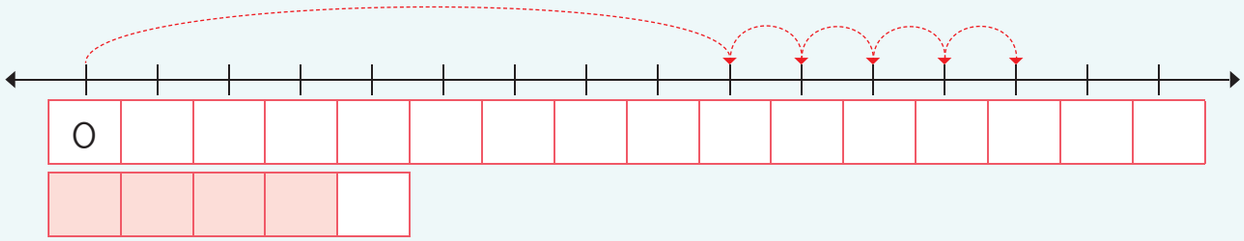
15 + 2 = ☐

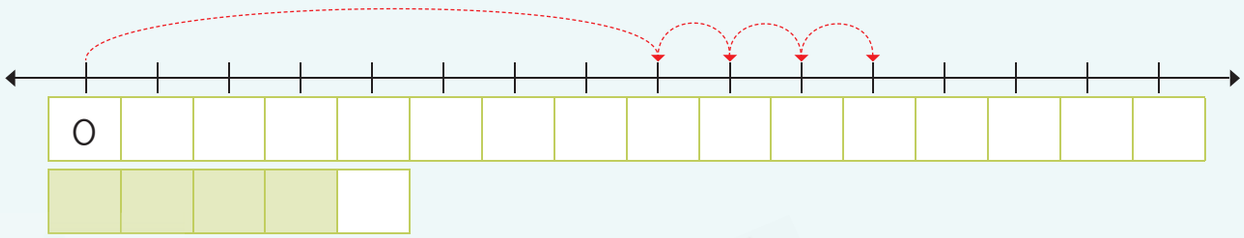
0 1 2 3 4 5 6 7 8 9 10



Fakela amananani kumgca-manani uze ubhale isivakalisi-manani.







Yongeza zibe-2.

3	5
4	
2	

7	
8	
6	

Fakela amananani.

Nceda isigcawu sigqibezele esi sibalo.

Ndineminyaka esi-7 ubudala.
Ndiza kuba neminyaka emingaphi kwiminyaka emi-5 ezayo?

7					

Ndiza kuba neminyaka eli-_____.

6			
8	+5		
7			
0			

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Umhla:

Ukudibanisa – ukwakha nokucalula amanani ukuya kwi-10

Uhlaziyo:

Ziqhelise ukubhala inani ngamagama.

7 zisixhenxe



Bhala impendulo.

3 + 3 = ☐



0 + 5 = ☐



3 + 2 + 1 = ☐



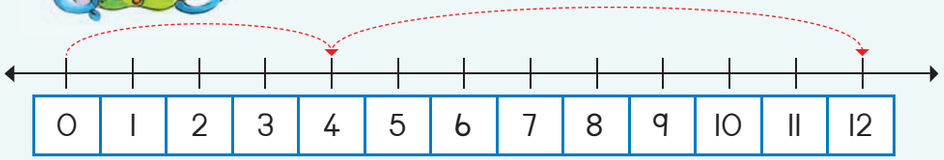


Fakela imibala ubonise oku kulandelayo.

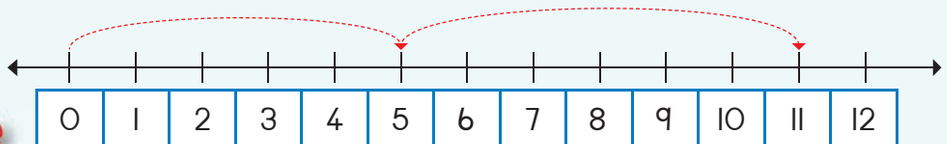
3 + 9	
4 + 8	
5 + 7	
6 + 6	
7 + 5	



Bhala isiphumo soku:

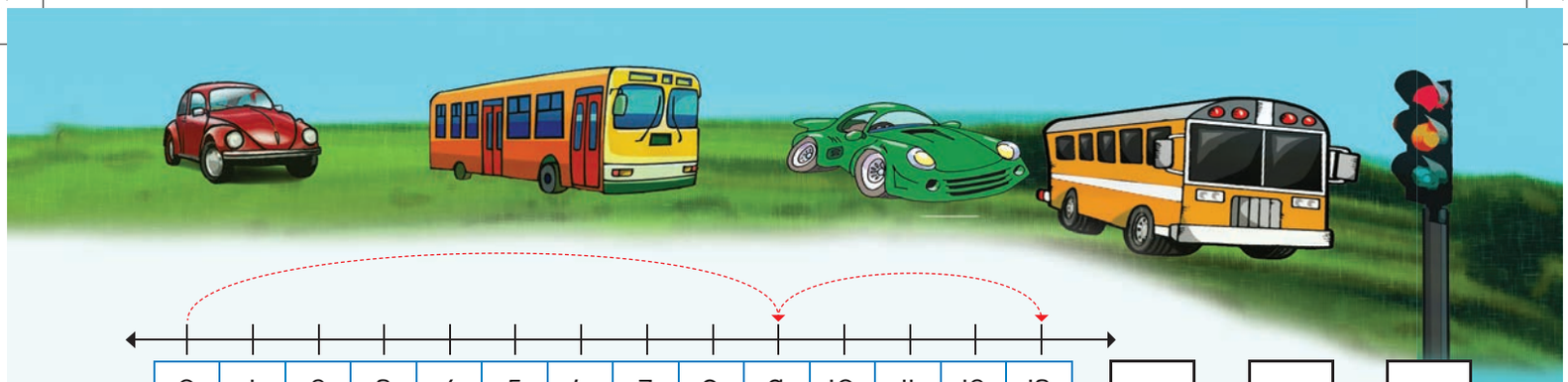


☐ + ☐ = ☐



☐ + ☐ = ☐

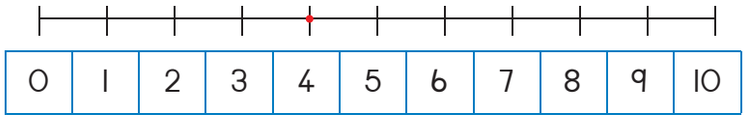
0 1 2 3 4 5 6 7 8 9 10



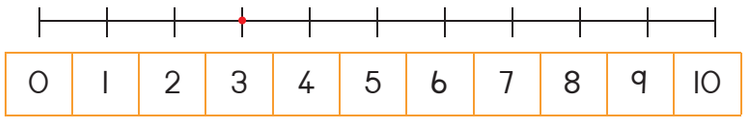
□ + □ = □



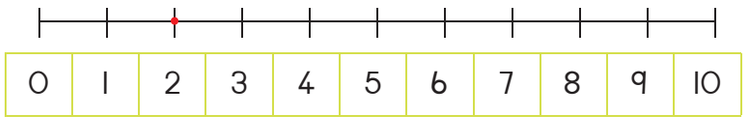
Gqibezela umgca-manani uze ubhale impendulo.



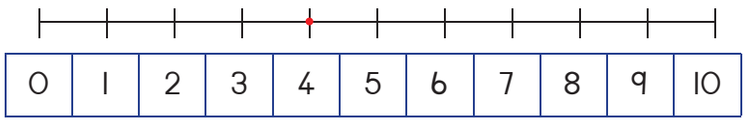
4 + 5 + 1 = □



3 + 3 + 2 = □



2 + 4 + 3 = □



4 + 3 + 2 = □



Sombulula ezi zibalo ngokuzoba imifanekiso.

Ndinamapetyu ama-5 aze umhlobo wam abe namapetyu asi-8. Mangaphi amapetyu esinawo edibene?

□ + □ = □

Bendiphathele utitshala wethu iintyatyambo ezili-9 waze umhlobo wam waza nezi-6. Zingaphi iintyatyambo esize nazo zizonke?

□ + □ = □

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Umhla:

Ukudibanisa – ukwakha nokucalula amanani ukuya kufikelela kwi-15

Uhlaziyo:

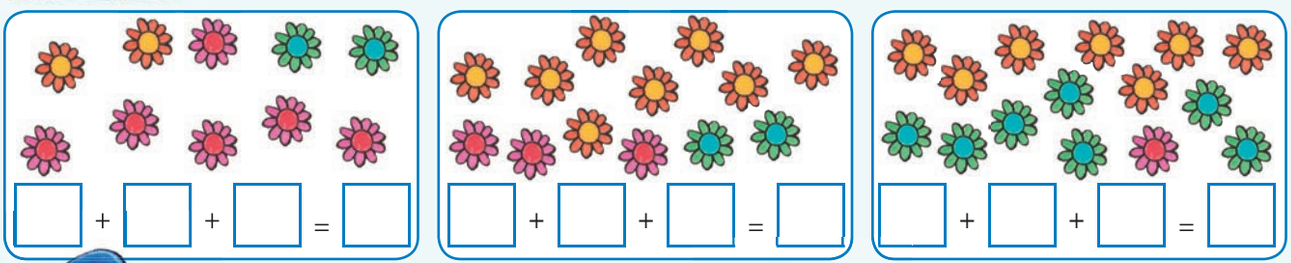
Ziqhelise ukubhala inani ngamagama.

8 zisibhozo

Bhala impendulo.

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

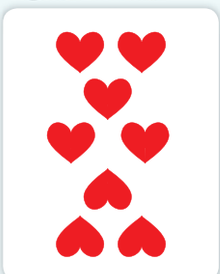
Bhala isivakalisi-manani usebenzise iintyatyambo ezinemibala eyahlukeneyo.



Nceda isigcawu sigqibezele izibalo.



Zingaphi iintliziyo?



Yenza esakho isibalo.

□ + □ = □

0 1 2 3 4 5 6 7 8 9 10



Tshatisa izibini zamanani ukuze wenze la manani alandelayo.

13

7	5
8	4
9	6
10	2
11	3

11

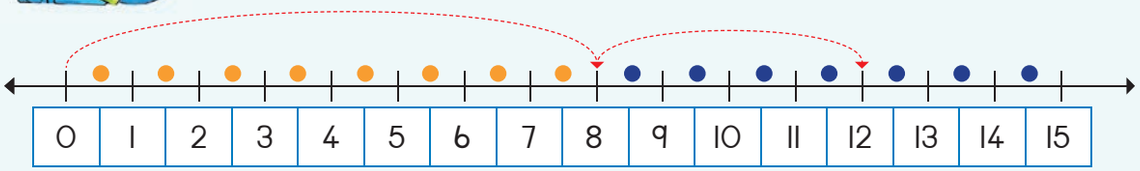
6	7
7	4
3	8
4	5
5	6

12

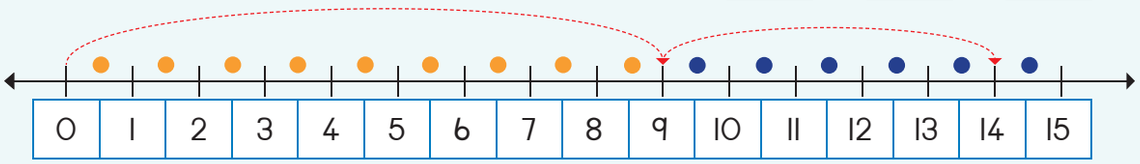
8	6
10	1
4	8
11	4
6	2



Bhala isivakalisi - manani soku:



□ + □ = □



□ + □ = □

Uhlaziyo:

Uhlaziyo: Fakela umbala kwimpendulo echanekileyo.

			
imbonakalo yangaphambili	imbonakalo yangaphambili	imbonakalo yangaphambili	imbonakalo yangaphambili
imbonakalo yangasemva	imbonakalo yangasemva	imbonakalo yangasemva	imbonakalo yangasemva
imbonakalo yasecaleni	imbonakalo yasecaleni	imbonakalo yasecaleni	imbonakalo yasecaleni

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

73

Umhla:

Ukudibanisa nokuthabatha – ukwakha nokucalula

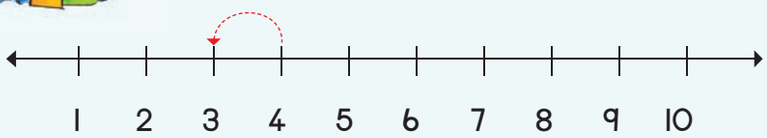
Uhlaziyo:

Ziqhelise ukubhala inani ngamagama.

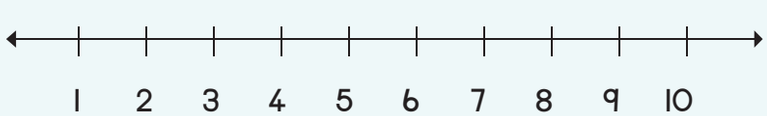
9 zilithoba



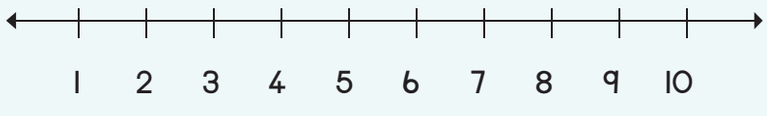
Bhala impendulo.



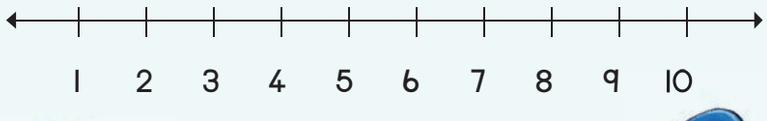
4 – 1 = ☐



5 – 3 = ☐



4 – 2 = ☐



5 – 2 = ☐

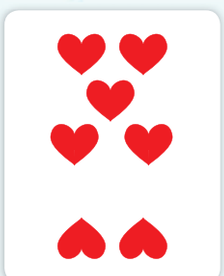


Nceda isigcawu sigqibezele izibalo.

7	–5	☐
8		☐
10		☐
5		☐



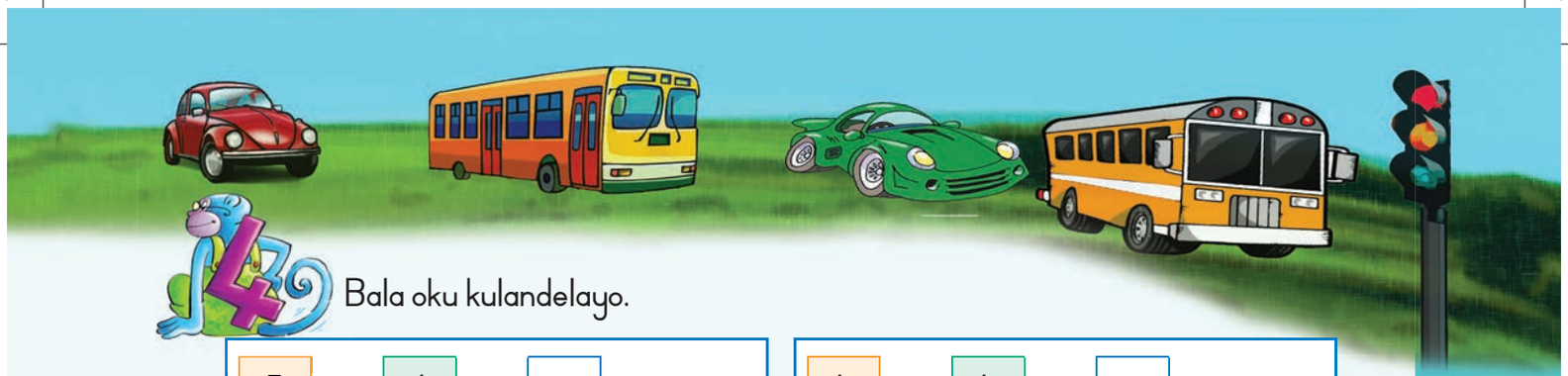
Zingaphi iintliziyo?



Yenza esakho isibalo.

☐ + ☐ = ☐

0 1 2 3 4 5 6 7 8 9 10



4 Bala oku kulandelayo.

7	+	4	=		6	+	6	=	
7	+	4	+	1	=		6	+		+		=	
10	+	1	=			10	+		=	

13	–	6	=		12	–	8	=	
13	–	3	+	3	=			–		+		=	
10	–	3	=			10	–	3	=	

5 Bhala iimpendulo uze ufakele imibala uzobe.

8 + 6 = ☐

Oku singakubonisa ngale ndlela:

(8 + 2) + 4 = ☐ → 10 + 4 = ☐

15 – 7 = ☐

Oku singakubonisa ngale ndlela:

(15 – 5) – 2 = ☐ → 10 – 2 = ☐

9 + 4 = ☐

Oku singakubonisa ngale ndlela:

(9 + 1) + 3 = ☐ → ☐

14 – 5 = ☐

Oku singakubonisa ngale ndlela:

(–) – 1 = ☐ → 10 – 1 = ☐

Uhlaziyo:

Ziqhelise ukubhala inani ngamagama.

10 lishumi

Teacher:
Sign:
Date:

Umhla:

Ubude

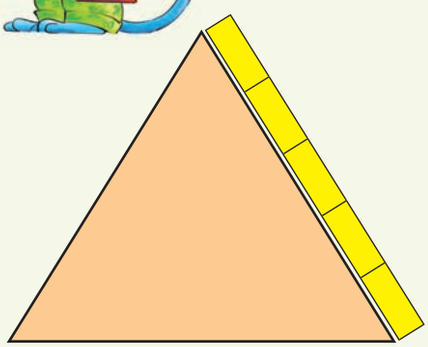
Ikota 3

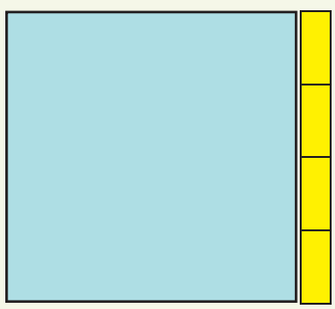
Jonga umfanekiso uze uphendule imibuzo.

Jabu	Pam	Nomsa	Ken
			

Ngubani oyena mde?	Ngubani eyona nkwenkwe imfutshane?
Ngubani oyena mfutshane?	Ngubani eyona ntombazana inde?

Amacala ezi milo made kangangeebloko ezingaphi?







0 1 2 3 4 5 6 7 8 9 10



Xela ubude nobubanzi betafile ngokweebloko neepenisile.



Ububanzi ziibloko ezi_____.

Ubude ziibloko ezi_____.

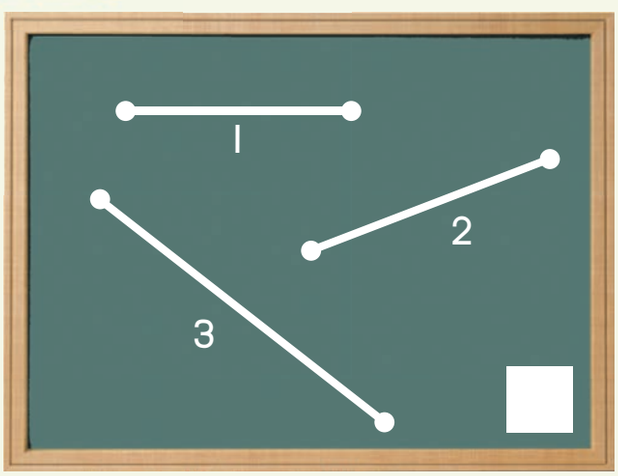


Ububanzi ziibloko ezi_____.

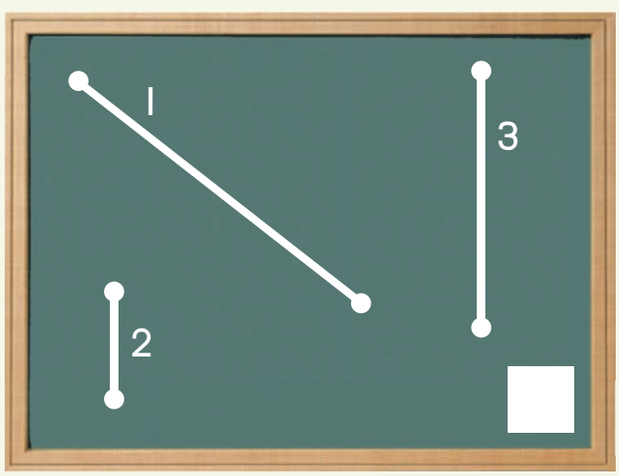
Ubude ziibloko ezi_____.



Ngowuphi umgca omfuthane kakhulu?
Ngumgca 1, 2 okanye 3?



Ngowuphi umgca omde kakhulu?
Ngumgca 1, 2 okanye 3?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Umhla:

Imali netshintshi

Ikota 3

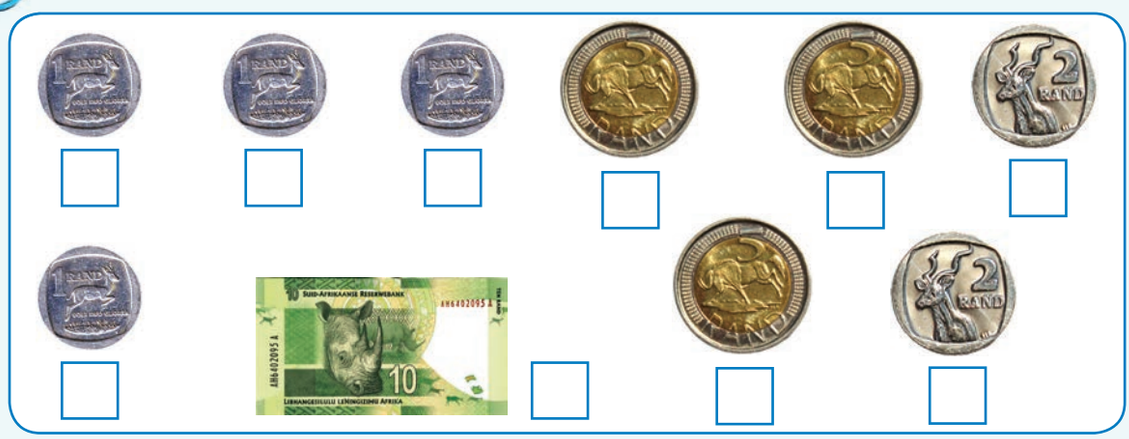
Phawula esona sixa siphezulu kumqolo ngamnye.



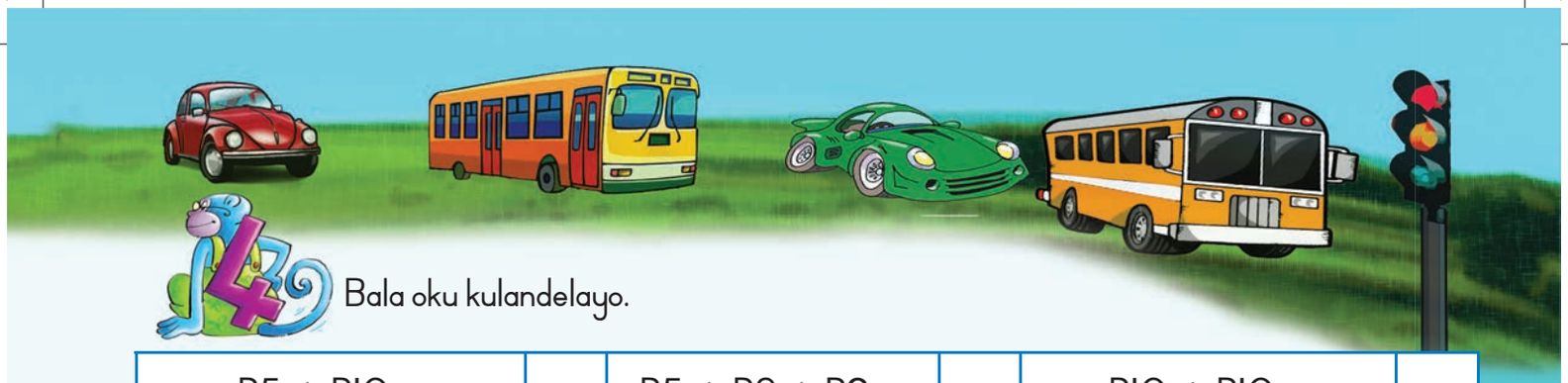
Phawula iingqekembe zemali eziza kukunika ii-R10.



Phawula iingqekembe zemali eziza kukunika ama-R20.



0 1 2 3 4 5 6 7 8 9 10



Bala oku kulandelayo.

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

Sombulula ezi zibalo:

Ndinengqekembe yee-R2 neyee-R5. Umhlobo wam yena uneengqekembe zee-R2 ezintathu. Ngubani oneyona mali ininzi?

Ndinengqekembe yee-R5 neye-RI. Umhlobo wam yena uneengqekembe zee-R5 ezintathu. Ngubani oneyona mali ininzi?

Ndinee-RI5:

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

Bala oku kulandelayo:

Ndinee-RI5. Ndihlawule ipakethe yeetshiphusi ngee-R6. Ndishiyekelwe yimalini?

Yenze ibe nganeno ngee-R2.

RII		R4	
RI2		R6	
RIO		R8	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Umhla:

Imali netshintshi

Zoba iingqekembe zemali ezenza oku:

RII	
RI2	
RI3	
RI4	

Phawula uze ubhale impendulo echanekileyo.

RI8 – R8 =	RIO



RI2 – R2 =	

RI5 – R4 =	



RI4 – R7 =	

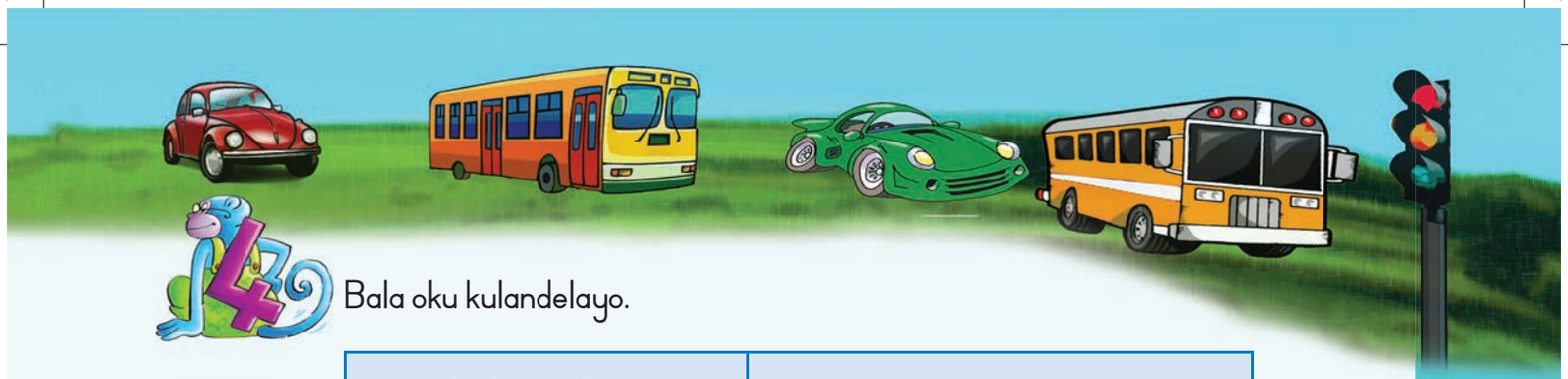
Bala oku kulandelayo:

RI5 – RIO =	
RIO – RI – RI – R2 =	

R20 – R2 – R8 =	
R5 – R4 =	

R20 – R5 =	
RIO – RI – R5 – R2 =	

0 1 2 3 4 5 6 7 8 9 10



Bala oku kulandelayo.

Ndinee -R15. Ndithenge nge -	Ndishiyekelwe yimalini?
R2 okanye R4 =	R9
R8 okanye R4 =	
R12 okanye R2 =	
R5 okanye R5 =	
R8 okanye R7 =	
R10 okanye R2 =	
R8 okanye R2 =	
R6 okanye R2 =	
R4 okanye R2 =	
R2 okanye R2 =	
R9 okanye R6 =	
R10 okanye R2 =	

Ndinee -R15. Ndithenge ipakethe yeelekese ngee -R11.
Zoba umfanekiso ubonise ukuba ushiyekelwe yimalini.



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Umhla:

Imali: Ukudibanisa nokuthabatha



Bala oku kulandelayo:

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



Bala oku kulandelayo:

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

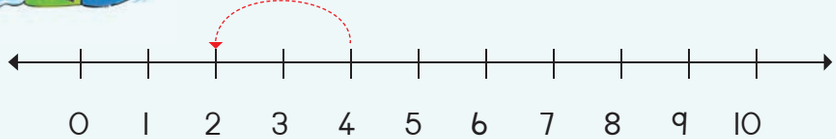


Nceda isigcawu sigqibezele zonke izibalo.

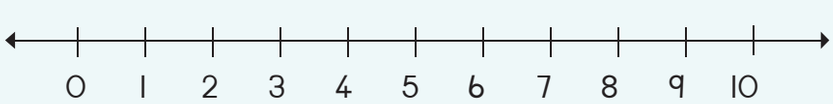
R16	−R4	
R14		
R10		
R12		



Yenze ibe ngaphantsi ngee -R2.



R4 − R2 =

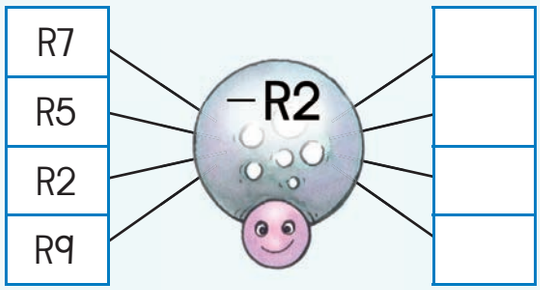


R7 − R2 =

0 1 2 3 4 5 6 7 8 9 10



5 Nceda isigcawu senze zonke izibalo zokuthabatha.



Sombulula ezi zibalo zilandelayo.

Ubunee-R12. Umama wakho ukuphe ii-R5. Unamalini ngoku iyonke?

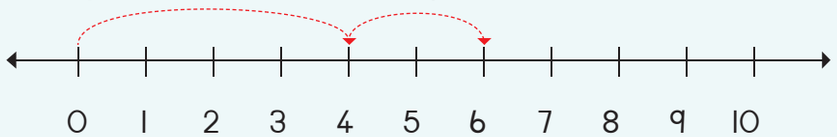
Unee-R19. Uthenge iilekese ngee-R8. Unamalini eshiyekileyo?

7 Ndigcine malini?



8 Bonisa isibalo kumgca-manani uze ubhale impendulo.

R4 + R2 = ☐



R8 + R2 = ☐



Teacher:
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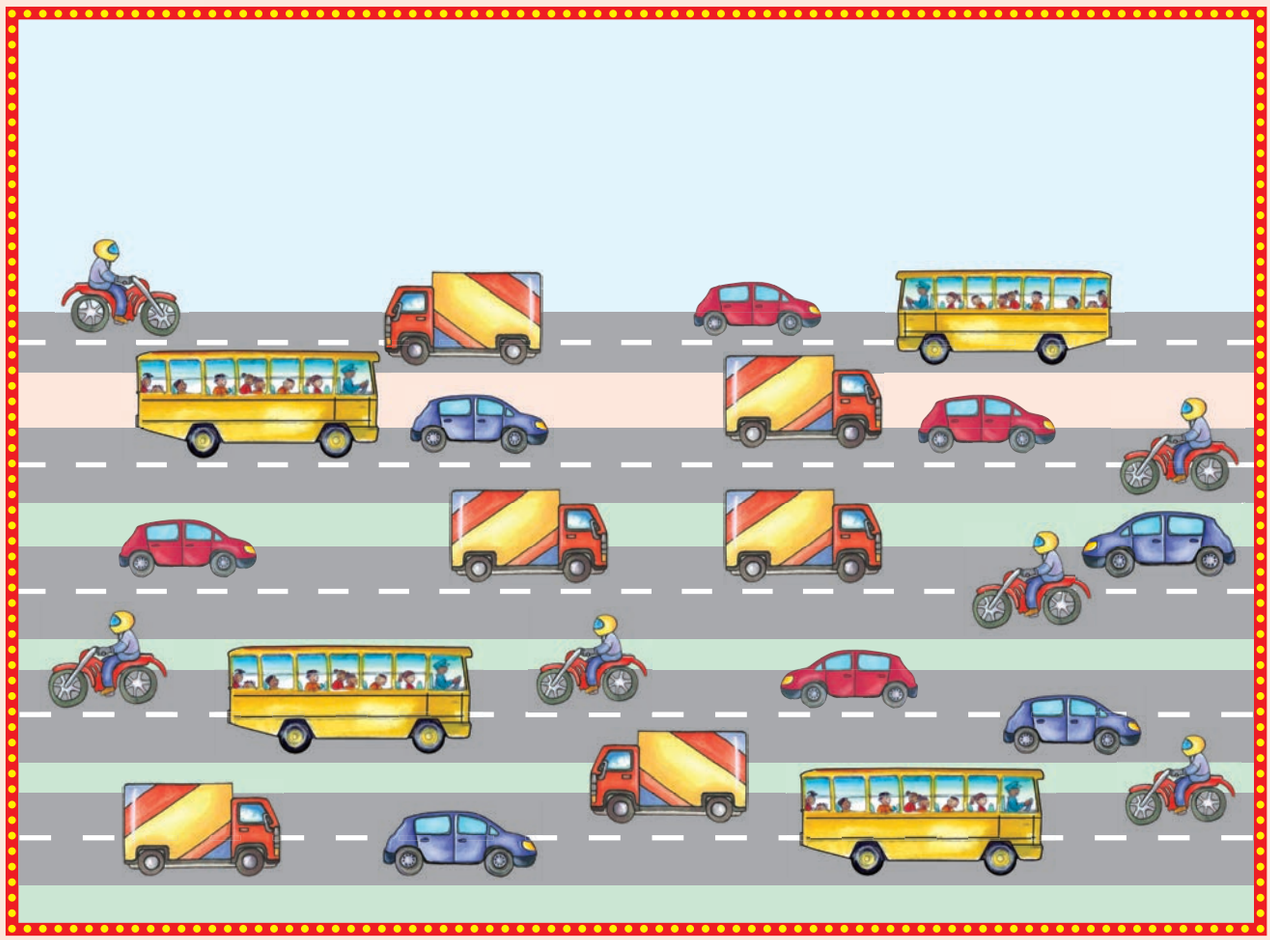
Date:

Umhla:

Iinkcukacha

Bala ukuba zingaphi izithuthi ozibonayo kuhlobo ngalunye.











0 1 2 3 4 5 6 7 8 9 10



Bala iimilo uze ufakele imibala kwitshathi engasezantsi ubonise ukuba zingaphi ezikhoyo kuhlobo ngalunye.
Wakugqiba phendula imibuzo.



5						
4						
3						
2						
1						
	▲	●	■	♥	★	⬮

Ezona zininzi _____.

Ezona zimbalwa _____.

Teacher:
Sign:
Date:

Umhla:

Iinkcukacha nexesha

Ikota 3

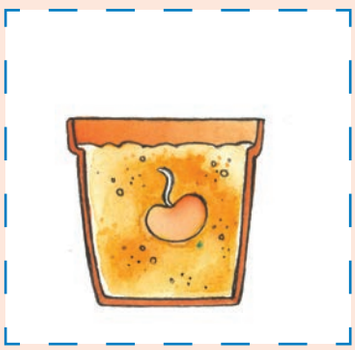
Ncokola ngale mifanekiso uze uyibeke ngokulandelelana kwayo kakuhle.



1



2



3

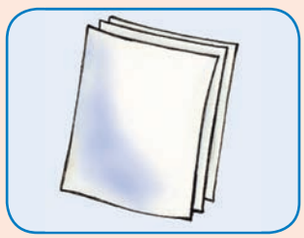


4

0 1 2 3 4 5 6 7 8 9 10



Sebenzisa amakhadi okuhlela akuMsiko I ugqibezele le grafu yemifanekiso.



Teacher:
Sign:
Date:

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Umhla:

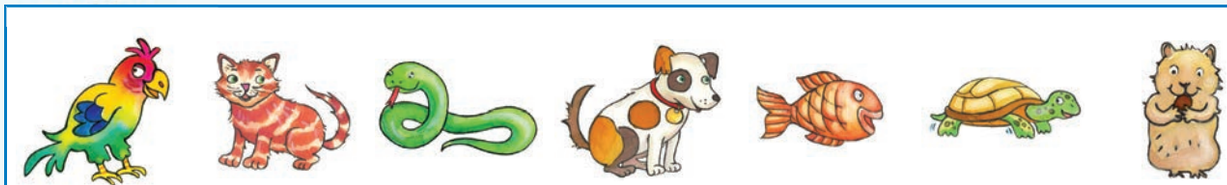
Amaqela ezihlanu ukuya kufikelela kwi-15

Uhlaziyo:

Ziqhelise ukubhala inani ngamagama.

5 zintlanu

Jonga umfanekiso uze uphendule umbuzo.



Mangaphi amaqela ezi-5 onokuwenza?

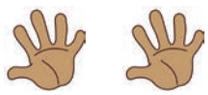
Jonga umfanekiso.
Singakubhala ngolu hlobo oku:



Iqela elinye lesi-5 sisi-5

Zoba apha owakho umfanekiso.

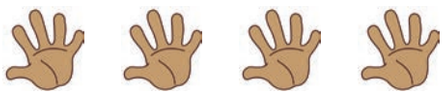
Bala iminwe uze ubhale impendulo.



5 + 5 =



5 + 5 + 5 =



5 + 5 + 5 + 5 =

Amaqela ama-2 ezihlanu li-10

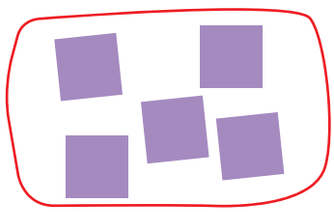
0 1 2 3 4 5 6 7 8 9 10



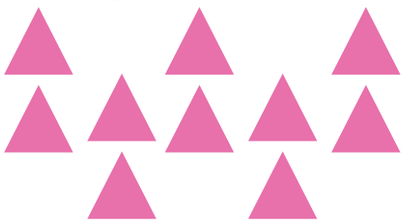
Biyela ngezangqa ezi zinto ukuze wenze oku:

Bhala izivakalisi - manani zoku:

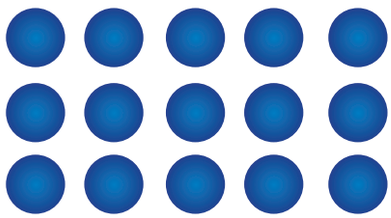
Iqela eli - 1 lesi - 5



Amaqela ama - 2 ezi - 5



Amaqela ama - 3 ezi - 5



Mangaphi amaqela ezihlanu ongawenzayo?

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Umhla:

Izihlanu: ukudibanisa okuphindiweyo ukuya kwi-15

Uhlaziyo:

Uhlaziyo: Fakela amanani ashiyiweyo.





Zingaphi iinzwane okanye iminwe ekhoyo?
Bhala isivakalisi-manani.







Zoba:

Iqela leebhanana ezintlanu

Amaqela amabini eentyatyambo ezintlanu lilinye



Zoba iimilo.

5 + 5 = 10

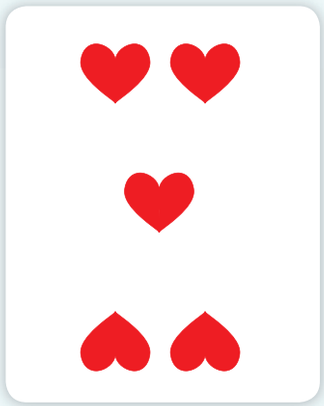
5 + 5 + 5 =

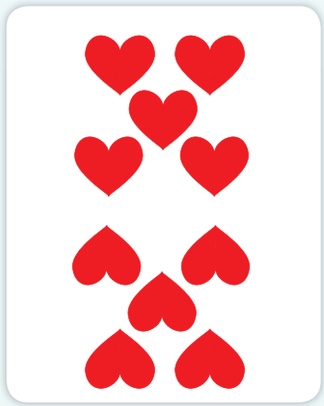


0 1 2 3 4 5 6 7 8 9 10

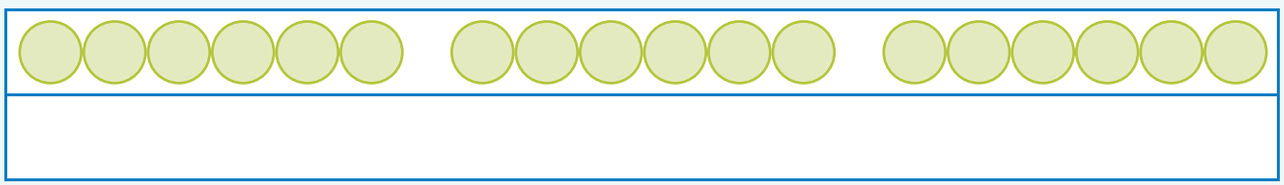


Biyela uze ubale ukuba mangaphi amaqela ezihlanu onokuwenza kwikhadi ngalinye.





Bhala isivakalisi - manani:



Sebenzisa imibala eyahlukeneyo ubonise amanani oza kuwasebenzisa ekwenzeni amaqela ezihlanu.

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

Mangaphi amaqela ezihlanu onokuwenza?

1	ne	14	ziza kwenza amaqela	
13	ne	2	ziza kwenza amaqela	
8	ne	2	ziza kwenza amaqela	
7	ne	8	ziza kwenza amaqela	
9	ne	2	ziza kwenza amaqela	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



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Umhla:

Izihlanu ukuya kufikelela kwi-15

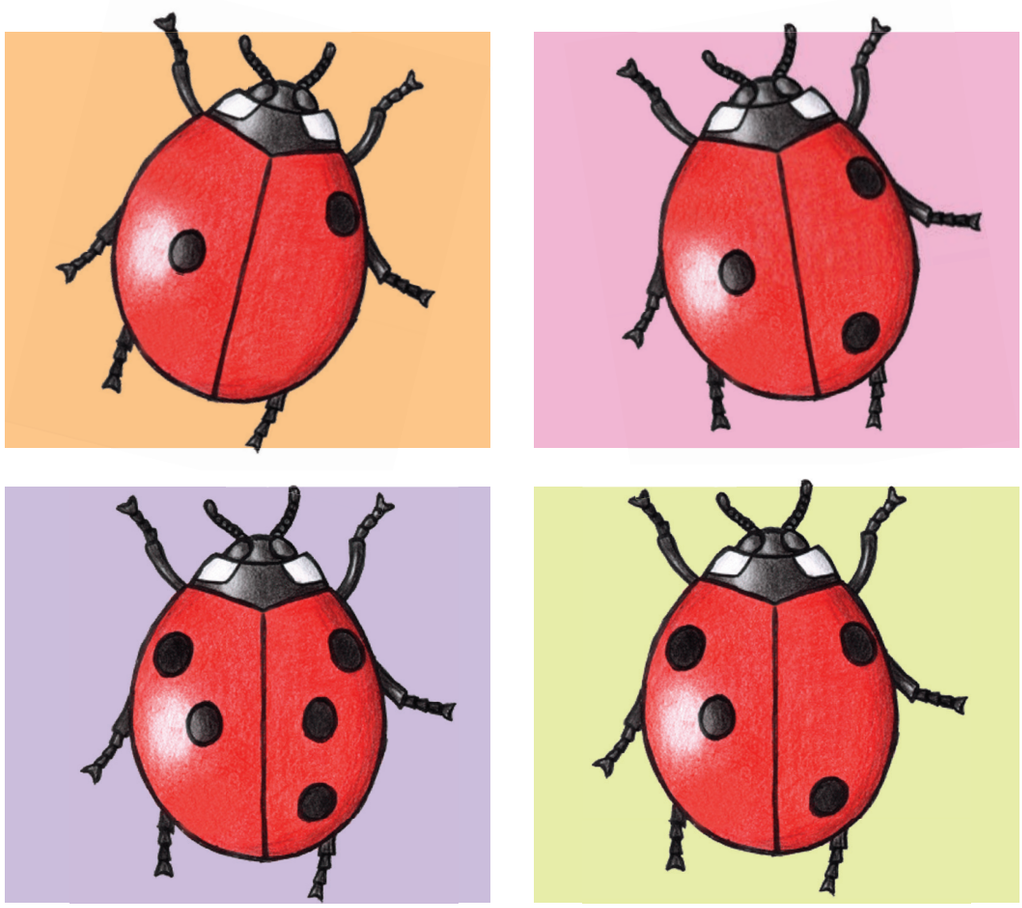


Fakela amanani ashiyiweyo.

1		3		5		7	8	9	
11	12								



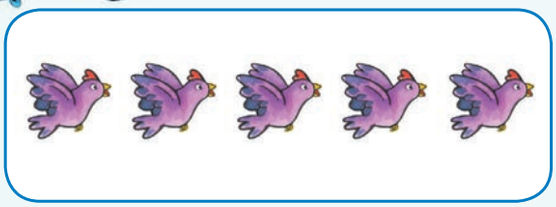
Yenza amaqela ezihlanu. Ubhantom ngamnye kufuneka abe neqela lamachokoza amahlanu kwiphiko ngalinye.
Zoba amachokoza angekhoyo.

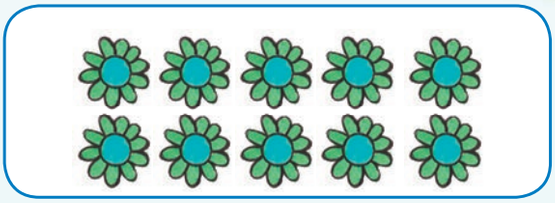


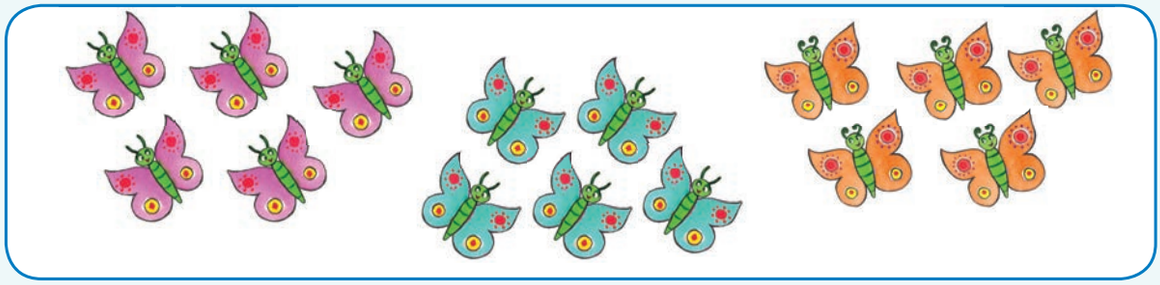
0 1 2 3 4 5 6 7 8 9 10



3 Bhala isivakalisi - manani.





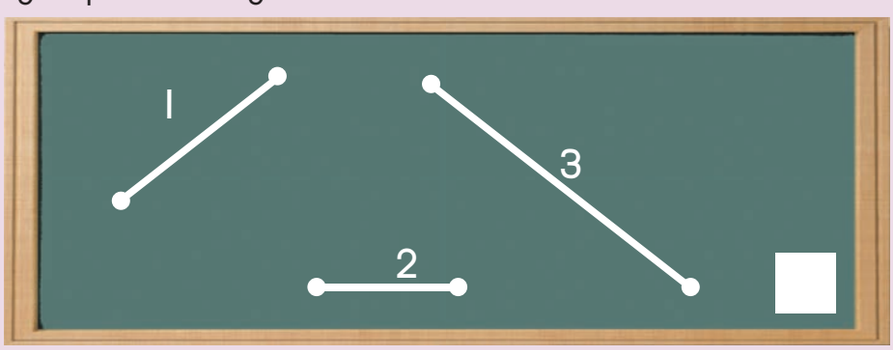


4 Bala.

0	+	5	=		5	+	5	+	5	=	
5	+	5	=		5	+	5	+	5	+	5	=	

Uhlaziyo:

Uhlaziyo: Ngowuphi owona mgca umde?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Umhla:

Iipatheni zamanani zezihlanu ukuya kutsho kuma-50

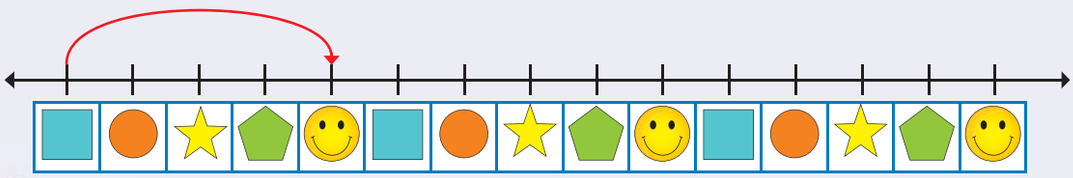


Gqibezela iipatheni zezihlanu ngokufakela imibala kula manani.

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

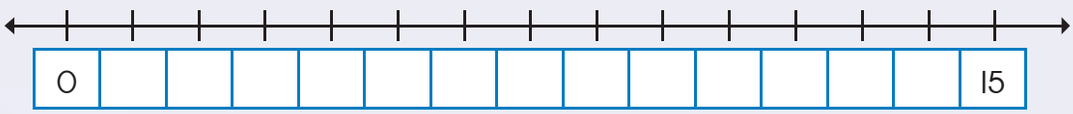


Zoba izazinge ubonise amaqela ezihlanu.





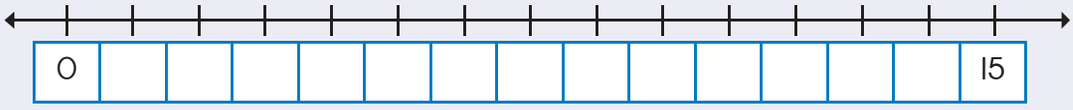
Bhala amanani ashiyiweyo uze wenze izazinge ubonise amaqela ezihlanu.





Gqibezela umgca-manani. Zoba izazinge ubonise amaqela ezihlanu.

Kukho amaqela ezihlanu a ____ .



0 1 2 3 4 5 6 7 8 9 10



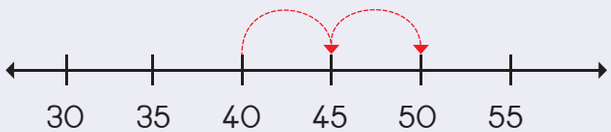
Sika amanani ashiyiweyo kuMsiko 2 uze uwafake kumgca-manani.

	31	32	33	34		36	37	38	39	

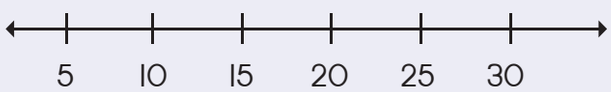
	41	42	43	44		46	47	48	49	

Zoba izazinge ubonise oku:

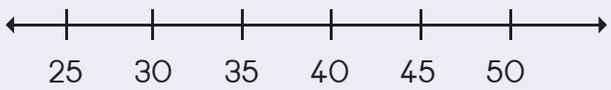
40, 45, 50



10, 15, 20



25, 30, 35



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Umhla:

Iipatheni zamanani zezihlanu ukuya kutsho kuma-80



Mangaphi amaqela ezihlanu owabonayo emfanekisweni?





Gqibezela le mifanekiso ubonise amaqela ezihlanu.

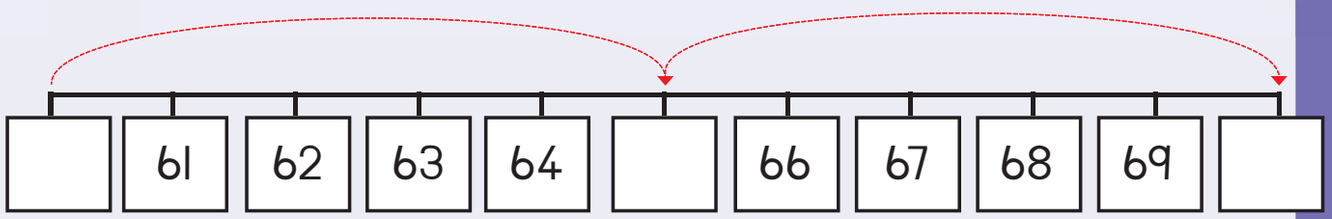




0 1 2 3 4 5 6 7 8 9 10

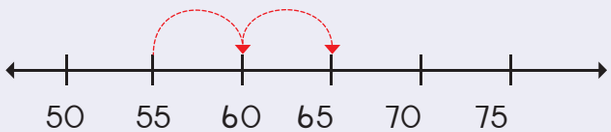


Sika amanani ashiyiweyo kuMsiko 2 uze uwafake kwimigca-manani.

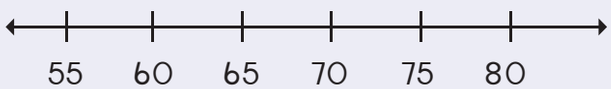


Zoba izazinge ubonise oku kulandelayo:

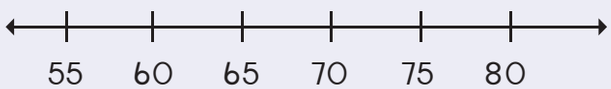
55, 60, 65



65, 70, 75



70, 75, 80



Teacher:
Sign:
Date:



Umhla:

Iziphindwa kabini

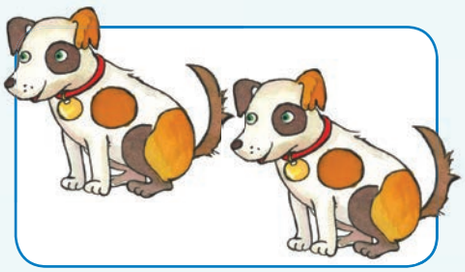
Ikota 3



Phinda kabini ezi zinto uze ubhale impendulo.

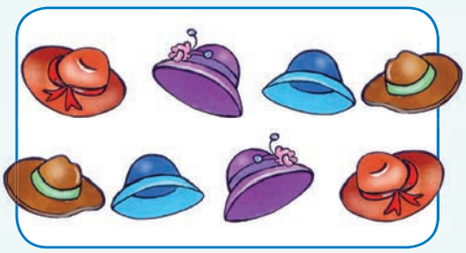


u-1 ophindwe kabini ☐





Ezi-4 eziphindwe kabini ☐



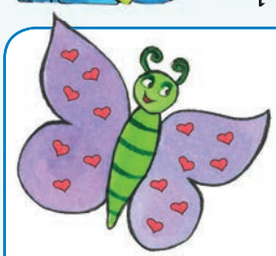


Ezi-5 eziphindwe kabini ☐





Bala iimilo ezikwiphiko ngalinye lebhabhathane.
Gqibezela izivakalisi-manani zokuphindwa kabini.



7 + 7 =
Okanye
Ezi-7 eziphindwe kabini =

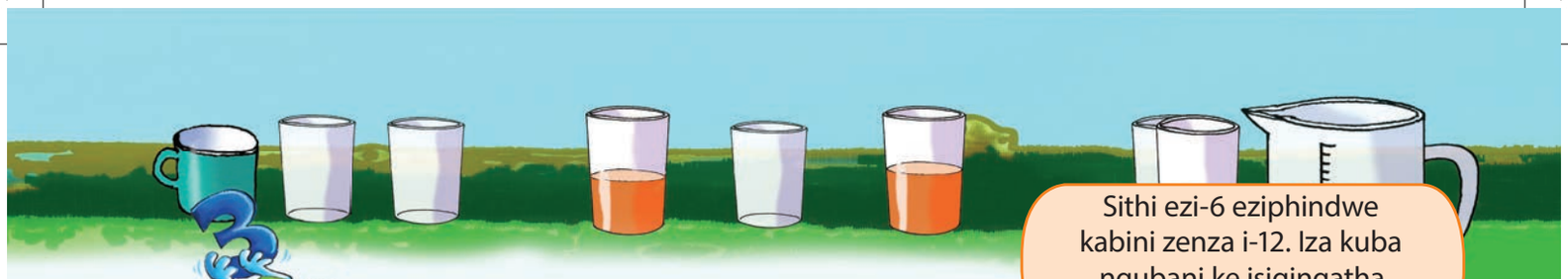


5 + 5 =
okanye
Ezi-5 eziphindwe kabini =

2 + 2 =
okanye
Ezi-2 eziphindwe kabini =

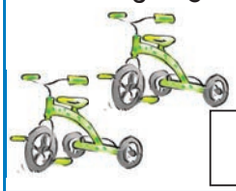
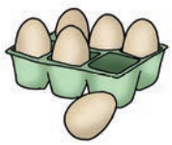
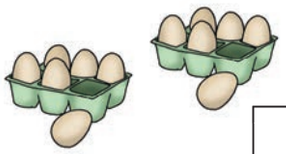


0 1 2 3 4 5 6 7 8 9 10



Sithi ezi-6 eziphindwe kabini zenza i-12. Iza kuba ngubani ke isiqingatha se-12? _____

Gqibezela:

Mangaphi amavili owabonayo?	Mangaphi amavili owabonayo ngoku?	Mangaphi amaqanda asetryini?	Mangaphi amaqanda akhoyo ngoku?
			

Bala amachokoza uze uwaphinde kabini.

1	phinda kabini →		2		
2	phinda kabini →				
3	phinda kabini →				
4	phinda kabini →				
5	phinda kabini →				

Phinda kabini amanani.

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

Gqibezela oku kulandelayo:

Zingaphi iintsuku evekini?

C	Mv	Lb	Lt	Ln	Lhl	Mgq

Zingaphi iintsuku kwiiveki ezimbini?

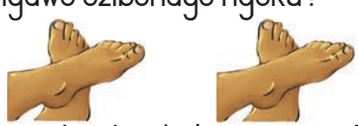
C	Mv	Lb	Lt	Ln	Lhl	Mgq	C	Mv	Lb	Lt	Ln	Lhl	Mgq

Sithi ezi-7 eziphindwe kabini zenza i-14. Iza kuba ngubani ke isiqingatha se-14?

Zingaphi iinyawo ozibonayo?



Zingaphi iinyawo ozibonayo ngoku?



Sithi ezi-2 eziphindwe kabini zenza-4. Iza kuba yintoni isiqingatha sesi-4?

Gqibezela:

2 + 2 + 1 =	5	okanye	Phinda kabini 2 + 1 = 5
4 + 4 + 1 =		okanye	
7 + 7 + 1 =		okanye	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

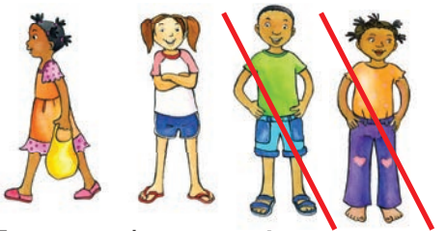


Umhla: _____

Iziqingatha



Hlaba isiqingatha sabantwana uze ubhale impendulo.



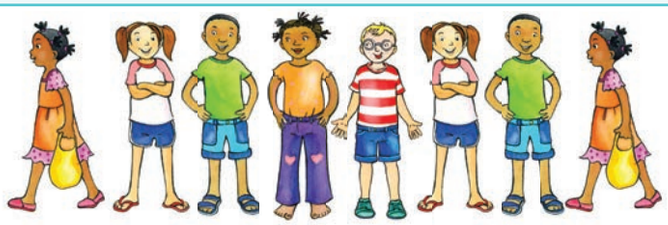
Isiqingatha sezi-4 sisi ____



Isiqingatha sezi-6 sisi _____



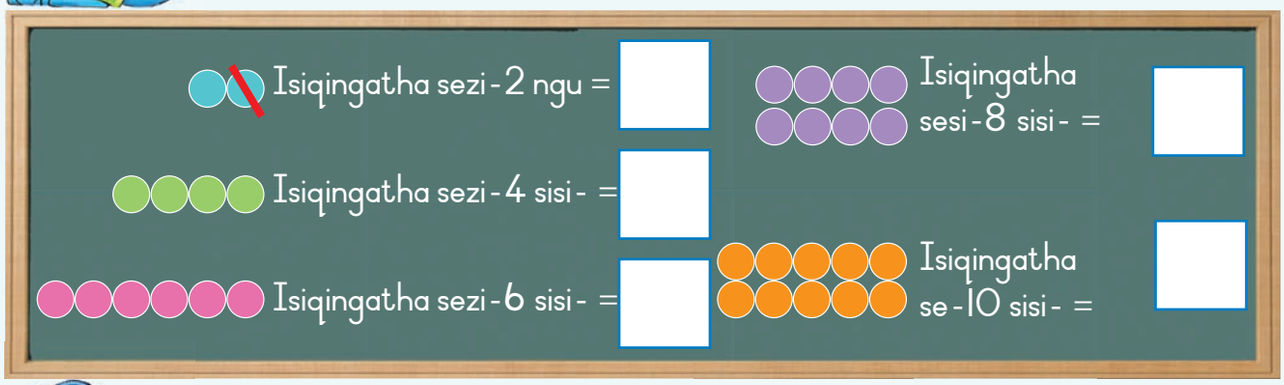
Isiqingatha sezi-2 ngu ___



Isiqingatha sezisi-8 sisi _____

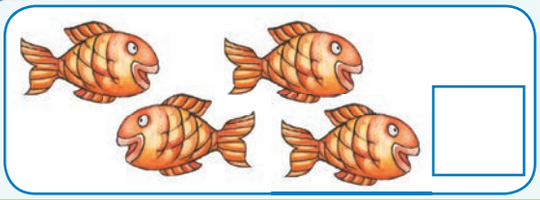


Hlaba isiqingatha uze ubhale impendulo.



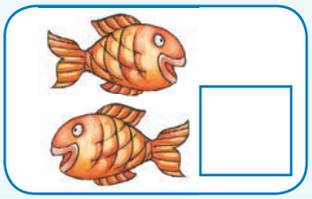


Zingaphi iintlanzi ezikhoyo?

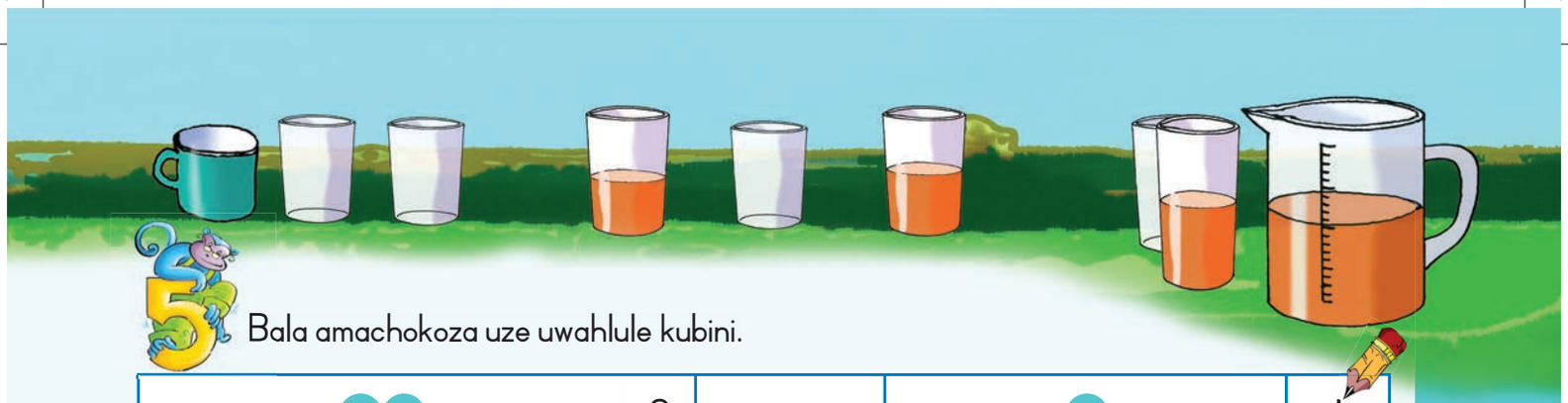




Sithini/Ngubani isiqingatha seentlanzi?



0 1 2 3 4 5 6 7 8 9 10



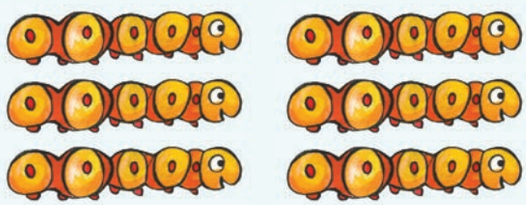
5 Bala amachokoza uze uwahlule kubini.

●●	2	yahlula kubini →	●	1
●●●●	4	yahlula kubini →	●●	
●●●●●●	6	yahlula kubini →	●●●	
●●●●●●●●	8	yahlula kubini →	●●●●	
●●●●●●●●●●	10	yahlula kubini →	●●●●●	

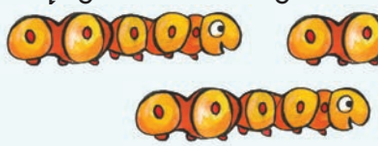
Yahlula kubini amanani.

4	yahlula kubini →	2
8	yahlula kubini →	
6	yahlula kubini →	
10	yahlula kubini →	
12	yahlula kubini →	
14	yahlula kubini →	

7 Mingaphi imibungu ekhoyo?

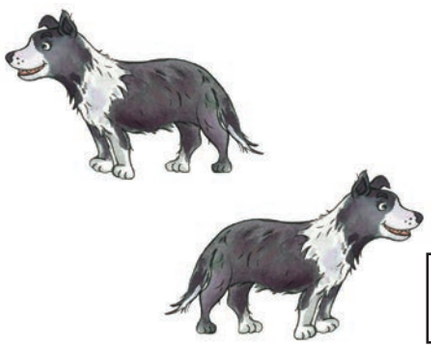


Isiqingatha semibungu:



Nika impendulo:

Mingaphi imilenze ekhoyo?



Mingaphi imilenze ekhoyo ngoku?



Sithi isiqingatha sesi-8 sisi

Teacher:
Sign:
Date:

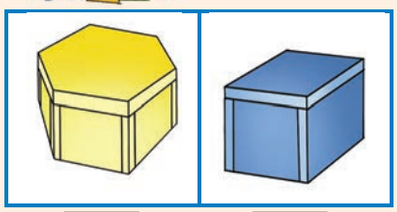


Umhla:

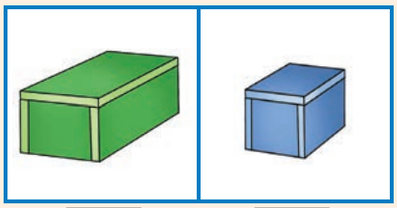
Izinto ezinemilinganiselo emi-3 (3D)



Phawula eyona incinane.

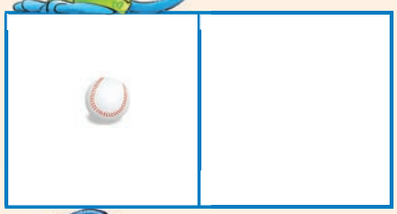


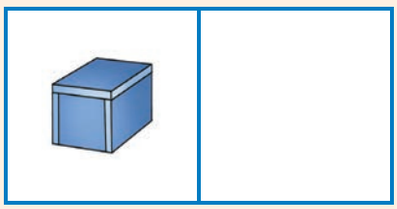






Zoba enkudlwana kwicala langasekunene lomfanekiso ngamnye.

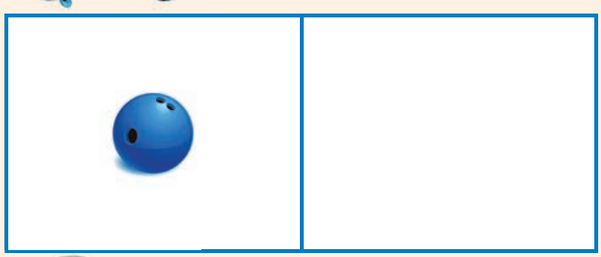




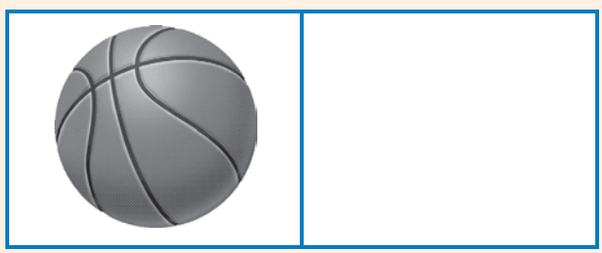




Zoba ibhola enkudlwana kunebhola ezuba.

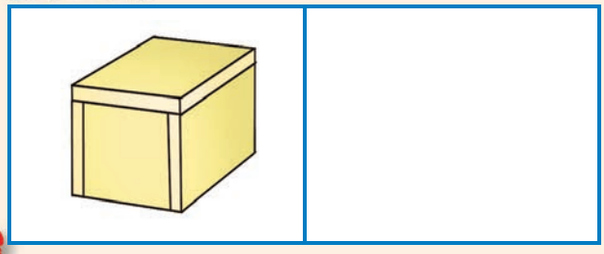


Zoba ibhola encinane kunebhola engwevu.

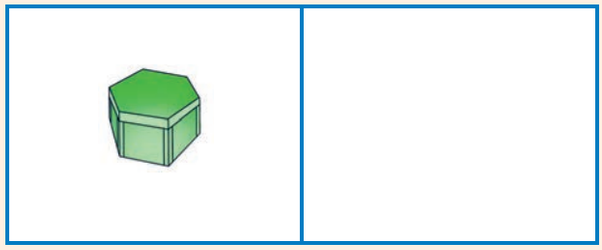




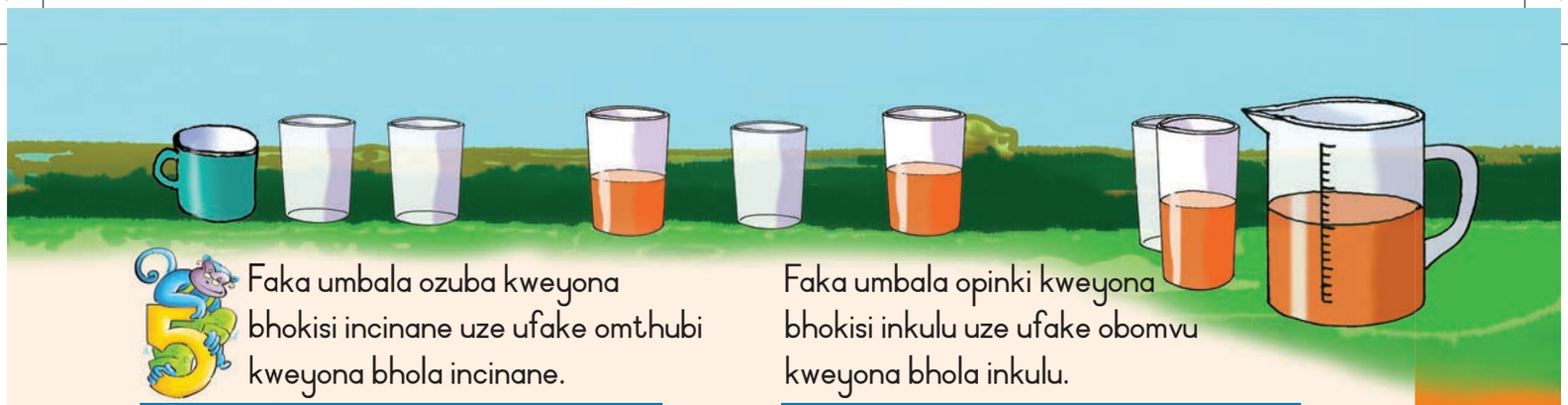
Zoba ibhokisi encinane kunebhokisi emthubi.



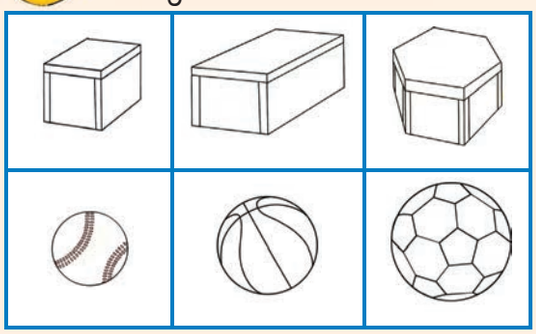
Zoba ibhokisi enkudlwana kunebhokisi eluhlaza.



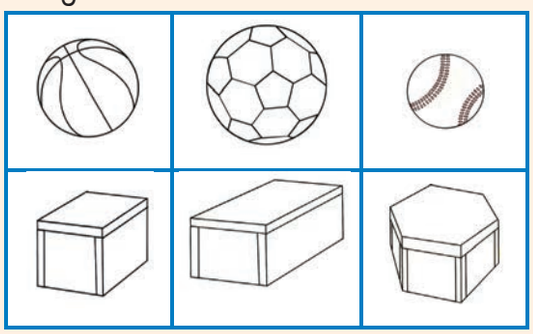
0 1 2 3 4 5 6 7 8 9 10



Faka umbala ozuba kweyona bhokisi incinane uze ufake omthubi kweyona bhola incinane.



Faka umbala opinki kweyona bhokisi inkulu uze ufake obomvu kweyona bhola inkulu.



Ungakwazi ukwakha eyona ncochoyi iphezulu ngezi zinto?







Faka umbala ku-ewe okanye ku-hayi

ewe	hayi

ewe	hayi

ewe	hayi

Sika imifanekiso kwimagazini okanye kwiphephandaba uze uyincamathelise ukuze uzenzele iincochoyi zakho ezimbini.

Khumbula ukuba ezi ncochoyi kufuneka zingawi.

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Umhla:

Izinto ezinemilinganiselo emi-3 (3D) – ezitshebelezayo neziqengqelekayo



Ingaba ezi zinto ziyaqengqeleka okanye ziyatyibilika?
Faka umbala kwimpendulo echanekileyo.



iyaqengqeleka	iyatyibilika



iyaqengqeleka	iyatyibilika



iyaqengqeleka	iyatyibilika



iyaqengqeleka	iyatyibilika



Ingaba kungenzeka oku?
Faka umbala kwimpendulo echanekileyo.



ewe	hayi



ewe	hayi



ewe	hayi

0 1 2 3 4 5 6 7 8 9 10



Hlela ezi zinto zilandelayo ngokuthi uzizobe kwibloko echanekileyo.



Iibhola	Iibhokisi

Hlela ezi zinto ngokobukhulu bazo uze uzizobe.



Iibhola ezincinci	Iibhokisi ezincinci
Iibhola ezinkulu	Iibhokisi ezinkulu

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Iipatheni zejometri

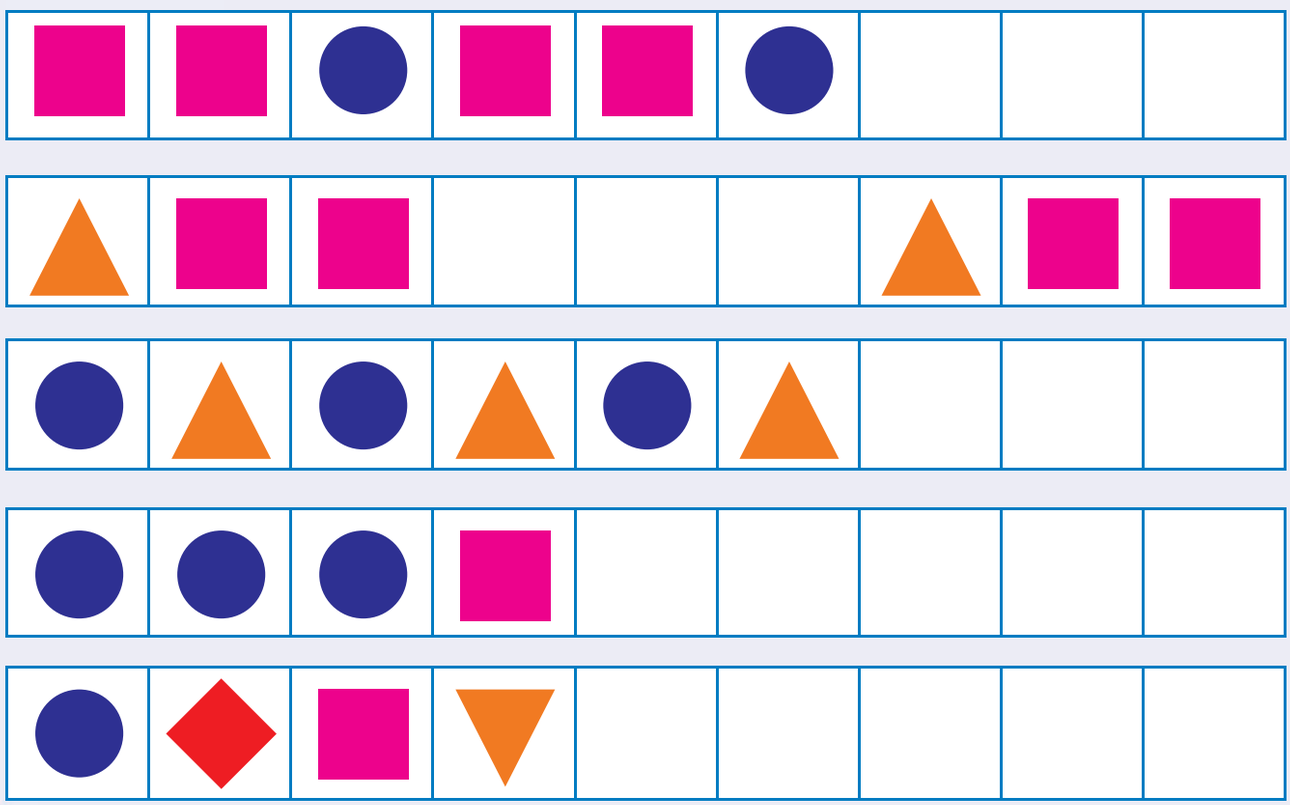
Uhlaziyo:

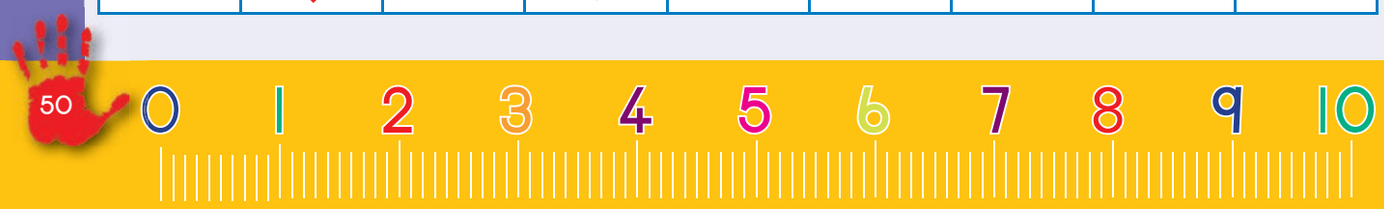
Zoba ezi zinto:

uxande	isikwere	isangqa



Gqibezela ipatheni.







Zoba imifanekiso ukuze uqhubeke nepatheni.



Zoba eyakho ipatheni.

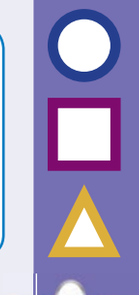


Ncamathelisa imifanekiso wenze eyakho ipatheni.



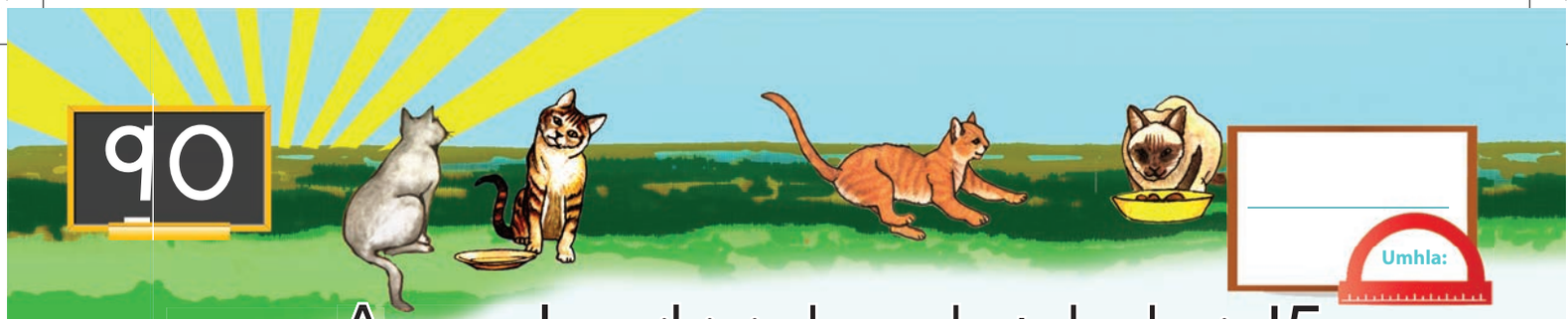
Gqibezela le patheni.

A	B	C	A	B	C				A	B	C



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



90

Umhla:

Amaqela ezibini ukuya kutsho kwi-15



Bhala eli nani ngamagama.

2	zimbini



Phendula imibuzo.



Bangaphi oonombombiya obabonayo? ☐

Zingaphi izibini zamanqina ozibonayo? ☐

Bhala isivakalisi-manani.



Phendula imibuzo.

Zingaphi iincwadi ezikhoyo? ☐

Ndingenza amaqela ezibini amangaphi? ☐

Bhala isivakalisi-manani.





Bhala inani ngamagama.

4	



Bala amaphiko, wakugqiba bhala impendulo yakho.



2 + 2 =



2 + 2 + 2 =



2 + 2 + 2 + 2 =



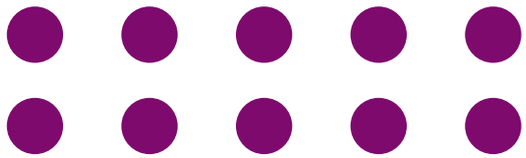


Biyela ngezangqa ukuze wenze:

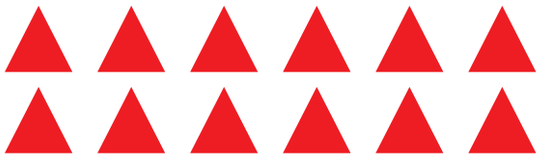
Amaqela ama-4 ezi-2



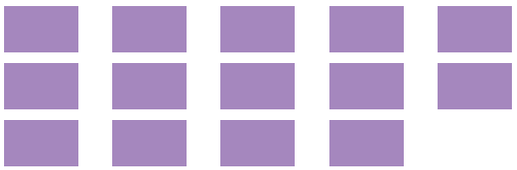
Amaqela ama-5 ezi-2



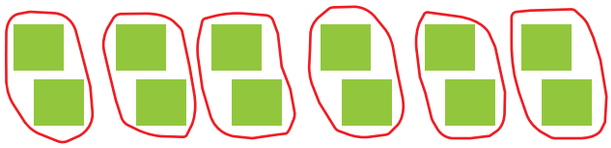
Amaqela ama-6 ezi-2

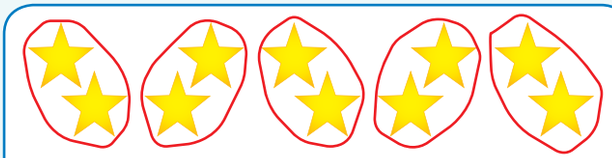


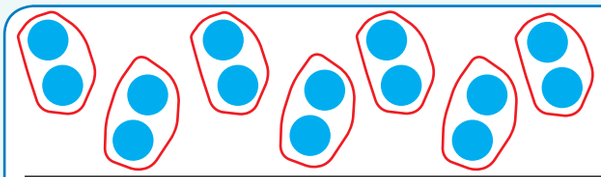
Amaqela asi-7 ezi-2

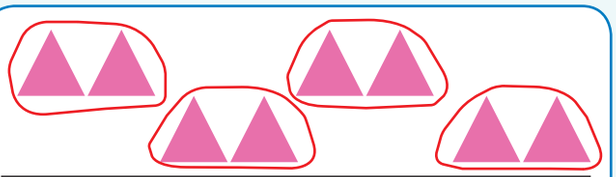


Bhala isivakalisi-manani.









Mangaphi amaqela ezibini onokuwenza?

i-13 ne-1 zingenza	amaqela a
i-11 ne-1 zingenza	amaqela a
i-9 ne-1 zingenza	amaqela a
Ezi-7 ne-1 zingenza	amaqela a

i-12 ne-1 zingenza	amaqela a
Ezi-5 ne-1 zingenza	amaqela a
u-1 ne-1 bangenza	iqela eli
i-10 ne-0 zingenza	amaqela a

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Date:

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Umhla:

Ukudibanisa izibini eziphindiweyo ukuya kutsho kwi-15



Mangaphi amanqina akhoyo?

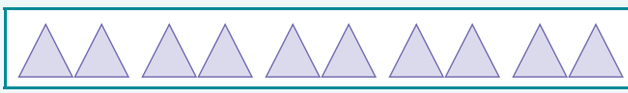


Uwabale njani?



Zoba iimilo ubonise oku kulandelayo:

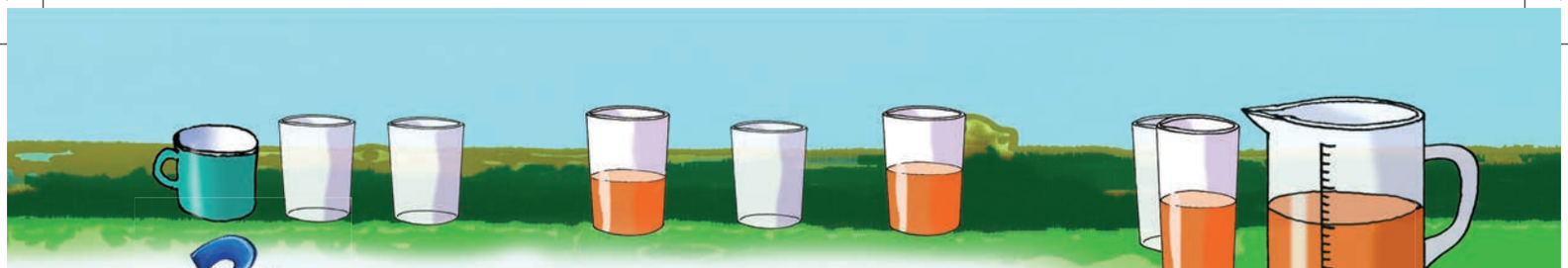
2 + 2 + 2 + 2 + 2 = ☐



2 + 2 + 2 + 2 + 2 + 2 + 2 = ☐

2 + 2 + 2 + 2 = ☐

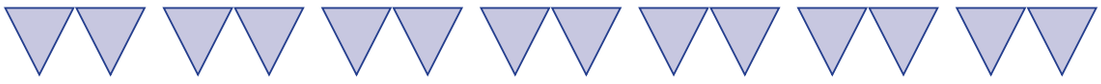
2 + 2 + 2 + 2 + 2 + 2 = ☐



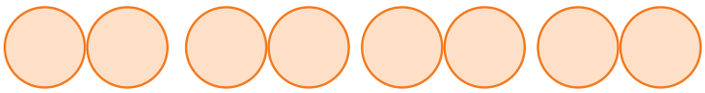
Bhala izivakalisi - manani.



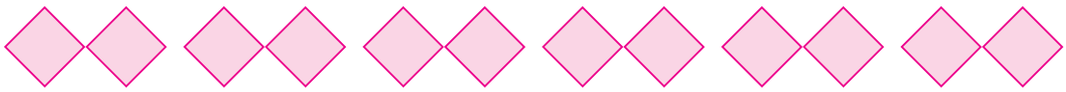
2 + 2 + 2 + 2 + 2 = ☐



☐

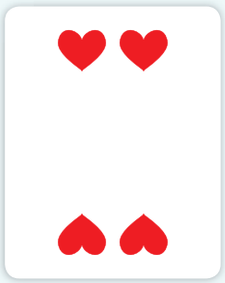


☐

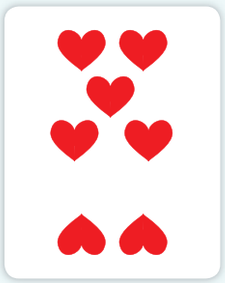


☐

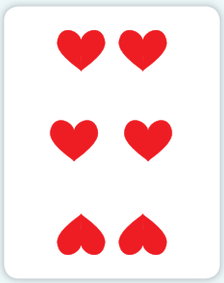
Biyela uze ubale inani lamaqela ezibini onokuwenza kwikhadi ngalinye.



☐



☐



☐

Gqibezela le patheni yamanani oza kuwasebenzisa ekwenzeni amaqela ezibini.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

92



Umhla:

Izibini ukuya kutsho kwi-15

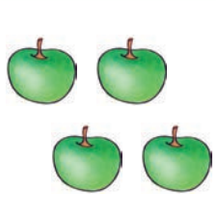


Fakela amanani ashiyiweyo.

1		3		5		7		9	
11		13		15					

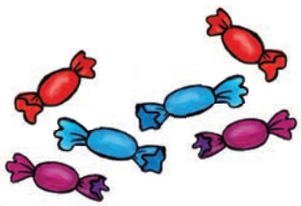


Yenza amaqela ezibini.
Biyela ngesangqa iqela ngalinye lezibini.



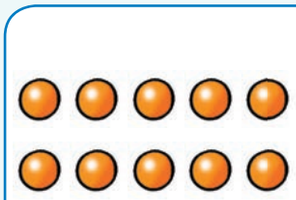


Mangaphi amaqela ama-apile akhoyo?
Uza kufumana ama-apile amangaphi umntwana ngamnye?



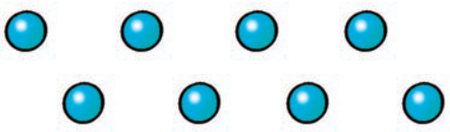


Mangaphi amaqela eelekese akhoyo?
Uza kufumana iilekese ezingaphi umntwana ngamnye?





Mangaphi amaqela amapetyu akhoyo?
Uza kufumana amapetyu amangaphi umntwana ngamnye?





Mangaphi amaqela amapetyu akhoyo?
Uza kufumana amapetyu amangaphi umntwana ngamnye?

0 1 2 3 4 5 6 7 8 9 10



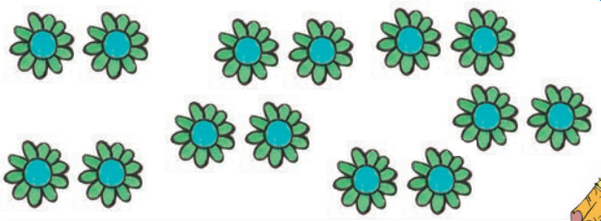
3

Fakela amanani ashiyiweyo.

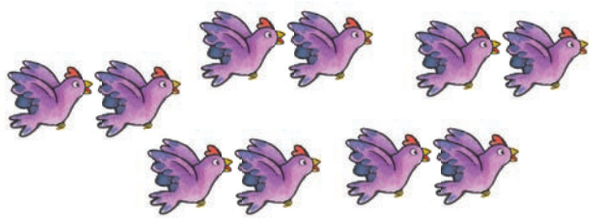
1	2	3	4		6	7	
2	4		8	10		14	16
0	3	6		12		18	21

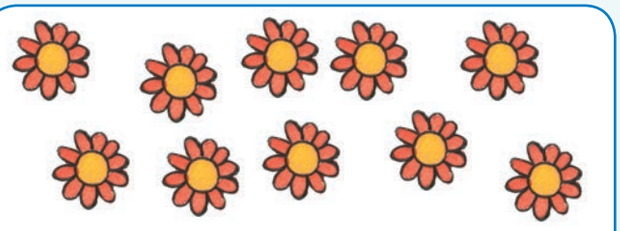
4

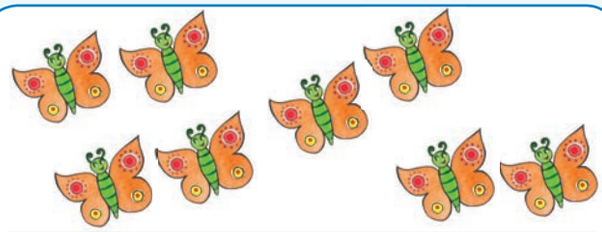
Bhala isivakalisi-manani usebenzise izibini.



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







5

Bala:

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

Biyela amaqela ezibini kumgca ngamnye.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

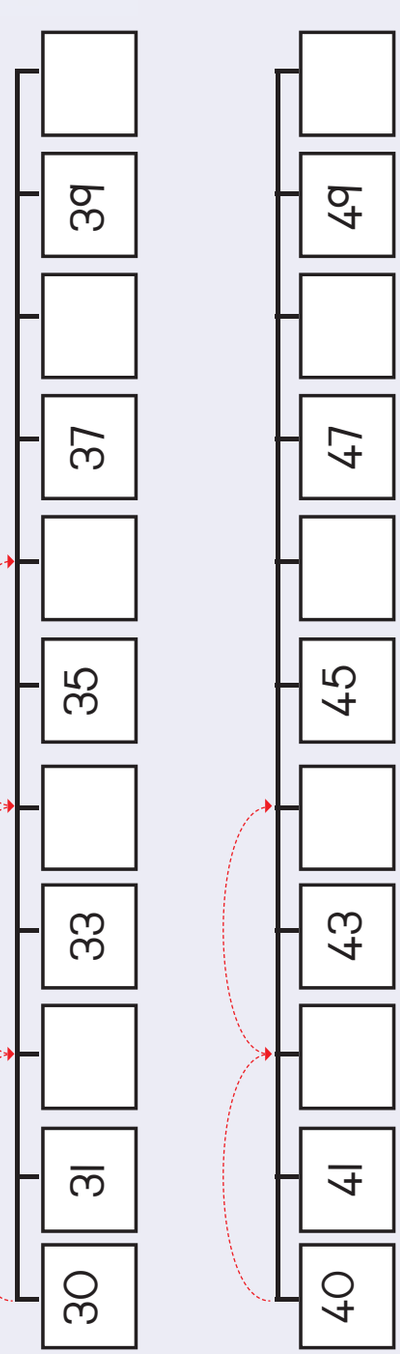
93

Umhla:

Iipatheni zamanani: izi-2 ukuya kuma-50



Sika amanani ashiyiweyo kuMsiko 2 uze uwancamathelise kumgca-manani.
Gqibezela nezazinge.





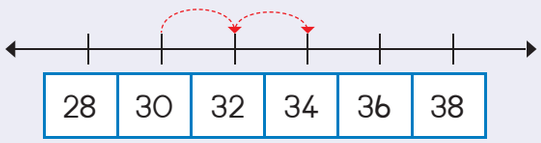
Gqibezela ipatheni ngokufakela imibala kumanani achanekileyo.

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

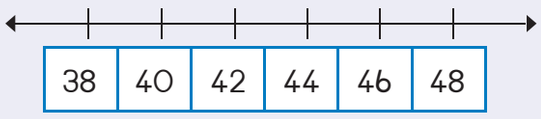


Zoba izazinge ubonise oku kulandelayo:

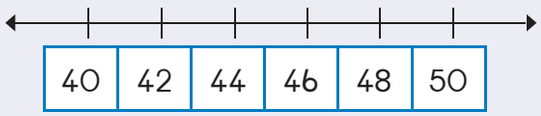
30, 32, 34



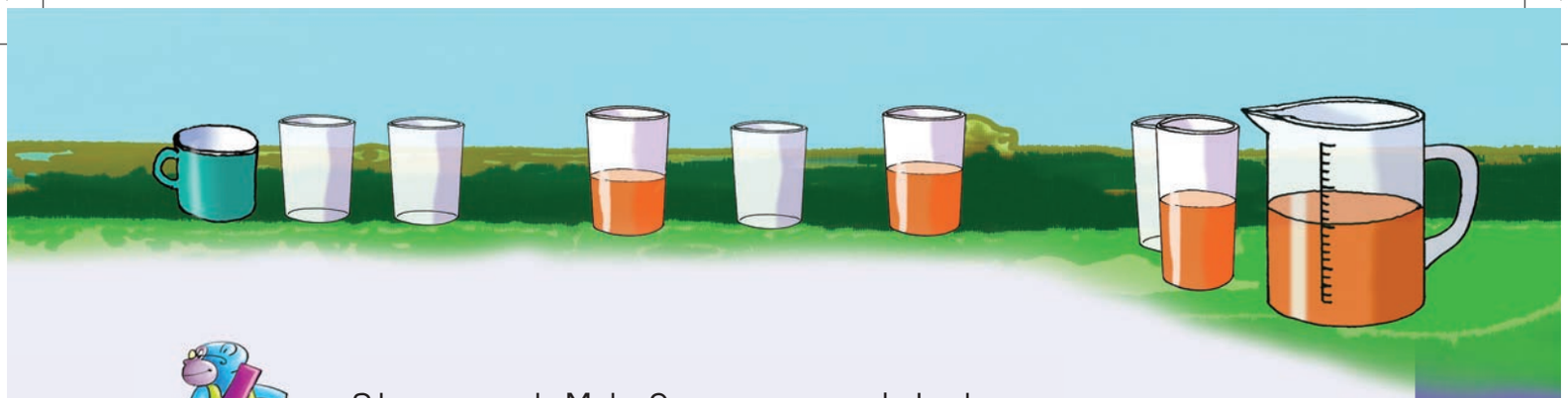
40, 42, 44



46, 48, 50



0 1 2 3 4 5 6 7 8 9 10



Sika amanani kuMsiko 2 uze uwancamathelise kumgca-manani.
Gqibezela izazinge.

69	79
67	77
65	75
63	73
61	71
60	70

Gqibezela ipatheni ngokufakela imibala kumanani achanekileyo.

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

Zoba izazinge ubonise oku kulandelayo:

54, 56, 58

50	52	54	56	58	60

64, 66, 68

60	62	64	66	68	70

72, 74, 76

70	72	74	76	77	80

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

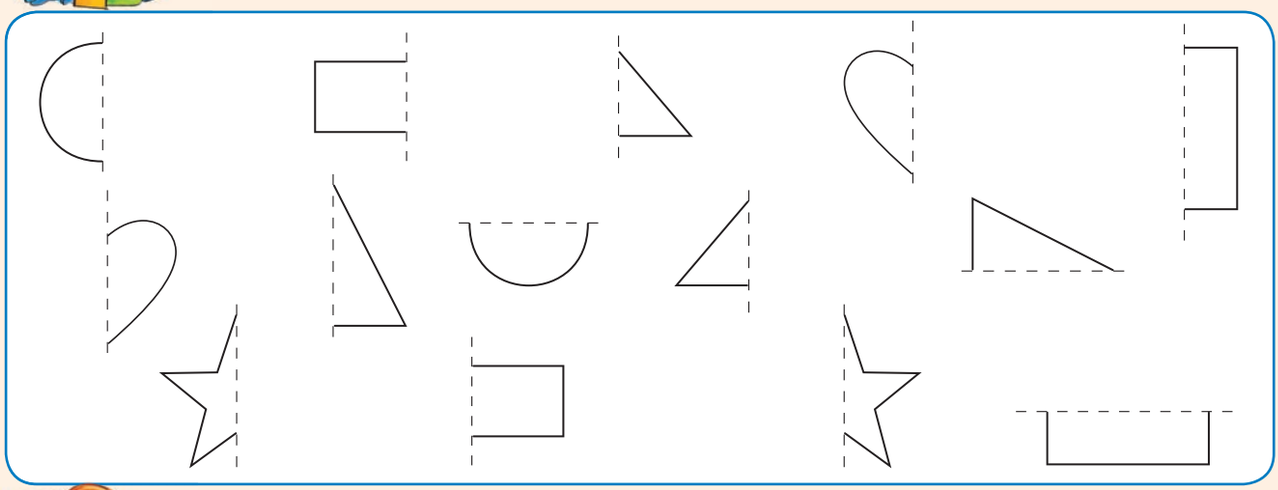
94



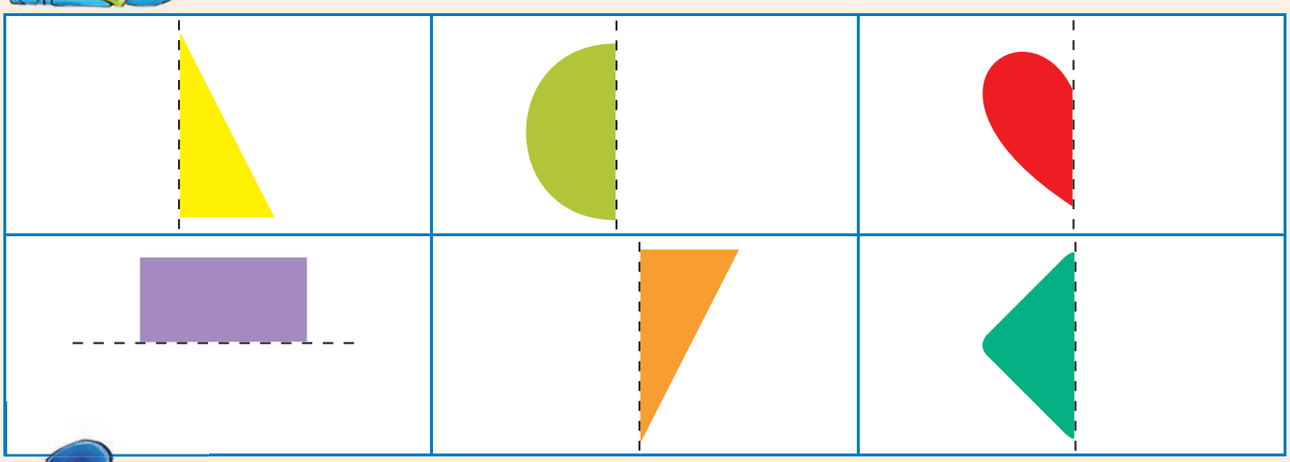
Umhla:

Umatwa-totse

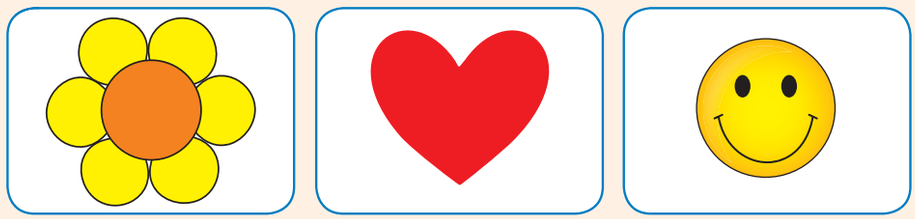
Faka umbala kwiinxalenye zeemilo eziza kwenza imilo enye.



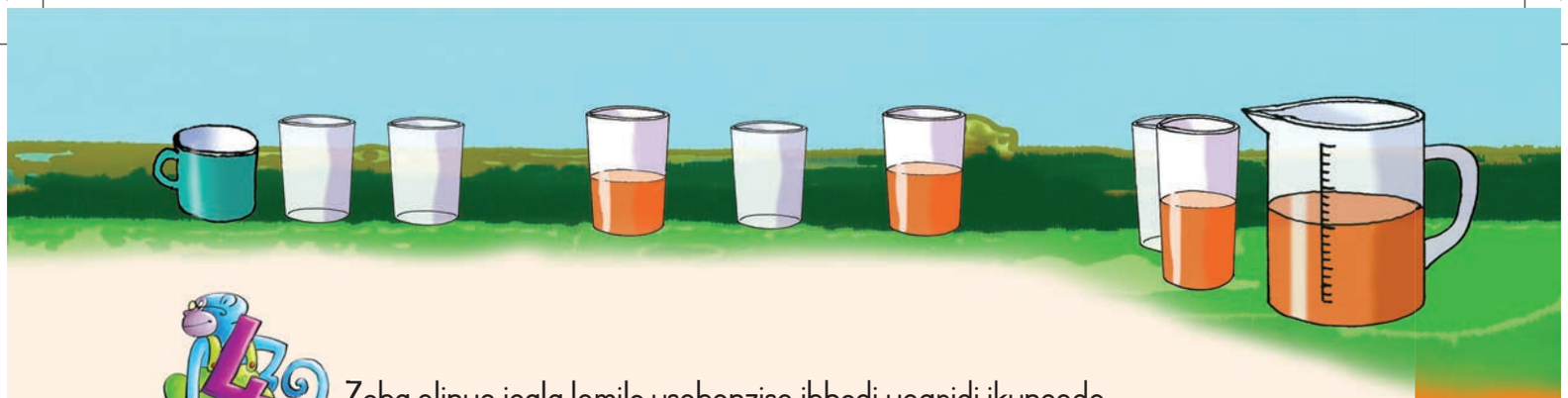
Zoba esinye isiqingatha uze usifakele umbala.



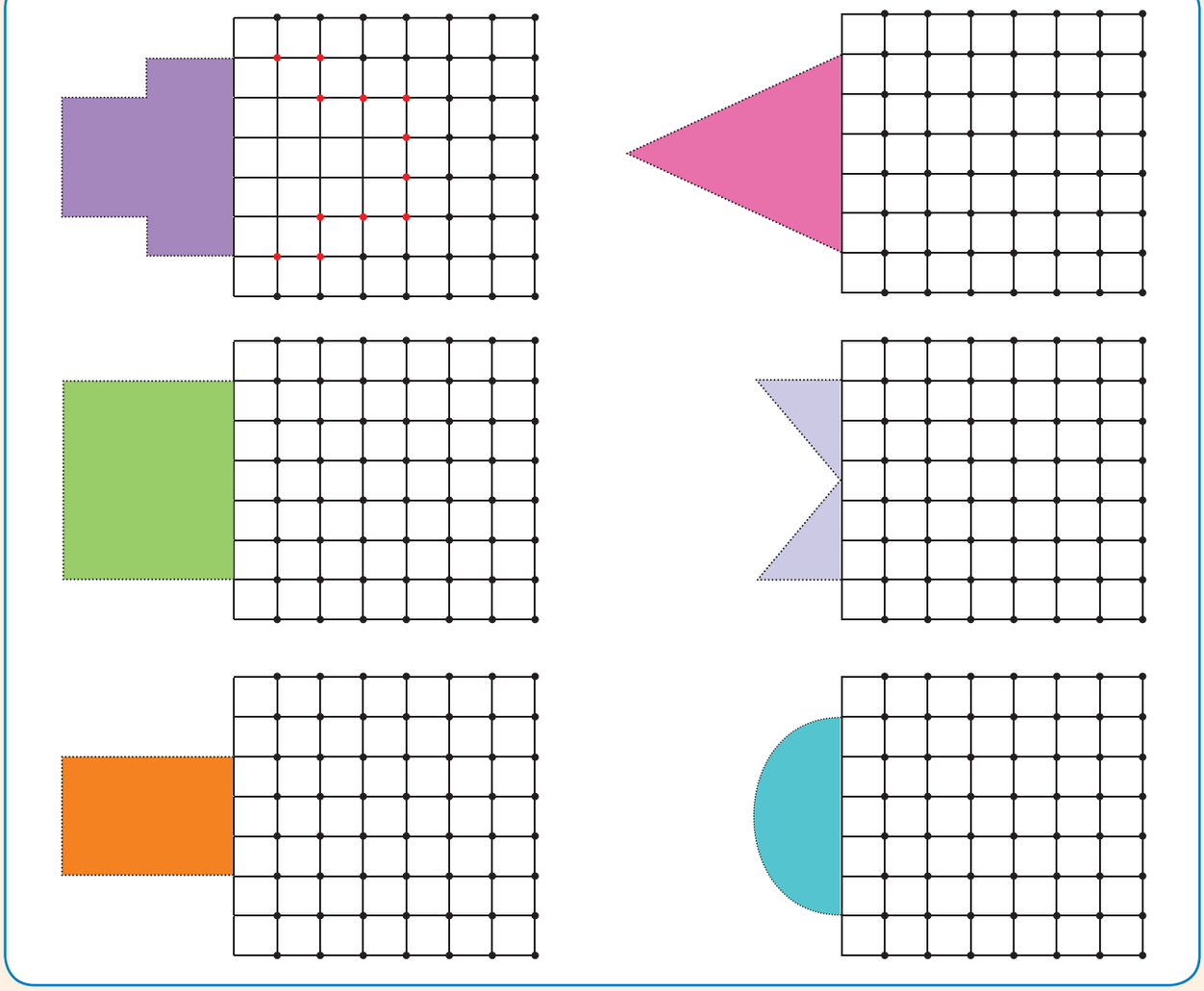
Krwela umgca wahlule le mifanekiso kubini ukuze amacala omabini afane twatse.



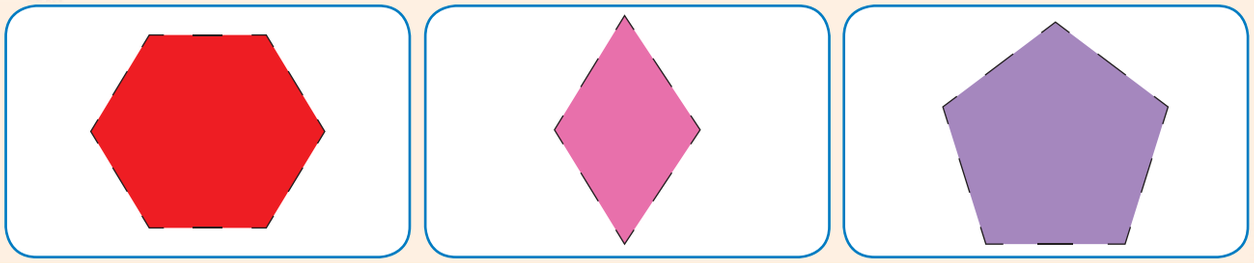
0 1 2 3 4 5 6 7 8 9 10



Zoba elinye icala lemilo usebenzise ibhodi yegridi ikuncede.



Krwela umgca wahlule ezi milo zibe ngamacala amabini afana twatse.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

95

Umhla:

Amanani neXabiso lendawo

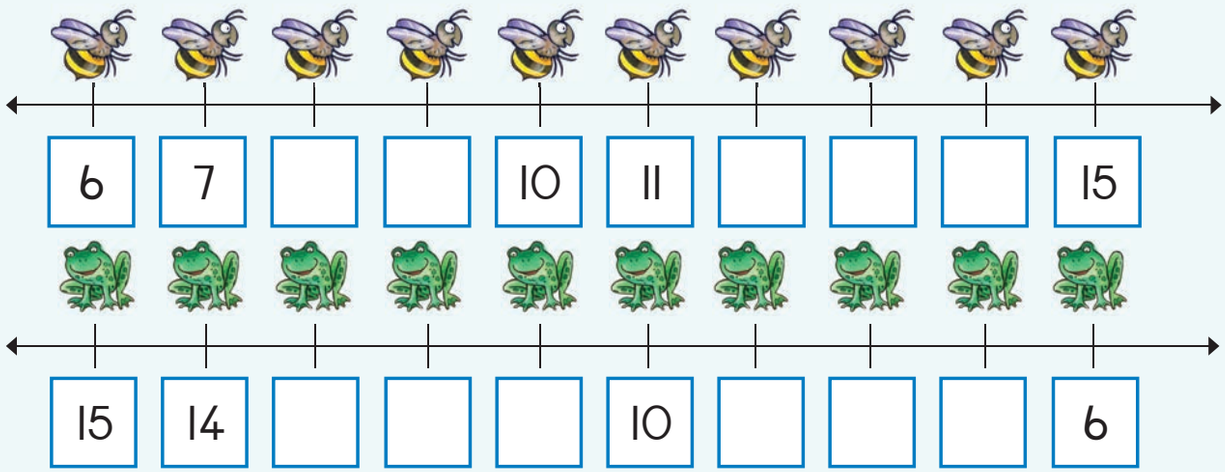


Fakela amanani ashiyiweyo.

10	11				15
9	10				



Bhala impendulo.





Bhala impendulo.

10 + 1 =	11	15 − 10 =	
10 + 2 =		14 − 10 =	
10 + 5 =		12 − 10 =	
10 + 3 =		11 − 10 =	

0 1 2 3 4 5 6 7 8 9 10



Bala isibalo ngasinye semibala uze ufakele umbala kwisiqwenga esichanekileyo sephazile esinenani elichanekileyo.
Sikwenzele eyokuqala.

10 + 1 obomvu

10 + 3 opinki

10 + 5 ozuba

10 + 4 omthubi

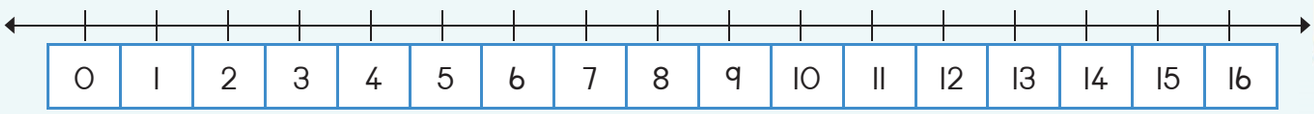
10 + 0 oluhlaza

10 + 2 o-orenji



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

Bonisa ishumi nesine kumgca-manani:



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

96



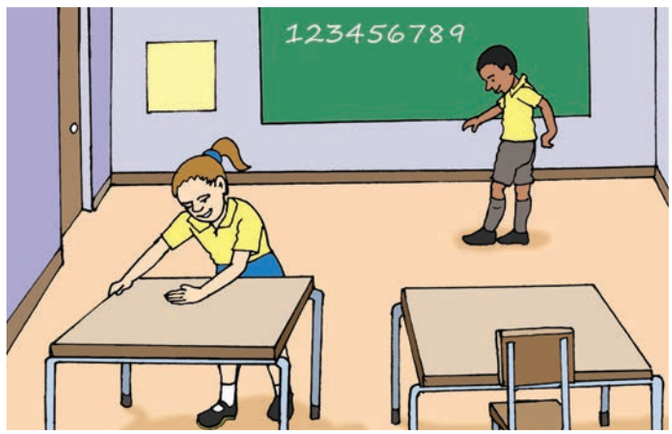
Umhla:

Ubude



Linganisa ubude nobubanzi bedesika okanye betafile ngobude besandla sakho. Zingaphi izandla zakho ezenza ubude betafile?

Zingaphi izandla zakho ezenza ububanzi?

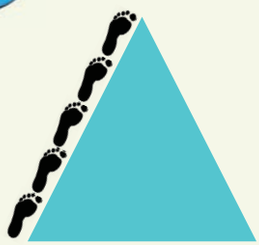


Ubude buzizandla ezi_____.

Ububanzi buzizandla ezi_____.



Zingaphi iinyawo emacaleni?



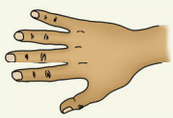






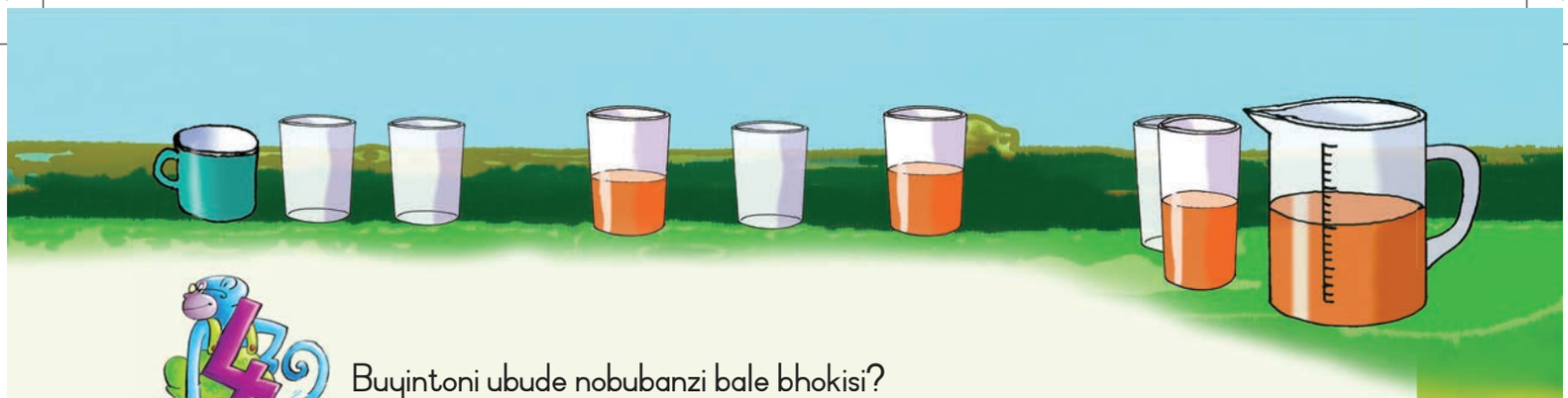
Bhala impendulo.



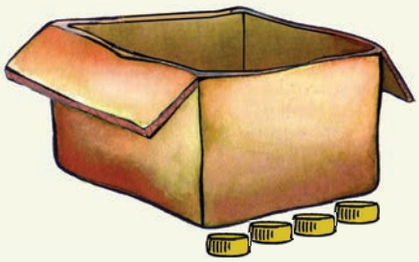


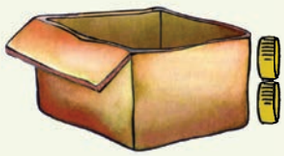
Ubude buzizandla ezi_____.

0 1 2 3 4 5 6 7 8 9 10



Buyintoni ubude nobubanzi bale bhokisi?



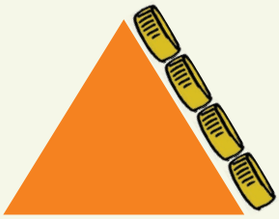


Ubude bungangeziciko zeebhotile ezi____.

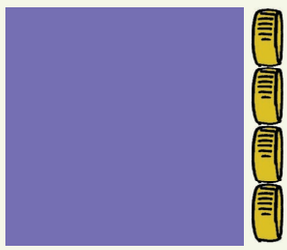
Ububanzi bungangeziciko zeebhotile ezi____.

Ingaba icala lide kangangeziciko zeebhotile ezingaphi?









Teacher:
Sign:
Date:

Umhla:

Inani 16

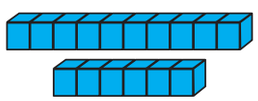
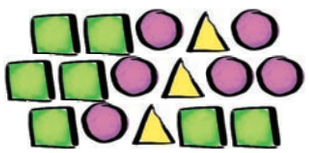
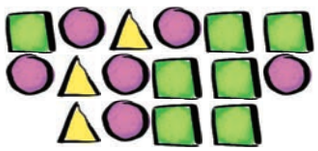
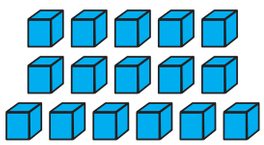
Uhlaziyo:

Ziqhelise ukubhala inani ngamagama uze ugqibezele ipatheni.

7 zisixhenxe



Tshatisa imifanekiso.

	
	16
10 6	
16	
	10 6

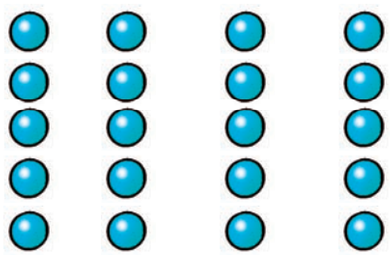


Khuphela amanani.

16	16	16	16
ishumi elinesithandathu			
16	16	16	16
ishumi elinesithandathu			



Biyela amaso ali-16 kuphela.



Mangaphi ashiyekileyo? _____

0 1 2 3 4 5 6 7 8 9 10



4 Zoba izinto ezili-16.

Khawuzizobe ngenye indlela ke ngoku.

5 Fakela amanani ashiyiweyo.

2	3	4
19		21
17		19

6 Gqibezela itheyibhile. Umqolo ngamnye unomfanekiso, inani kunye negama lelo nani.

	16	
		ishumi elinesithandathu

7 Leliphi inani elinganeno ngononye kune-16? _____

Leliphi inani elikhulu ngononye kune-16? _____

8

Leliphi inani elinganeno ngononye kuneshumi elinesithandathu?	
Leliphi inani elinganeno ngesibini kuneshumi elinesithandathu?	
Leliphi inani elingaphezulu ngononye kuneshumi elinesithandathu?	
Leliphi inani elingaphezulu ngesibini kuneshumi elinesithandathu?	

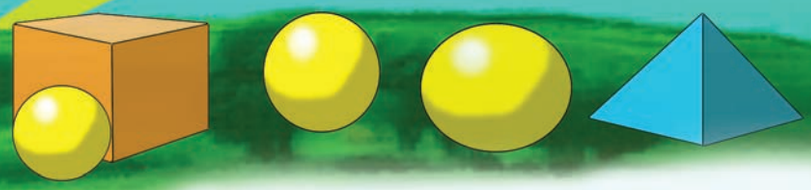
9 Fakela amanani ashiyiweyo.

10	9		7	6		4	3		1

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

98



Umhla:

Inani 17

Ikota 4

Uhlaziyo:

Ziqhelise ukubhala inani ngamagama uze ugqibezele ipatheni.

8	sibhozo

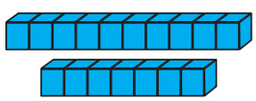
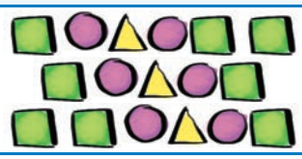
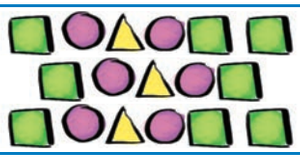
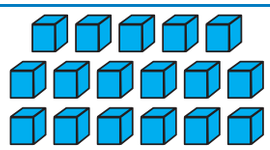




Tshatisa imifanekiso.

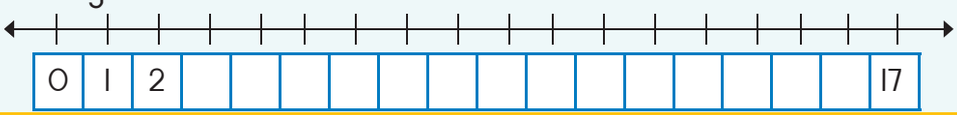


Khuphela amanani.

		17 17 17 17	
	17	ishumi elinesixhenxe	
10 7		17 17 17 17	
17		ishumi elinesixhenxe	
	10 7		



Gqibezela umgca-manani.



0 1 2 3 4 5 6 7 8 9 10



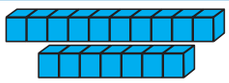
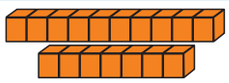
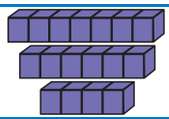
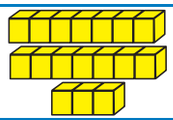
4 Zoba izinto ezili-17.

Khawuzizobe ngenye indlela ke ngoku.

5 Leliphi inani elilandelayo.

16	17	
24	25	
17	18	

6 Gqibezela itheyibhile. Umqolo ngamnye unomfanekiso, inani negama lelo nani.

	17	
		
		ishumi elinesixhenxe
		

7

Leliphi inani elinganeno ngononye kuneshumi elinesixhenxe?	
Leliphi inani elinganeno ngesibini kuneshumi elinesixhenxe?	
Leliphi inani elingaphezulu ngononye kuneshumi elinesixhenxe?	
Leliphi inani elingaphezulu ngesibini kuneshumi elinesixhenxe?	

8 Fakela amanani angekhoyo.

La manani abizwa ngokuba yiminqakathi.

	2		4		6		8		10
	12		14		16		18		20

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

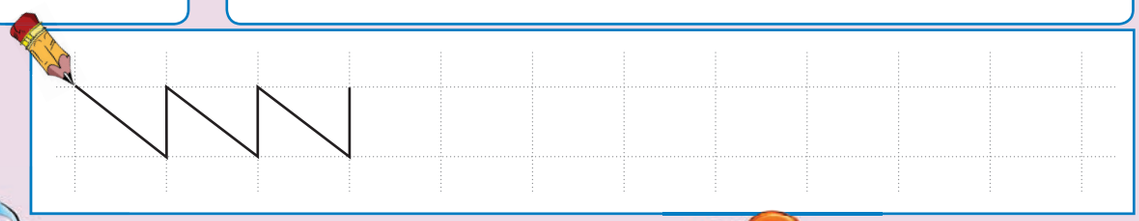


Inani 18

Uhlaziyo:

Ziqhelise ukubhala inani ngamagama uze ugqibezele ipatheni.

q | lithoba

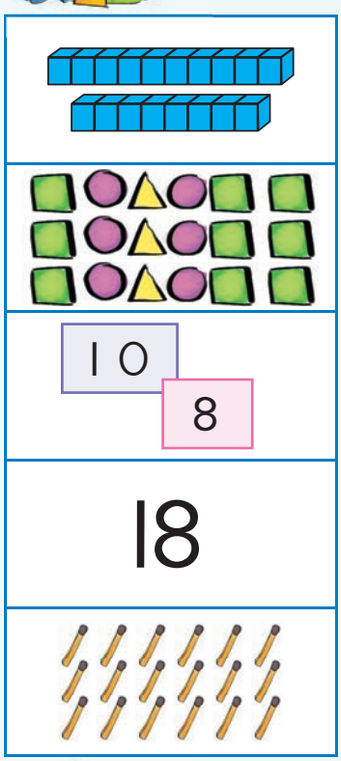


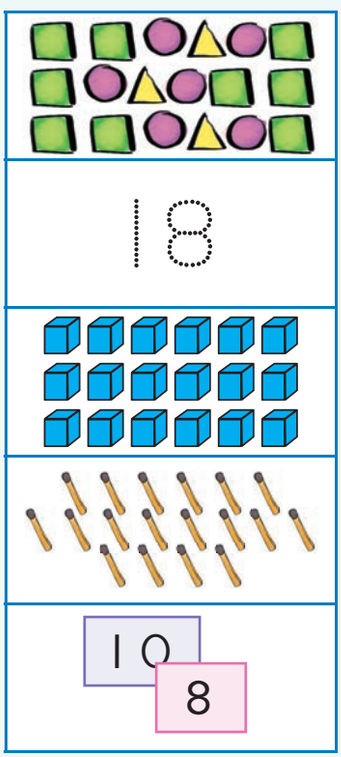


Tshatisa imifanekiso.



Khuphela amanani.

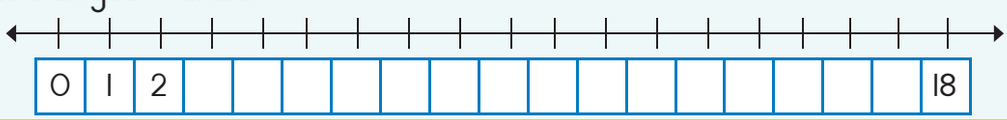


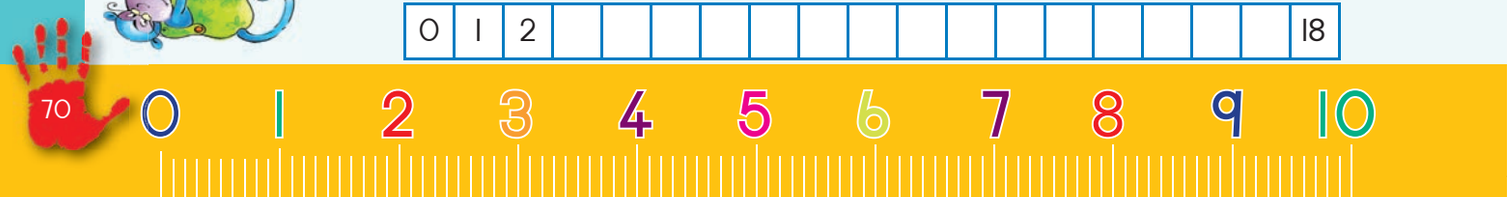


18	18	18	18
ishumi elinesibhozo			
18	18	18	18
ishumi elinesibhozo			



Gqibezela umgca - manani.







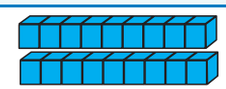
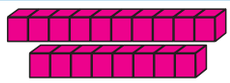
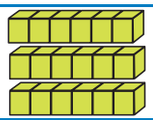
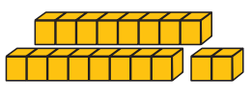
4 Zoba izinto ezili-18.

Khawuzizobe ngenye indlela ke ngoku.

5 Leliphi inani elilandelayo?

8	9	
33	34	
0	1	

6 Gqibezela itheyibhile. Umqolo ngamnye unomfanekiso, inani negama lelo nani.

	18	
		
		ishumi elinesibhozo
		

7

Leliphi inani elinganeno ngononye kune-18?	
Leliphi inani elinganeno ngesibini kune-18?	
Leliphi inani elingaphezulu ngononye kune-18?	
Leliphi inani elingaphezulu ngesibini kune-18?	

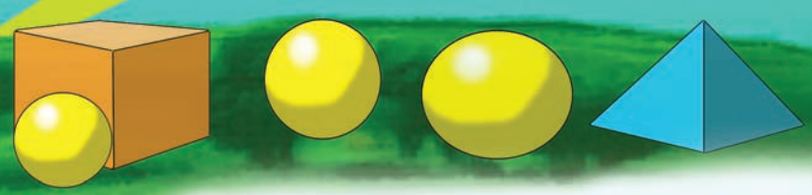
8 Fakela amanani ashiyiweyo.

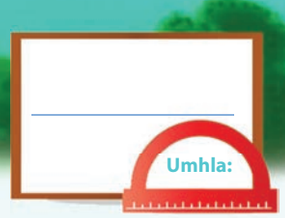
1	2		4	5	6	7		9	10
11		13	14	15		17	18		20

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20







Inani 19

Uhlaziyo:

Ziqhelise ukubhala inani ngamagama uze ugqibezele ipatheni.

10 ishumi

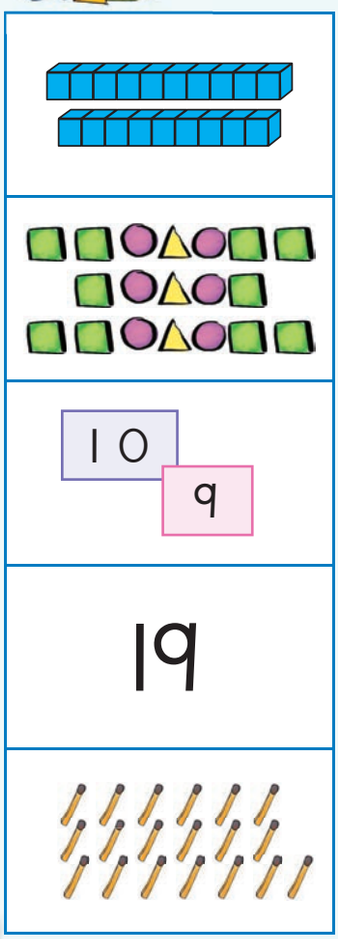


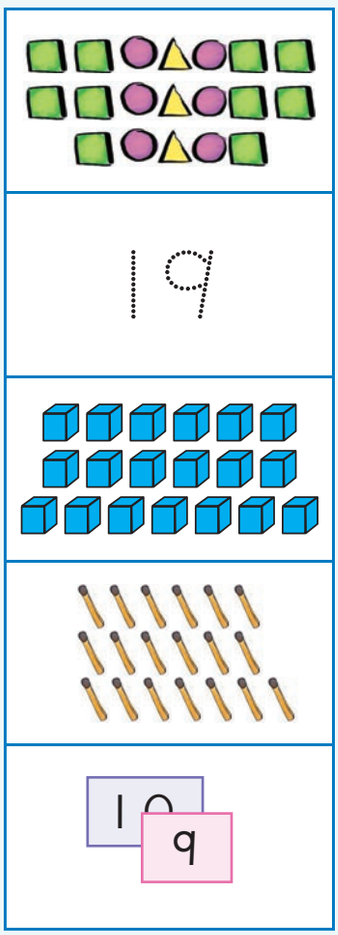


Tshatisa imifanekiso.



Khuphela amanani.





19 19 19 19

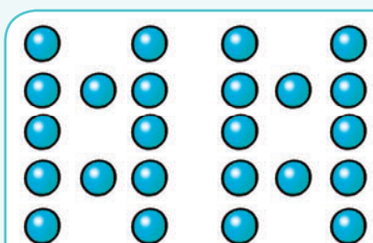
ishumi elinethoba

19 19 19 19

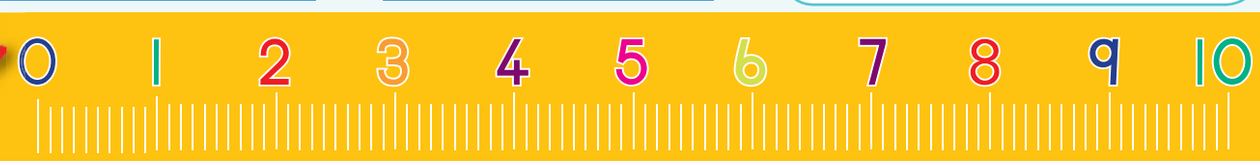
ishumi elinethoba



Biyela amaso ali-19 kuphela.



Mangaphi ashiyekileyo? _____





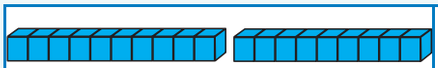
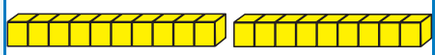
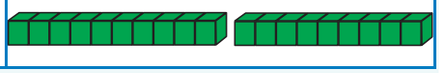
4 Zoba izinto ezili-19.

Khawuzobe ngenye indlela ke ngoku.

5 Leliphi inani eliphakathi?

14		16
35		37
8		10

Gqibezela itheyibhile.
Umqolo ngamnye unomfanekiso, inani negama lelo nani.

	19	
		
		ishumi elinethoba
		

7

Leliphi inani elinganeno ngononye kune-19?	
Leliphi inani elinganeno ngesibini kune-19?	
Leliphi inani elingaphezulu ngononye kune-19?	
Leliphi inani elingaphezulu ngesibini kune-19?	

Fakela amanani ashiyiweyo.

La manani abizwa ngokuba ngoonombini.

1		3		5		7		9	
11		13		15		17		19	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

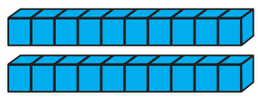
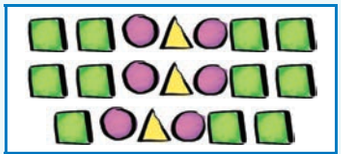
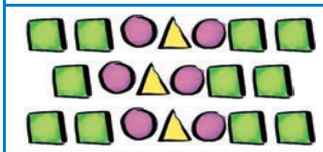
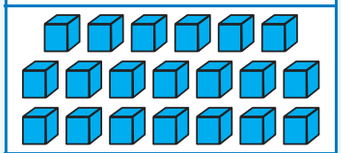
101

Umhla: _____

Inani 20



Tshatisa imifanekiso.

	
	20
10 10	
20	
	10 10

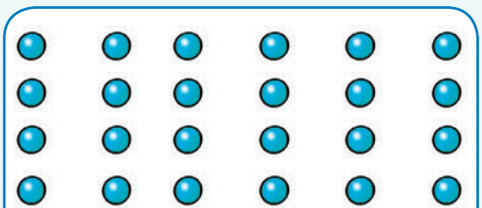


Khuphela amanani.

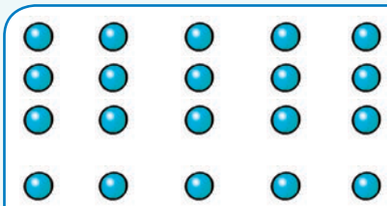
20 20 20 20	
amashumi amabini	
20 20 20 20	
amashumi amabini	



Biyela amaso angama-20 kuphela.



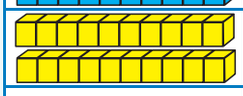
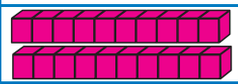
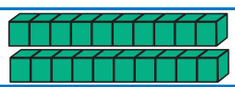
Mangaphi ashiyekileyo? _____



Mangaphi ashiyekileyo? _____



Gqibezela itheyibhile. Umqolo ngamnye unomfanekiso, inani negama lelo nani.

	20	amashumi amabini
		amashumi amabini
20		
		



Leliphi inani elingaphantsi ngononye kunama-20? ____

Leliphi inani elingaphezulu ngononye kunama-20? ____

0 1 2 3 4 5 6 7 8 9 10



Dibanisa inani negama.

0	zine
1	zisixhenxe
2	zilithoba
3	zintathu
4	ishumi elinanye
5	ishumi elinesibini
6	inye
7	zibini
8	zisibhozo
9	iqanda
10	zintlanu
11	zintandathu
12	ishumi elinesithathu
13	zilishumi
14	ishumi elinesine



Fakela amanani ashiyiweyo.

Phambi		Emva
16	17	
	12	
	14	
	9	10
	6	



Sebenzisa amagama athi **ngaphantsi** okanye **ngaphezulu** ukuze ugqibezele oku:

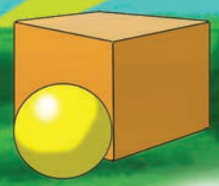
Ama-34 anga_____ kunama-38

Ama-79 anga_____ kunama-65

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

102



Umhla:

Ukudibanisa



Biyela inani elikhulu kwibloko nganye.

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

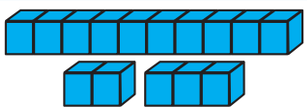
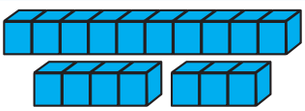
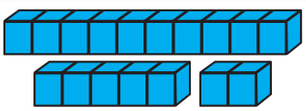


Dibanisa oku kulandelayo.
Qala ngenani elikhulu.

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

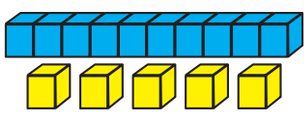
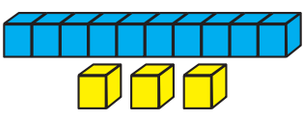
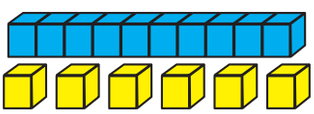


Dibanisa iibloko.

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



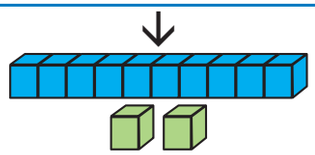
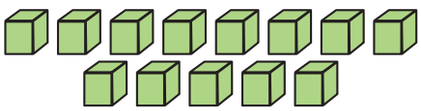
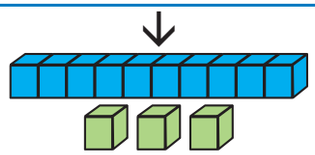
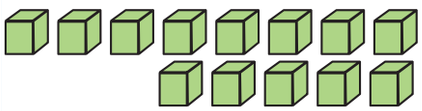
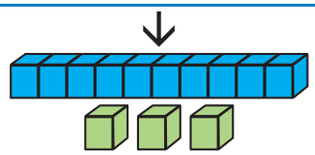
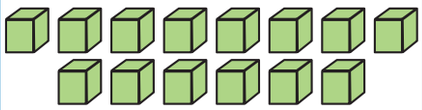
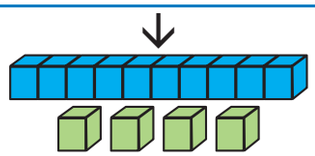
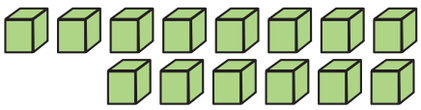
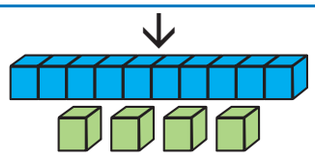
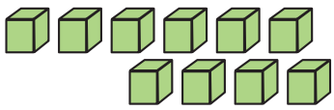
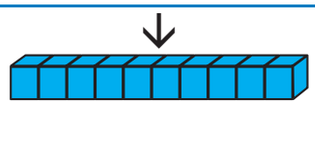
Bhala isivakalisi-manani.





5 Bhala isivakalisi-manani kwisibalo ngasinye:

 8 + 4 = 12  10 + 2 = 12	 	 
 	 	 



Fakela amanani angekhoyo.

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



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

103

Umhla:

Ukuthabatha

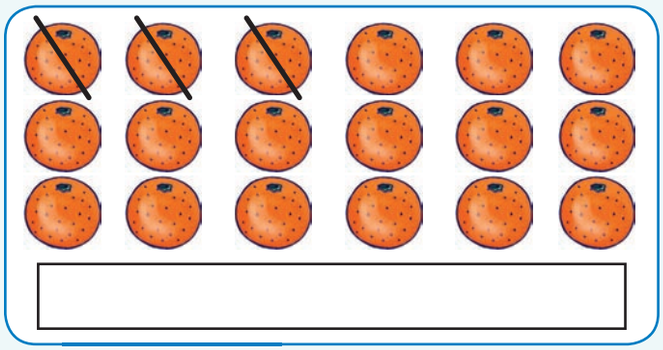


Bala.

17	−4	
19		
14		
12		

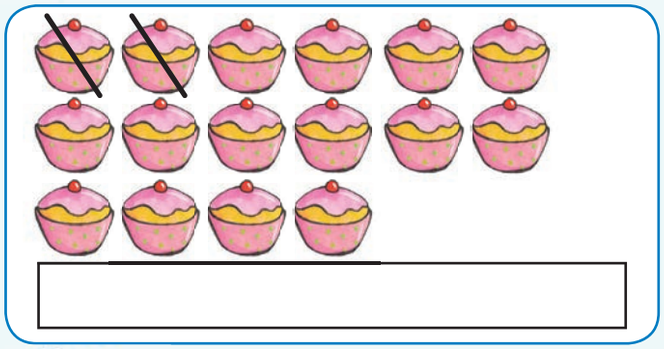


Bhala isivakalisi - manani.





Bhala isivakalisi - manani.



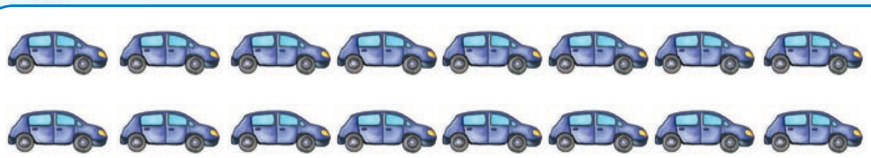


Bala.

18	−4	
7		
15		
9		



Gqibezela izibalo usebenzise imifanekiso.

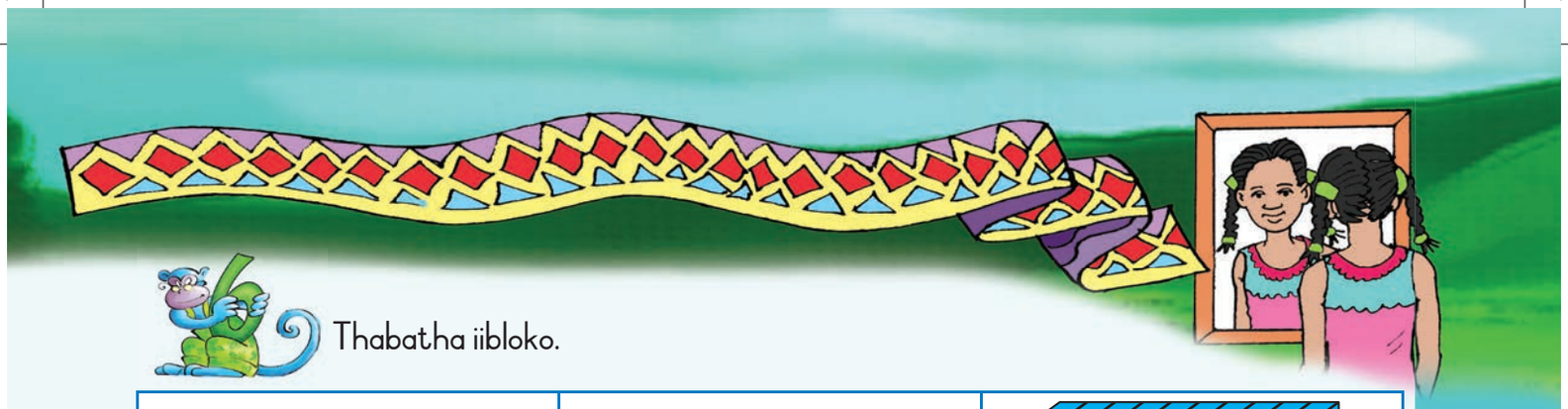


16 − ☐ = 11

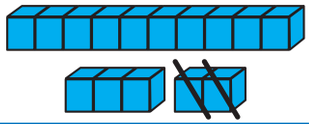
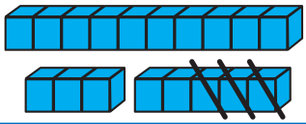
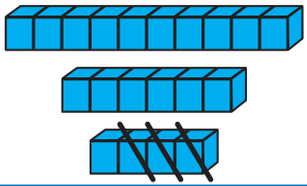


10 + ☐ = ☐

0 1 2 3 4 5 6 7 8 9 10



Thabatha iibloko.

		
(10 + 3) − 2 =		
13 − 2 =		

Gqibezela:

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

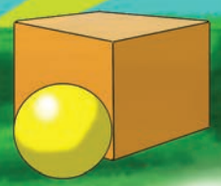
Gqibezela:

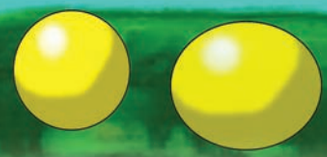
Ezi-5 eziphindwe kabini zenza ☐	Ezi-3 eziphindwe kabini zenza ☐	Ezi-4 eziphindwe kabini zenza ☐
Ezi-7 eziphindwe kabini zenza ☐	Ezi-2 eziphindwe kabini zenza ☐	Ezi-8 eziphindwe kabini zenza ☐
i-10 eliphindwe kabini lenza ☐	Ezili-9 eziphindwe kabini zenza ☐	u-1 ophindwe kabini wenza ☐

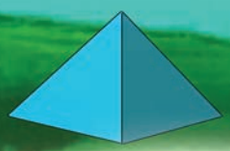
Phendula:

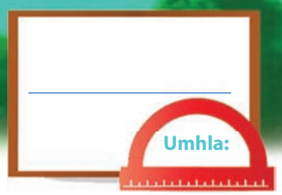
9 + 9 − 1 =		okanye	Phinda kabini 9 − 1 =	
		okanye	Phinda kabini 5 − 1 =	
4 + 4 − 1 =		okanye		

Teacher:
Sign:
Date:





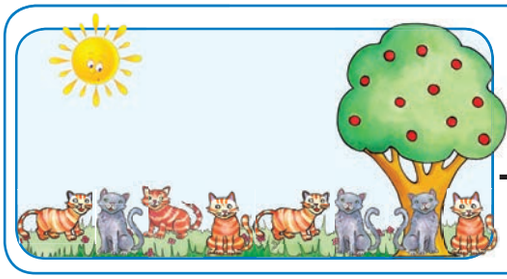


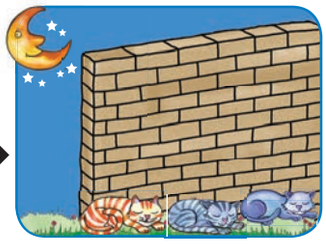


Ukudibanisa nokuthabatha

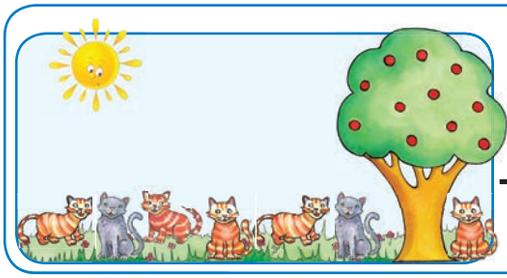


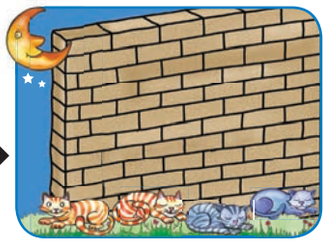
Bala ukuba zingaphi iikati ezigcakamele ilanga.
Ezinye zilele emva kodonga.
Bala ukuba zingaphi ezisemva kodonga uze ubhale impendulo.





3 + ☐ = 8





4 + ☐ = ☐



Sombulula la maqhina ezibalo.
Ungazoba umfanekiso ukuncede.

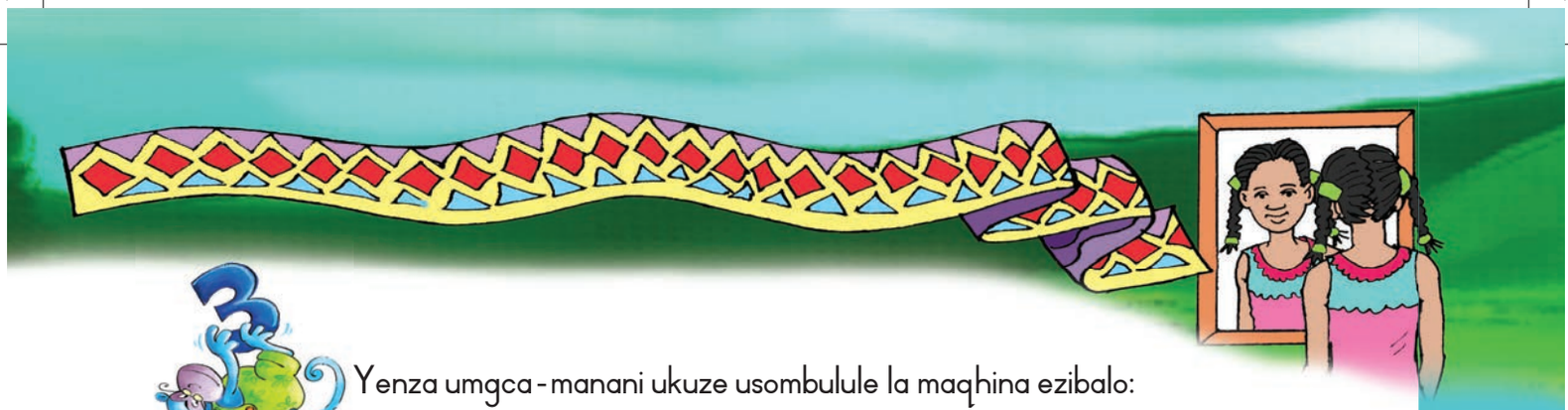


ULerato ebenee-orenji ezi-4. UPeter uye wampha ezinye ezili-13.
Zingaphi ii-oreni anazo ngoku?

UMandla uneekhrayoni zepenisile ezi-5. U-Anne yena uneekhrayoni ezisi-8.
Ngubani oneekhrayoni zepenisile ezimbalwa?

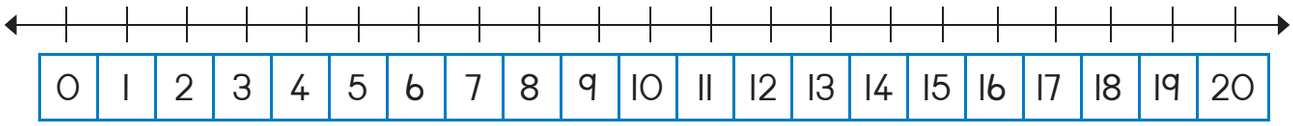


0 1 2 3 4 5 6 7 8 9 10

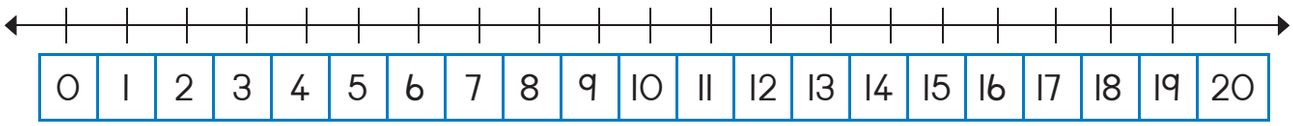


Yenza umgca-manani ukuze usombulule la maqhina ezibalo:

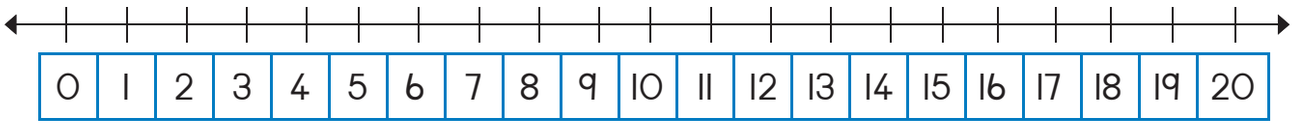
UThandi unamapetyu aluhlaza ama-6 nazuba ali-9.
Mangaphi amapetyu anawo ewonke?



ULerato unamapetyu ali-16. Asibhozo aluhlaza aze amanye abe zuba.
Mangaphi amapetyu azuba anawo uLerato?



UThandi uneebhanana ezili-19. UThemba yena uneebhanana ezili-10.
Zininzi kangakanani iibhanana zikaThandi kunezikaThemba?



Ngawaphi amanani aphakathi kwama-25 nama-30?

Biyela inani elikhulu ngo-1 kunama-76.

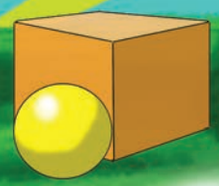
74	75	76	77	78

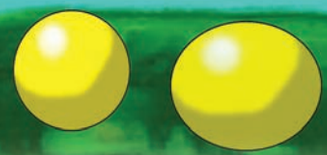
Biyela inani elikhulu ngesi-2 kunama-76.

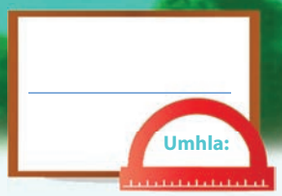
74	75	76	77	78

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20







Inani lesingaphi



Ngubani ophume kwindawo yokuqala elugqatsweni?
Bhala indawo aphume kuyo ngezantsi komntu lowo.

Sipho	Lerato	John	Peter	Ann
				
	2	3		



Bazobe beseqongeni.



Ngubani ofumene imbasa yegolide? _____

Ngubani ofumene imbasa yesilivere? ____



Zoba umtya wamaso ngolu hlobo:

Iliso lokuqala lizuba.
Elesibini iliso libomvu.
Elesithathu liluhlaza.
Elesine limthubi.
Elesihlanu lizuba.
Elesithandathu libomvu.
Elesixhenxe liluhlaza.
Elesibhozo limthubi.
Elethoba lizuba.
Eleshumi libomvu.

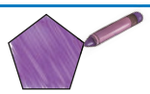
Umtya wam wamaso.

0 1 2 3 4 5 6 7 8 9 10



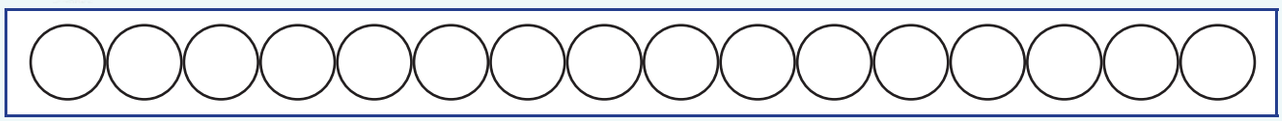
Jonga ukulandelelana kweemilo.
Khuphela iimilo kwiindawo ezichanekileyo kwitheyibhile.
Sikwenzele eyokuqala.



Yeyiphi imilo:			
yesine		yesixhenxe	
yesihlanu		yethoba	
yesibini		yokugqibela	
yesithathu		yesithandathu	



Yenza oku:





Faka umbala obomvu kwisangqa sokuqala.



Faka umbala omthubi kwisangqa sesihlanu.



Faka umbala ozuba kwisangqa sesibhozo.

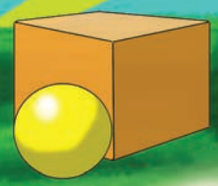


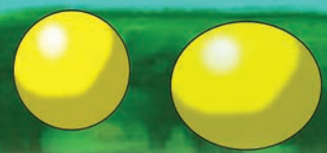
Zoba umgca-manani oqala kwi-10 uye kuma-20.
Biyela inani lesithathu nelesibhozo.

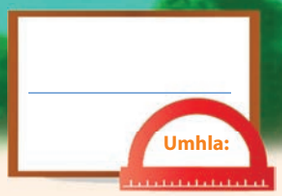


Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



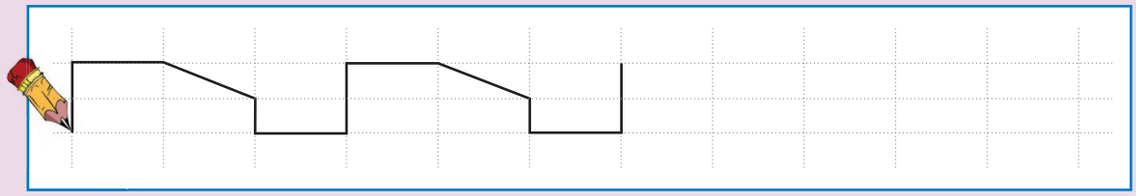




Izinto neemilo

Uhlaziyo:

Uhlaziyo: Qqibezela ipatheni.





Funa imifanekiso emibini yebhola kunye neminye emibini yebhokisi kwiphephandaba okanye kwimagazini uze uyincamathelise apha ngezantsi.





Biyela ngesangqa esizuba zonke izinto ezityibilikayo.
Biyela ngesikwere esibomvu zonke izinto eziqengqelekayo.



0 1 2 3 4 5 6 7 8 9 10

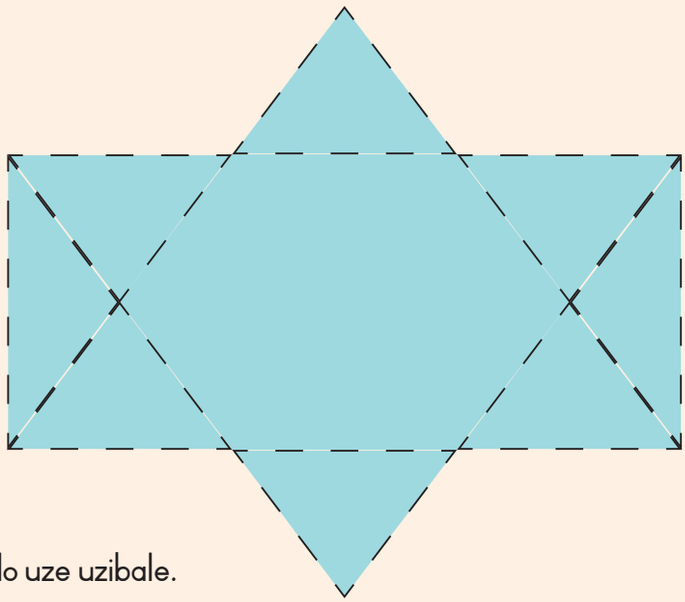


Khuphela igama uze uzobe loo nto liyimeleyo.

ibhokisi	ibhola



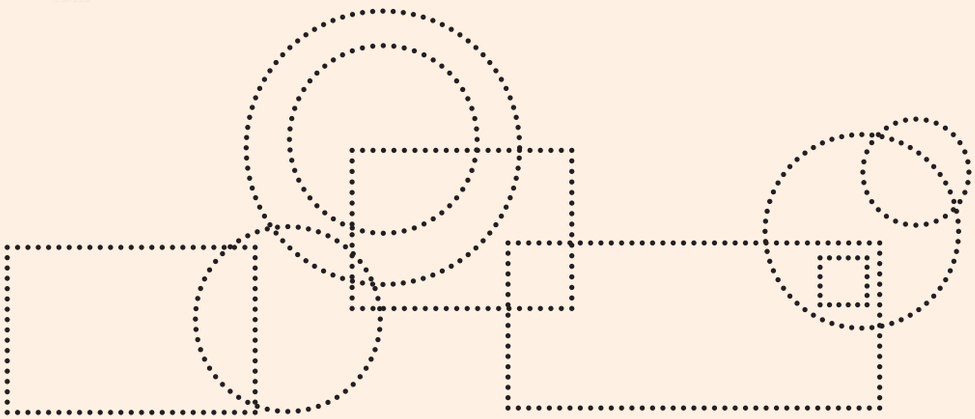
Bala bonke oonxantathu uze ubhale inani labo.



Impendulo:



Khuphela iimilo uze uzibale.



Izangqa

Izikwere

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

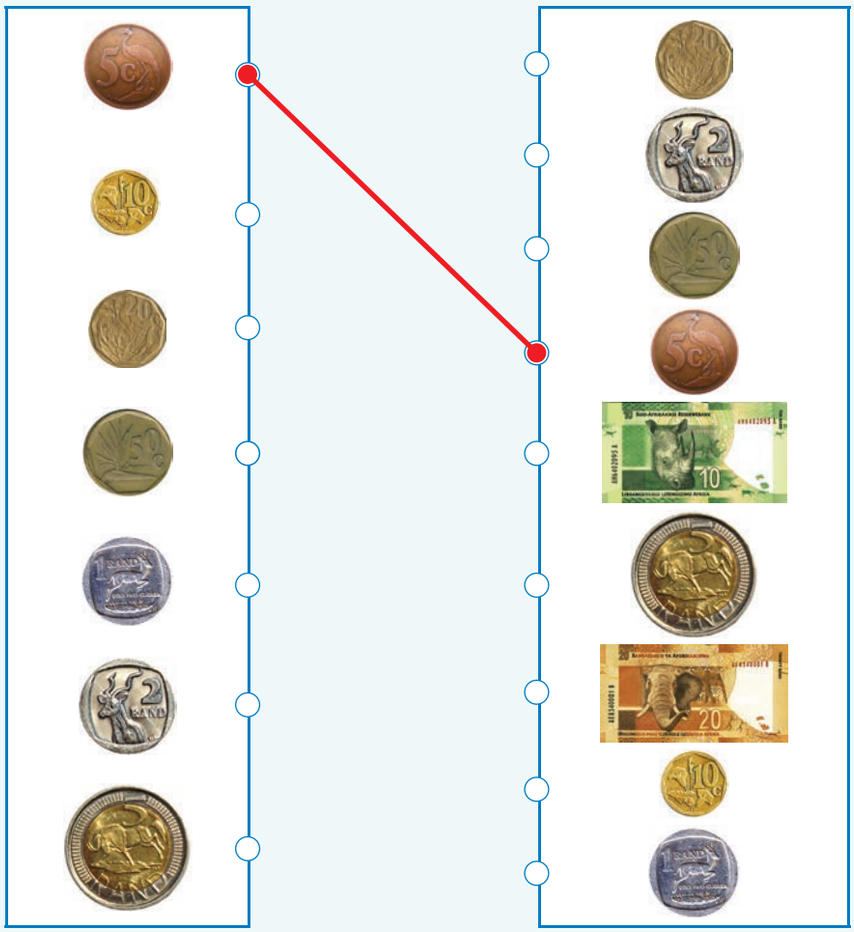
107

Umhla:

Imali

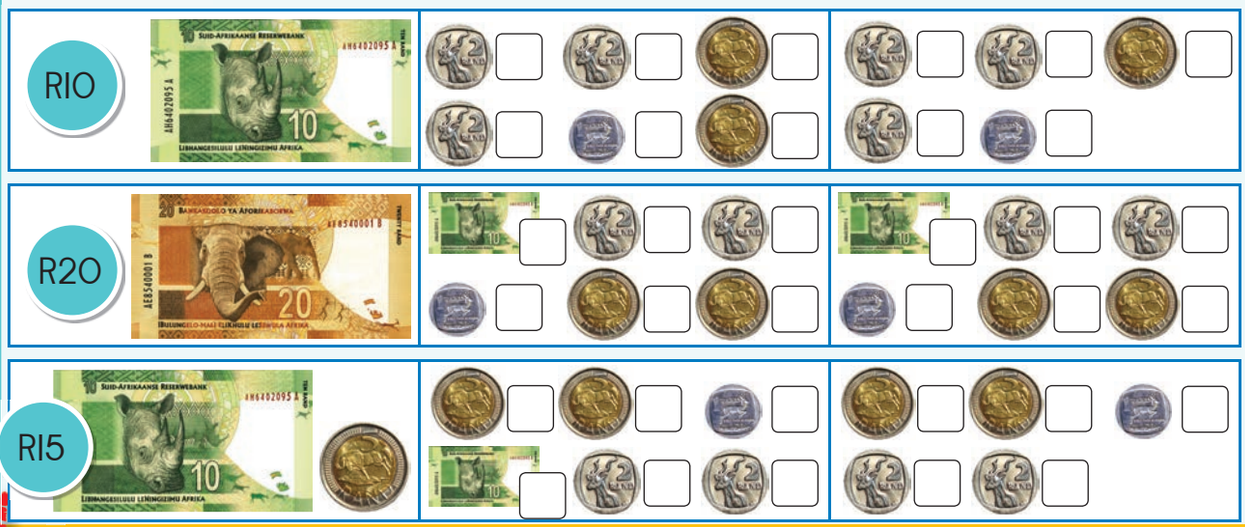


Zeziphi iinkozo zemali okwaziyo ukuzitshatisa?





Kwibloko nganye phawula imali eziinkozo nengamaphepha eza kukunika ezi zixa.



0 1 2 3 4 5 6 7 8 9 10



3 Thabatha ii-R2.

		
RI2 – R2 = RIO		

4 Thabatha ii-R5.

		
RI5 – R5 = RIO		

5 Zingaphi iindibaniso ezahlukileyo onokuzifumana kuma-R20?
Sikwenzele eyokuqala.



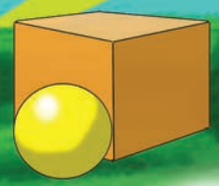
6 Biyela imali kumgca ngamnye ocinga ukuba unokuthenga kakhulu ngayo.

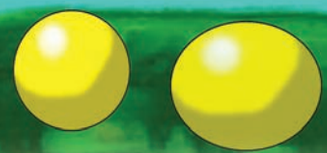


Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

108





Umhla:

Okunye ngemali



Bala.



Bala.

R5	+ R7	
R9		
R7		
R4		

RI3	− R6	
RI5		
RI7		
RI4		



Fakela impendulo.

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



Yeyiphi engaphezulu?
Biyela impendulo yakho.

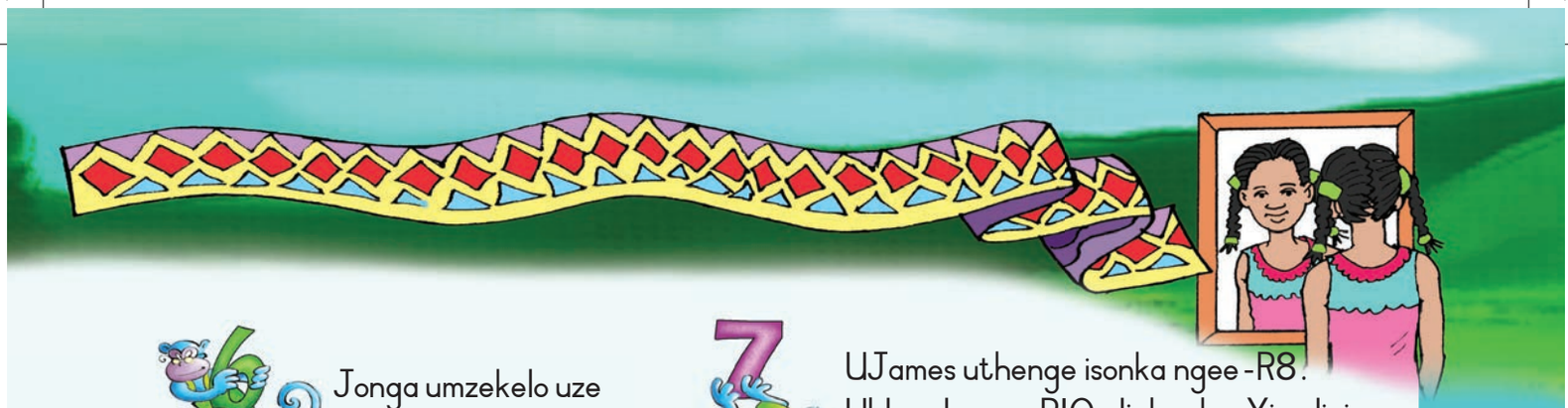
5c okanye R5
20c okanye R20
RI okanye 50c
R2 okanye RI
20c okanye 50c



Dibanisa amanani uxwese uphinde uwadibanise uhlise uze ubhale impendulo yakho.

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

0 1 2 3 4 5 6 7 8 9 10



Jonga umzekelo uze ugqibezele ezinye.

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

UJames uthenge isonka ngee-R8. Uhlawule nge-R10 eliphepha. Yimalini itshintshi ayifumeneyo?

Uthini umbuzo?

_____

_____

Bhala amanani.

_____

Bhala isibalo uze ubale.

_____



UMama kaBusi uthenge umnqwazi ngee-R17. Uhlawule ngee-R10 zamaphepha ezimbini. Yimalini itshintshi ayifumeneyo?

Uthini umbuzo?

_____

_____

Bhala amanani.

_____

Bhala isibalo uze ubale.

_____



Umhla wokuzalwa kukaJudy ubungeCawe. Uye waphiwa ii-R5 ngudadewabo, umnakwabo yena wampha ii-R2 waze umza wakhe wampha ii-R10. Yimalini ayiphiweyo iyonke?

Uthini umbuzo?

_____

_____

Bhala amanani.

_____

Bhala isibalo uze ubale.

_____

Teacher:
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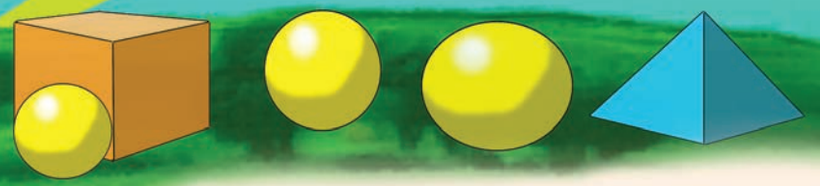
Date:

11 12 13 14 15 16 17 18 19 20

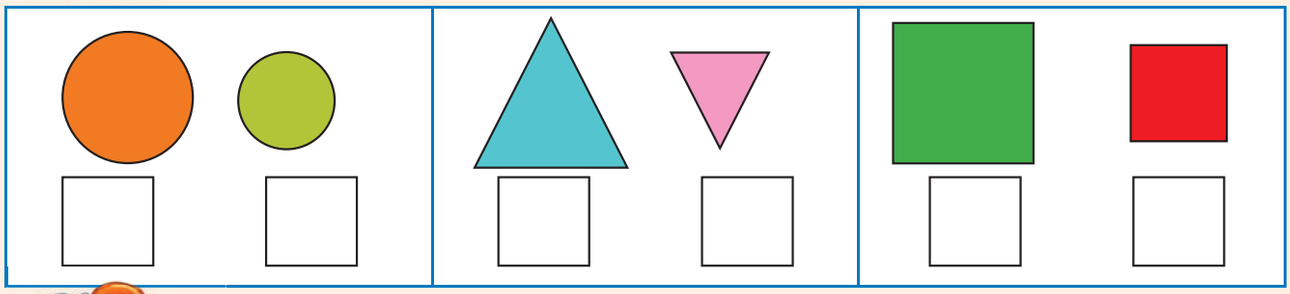


Umhla:

Iimilo ezinemilinganiselo emi-2 (2D)

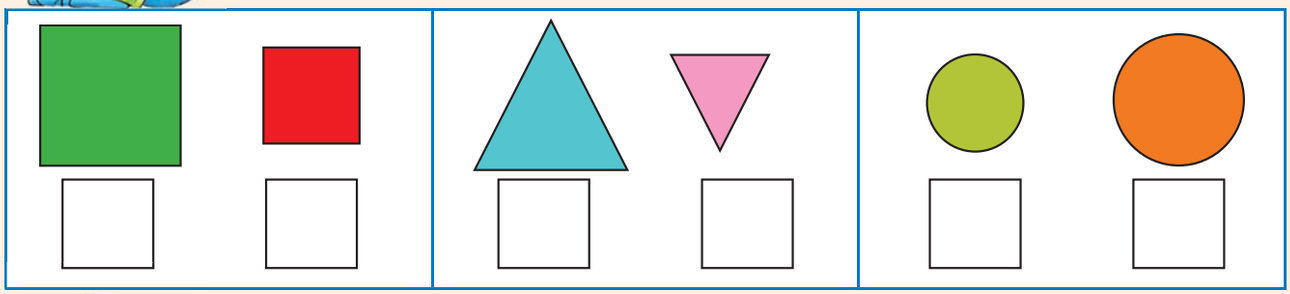


Phawula eyona milo incinci kwibloko nganye.





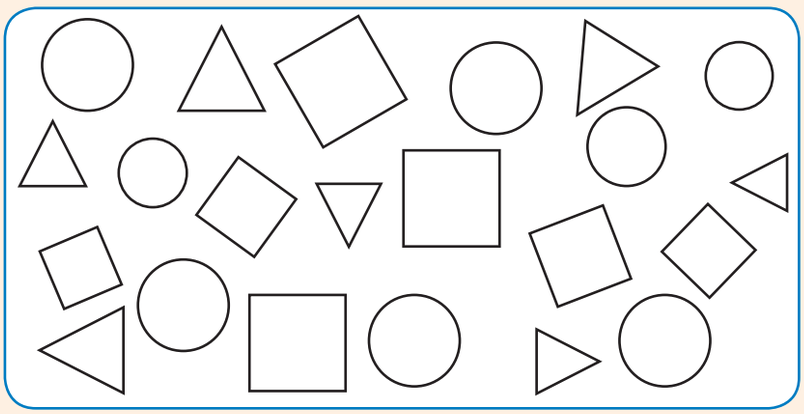
Phawula eyona milo inkulu kwibloko nganye.





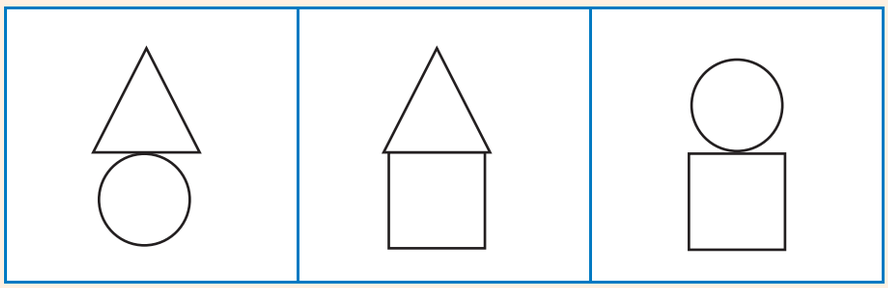
Faka umbala:

- ozuba kwizikwere
- obomvu koonxantathu
- oluhlaza kwizangqa



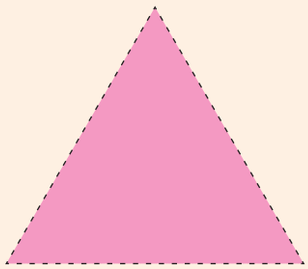


Yenza umfanekiso ngeemilo. Umfanekiso ngamnye siwuqale ngeemilo ezimbini.

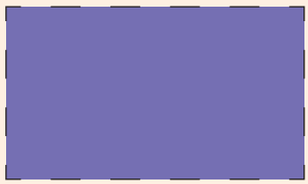


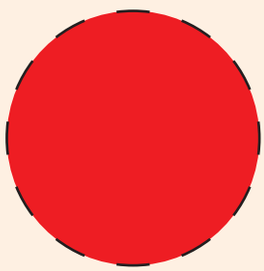


Zoba iimilo kwigridi.
Sebenzisa izikwere ezincinci zikuncede.



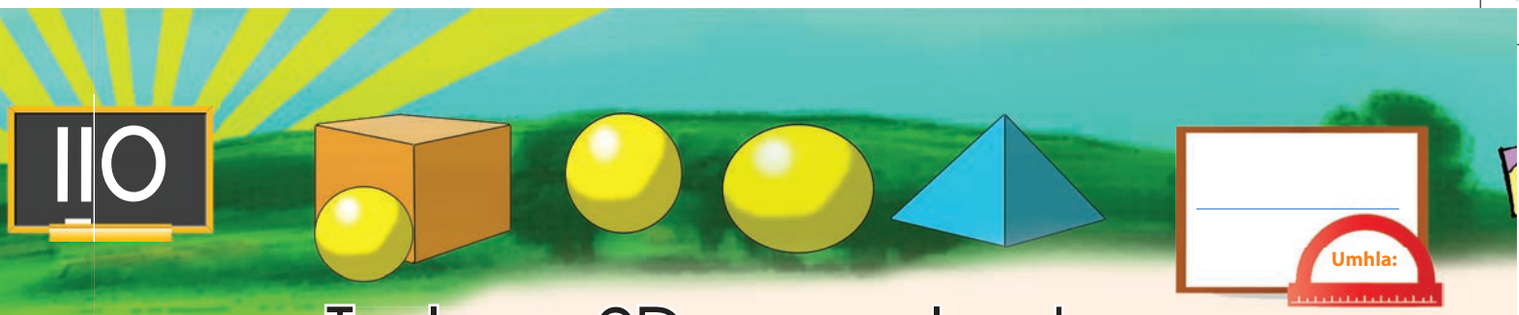






Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Iimilo ezi-2D – amacala athe tye nangqukuva



Khuphela ezi milo zilandelayo.

unxantathu	isangqa	isikwere
isangqa	unxantathu	isikwere



Phawula ubonise ukuba imilo inamacala athe tye okanye angqukuva.

amacala angqukuva ☐ amacala athe tye ☐	amacala angqukuva ☐ amacala athe tye ☐	amacala angqukuva ☐ amacala athe tye ☐



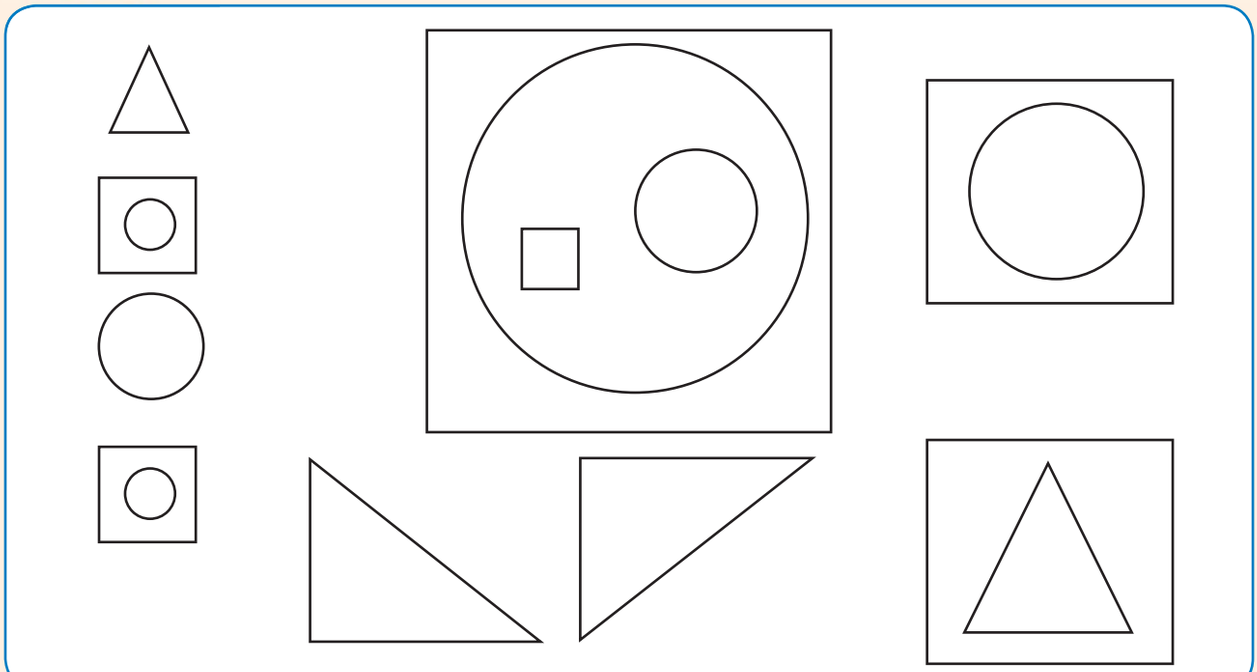
Zoba imilo enamacala:

athe tye	angqukuva

0 1 2 3 4 5 6 7 8 9 10



Bala inani lezangqa, lezikwere neloonxantathu.

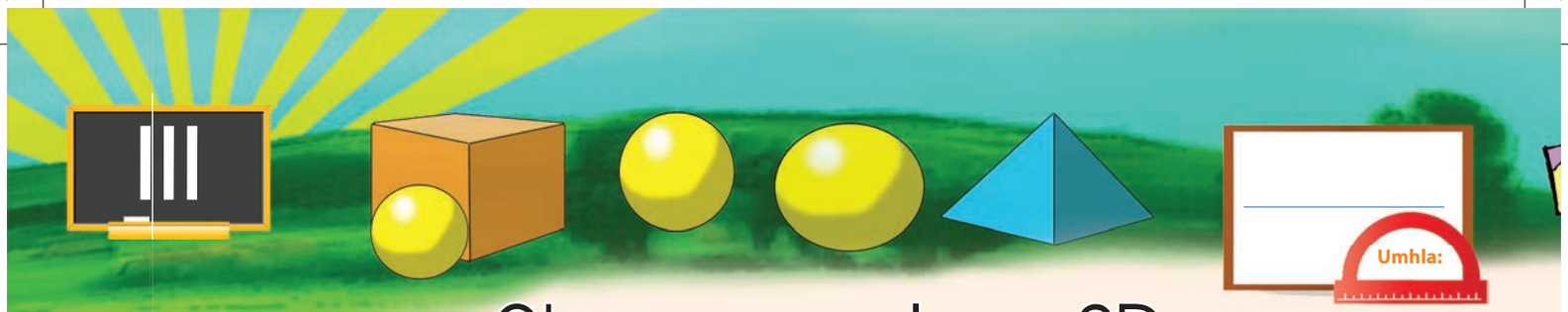


Izangqa ☐ Izikwere ☐ Oonxantathu ☐

Funa kwimagazini umfanekiso onamacala:

angqukuva	athe tye

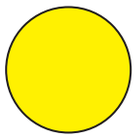
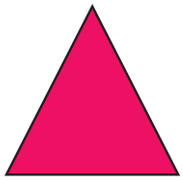
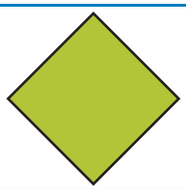
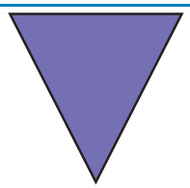
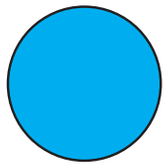
Teacher:
Sign:
Date:



Okunye ngeemilo ezi-2D



Thiya ezi milo amagama:

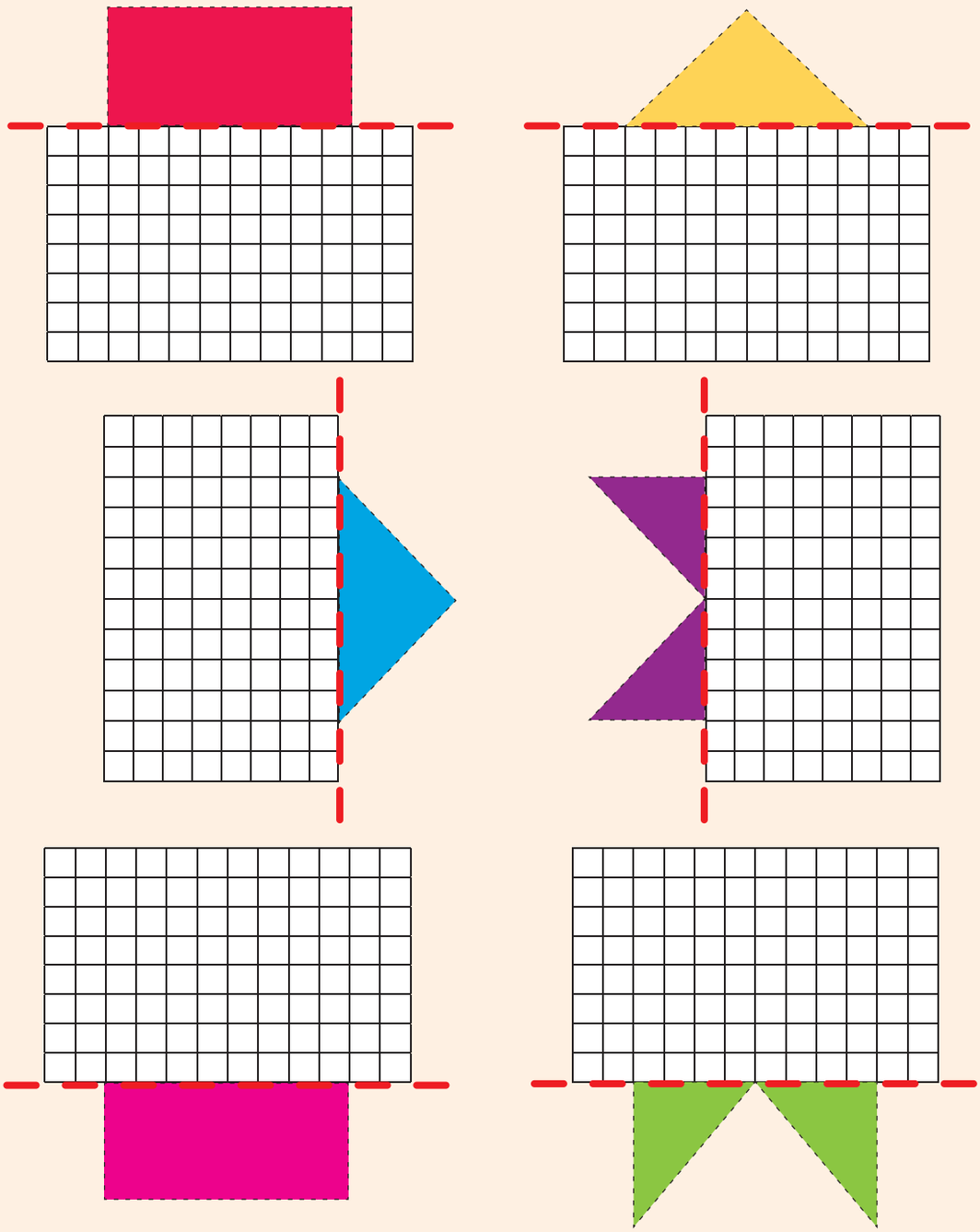


Zoba owakho umfanekiso usebenzise izangqa, oonxantathu nezikwere.

0 1 2 3 4 5 6 7 8 9 10



Zoba icala elisisiqingatha semilo nganye.
Sebenzisa izikwere ezincinci zikuncede.



Zonke zinamacala athe tye angqukuva .

Teacher:
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Date:

11 12 13 14 15 16 17 18 19 20

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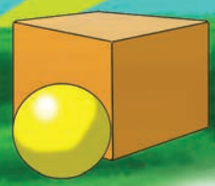
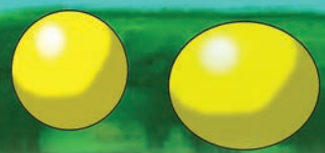




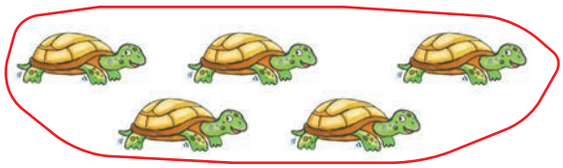
Umhla:

Amaqela ezihlanu ukuya kutsho kumashumi amabini



Yenza izangqa ukuze wenze amaqela ezihlanu.
Mangaphi amaqela ezihlanu onawo?

iqela lesi-5 eli- [1]



amaqela ezi-5 ama- [ ]



amaqela ezi-5 ama- [ ]



amaqela ezi-5 ama- [ ]





Bala inani leminwe. Bhala impendulo yakho.



5 + 5 + 5 = [ ]



5 + 5 + 5 + 5 = [ ]

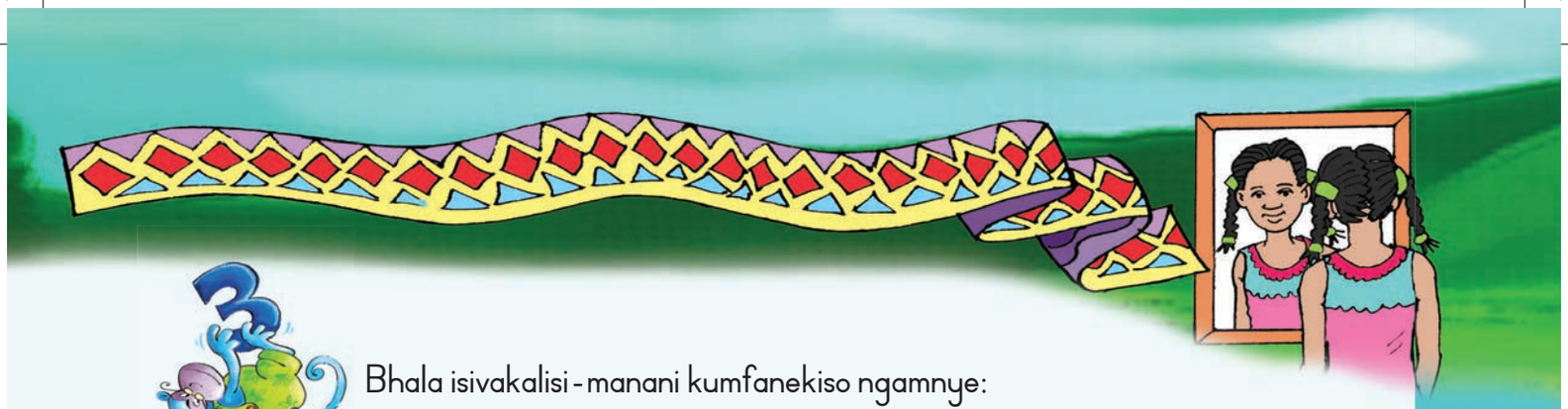


5 + 5 + 5 + 5 + 5 = [ ]



5 + 5 + 5 + 5 + 5 + 5 = [ ]

0 1 2 3 4 5 6 7 8 9 10



Bhala isivakalisi - manani kumfanekiso ngamnye:

Phendula imibuzo.



Zingaphi iingqekembe zee - 5c ozibonayo?

Bhala isivakalisi - manani:

Bhala amanani ashiyiweyo.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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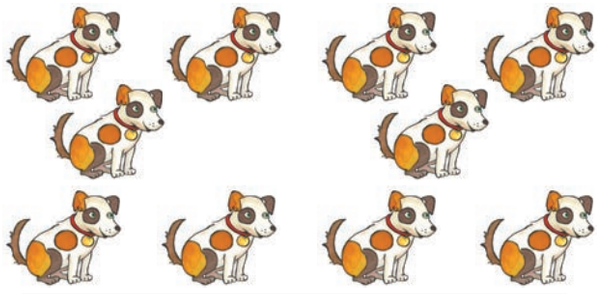
Umhla:

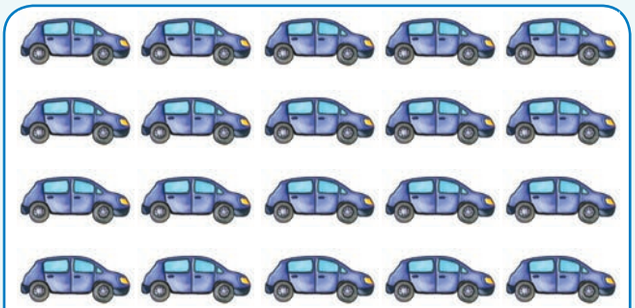
Izihlanu – ukudibanisa okuphindiweyo ukuya kutsho kuma-20

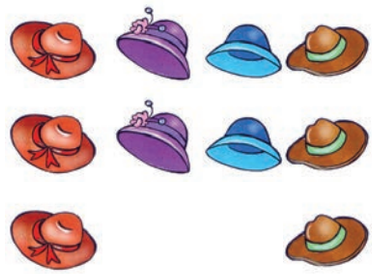


Yenza amaqela ezihlanu uze ubhale isivakalisi-manani.











Zoba amaqela eemilo ubonise isivakalisi-manani.

5 + 5 + 5 = ☐

5 + 5 + 5 + 5 = ☐

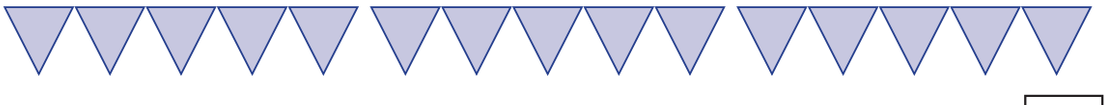
0 1 2 3 4 5 6 7 8 9 10



3 Bhala isivakalisi-manani kumfanekiso ngamnye:



5 + 5 = ☐



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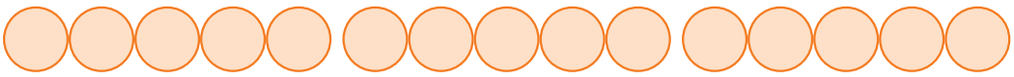
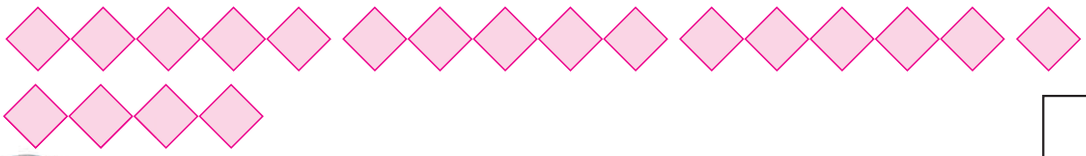


☐



☐

4 Uwabala kangaphi amanani amahlanu? _____

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

5 Kukho izandla ezithathu efesitileni. Mingaphi iminwe esefesitileni?
Zoba umfanekiso uze ubhale isivakalisi-manani.

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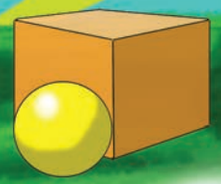
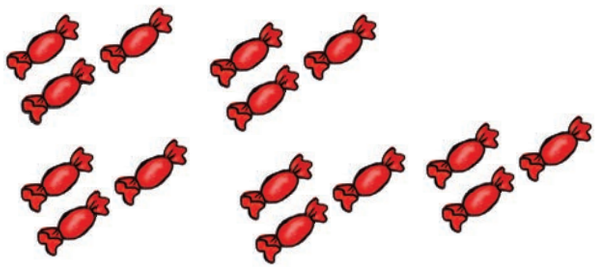


Umhla:

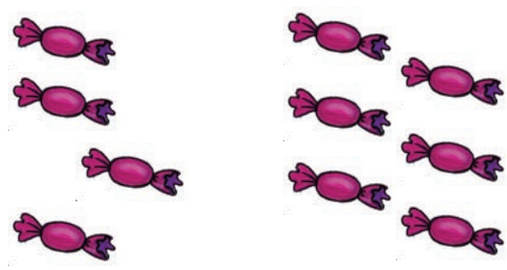
Ukwabelana ukuya kutsho kuma-20



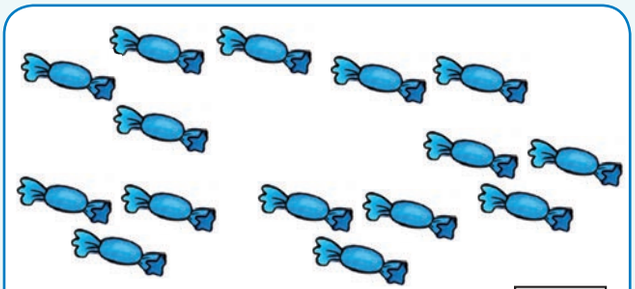
Yabela abahlobo abahlanu iilekese.
Uza kufumana iilekese ezingaphi emnye?



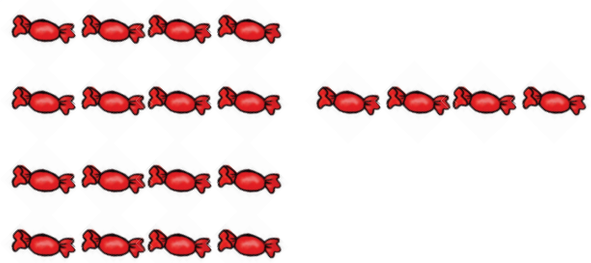
Umhlobo ngamnye uza kufumana iilekese ezi ☐



Umhlobo ngamnye uza kufumana iilekese ezi ☐



Umhlobo ngamnye uza kufumana iilekese ezi ☐



Umhlobo ngamnye uza kufumana iilekese ezi ☐

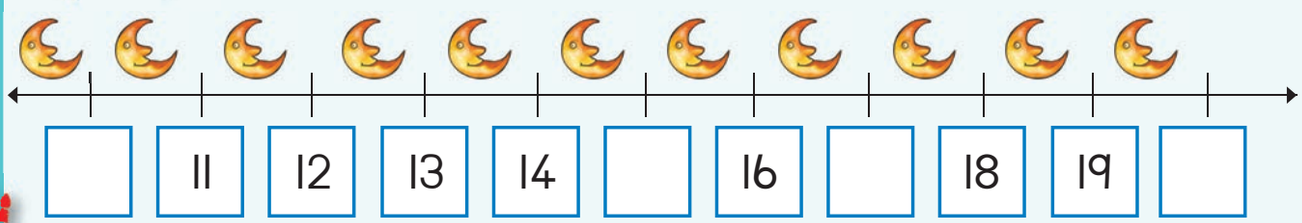


Faka umbala kwiziphindwa zesihlanu.

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

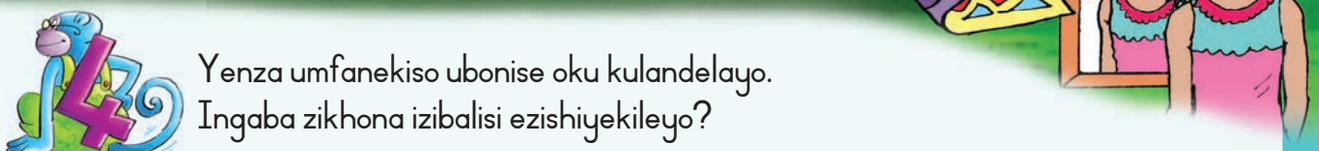


Bhala amanani angekhoyo.



☐	11	12	13	14	☐	16	☐	18	19	☐





Yenza umfanekiso ubonise oku kulandelayo.
Ingaba zikhona izibalisi ezishiyekileyo?

Yabela abantwana abahlanu izibalisi ezili-10. Kukho izibalisi ezi ☐ ezishiyekileyo.	Yabela abantwana abahlanu izibalisi ezi-6. Kukho isibalisi esi ☐ esishiyekileyo.
Yabela abantwana abahlanu izibalisi ezili-11. Kukho isibalisi esi ☐ esishiyekileyo.	Yabela abantwana abahlanu izibalisi ezili-16. Kukho isibalisi esi ☐ esishiyekileyo.



Bhala isivakalisi-manani kumfanekiso ngamnye:



5 + 5 = ☐



☐



☐



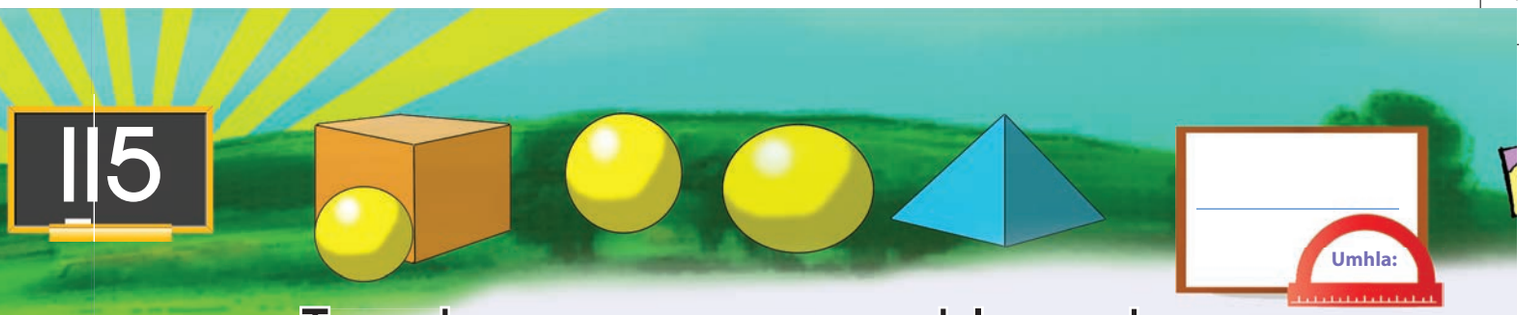
☐



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Iipatheni zamanani – izihlanu ukuya kwi-100



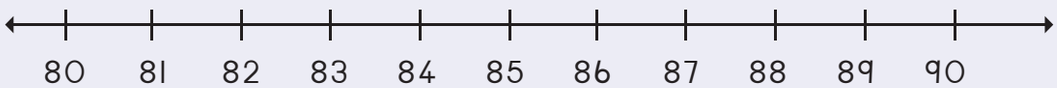
Gqibezela ipatheni ngokufakela imibala kwiziphindwa zezihlanu.

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

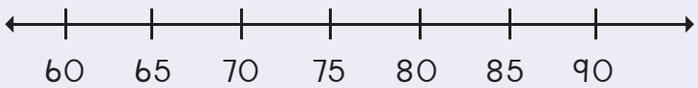


Yenza izazinge ubonise oku:

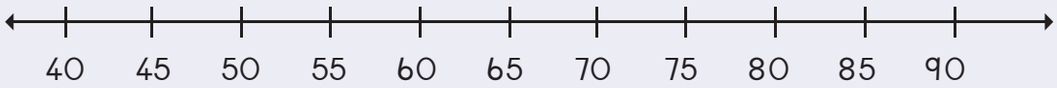
86, 88, 90



70, 75, 80



55, 60, 65, 70

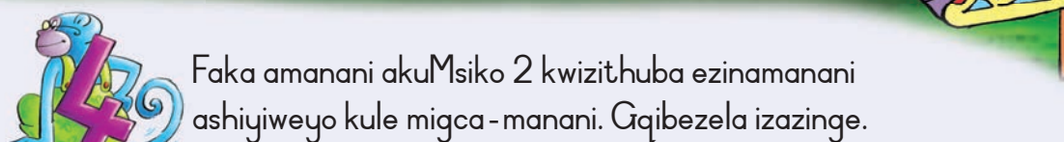




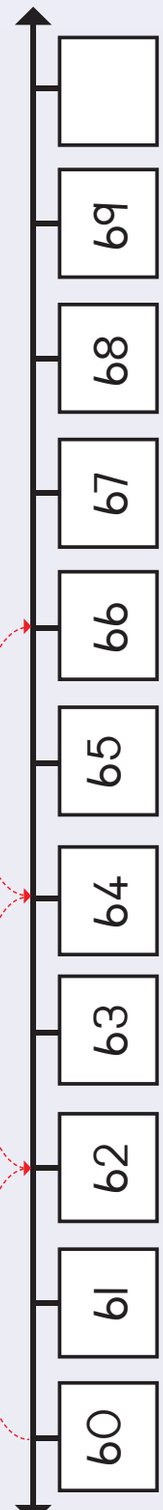
Sebenzisa iwotshi ubonise ukubala imizuzu ngezihlanu.

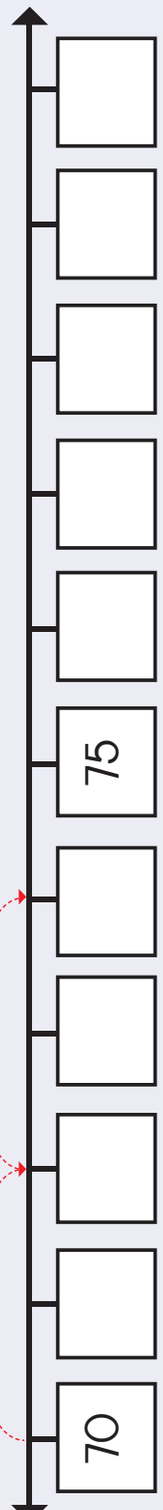


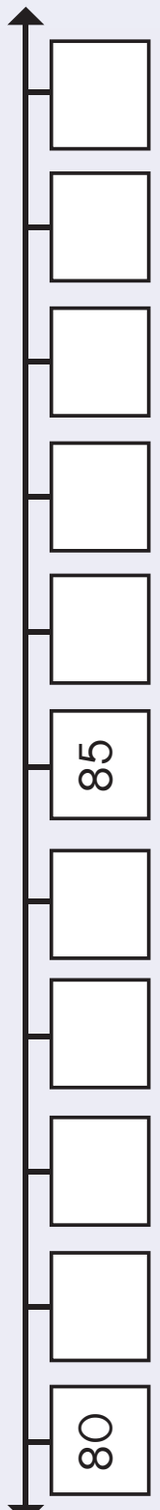




Faka amanani akuMsiko 2 kwizithuba ezinamanani ashiyiweyo kule migca-manani. Gqibezela izazinge.



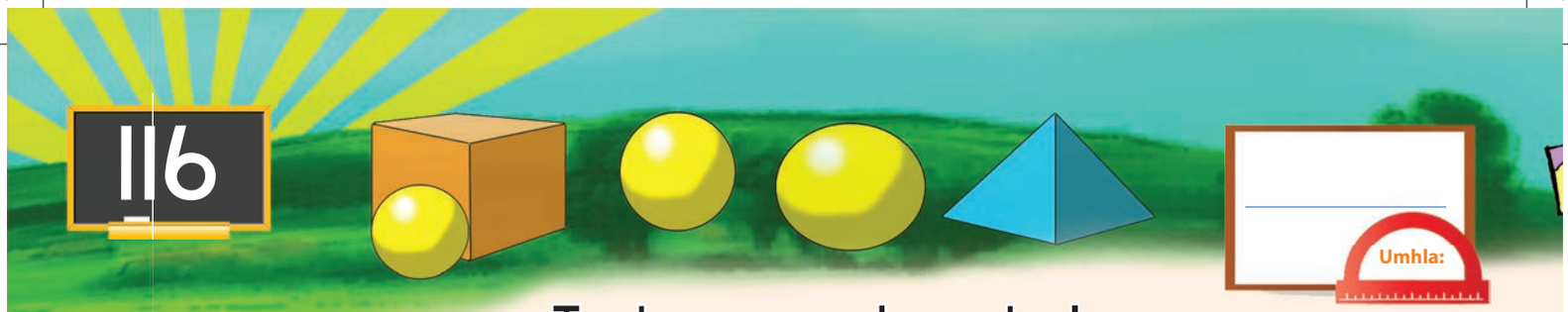






Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Indawo nembonakalo



Tshatisa umphambili nomva wesilwanyana ngasinye.

Umphambili	Umva
	
	
	
	



Biyela utolo oluhambelana notolo olunombala.

↑	
↓	
←	
→	

→	←	↑	↓
↑	↓	→	←
→	←	↑	↓
↑	←	↓	→

0 1 2 3 4 5 6 7 8 9 10



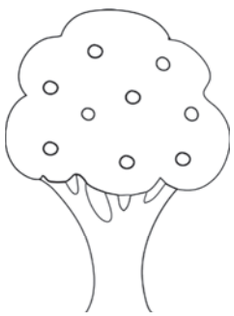
3 Faka umbala kwimbonakalo echanekileyo.

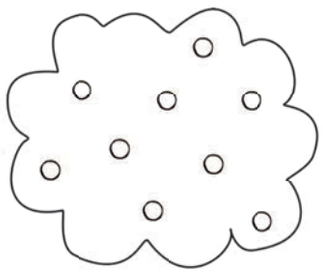
		
Imbonakalo yangaphezulu	Imbonakalo yangaphezulu	Imbonakalo yangasemva
Imbonakalo yasecaleni	Imbonakalo yasecaleni	Imbonakalo yasecaleni
Imbonakalo yangaphambili	Imbonakalo yangaphambili	Imbonakalo yangaphambili

4 Iphi ikati?
Faka umbala kwimpendulo echanekileyo.

		
Ngasemva	Ngasemva	Ngasemva
Ngaphambili	Ngaphambili	Ngaphambili
Ecaleni	Ecaleni	Ecaleni

5 Jonga le mifanekiso mibini. Faka umbala kwimbonakalo yangaphezulu.





Teacher:
Sign:
Date:

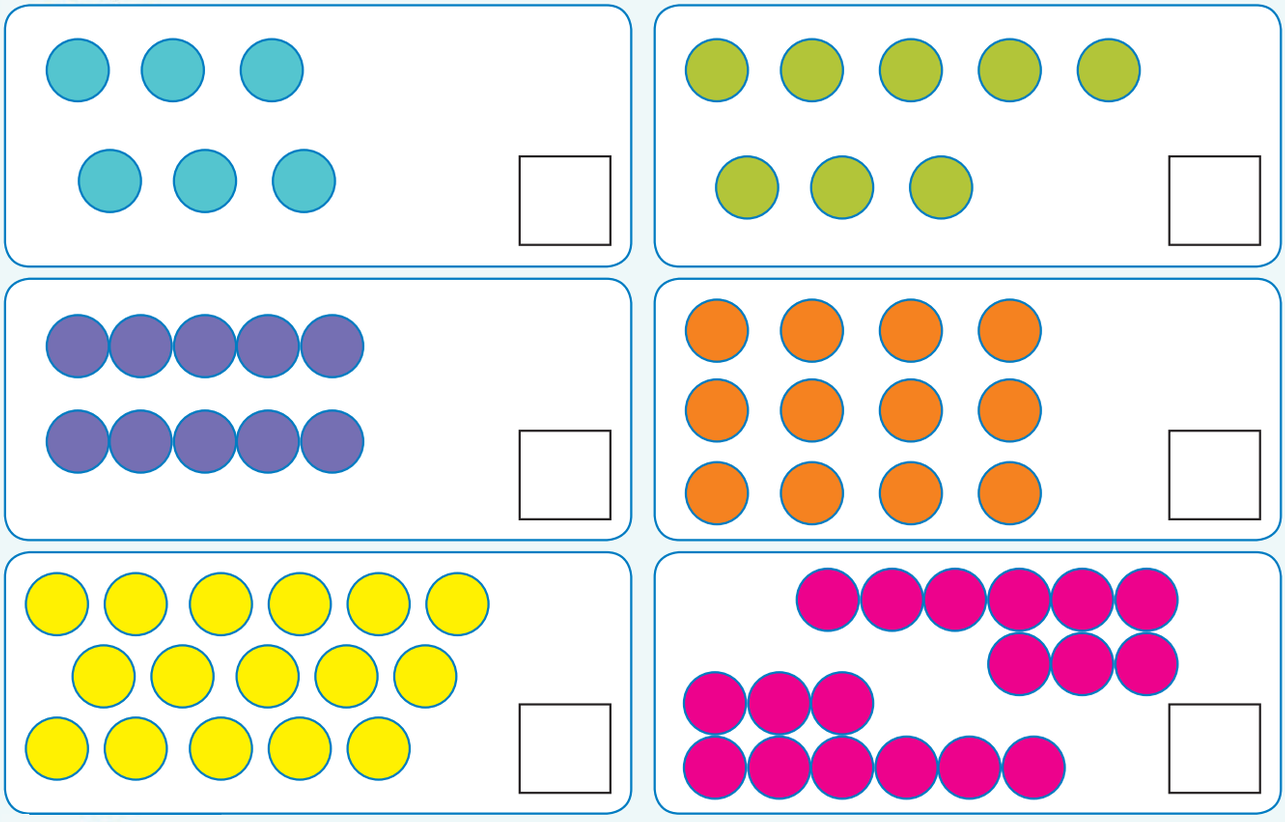
11 12 13 14 15 16 17 18 19 20

117

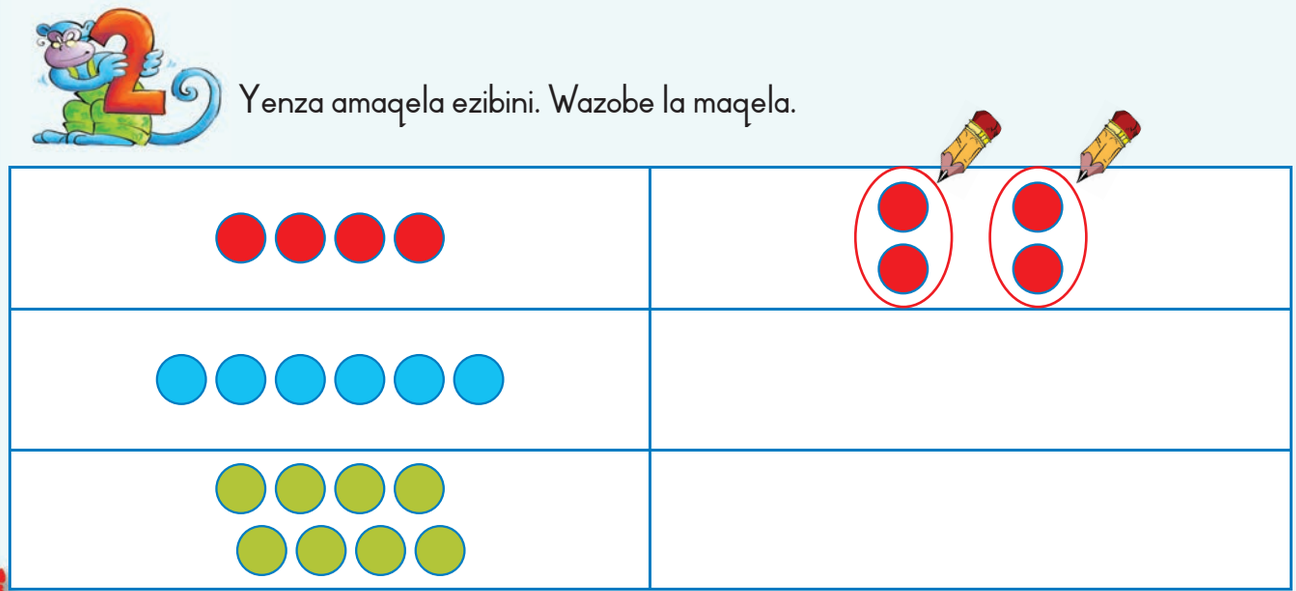
Umhla:

Amaqela ezibini ukuya kutsho kuma-20

Yenza amaqela ezibini. Bhala phantsi ukuba mangaphi na amaqela akhoyo.



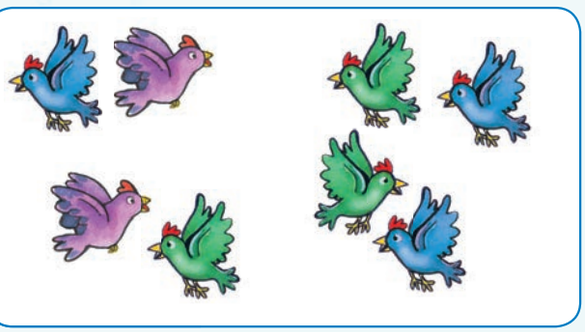
Yenza amaqela ezibini. Wazobe la maqela.



0 1 2 3 4 5 6 7 8 9 10



Phendula imibuzo.



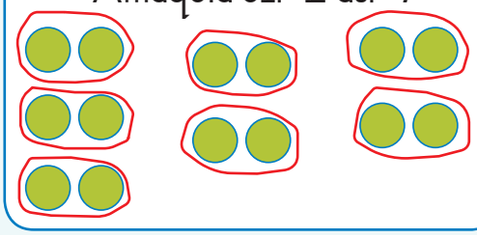
Zingaphi iintaka ezikhoyo?

Mangaphi amaqela ezibini onokuwenza?

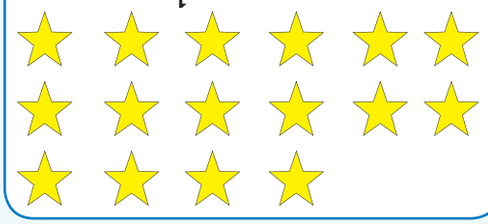
Bhala izivakalisi-manani.

Biyela ngesangqa ukuze wenze oku.

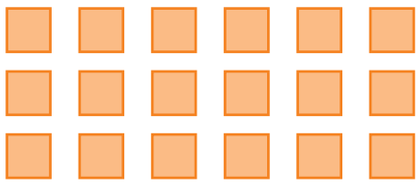
Amaqela ezi-2 asi-7



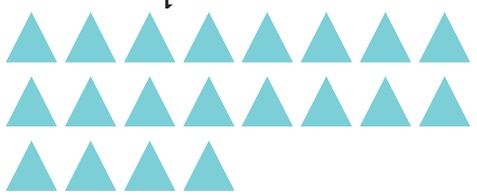
Amaqela ezi-2 asi-8



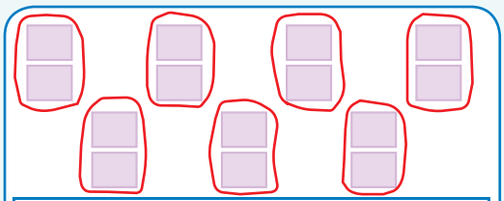
Amaqela ezi-2 ali-9

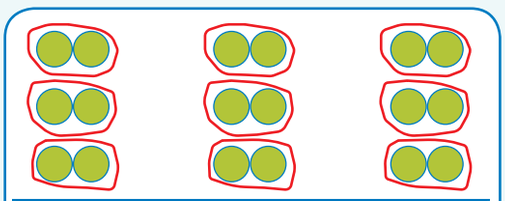


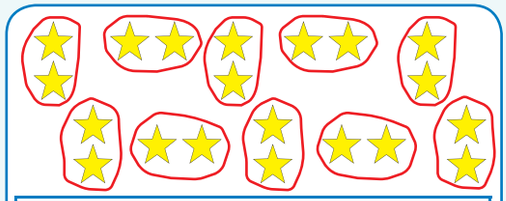
Amaqela ezi-2 ali-10

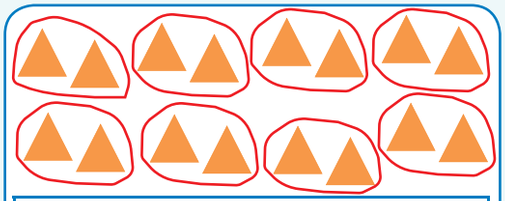


Bhala isivakalisi-manani kumfanekiso ngamnye.









Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

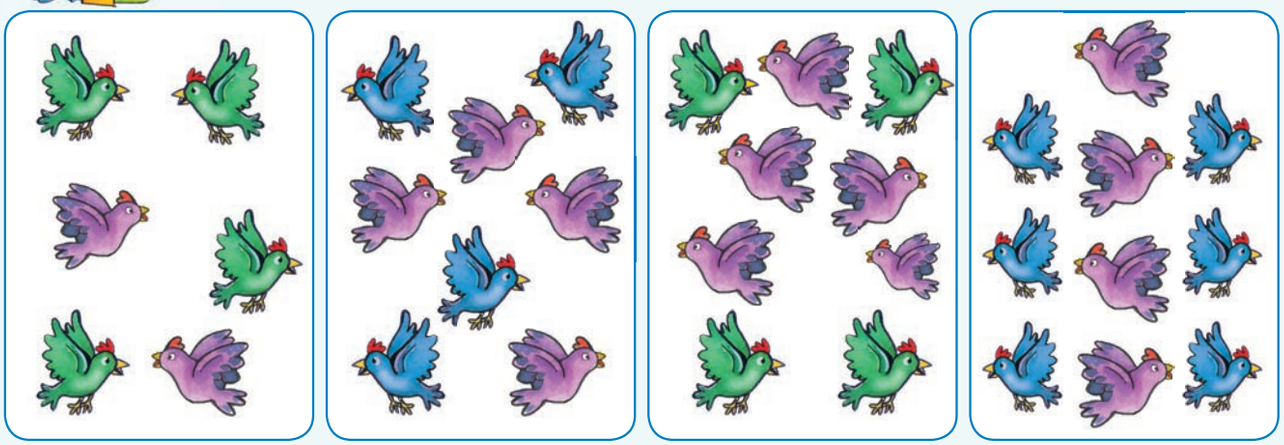
118

Umhla:

Izibini – ukudibanisa okuphindiweyo ukuya kuma-20



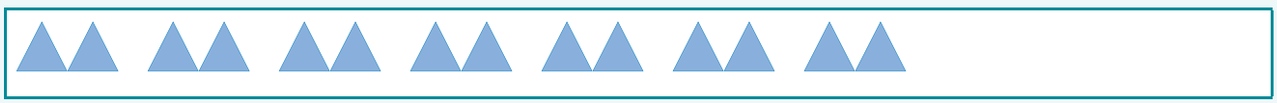
Mangaphi amanqina akhoyo? Bhala isivakalisi-manani kwibloko nganye.





Zoba iimilo ezimele oku:

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



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

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

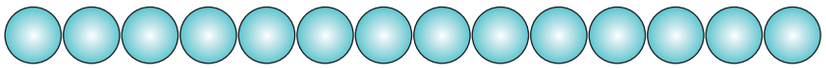
2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =

0 1 2 3 4 5 6 7 8 9 10

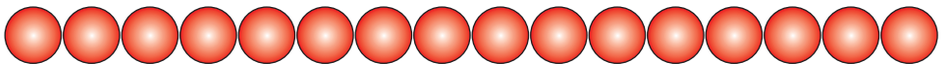




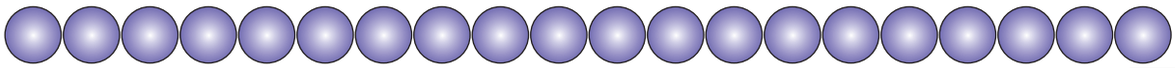
Bhala isivakalisi-manani kumfanekiso ngamnye:



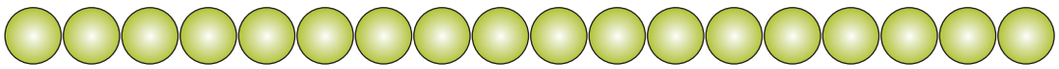
2 + 2 + 2 + 2 + 2 + 2 + 2 = ☐



☐



☐



☐

Faka umbala kwiziphindwa zesibini.

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

Ndineepakethe ezi-6 ezineelekese ezimbini inye. Zingaphi iilekese endinazo? Zoba umfanekiso uze ubhale isivakalisi-manani.

Ndineelekese ezi ☐.

Teacher:
Sign:
Date:

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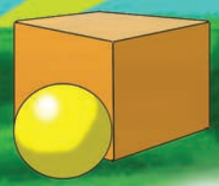
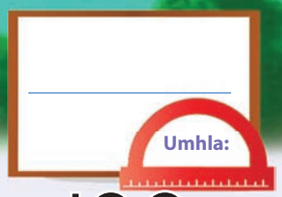




Iipatheni zamanani – izibini ukuya kwi-100



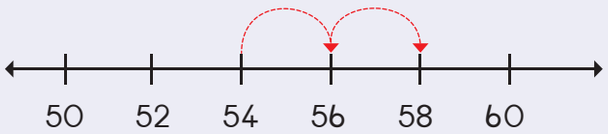
Gqibezela ipatheni ufakele imibala kula manani.

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

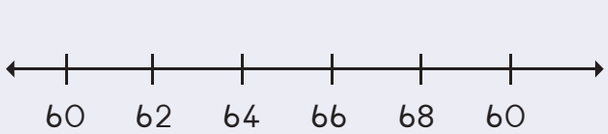


Yenza izazinge ubonise oku:

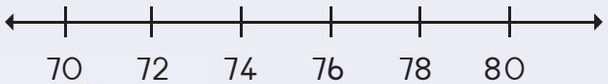
54, 56, 58



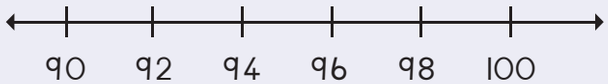
64, 66, 68



74, 76, 78



94, 96, 98



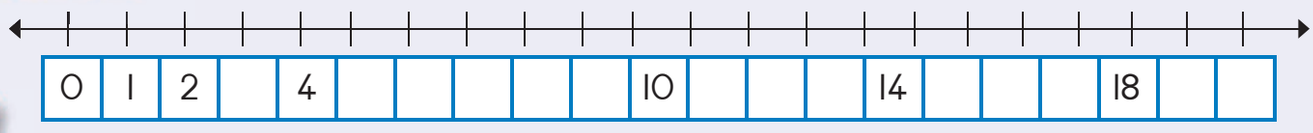


Fakela amanani ashiyiweyo. Fakela umbala kule patheni: 2, 4…

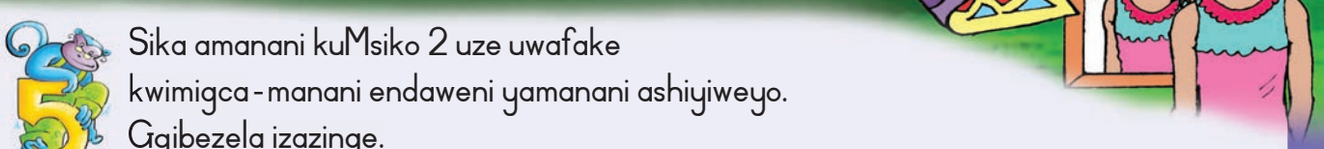
1		3				7			10
11						17			20



Gqibezela umgca-manani.





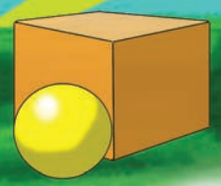


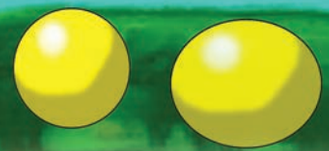
Sika amanani kuMsiko 2 uze uwafake kwimigca-manani endaweni yamanani ashiyiweyo. Gqibezela izazinge.

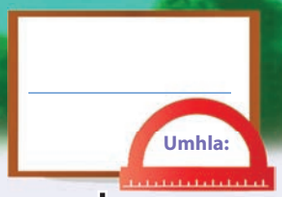
	69		67		65		63		61	60
	79		77		75		73		71	70
	89		87		85		83		81	80
	99		97		95		93		91	90

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



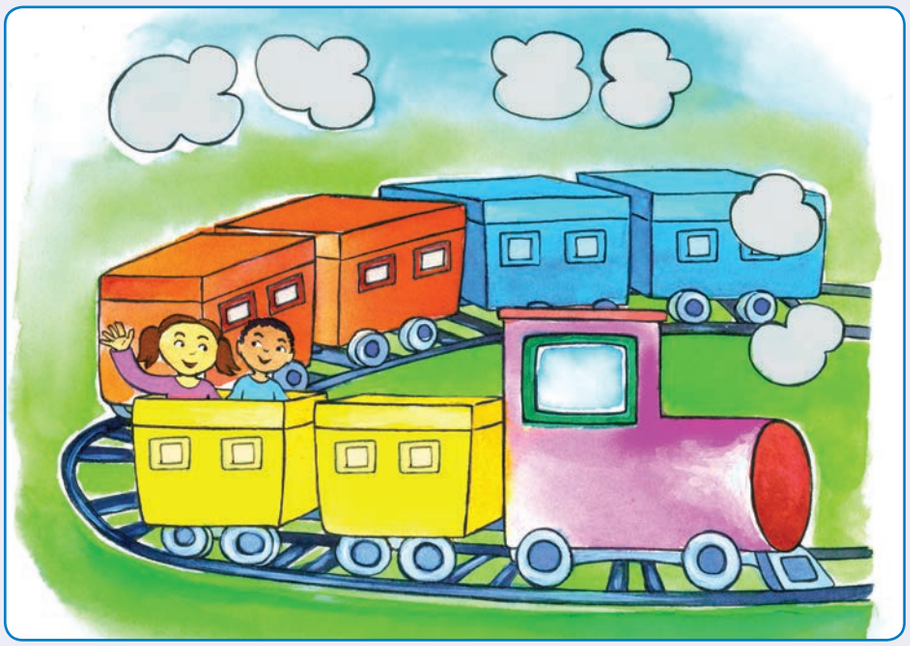




Iipatheni zamanani – izibini ukuya kutsho kwi-100

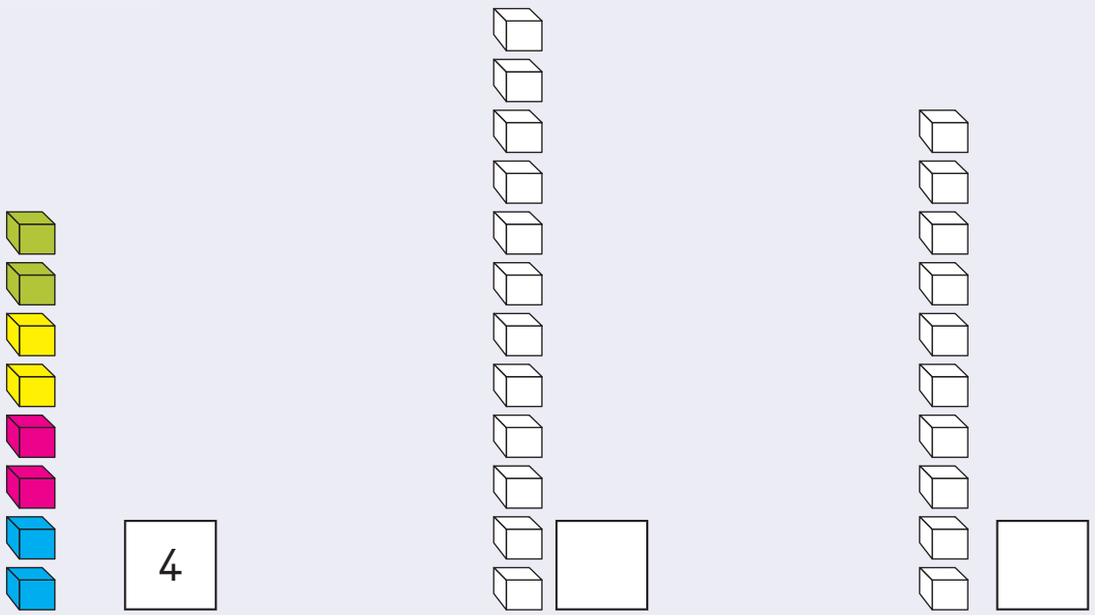


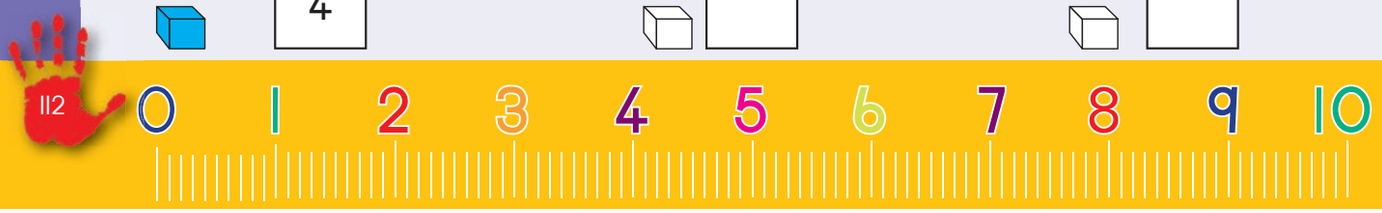
Zikhona iipatheni zezibini ozibonayo?





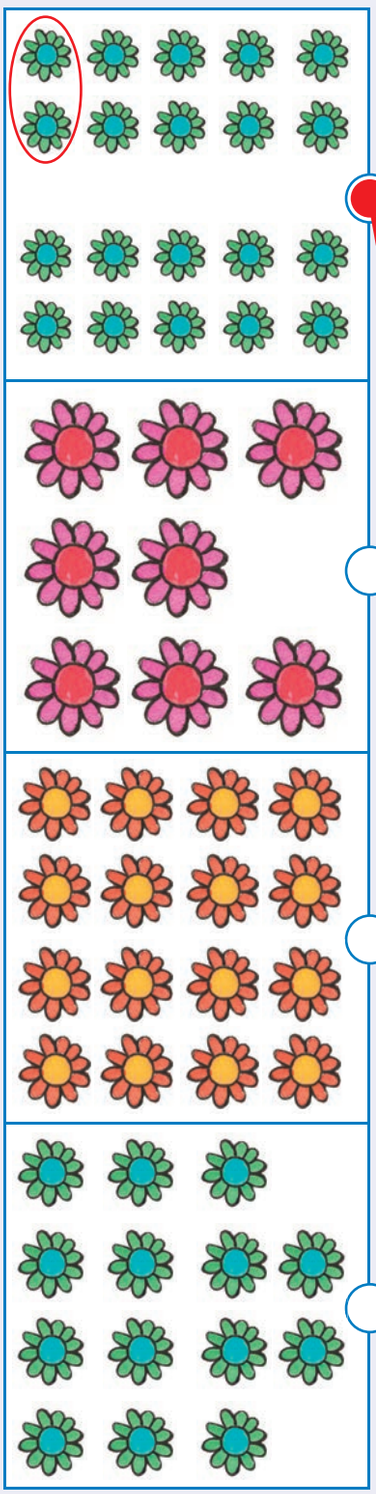
Fakela umbala kwiibloko ubonise amaqela ezibini.
Bala ukuba mangaphi amaqela akhoyo.







Krwela umgca utshatise amaqela ezibini nezivakalisi - manani.



$2 + 2 + 2 + 2 = 8$

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

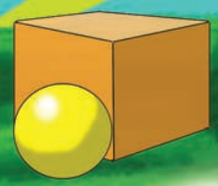
$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 20$

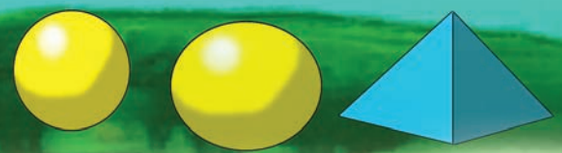
$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16$

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

121



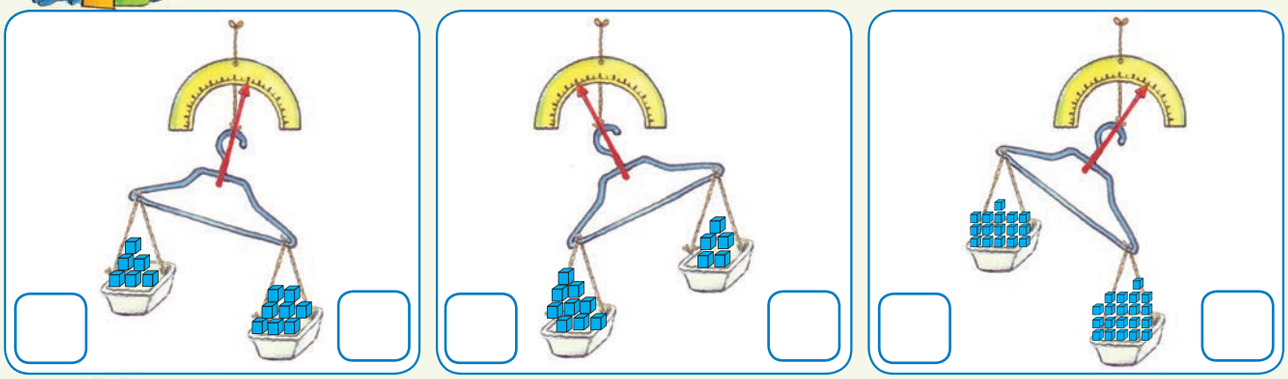


Umhla:

Ubunzima

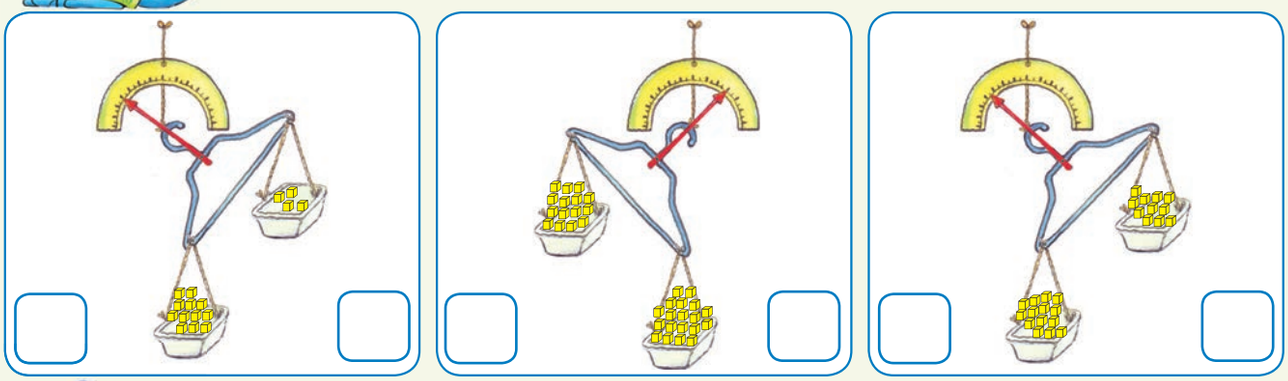


Bhala ukuba zingaphi iibloko ezikwisikhongozelo ngasinye.
Biyela isikhongozelo esinzima.



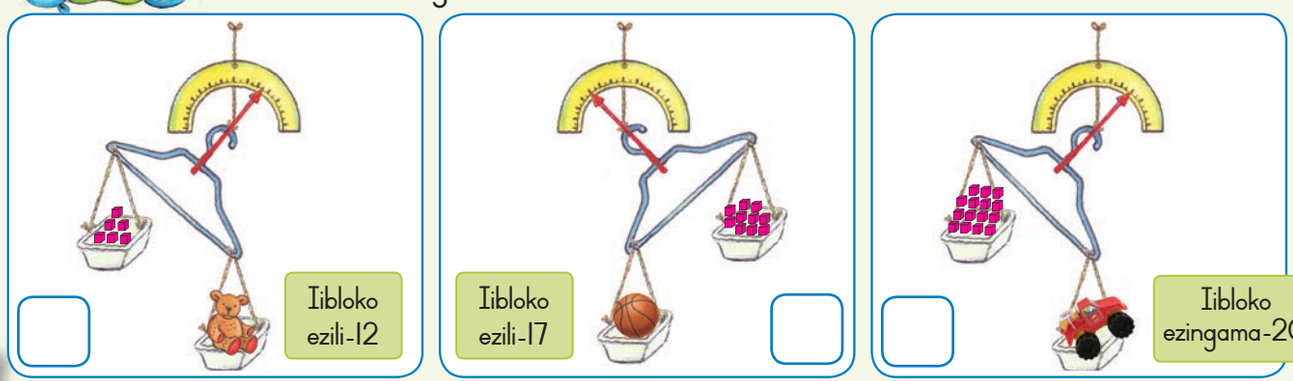


Bhala ukuba zingaphi iibloko ezikwisikhongozelo ngasinye.
Biyela isikhongozelo esikhaphu-khaphu.





Bala ukuba zingaphi na iibloko. Bala ukuba zingaphi iibloko ezingaphezulu ezifunekayo ukuze kulinganiswe ithoyi. Isikali siyakuxelela ukuba ithoyi inobunzima obungakanani.

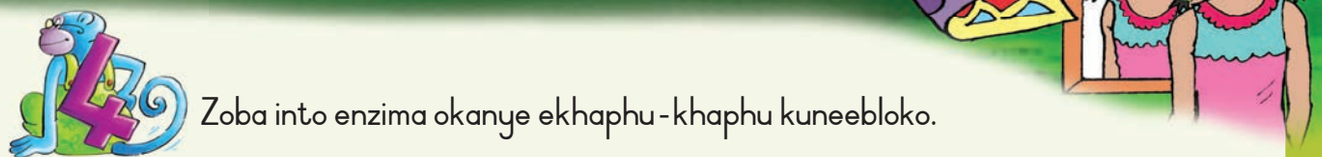


Iibloko ezili-12

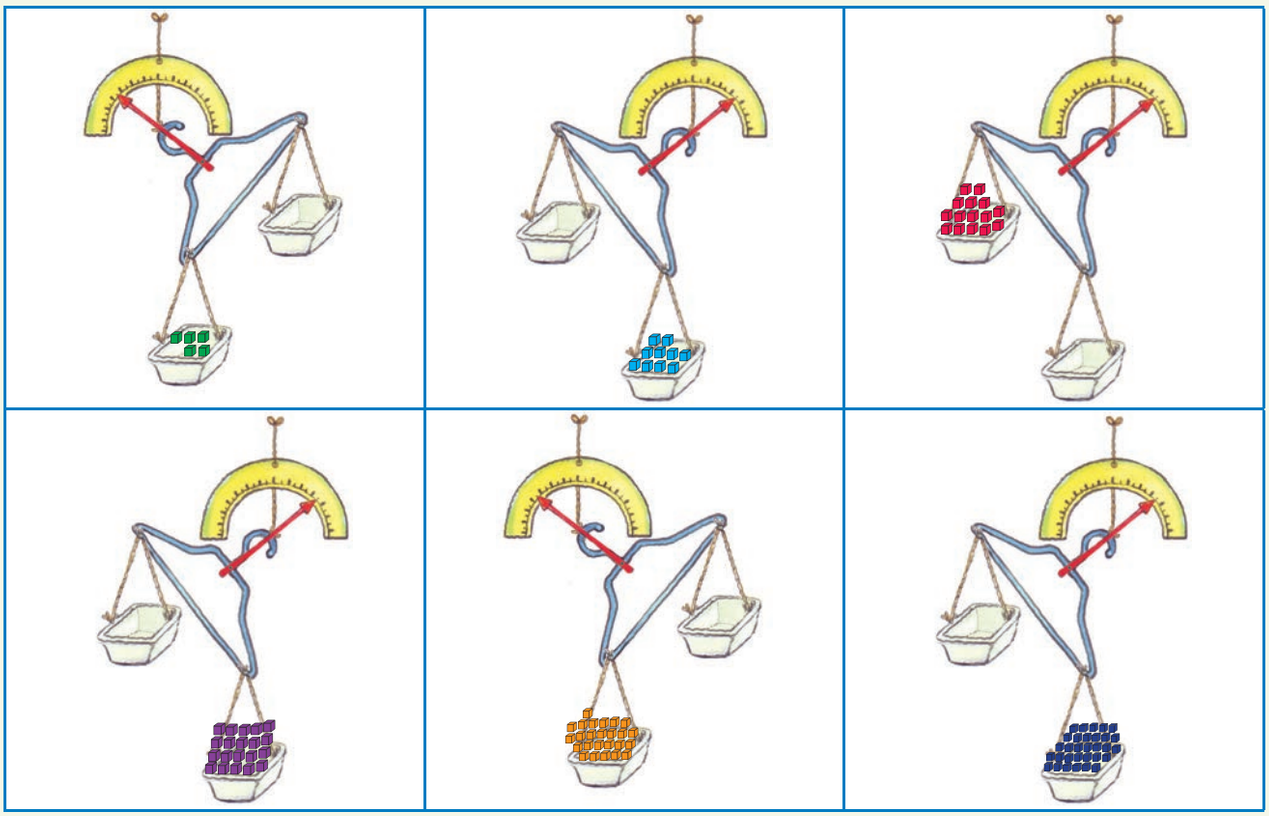
Iibloko ezili-17

Iibloko ezingama-20

0 1 2 3 4 5 6 7 8 9 10



Zoba into enzima okanye ekhaphu-khaphu kuneebloko.



Sebenzisa naziphi na izinto ezintlanu ezisedesikeni yakho. Qala uqikelele ukuba inobunzima obungakanani uze wakugqiba uyilinganise esikalini ukhangele ukuba ingaba ingqikelelo yakho ichanekile na.

Zoba le nto	Qikelela	Ubunzima	Umahluko
	ziibloko ezi___	ziibloko ezi___	___ – ___ = ____

Teacher:
Sign:
Date:

122

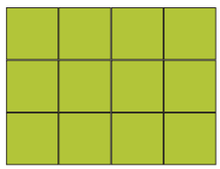
Umhla:

Ukuphinda kabini

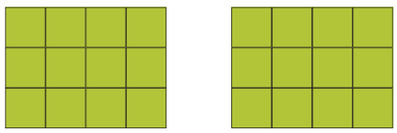


Phendula oku kulandelayo:

Zingaphi izikwere ezikhoyo?

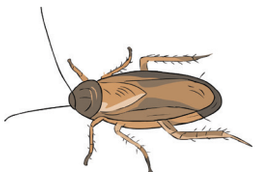


Zingaphi ezikhoyo ngoku?

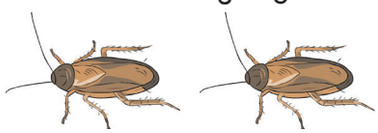


Sithi i-12 eliphindwe kabini lenza ama-24.

Mingaphi imilenze ekhoyo?



Mingaphi imilenze ekhoyo ngoku?



Sithi isi-6 esiphindwe kabini silingana ne

Bangaphi oothinti abakhoyo?



Bangaphi oothinti abakhoyo ngoku?



Sithi i-10 eliphindwe kabini lenza

Zingaphi iintsuku ezenza iveki?

C	Mv	Lb	Lt	Ln	Lhl	Mgq

Zingaphi iintsuku ezikwiiveki ezimbini?

C	Mv	Lb	Lt	Ln	Lhl	Mgq

Sithi isi-7 esiphindwe kabini senza

Zingaphi iikhrayoni ezikhoyo?



Zingaphi iikhrayoni ezikhoyo ngoku?



Sithi isi-8 esiphindwe kabini senza

0 1 2 3 4 5 6 7 8 9 10



Bhala impendulo.

Isi-4 esiphindwe kabini	=	8
i-10 eliphindwe kabini	=	
i-11 eliphindwe kabini	=	
Isi-2 esiphindwe	=	
Isi-6 esiphindwe kabini	=	



Bhala impendulo:

Isibini esiphindwe kabini senza	isine
Isithathu esiphindwe kabini senza	
Isine esiphindwe kane senza	
Isihlanu esiphindwe kabini senza	
Isithandathu esiphiwe kabini senza	
Isixhenxe esiphindwe kabini senza	



Gqibezela itheyibhile

9 + 9 + 1 =		okanye	Phinda kabini i-9 + 1 =
		okanye	Phinda kabini i-8 + 1 =
10 + 10 + 1 =		okanye	
7 + 7 + 1 =		okanye	Phinda kabini i-7 + 1 =

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

123

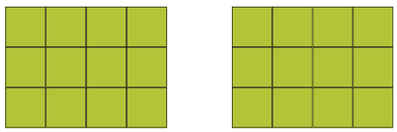
Umhla:

Ukwahlula kubini

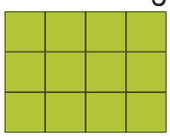


Phendula oku kulandelayo:

Zingaphi izikwere ezikhoyo?

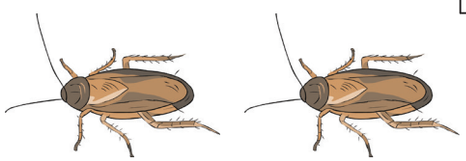


Zingaphi izikwere ezikhoyo ngoku?

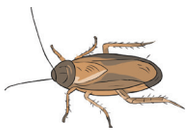


Sithi isiqingatha sama-24 li-12.

Mingaphi imilenze ekhoyo?



Mingaphi imilenze ekhoyo ngoku?



Sithi isiqingatha se-12 sisi-

Bangaphi oothinti abakhoyo?



Bangaphi oothinti abakhoyo ngoku?



Sithi isiqingatha sama-20 li-

Zingaphi iintsuku kwiiveki ezi-2?

C	Mv	Lb	Lt	Ln	Lhl	Mgq

C	Mv	Lb	Lt	Ln	Lhl	Mgq

Zingaphi iintsuku kwiveki enye?

C	Mv	Lb	Lt	Ln	Lhl	Mgq

Sithi isiqingatha se-14 sisi-

Zingaphi iikhrayoni ezikhoyo?



Zingaphi iikhrayoni ezikhoyo ngoku?



Sithi isiqingatha se-16 sisi-

0 1 2 3 4 5 6 7 8 9 10



Bhala impendulo.

Isiqingatha sesi-8	=	4
Isiqingatha se-10	=	
Isiqingatha sesi-6	=	
Isiqingatha se-12	=	
Isiqingatha se-14	=	



Bhala impendulo.

Isiqingatha sesine sisi-	bini
Isiqingatha sesithandathu sisi-	
Isiqingatha sesibini ngu-	
Isiqingatha sesibhozo sisi-	
Isiqingatha seshumi sisi-	



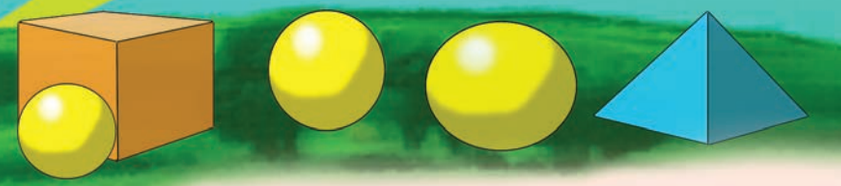
Bhala impendulo.

Isiqingatha se-10 sisi-	5
Isiqingatha se-12 sisi-	
Isiqingatha se-14 sisi-	
Isiqingatha se-16 sisi-	
Isiqingatha se-18 li-	



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

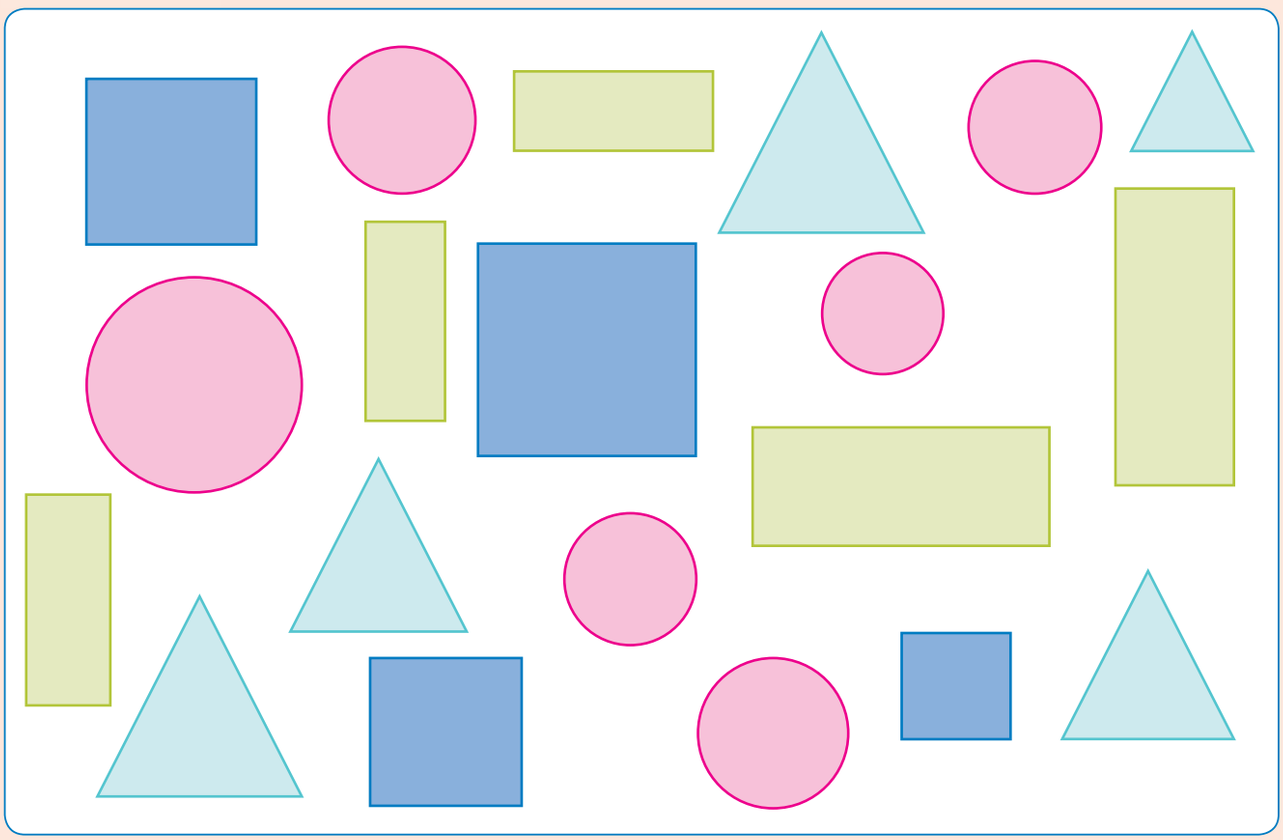


Umhla:

Iinkcukacha



Bala ukuba zingaphi iimilo ezahlukeneyo ezikhoyo wandule ukuphendula imibuzo.



1. Zingaphi izikwere ezikhoyo? 
2. Bangaphi oonxantathu abakhoyo? 
3. Zingaphi iingxande ezikhoyo? 
4. Zingaphi izangqa ezikhoyo? 





Ezi ziqhamo zikhethwe ngabahlobo bakho abangama-20. Khawuzihlele uze uzobe kwigrafu yemifanekiso iziqhamo ozihlelileyo wandule ukuphendula imibuzo engezantsi.



Iziqhamo esizithandayo?

Isikhokelo = ◯

Amaqunube	Ama-apile	Amapere	Iibhanana	Ii-orenji

Bangaphi abantwana abathanda amaqunube?	
Bangaphi abantwana abathanda ama-apile?	
Bangaphi abantwana abathanda amapere?	
Bangaphi abantwana abathanda iibhanana?	
Bangaphi abantwana abathanda ii-orenji?	
Sesiphi isiqhamo esithandwa kakhulu ngabantwana?	
Sesiphi isiqhamo esingathandwa kakhulu ngabantwana?	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Umhla:

Ezinye iinkcukacha

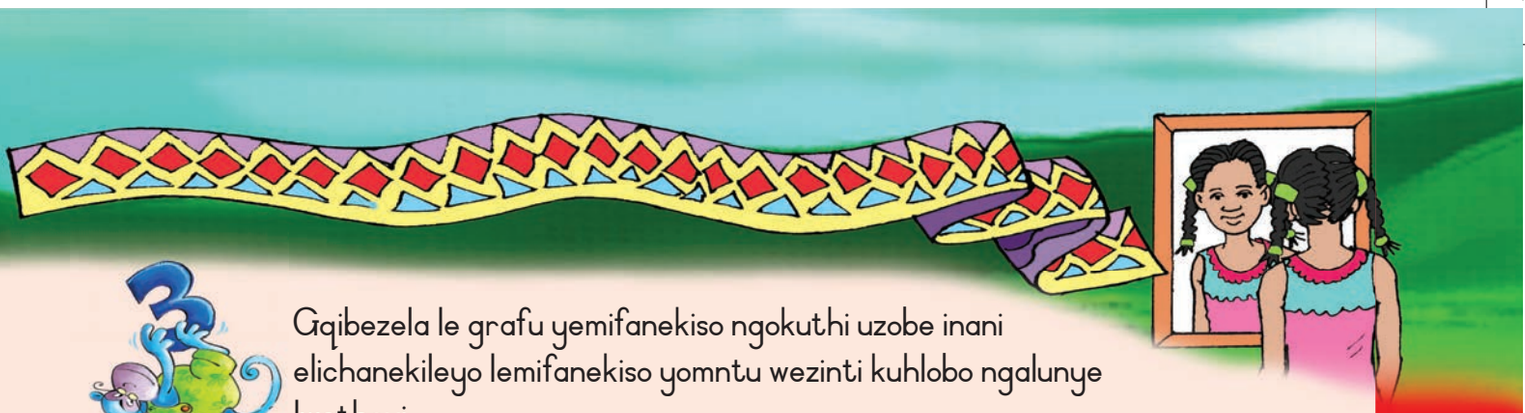
Abantwana abaseklasini banezi thoyi zokudlala zilandelayo.
Umntwana ngamnye unezingaphi kuhlobo ngalunye?



Gqibezela itheyibhile.

Ithoyi	Inani
Oonopopi	
Iitrakha	
Oobherana	
Iirobhothi	

0 1 2 3 4 5 6 7 8 9 10



Gqibezela le grafu yemifanekiso ngokuthi uzobe inani elichanekileyo lemifanekiso yomntu wezinti kuhlobo ngalunye lwethoyi.

Isikhokelo = 

Iithoyi esinazo

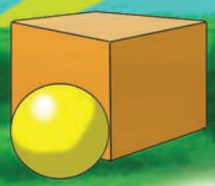
Oonopopi	Iitrakha	Oobherana	Iirobhothi

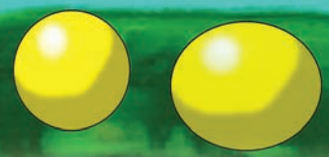
Phendula le mibuzo. Jonga kwigrafu yemifanekiso ikuncede.

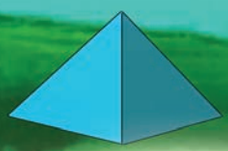
Bangaphi abantwana abanoonopopi?	
Bangaphi abantwana abaneetrakha?	
Bangaphi abantwana abanoobherana?	
Bangaphi abantwana abaneerobhothi?	
Yeyiphi ithoyi ethandwa kakhulu?	
Yeyiphi ithoyi engathandwa kakhulu?	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





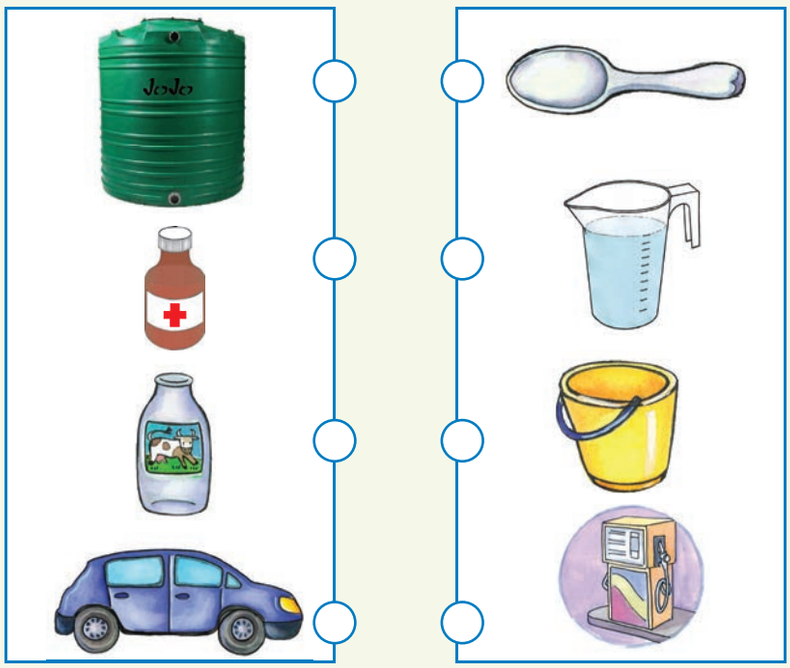


Umhla:

Umthamo

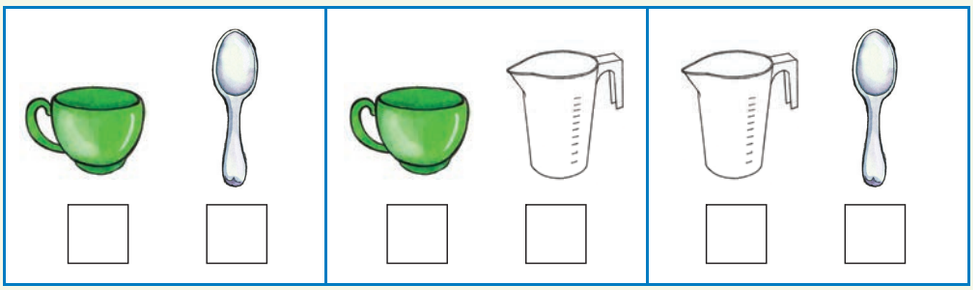


Silulinganisa njani ulwelo?
Krewla umgca utshatise into kunye nesixhobo sokuyilinganisa.



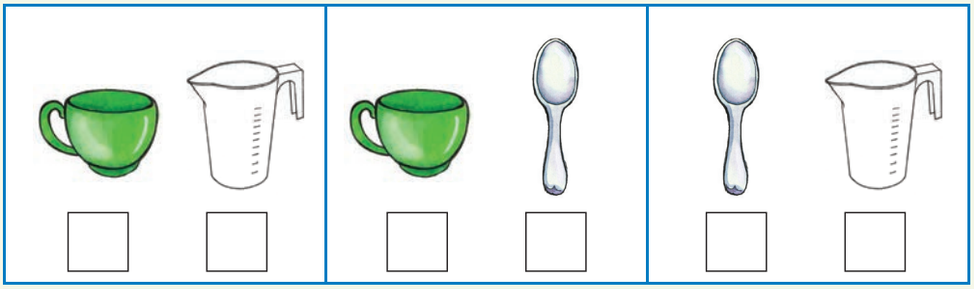


Phawula isikhongozelo esiya kuthatha umthamo omncinci.



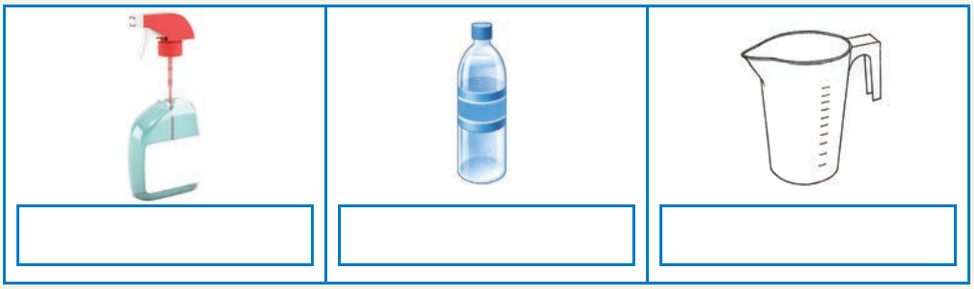


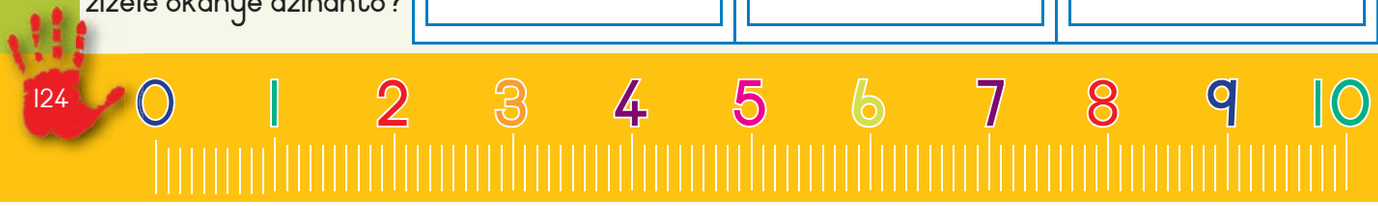
Phawula isikhongozelo esiya kuthatha umthamo omninzi.





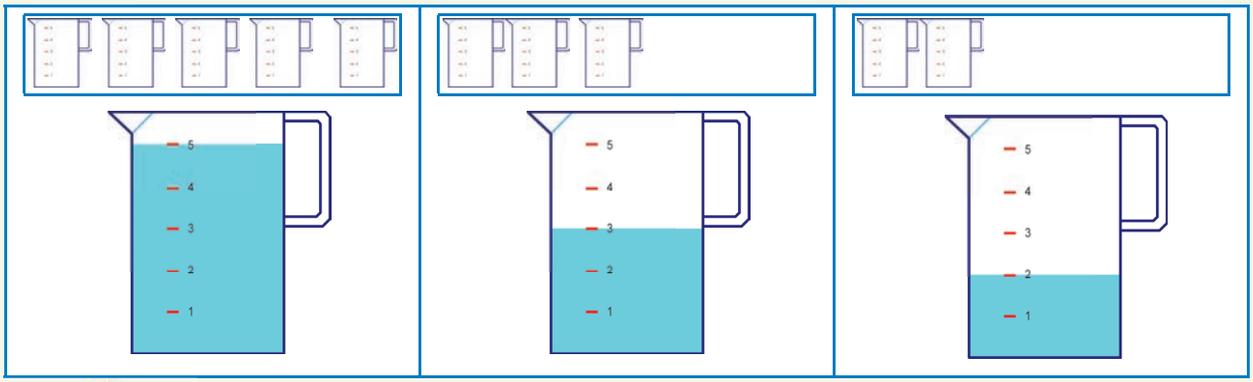
Ingaba ezi zikhongozelo zizele okanye azinanto?



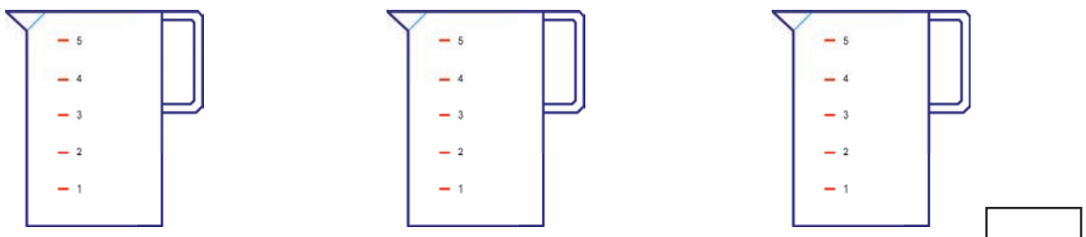




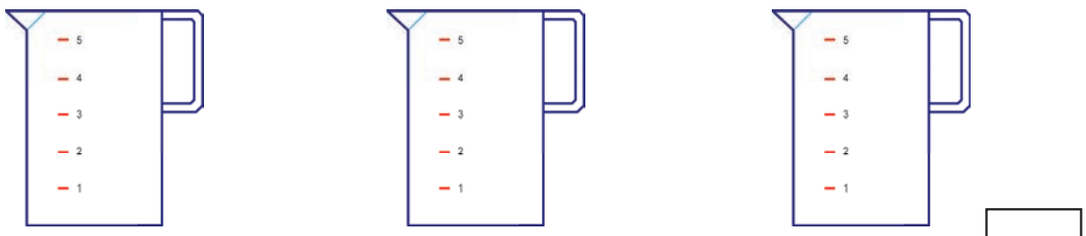
Kufuneka ndibe neekomityi ezintlanu ukuze ndizalise ijagi.
Kufuneka ndibe neekomityi ezingaphi ngaphezulu ukuze ndizalise iijagi ezimbini? Zizobe.



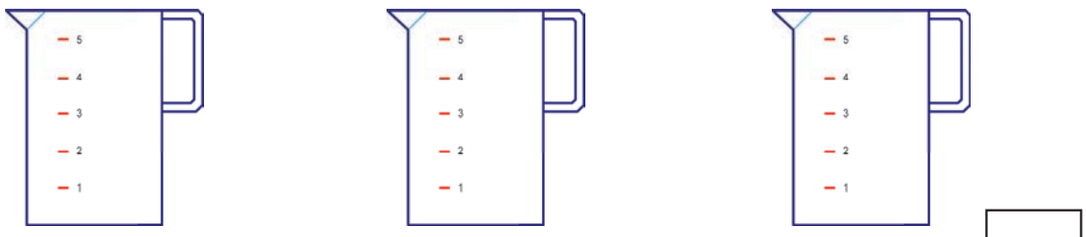
Faka umbala ubonise umthamo ochanekileyo wolwelo.



1 + 2 =



2 + 2 =



2 + 3 =

Teacher:
Sign:
Date:

Umhla:

Iipatheni zejometri



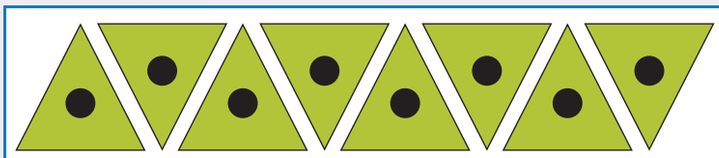
Gqibezela iipatheni.

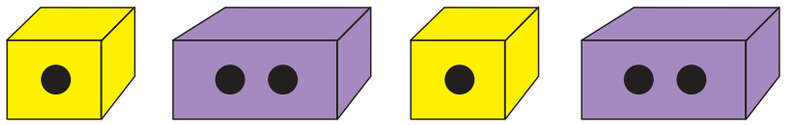
▲	▲	●	▲	▲	●						
▼	▼	■	■					▼	▼	■	■
▼	▼	●	●	▼	▼	●	●				
▲	▲			▲	▲	■	■			■	■
A	B	C	D	A	B	C	D				
A	B	B	A	B	B		B	B	A		
A	B	C	A	B	C				A	B	C
A	D	A	D	A	D			A	D		
●	●	●	●		●	●	●	●	■		

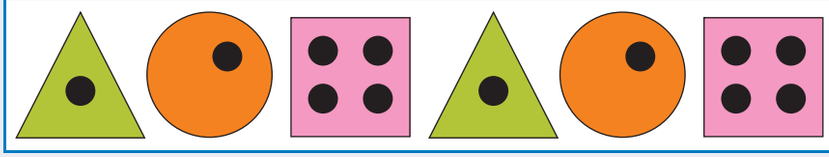
0 1 2 3 4 5 6 7 8 9 10

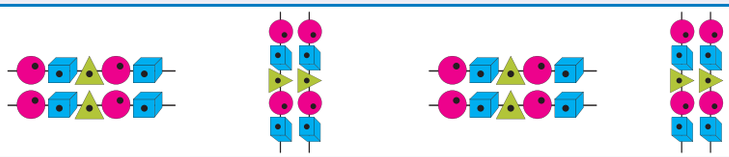


2 Yandisa iipatheni.



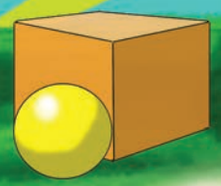


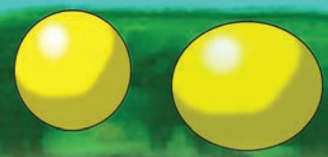


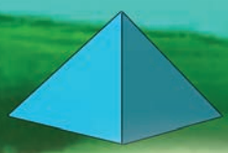


3 Zenzele ezakho iipatheni usebenzise izangqa, izikwere noonxantathu.

Teacher:
Sign:
Date:





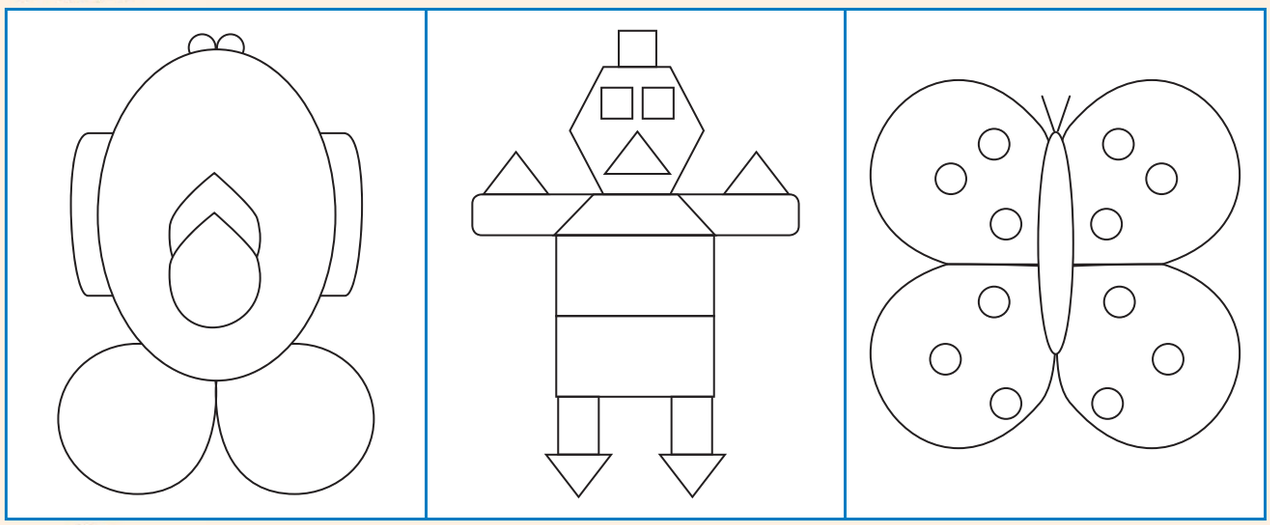


Umhla:

Umatwa-totse

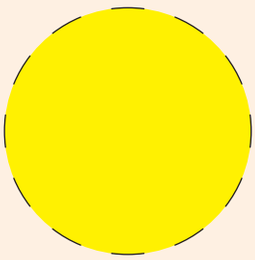


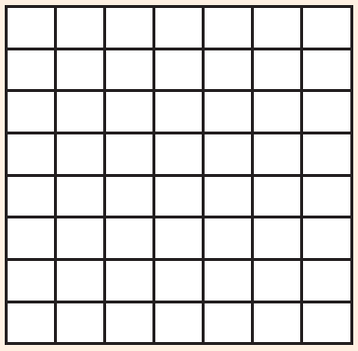
Krwela umgca kamatwa-totse owahlula umfanekiso ube ngamacala amabini alinganayo. Faka umbala kwicala elinye lomfanekiso ngamnye.



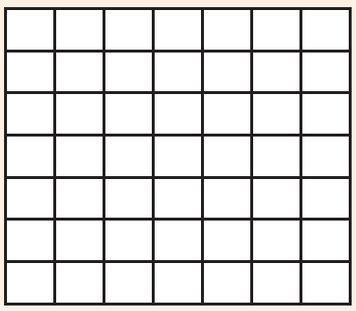


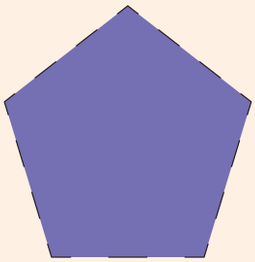
Khuphela ezi milo uze ukrwele umgca kamatwa-totse wakugqiba.

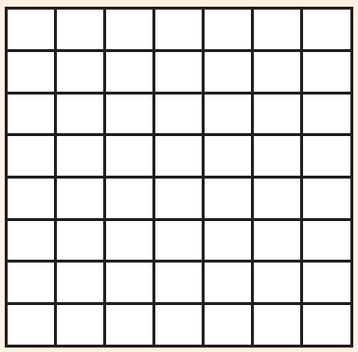


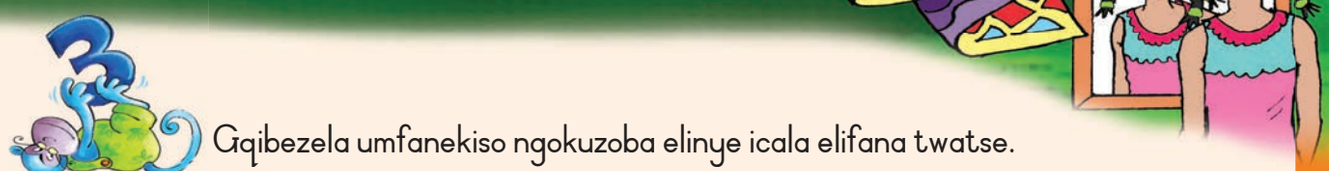




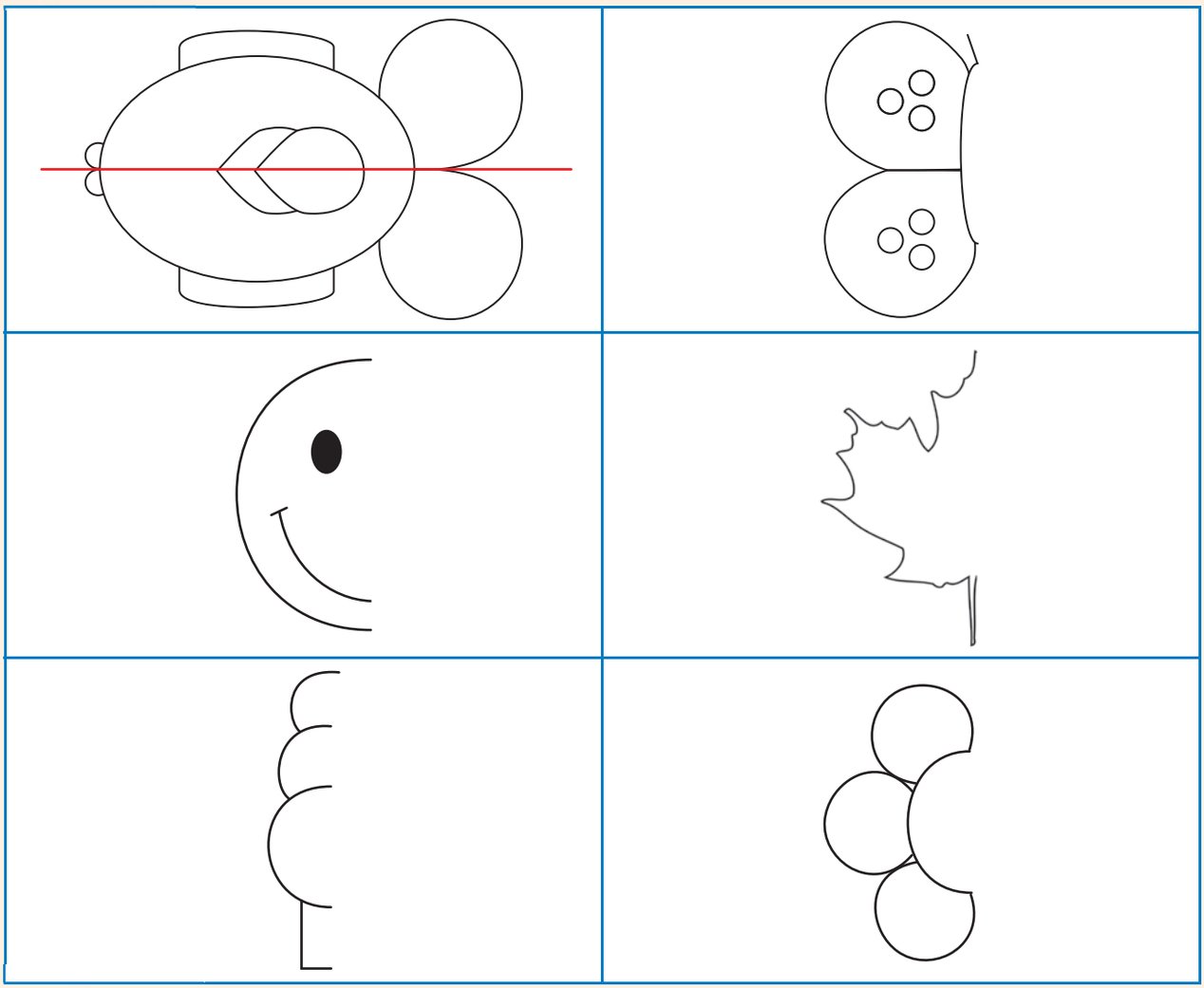




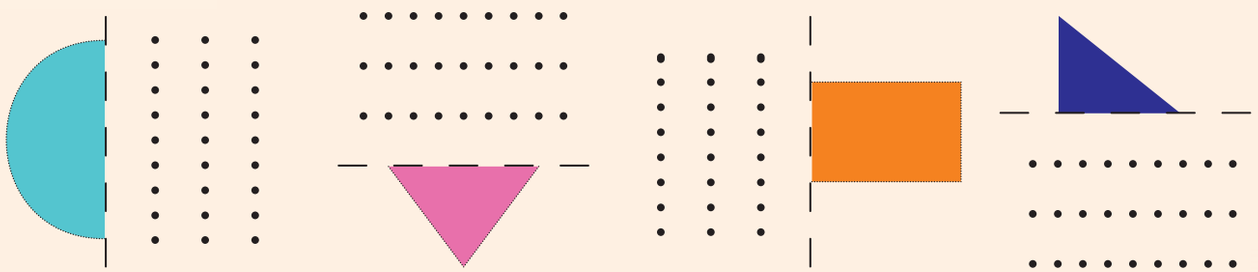




Gqibezela umfanekiso ngokuzoba elinye icala elifana twatse.



Zoba esinye isiqingatha somfanekiso.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Amanqaku



Amanqaku

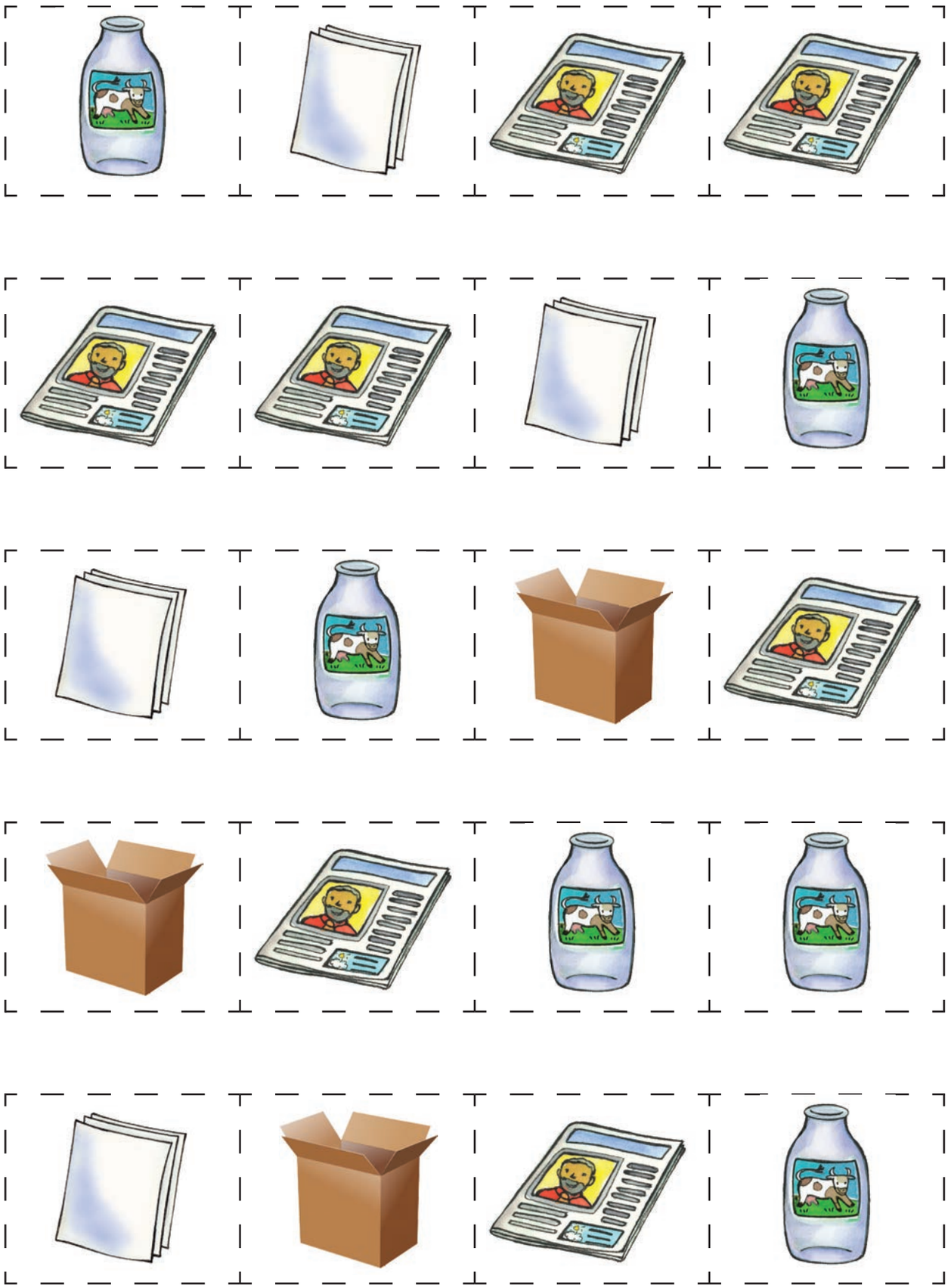


Amanqaku



Cut-out 1

Worksheet 79



Cut out cards 2

Worksheet 83

45		50		40		40		30		35

Worksheet 84

70		65		75		80		70		60

Worksheet 93

34		46		40		44		36		50		32

42		48		38

62		74		66		68		64		76		80		72		78

Worksheet 115

72		78		82		84		86		74		80

76		88		90

Worksheet 119

62		72		64		74		86		66		78		80		68

82		94		86		90		84		96		100

92		98		88