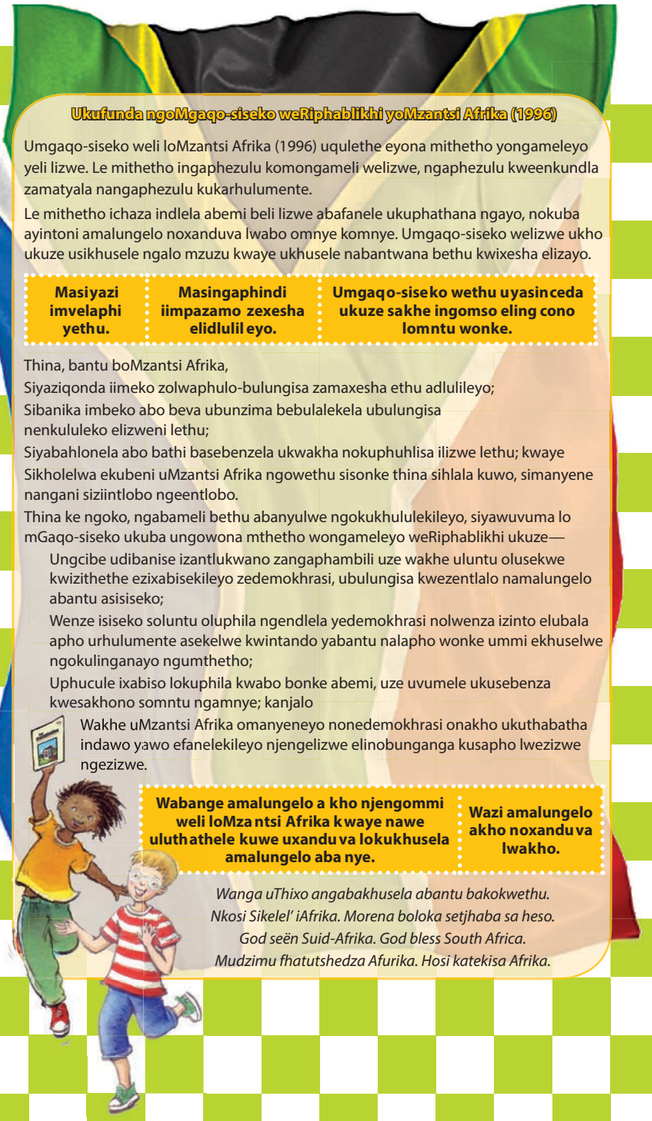


Ukufunda ngoMgaqo-siseko weRiphablikhi yoMzantsi Afrika (1996)

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 eling cono 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 a kho njengommi weli loMza ntsi Afrika k waye nawe uluth athele kuwe uxandu va lokukhusela amalungelo aba nye.	**Wazi amalungelo akho noxandu va 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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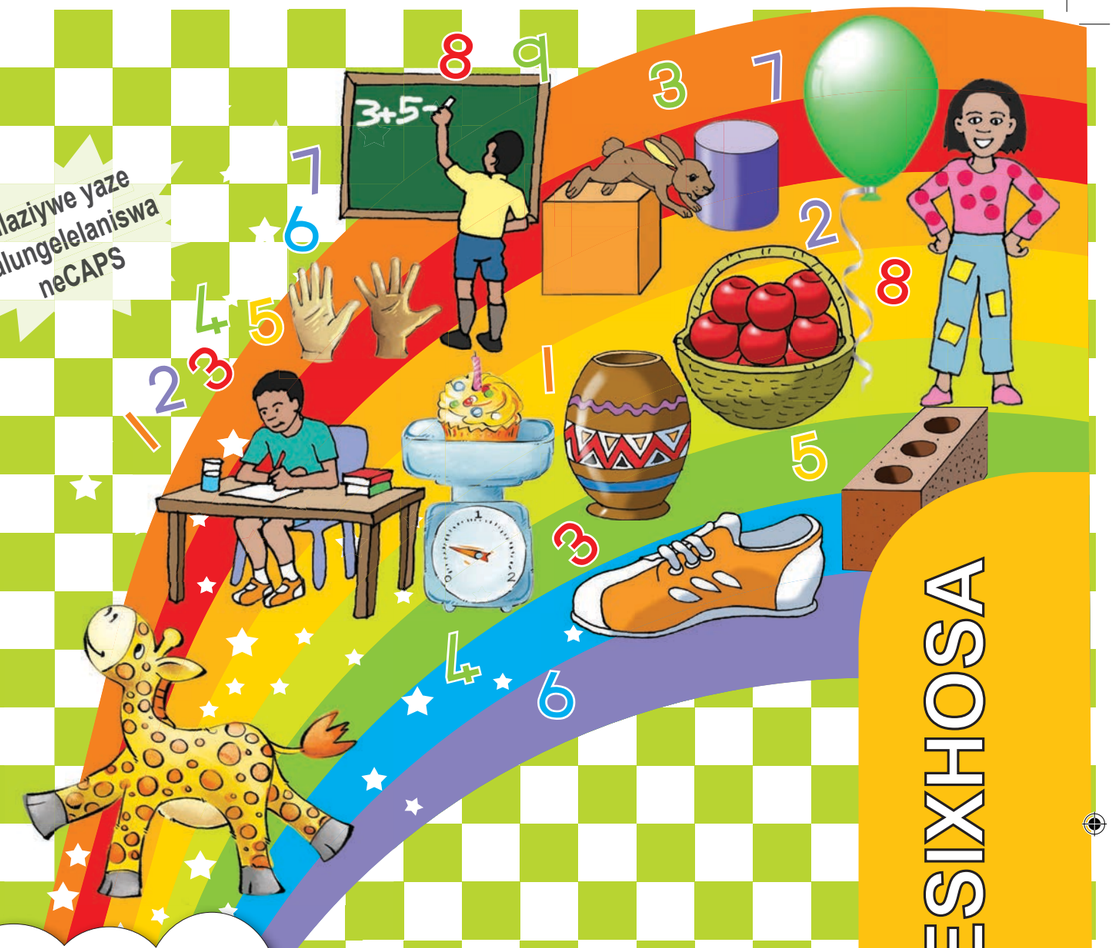
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UNksk. Angie Motshekga, uMphathiswa wemfundo esisiSeko



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.

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

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Eighth edition 2018

ISBN 978-1-920458-95-9

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Ibanga lesi-2

Rainbow WORKBOOKS

Imathematika

NGESIXHOSA

Le ncwadi yeka-:



ISIXHOSA

Incwadi yoku-1

1

Umhla:

Mna nosapho lwasekhaya



Bhala iimpendulo zale mibuzo imalunga nawe nosapho lwakowenu.

Igama lam ndingu _____.

Ndineminyaka e _____ ubudala.

Bendineminyaka e _____ kwiminyaka emibini edlulileyo.

Ndiza kuba neminyaka e _____ kunyaka ozayo.

Ndihlala e _____.

Ngubani oyena mdala kowenu? _____

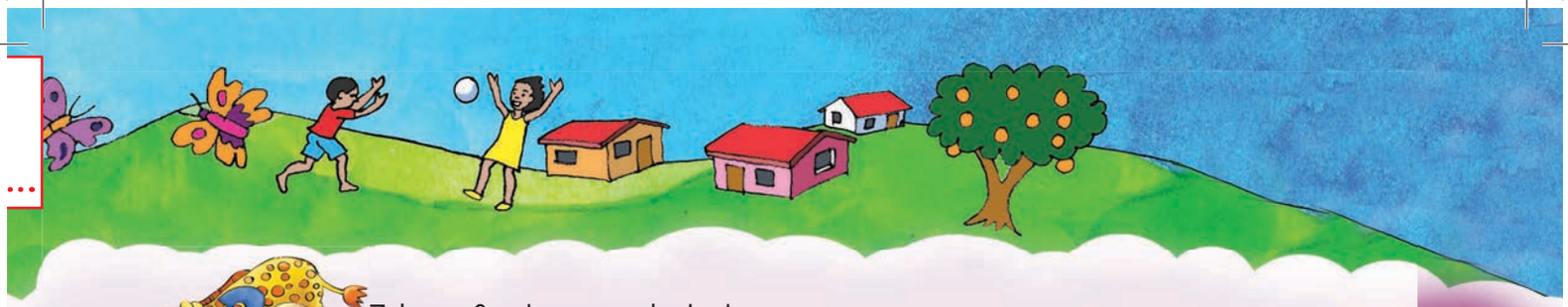
Bhala iminyaka yakhe _____.

Ngubani oyena mncinane kowenu? _____

Bhala iminyaka yakhe. _____

Umhla wanamhlanje _____.

1 2 3 4 5 6 7 8 9 10





Zoba umfanekiso wosapho lwakowenu.

1 2 3 4 5 6 7 8 9

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

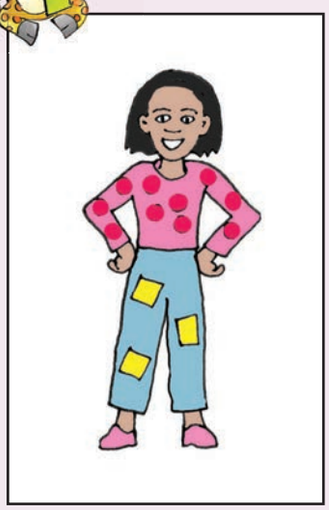
2

Umhla:

Ukubala



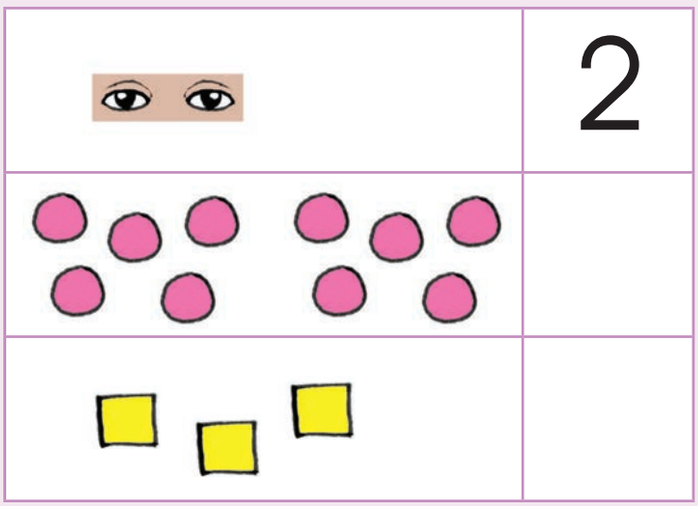
Zalisa izikhewu.

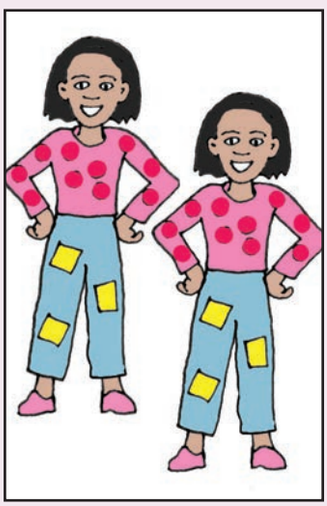


amehlo

amachokoza

iipetshi





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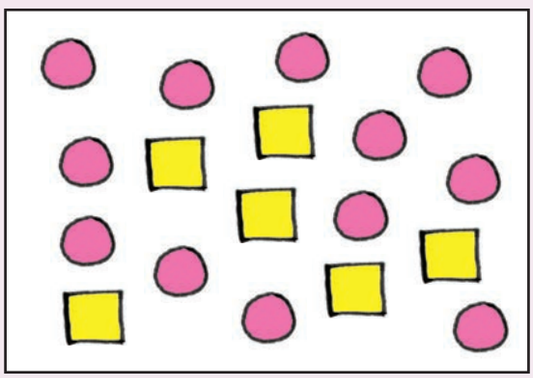
amehlo

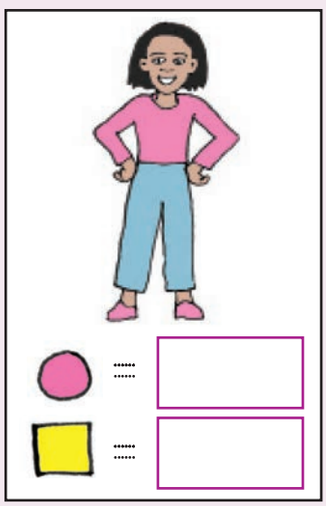
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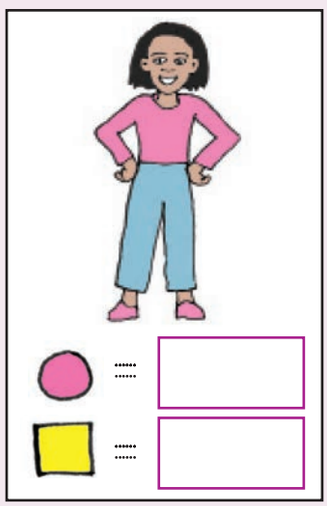
iipetshi



Yahlula amachokoza neepetshi ngokulinganayo.







Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

3

Umhla:

.....

Amanani

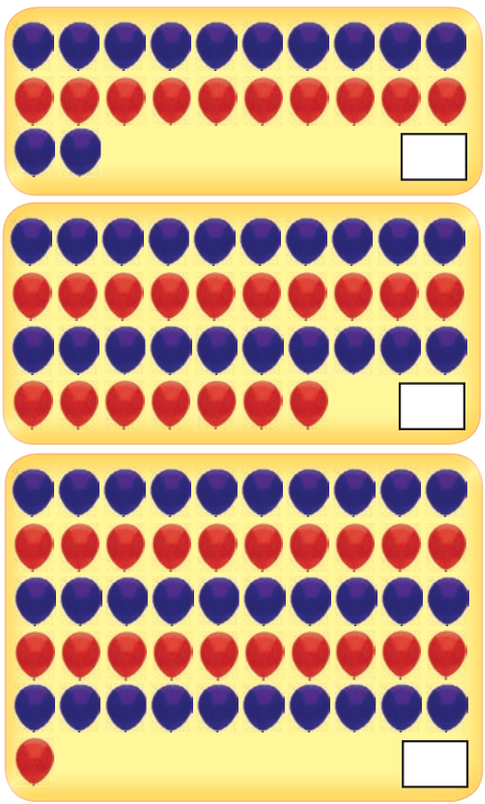


Funda amanani namagama amanani asebhodini.

1	73	59	Zilithoba	Ishumi elinanye
66	35		Ishumi elinesine	
				Zintandathu
42	97	Zine	Ishumi elinesixhenxe	
24	32	Ishumi elinethoba		Ishumi



Bhala inani lamaso aphakathi kwibloko nganye.



1 2 3 4 5 6 7 8 9 10



Bhala la manani alandelayo ngamagama.

6		12	
4		17	
8		14	
1		22	
2		18	
5		11	
0		20	
10		15	
3		13	
9		16	

37 38 39 40 41 42 43 44

89 90 91 92 93 94 95 96

Teacher:

Sign:

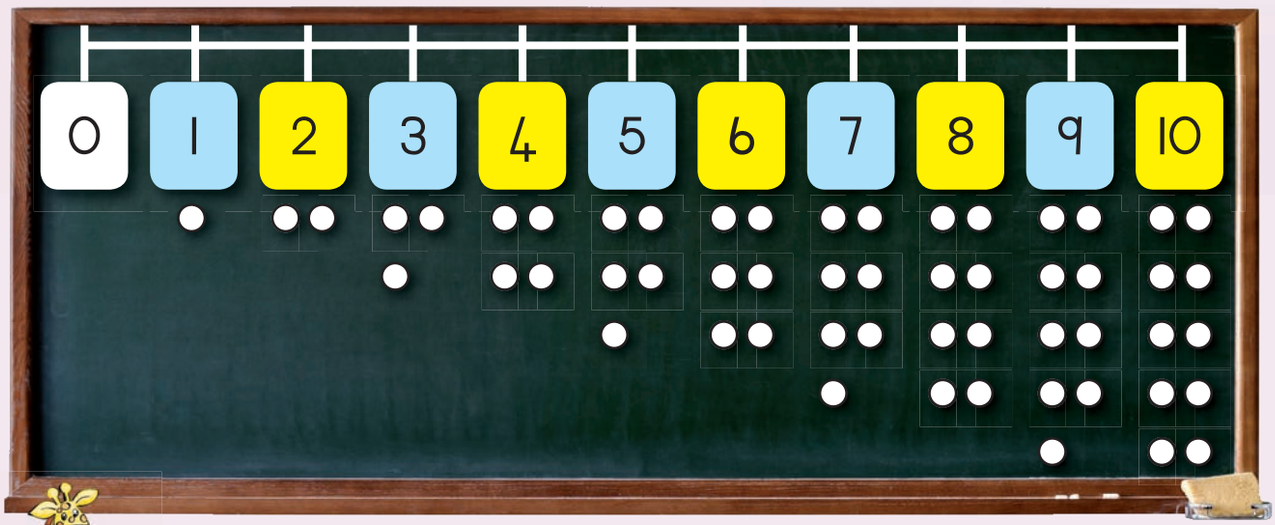
Date:

11 12 13 14 15 16 17 18 19 20

4

Umhla:

Amanye amanani





Biyela amanani angoonombini ngo-△ uze ubiyele amanani ayiminqakathi nge-○.

unombini

iminqakathi

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



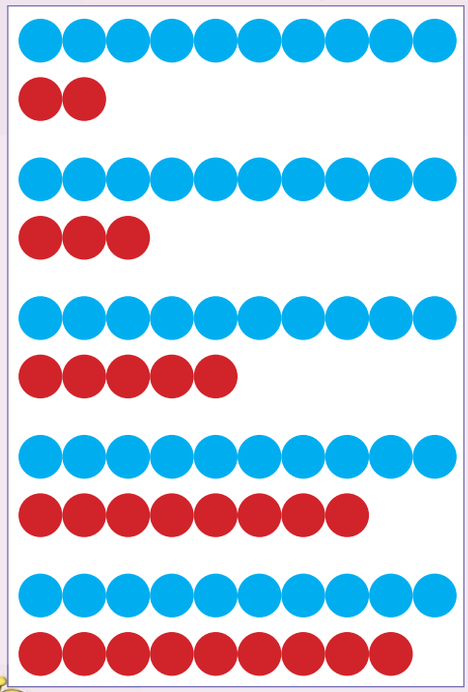
Fakela inombolo kwezi zindlu.



1 2 3 4 5 6 7 8 9 10



Bala le mibala mibini yamaso.



Bhala impendulo elinani:

10 2 = 12

10 3 = ☐

10 5 = ☐

10 8 = ☐

10 9 = ☐

Singayibhala ngolu hlobo:

10 + 2 = 12

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ + ☐ = ☐

Ithini impendulo?

10 + 1 = ☐	10 + 9 = ☐	10 + 6 = ☐
10 + 8 = ☐	10 + 2 = ☐	10 + 3 = ☐
10 + 5 = ☐	10 + 4 = ☐	10 + 7 = ☐

1 3 5 7 9 11 13 15 17 19

2 4 6 8 10 12 14 16 18 20

Teacher:

Sign:

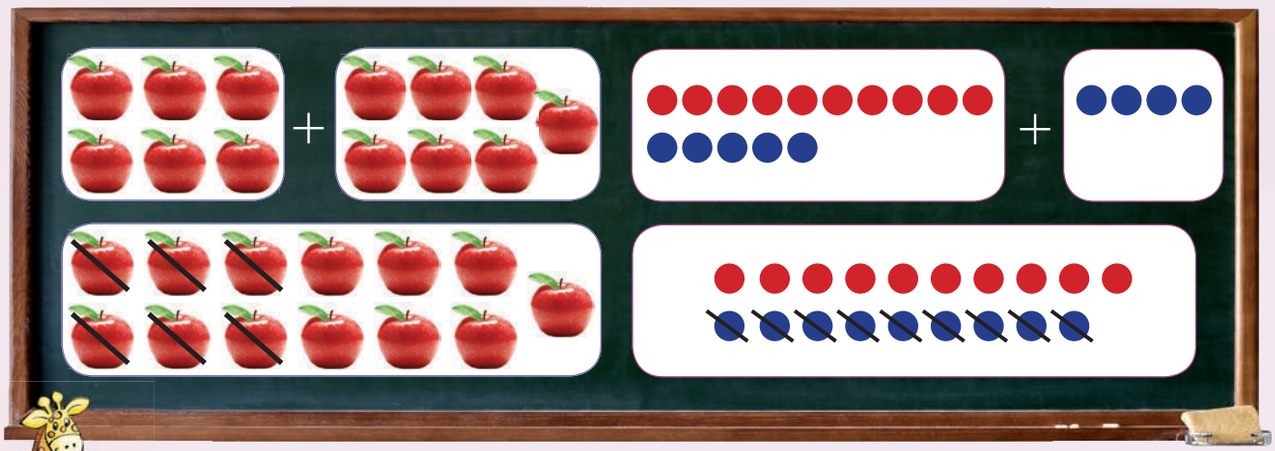
Date:

11 12 13 14 15 16 17 18 19 20

5

Umhla:

Ukudibanisa nokuthabatha

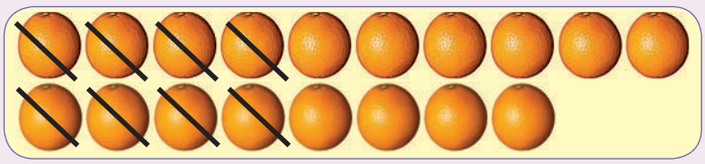




Dibanisa uthabathe.



9 + 8 = 17



18 – 8 = ☐



☐ + ☐ = ☐



☐ + ☐ = ☐



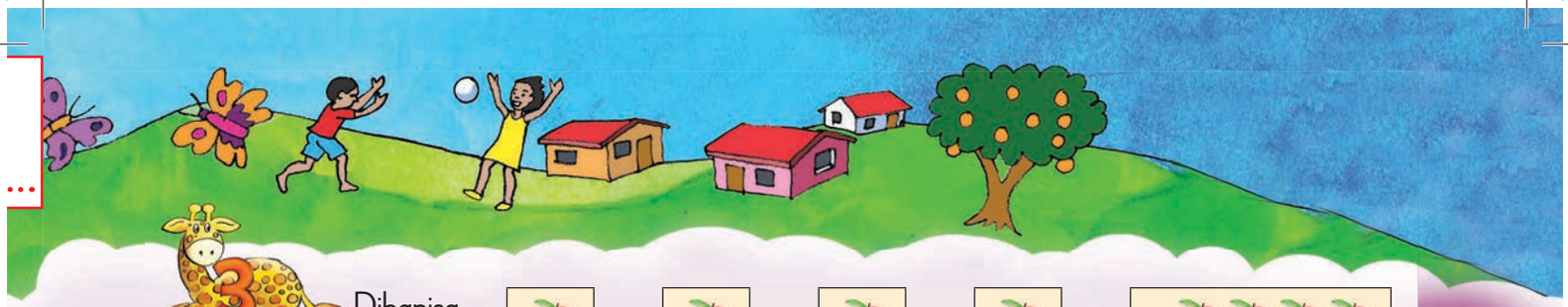
☐ + ☐ = ☐



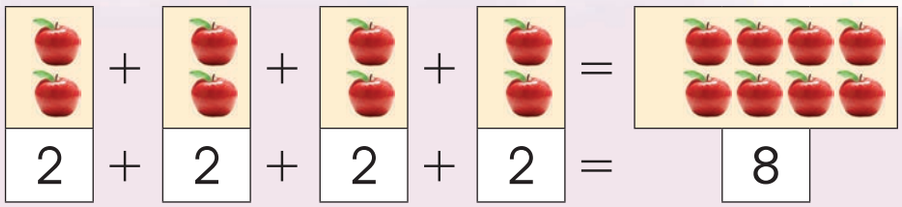
Bala.

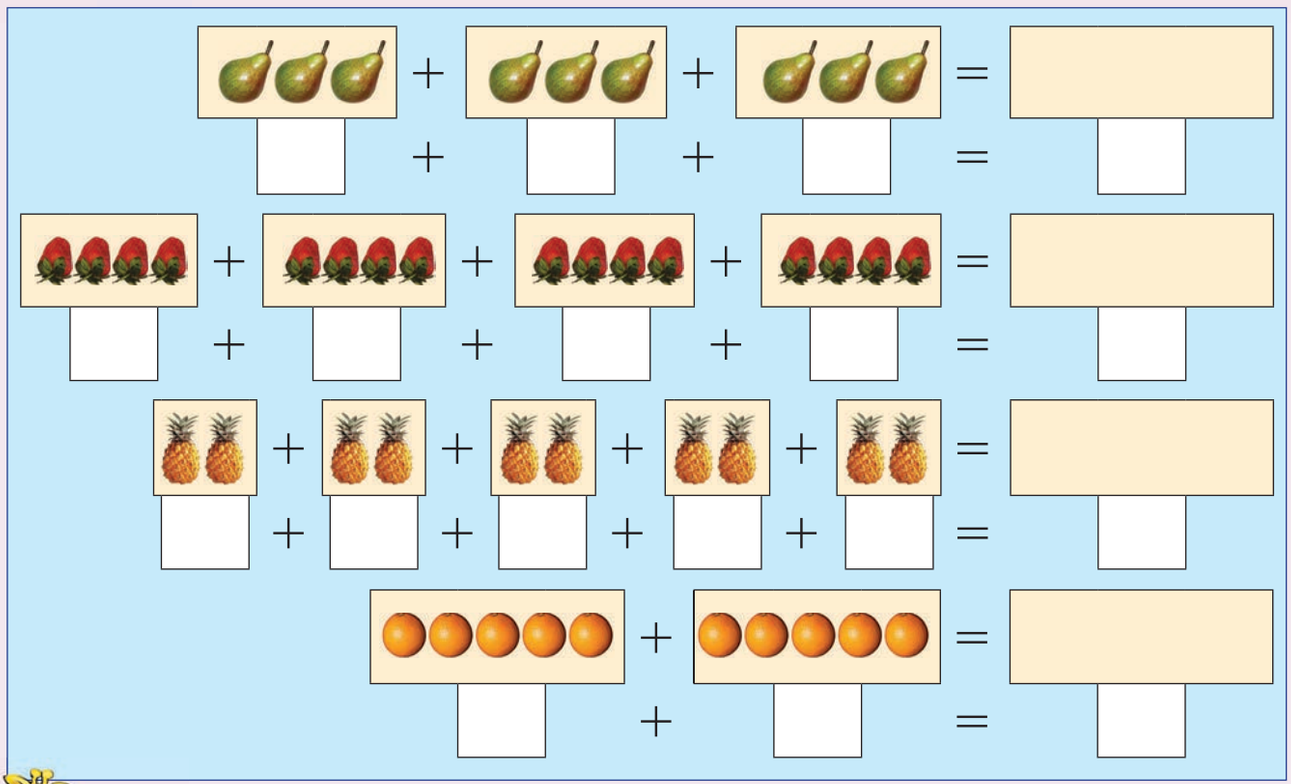
6 + 5 = ☐	8 + 9 = ☐	11 + 3 = ☐	12 – 5 = ☐
8 + 7 = ☐	3 + 8 = ☐	9 – 5 = ☐	16 – 9 = ☐
6 + 4 = ☐	8 + 4 = ☐	8 – 4 = ☐	6 – 4 = ☐

1 2 3 4 5 6 7 8 9 10



Dibanisa.





Bala.

2 + 2 + 2 = ☐	1 + 1 + 1 + 1 + 1 + 1 = ☐	2 + 2 + 2 + 2 = ☐
4 + 4 = ☐	3 + 3 + 3 + 3 = ☐	4 + 4 + 4 + 4 = ☐
5 + 5 + 5 = ☐	5 + 5 = ☐	1 + 1 + 1 = ☐

2 + 2 + 2 + 2 + 2 + 2

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

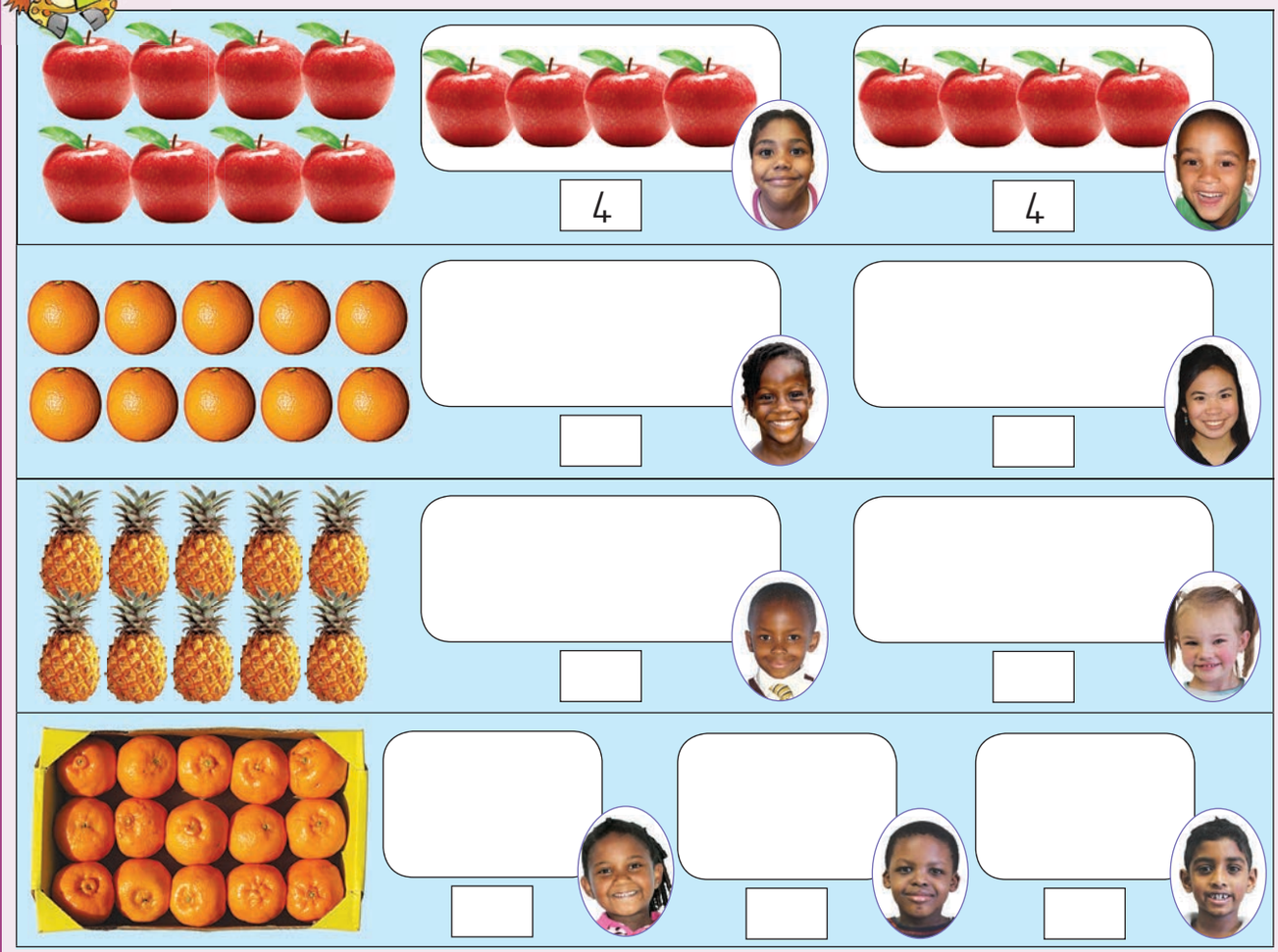
6

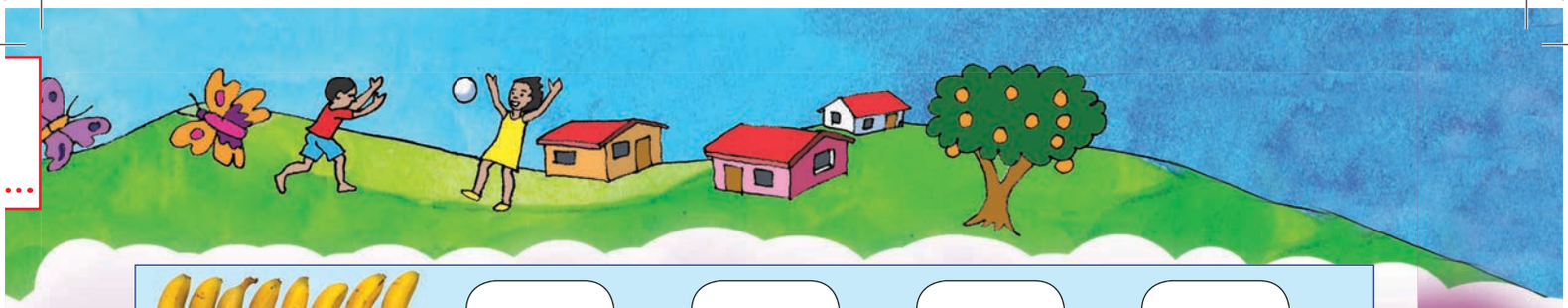
Umhla: .....

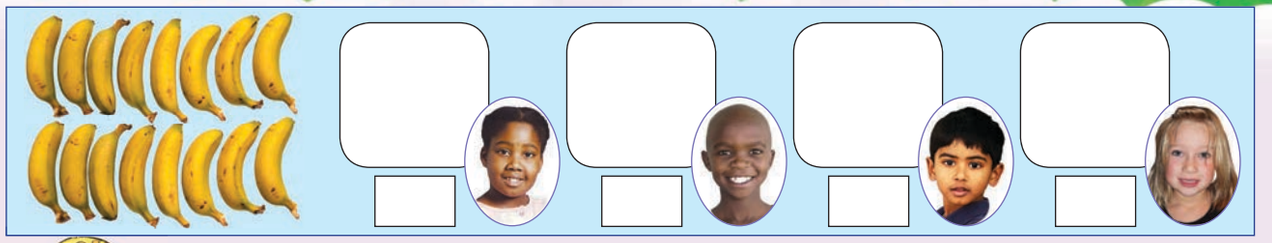
Ukwahlula nemali



Yaba iziqhamo ezingezantsi ngokulinganayo.









Gqibezela.



iisenti ezi-5

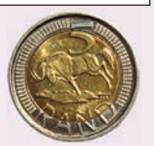


















Faka umbala kwimali eziinkozo nakwengamaphepha ukuze zithi xa zidibene zenze isixa esifana neso semali ekumfanekiso wokuqala kumqolo ngamnye.



= 10c 10c 5c 2c 1c 2c



= 5c 2c 2c 1c 2c 2c



= R2 R2 R1 R1 R1



= R5 R2 R1 R5 R1 R2



= R2 R2 R5 R5 R2 R1 R5



R1 1c R5 5c R10

Teacher:

Sign:

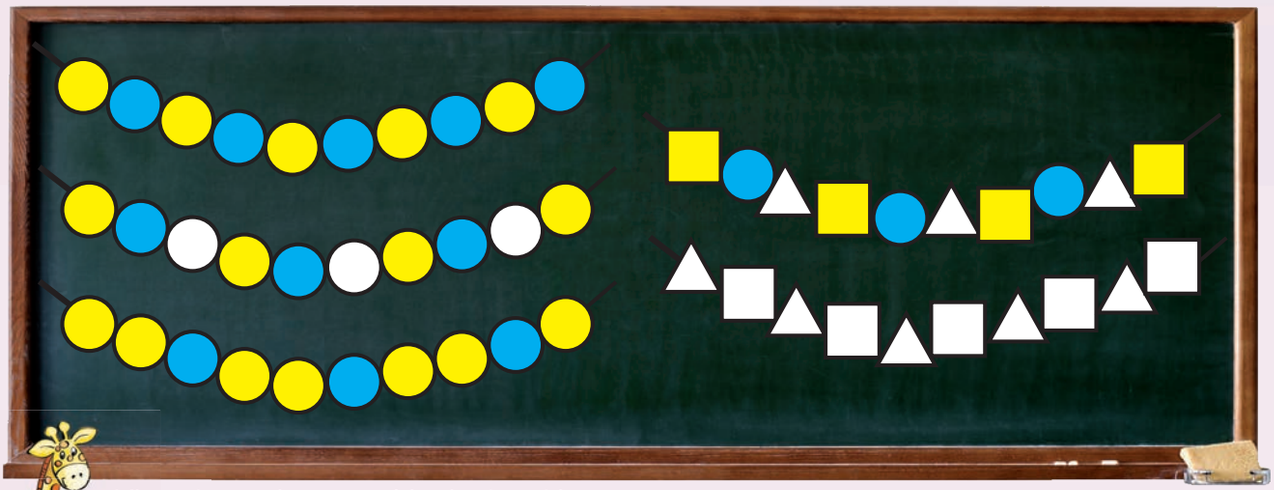
Date:

11 12 13 14 15 16 17 18 19 20

7

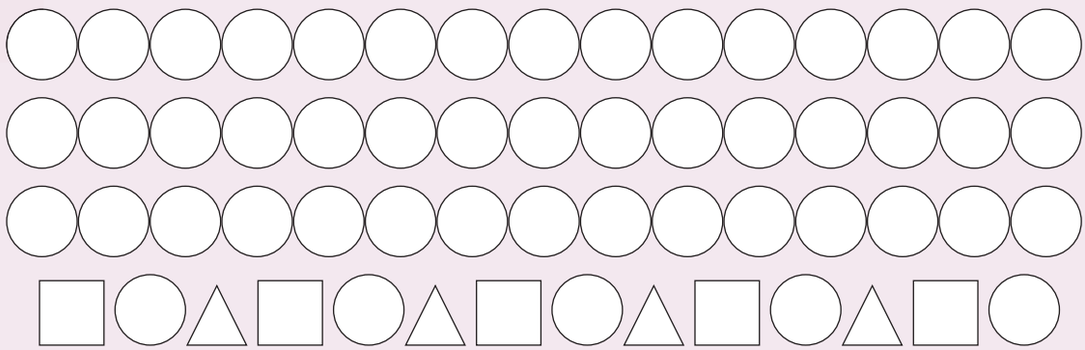
Umhla:

Iipatheni



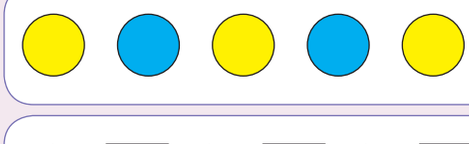


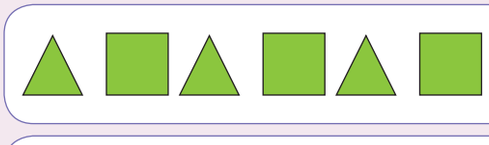
Khupela iipatheni ezisebhodini kwizikhewu ezingasezantsi.

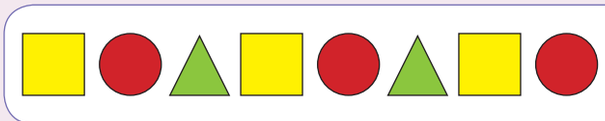




Yandisa ipatheni.





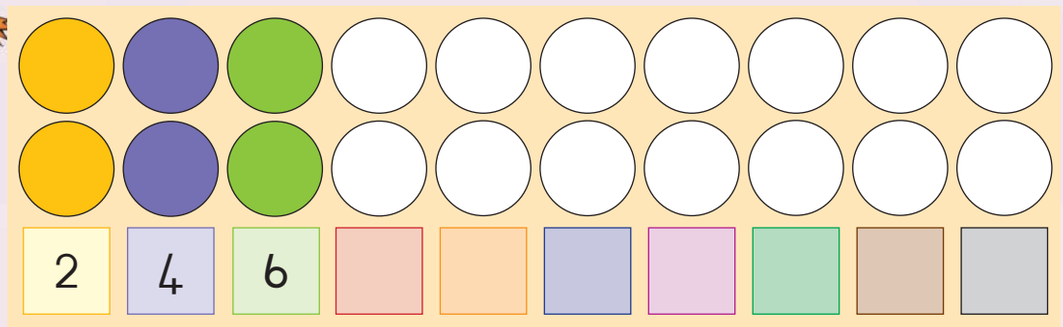


1 2 3 4 5 6 7 8 9 10



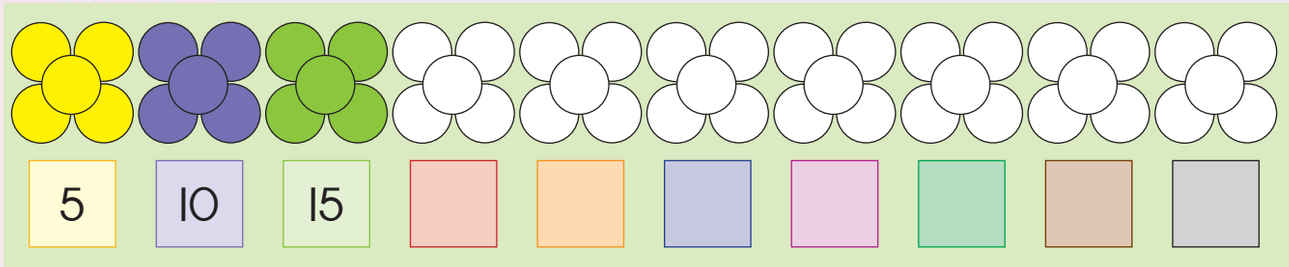
Fakela imibala kula maso ubale ngezibini.





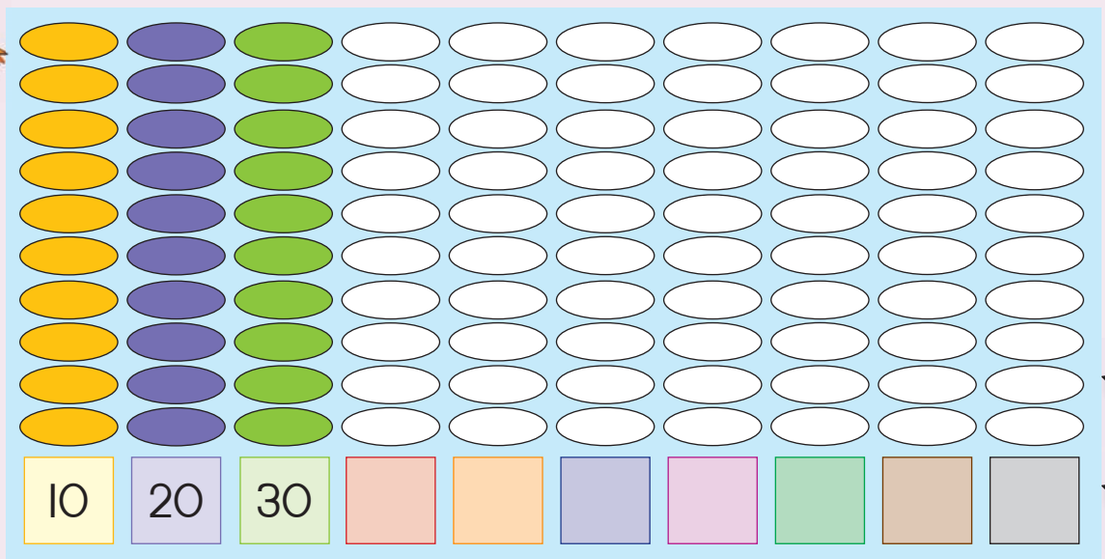


Fakela imibala kwiintyatyambo ubale ngezihlanu.

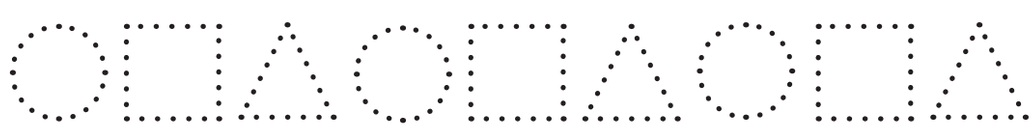




Fakela imibala kula maso ubale ngamashumi.









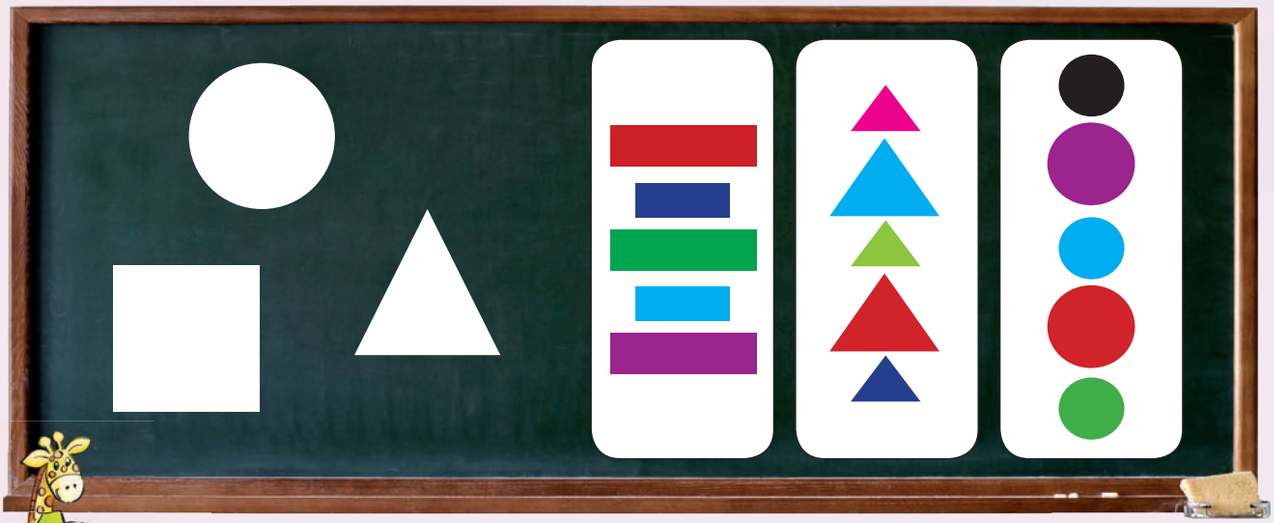
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8

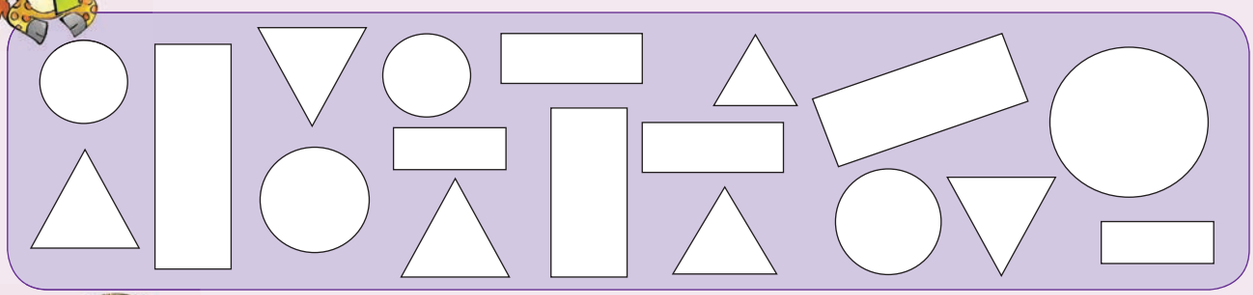
Umhla:

Iimilo



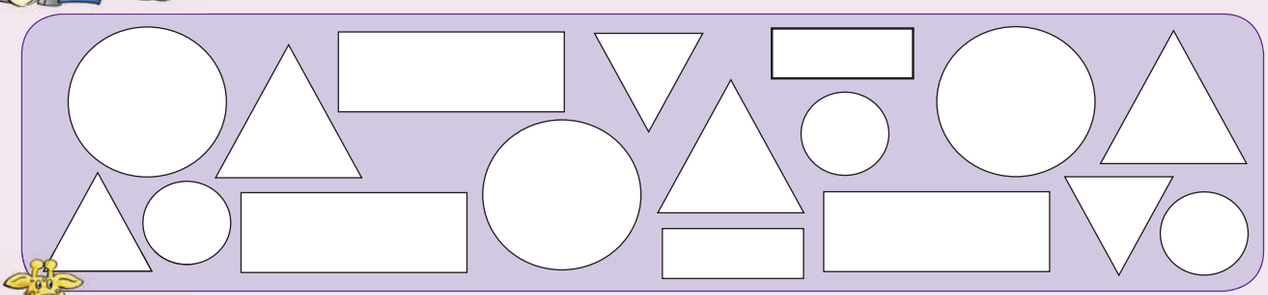


Faka umbala ozuba kwirekthengile, obomvu kwizangqa, omthubi koonxantathu.



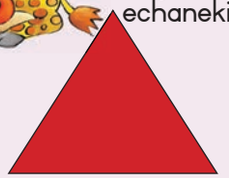


Faka umbala obomvu kuzo zonke izangqa ezikhulu, ozuba kwiirekthengile, omthubi koonxantathu abancinci.





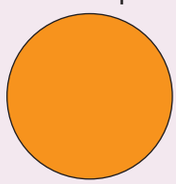
Ingaba ezi milo zinamacala athe tye okanye angqukuva. Faka umbala kwimpendulo echanekileyo.



athe tye | angqukuva



athe tye | angqukuva



athe tye | angqukuva

1 2 3 4 5 6 7 8 9 10



Zoba elinye icala lebhabhathane.



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11 12 13 14 15 16 17 18 19 20

9

Umhla: .....

Iibhola neebhokisi





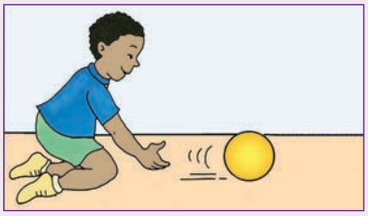
1 Biyela iibhokisi ngesangqa esizuba uze ubiyele iibhola ngesibomvu.



2 Faka umbala kwimpendulo echanekileyo.



Ibhokisi | iyatyibilika | iyaqengqeleka



Ibhola | iyatyibilika | iyaqengqeleka

1 2 3 4 5 6 7 8 9 10



Faka umbala kwimpendulo echanekileyo.



isiphelo esigobileyo

isiphelo esithe tye



isiphelo esigobileyo

isiphelo esithe tye



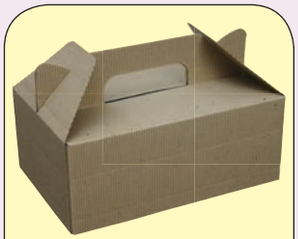
isiphelo esigobileyo

isiphelo esithe tye



isiphelo esigobileyo

isiphelo esithe tye



isiphelo esigobileyo

isiphelo esithe tye



isiphelo esigobileyo

isiphelo esithe tye



isiphelo esigobileyo

isiphelo esithe tye



isiphelo esigobileyo

isiphelo esithe tye

Yitsho ukuba ingaba ibhola ingemva, ingaphambili, isecaleni, okanye iphezu kwebhokisi na.



ingasemva | ingaphambili

isecaleni | ingaphezulu



ingasemva | ingaphambili

isecaleni | ingaphezulu



ingasemva | ingaphambili

isecaleni | ingaphezulu



ingasemva | ingaphambili

isecaleni | ingaphezulu



ibhola ibhokisi

Teacher:

Sign:

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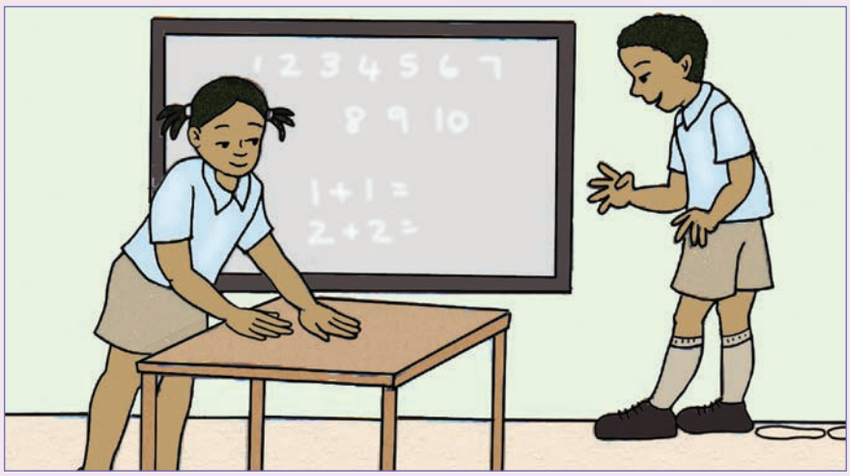
10

Umhla:

.....

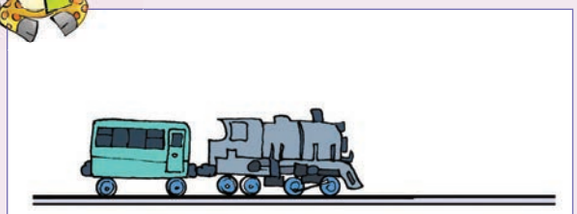
Ubude

Benza ntoni?



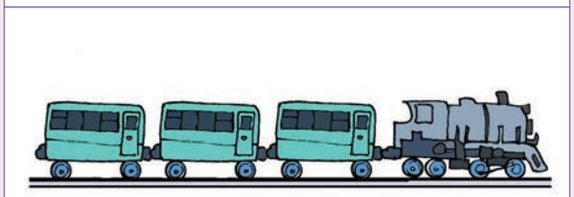


Yeyiphi itreyini emfutshane okanye ende?





imfutshane | inde



imfutshane | inde

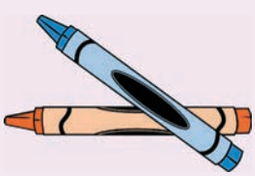


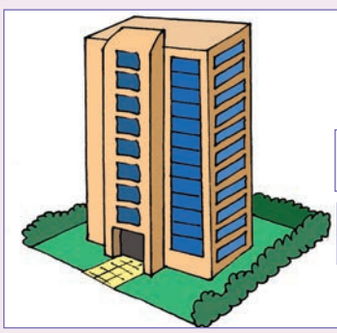
Sesiphi isakhiwo eside okanye esifutshane?



side

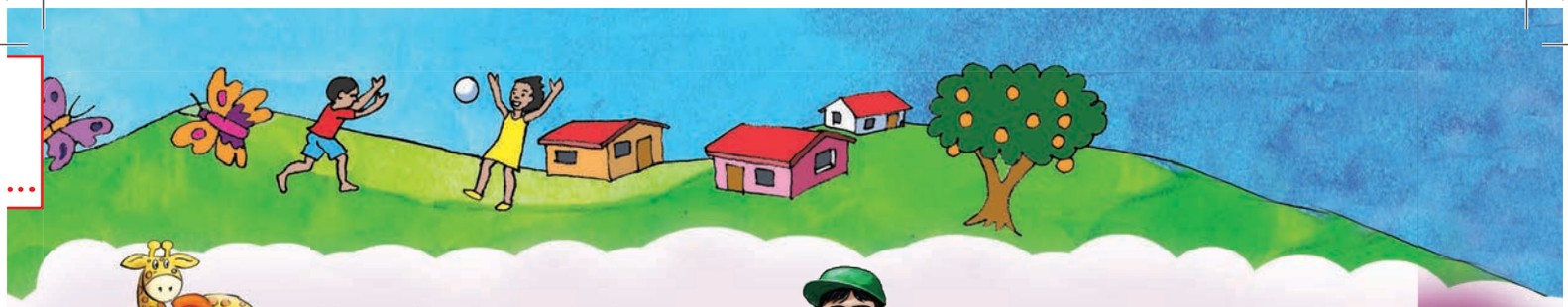
sifutshane





side

sifutshane

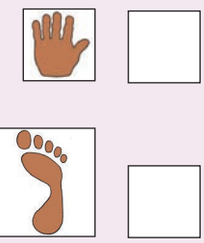


Ngowuphi umntu omfutshane okanye omde?

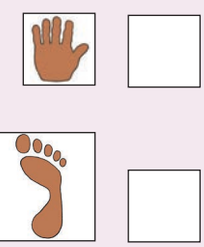


mfutshane	mfutshane
mde	mde

Sebenzisa umsiko I wesandla. Zizandla ezingaphi ubude bale rekthengile?
Sebenzisa umsiko I wonyawo. Ziinyawo ezingaphi ubude bale rekthengile?



Ngoku linganisa ukuphakama kwerekthengile ngezandla nangeenyawo.





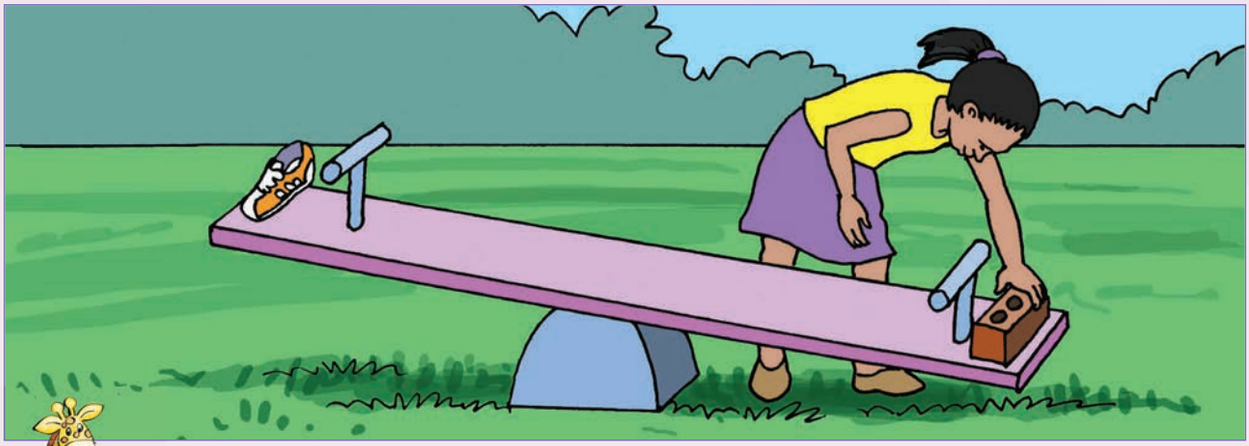
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Umhla:

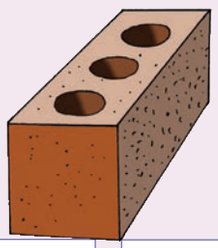
Ubunzima





Xela ukuba ingaba into inzima okanye ikhaphu-khaphu na kunenye.

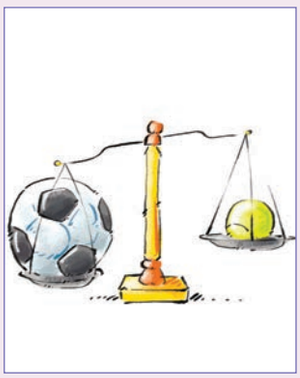




inzima	ikhaphu-khaphu	inzima	ikhaphu-khaphu



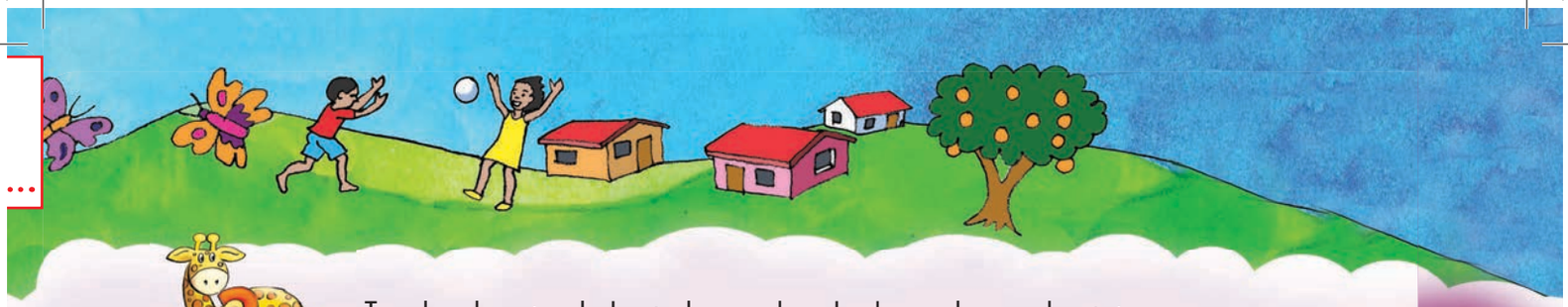
Zoba isangqa kweyona nto inzima.



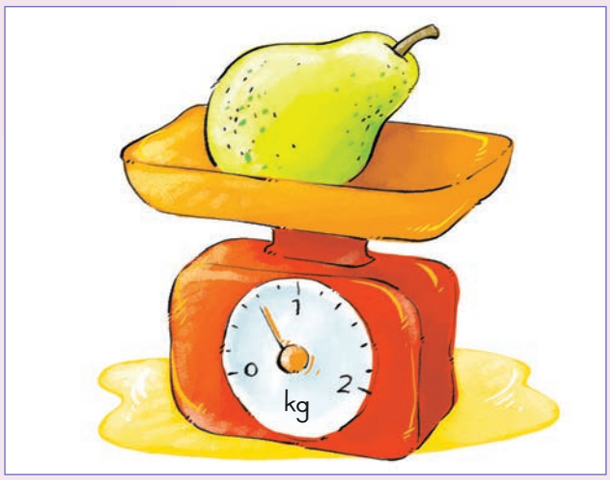








Ingaba ubunzima bale nto bungaphezulu okanye bungaphantsi kwekhilogram enye na?



inzima | ikhaphu-khaphu



inzima | ikhaphu-khaphu



inzima | ikhaphu-khaphu



inzima | ikhaphu-khaphu



enzima

nekhaphu-khaphu

Teacher:

Sign:

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12

Umthla:

Umthamo

Xoxani ngomfanekiso.





Faka umbala kwimpendulo echanekileyo.



izele	ayinanto	isiqingatha



izele	ayinanto	isiqingatha



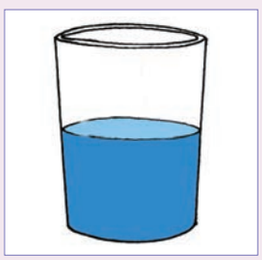
izele	ayinanto	isiqingatha



izele	ayinanto	isiqingatha



izele	ayinanto	isiqingatha



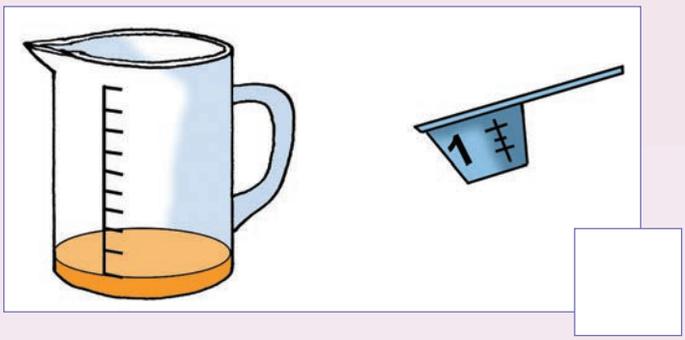
izele	ayinanto	isiqingatha

1 2 3 4 5 6 7 8 9 10



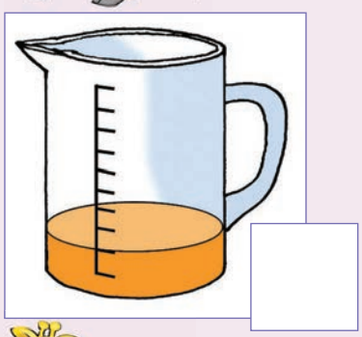


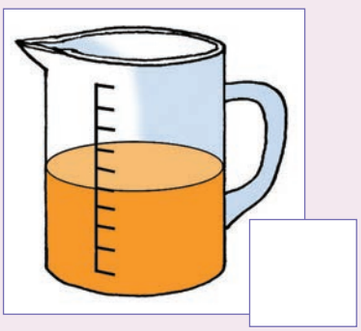
Umlinganiselo omnye ufikelela kumgca wokuqala kule jagi.
Ingaba yimilinganiselo emingaphi enokuzalisa le jagi?

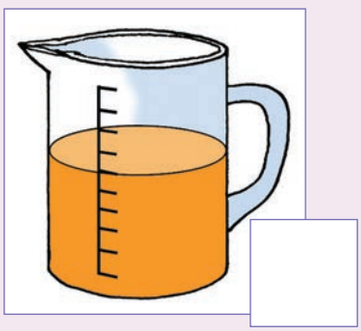




Mingaphi imilinganiselo egalelwe kule jagi?



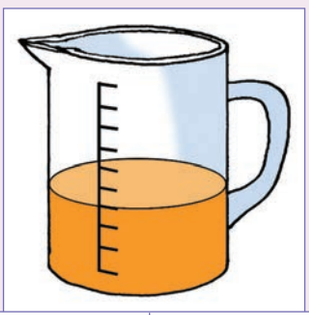






Ijagi engasekhohlo ithatha ijusi engangelitha enye. Yeyiphi ijagi enejusi elinganayo iyeyiphi enejusi encinci kunaleyo ikwijagi engasekhohlo.





iyafana	ingaphantsi



iyafana	ingaphantsi



izele ayinanto

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Date:

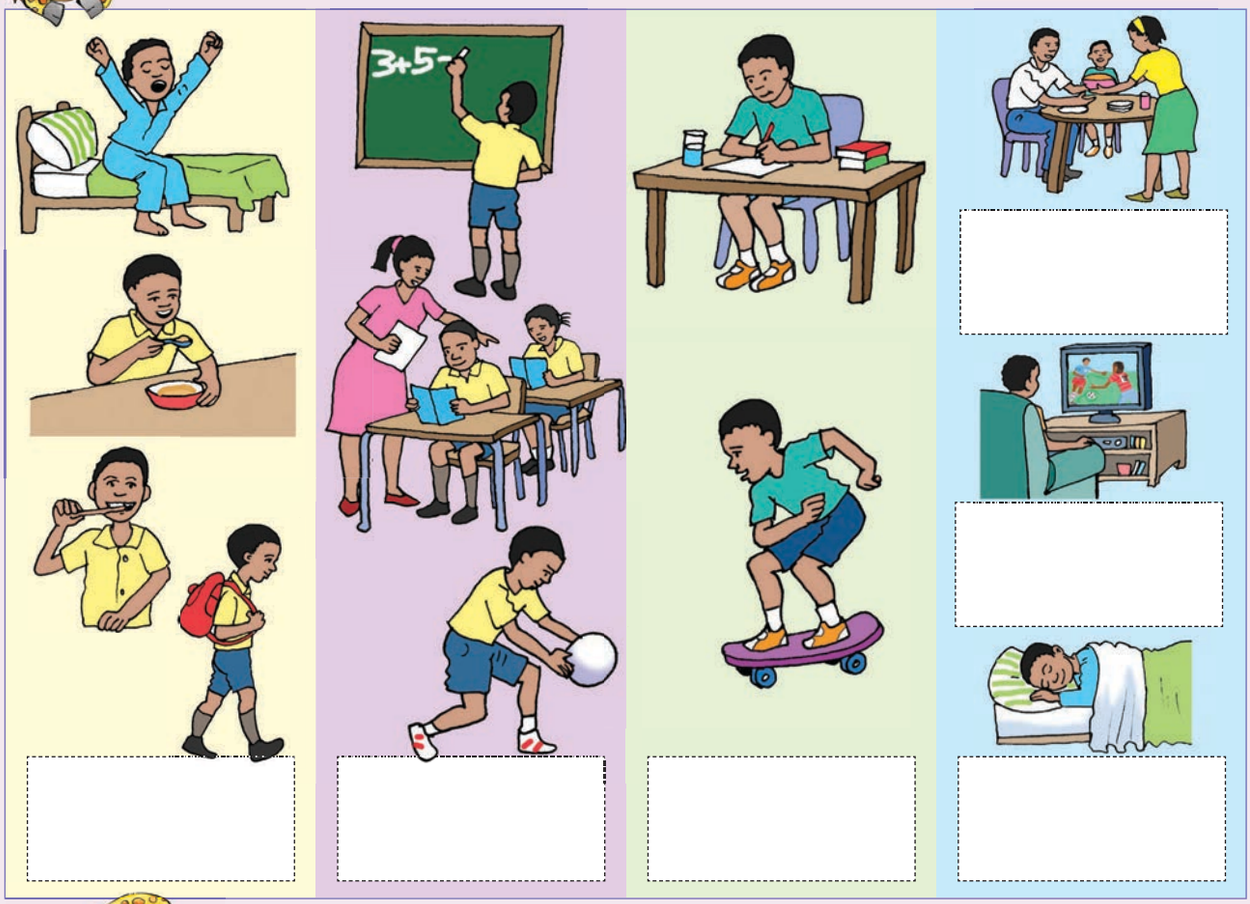
11 12 13 14 15 16 17 18 19 20

13

Umhla: .....

Ixesha

1 Yiya kwumsiko I. Sika amagama uze uwancamathelise phantsi kwemifanekiso ukuze ubonise ixesha.



2 Gqibezela ezi zivakalisi.

Ndi _____ kwangentseni.

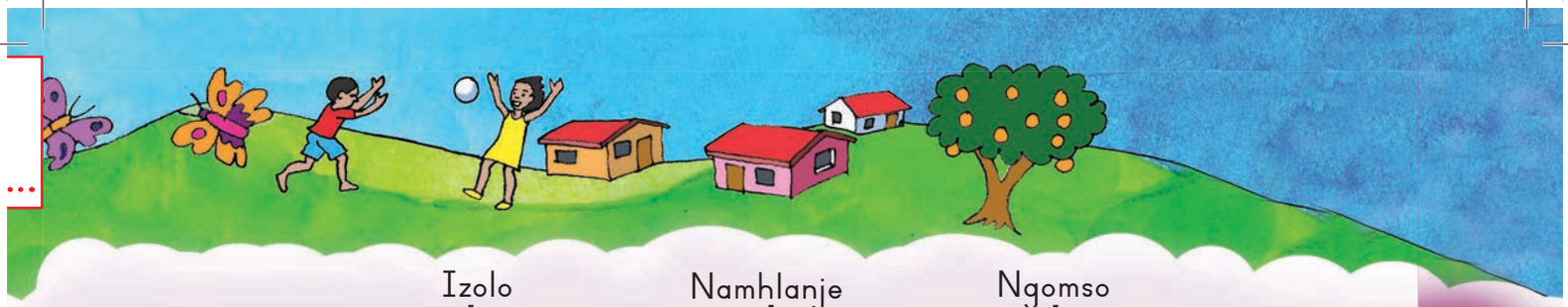
Ndi _____ ekuseni.

Ndi _____ emva kwemini

Ndi _____ yonke imihla.

Ndi _____ ebusuku yonke imihla.

1 2 3 4 5 6 7 8 9 10



Izolo | Namhlanje | Ngomso









Phendula le mibuzo.

Wenza ntoni umntwana namhlanje? _____

Ebesenza ntoni umntwana izolo? _____

Uza kwenza ntoni ngomso umntwana? _____



Zoba umfanekiso wakho.

Izolo	Namhlanje	Ngomso



Izolo

Izolo



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Date:

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14

Umhla: .....

Ikhalenda yomhla wokuzalwa



1 Khuphela iinyanga.

EyoMqungu
Sipho
Maryke
Annie

EyoMdumba
Jeffrey
Simon

EyoKwindla
Sam
Juan

EkaTshazimpuzi
Betty
Liezel

EkaCanzibe
Bongi
Ricco
George

EyeSilimela
Mpho

EyeKhala
Palesa
Lisa
Kayla

EyeThupha
Mbali
Brenda
Mary

EyoMsintsi
Themba

EyeDwarha
Karin
Jaco

EyeNkanga
Gugu
Dian

EyoMnga
Lebo
Richard
Denise

1 2 3 4 5 6 7 8 9 10



Bhala igama lomntwana ngamnye ofunda naye eklasini kule khalenda yemihla yokuzalwa.

EyoMqungu	EyoMdumba	EyoKwindla
EkaTshazimpuzi	EkaCanzibe	EyeSilimela
EyeKhala	EyeThupha	EyoMsintsi
EyeDwarha	EyeNkanga	EyoMnga



Usuku lwam lokuzalwa lungomhla

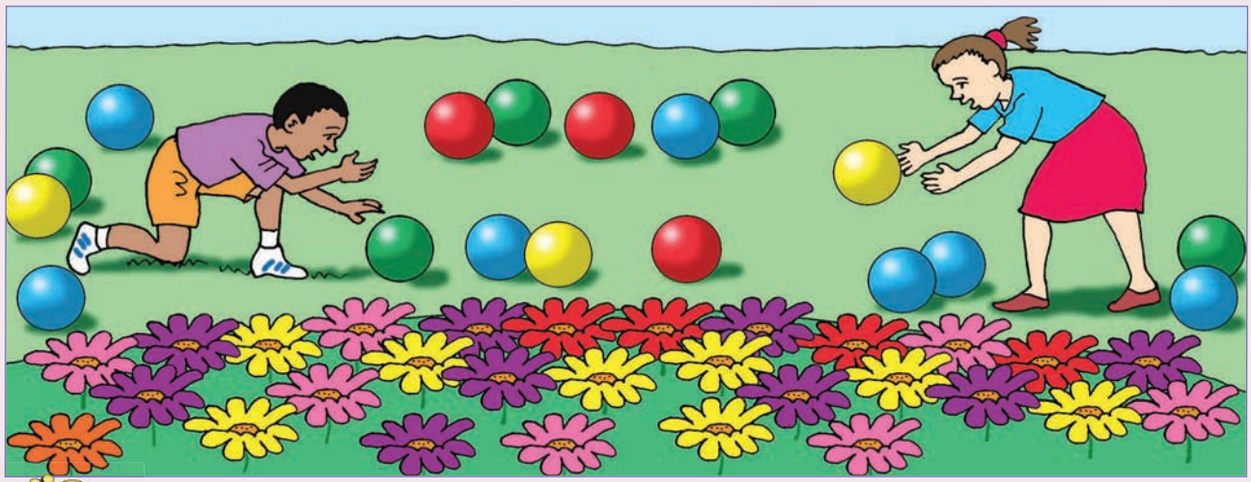
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Sign:
Date:

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15

Umhla:

Ukuqokelela nokuhlela





Qokelela uze uhlele iibhola uze uzizobe kwibhokisi echanekileyo.

iibhola eziluhlaza	iibhola ezibomvu	iibhola ezizuba	iibhola ezimthubi



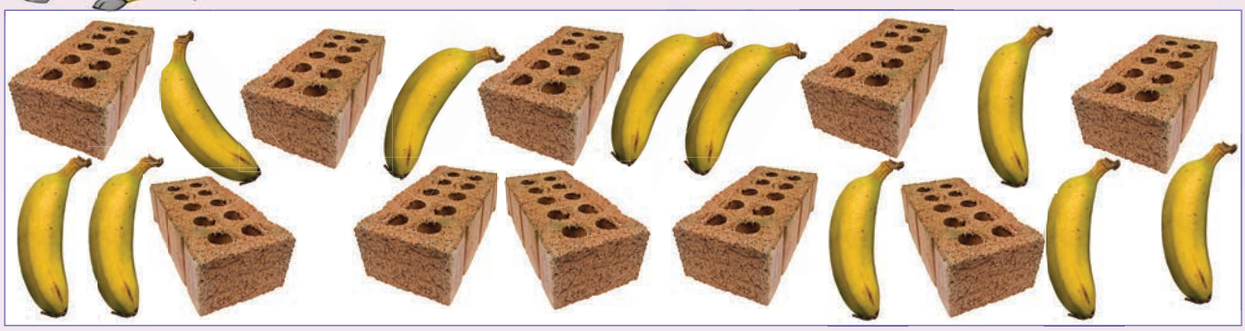
Qokelela iintyatyambo uze uzihlele.

iintyatyambo ezimthubi	iintyatyambo ezibomvu	iintyatyambo ezimsobo	iintyatyambo ezipinki	iintyatyambo eziorenji
				

1 2 3 4 5 6 7 8 9 10

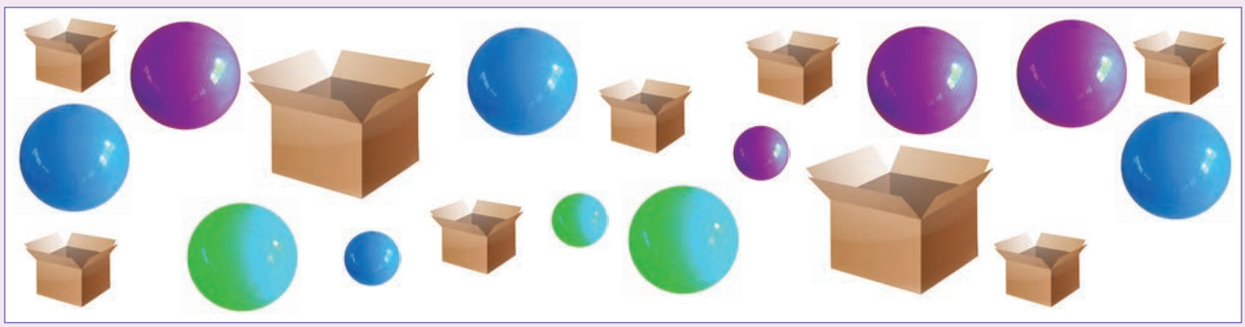


Hlela izinto. Zenzele eyakho imifanekiso.



izinto ezikhaphu-khaphu

izinto ezinzima



iibhola ezincinci

iibhola ezinkulu

iibhokisi ezincinci

iibhokisi ezinkulu

Teacher:

Sign:

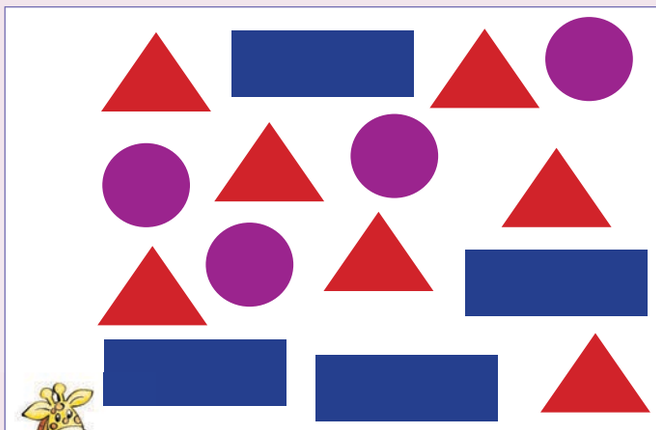
Date:

11 12 13 14 15 16 17 18 19 20

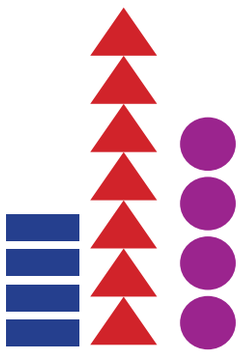
16

Umhla:

Funda uze utolike



Umfanekiso wam





Hlela iikhrayoni. Zizobe.





Hlela iintyatyambo. Zizobe.





Hlela amafu neminyama. Zizobe.



1 2 3 4 5 6 7 8 9 10



Phendula imibuzo.

		
oonxantathu	iirekthengile	izangqa

Bangaphi oonxantathu abakhoyo? ____

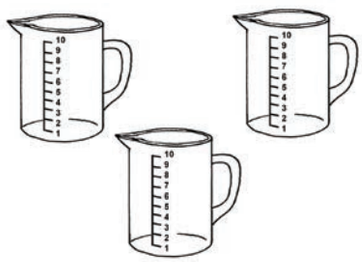
Zingaphi iirekthengile ezikhoyo? ____

Zingaphi izangqa ezikhoyo? ____

Ingaba ngoonxantathu abaninzi okanye ziirekthengile? ____

Ingaba zizangqa ezininzi okanye ngoonxantathu? ____

Ingaba zizangqa ezininzi okanye ziirekthengile? ____

		
ayinanto	isehafini	izele

Zingaphi iijagi ezingenanto? ____

Zingaphi iijagi ezisehafini? ____

Zingaphi iijagi ezizeleyo? ____





Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

17

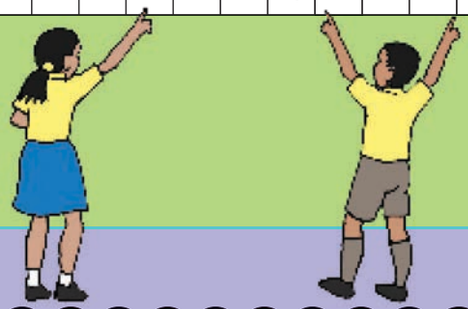
Umhla: .....

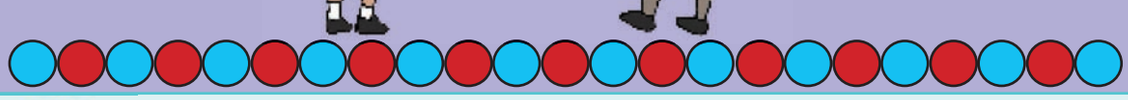
Phambi, emva nangaphakathi

Chaza amanani ngokuthi usebenzise la magama 'phambi', 'phakathi' no 'emva'.

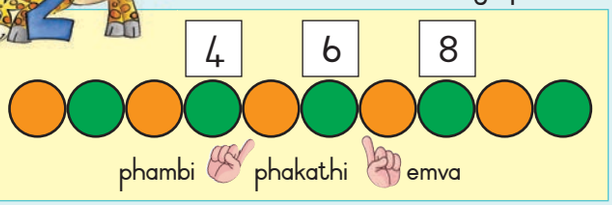
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

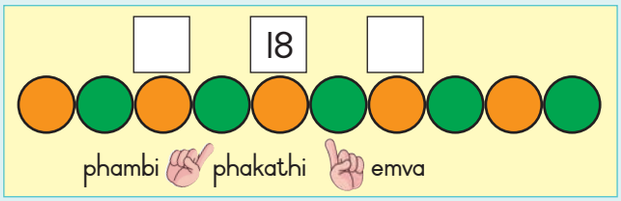
Umzekelo: Ibhola nganye ebomvu iphakathi kweebhola ezizuba ezimbini.

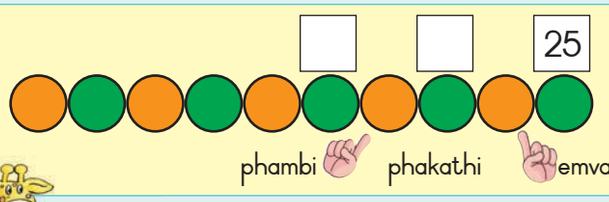


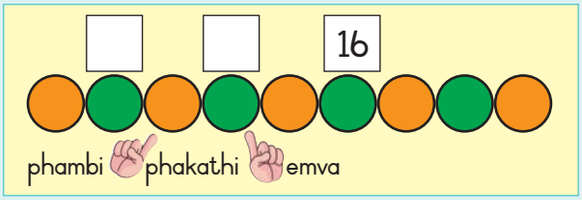


2 Bhala inani elichanekileyo phakathi kwisikwere.









3 Fakela amanani angekhoyo.

	2			5	
	12			15	
13			16		

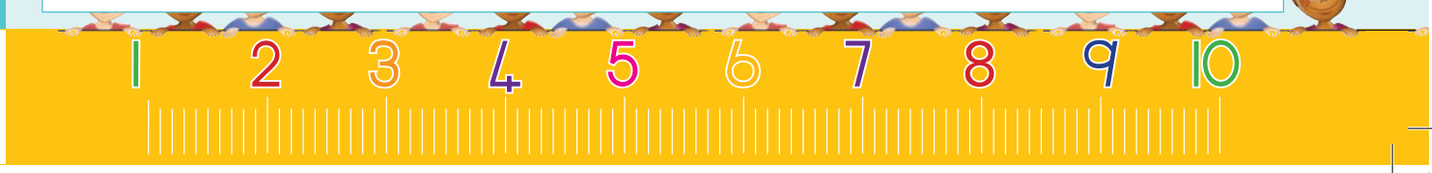
10			13		
	17			20	
20					25

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

Leliphi inani eliphambi kwesi-8? _____

Leliphi inani elisemva kwe-16? _____

Ngawaphi amanani aphakathi kwesi-8 ne-12? _____





Faka umbala ozuba kumanani aphakathi kwe-14 ne-17. Faka umbala obomvu kwinani eliza phambi kwe-14. Faka umbala omthubi kwinani eliza emva kwe-17

11	12	13	14	15	16	17	18	19	20

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Bhala phantsi onke amanani akumaso amthubi.
Sithini xa siwabiza la manani abhalwe kumaso amthubi?

_____

Bhala phantsi onke amanani akumaso apinki.
Sithini xa siwabiza amanani abhalwe kumaso apinki?

_____



Yahlulela abantwana abanxibe mthubi amaso amthubi.

Ufumana amaso amangaphi umntwana emnye?_____. Akhona amaso aseleyo?_____

Yahlulela abantwana abanxibe pinki amaso apinki.

Ufumana amaso amangaphi umntwana emnye?_____. Akhona amaso aseleyo?_____

Phendula le mibuzo ilandelayo.

Ngawaphi amanani angoonombini amathathu aza emva kwe-12? _____
Ngawaphi amanani ayiminqakathi amathathu aza emva kwe-14?_____
Ngawaphi amanani ayiminqakathi aphakathi kwe-18 nama-24? _____
Bhala phantsi oonombini abaphakathi kwesi-8 ne-18._____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

18

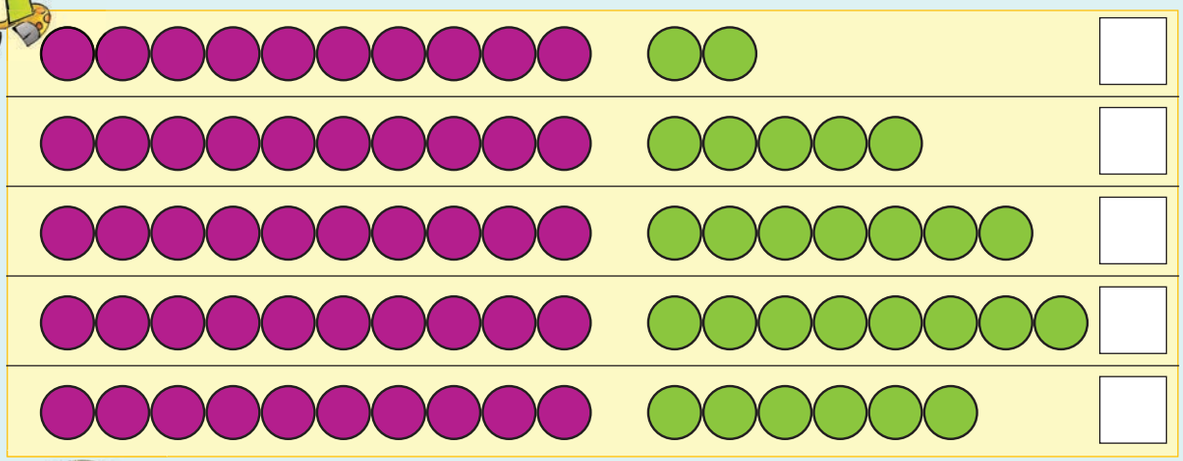
Umhla:

Amanani 1 – 30

Zingaphi iincwadi ezikhoyo?
Zingaphi iibhotile zepeyinti ezikhoyo?



1 Mangaphi ewonke la maso?



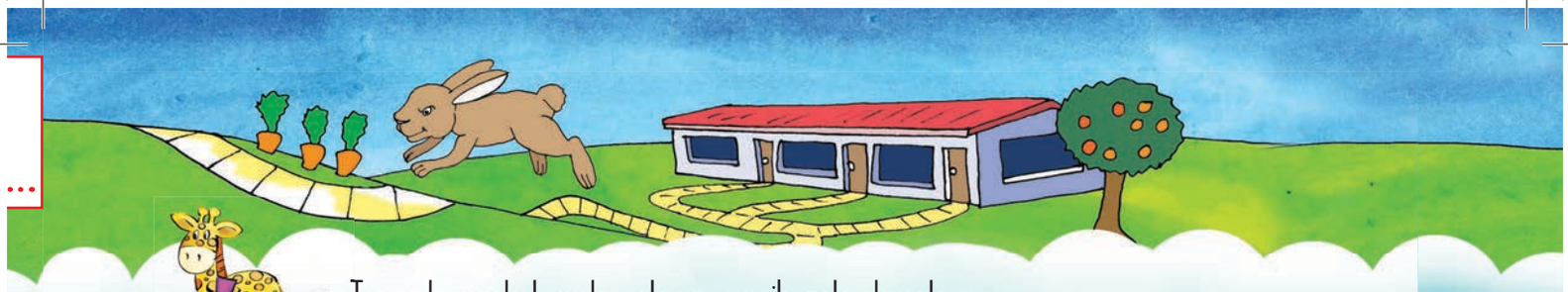
2 Zingaphi zizonke ezi ncwadi?



3 Fakela amanani angekhoyo.

14	12	15	17	19	13	26	28	21	30
10 4	2	10	7	10					

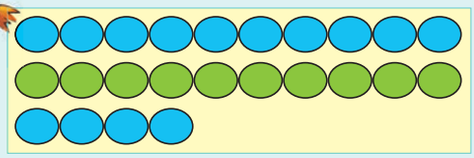
1 2 3 4 5 6 7 8 9 10



4 Jonga kumzekelo wokuqala uze ugqibezele okuseleyo.

18	=	1	ishumi elinye	+	nemivo esi-	8	okanye	18	=	10	+	8
15	=		ishumi elinye	+	nemivo emi-		okanye		=		+	
19	=		ishumi elinye	+	nemivo eli-		okanye		=		+	
22	=		amashumi amabini	+	nemivo emi-		okanye		=		+	
24	=		amashumi amabini	+	nemivo emi-		okanye		=		+	

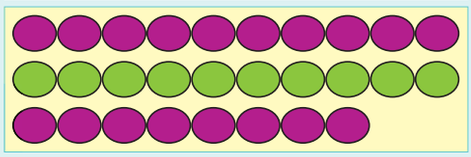
5 Mangaphi ewonke la maso?



Inani

Singalibhala ngolu hlobo:

20 + ☐ = 24



Inani

Singalibhala ngolu hlobo:

20 + ☐ = 28

6 Bhala amagama ala manani:

10	_____	11	_____
12	_____	13	_____
14	_____	15	_____
16	_____	17	_____
18	_____	19	_____
20	_____	21	_____
22	_____	23	_____
24	_____	25	_____

7 Jonga kumzekelo wokuqala uze ugqibezele okuseleyo.

25	=	2	amashumi	+	5	imivo	22	=	2	amashumi	+	2	imivo
13	=		ishumi	+		imivo	21	=		amashumi	+		imivo
26	=		amashumi	+		imivo	19	=		ishumi	+		imivo

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

19

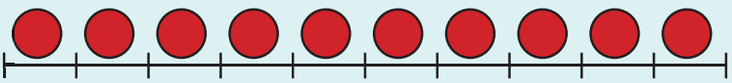
Umhla:

Imigca-manani

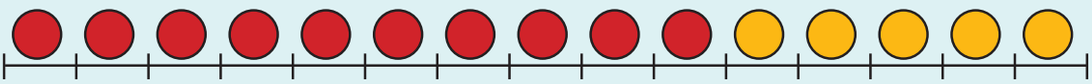




Fakela la manani angekhoyo.



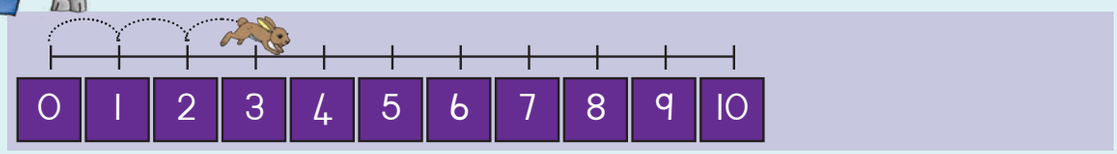
0	1			4						10



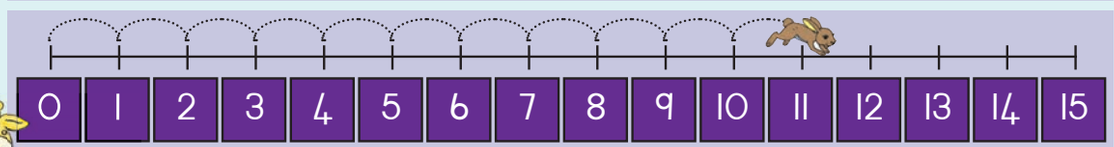
0					5	6									15



Utsibe waya kuma phi umvundla? Sebenzisa umgca-manani ukuncede ufumane iimpendulo.



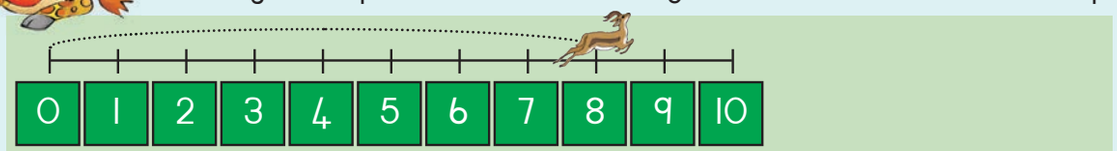
0	1	2	3	4	5	6	7	8	9	10



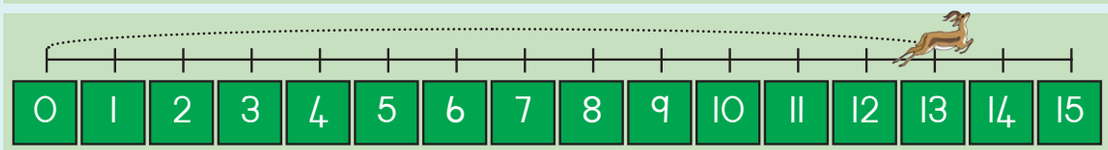
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



Litsibe laya kuma phi ibhadi? Sebenzisa umgca-manani ukuncede ufumane iimpendulo.



0	1	2	3	4	5	6	7	8	9	10

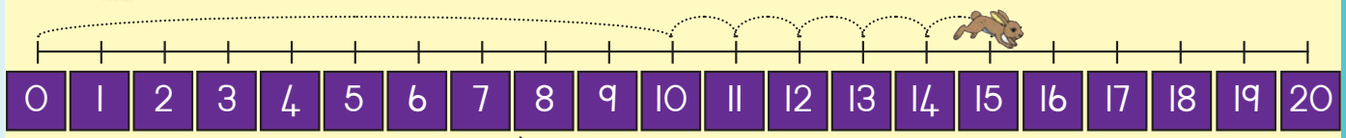


0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

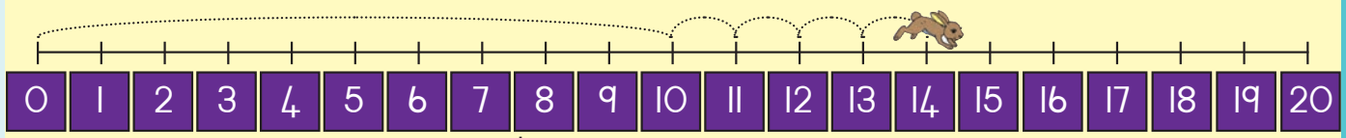




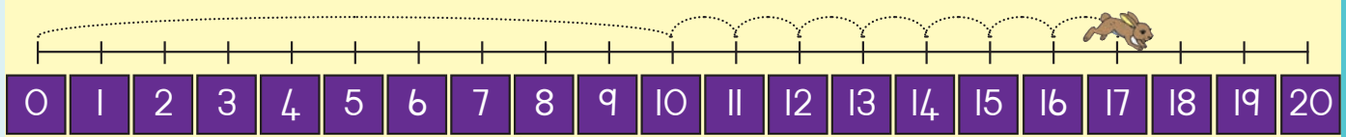
Gqibezela umgca-manani. Utsibe waya kuma phi umvundla?



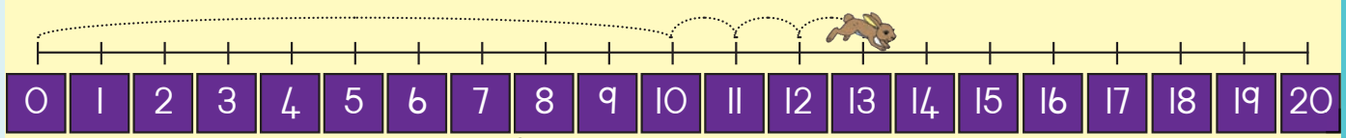
amashumi		imivo		
10	+	5	=	



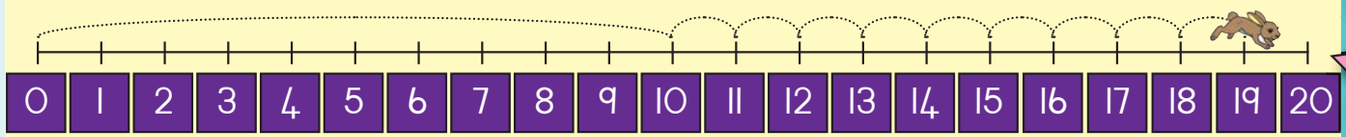
amashumi		imivo		
	+		=	



amashumi		imivo		
	+		=	



amashumi		imivo		
	+		=	



amashumi		imivo		
	+		=	

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

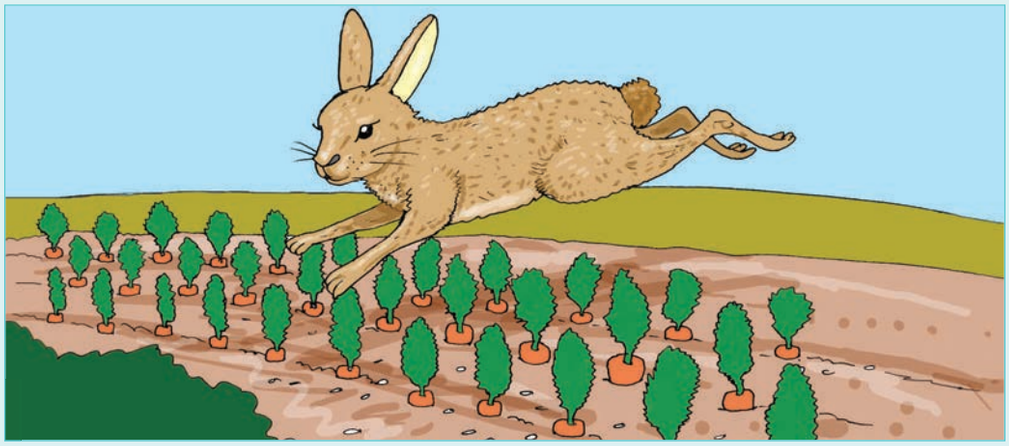


20

Umhla:

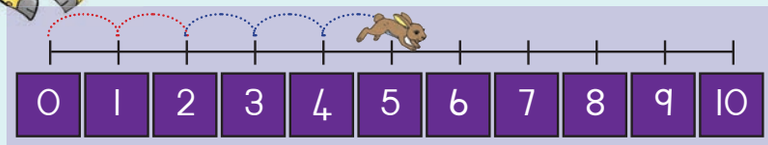
.....

Eminye imigca manani

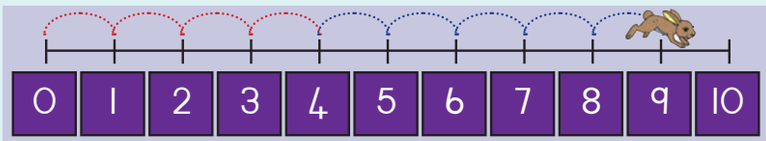




Ncedisa umvundla ubhale esi sibalo. Sebenzisa umgca-manani ukuncede ufumane iimpendulo.



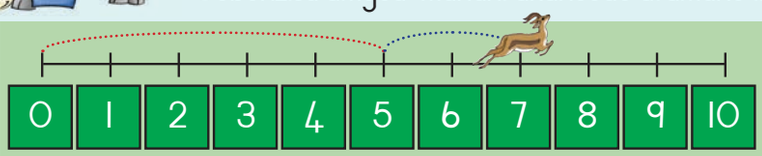
2 + 3 = 5



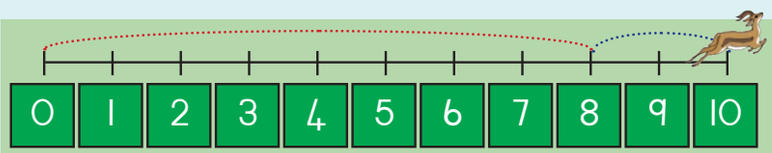
__ + __ = __



Ncedisa ibhadi libhale isibalo.
Sebenzisa umgca-manani ukuncede ufumane iimpendulo.

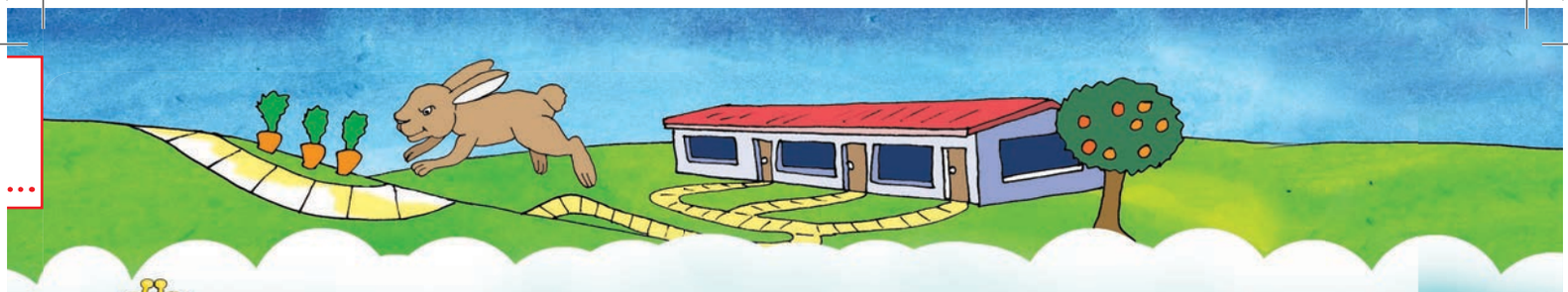


__ + __ = __



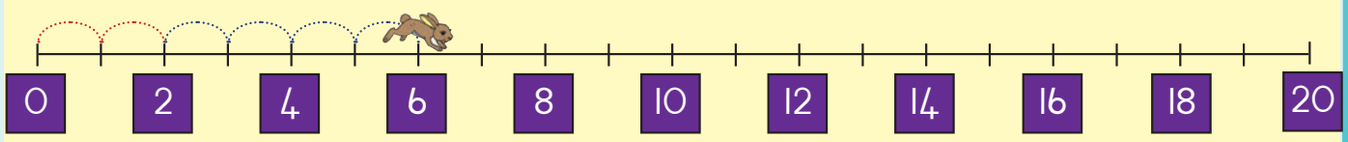
__ + __ = __

1 2 3 4 5 6 7 8 9 10

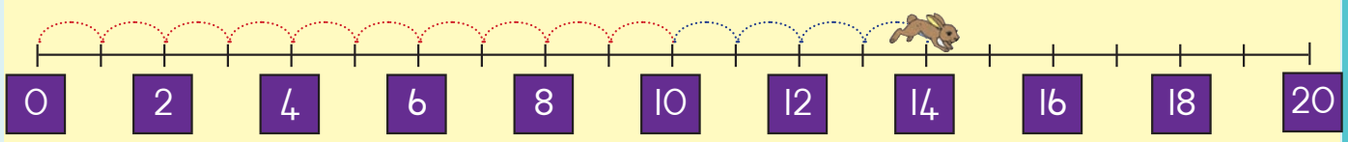




Ncedisa umvundla ubhale esi sibalo.



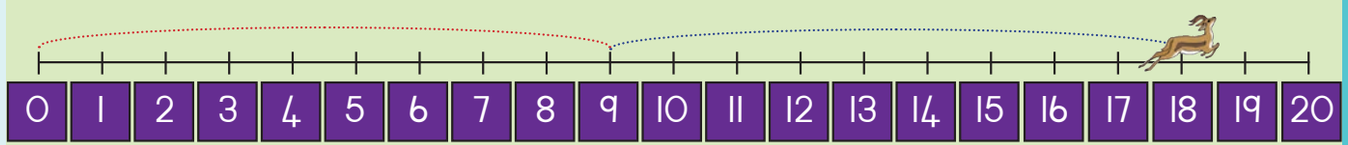
$\square + \square = \square$



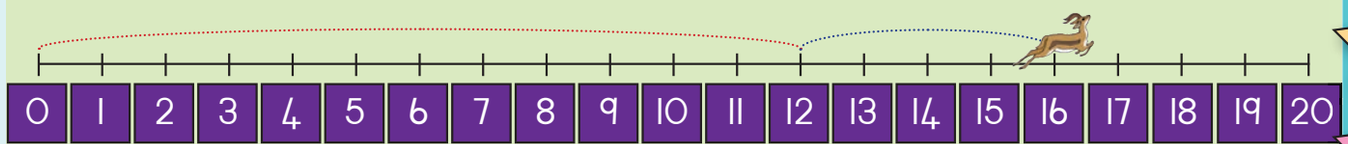
$\square + \square = \square$



Ncedisa ibhadi libhale esi sibalo.



$\square + \square = \square$



$\square + \square = \square$



Teacher:

Sign:

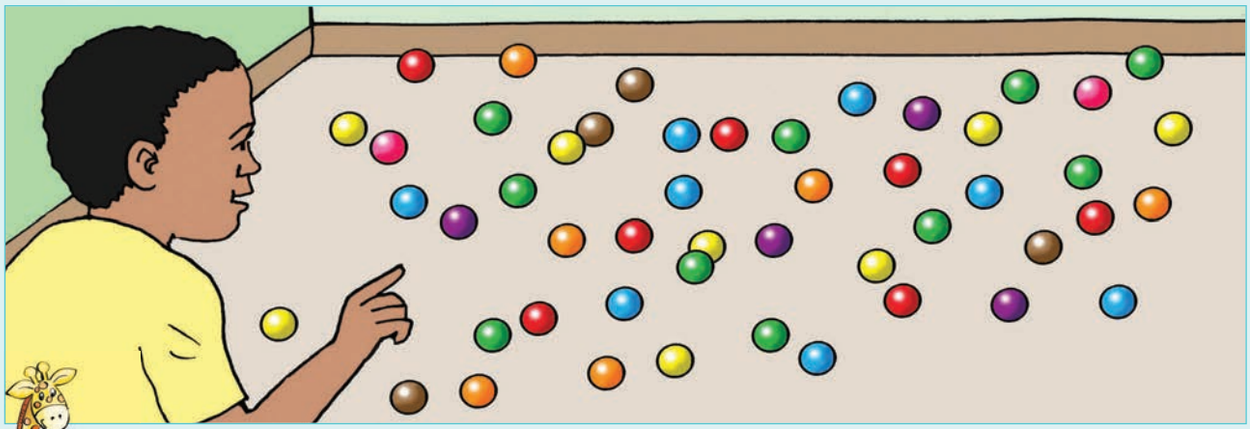
Date:

11 12 13 14 15 16 17 18 19 20

21

Umhla:

Ukudibanisa nokuthabatha





Bhala inani lamaso.

Mangaphi amaso abomvu akhoyo?

Mangaphi amaso azuba akhoyo?

Mangaphi amaso aluhlaza akhoyo?

Mangaphi amaso aorenji akhoyo?

Mangaphi amaso amsobo akhoyo?

Mangaphi amaso akhoyo ewonke?

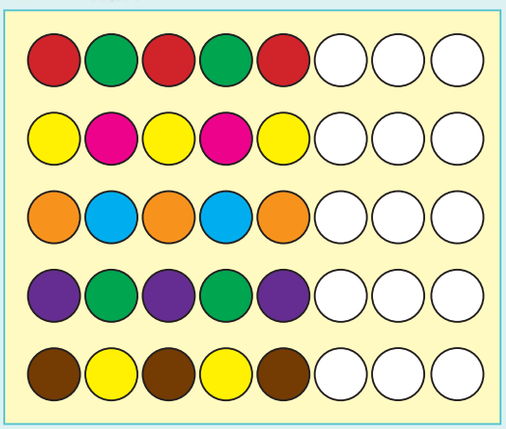


Bhala inani lamaso kumbala ngamnye kwiibhokisi ezichanekileyo uze uwadibanise.

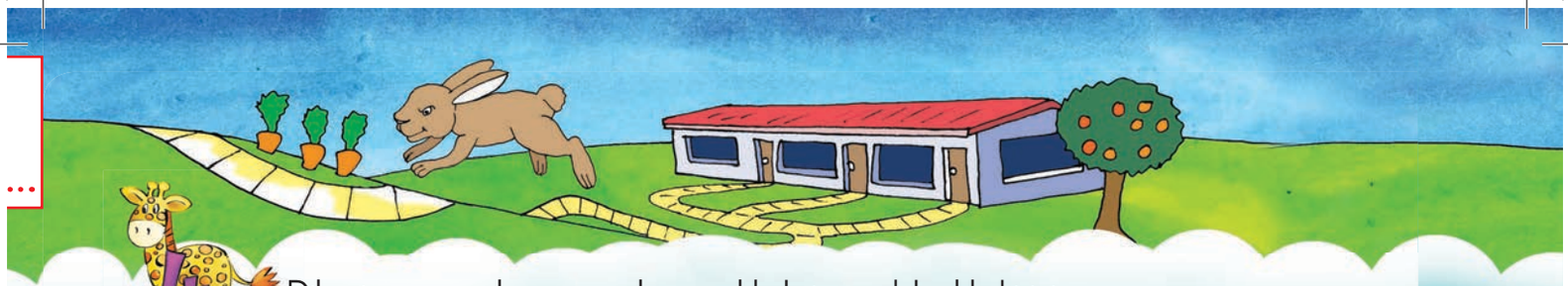
bomvu	+	luhlaza	=	
mthubi	+	pinki	=	
orenji	+	zuba	=	
msobo	+	luhlaza	=	
mdaka	+	mthubi	=	



Qgibezela iipatheni.



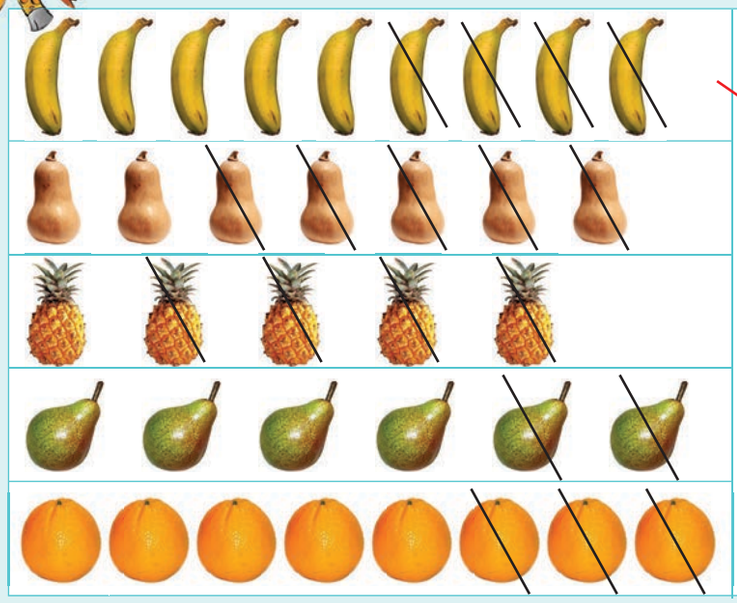
1 2 3 4 5 6 7 8 9 10



Dibanisa amaso abomvu nazuba uze ubhale impendulo ebhokisini.

●●●●●●●●	+	●●●●●●●	=	15
8	+	7	=	
●●●●●●●●	+ ●● +	●●●●●	=	
8	+ 2 +	5	=	
●●●●●●●●●	+	●●●●●●	=	
9	+	6	=	
●●●●●●●●●	+ ● +	●●●●●	=	
9	+		+		=	

Tshatisa umfanekiso kunye nesibalo uze unike impendulo.



7 – 5 =	
9 – 4 =	
8 – 3 =	
5 – 4 =	
6 – 2 =	

Bhala isibalo:

9 – 6 = 3	– =
– =	– =

Teacher:
Sign:
Date:

22

Umhla:

Iintsuku, iiveki kunye neenyanga

uMvulo
uLwesibini
uLwesithathu
uLwesine
uLwesihlanu
uMgqibelo
iCawa

EyoMqungu	EyoMdumba	EyoKwindla
EkaTshazimpuzi	EkaCanzibe	EyeSilimela
EyeKhala	EyeThupha	EyoMsintsi
EyeDwarha	EyeNkanga	EyoMnga

Phendula le mibuzo ilandelayo imalunga neentsuku zeveki.

Loluphi usuku oluza phambi koLwesithathu? _____

Loluphi usuku oluza emva koLwesithathu? _____

Loluphi usuku oluza emva koMgqibelo? _____

Loluphi usuku oluphakathi koMvulo noLwesithathu? _____

Ukuba uMvulo lusuku lokuqala, loo nto ithetha ukuba uLwesihlanu lusuku lwesingaphi? _____

Zeziphi iintsuku eziphakathi koLwesithathu noMgqibelo? _____

_____

2 Phendula le mibuzo ilandelayo imalunga neenyanga.

Yeyiphi inyanga eza phambi kwekaTshazimpuzi? _____

Yeyiphi inyanga eza emva kweyeSilimela? _____

Yeyiphi inyanga ephakathi kweyeThupha neyeDwarha? _____

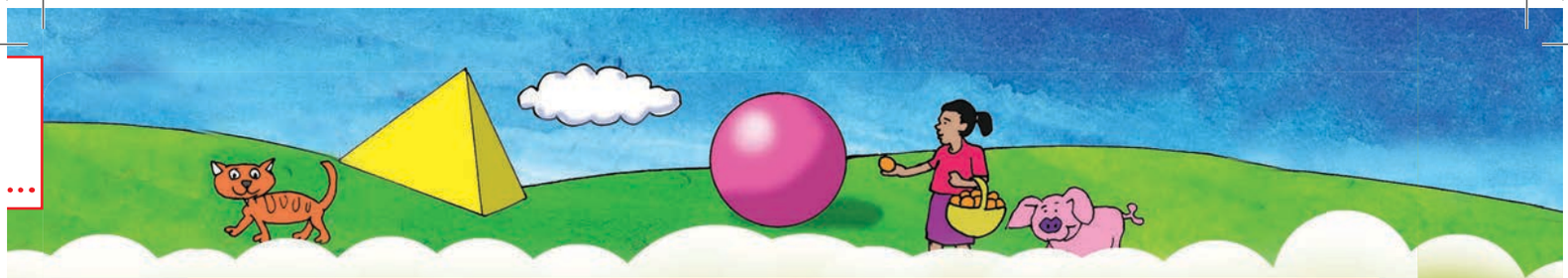
Zeziphi iinyanga eziphakathi kweyoMqungu neyeSilimela? _____

_____

Yeyiphi inyanga yokuqala enyakeni? _____

Yeyiphi inyanga yokugqibela enyakeni? _____

1 2 3 4 5 6 7 8 9 10



Iinkolo zaseMzantsi Afrika	Iziganeko zembali	Usuku lokuzalwa
	Usuku lwamaLungelo oLuntu Usuku lweNkululeko Usuku lwaBasebenzi Usuku loLutsha Usuku lukaZwelonke lwaMandela Usuku lwezamafa Usuku loXolelwaniso	Usuku lwam lokuzalwa 



Umsiko 2: Sebenzisa imisiko uze uncamathelise iiholide ezintathu zenkolo nazo zonke iiholide zikawonke-wonke zaseMzantsi Afrika kwiinyanga zekhalenda.

EyoMqungu	EyoMdumba	EyoKwindla
EkaTshazimpuzi	EkaCanzibe	EyeSilimela
EyeKhala	EyeThupha	EyoMsintsi
EyeDwarha	EyeNkanga	EyoMnga



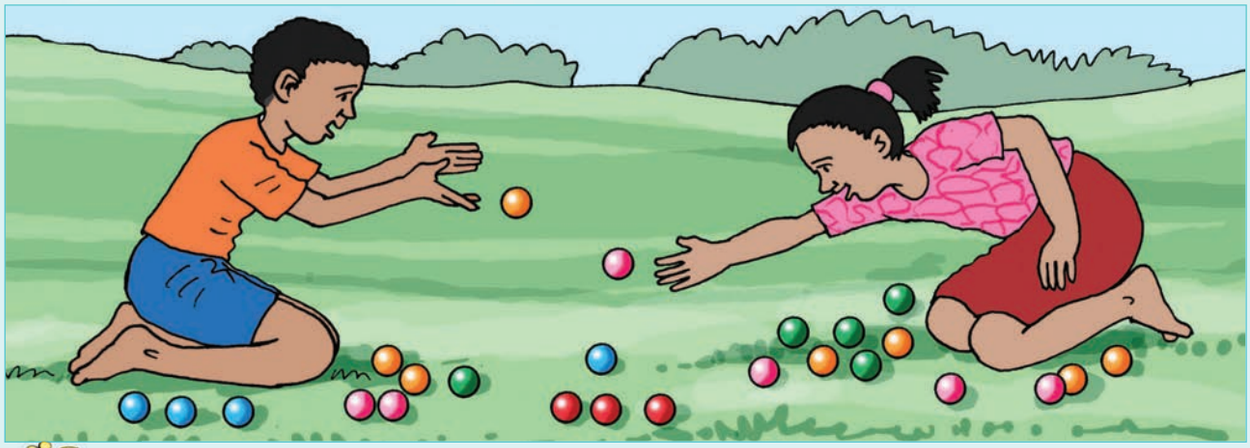
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

23a

Umhla: .....

Ukudibanisa





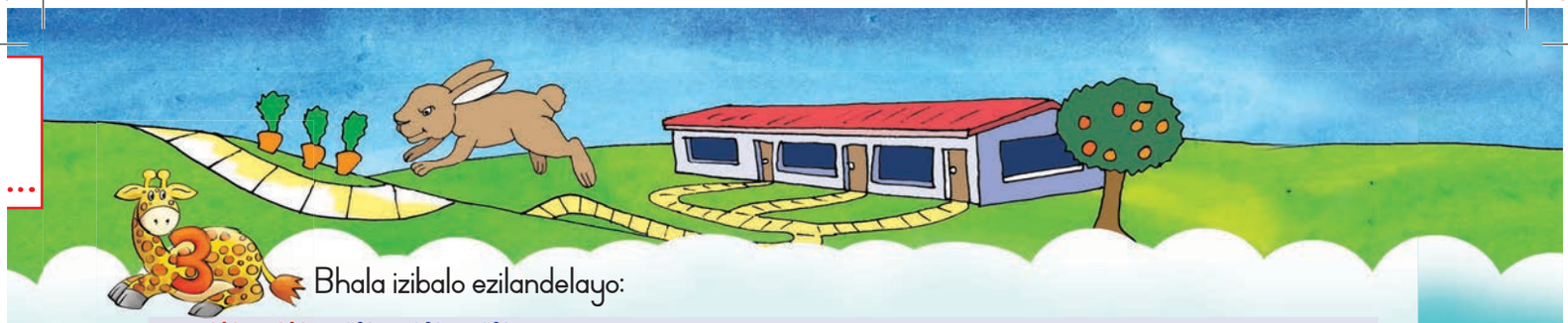
Jonga umfanekiso uze ubhale inani lamapetyu kumbala ngamnye kwiibhokisi ezichanekileyo uze udibanise izibalo.

bomvu	+	zuba	=	3	+	4	=	
luhlaza	+	zuba	=		+		=	
pinki	+	zuba	=		+		=	
luhlaza	+	orenji	=		+		=	
bomvu	+	luhlaza	=		+		=	
orenji	+	zuba	=		+		=	

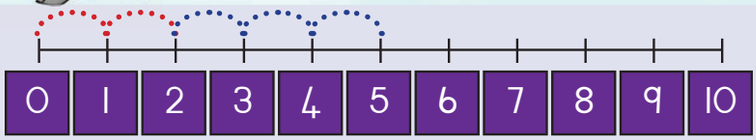


Dibanisa.

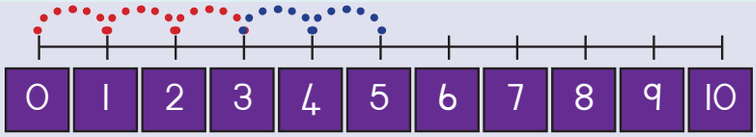
3 + 2 =	4 + 6 =	9 + 3 =
6 + 5 =	7 + 8 =	8 + 4 =
9 + 5 =	8 + 6 =	7 + 4 =
9 + 9 =	7 + 5 =	8 + 8 =
7 + 6 =	9 + 6 =	7 + 7 =



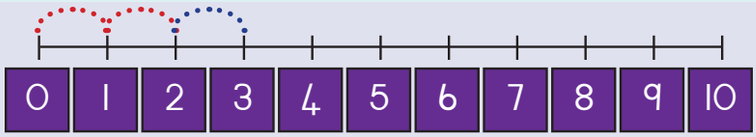
Bhala izibalo ezilandelayo:



2 + 3 = 5



__ + __ = __



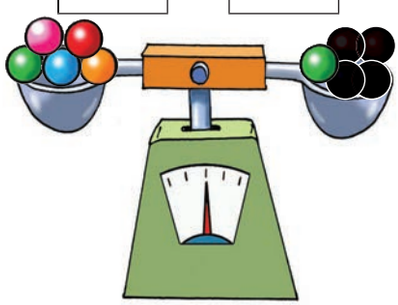
__ + __ = __



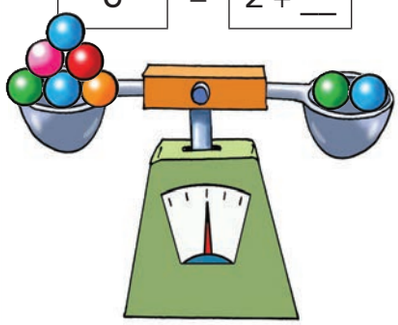
__ + __ = __

Yongeza amaso ukuze izikali zilingane. Sikwenzele eyokuqala.

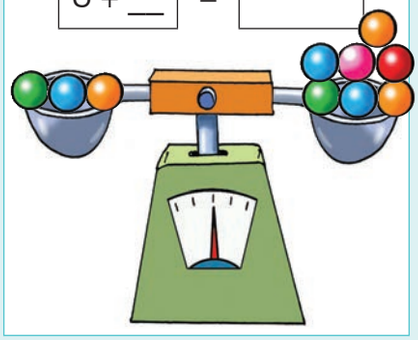
5 = 1 + 4



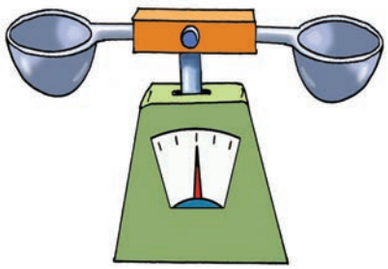
6 = 2 + __



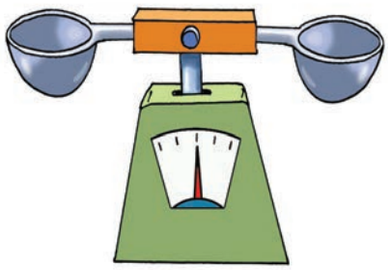
3 + __ = __



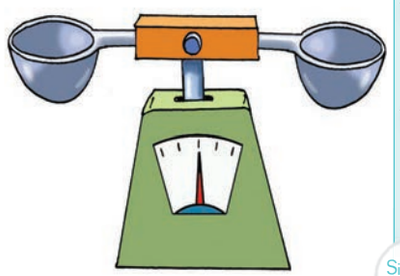
2 + 1 = 1 + __



6 + 3 = 3 + __



2 + __ = 8 + 2



Teacher:

Sign:

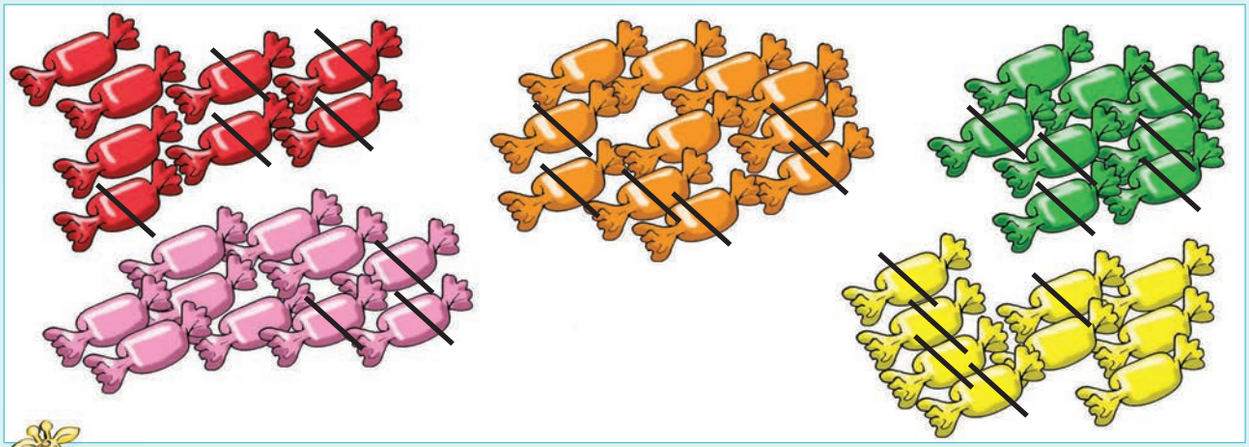
Date:

11 12 13 14 15 16 17 18 19 20

23b

Umhla:

Ukuthabatha





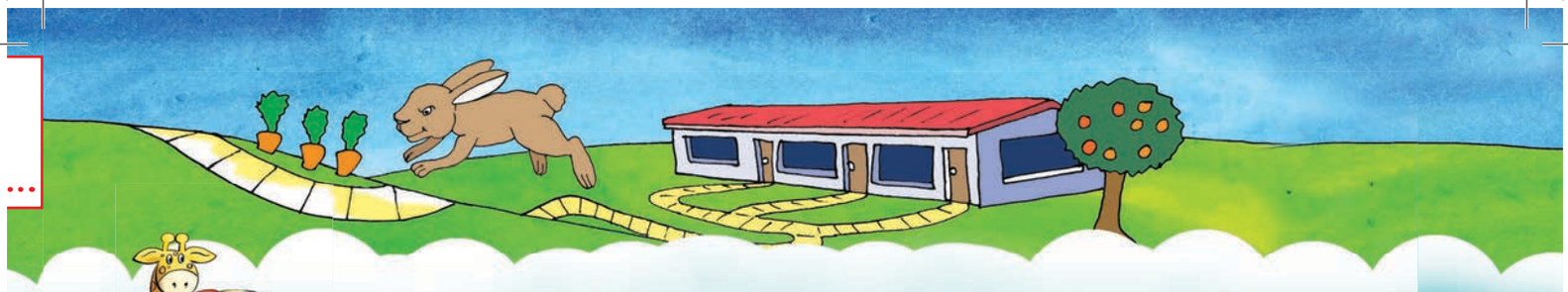
Jonga kumfanekiso uze ubale.

iilekese ezibomvu	=	8	–	5	=	3
iilekese eziluhlaza	=		–		=	
iilekese ezimthubi	=		–		=	
iilekese eziorenji	=		–		=	
iilekese ezipinki	=		–		=	

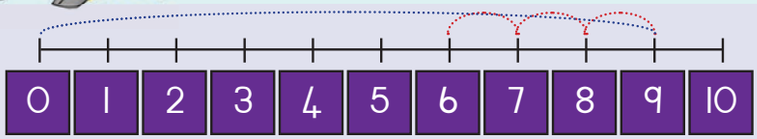


Thabatha.

5 – 3 =	10 – 6 =	12 – 3 =
11 – 5 =	15 – 7 =	12 – 4 =
14 – 9 =	14 – 8 =	11 – 4 =
18 – 9 =	12 – 5 =	16 – 8 =
13 – 7 =	15 – 6 =	14 – 7 =



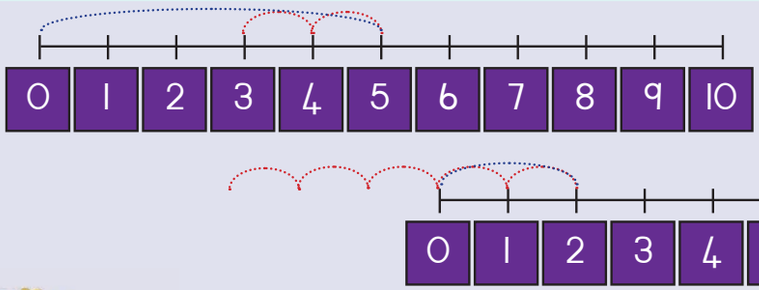
Gqibezela.



9 – 3

Akalingani no –

3 – 9

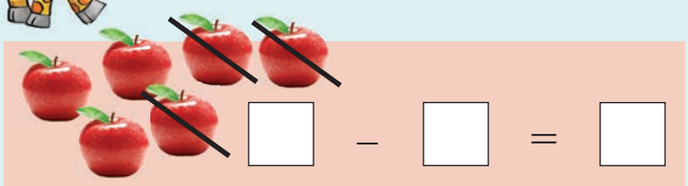


5 – 2

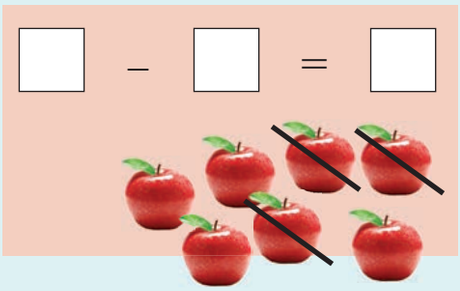
Akalingani no –

2 – 5

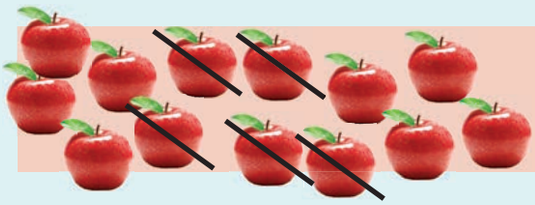
Bhala ezi zibalo:



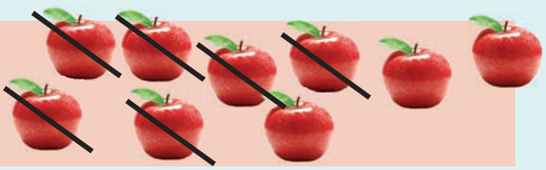
□ – □ = □



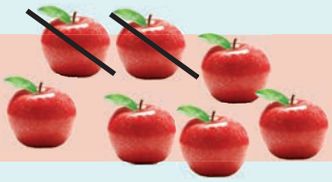
□ – □ = □



□ – □ = □



□ – □ = □



□ – □ = □

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

24



Umhla:

.....

Okunye ukudibanisa

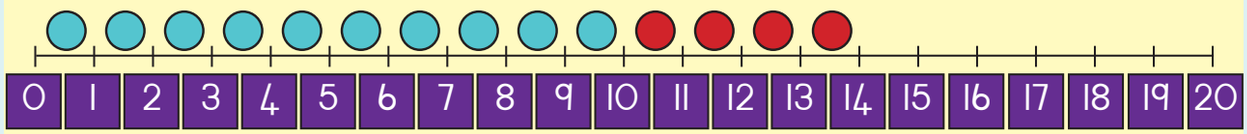


Dibanisa amanani akwibloko nganye uze ubhale isiphumo.

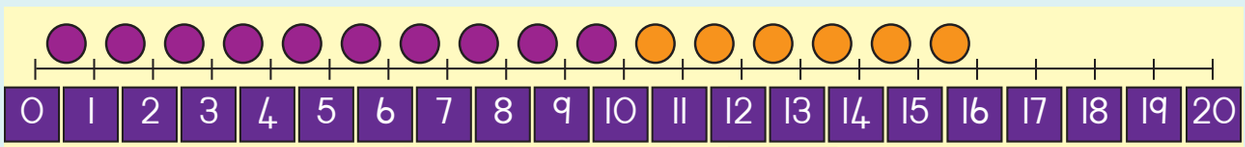
2 + 10	8 + 10	7 + 10	5 + 10	3 + 10



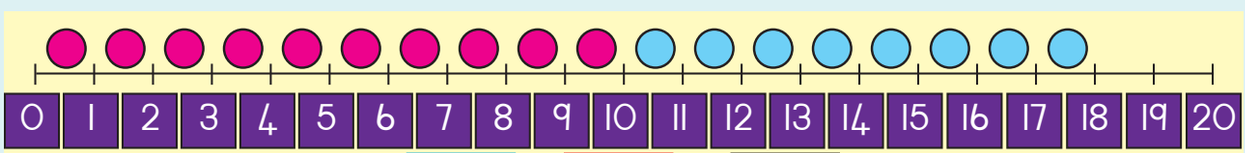
Sebenzisa umgca-manani. Bhala isibalo sokudibanisa. Sesikwenzele eyokuqala.



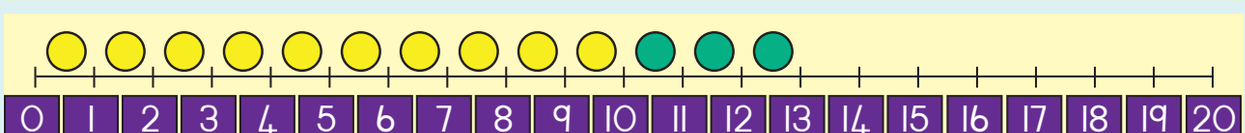
10 + 4 = 14



__ + __ = __

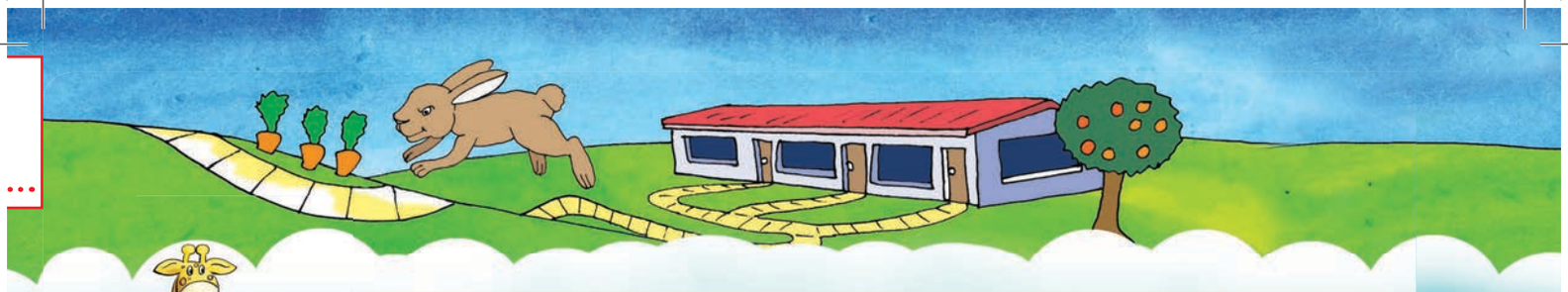


__ + __ = __



__ + __ = __

1 2 3 4 5 6 7 8 9 10





Dibanisa.

10	+	3	=	13	10	+	2	=	
10	+	5	=		10	+	7	=	
10	+	1	=		10	+	6	=	
10	+	4	=		10	+	8	=	
10	+	9	=		10	+	3	=	



Dibanisa.

16 + 13

10		10		20
6	+	3	=	9
16	+	13	=	29

14 + 12

10		10		
4	+	2	=	
	+		=	

17 + 11

10		10		
7	+	1	=	
	+		=	

15 + 13

10		10		
5	+	3	=	
	+		=	

16 + 12

10		10		
6	+	2	=	
	+		=	

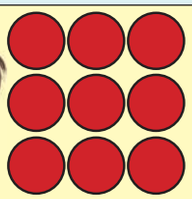
18 + 12

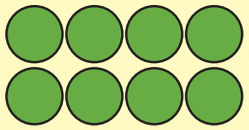
10		10		
8	+	2	=	
	+		=	



ULisa unezibalisi ezili-9, uAakar abe nezisi-8.









Zingaphi zizonke?

Teacher:

Sign:

Date:

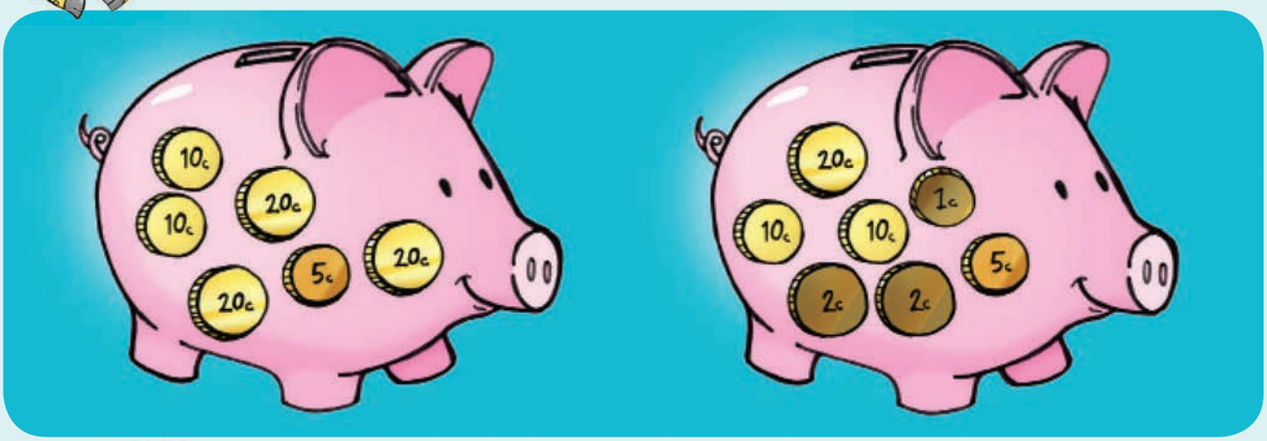
11 12 13 14 15 16 17 18 19 20

25

Umhla:

Imali

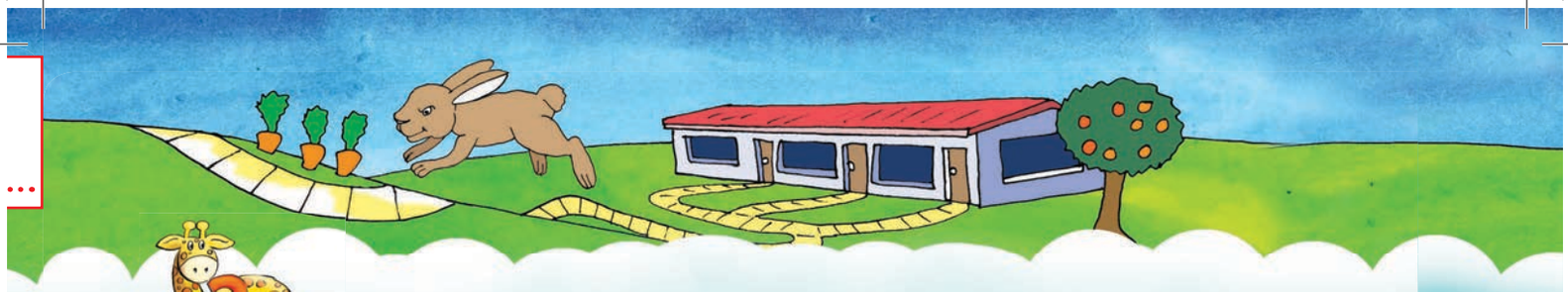
1 Kukho ntoni ebhankini yam?



2 Sika iingqekembe kumsiko-3 uze uncamathelise izixa ezichanekileyo apha.

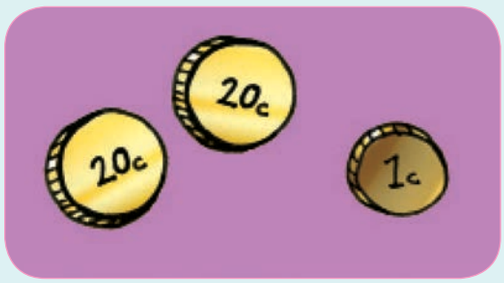
50c	70c
90c	60c
40c	80c

1 2 3 4 5 6 7 8 9 10



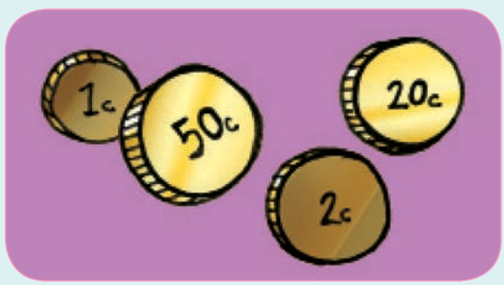
Zingaphi iisenti.













Izibalo zamazwi.

USiziwe unama-50c. Umama wakhe umphe ama-20c ngaphezulu. Unamalini iyonke ngoku uSiziwe?

_____

Ndinama-90c. Ndithenge iilekese ngama-30c. Ndinamalini eshiyekileyo?

_____

Teacher:
Sign:
Date:

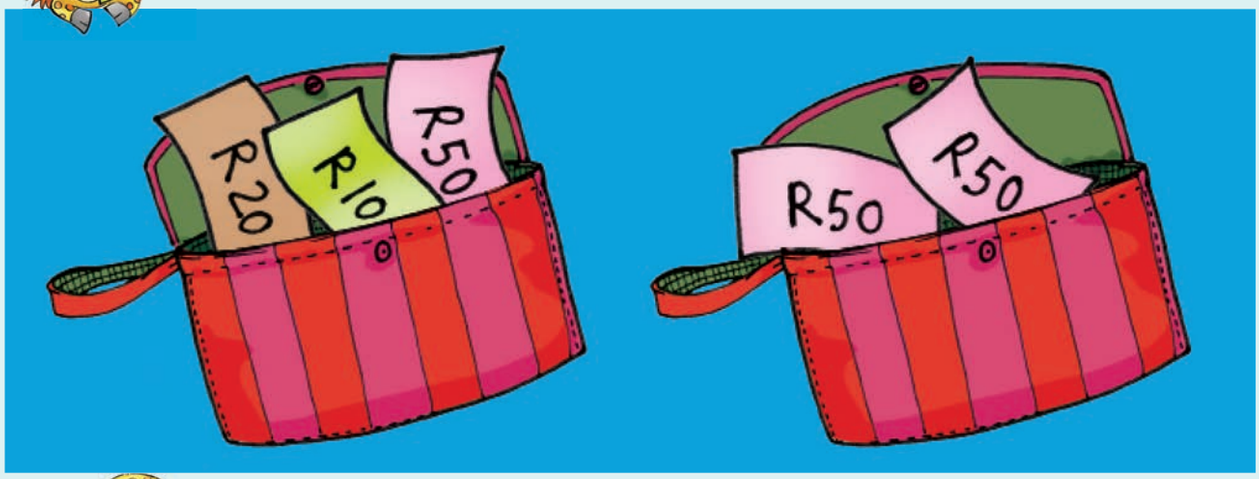
26

Umhla:

.....

Imali eliphepha

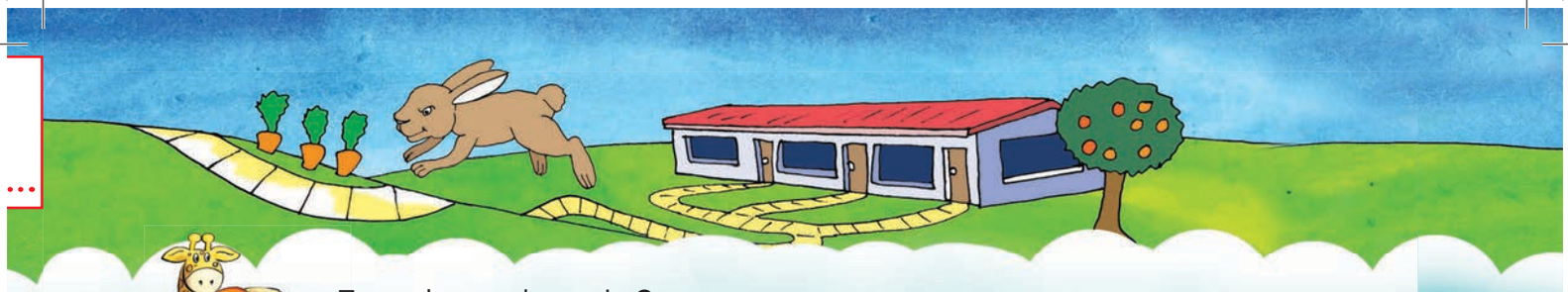
1 Ndinamalini esipajini sam?



2 Sika imali engamaphepha kumsiko-3 uze uncamathelise imali ef anelekileyo apha.

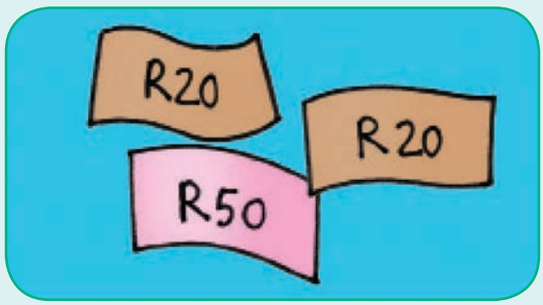
1 2 3 4 5 6 7 8 9 10



3 Zingaphi iirandi zizonke?













4 Izibalo zamagama:

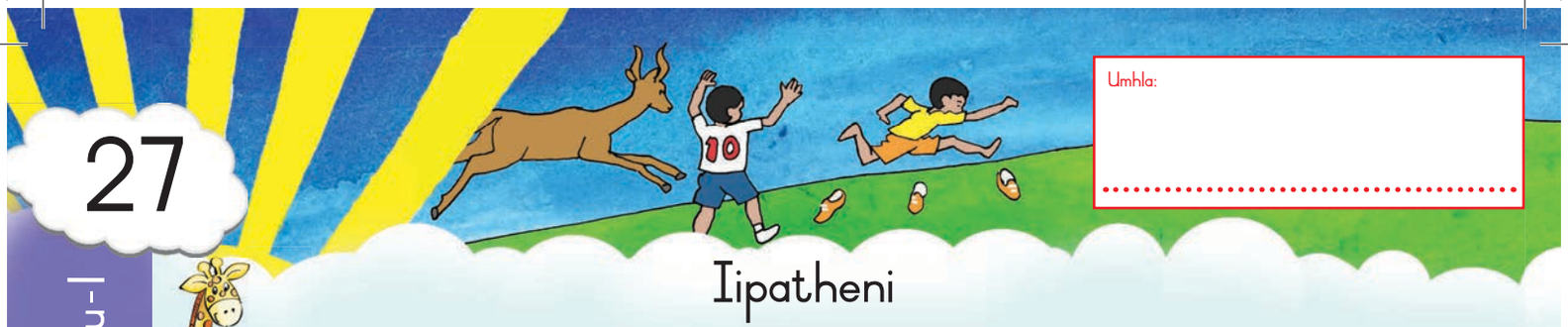
Ndizigcinele ama-R50. Ndafumana ama-R20 ngosuku lwam lokuzalwa.
Ndinamalini iyonke? _____

Ndinama-R90. Ndithenge incwadi ngama-R30.
Ndinamalini eshiyekileyo? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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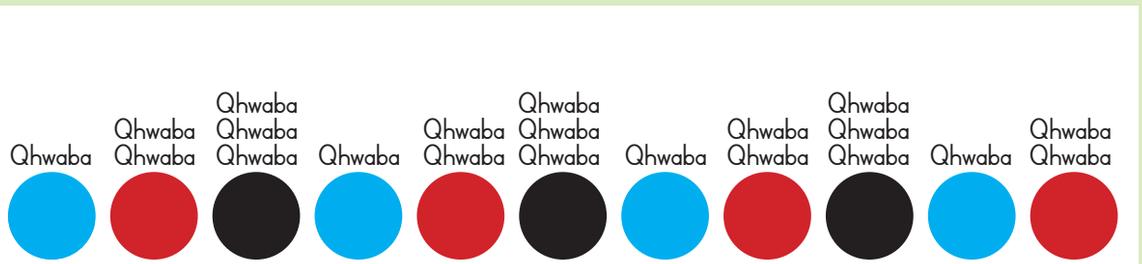
Umhla:

.....

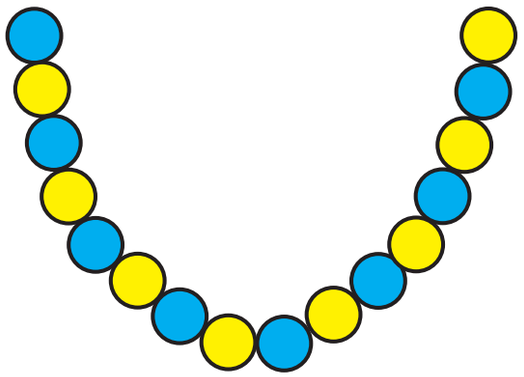
Iipatheni

1 Qhwaba ngokulandela isingqi sepatheni.





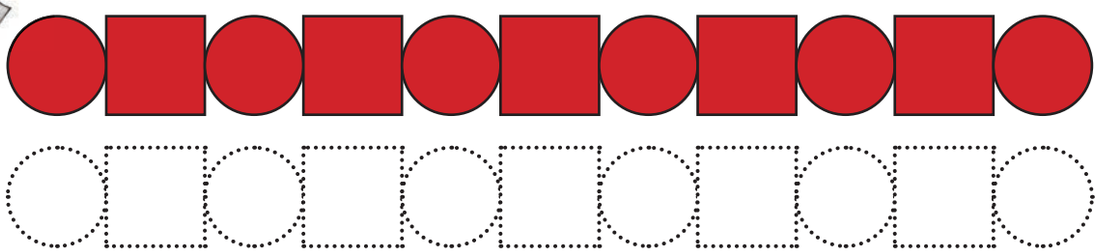
2 Khuphela iipatheni. Sebenzisa umsiko wesi-4.

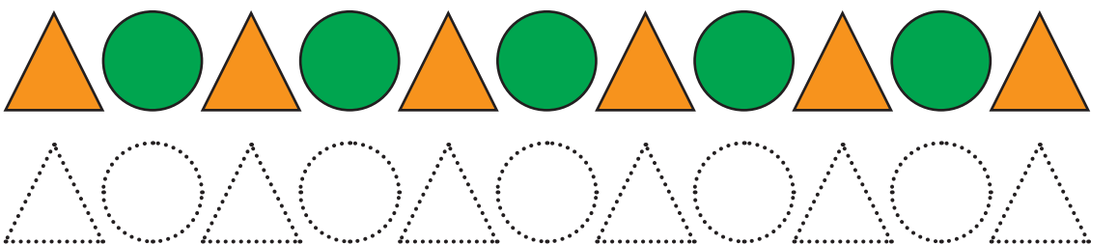


3 Zenzele umfanekiso wakho ngokusebenzisa amaso ashiyekileyo. Sebenzisa umsiko wesi-4.



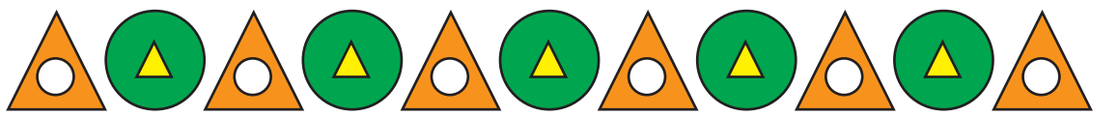
Khuphela iipatheni.

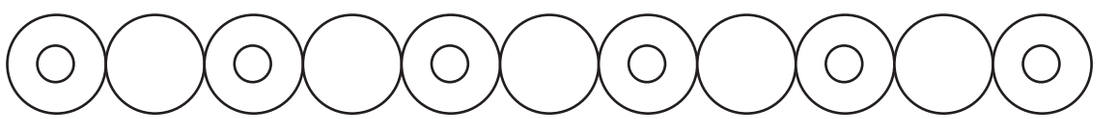




Khuphela iipatheni.







Teacher:

Sign:

Date:

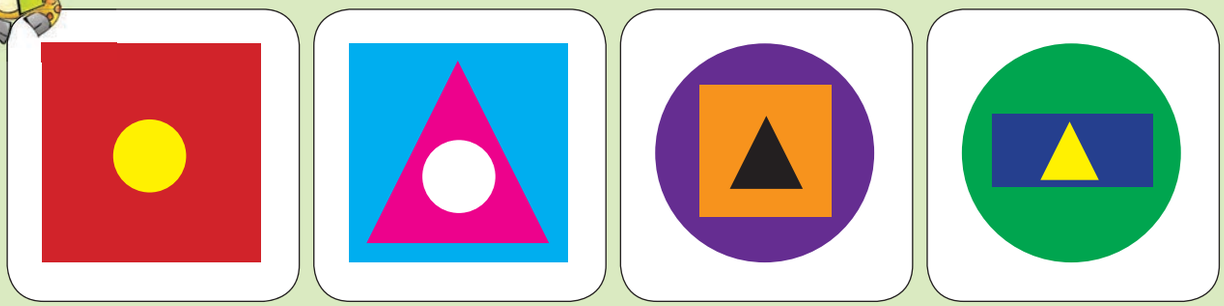
11 12 13 14 15 16 17 18 19 20

28

Umhla:

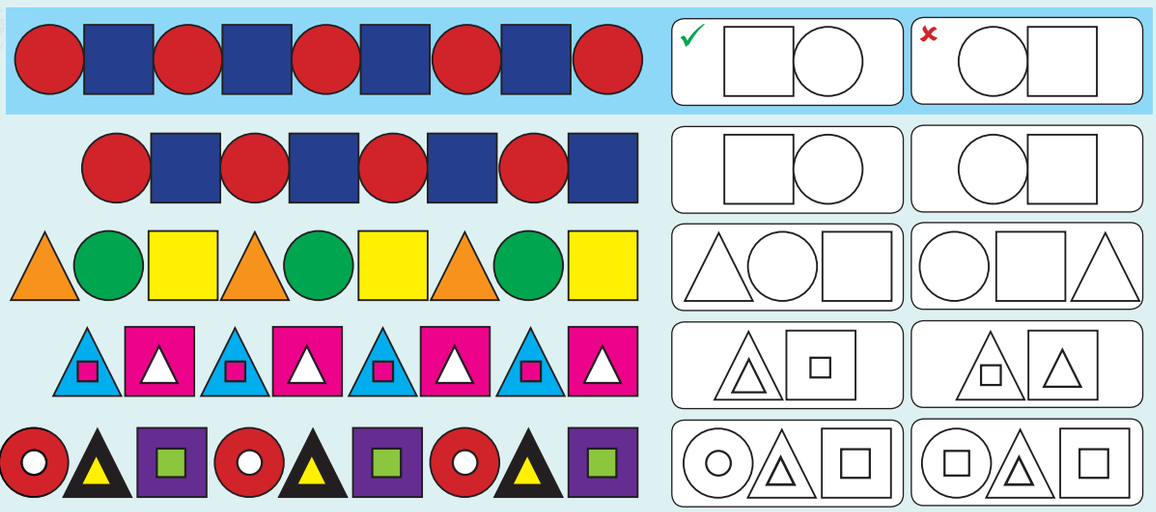
Ezinye iipatheni

1 Chaza ipatheni nganye ngamagama. La magama alandelayo angakunceda.

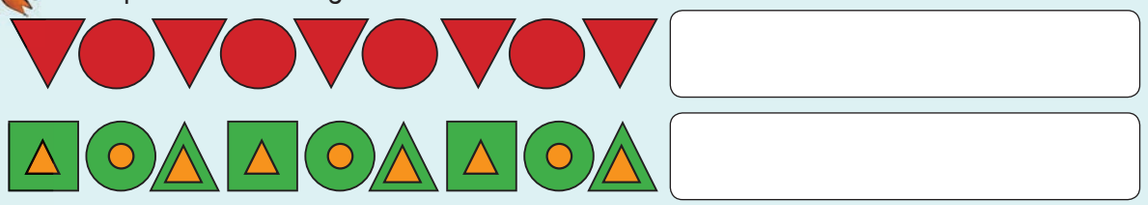


irekthengile | isikwere | unxantathu | isangqa | imibala

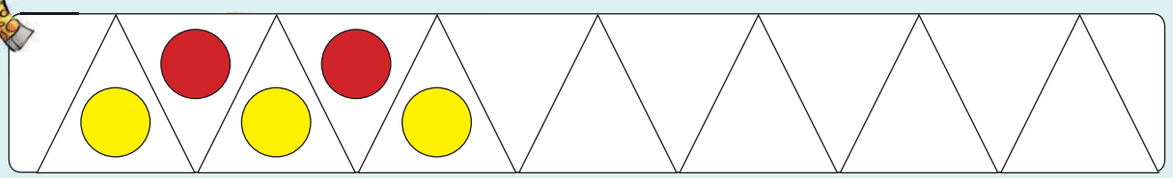
2 Khetha ipatheni elandelayo uze uyifakele umbala.



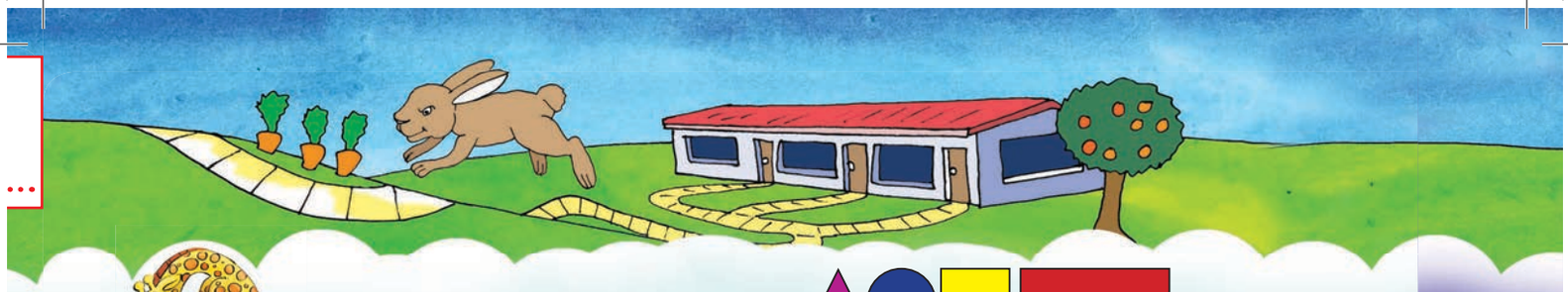
3 Zoba ipatheni elandelayo.



4 Yandisa ipatheni.

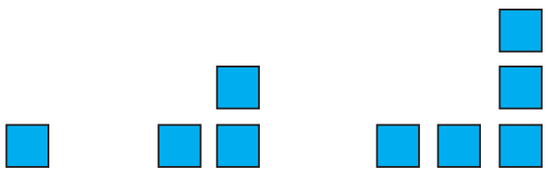


1 2 3 4 5 6 7 8 9 10



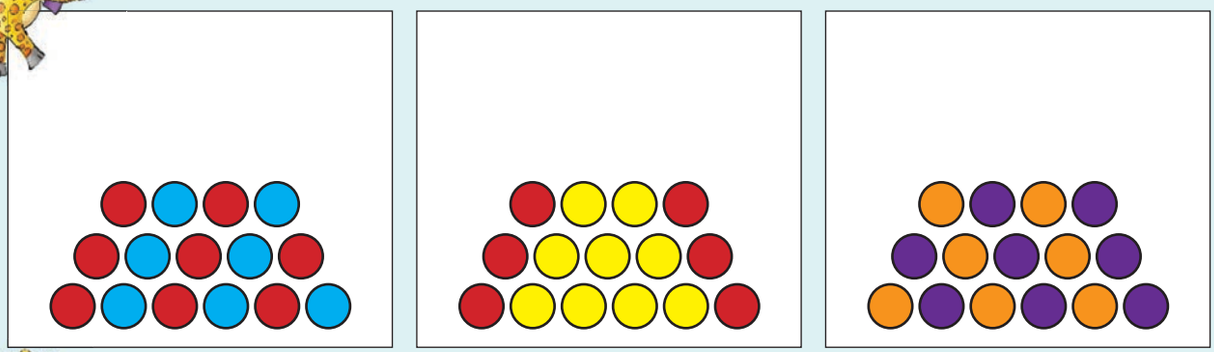
5 Zoba iipatheni zakho usebenzise ezi milo  .

6 Zoba ipatheni elandelayo.

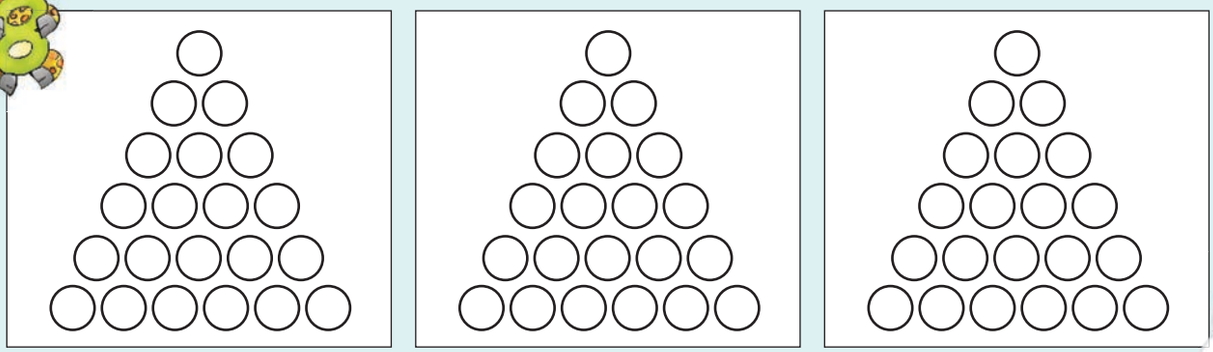




7 Qaqbezela ezi patheni zilandelayo ude usalelwe sisangqa esinye kuphela ngaphezulu.



8 Zenzele iipatheni ezinemibala usebenzise ezi milo zingezantsi.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

29

Umhla: .....

Ukuphinda-phinda: × 2

Zingaphi iilekese eziphezu kwetafile nganye?



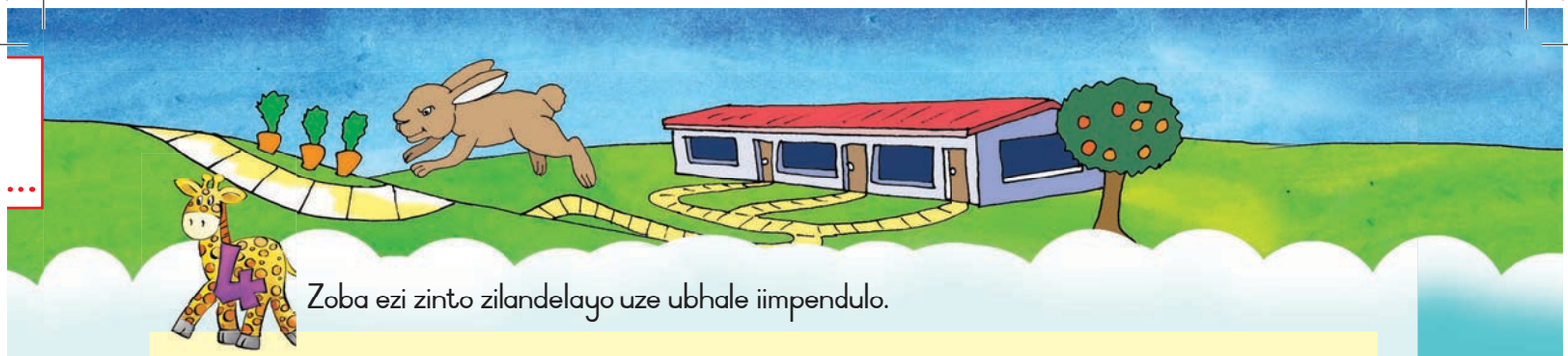
Uzibale njani iilekese? (Abanye abantwana bangathi 1, 2, 3... abanye bathi 2, 4, 6...)

Gqibezela oku kulandelayo: Sesikwenzele eyokuqala.

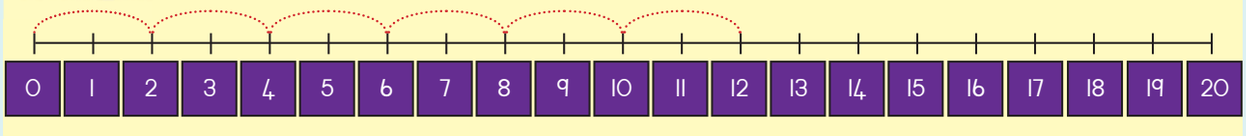
amaqela ama-4 ezi-2	2 + 2 + 2 + 2 = 8	4 × 2 = 8
amaqela ama-5 ezi-2	2 + 2 + 2 + 2 + 2 =	5 × 2 =
amaqela ama-6 ezi-2	2 + 2 + 2 + 2 + 2 + 2 =	6 × 2 =
amaqela asi-7 ezi-2	2 + 2 + 2 + 2 + 2 + 2 + 2 =	7 × 2 =
amaqela asi-8 ezi-2	2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =	8 × 2 =

Zoba oku kulandelayo.

amaqela ama-3 ezi-2	amaqela ama-4 ezi-2	amaqela ali-9 ezi-2



Zoba ezi zinto zilandelayo uze ubhale iimpendulo.



2, 4, 6, 8, ___ , ___

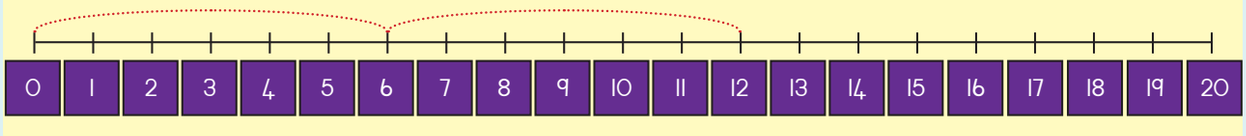
2 + 2 + 2 + 2 + 2 + 2 = ☐

amaqela ama-6 ezi-2 = ☐

6 × 2 = ☐

Umfanekiso





6, ___

6 + ☐ = ☐

amaqela ama-2 ezi- ☐ = ☐

2 × ☐ = ☐

Umfanekiso

Isigcawu sinamehlo ama-2. Zinamehlo amangaphi izigcawu ezisi-7?

☐

2 4 6 8 10 12 14

16 18 20 22 24 26

Teacher:

Sign:

Date:

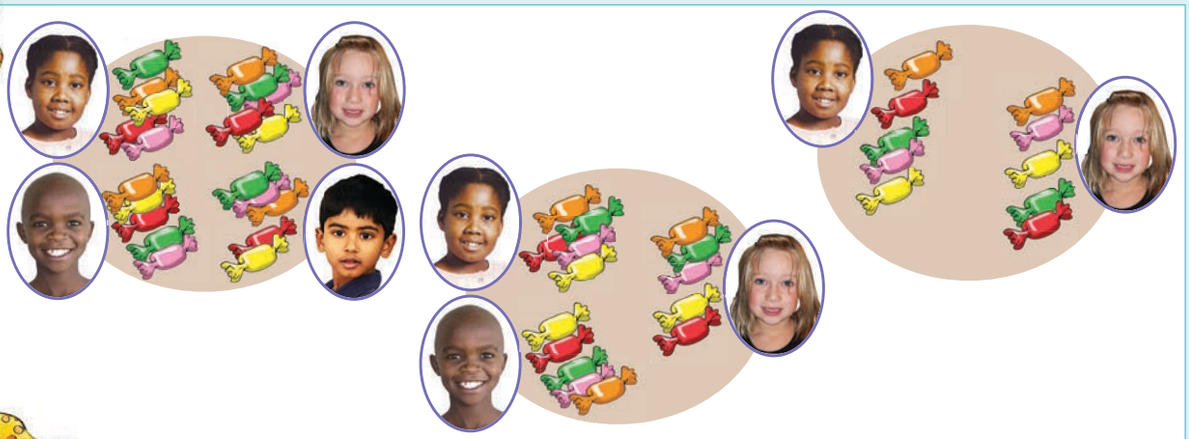
11 12 13 14 15 16 17 18 19 20

30

Umhla: .....

Ukuphinda-phinda: × 5

1 Zingaphi iilekese eziphezu kwetafile nganye?

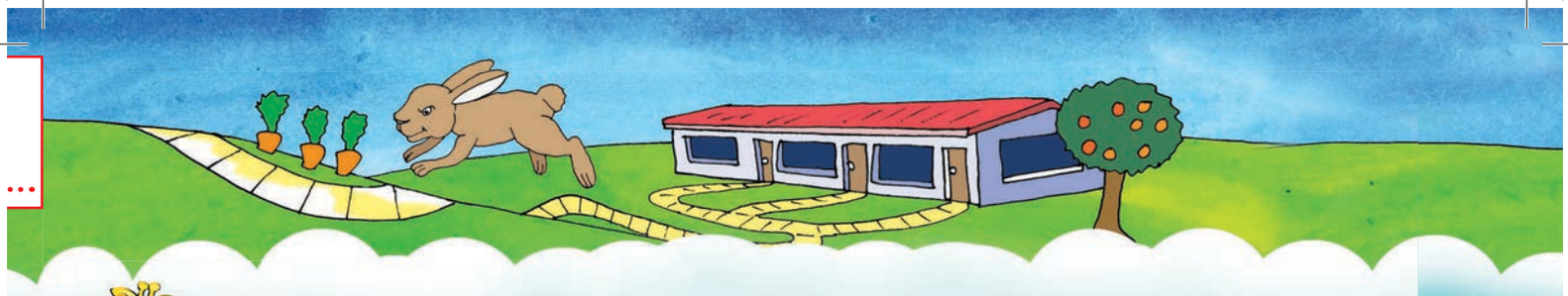


2 Gqibezela oku kulandelayo: Sesikwenzele eyokuqala.

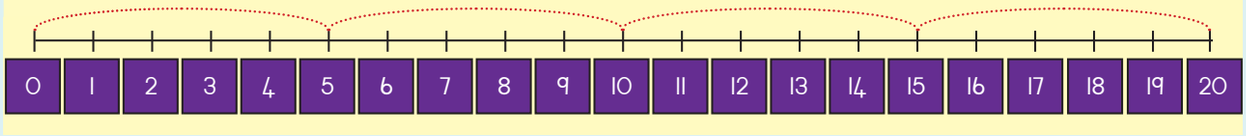
amaqela ama-3 ezi-5	5 + 5 + 5 = 15	3 × 5 = 15
amaqela ama-2 ezi-5	5 + 5 =	2 × 5 =
amaqela ama-4 ezi-5	5 + 5 + 5 + 5 =	4 × 5 =
amaqela ama-6 ezi-5	5 + 5 + 5 + 5 + 5 + 5 =	6 × 5 =
amaqela asi-7 ezi-5	5 + 5 + 5 + 5 + 5 + 5 + 5 =	7 × 5 =

3 Zoba umfanekiso woku.

amaqela ama-3 ezi-5	amaqela ama-4 ezi-5	amaqela ama-5 ezi-5







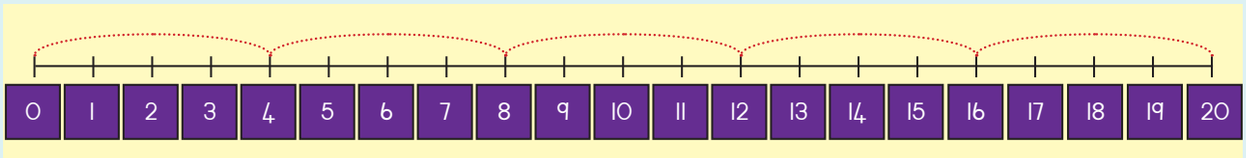
5, 10, 15, ___

5 + 5 + 5 + 5 = ☐

amaqela ama-4 ezi-5 = ☐

4 × 5 = ☐

Umfanekiso



4, 8, 12, ___, ___

4 + 4 + 4 + 4 + 4 = ☐

amaqela ama-5 ezi-4 = ☐

5 × 4 = ☐

Umfanekiso



5 10 15 20 25 30

35 40 45 50



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

31

Umhla:

Amabali ophindaphindo

Yenza ibali lakho usebenzise inani leendlebe, izandla neenyawo.

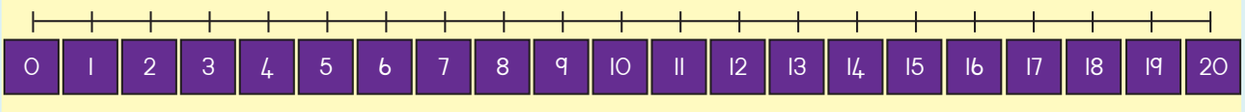


Singabahlobo abali-10. Zingaphi izandla esinazo?

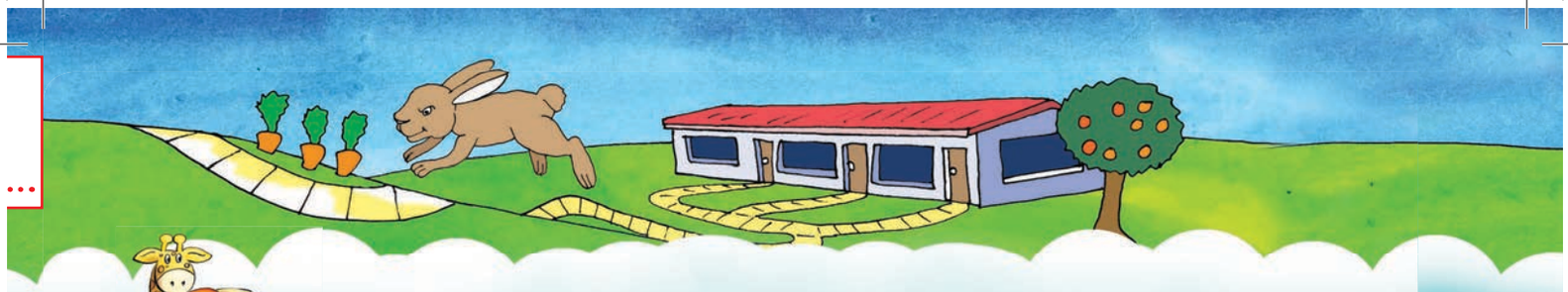
Zoba umfanekiso.

Bonisa impendulo yakho ngezibalisi.

Bonisa impendulo yakho kumgca-manani.



____ + ____ = ____ ____ × ____ = ____



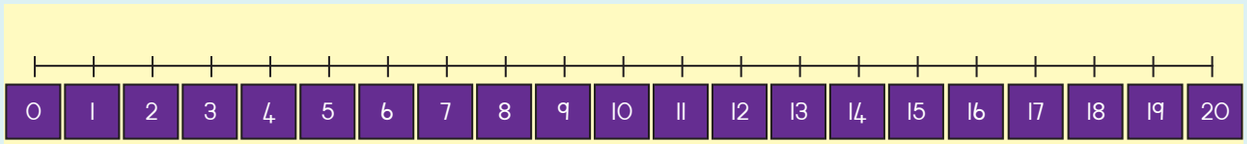


Usapho lwakuloGugu lunezibini ezili-10 zezihlangu. Zingaphi izihlangu zabo zizonke?

Zoba umfanekiso.

Bonisa impendulo yakho ngezibalisi.

Bonisa impendulo yakho kumgca-manani.





___ + ___ = ___ ___ × ___ = ___

Bhala ibali lakho usebenzise abantwana aba-6 nezandla zabo.



5 10 15 20 25 30 35



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

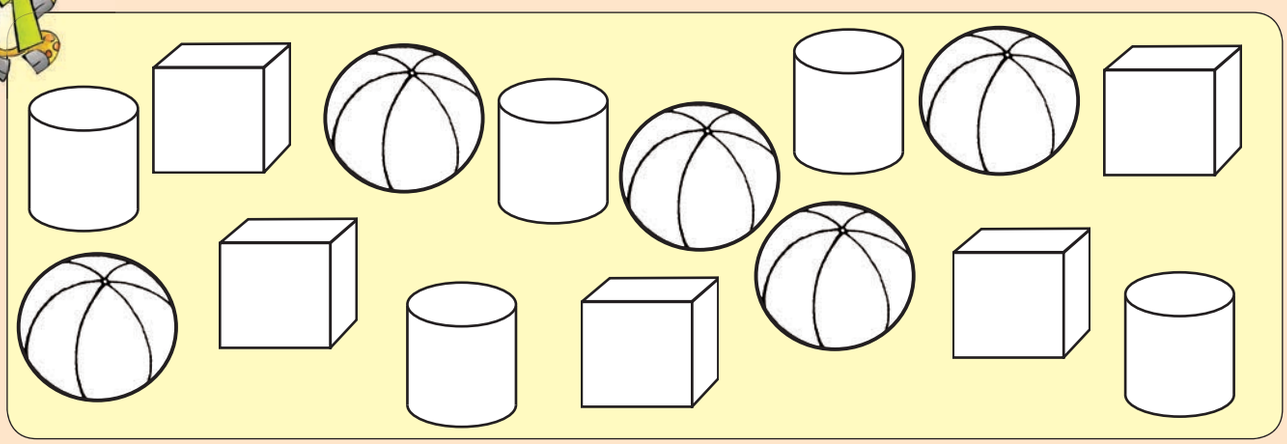
32

Umhla:

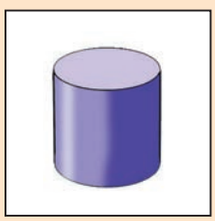
Izinto ezinemilinganiselo emi-3 (3D)



Fakela imibala ebomvu kwiibhola zonke, iibhokisi zibe zuba ukuze iisilinda zibe luhlaza.

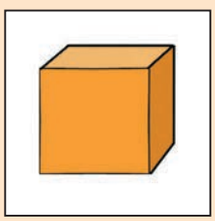


Khetha igama elichanekileyo.



isiphelo esithe tye

isiphelo esigobileyo



isiphelo esithe tye

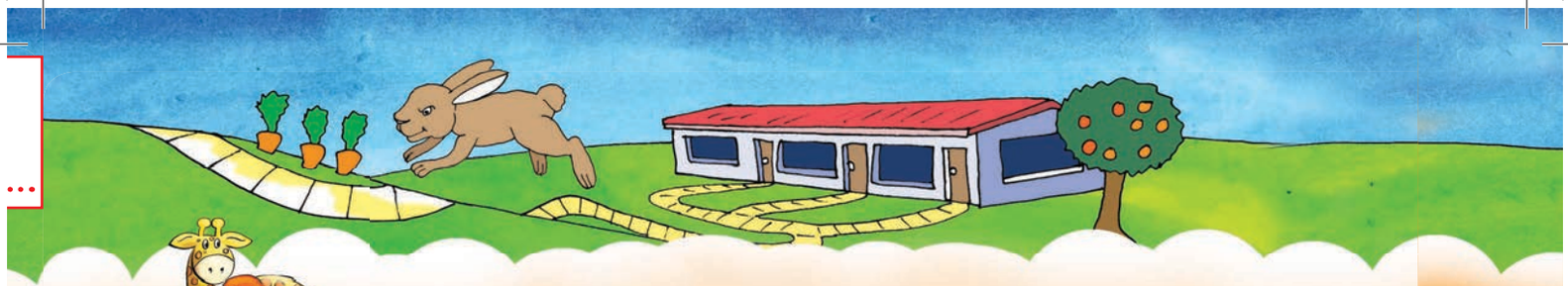
isiphelo esigobileyo



isiphelo esithe tye

isiphelo esigobileyo

1 2 3 4 5 6 7 8 9 10

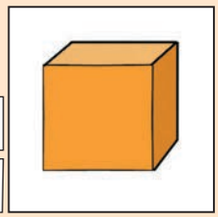


Ingaba le nto ingaqengqeleka okanye ingatyibilika.



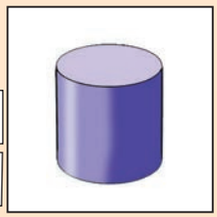
iyaqengqeleka

iyatyibilika



iyaqengqeleka

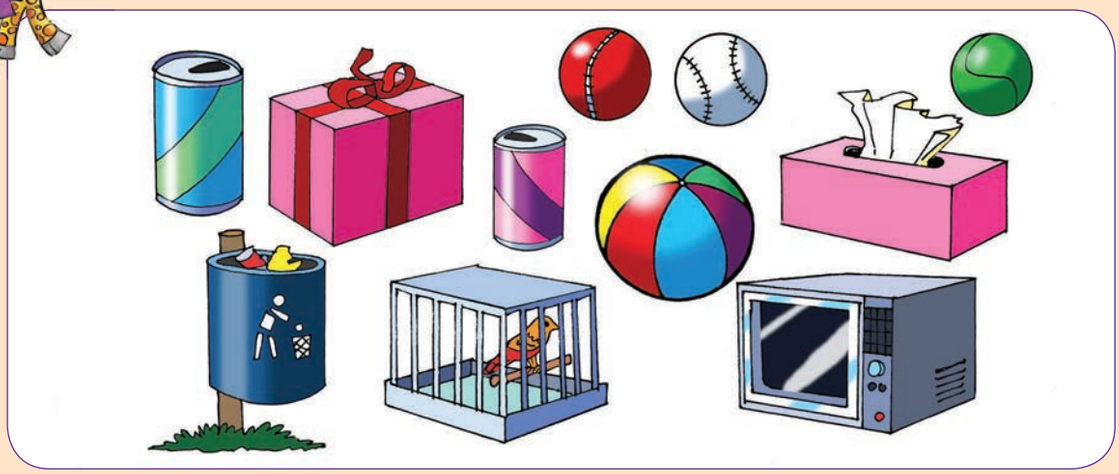
iyatyibilika

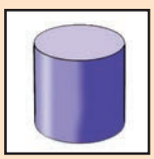


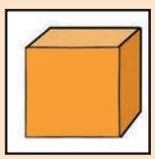
iyaqengqeleka

iyatyibilika

Zingaphi izinto ozibonayo kulo mfanekiso: iisilinda, iibhokisi, iibhola?

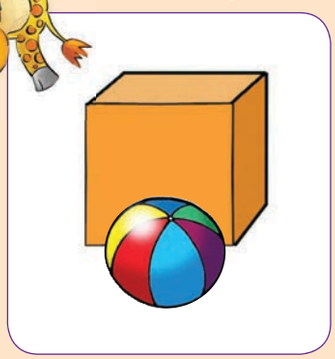






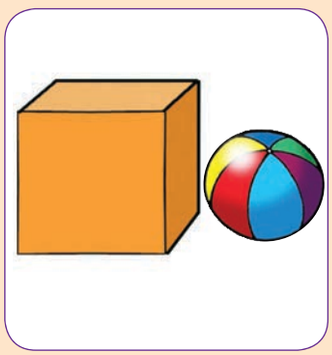


Iphi ibhola? Iphambi kwebhokisi? Isecaleni? Ingasemva? Ingaphezulu?



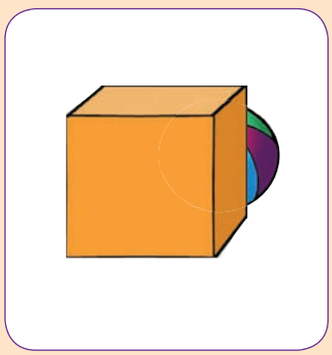
Ngaphambili __ ecaleni __

ngasemva __ ngaphezulu __



Ngaphambili __ ecaleni __

ngasemva __ ngaphezulu __



Ngaphambili __ ecaleni __

ngasemva __ ngaphezulu __

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

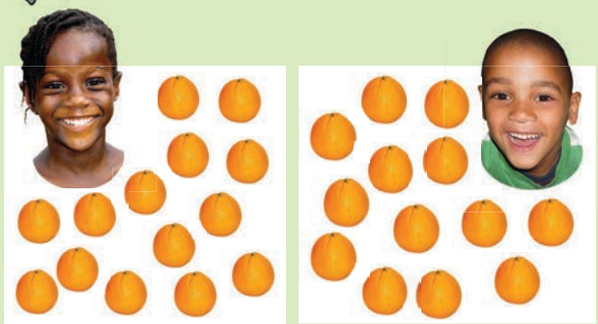
33

Umhla:

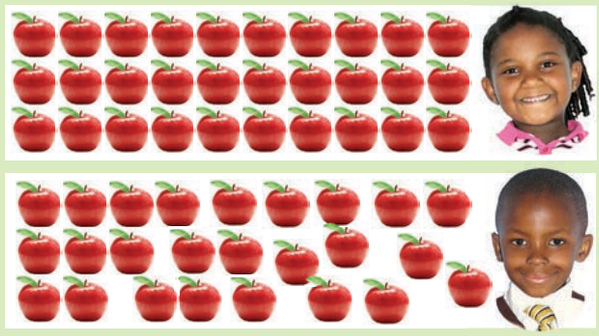
Lungisa uze uthelekise amanani: 1 – 40

1

Ngubani onamaorenji amaninzi?



Ngubani onama-apile amaninzi?



2

Bala amaso uze ufakele kwiibhokisi ezingenanto.

1	2	3	4	5		7			10
	12				16		18		
21				25	26				30
31					36				40

3

Jonga amaso uze uphendule imibuzo.

Leliphi inani elingaphantsi kunesi-8? ☐

Leliphi inani elingaphezulu kune-13? ☐

Leliphi inani elingaphantsi kunama-20? ☐

Leliphi inani elingaphantsi kunama-24? ☐

1 2 3 4 5 6 7 8 9 10



Faka umbala ozuba kumanani angaphantsi kwe-10 uze ufake umbala obomvu kumanani angaphezu kwe-10.

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

Faka umbala oluhlaza kumanani angaphantsi kwama-30 kodwa engaphezu kwama-24.

20	21	22	23	24	25	26	27	28	29	30

Faka umbala omthubi kumanani amancinane kunama-40 namakhulu kunama-36.

30	31	32	33	34	35	36	37	38	39	40

Faka umbala omthubi koonombini uze ufake umbala oluhlaza kumanani ayiminqakathi.

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

Leliphi inani elingumnqakathi elilandela i-10?

Leliphi inani elingunombini eliza phambi kwe-10?

Bhala phantsi amanani angoonombini aphakathi kwe-14 nama-24.

Bhala phantsi amanani ayiminqakathi aphakathi kwesi-5 kunye ne-15.

Leliphi inani elingumnqakathi eliza emva kwama-21?

Leliphi inani elingunombini eliphambi kwama-24?

Bhala phantsi oonombini abaphakathi kwama-20 kunye nama-30.

Bhala amanani ayiminqakathi aphakathi kwama-20 kunye nama-30.

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

34

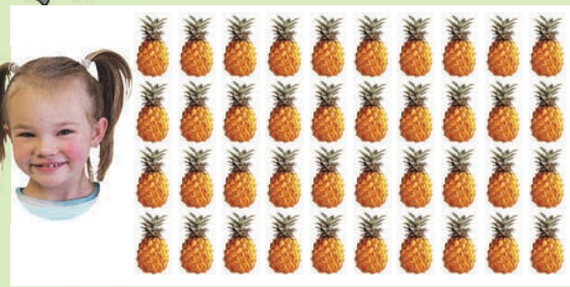
Umhla: .....

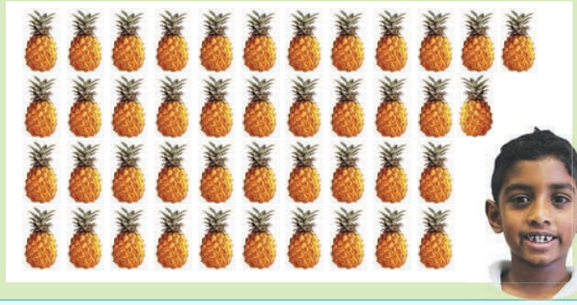
Lungisa uze uthelekise amanani: 40 – 50

1

Ngubani onamapayina amaninzi?







2

Bala amaso uze uzalise iibhokisi ezingenanto.

1	2	3	4	5					
								19	
							28		

	32								
									50
51	52	53	54	55	56	57	58	59	60

3

Jonga kula maso uze uphendule imibuzo.

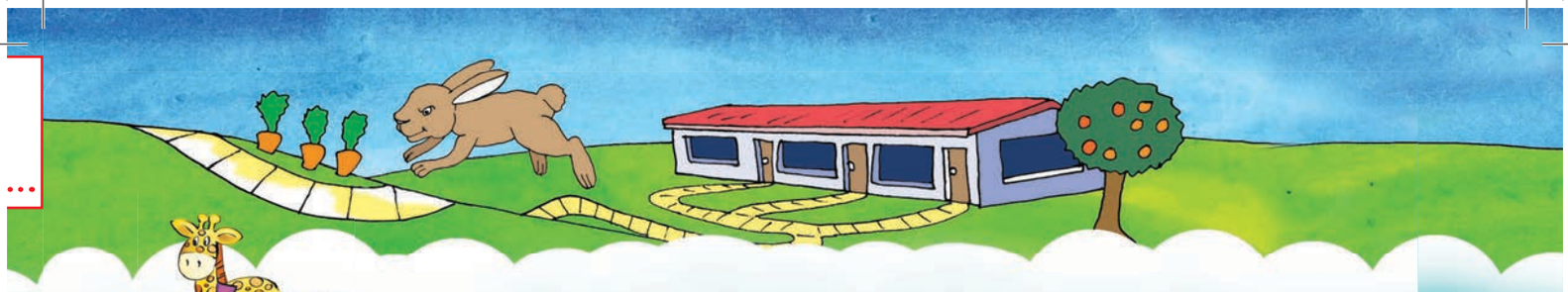
Leliphi inani elincinane kunama-30? ☐

Leliphi inani elikhulu kumana-31? ☐

Leliphi inani elincinane kunama-38? ☐

Leliphi inani elincinane kunama-47? ☐

1 2 3 4 5 6 7 8 9 10



Fakela umbala oluhlaza kumanani angaphantsi kwama-40 nangaphezu kwama-36.

30	31	32	33	34	35	36	37	38	39	40

Amanani amancinane kunama-40.

Amanani amakhulu kunama-36.

Faka umbala omthubi koonombini ufake umbala oluhlaza kumanani ayiminqakathi.

40	41	42	43	44	45	46	47	48	49	50

Leliphi inani elingumnqakathi eliza emva kwama-40?

Leliphi inani elingunombini eliza phambi kwama-43?

Bhala phantsi amanani angoonombini aphakathi kwama-40 nama-50?

Bhala phantsi amanani ayiminqakathi aphakathi kwama-40 nama-50?

Leliphi inani elingunombini eliza emva kwama-40?

Leliphi inani elingunombini eliza phambi kwama-41?

Teacher:

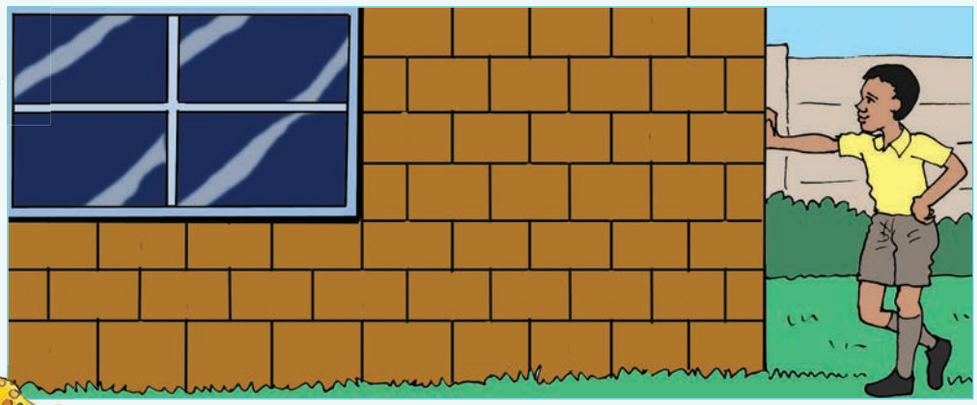
Sign:

Date:

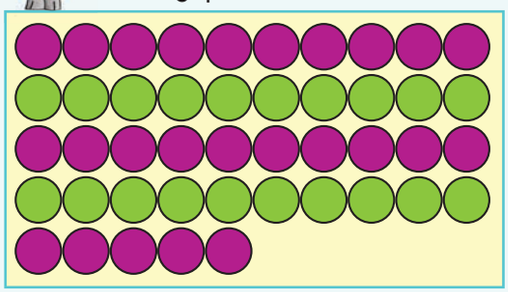
35

Umhla: .....

Amanani 40 – 50



Mangaphi ewonke la maso?

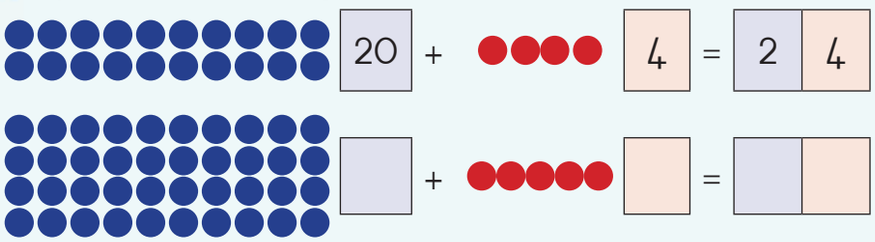


Inani	Singalibhala ngolu hlobo.	Inani	Singalibhala ngolu hlobo.
45	40 + 5 = 45		+ =

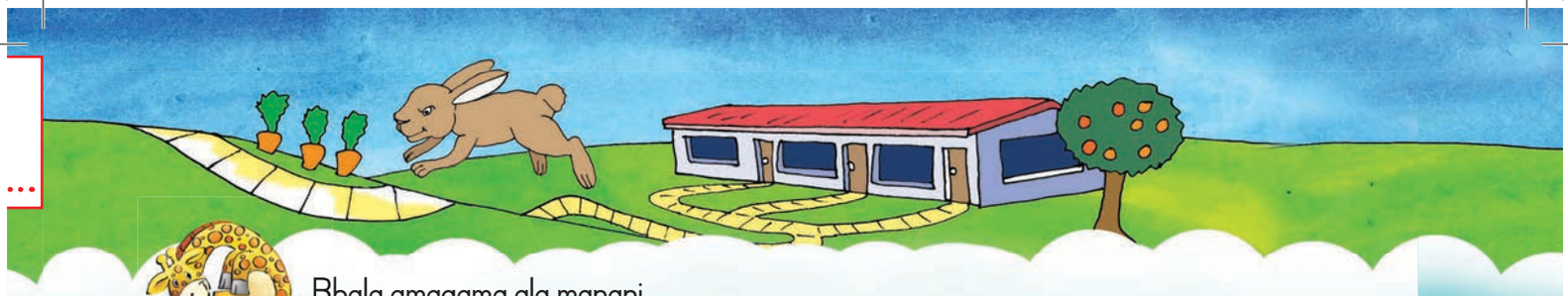
Gqibezela oku kulandelayo.

20	21	22							
30				34					
		42							

Gqibezela oku kulandelayo.



1 2 3 4 5 6 7 8 9 10



5 Bhala amagama ala manani.

41	_____	42	_____
43	_____	44	_____
45	_____	46	_____
47	_____	48	_____
49	_____	50	_____

6 Jonga kumzekelo wokuqala ugqibezele okuseleyo.

45	=	4	amashumi +	5	imivo		
43	=		amashumi +		imivo		
42	=		amashumi +		imivo		

44	=		amashumi +		imivo
41	=		amashumi +		umvo
48	=		amashumi +		imivo

7 Bhala inani elichanekileyo kwikholamu echanekileyo.

	Amashumi	Imivo
27		
34		
46		
41		
39		

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

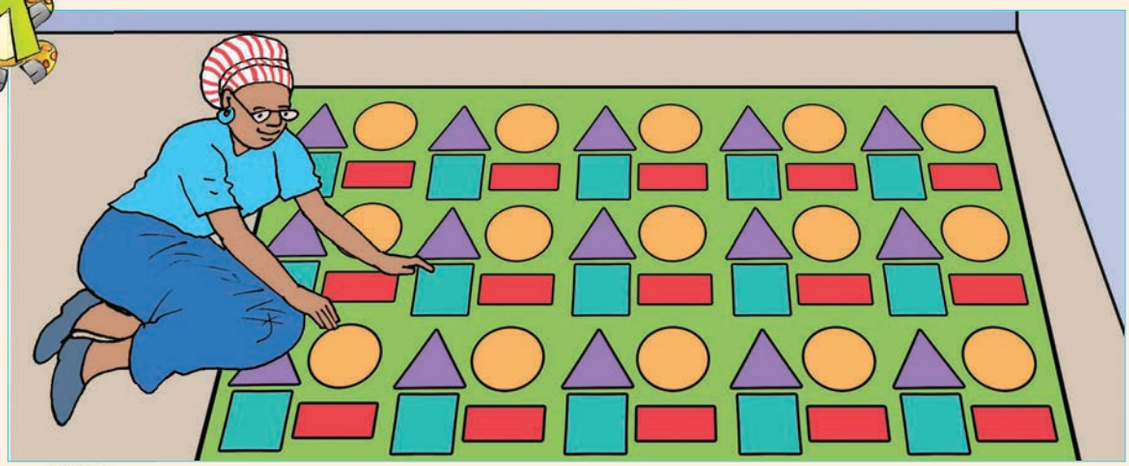
Umhla:

.....

Izikwere, irekthengile, oonxantathu kunye nezangqa

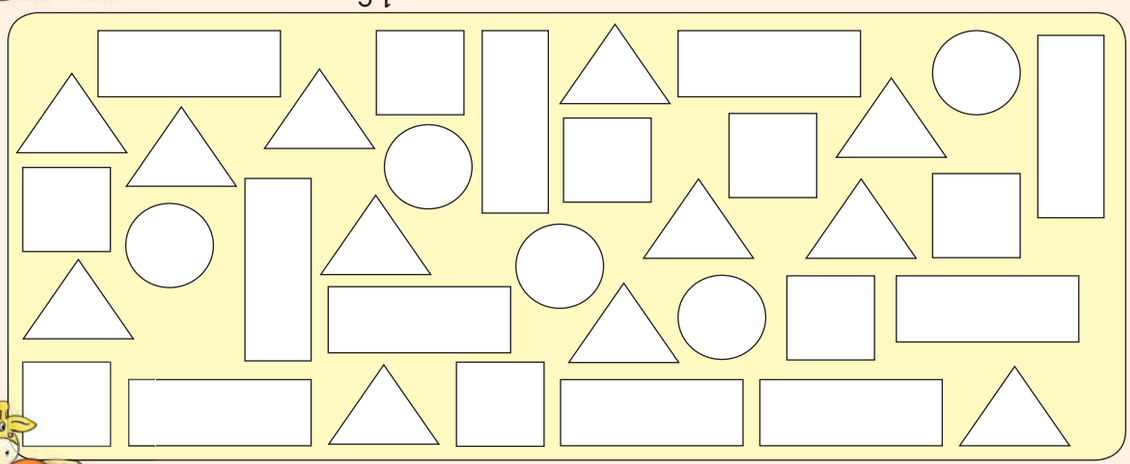
1

Umakhulu wenze le ngutyana intle. Phawula zonke iimilo ozibonayo kule ngutyana.



2

Fakela umbala ozuba kwizikwere, omthubi kwirekthengile, oluhlaza koonxantathu nobomvu kwizangqa.



3

Khetha impendulo echanekileyo uze uyifakele umbala.



isiphelo esithe tye

isiphelo esigobileyo



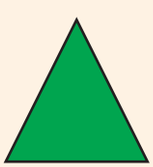
isiphelo esithe tye

isiphelo esigobileyo



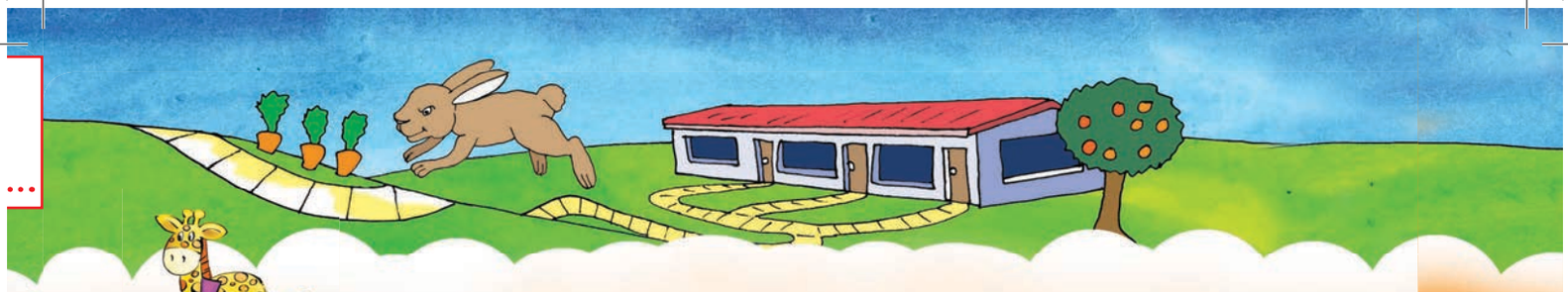
isiphelo esithe tye

isiphelo esigobileyo



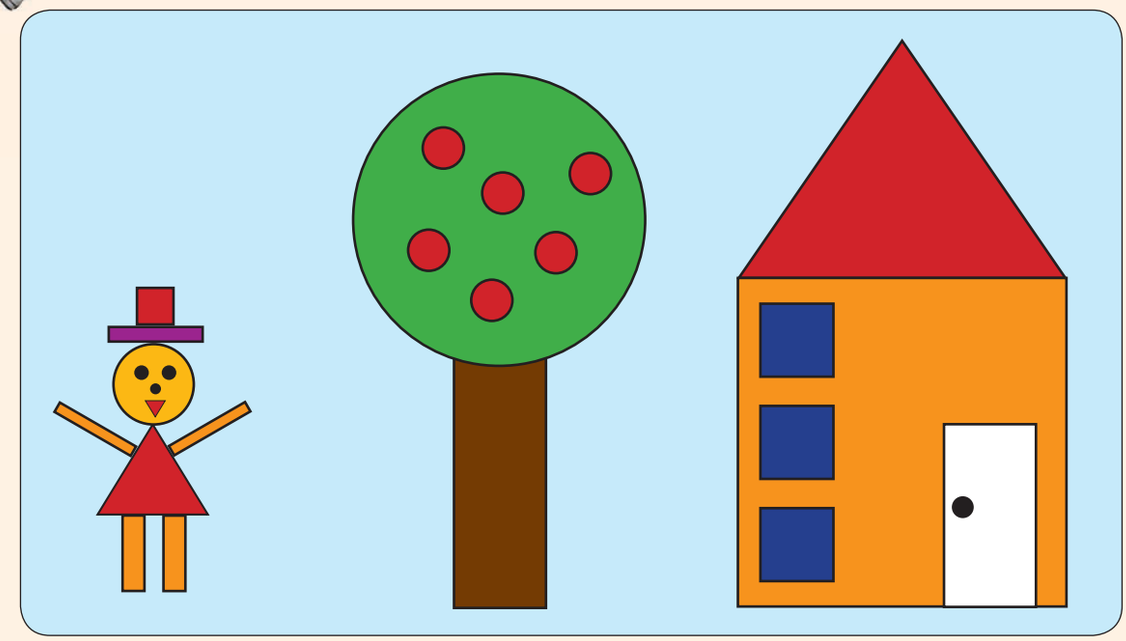
isiphelo esithe tye

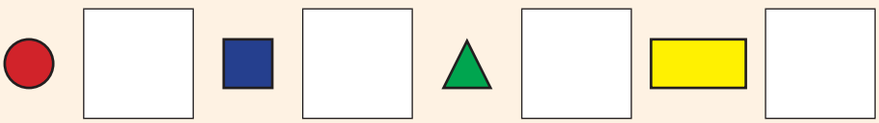
isiphelo esigobileyo





Bala ukuba zingaphi ezi milo .







Zoba umfanekiso wakho usebenzise izangqa, izikwere, oonxantathu kunye neerekthengile.

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

37

Umhla:

.....

Ukudibanisa nokuthabatha ufikelele kuma-20

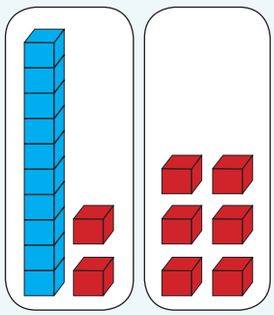


Ukuzikhumbuza ngokukhawuleza.

4 + 5 − 1 =	13 − 9 + 2 =	20 − 7 + 1 =	10 + 5 − 4 =
10 + 3 + 2 =	9 + 3 − 2 =	8 − 2 − 1 =	13 − 8 + 1 =
9 − 4 − 3 =	18 − 9 − 4 =	7 + 8 + 1 =	16 − 7 + 3 =
14 − 6 + 4 =	12 − 5 − 2 =	19 − 10 + 5 =	6 + 5 − 3 =



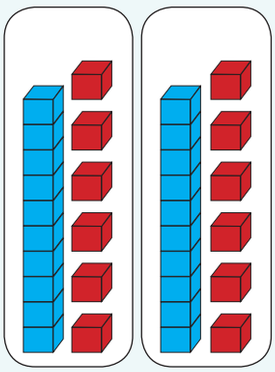
Dibanisa oku kulandelayo.



= 10 2 + 6

= 10 + 8

= 18

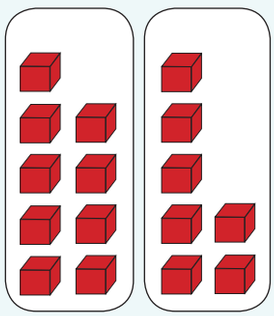


= + +

= + +

= +

=

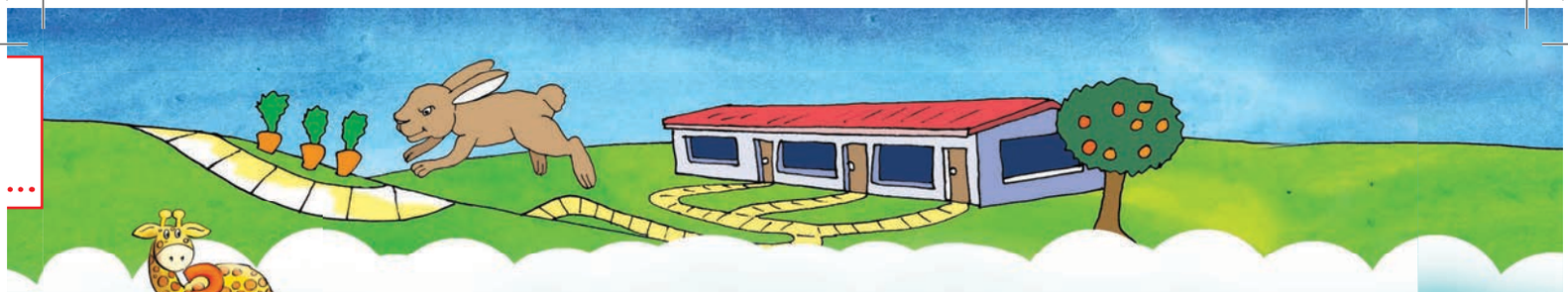


= +

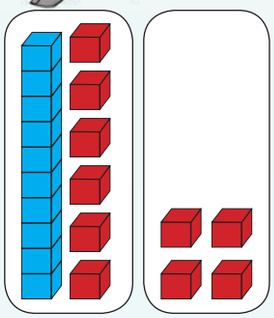
= +

=

1 2 3 4 5 6 7 8 9 10



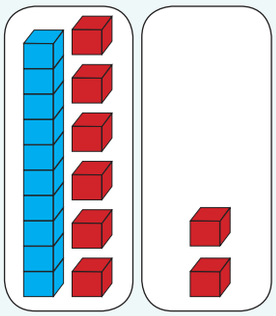
Thabatha oku kulandelayo.



= 10 6 − 4

= 10 − 2

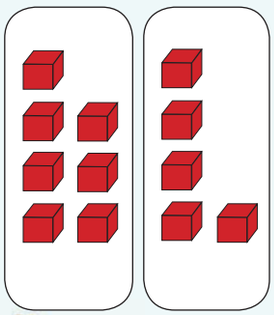
= 8



= □ □ − □ □

= □ + □

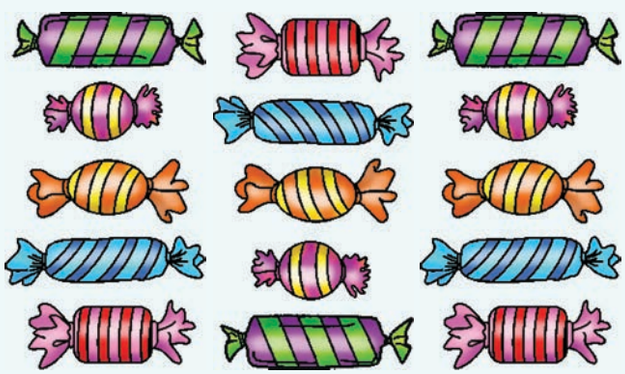
= □



= □ − □

= □

Ndithenge iilekese ezili-15.
Ndatya za-2. Ndanika umhlobo wam ezi-4. Ndishiyekelwe ziilekese ezingaphi?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

38



Umhla: .....

Ukudibanisa nokuthabatha ufikelele kuma-50

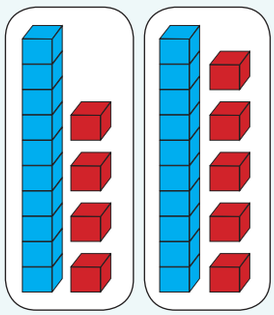


Ukuzikhumbuza ngokukhawuleza.

20 + 2 − 1 =	36 − 6 + 2 =	42 − 2 + 4 =	47 + 4 − 1 =
30 + 3 + 6 =	42 + 9 − 1 =	33 − 2 − 1 =	49 − 1 + 2 =
55 − 5 − 0 =	38 − 7 − 1 =	45 + 1 + 2 =	50 − 5 + 3 =
24 − 3 + 2 =	32 − 5 − 2 =	49 − 10 + 1 =	29 + 5 − 4 =



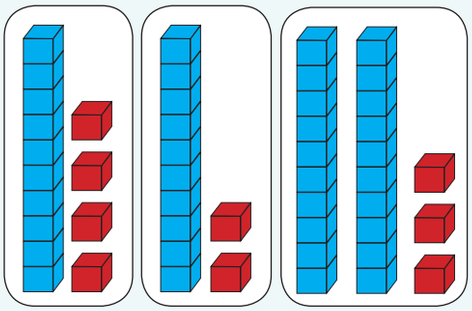
Dibanisa oku kulandelayo.



= □ □ + □ □

= □ □ + □

= □



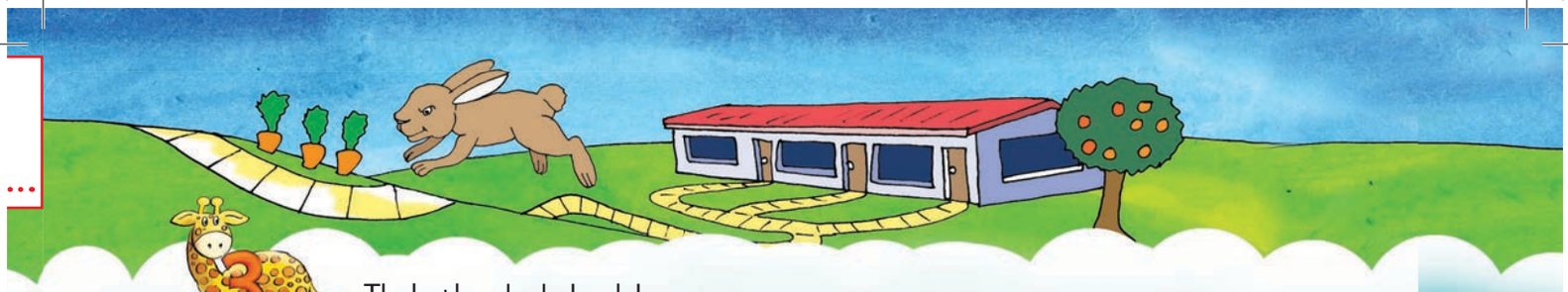
= □ □ + □ □ + □ □

= □ □ + □

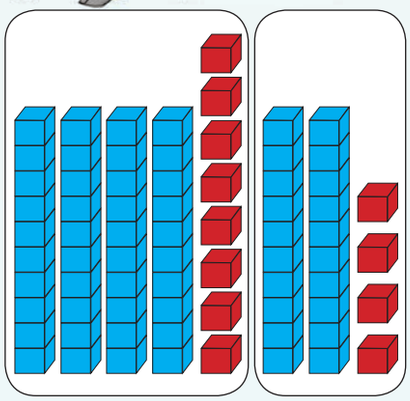
= □

Khawuzame ngeyakho indlela.





Thabatha oku kulandelayo.

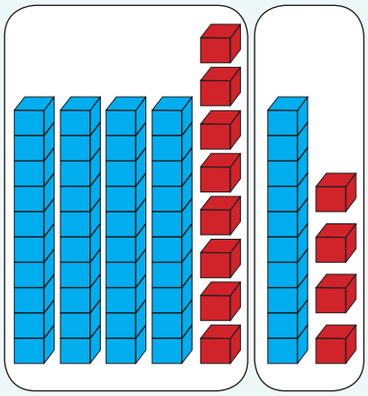


= 40 8 − 20 4

= 40 − 20 + 8 − 4

= 20 + 4

= 24

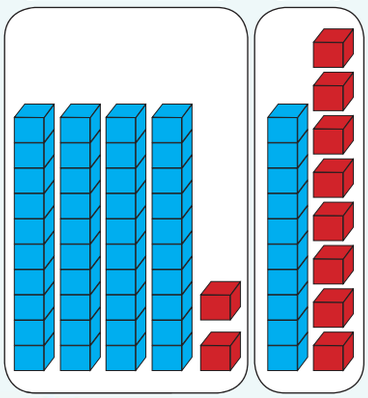


= ☐ ☐ − ☐ ☐

= ☐ − ☐ + ☐ − ☐

= ☐ + ☐

= ☐



= ☐ ☐ − ☐ ☐

= ☐ − ☐ + ☐ − ☐

= ☐ − ☐

= ☐



Ndine-R10 eliphepha, ingqekembe yee-R5, ama-R20 emali eliphepha kunye nengqekembe yee-R2 kwihagwana yam.Yimalini iyonke imali endiyigcinileyo.



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

39a

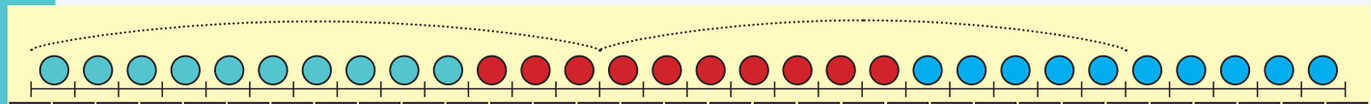
Umhla:

Okunye ukudibanisa

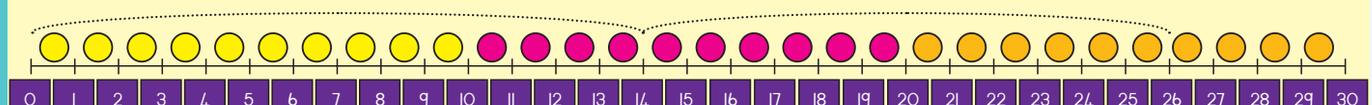
Dibanisa amanani akwibloko nganye uze ubhale isiphumo.

1 10 5 10	2 10 6 20	3 20 5 20	4 20 4 10

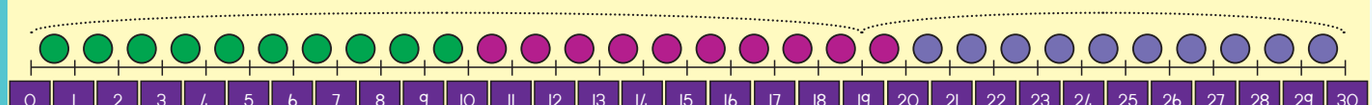
Dibanisa.



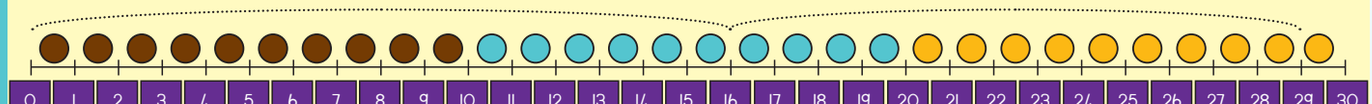
13 + 12 = ☐



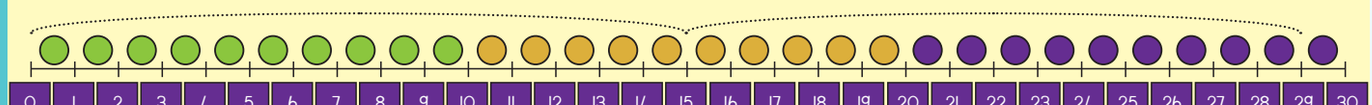
14 + 12 = ☐



19 + 11 = ☐

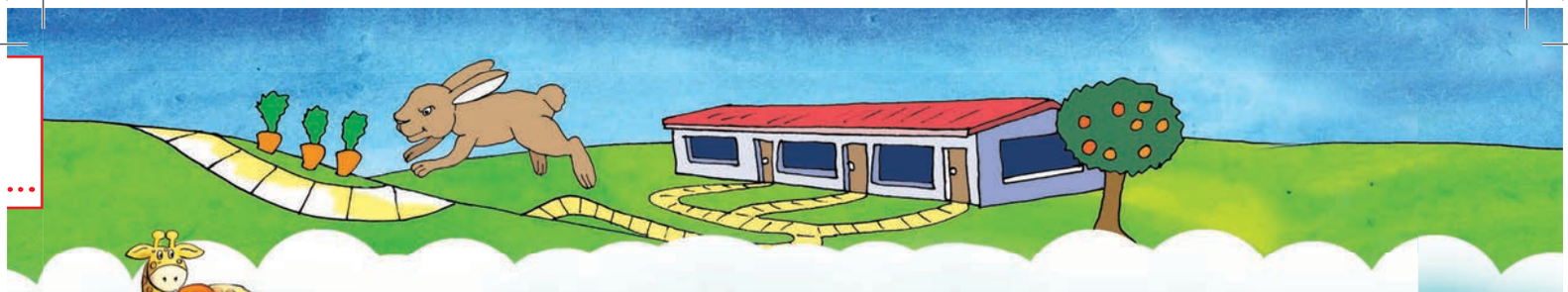


16 + 13 = ☐



15 + 14 = ☐

1 2 3 4 5 6 7 8 9 10



Dibanisa.

12 + 11

= 10 2 + 10 1

= 10 + 10 + 2 + 1

= 20 + 3

= 23

13 + 15

= + + +

= + + +

= +

=

26 + 12

= + + +

= + + +

= +

=

23 + 22

= + + +

= + + +

= +

=

24 + 13

= + + +

= +

=

35 + 12

= + + +

= +

=



UBetty uthenge iilekese zama-R36 uSipho wathenga eze-R13. Bachithe malini ezilekeseni?

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

39b



Umhla:

Okunye ukudibanisa (kusaqhutywa)



Bhala isiphumo.

12 + 10 = ☐



15 + 10 = ☐

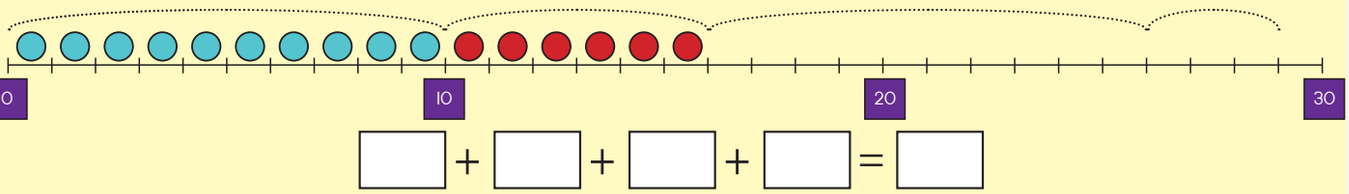


19 + 10 = ☐

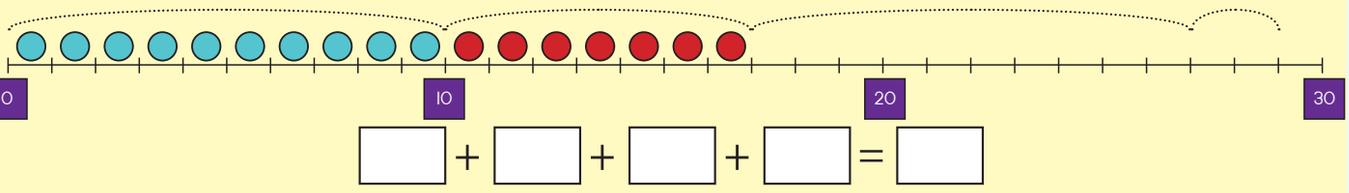




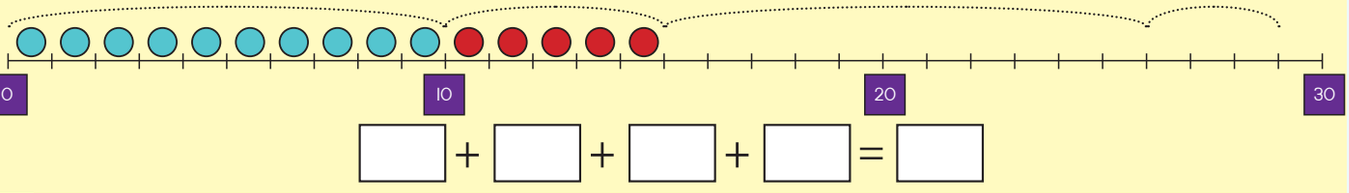
Zoba onke amaso aseleyo uze ugqibezele izibalo.



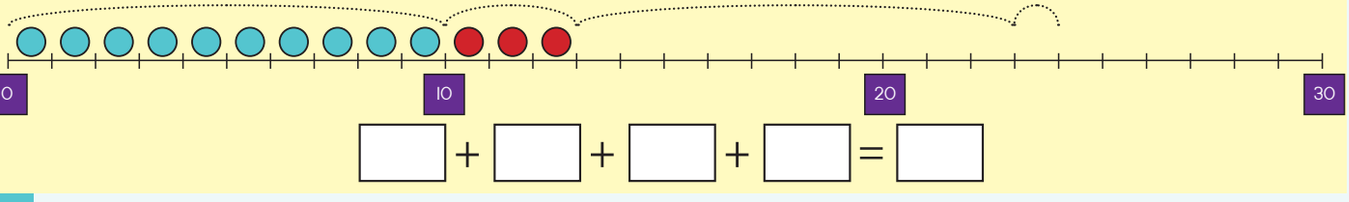
☐ + ☐ + ☐ + ☐ = ☐



☐ + ☐ + ☐ + ☐ = ☐

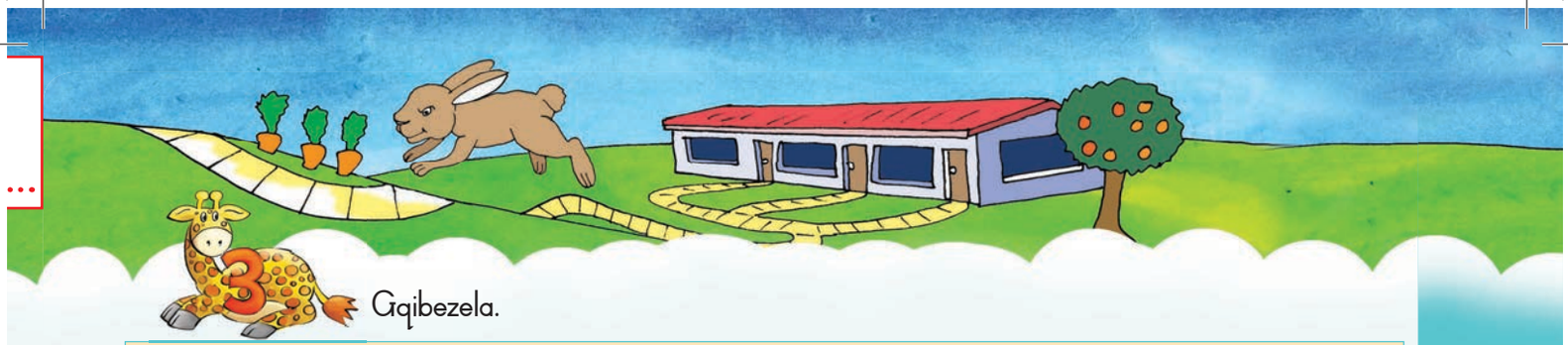


☐ + ☐ + ☐ + ☐ = ☐



☐ + ☐ + ☐ + ☐ = ☐





Gqibezela.

28	+	11	=	2	8	+	10	+	1	=	38	+	1	=	39
34	+	12	=	3	4	+	10	+	2	=		+		=	
23	+	13	=	2	3	+	10	+	3	=		+		=	
35	+	12	=	3	5	+	10	+	2	=		+		=	
26	+	11	=	2	6	+	10	+	1	=		+		=	

Dibanisa.

11 + 10 =	23 + 10 =	36 + 10 =
28 + 10 =	37 + 10 =	12 + 10 =
34 + 10 =	29 + 10 =	15 + 10 =

Sithini isiphumo xa udibanise ama-27 ne-16?
Zoba umfanekiso ubonise impendulo yakho.

Zenzele ezakho izibalo zamagama usebenzise imifanekiso.



Teacher:
Sign:
Date:

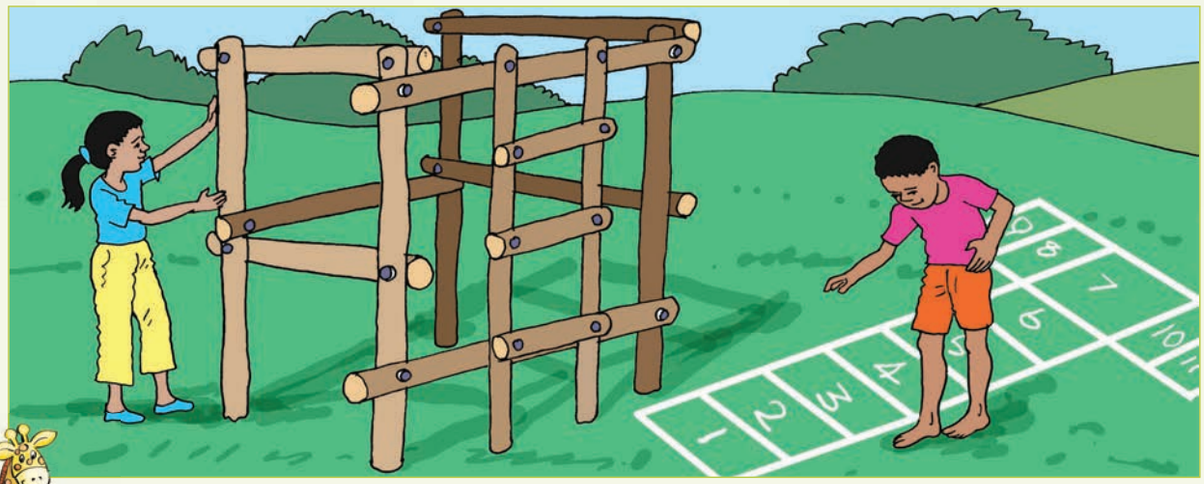
11 12 13 14 15 16 17 18 19 20

40

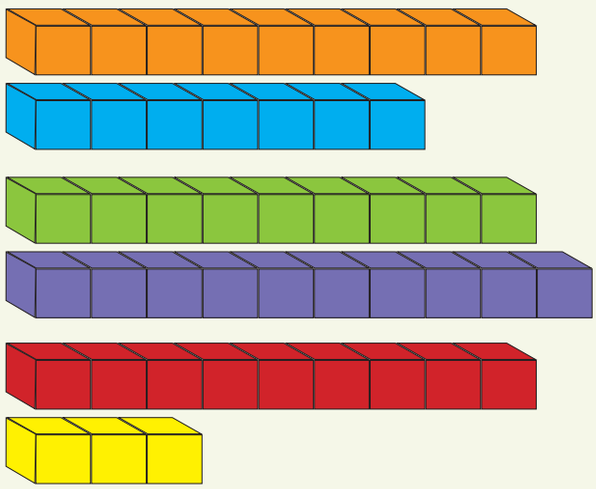
Umhla:

.....

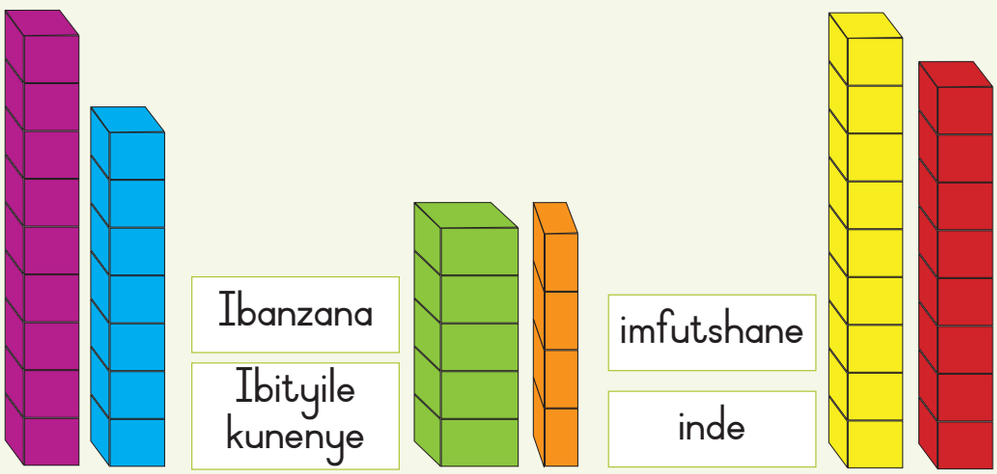
Ubude



Faka umbala kwimpendulo echanekileyo ubonise ukuba ingaba le miqolo neekholamu zimfutshane okanye zinde na, zibanzi okanye zibhityile na. Faka umbala kwimpendulo yakho, ufane nalowo weebloko



imfutshane	inde
imfutshane	inde
imfutshane	inde



imfutshane	Ibanzana	imfutshane
inde	Ibityile kunenye	inde



Bonisa ukuba yeyiphi inkwenkwe ende kunenye. Faka kwiimpendulo umbala ofana nalowo weshoti wenkwenkwe.



mfutshane | mde



mfutshane | mde



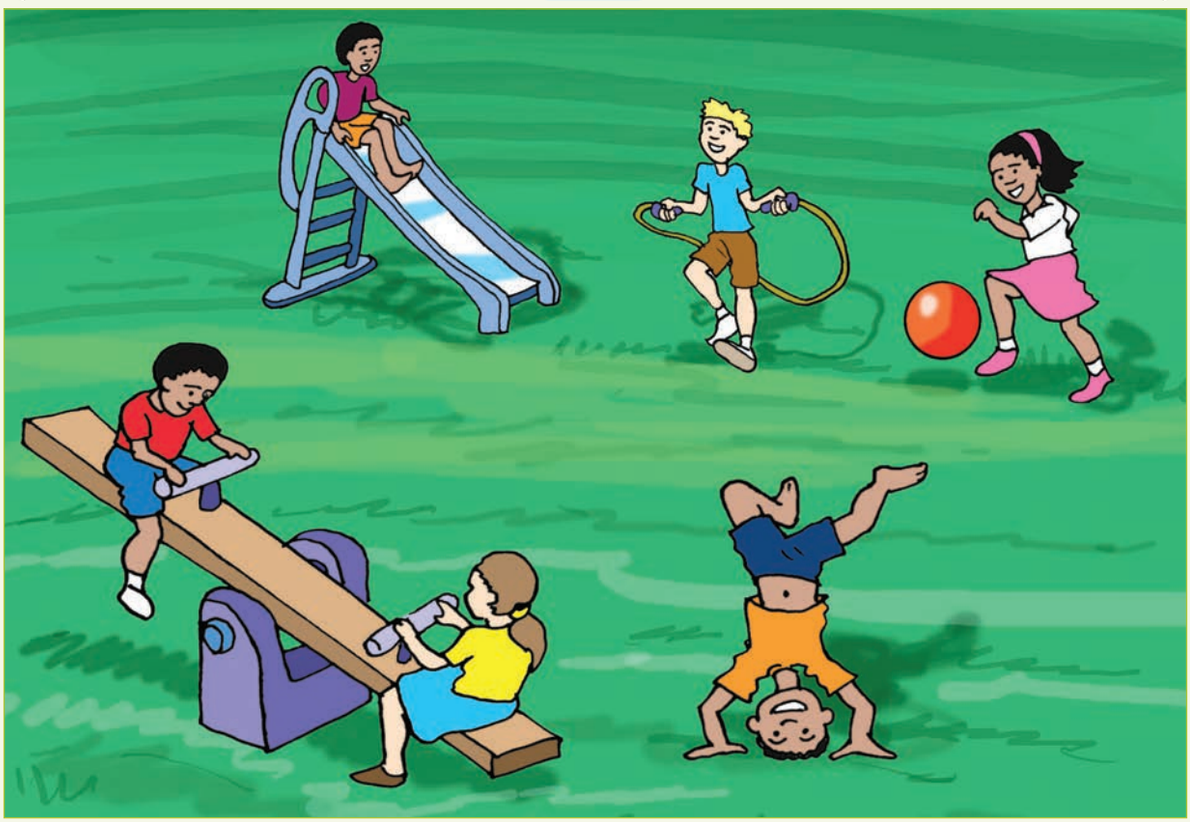
mfutshane | mde

Linganisa amacala ebala lokudlala ngesandla nangonyawo olusike kumsiko woku-1.

Zizandla ezingaphi ubude bebala lokudlala.

Ziinyawo ezingaphi ubude bebala lokudlala.

ubude



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20



Umhla:

41 Ukuthabatha

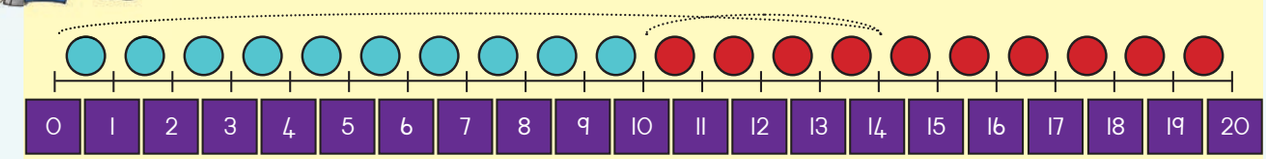


Tshatisa amakhadi kunye nezibalo zokuthabatha.

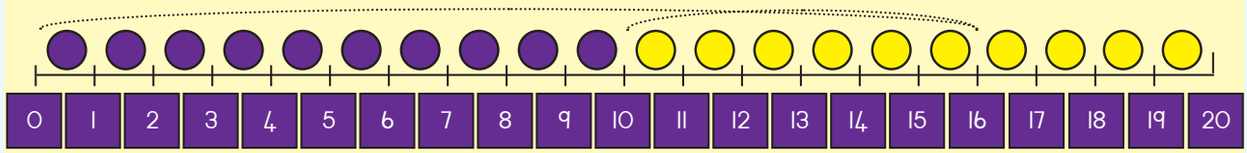
10	10	10	10	10
2 2	8 8	7 7	5 5	3 3
17 – 7 = 10	12 – 2 = 10	15 – 5 = 10	13 – 3 = 10	18 – 8 = 10



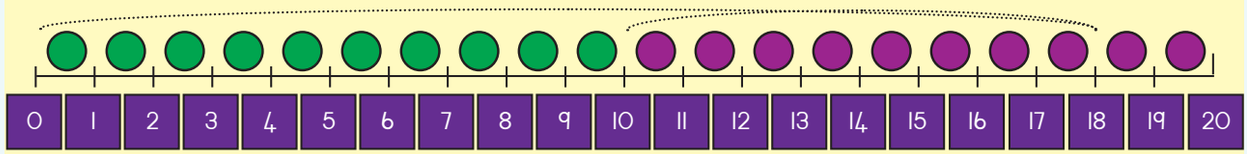
Sebenzisa umgca-manani. Bhala isibalo sokuthabatha.



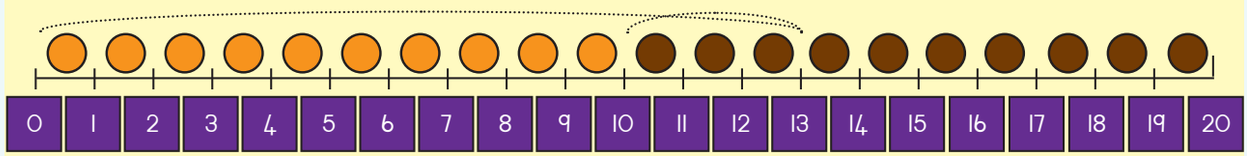
14 – 4 = 10



__ – __ = __

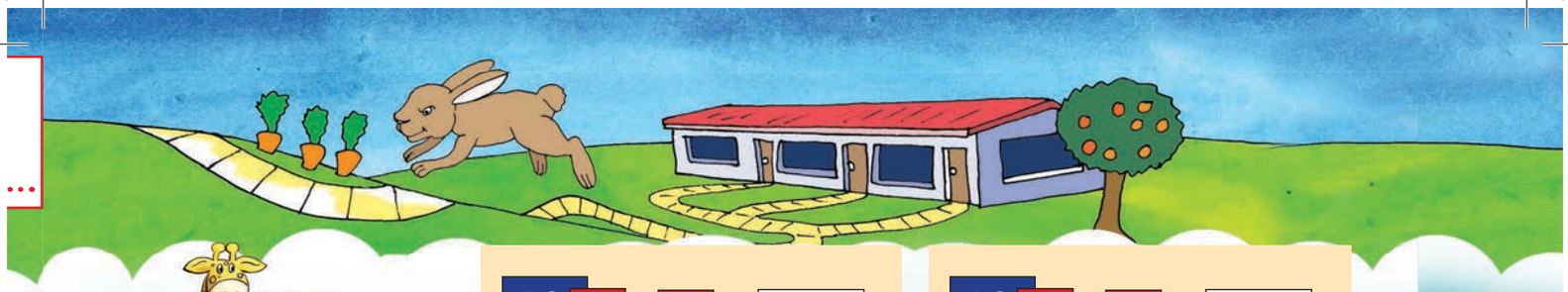


__ – __ = __



__ – __ = __







Thabatha.

10	3	− 3	=		
10	5	− 5	=		
10	1	− 1	=		
10	4	− 4	=		
10	9	− 9	=		

10	2	− 2	=		
10	7	− 7	=		
10	6	− 6	=		
10	8	− 8	=		
10	9	− 5	=		



Thabatha.

16 – 13

10	10		0	
6		− 3	=	3

16 − 13 = 3

14 – 12

10	10			
4		− 2	=	

14 − 12 = ☐

27 – 11

20	10			
7		− 1	=	

☐ − ☐ = ☐

35 – 13

30	10			
5		− 3	=	

☐ − ☐ = ☐

26 – 12

20	10			
6		− 2	=	

☐ − ☐ = ☐

48 – 11

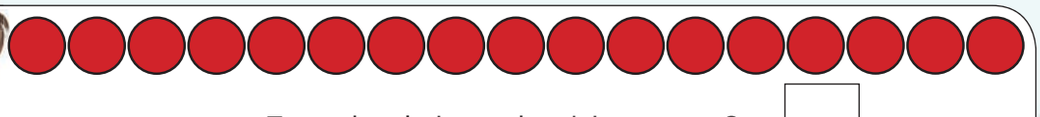
40	10			
8		− 1	=	

☐ − ☐ = ☐



ULisa unezibalisi ezili-17. Ulahlekelwe zezisi-8.





Zingaphi izibalisi ezishiyekileyo anazo? ☐

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

42a



Umhla:

.....

Okunye ukuthabatha

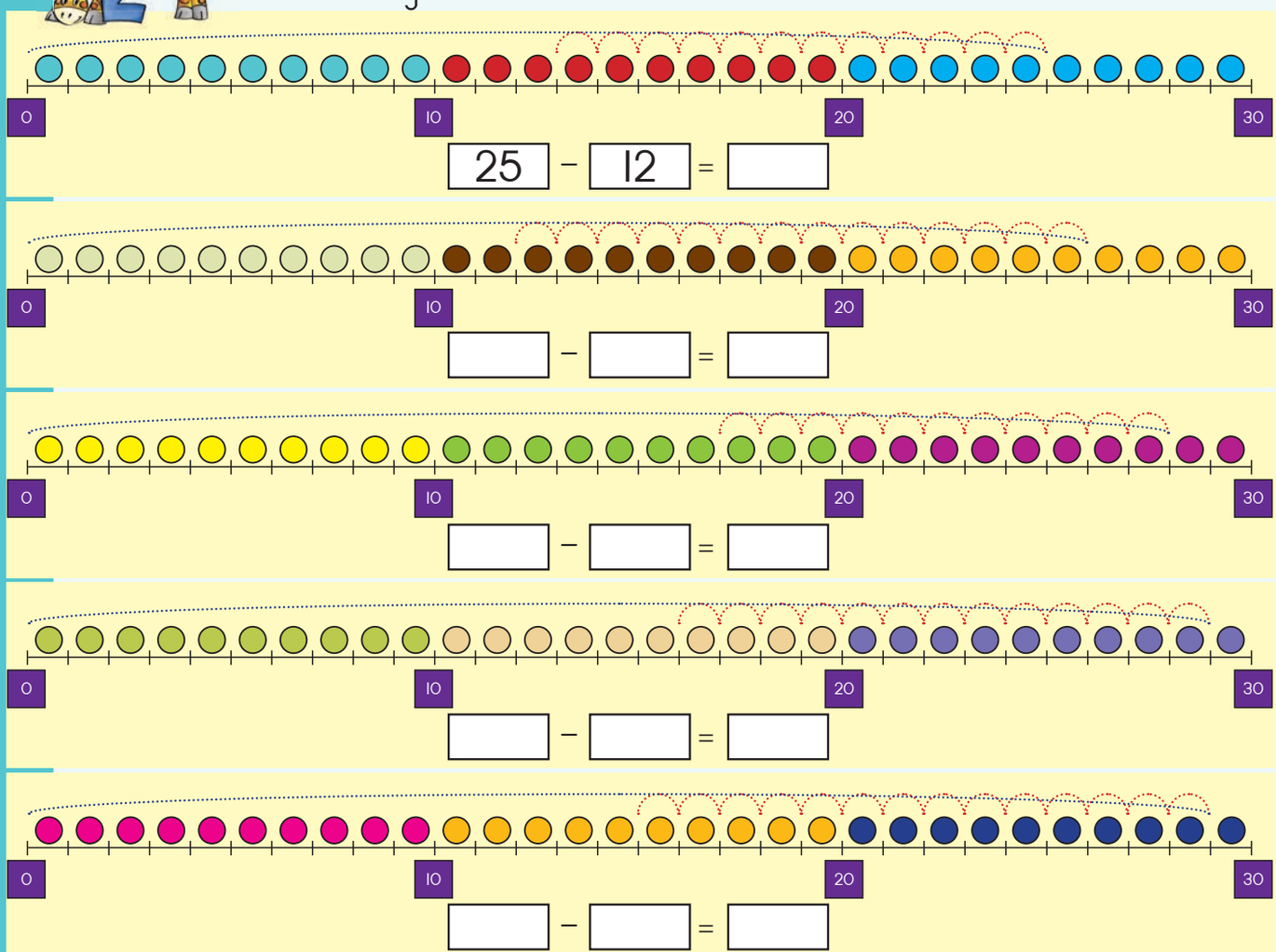


Thabatha amanani angezantsi kumanani angentla.

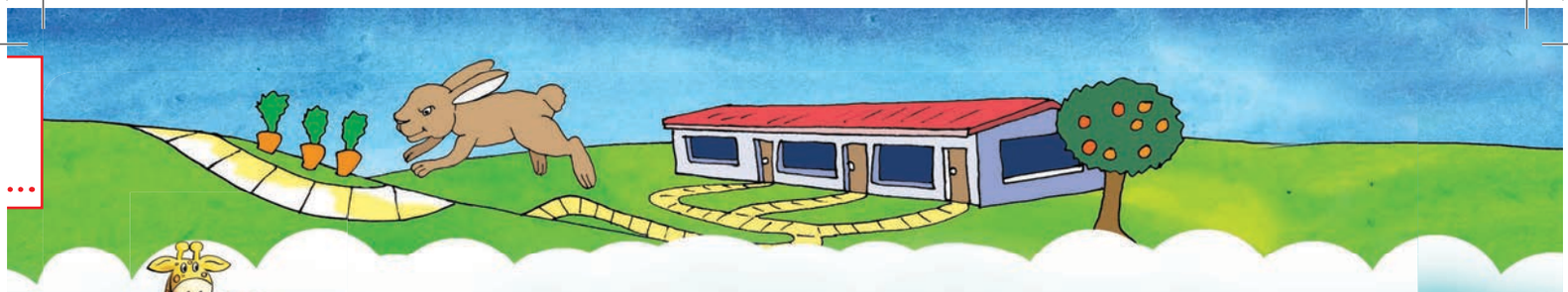
10 − 7 = 17	20 − 2 =	30 − 8 =	40 − 9 =
10 − 5 = 15	10 − 1 =	10 − 5 =	10 − 4 =
2			



Sebenzisa umgca-manani. Bhala isibalo sokuthabatha.







Thabatha.

45 – 23

= 40 5 – 20 3

= 40 – 20 + 5 – 3

= 20 + 2

= 22

38 – 16

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

29 – 14

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

48 – 11

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

35 – 23

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

38 – 15

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

42b



Umhla:

Okunye ukuthabatha (kusaghutywa)

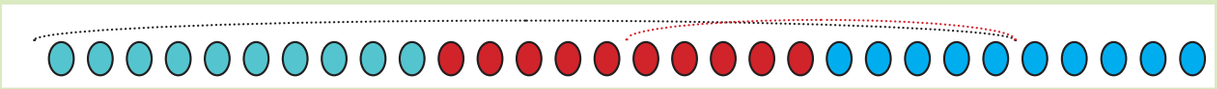


Thabatha uze ubhale impendulo yakho kwibhokisi engenanto?

22 − 10 = ☐



25 − 10 = ☐

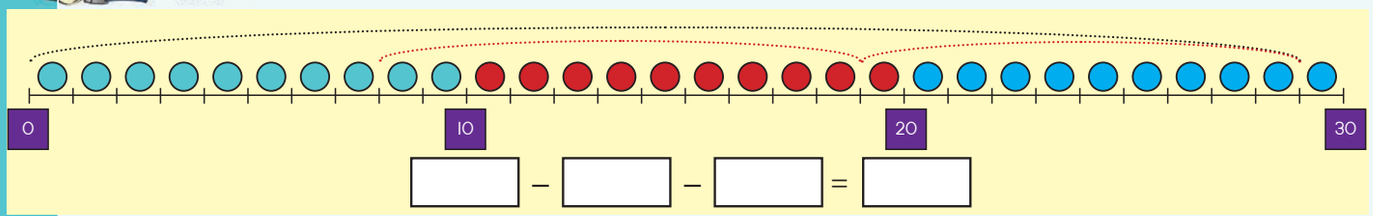


29 − 10 = ☐

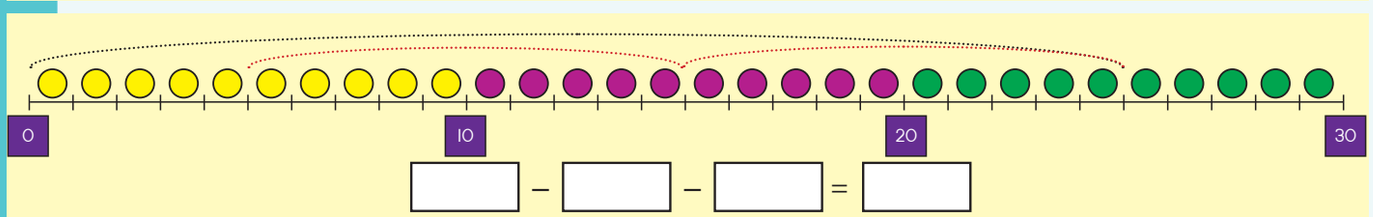




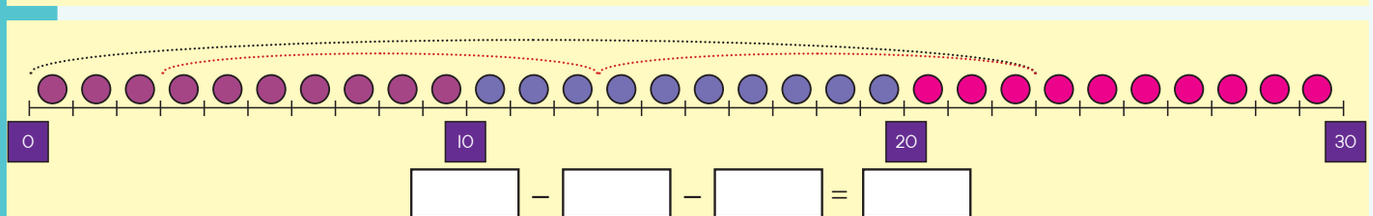
Gqibezela ezi zibalo zokuthabatha.



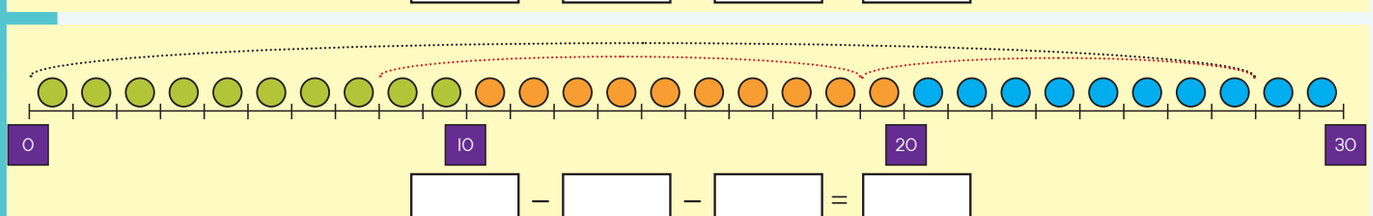
☐ − ☐ − ☐ = ☐



☐ − ☐ − ☐ = ☐

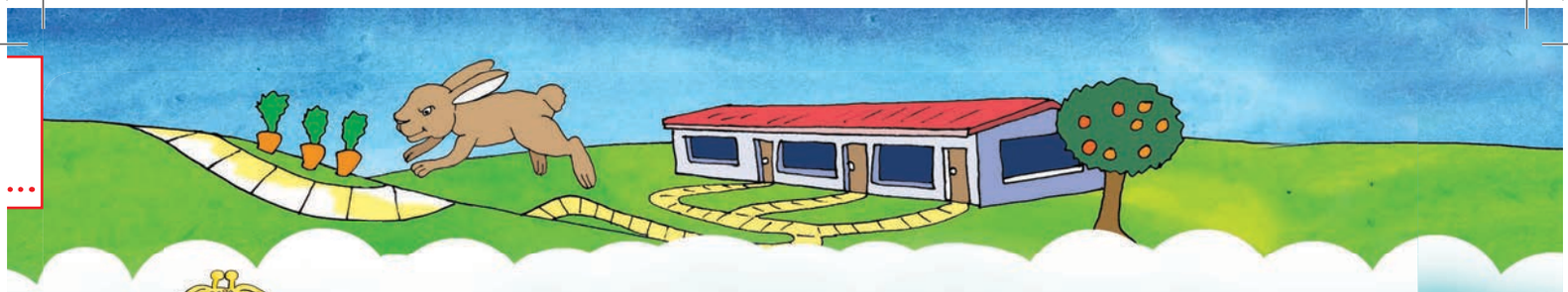


☐ − ☐ − ☐ = ☐



☐ − ☐ − ☐ = ☐

1 2 3 4 5 6 7 8 9 10





Gqibezela.

46	–	13	=		49	–	23	=	
38	–	14	=		27	–	16	=	
25	–	11	=		46	–	32	=	



Thabatha.

21 – 10 =	43 – 10 =	16 – 10 =
28 – 10 =	27 – 10 =	22 – 10 =
34 – 10 =	37 – 10 =	45 – 10 =

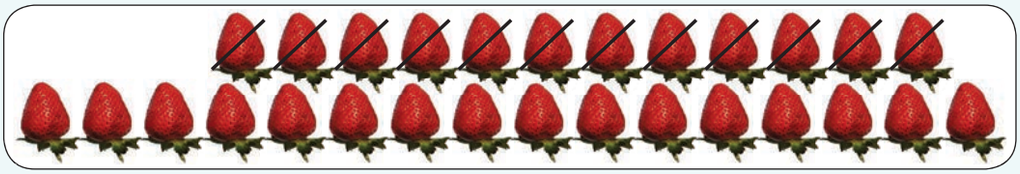


Sithini isiphumo xa uthabathe ama-20 kuma-35? Zoba umfanekiso ubonise impendulo yakho.

3 5 – 2 0 = _____



Zenzele esakho isibalo samagama usebenzise imifanekiso.





Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

43



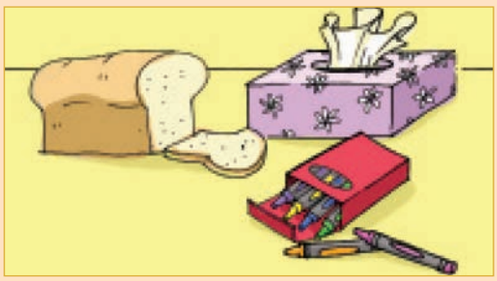
Umhla: .....

Enzima kunye nekhaphu-khaphu

1 Jonga umfanekiso uze uphendule umbuzo.

Yeyiphi eyona ikhaphu-khaphu ze ibe yeyiphi eyona inzima?

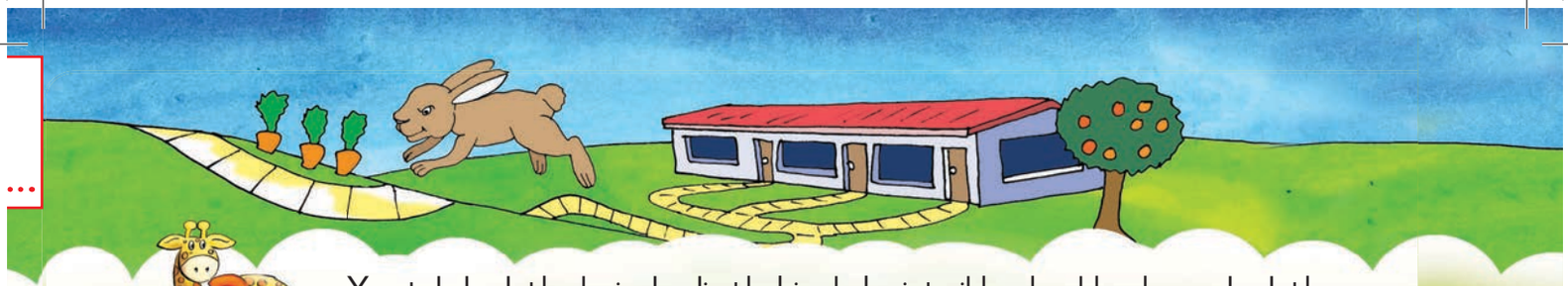




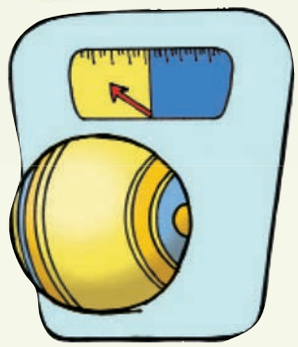
2 Ncamathelisa okanye zoba imifanekiso yezi zinto:

Izinto ezinzima	Izinto ezikhaphu-khaphu

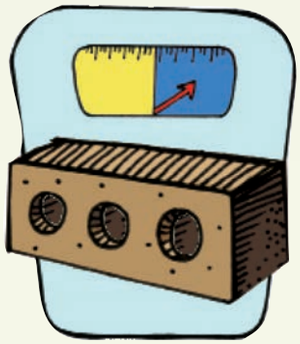
1 2 3 4 5 6 7 8 9 10

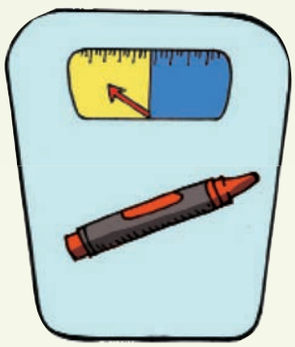


Xa utolo lwalatha kwicala elimthubi sukube into ikhaphu-khaphu; xa lwalatha kwicala elizuba sukube into inzima. Bhala ikhaphu-khaphu okanye inzima.

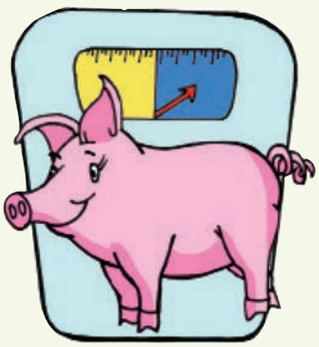


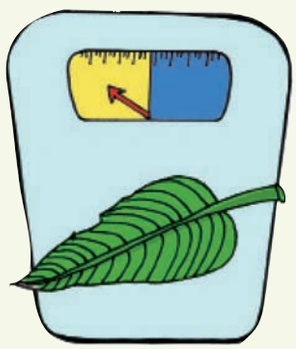
ikhaphu-khaphu



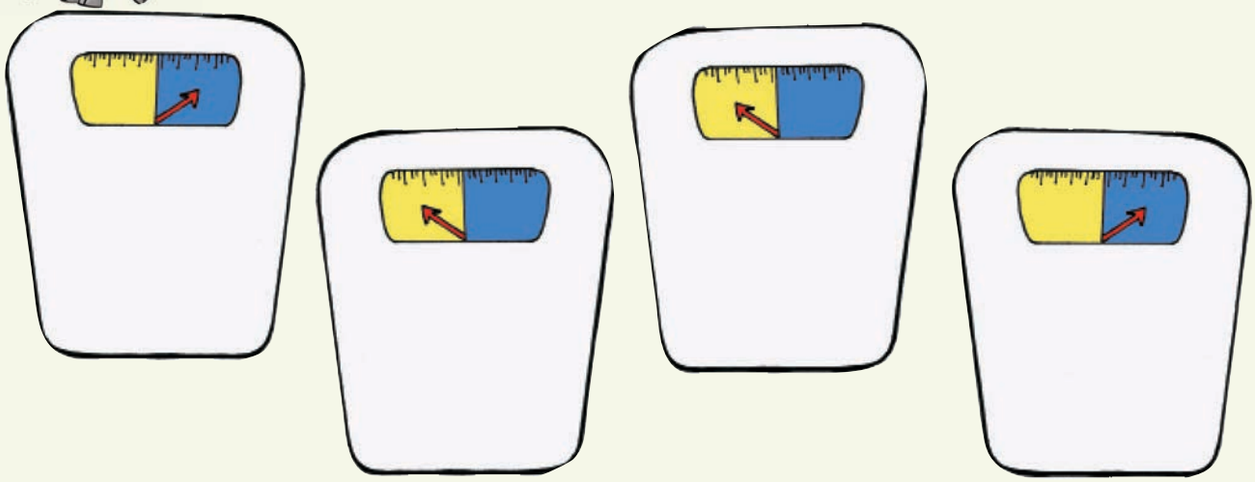








Zoba okanye ncamathelisa izinto ngokwale nto iboniswa sisikali.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

44



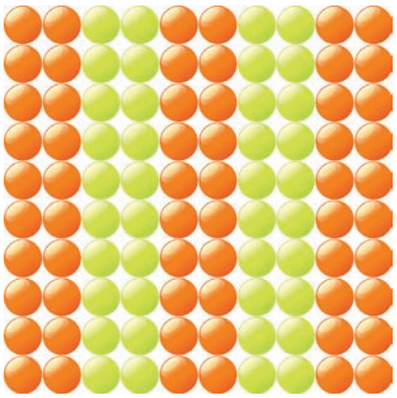
Umhla:

.....

Iipatheni zamanani: izibini

1 Masibale ngezibini.





2 Zoba okanye uncamathelise imifanekiso yezinto ezime ngambini.

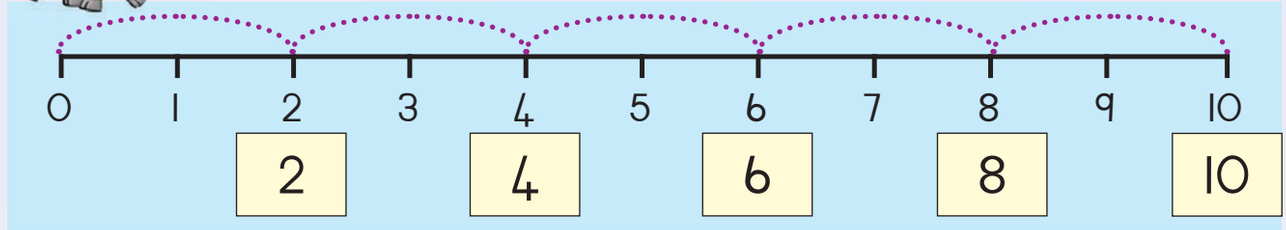
3 Sikuqalele ipatheni. Yigqibezele.

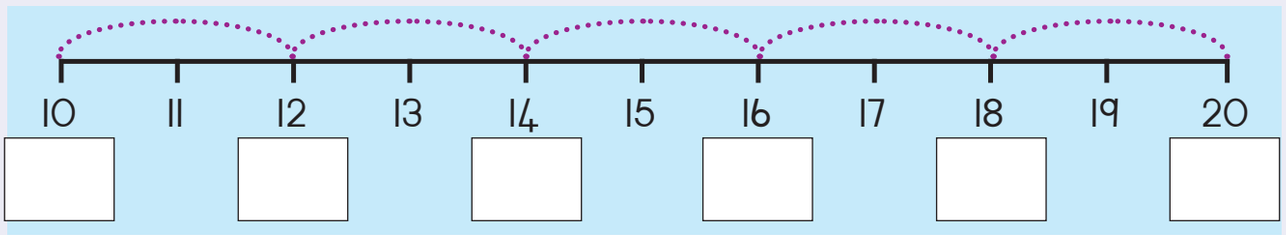
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

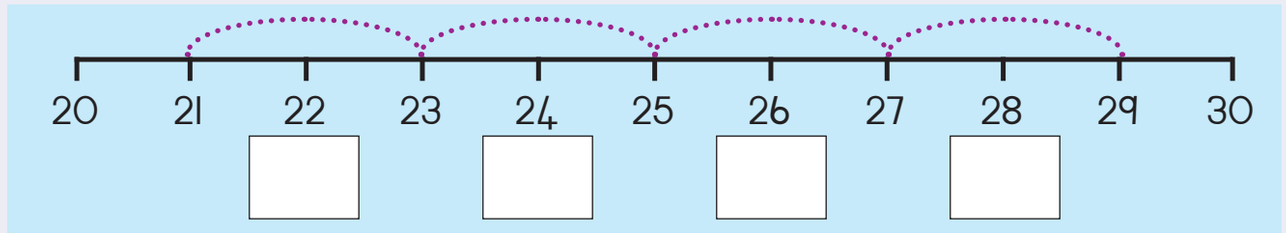
1 2 3 4 5 6 7 8 9 10

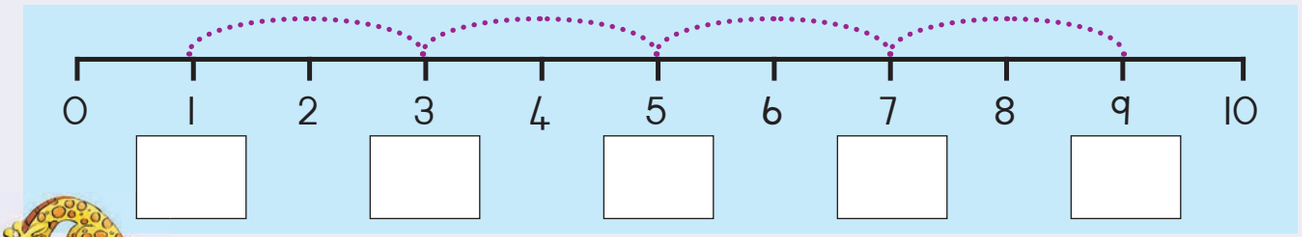


Sebenzisa imigca-manani ubhale ipatheni.









Gqibezela oku kulandelayo:

2, 4, 6, __ , __ , __	13, 15, 17, __ , __ , __	26, 24, 22, __ , __ , __
62, 64, 66, __ , __ , __	55, 57, 59, __ , __ , __	11, 9, 7, __ , __ , __
44, 46, 48, __ , __ , __	10, 8, 6, __ , __ , __	29, 27, 25, __ , __ , __
1, 3, 5, __ , __ , __	98, 96, 94, __ , __ , __	95, 93, 91, __ , __ , __

2 4 6 8 10 12 14 16 18 20

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

45

Umhla:

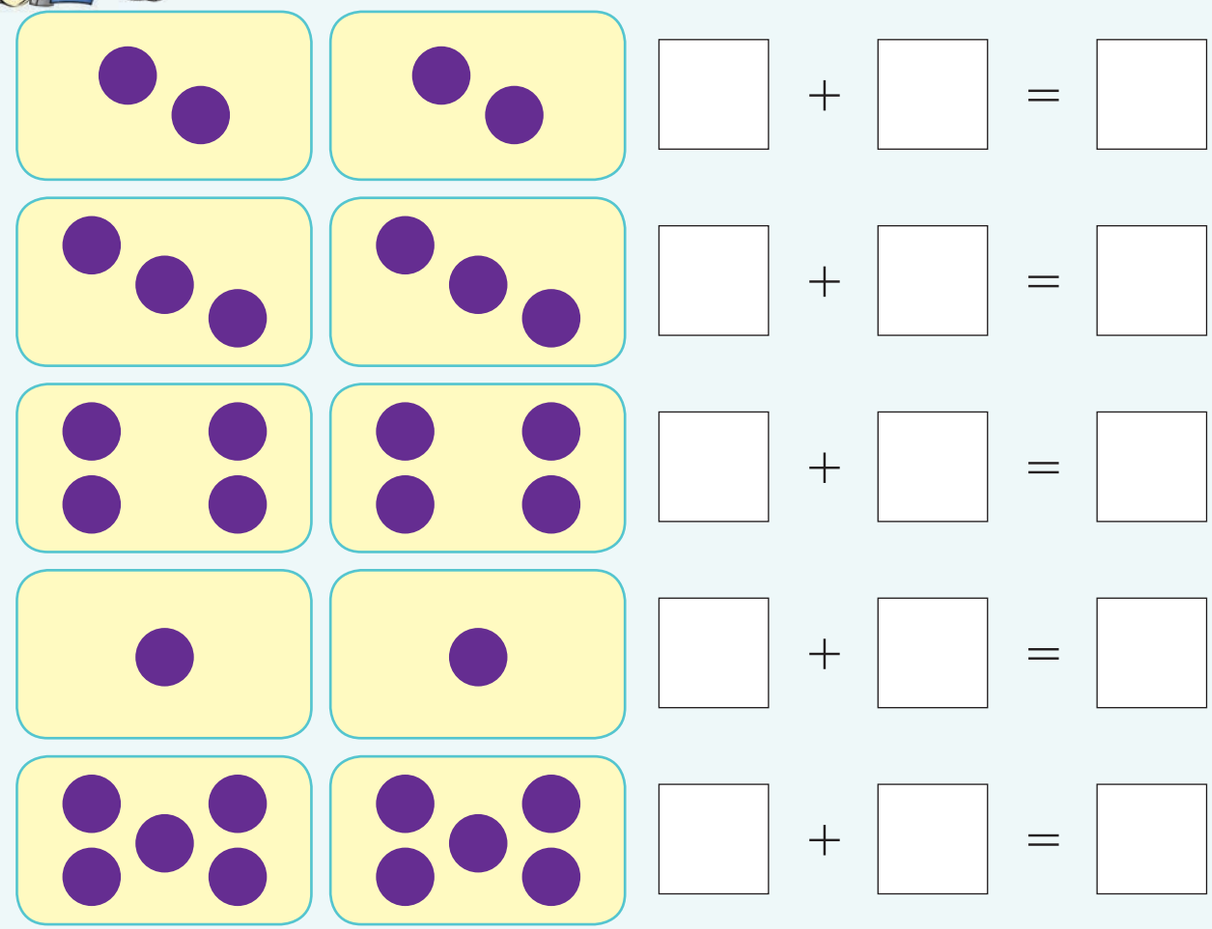
Phinda-phinda kabini

1 Jonga umfanekiso wokuqala nowesibini. Kwenzeke ntoni?





2 Dibanisa amachokoza, uze ubhale isiphumo sesibalo ngasinye.

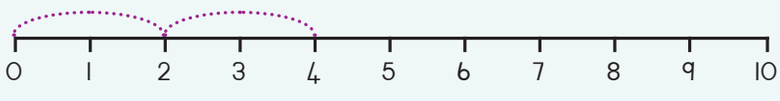


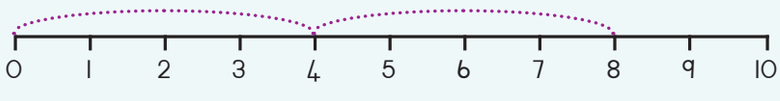
1 2 3 4 5 6 7 8 9 10

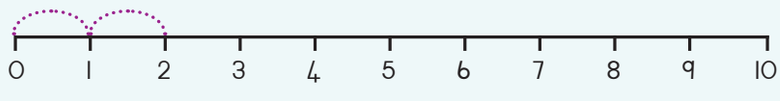


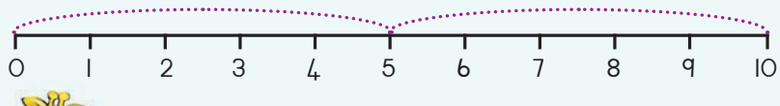
Sebenzisa imigca-manani ubhale ezi zibalo.











0 1 2 3 4 5 6 7 8 9 10

$\square + \square = \square$

$\square + \square = \square$

$\square + \square = \square$

$\square + \square = \square$

$\square + \square = \square$

Phinda-phinda kabini oku kulandelayo:

Phinda-phinda u-1 kabini	$1 + 1 = 2$	$2 \times 1 = 2$
Phinda-phinda ezi-2 kabini	$\square + \square = \square$	$2 \times \square = \square$
Phinda-phinda ezi-3 kabini	$\square + \square = \square$	$2 \times \square = \square$
Phinda-phinda ezi-4 kabini	$\square + \square = \square$	$2 \times \square = \square$
Phinda-phinda ezi-5 kabini	$\square + \square = \square$	$2 \times \square = \square$

Ndinee-R5. Umhlobo wam yena unale yam iphindwe kabini. Unamalini umhlobo wam?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

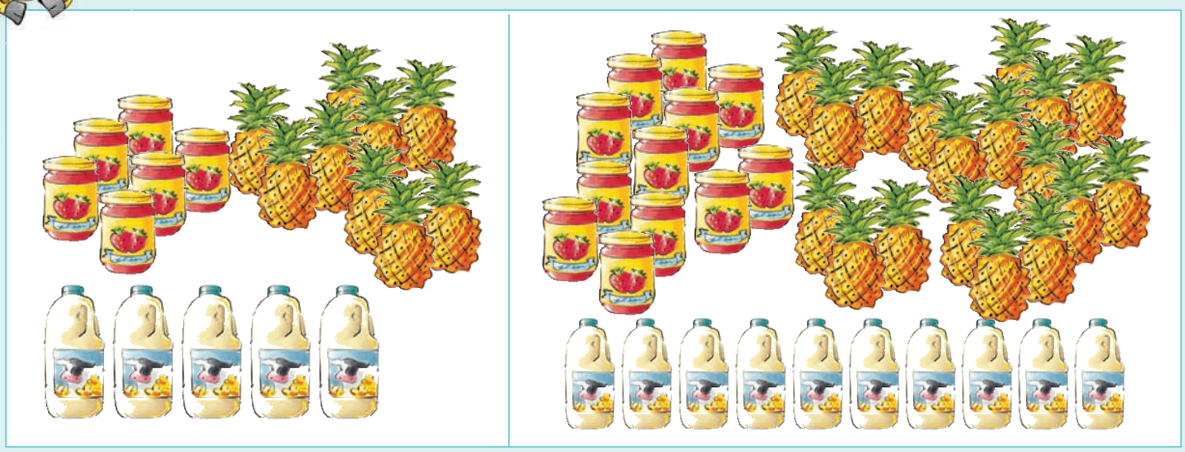
46

Umhla:

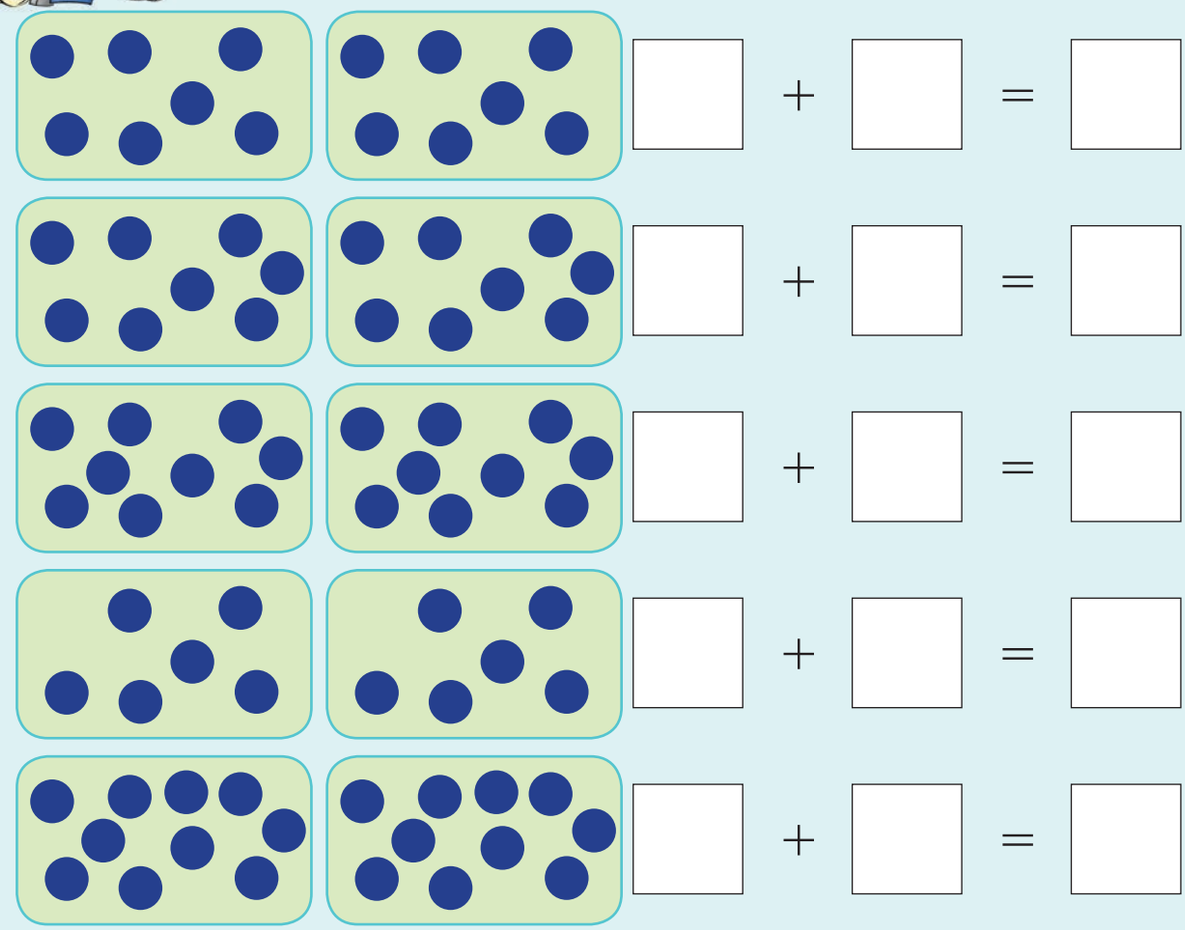
.....

Phinda kabini kwakhona

1 Jonga umfanekiso wokuqala nowesibini. Kwenzeke ntoni?



2 Dibanisa amachokoza, uze ubhale isiphumo sesibalo ngasinye.



1 2 3 4 5 6 7 8 9 10



3 Sebenzisa imigca-manani ubhale ezi zibalo.

0 2 4 6 8 10 12 14 16 18 20 □ + □ = □

0 2 4 6 8 10 12 14 16 18 20 □ + □ = □

0 2 4 6 8 10 12 14 16 18 20 □ + □ = □

0 2 4 6 8 10 12 14 16 18 20 □ + □ = □

0 2 4 6 8 10 12 14 16 18 20 □ + □ = □

4 Phinda-phinda kabini oku kulandelayo:

Phinda-phinda ezi-6 kabini	□ + □ = □	2 × 6 = 12
Phinda-phinda ezisi-7 kabini	□ + □ = □	2 × □ = □
Phinda-phinda ezisi-8 kabini	□ + □ = □	2 × □ = □
Phinda-phinda ezili-9 kabini	□ + □ = □	2 × □ = □
Phinda-phinda i-10 kabini	□ + □ = □	2 × □ = □

5 Umhlobo wam unamapetyu ali-9. Mna ndiwaphinda kabini awakhe. Mangaphi amapetyu endinawo?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

47

Umhla: .....

Phinda kabini kwakhona

Phinda-phinda kabini ezisi-8

1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8



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

Phinda-phinda kabini ezili-9

1 2 3 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9



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



Biyela amaso ukuphinda kabini amanani. Sikuqalele umzekelo wokuqala.

Phinda-phinda kabini ezi-5



Phinda-phinda kabini ezi-6

5 + 5 = ☐



☐ + ☐ = ☐

Phinda-phinda kabini ezisi-7



☐ + ☐ = ☐

Phinda-phinda kabini ezisi-8



☐ + ☐ = ☐

Phinda-phinda kabini ezili-9



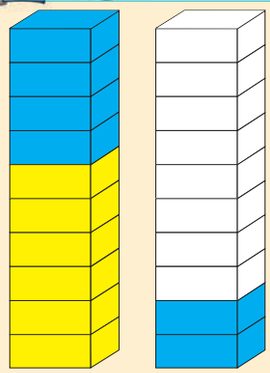
☐ + ☐ = ☐







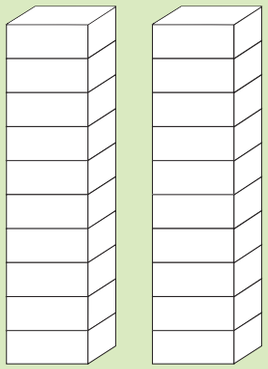
Phinda-phinda kabini amanani. Faka umbala kwiibloko ubonise impendulo yakho.



Phinda-phinda kabini ezi-6

6 + 6 = ☐

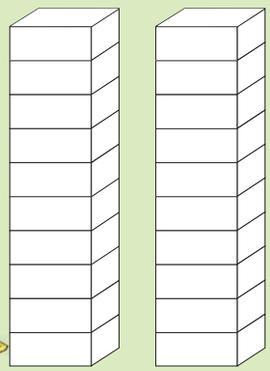
2 × 6 = ☐



Phinda-phinda kabini ezisi-8

☐ + ☐ = ☐

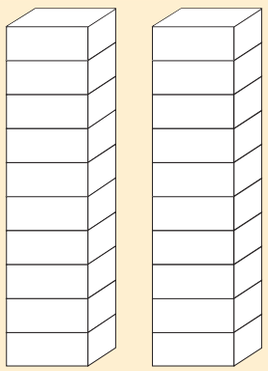
2 × ☐ = ☐



Phinda-phinda kabini ezisi-7

☐ + ☐ = ☐

2 × ☐ = ☐



Phinda-phinda kabini ezili-9

☐ + ☐ = ☐

2 × ☐ = ☐



Phinda-phinda kabini oku kulandelayo:

Phinda-phinda ezisi-7 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda ezili-9 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda ezi-6 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda ezisi-8 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda i-10 kabini	☐ + ☐ = ☐	2 × ☐ = ☐



Ndingenise amanqaku asi-8. Umhlobo wam wangenisa ngokuphindwe kabini. Mangaphi amanqaku omhlobo wam?



Teacher:

Sign:

Date:

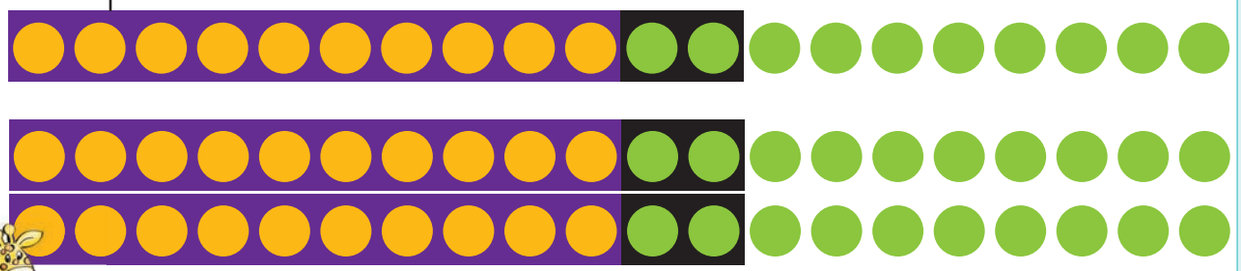
11 12 13 14 15 16 17 18 19 20



Umhla: .....

Okunye ukuphinda kabini

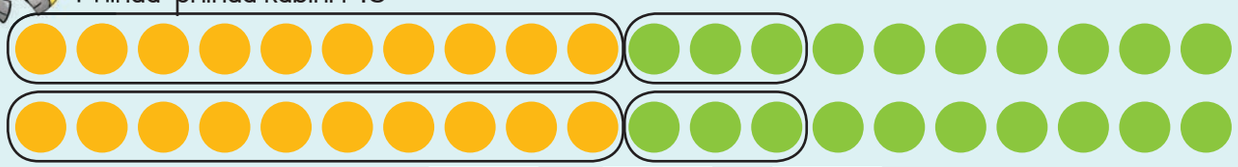
Phinda-phinda kabini i-12



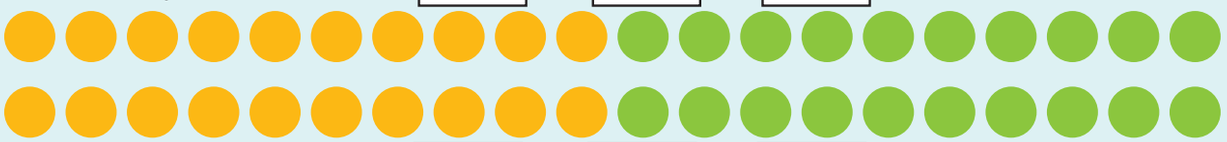


Biyela amaso uze uphinda-phinde kabini amanani. Sikuqalele umzekelo wokuqala.

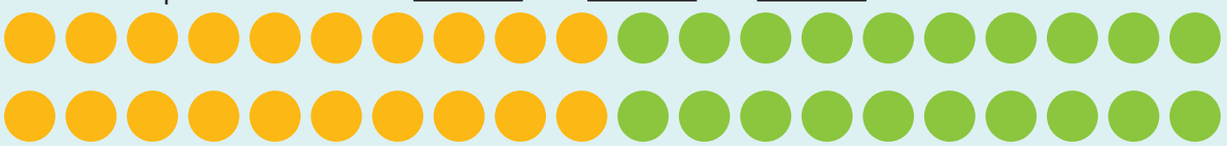
Phinda-phinda kabini i-13



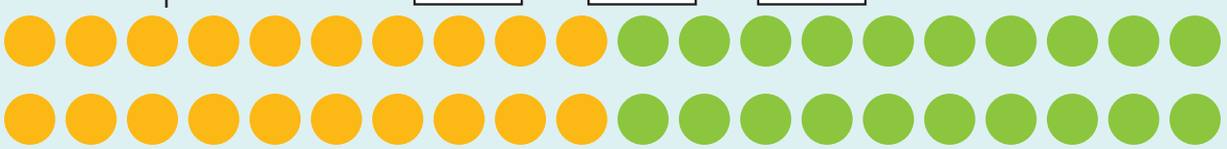
Phinda-phinda kabini i-15 ☐ + ☐ = ☐



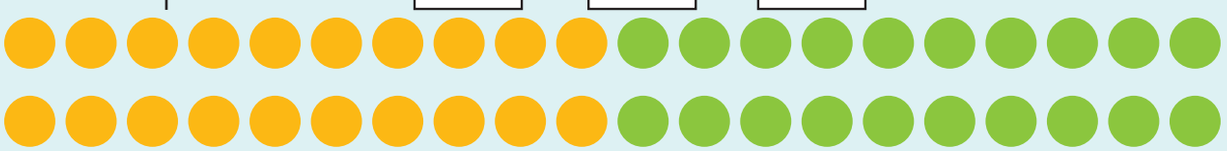
Phinda-phinda kabini i-14 ☐ + ☐ = ☐



Phinda-phinda kabini i-11 ☐ + ☐ = ☐



Phinda-phinda kabini i-16 ☐ + ☐ = ☐

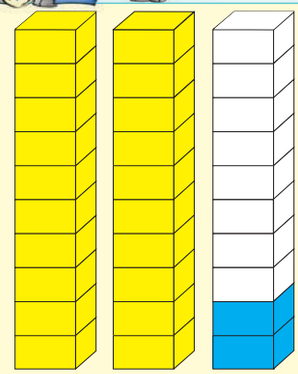


☐ + ☐ = ☐





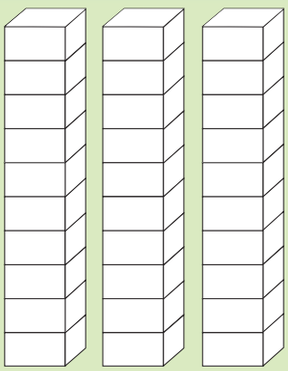
2 Phinda-phinda kabini amanani. Faka umbala kwiibloko ubonise impendulo yakho.



Phinda-phinda kabini i-11

II + II = ☐

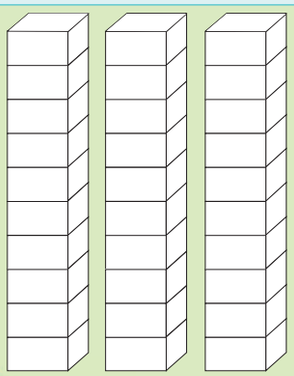
2 × II = ☐



Phinda-phinda kabini i-13

☐ + ☐ = ☐

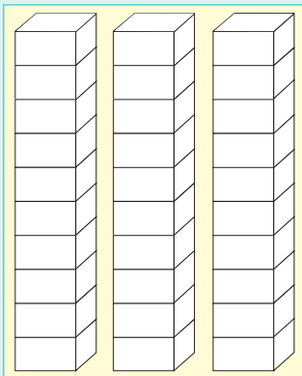
2 × ☐ = ☐



Phinda-phinda kabini i-14

☐ + ☐ = ☐

2 × ☐ = ☐



Phinda-phinda kabini i-15

☐ + ☐ = ☐

2 × ☐ = ☐

3 Phinda-phinda kabini oku kulandelayo:

Phinda-phinda i-11 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda i-13 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda i-16 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda i-17 kabini	☐ + ☐ = ☐	2 × ☐ = ☐
Phinda-phinda i-18 kabini	☐ + ☐ = ☐	2 × ☐ = ☐

4 Ndifumene amagama ali-14 achanekileyo kumdlalo wopelo. Ophumeleleyo ufumene inani lamagama am liphindwe kabini. Ufumene amagama amangaphi lo uphumeleleyo?

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

49

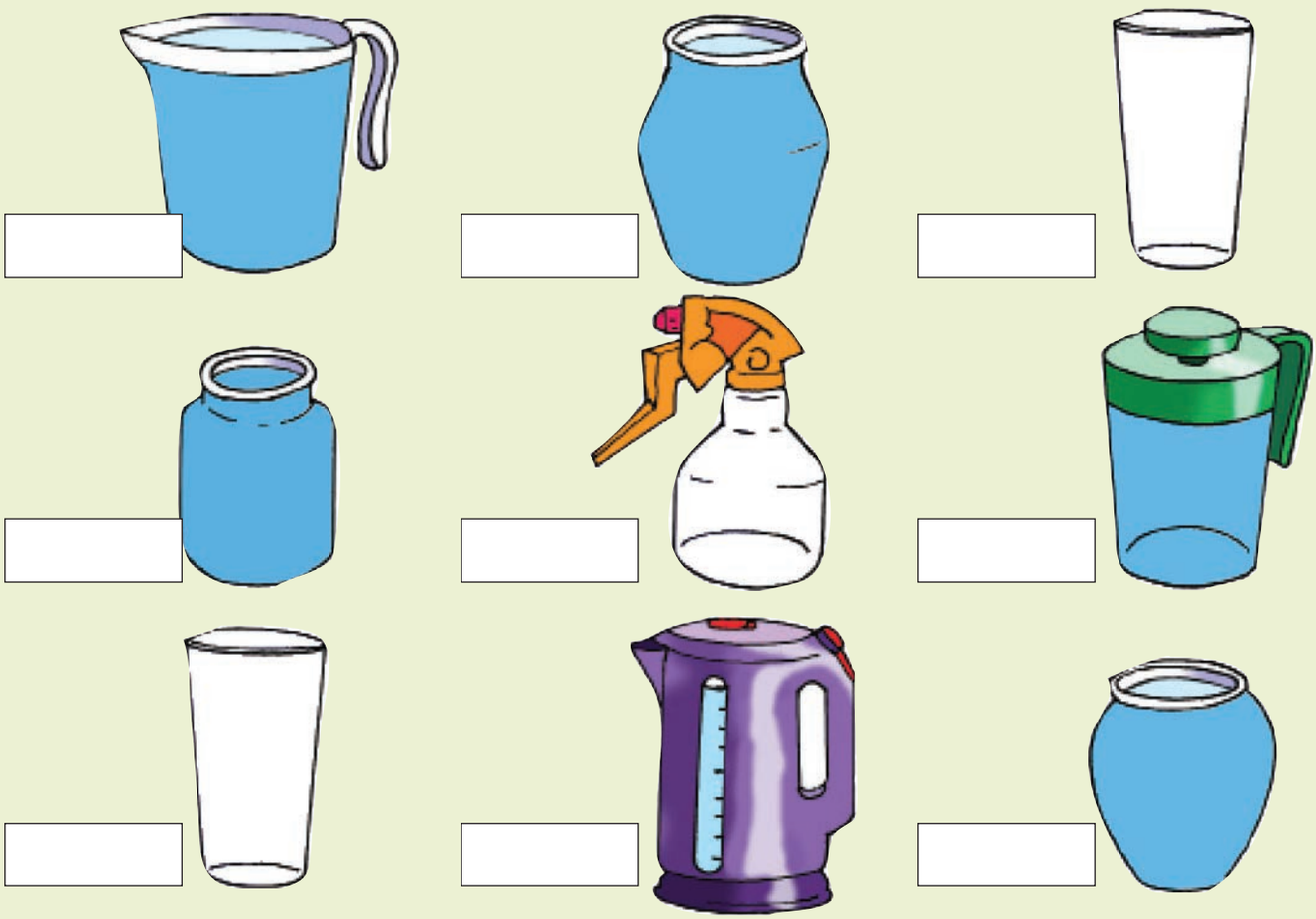
Umhla: .....

Izikhongozelo kunye nomthamo

1 Ncokola ngezikhongozelo ezisezidesikeni.

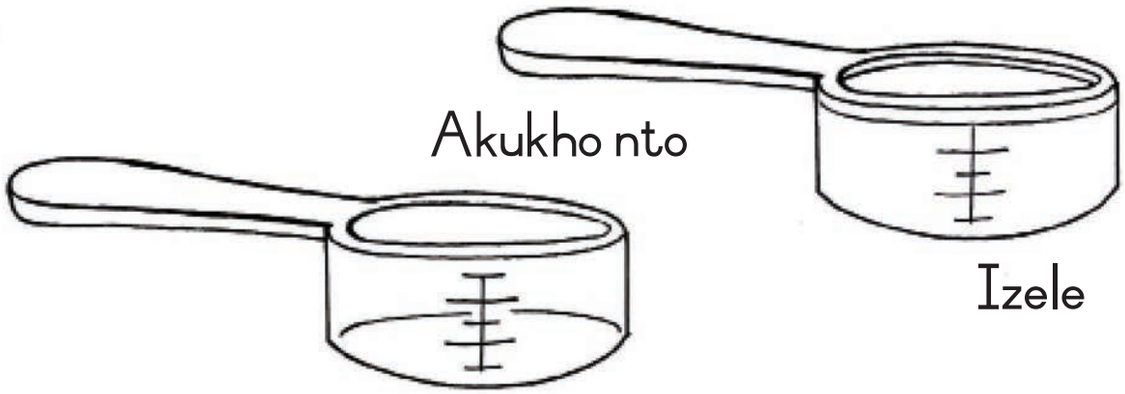


2 Xela ukuba isikhongozelo sizele na okanye asinanto.





Faka umbala kwezi zikhongozelo ubonise ukuba _____.



Zoba ezakho izikhongozelo uze ufakele umbala kwinto engaphakathi ubonise:

Akukho nto	Izele
Akukho nto	Izele

Teacher:
Sign:
Date:



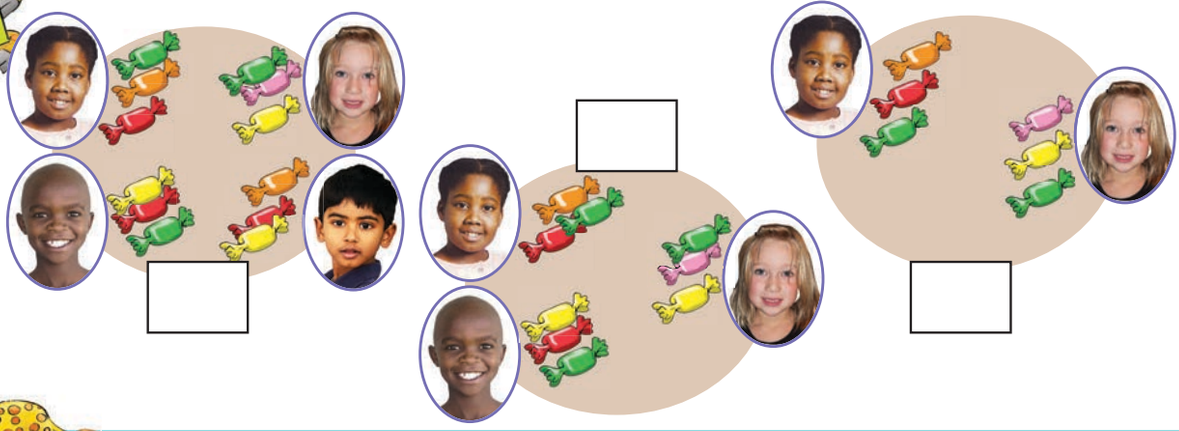
50

Umhla: .....

Ukuphinda-phinda: × 3



Zingaphi iilekese eziphezu kwetafile nganye?





Gqibezela oku kulandelayo:

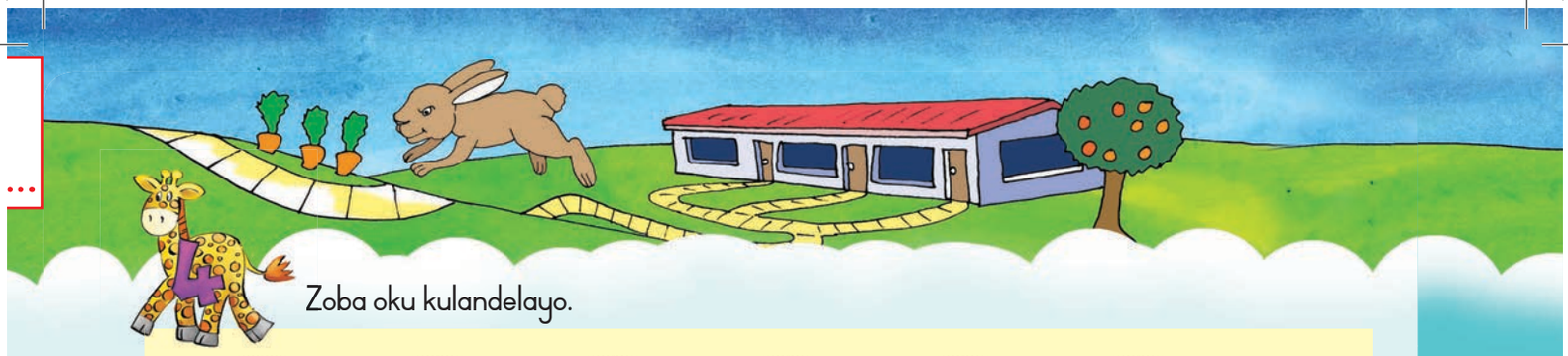
amaqela ama-2 ezi-3	3 + 3 =	2 × 3 = ☐
amaqela ama-5 ezi-3	3 + 3 + 3 + 3 + 3 =	5 × 2 = ☐
amaqela ama-4 ezi-3	3 + 3 + 3 + 3 =	4 × 3 = ☐
amaqela ama-6 ezi-3	3 + 3 + 3 + 3 + 3 + 3 =	6 × 3 = ☐
amaqela asi-7 ezi-3	3 + 3 + 3 + 3 + 3 + 3 + 3 =	7 × 3 = ☐



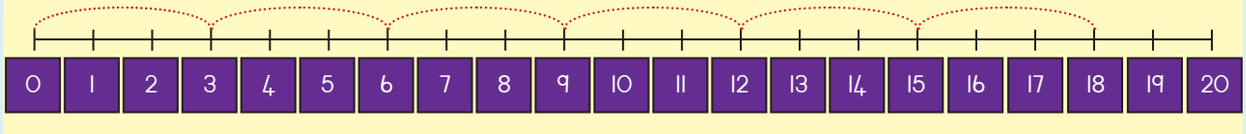
Zoba oku kulandelayo.

amaqela ama-3 ezi-3	amaqela ama-4 ezi-3	amaqela ama-5 ezi-3





Zoba oku kulandelayo.



3, 6, 9, 12, ___ , ___

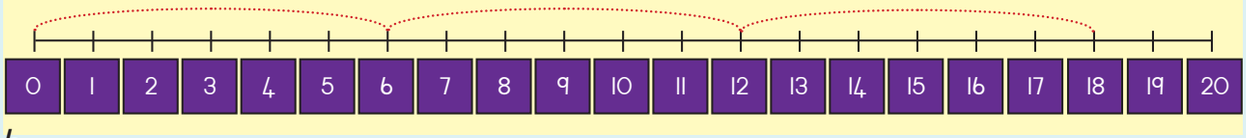
3 + 3 + 3 + 3 + 3 + 3 = ☐

amaqela ama-6 ezi- ☐ = ☐

6 × 3 = ☐

Umfanekiso





6, ___ , ___

6 + ☐ + ☐ = ☐

amaqela ama-3 ezi- ☐ = ☐

3 × ☐ = ☐

Umfanekiso



Imbiza yokupheka inemilenze emithathu. Zinemilenze emingaphi iimbiza zokupheka ezisi-7.

☐





3 6 9 12 15 18

21 24 27 30 33

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

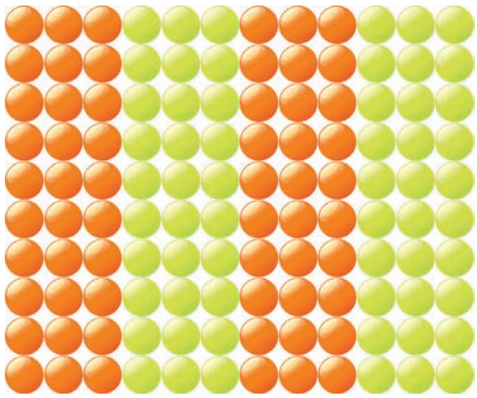
51

Umhla:

Iipatheni zamanani: Izithathu

1 Masibale ngezithathu.





2 Zoba okanye uncamathelise imifanekiso yezinto ezime ngantathu.

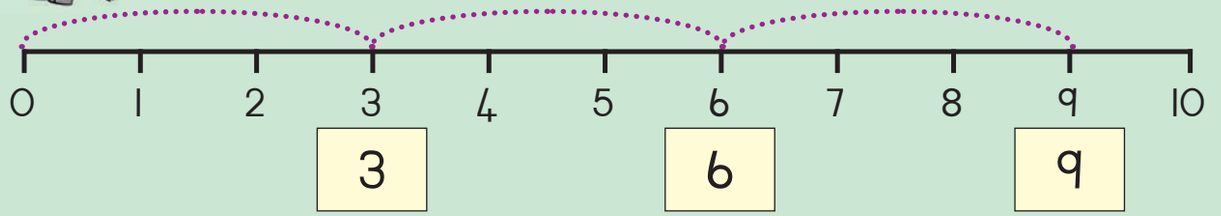
3 Sikuqalele ipatheni. Yigqibezele.

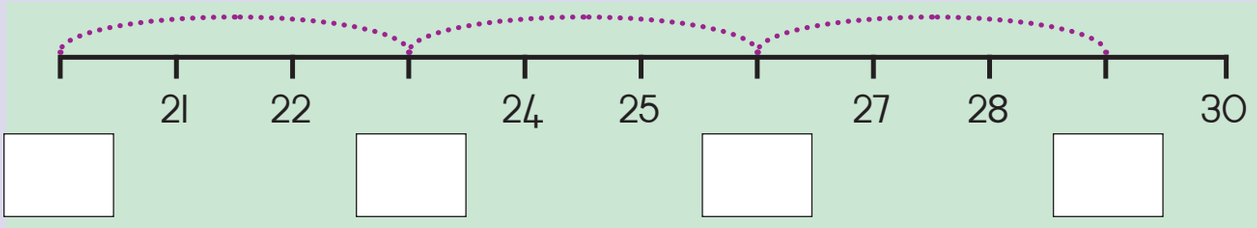
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

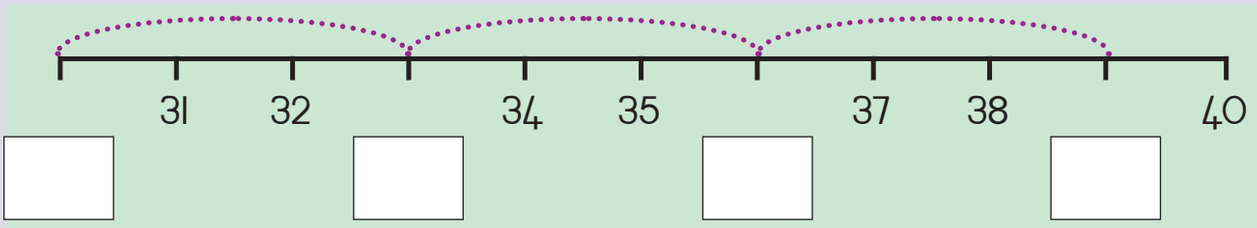
1 2 3 4 5 6 7 8 9 10

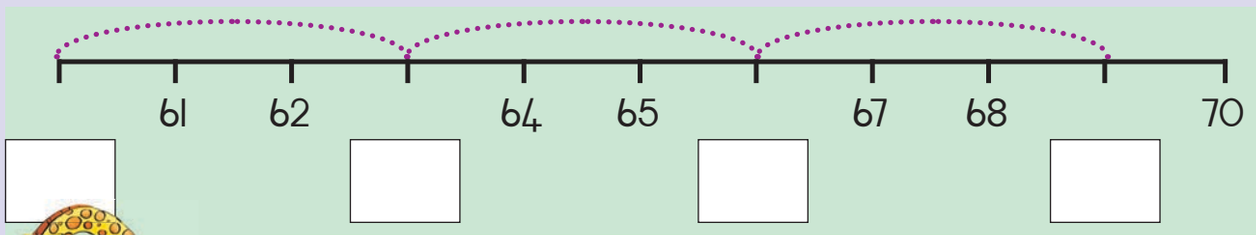


Sebenzisa imigca-manani ubhale ipatheni.









Gqibezela oku kulandelayo.

3, 6, 9, __ , __ , __	1, 4, 7, __ , __ , __	99, 96, 93, __ , __ , __
36, 39, 42, __ , __ , __	22, 25, 28, __ , __ , __	66, 63, 60, __ , __ , __
12, 15, 18, __ , __ , __	15, 12, 9, __ , __ , __	40, 37, 34, __ , __ , __

Kukho itrayisekile ezi-10 ekhristshi. Mangaphi amavili akhoyo?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

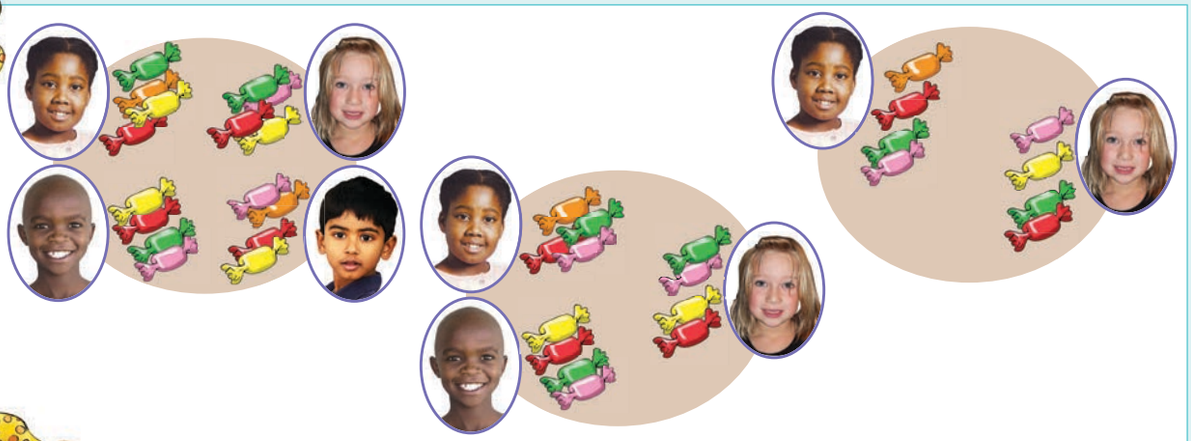


Umhla: .....

Ukuphinda-phinda: × 4



Zingaphi iilekese eziphezu kwetafile nganye?





Gqibezela oku kulandelayo:

amaqela ama-3 ezi-4 | 4 + 4 + 4 = | 3 × 4 = ☐

amaqela ama-2 ezi-4 | 4 + 4 = | 2 × 4 = ☐

amaqela ama-4 ezi-4 | 4 + 4 + 4 + 4 = | 4 × 4 = ☐

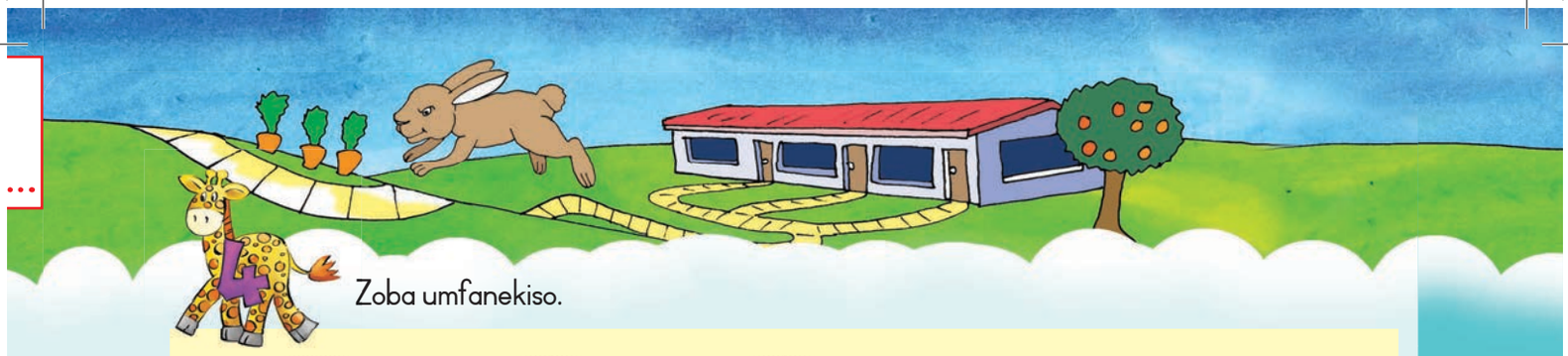
amaqela ama-6 ezi-4 | 4 + 4 + 4 + 4 + 4 + 4 = | 6 × 4 = ☐

amaqela asi-7 ezi-4 | 4 + 4 + 4 + 4 + 4 + 4 + 4 = | 7 × 4 = ☐

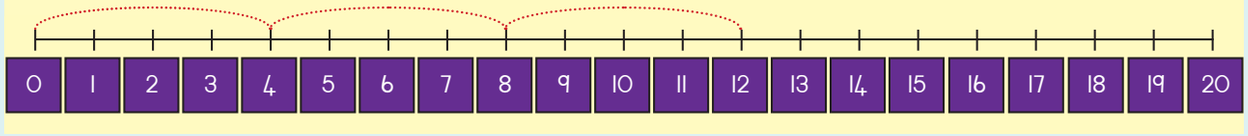


Zoba umfanekiso.

amaqela ama-3 ezi-4	amaqela ama-4 ezi-4	amaqela ama-5 ezi-4



Zoba umfanekiso.



4, 8, ___

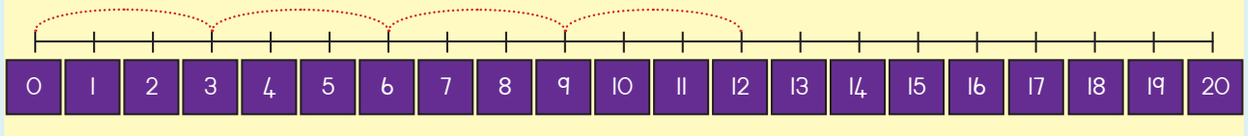
4 + 4 + 4 = ☐

amaqela ama-3 ezi-4 = ☐

3 × 4 = ☐

Umfanekiso





3, 6, 9, ___

3 + 3 + 3 + 3 = ☐

amaqela ama-4 ezi- ☐ = ☐

4 × ☐ = ☐

Umfanekiso



Ihashe linemilenze emi-4.
Anemilenze emingaphi amahashe ama-3? ☐



4 8 12 16 20 24
28 32 36 40

Teacher:
Sign:
Date:

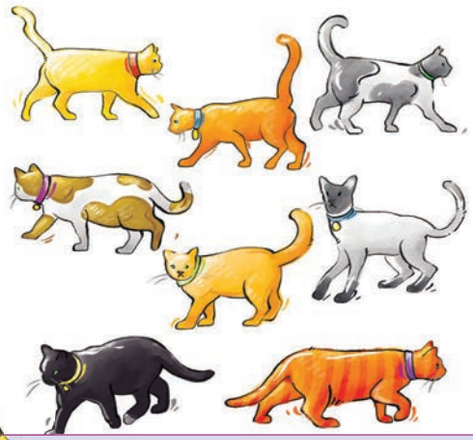
11 12 13 14 15 16 17 18 19 20

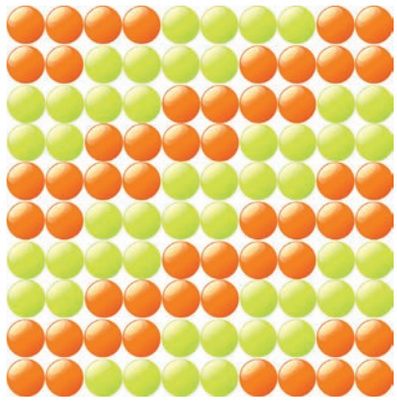


Umhla: .....

Iipatheni zamanani: Izine

1 Masibale ngezine.





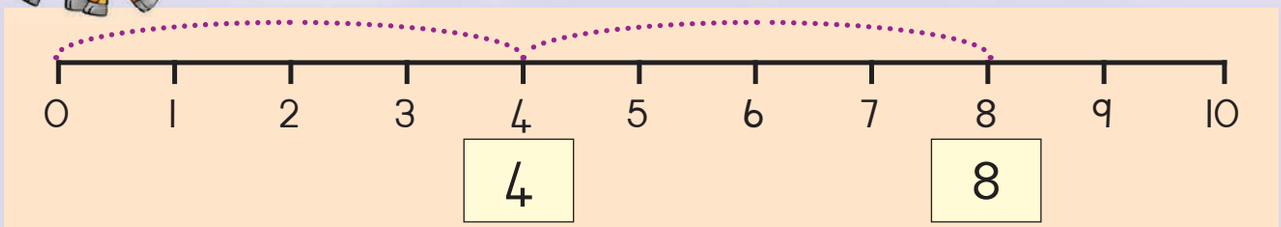
2 Zoba okanye uncamathelise umfanekiso wezinto ezifumaneka ngane.

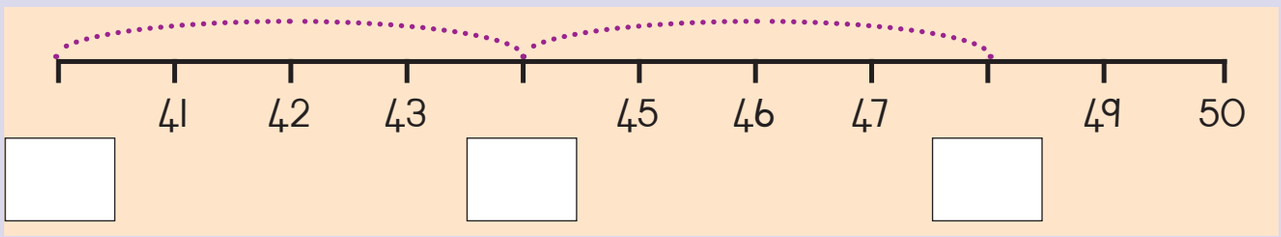
3 Sikuqalele ipatheni. Yigqibezele.

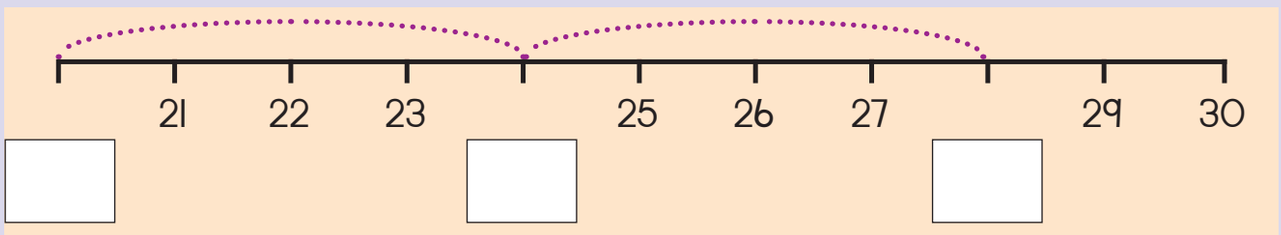
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

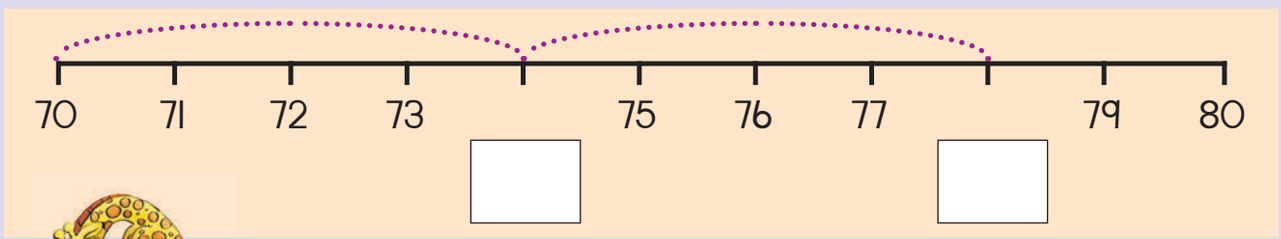


Sebenzisa imigca-manani ubhale ipatheni.









Gqibezela oku:

4, 8, 12, __ , __ , __	1, 5, 9, __ , __ , __	48, 44, 40, __ , __ , __
28, 32, 36, __ , __ , __	42, 46, 50, __ , __ , __	60, 56, 52, __ , __ , __
12, 16, 20, __ , __ , __	20, 16, 12, __ , __ , __	70, 66, 62, __ , __ , __

Kukho iibhisikithi ezine epakethini. Ndithengise iipakethe ezili-9.
Zingaphi iibhisikithi endizithengisileyo?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

54

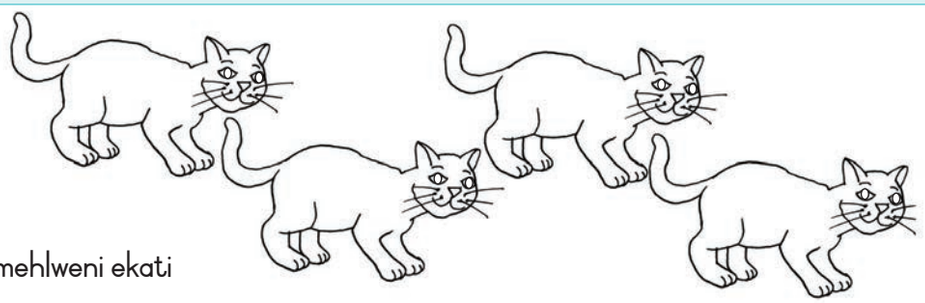
Umhla:

Amanye amabali ophindaphindo

Qamba elakho ibali usebenzise la magama; amehlo, imilenze, izandla, iinyawo, izilwanyana, abantu. Fakela inombolo kwinto nganye.



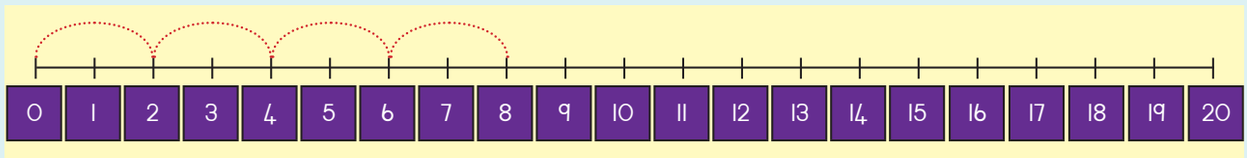
Ikati inamehlo amabini. Mangaphi amehlo eekati ezi-4?



Faka umbala emehlweni ekati

Bonisa impendulo yakho ngezibalisi.

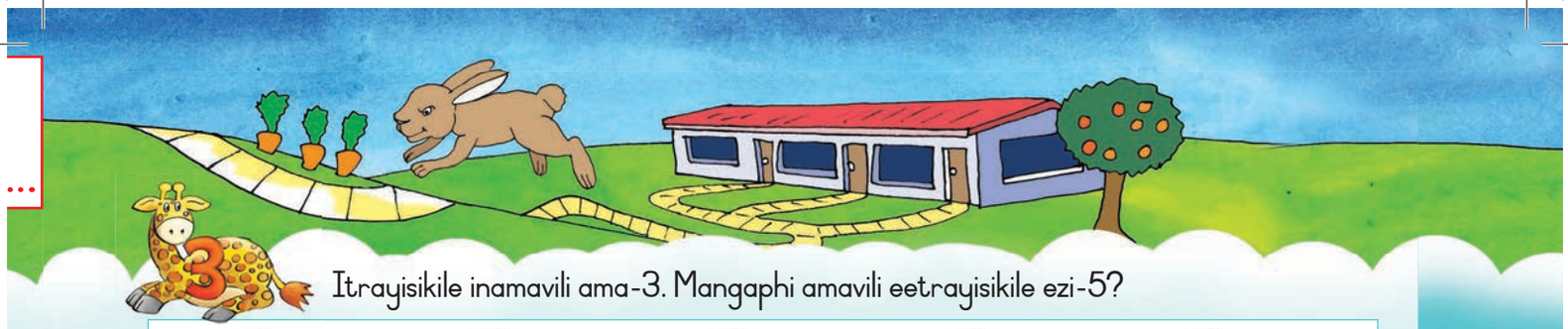
Bonisa impendulo yakho ngomgca-manani.



□ + □ + □ + □ = □

□ × □ = □

1 2 3 4 5 6 7 8 9 10



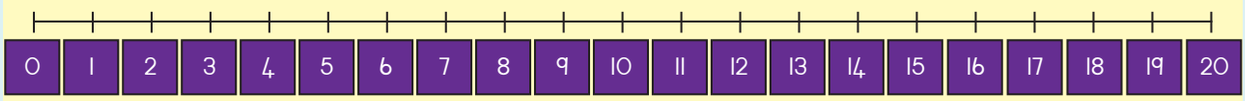
Itrayisikile inamavili ama-3. Mangaphi amavili eetrayisikile ezi-5?



Faka umbala kumavili etrayisikili.

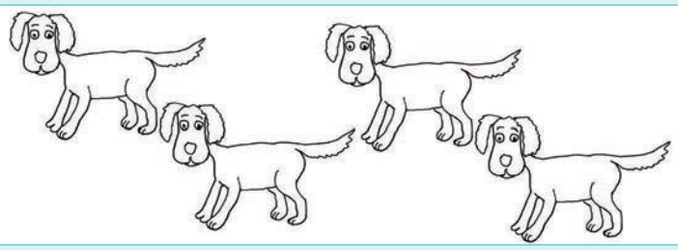
Bonisa impendulo yakho ngezibalisi.

Bonisa impendulo yakho ngomgca-manani.





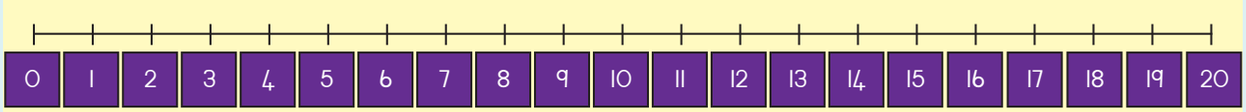
Inja inemilenze emi-4. Mingaphi imilenze yezinja ezi-4?



Faka umbala kwimilenze yenja.

Bonisa impendulo yakho ngezibalisi.

Bonisa impendulo yakho ngomgca-manani.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

55

Umhla:

Iiyure

1 Ncokola ngewotshi.



Usiba olufutshane lubonisa iiyure.
Apha lubonisa iiyure ezisi-7.

Usiba lwewotshi luyajikeleza, luthi jikelele jikelele ngqu.
Usiba lwewotshi luthi jikelele jikelele ngqu lusixelela ixesha.

2 Usiba olufutshane lusibonisa ntoni?



iiyure e- ☐



iiyure ezi- ☐



iiyure ezi- ☐



iiyure ezi- ☐



iiyure ezi- ☐



iiyure ezi- ☐



iiyure ezi- ☐



iiyure ezi- ☐



iiyure ezi- ☐



iiyure ezi- ☐

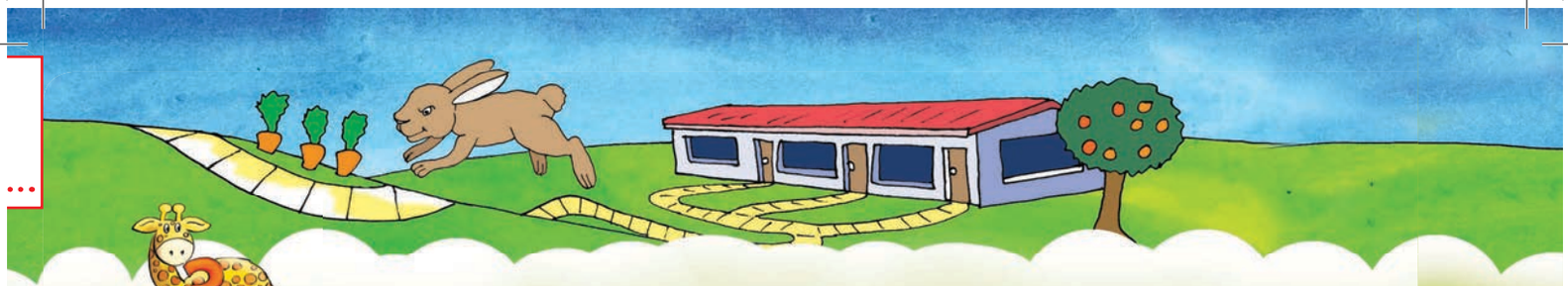


iiyure ezi- ☐



iiyure ezi- ☐

1 2 3 4 5 6 7 8 9 10



Zoba usiba olufutshane.

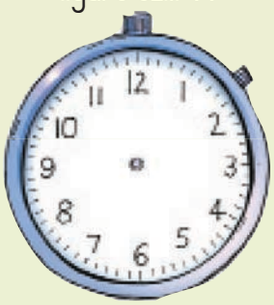
iiyure ezi-4



iyure e-1



iiyure ezili-11



iiyure ezisi-7



iiyure ezili-9



iiyure ezili-10



iiyure ezi-2



iiyure ezi-5



iiyure ezi-3



iiyure ezi-6



iiyure ezisi-8



iiyure ezili-12



Yintoni enokuthatha iyure xa uyenza? Fakela umbala kwimpendulo echanekileyo.



Ukwenza umsebenzi wesikolo ekhaya



Ukulala



Ukuxukuxa amazinyo

Teacher:
Sign:
Date:

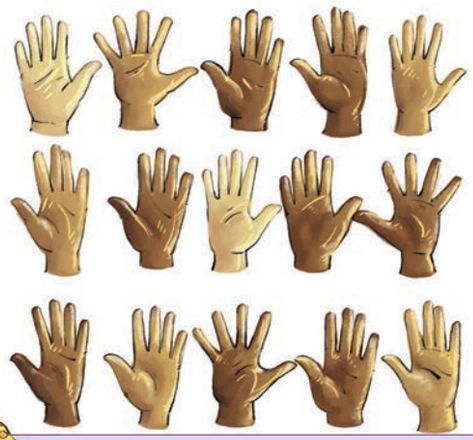
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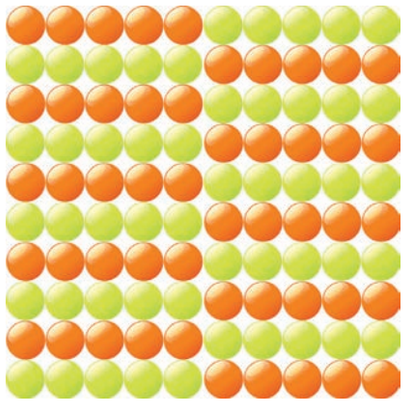


Umhla:

Iipatheni zamanani: Izihlanu

1 Masibale ngezihlanu.





2 Zoba okanye uncamathelise umfanekiso wezinto ezime ngantlanu.

3 Sikuqalele ipatheni. Yigqibezele.

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
51	52	53	54	55	56	57	58	59	60
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



Sebenzisa imigca-manani ubhale ipatheni.

0 1 2 3 4 5 6 7 8 9 10

0 5 10

40 41 42 43 44 45 46 47 48 49 50

21 22 23 24 25 26 27 28 29 30 31

70 71 72 73 74 75 76 77 78 79 80

Qqibezela oku kulandelayo:

5, 10, 15, __ , __ , __	1, 6, 11, __ , __ , __	50, 45, 40, __ , __ , __
20, 25, 30, __ , __ , __	23, 28, 33, __ , __ , __	60, 55, 50, __ , __ , __
30, 35, 40, __ , __ , __	25, 20, 15, __ , __ , __	54, 49, 44, __ , __ , __

5 10 15 20 25 30 35 40 45 50

Teacher:
Sign:
Date:

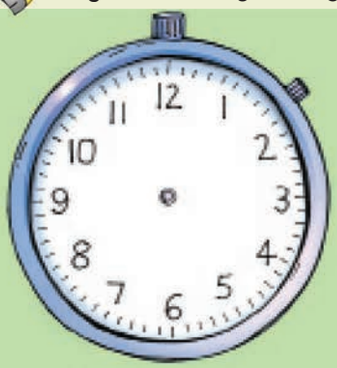
11 12 13 14 15 16 17 18 19 20

57a

Umhla: .....

Imizuzu

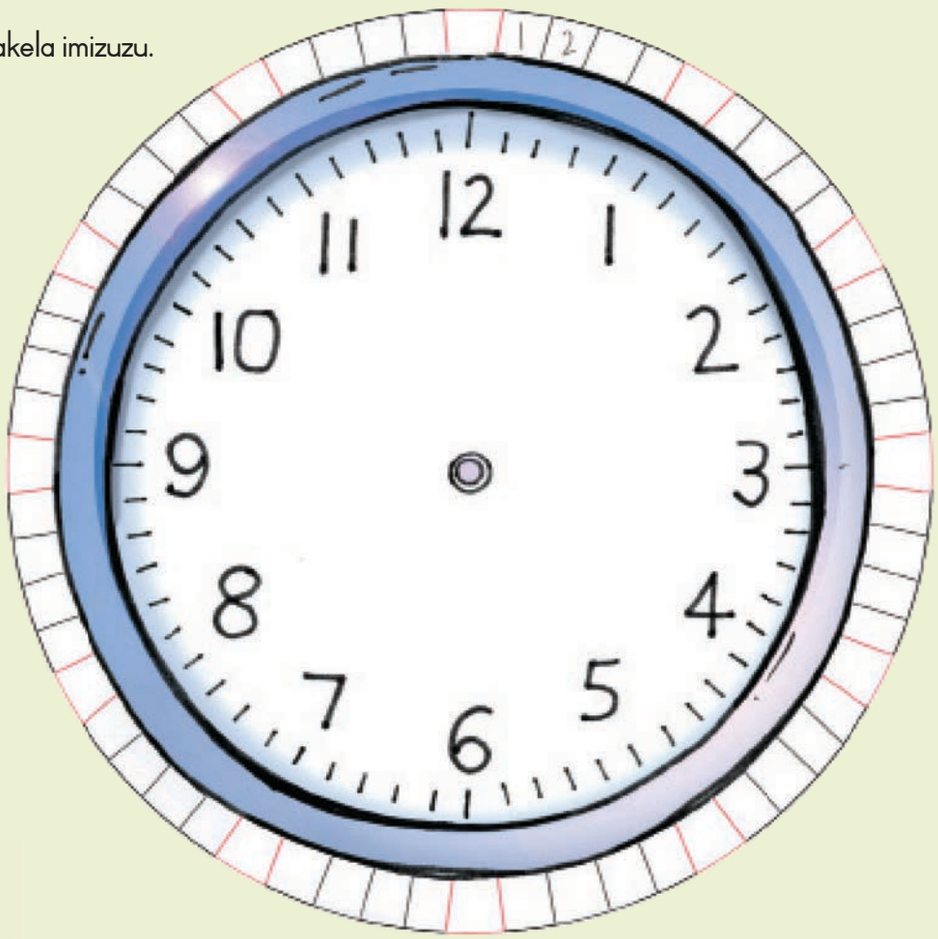
1 Siyisebenzisa njani imigcana emifutshane emnyama esewotshini?





Cinga ngayo yonke into onokuyenza ngomzuzu nje omnye.

2 Fakela imizuzu.



3 Bhala amanani akwizikwere ezibomvu apha.

1 2 3 4 5 6 7 8 9 10



Zoba izinto onokuzenza ...

Ngomzuzu omnye	Ngemizuzu emi-5
Ngemizuzu engama-30	Ngemizuzu engama-60

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

57b

Umhla: .....

Imizuzu engaphezulu

1 Ncokola ngewotshi.



Usiba olude lusibonisa imizuzu.
Apha lusibonisa imizuzu eli-10.

Usiba lwewotshi luyajikeleza, luthi jikelele jikelele ngqu.
Usiba lwewotshi luthi jikelele jikelele ngqu lusixelela ixesha.

2 Lusibonisa ntoni usiba olude?



imizuzu eli- ☐



imizuzu engama- ☐



imizuzu engama- ☐



imizuzu engama- ☐

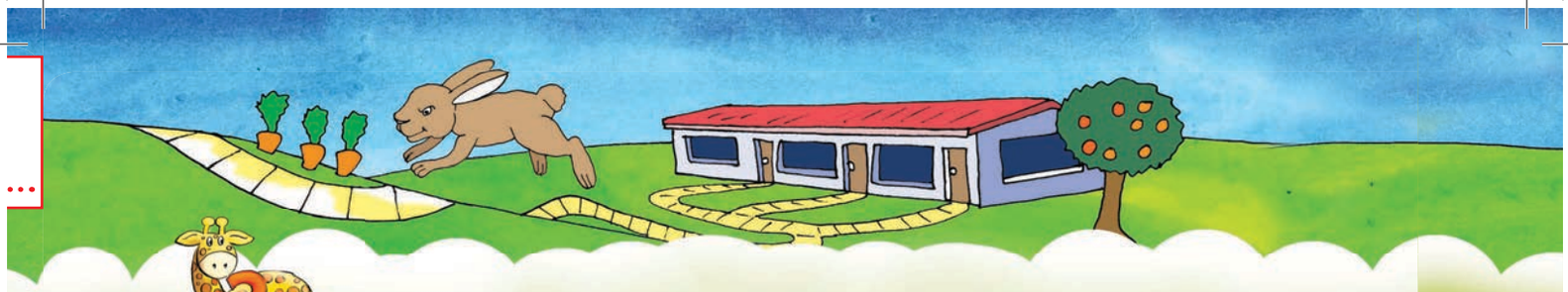


imizuzu engama- ☐



imizuzu e- ☐

1 2 3 4 5 6 7 8 9 10



Zoba usiba olude.

imizuzu engama-55



imizuzu engama-35



imizuzu engama-60



imizuzu eli-10



imizuzu engama-45



imizuzu eli-12



Yintoni enokuthatha umzuzu xa uyenza? Fakela umbala kwimpendulo echanekileyo.



Ukutsibatsiba



Ukudlala



Ukutya

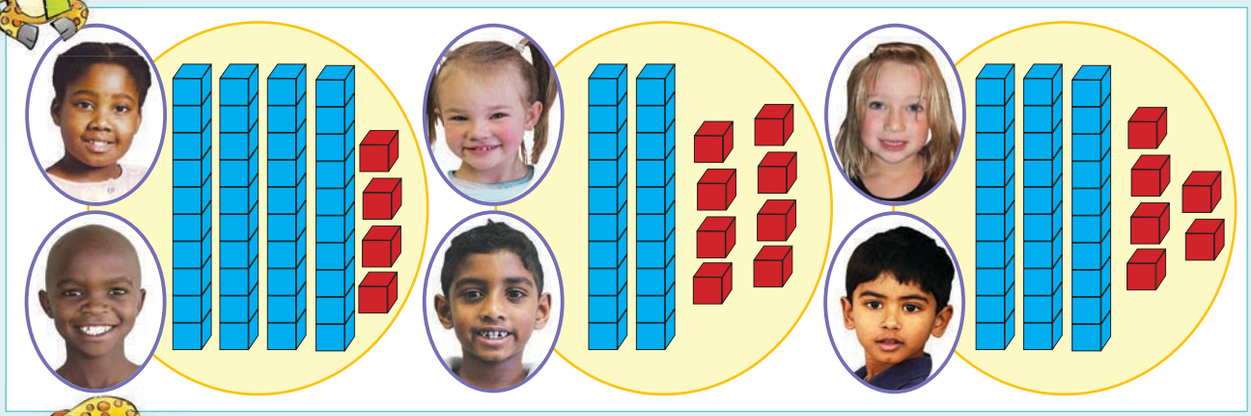
Teacher:
Sign:
Date:

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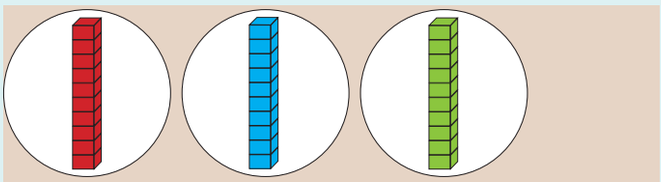
Umhla: .....

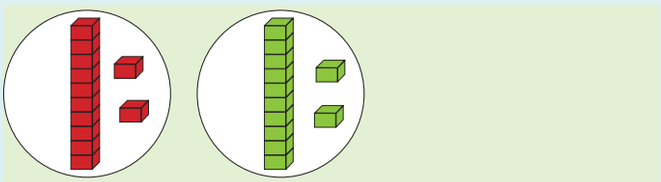
Ukwenza amaqela nokwahlulelana

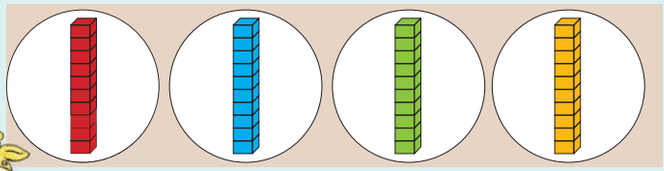
1 Zingaphi iibloko ezikwisangqa ngasinye? Zabe/zahlule ngokulinganayo phakathi kwabantwana.

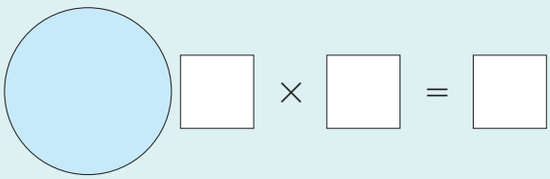


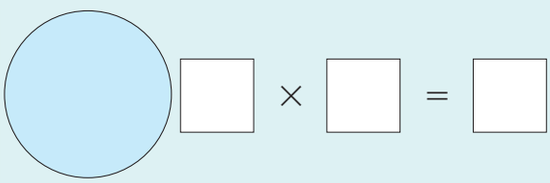
2 Zingaphi iibloko ezikwisangqa ngasinye? Bhala inani lazo zonke kwisangqa esizuba.

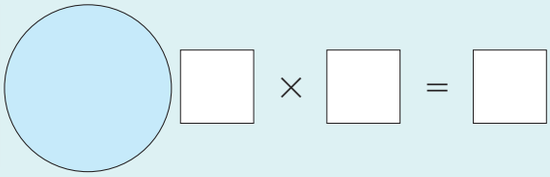




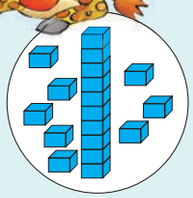


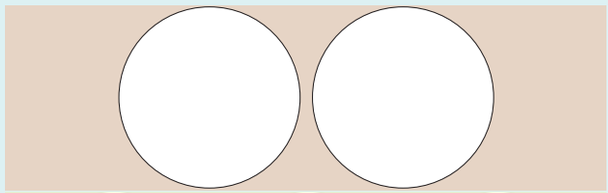


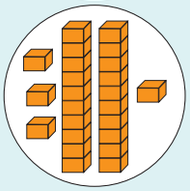


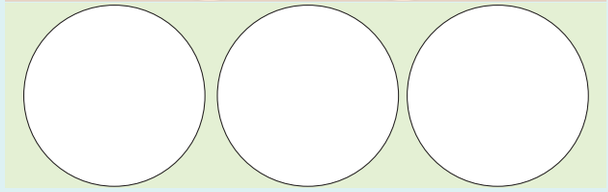


3 Yaba iibloko ngokulinganayo phakathi kwezi zangqa.









☐ zabiwe phakathi ☐ = ☐

☐ zabiwe phakathi ☐ = ☐



Zoba oku kulandelayo. Bhala isibalo.

Amaqela ama-3 ezi-2

+ Isibalo sokudibanisa:

× Isibalo sokuphinda-phinda:

Amaqela ama-2 ali-14

+ Isibalo sokudibanisa:

× Isibalo sokuphinda-phinda:

Yahlula izibalisi ezili-12 ka-4

− Isibalo sokuthabatha:

÷ Isibalo sokwaba phakathi (sokwaba):

Yahlula izibalisi ezingama-36 ka-3

− Isibalo sokuthabatha:

÷ Isibalo sokwaba phakathi (sokwaba):

Bala.

Amaqela ama-2 ezi-7 _____ Amaqela ama-3 ezi-8 _____

Amaqela ama-4 ezi-5 _____ Amaqela ama-2 e-15 _____

Yahlula i-18 ka-2 _____ Yahlula ama-24 ka-3 _____

Yahlula ama-35 ka-5 _____ Yahlula ama-50 nge-10 _____

Bekukho amaqela ama-6 ezi-5 ethekweni lam.
Bangaphi abantwana ababesethekweni lam?

Teacher:
Sign:
Date:

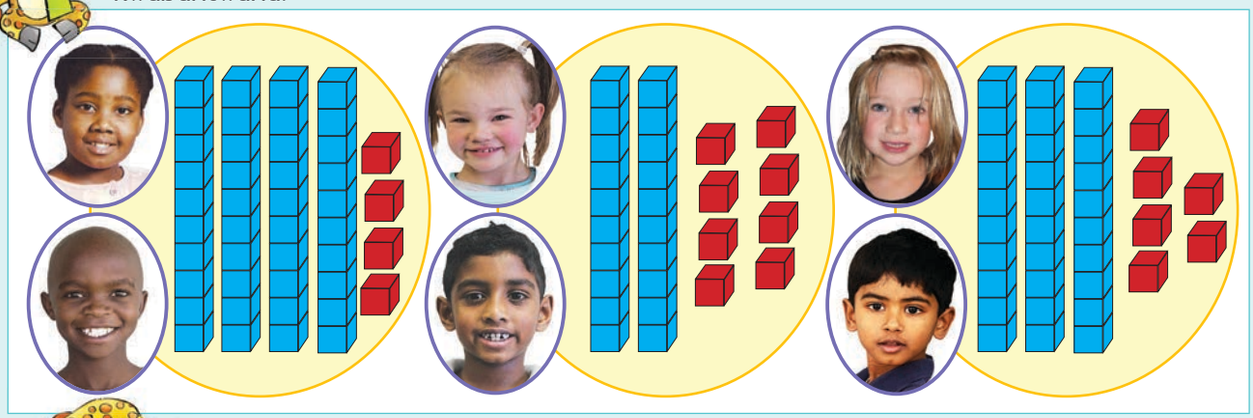
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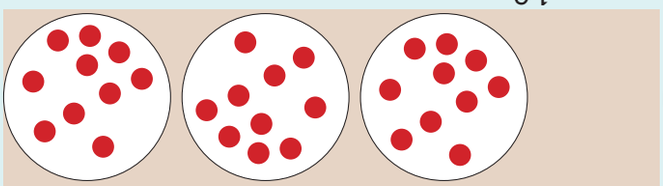
Umhla: .....

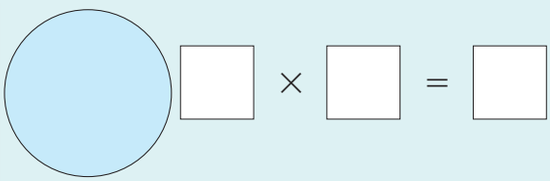
Okunye ukuqukanisa nokwaba

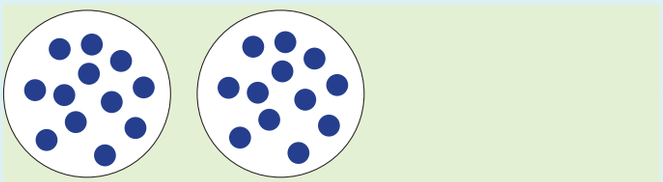
1 Zingaphi iibloko ezikwisangqa ngasinye? Zabe/zahlule ngokulinganayo phakathi kwabantwana.

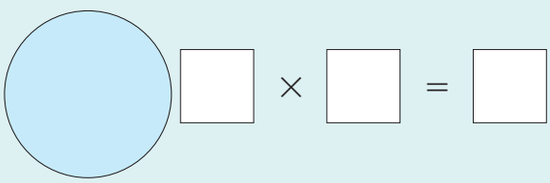


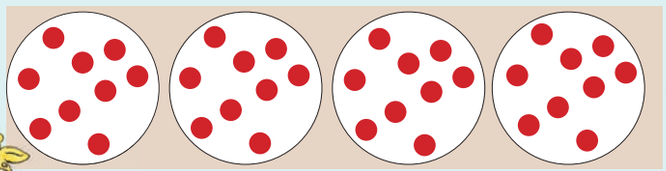
2 Zingaphi izibalisi ezikwisangqa ngasinye? Bhala inani lazo zonke kwisangqa esizuba.

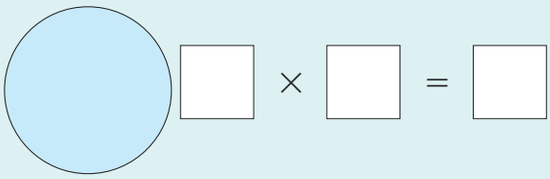




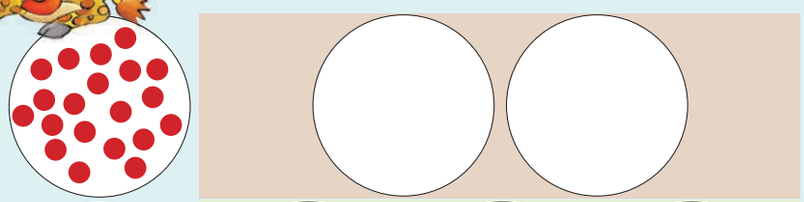


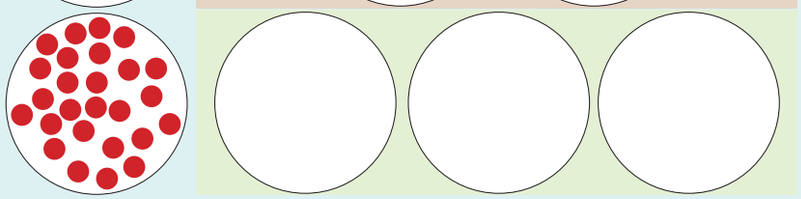






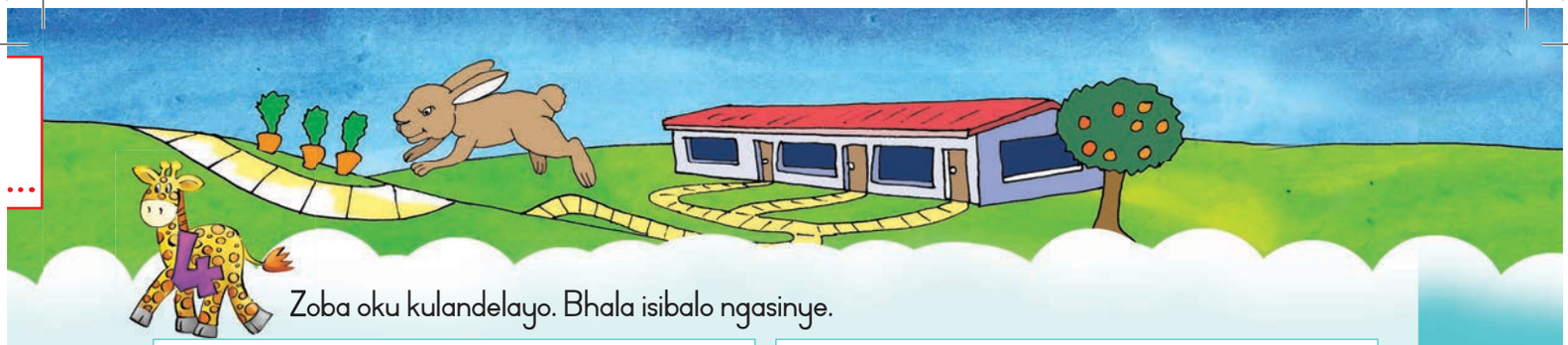
3 Yahlulahlula izibalisi phakathi kwezi zangqa.





zabiwe phakathi =

zabiwe phakathi =



Zoba oku kulandelayo. Bhala isibalo ngasinye.

Amaqela ama-3 e-12

+ Isibalo sokudibanisa:

× Isibalo sokuphinda-phinda:

Amaqela ama-5 e-10

+ Isibalo sokudibanisa:

× Isibalo sokuphinda-phinda:

Yahlula izibalisi ezingama-24 ka-4.

− Isibalo sokuthabatha:

÷ Isibalo sokwaba phakathi (sokwahlula):

Yahlula izibalisi ezingama-25 ka-5.

− Isibalo sokuthabatha:

÷ Isibalo sokwaba phakathi (sokwahlula):



Bala.

Amaqela ama-2 e-11 _____ Amaqela ama-3 e-10 _____

Amaqela ama-4 ezi-4 _____ Amaqela ama-2 ama-25 _____

Yahlula ama-20 ka-2 _____ Yahlula ama-27 ka-3 _____

Yahlula ama-50 ka-5 _____ Yahlula ama-28 ka-2 _____



yahlula phinda kabini

Teacher:

Sign:

Date:

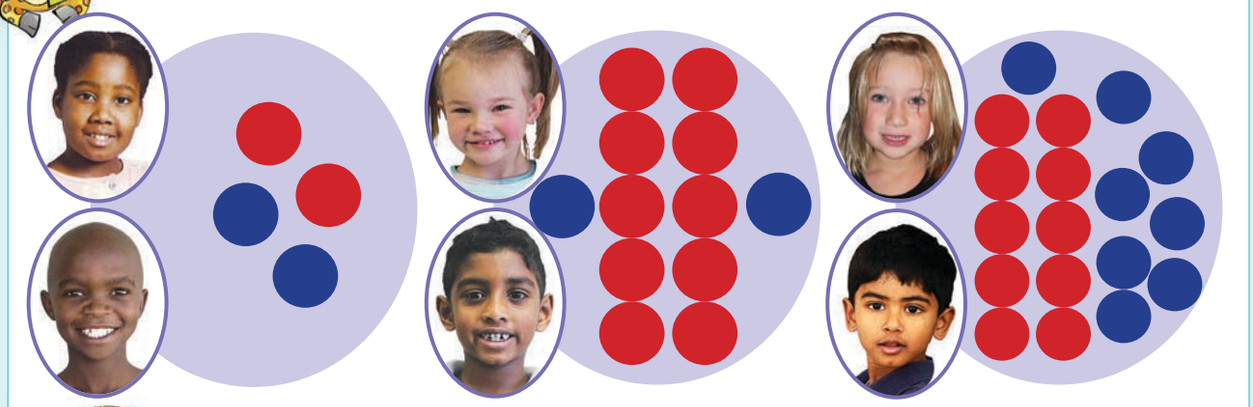
11 12 13 14 15 16 17 18 19 20



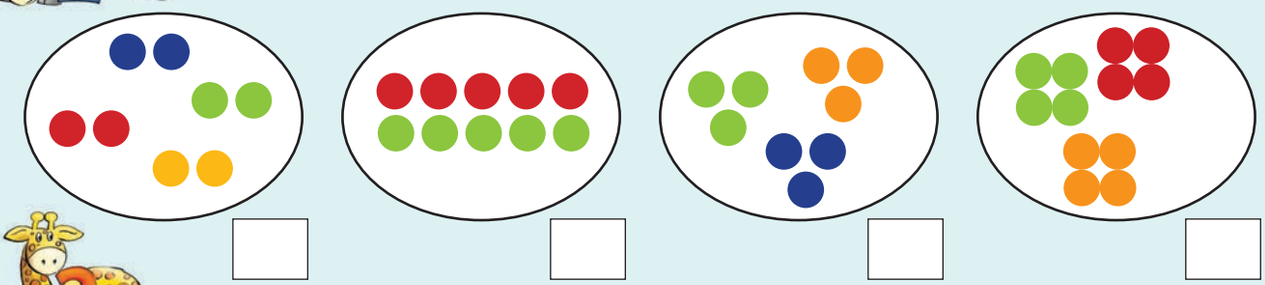
Umhla:

Ukuqukanisa nokwaba kwakhona

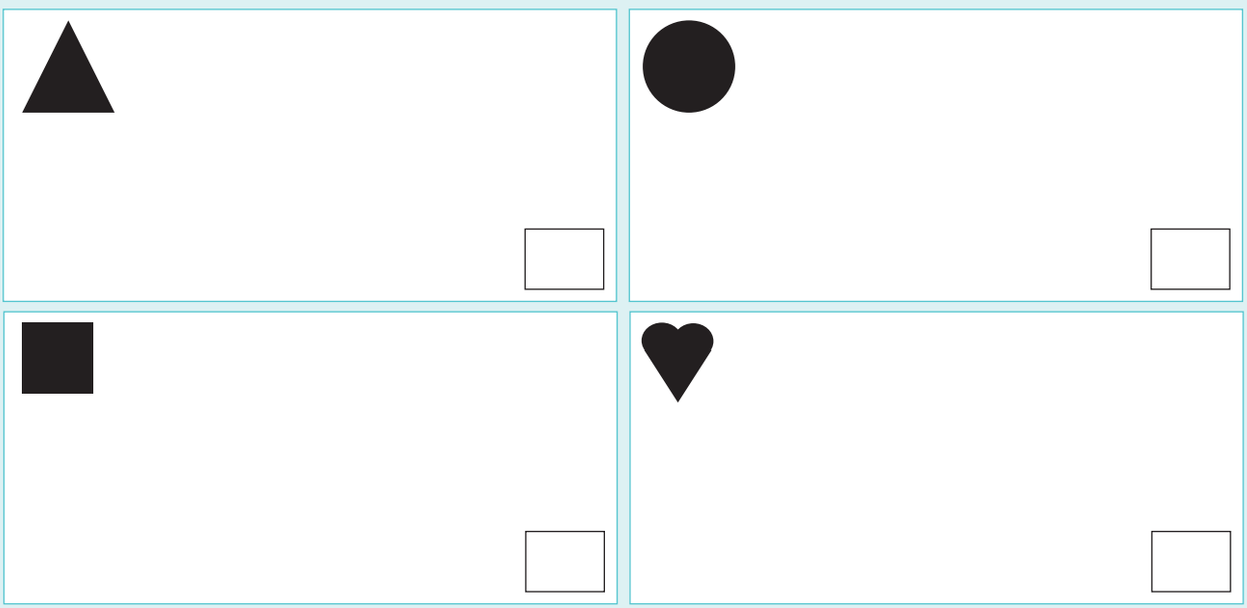
1 Zingaphi izibalisi ezikwisangqa ngasinye? Zabele abantwana ababini.



2 Zingaphi izibalisi eziphakathi kwesangqa ngasinye?



3 Sika iimilo eziphuma kuMsiko-4 uze uzincamathelise kwibloko echanekileyo. Bala iimilo.







Yahlulela abantwana iimilo. Sebenzisa iimilo eziphuma kuMsiko-4.
(Icandelo lephepha lomsebenzi 60)

oonxantathu





izikwere









Yahlulela abantwana iziqhamo. Zizobe.





amaorenji





ama-apile









UJohn noBelinda bahlulelene ngokulinganayo ngeelekese ezili-12. Ufumene iilekese ezingaphi emnye?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

61

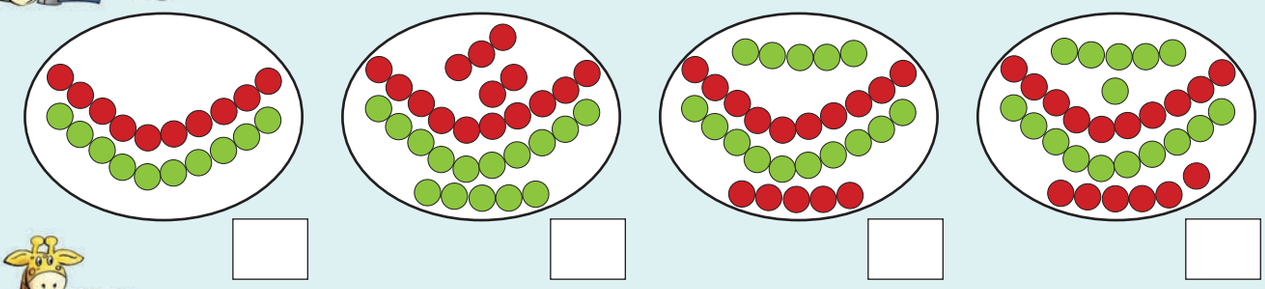
Umhla:

Ukuqukanisa nokwaba kwakhona

1 Mangaphi amaso aphakathi kwisangqa ngasinye? Wahlule phakathi kwabantwana.



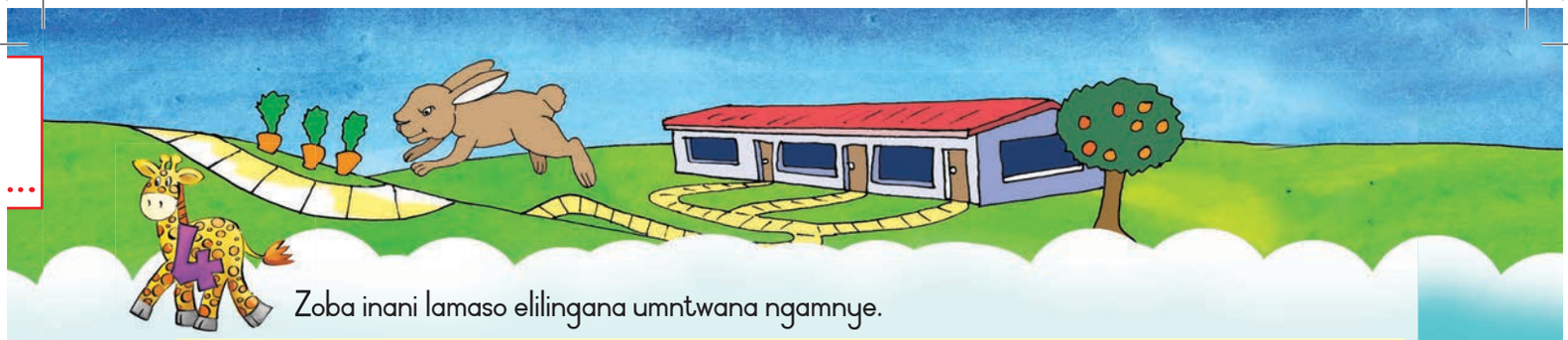
2 Mangaphi amaso akwisangqa ngasinye?



3 Sika amaso aphuma kuMsiko-4 (Icandelo lephepha lomsebenzi 61) uze uwancamathelise apha. Bala amaso.

Amaso abomvu	Amaso azuba
Amaso amthubi	Amaso aluhlaza

1 2 3 4 5 6 7 8 9 10

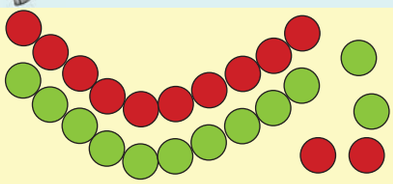
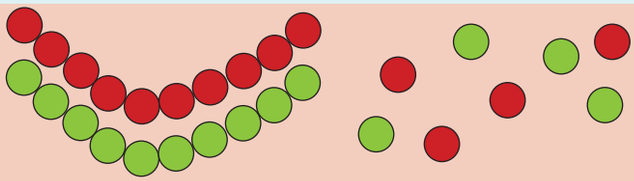


4 Zoba inani lamaso elilingana umntwana ngamnye.






5 Nika umntwana ngamnye inani lamaso ngokulinganayo. Wazobe.







6 UBusi noZaheda bahlulelene ngokulinganayo ngeepenisile ezingama-32. Ufumene iipenisile ezingaphi emnye?

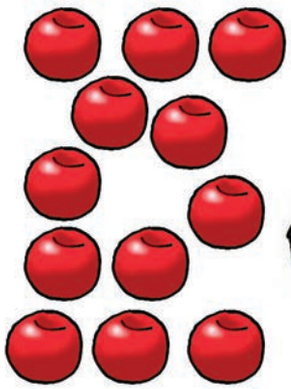
Teacher:
Sign:
Date:

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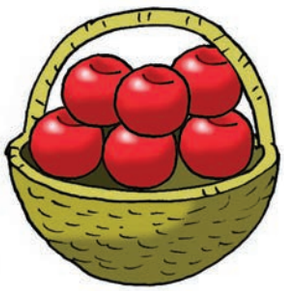


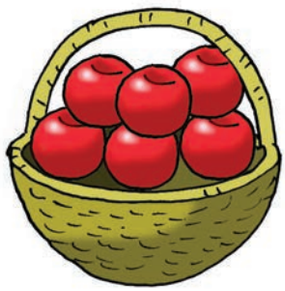
Umhla:

Iziqingatha: 1 – 20



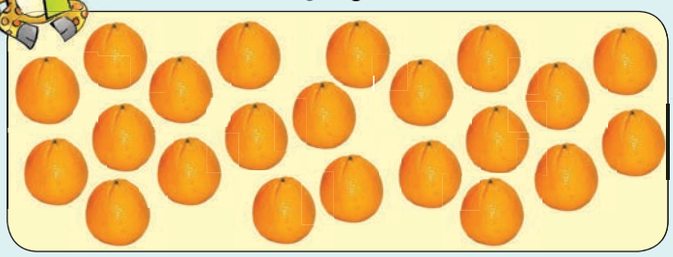
Xelela umhlobo wakho ukuba ungawahlula njani amaso phakathi kwezitya ezibini.

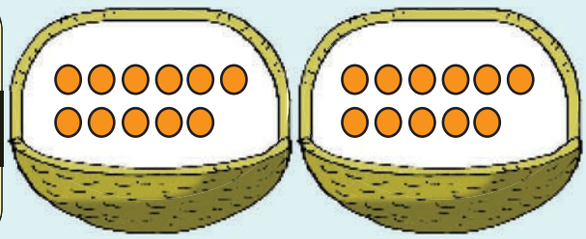


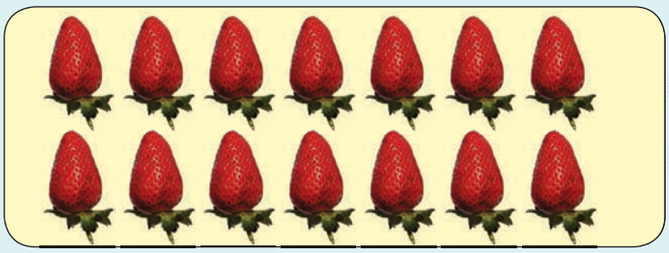


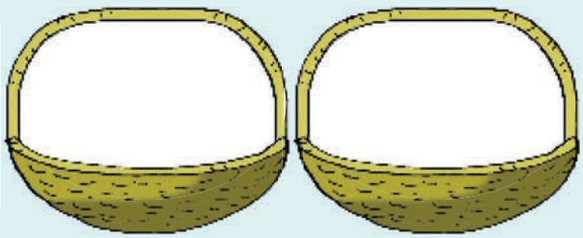


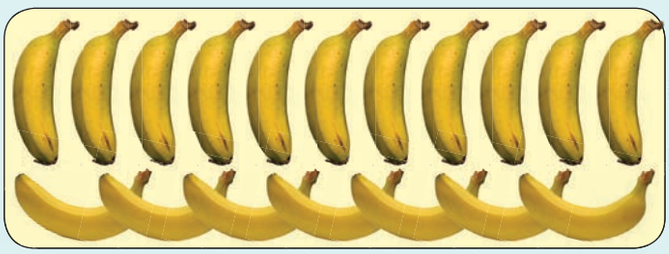
Yahlula amaso ngokulinganayo phakathi kweebhasikithi ezimbini. Wazobe xa uwafaka kwibhasikithi nganye.

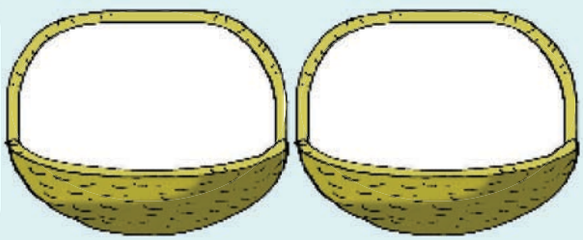


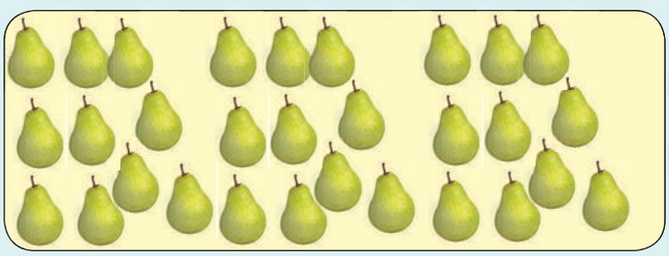


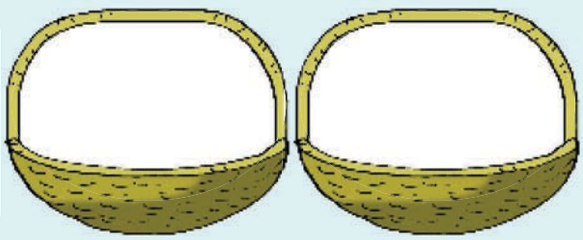






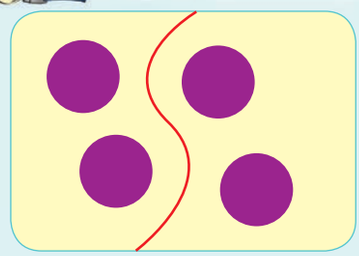




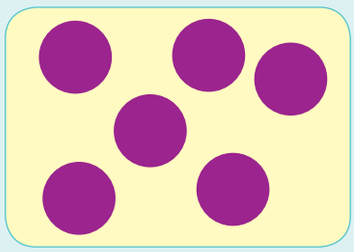




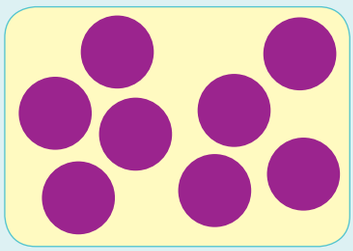
2 Krwela umgca ubonise isiqingatha.



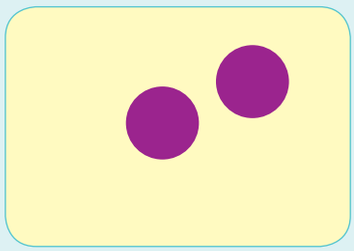
Isiqingatha sesi-4 sisi- 2



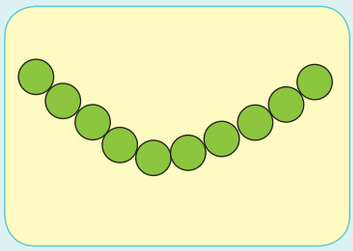
Isiqingatha sesi-6 sisi- ☐



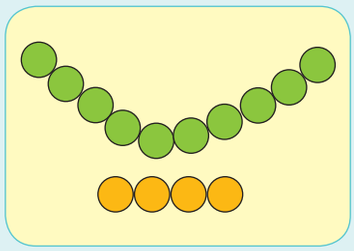
Isiqingatha sesi-8 sisi- ☐



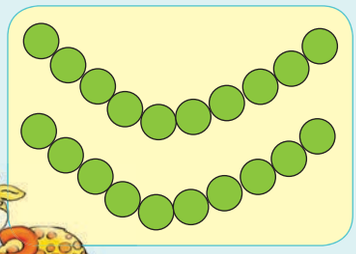
Isiqingatha sesi-2 ngu- ☐



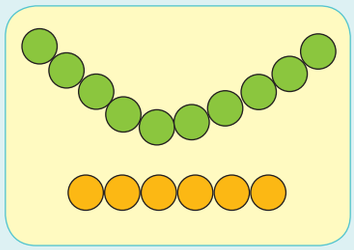
Isiqingatha se-10 sisi- ☐



Isiqingatha se-14 sisi- ☐

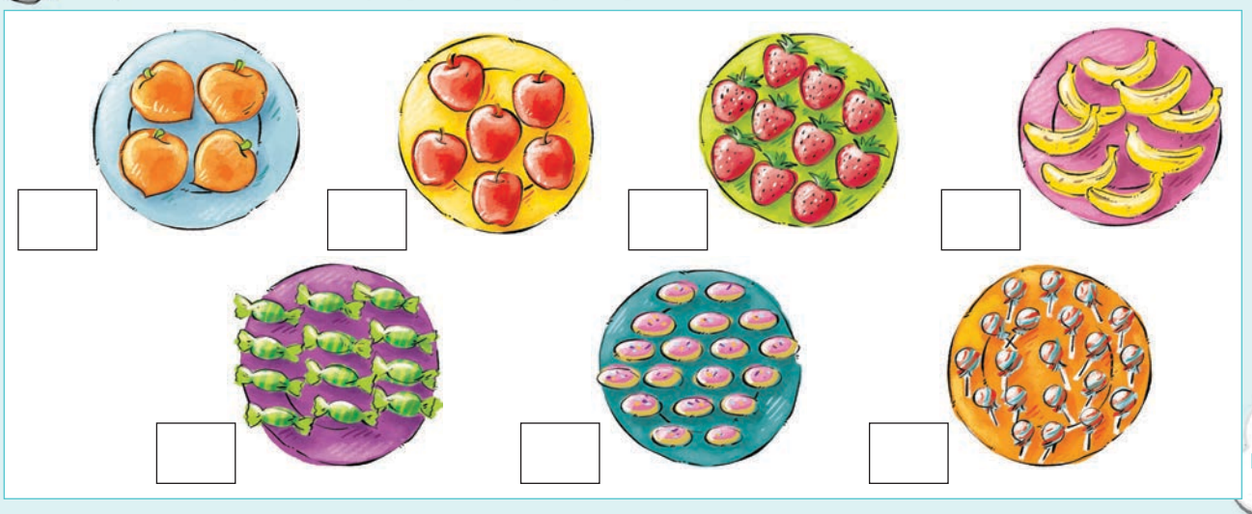


Isiqingatha sama-20 li- ☐



Isiqingatha se-16 sisi- ☐

3 Nika isiqingatha sepleyiti nganye yokutya.



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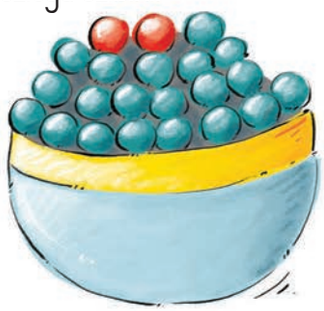
Umhla:

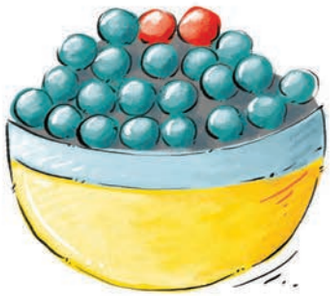
Ukwahlula-hlula 20 – 50



Xelela umhlobo wakho ukuba ungawahlula njani amaso phakathi kwezitya ezibini.

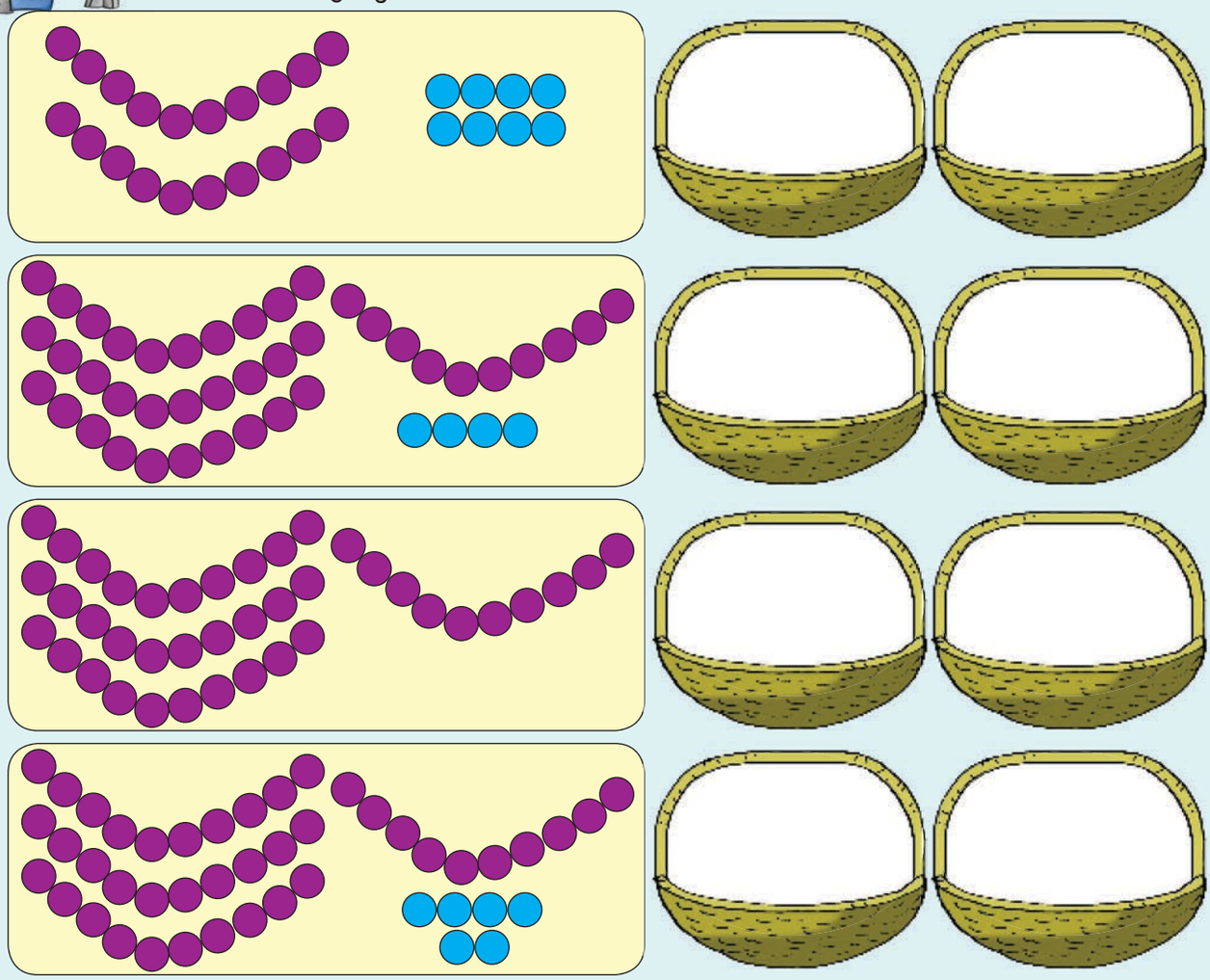








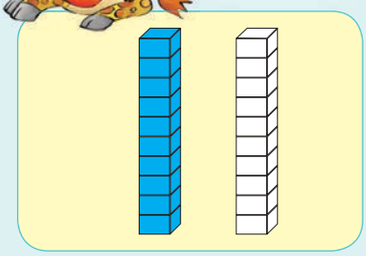
Yahlula amaso ngokulinganayo phakathi kweebhasikithi ezimbini. Wazobe xa uwafaka kwibhasikithi nganye.





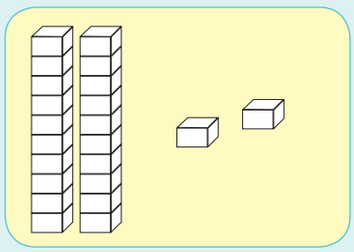


Yenza isiqingatha sibe ngumbala owahlukileyo.



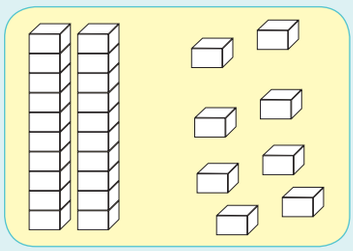
Isiqingatha sama-20

li- 10



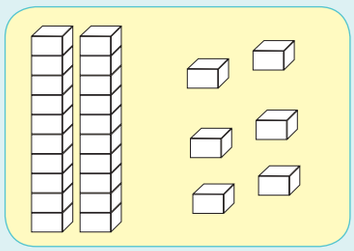
Isiqingatha sama-22

li- ☐



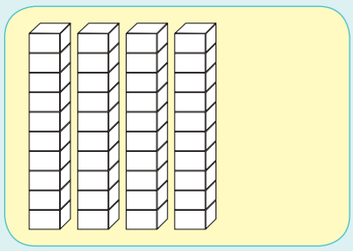
Isiqingatha sama-28

li- ☐



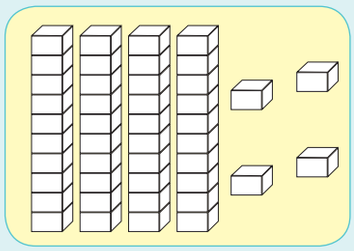
Isiqingatha sama-26

li- ☐



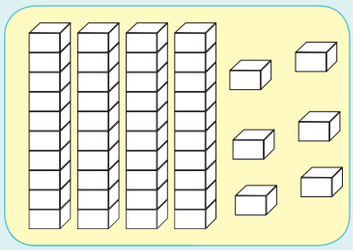
Isiqingatha sama-40

ngama- ☐



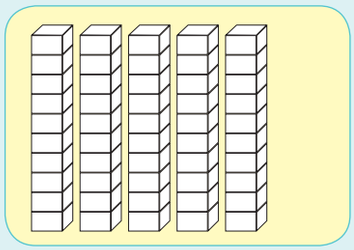
Isiqingatha sama-44

ngama- ☐



Isiqingatha sama-46

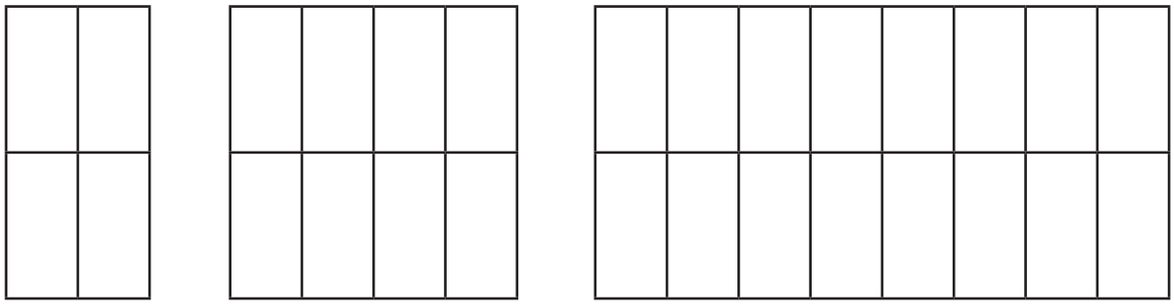
ngama- ☐



Isiqingatha sama-50

ngama- ☐

Faka umbala kwisiqingatha somfanekiso ngamnye.



Teacher:

Sign:

Date:

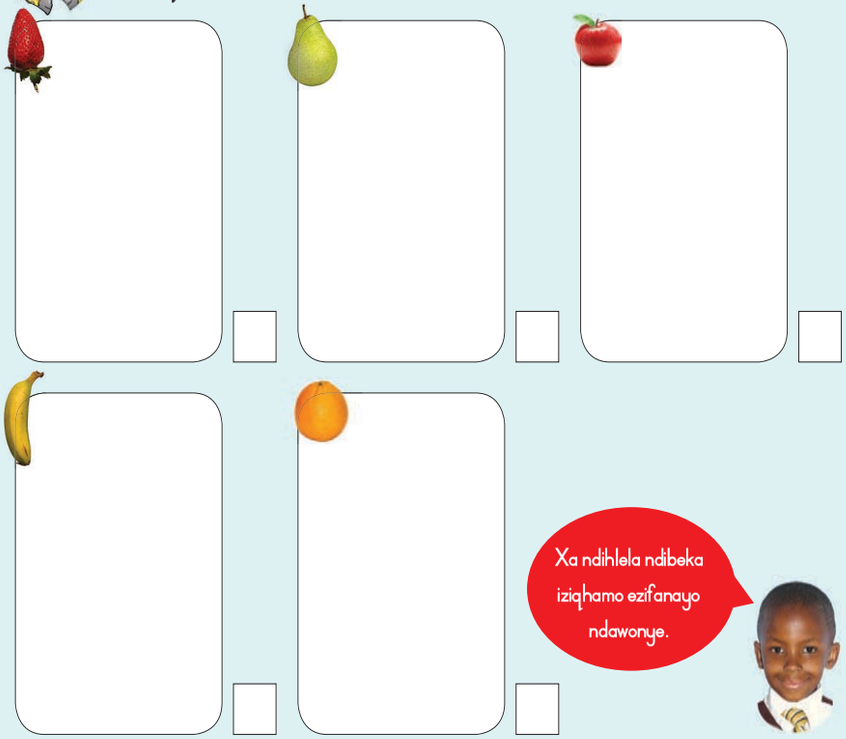
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Umhla:
.....

Idatha

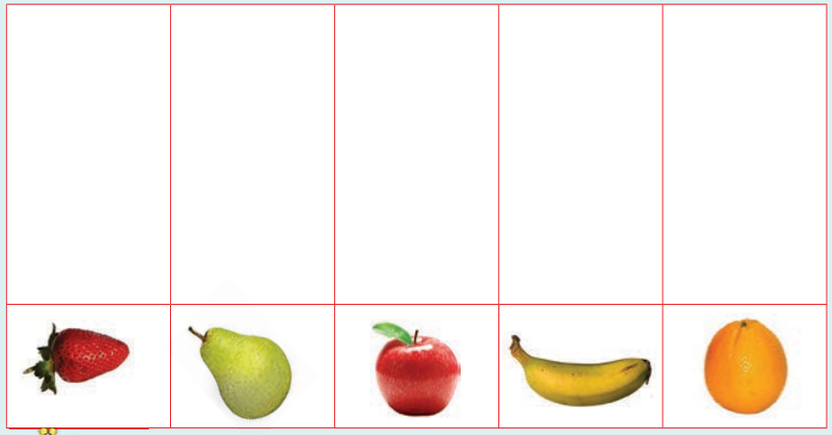


1 Hlela iziqhamo. Yenza owakho umzobo ubonise oku. Bhala inani ebhokisini.

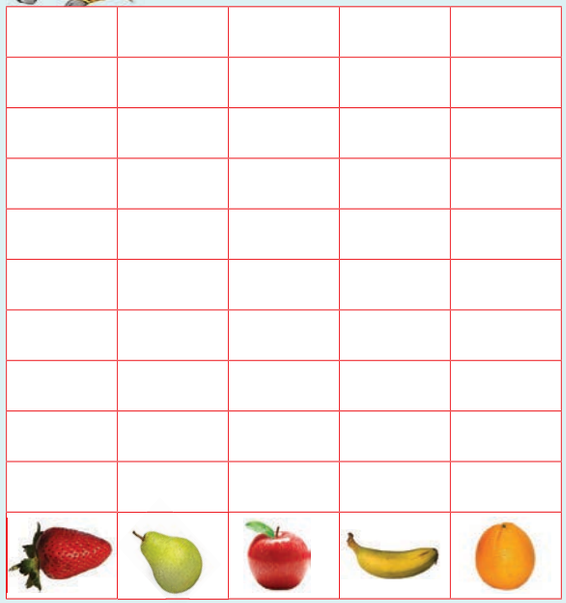


Xa ndihlela ndibeka iziqhamo ezifanayo ndawonye.

2 Zoba umfanekiso wegrafu yeziqhamo ozihlelileyo.



3 Jonga ezi ziqhamo uze uphendule imibuzo.



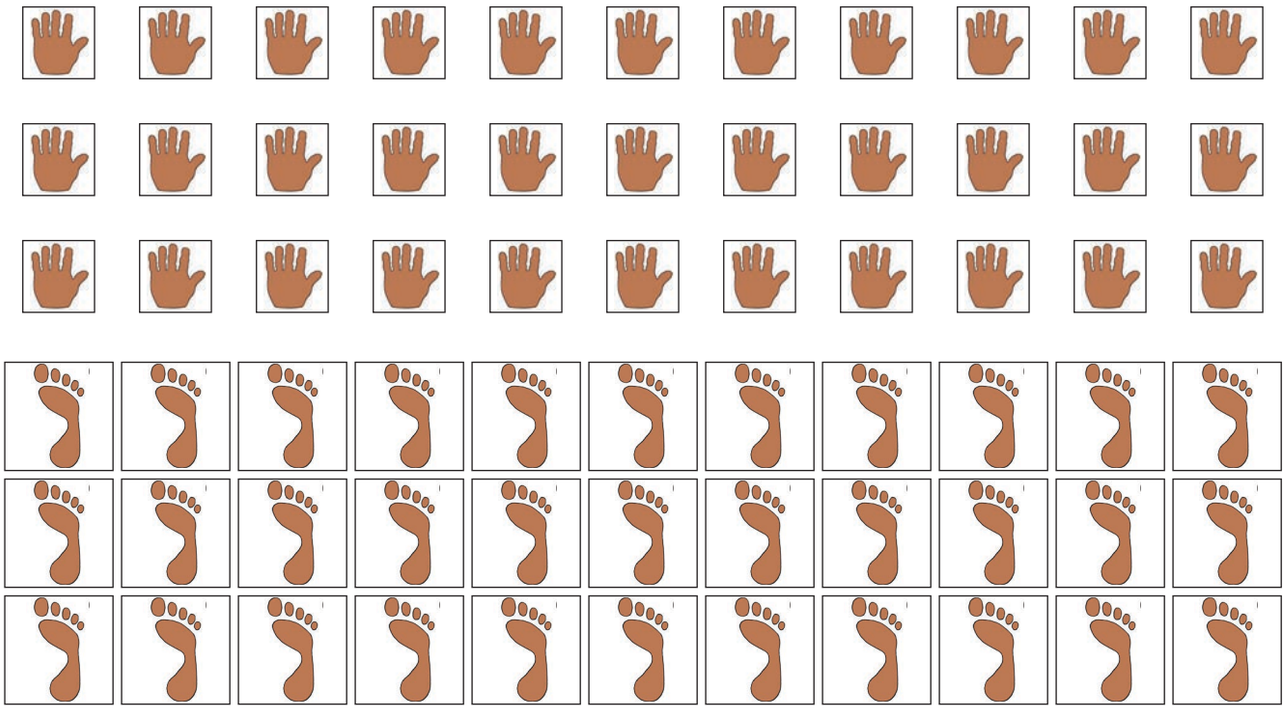
Zeziphi ezona ziqhamo zininzi esinazo?

Zeziphi ezona ziqhamo zimbalwa esinazo?

Teacher:
Sign:
Date:

Umsiko 1

Iphepha lomsebenzi le-10 nelama-40



Iphepha lomsebenzi le-13

ngentseni	ngorhatya	emva kwemini
ebusuku	ebusuku kakhulu	kusasa nasemva kwemini

Umsiko 2

Iphepha lomsebenzi lama-22

Iziganeko zeMbali nezibalulekileyo

Usuku lwamalungelo oluntu

Usuku loxolelwaniso

Usuku lwabasebenzi

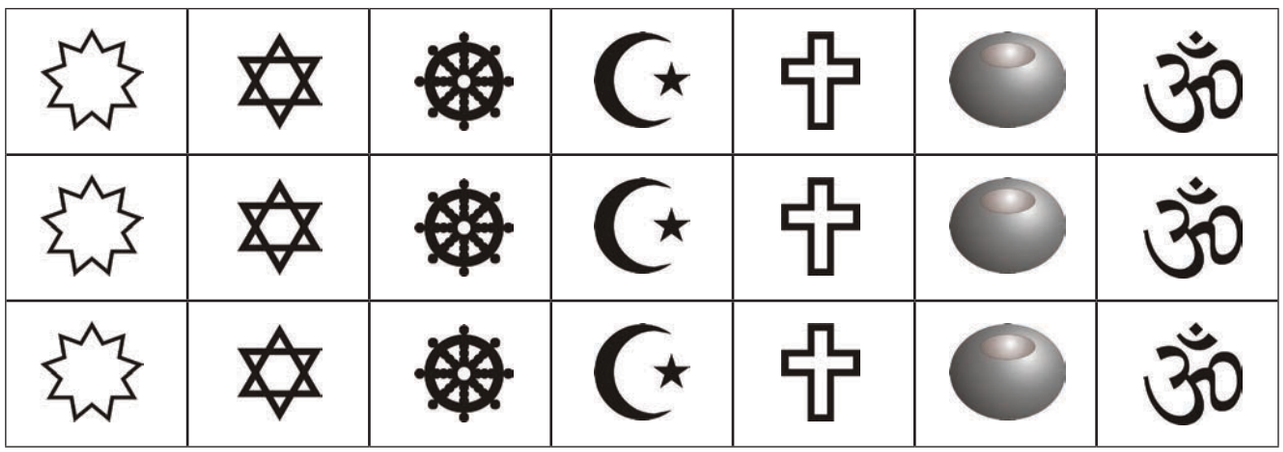
Usuku lolutsha

Usuku lwezamafa

Usuku lwamanina lwesizwe

Usuku lwenkululeko

Imiqondiso yezeenkolo



eyamaBahai eyamaJuda eyamaBhudda eyamaSilamsi eyamaKrestu eyesiNtu eyamaHindu

Cut-out 3

Worksheets 25 and 26

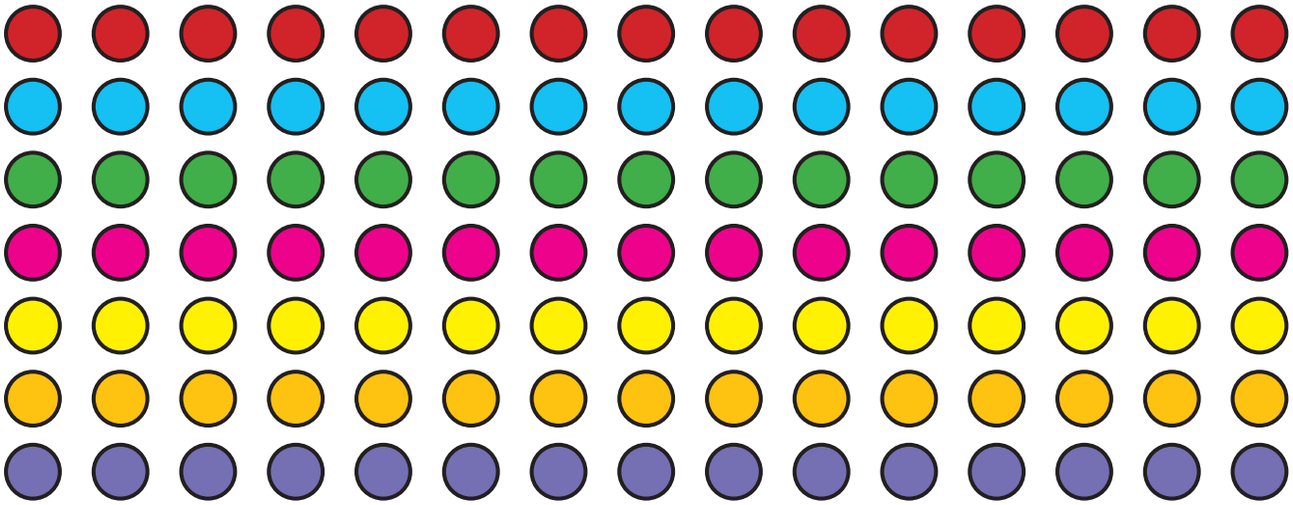


R50	R50	R50	R50	R50
R10	R10	R10	R10	R10
R20	R20	R20	R20	R20
R100	R100	R100	R100	R100
R50	R50	R50	R50	R50
R10	R10	R10	R10	R10
R20	R20	R20	R20	R20
R100	R100	R100	R100	R100

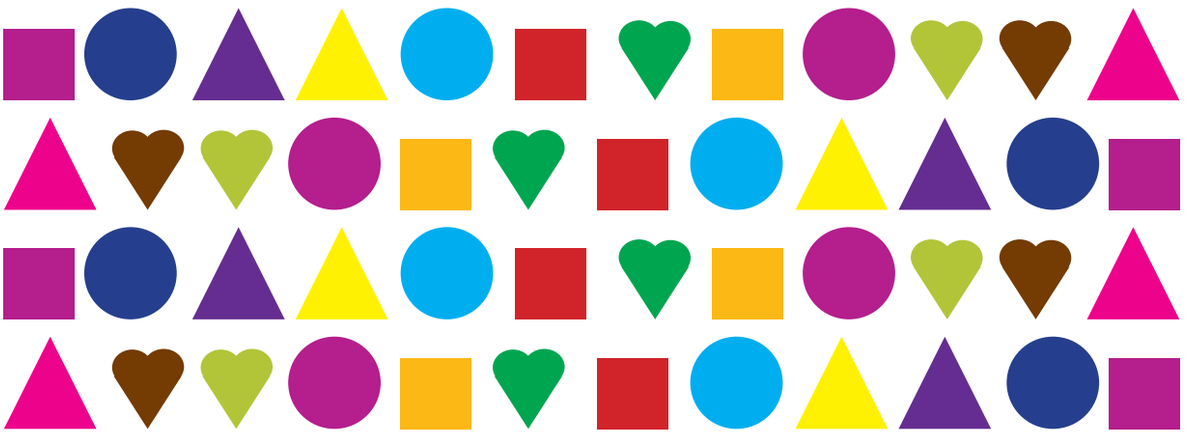
ENG MAT G2 B1 cut-outs.indd 142 2014/04/28 9:37 PM

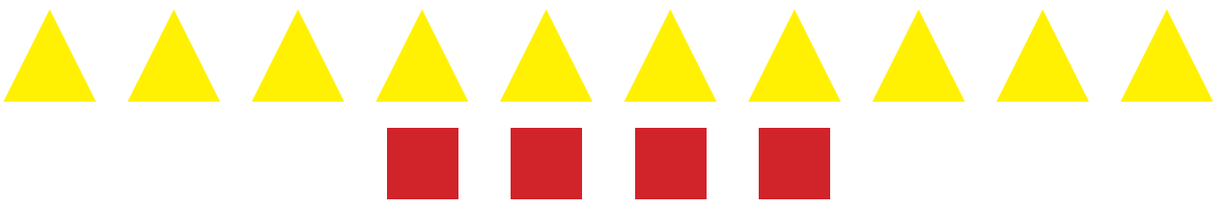
Cut-out 4

Worksheet 27

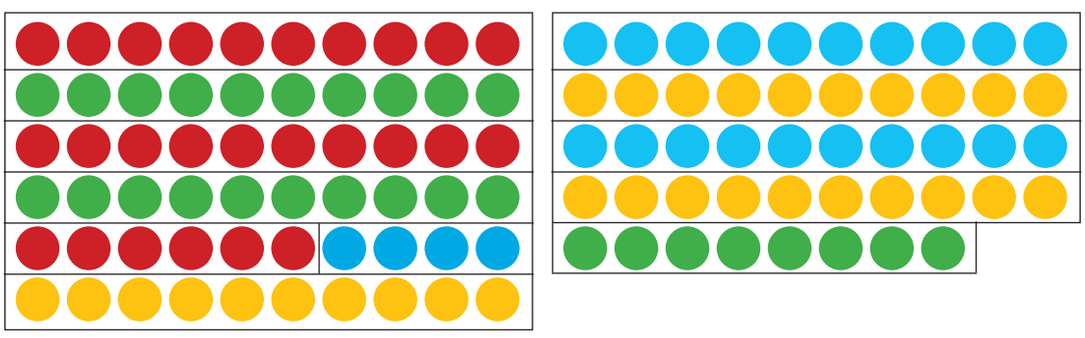


Worksheet 60





Worksheet 61



ENG MAT G2 B1 cut-outs.indd 144 2014/04/28 9:37 PM