

Ukufunda ngoMthethosisekelo weRiphabliki yeSewula (1996)

UMthethosisekelo weSewula Afrika (1996) umumethe imithetho yenarha eseqophelweni eliphezulu. Imithetho le kumele ilandelwe ngumongameli wenarha, abaphathi beenkundla zemithetho kanye nalabo abasembusweni.

Imithetho le ihlathulula kobana abantu benarha bafenele baphathane njani, ukuthi ngimaphi amalungelo wabo nokuthi ngiziphi iimbopho abanazo. UMthethosisekelo wenzelwe ukusivikela soke thina kanye nabentwana bethu ngomuso.

Kuqakathekile ukwazi izehlakalo zesikhathini esidlulile ko.

Asingabu yeleti iimphoso zangesi khathi esidlulile ko.

UMthethosisekelo usisiza ukucabanga nok wakha ilingomuso eling cono lethu soke.

Thina, abantu beSewula Afrika;

Siyakwazi ukungaphatheki kwethu ngokomthetho esikhathini esadlulako;

Siphathela phezulu abahlukunyezwa ngebanga lokobana kubenokulunga begodu nekuleleko enarheni yekhetu;

Sihlonipha labo abasebenze ekwakheni begodu nekuthuthukiseni iphasi lekhetu; begodu

Bakholelwa bonyana iSewula Afrika ngeyabo boke abahlala kiyo, sibambene ngokwahlukahlukana kwethu.

Ngalakho-ke, ngabajameli bethu abakhethwe ngokukhululekileko; samukela uMthetho-sisekelo lo njengoMthetho wokuthoma weRiphabliki oza—

Kuqeda ukwahlukana okwadlulako begodu sakhe umphakathi ozokudzimelela kuminqopho yentando yenengi ubulungiswa begodu namalungelo wangokomthetho wobuntu.

Ukubeka isisekelo sentando yenengi begodu nomphakathi onzinzileko lapho umbuso unzinze khona phezu kwentando yesitjhaba begodu lapho zoke izakhamuzi zivikelwe khona ngokomthetho.

Ukwenza ncono izinga lepilo yazo zoke izakhamuzi begodu nokuvezwa kwekgono lawo woke umuntu;

Ukwakha, iSewula Afrika ebumbeneko begodu nenentando yenengi ezokwazi ukuthatha indawo yayo njengenarha ezijameleko emndenini weentjhabatjhaba.

Funa ngekani amalungelo wakho njengesakhamuzi seSewula Afrika bewube nesibopho sokuvikela amalungelo wabanye abantu.

Ukwazi umThethomling wa wamalungelo Kanye nomThethomling wa weembopho.

UZimu akavikele abantu bekhethu.

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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MATHEMATICS IN ISINDEBELE

GRADE 2 – BOOK 1

TERMS 1 & 2

ISBN 978-1-920458-97-3

THIS BOOK MAY NOT BE SOLD.

15th Edition



IIMBALO NGESINDEBELE – iGreyidi 2 Incwadi 1

ISBN 978-1-920458-97-3

Ukubuyekeza, ihlaliswe ngokwesititimende seKharukhyulamu nomThethomgomo wokuhlola.



iGreyidi 2

Ibizo:

Itlasi:



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

IIMBALO NGESINDEBELE

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Ithemu
1 & 2

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UKz. Angie Motshekga,
nguNqongqotjhe
weFundo-Sisekelo



Dorh. Reginah Mhaule
nguSekela kaNqongqotjhe
weFundo-Sisekelo

Iincwadi lezi zenzelwe abantwana beSewula Afrika ngaphasi koburholi bakaNqongqotjhe wezeFundo-Sisekelo uMma u-Angie Motshekga kanye neSekela lakhe Dorh. Reginah Mhaule.

Iincwadi zokuSebenzela zakwaRainbow ziyingcenywe yeendlela ezinengi zomNyango wezeFundo-Sisekelo wokungenelela onqophe ukuthuthukisa ukusebenza ngcono kwabafundi beSewula Afrika kumagreyidi wokuthoma asithandathu. Njengamanye wamaHlelo womBuso aphuma phambili, iphrojekthi le isekelwe ngeemali ezibuya esiKhwameni seeMali seLizweloke. Lokhu kusize umNyango ukukhupha iincwadi zokusebenzela lezi ngawo woke amalimi asemthethweni ngaphandle kweendleko.

Siyathemba kobana nizokufunyana iincwadi zokusebenzela lezi zilisizo khulu ekufundiseni kwenu kwangamalanga kanye nokuqinisekisa kobana abafundi benu bayayiqeda ikharikhyulamu. Sitjheje khudlwana ukuhlahla abotitjhere komunye nomunye umsebenzi ngokusebenzisa iinthombe ezitjengisako bona ngikuphi umfundi amele akwenze.

Siyathemba kobana abantwana bazokuthabela ukusebenzisa iincwadi lezi njengombana bakhula bebefunda nje, begodu wena titjhere uzokwabelana nabo ithabo lokufunda.

Sinifisela ipumelelo ekusebenziseni iincwadi lezi.



IGreyidi

2



NGESINDEBELE

Incwadi le ngeyaka-:



ISINDEBELE

Incwadi



Ilanga:

Mina nomdeni wakwethu

Ngineminyaka
ebunane.



Inomboro
yendlu yekhaya
li-12.



Ngingomncani
emndenini
wakwethu.



Nginabodade
ababili.



Ubaba
uneminyaka
ema-32
ubudala.



Zalisa iimpendulo emibuzweni elandelako mayelana nawe kanye nomndenini wakwenu.

Ibizo lami ngingu _____.

Ngine _____ ubudala.

Emnyakeni emibili edlulileko bengi _____ ubudala.

Emnyakeni owodwa ngizabe ngi _____ ubudala.

Ngihlala _____.

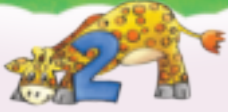
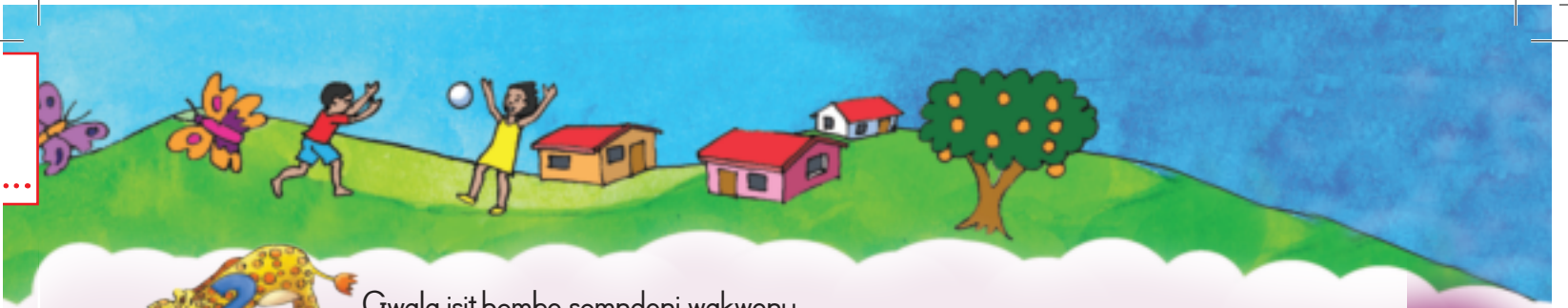
Ngubani omdala emndenini wakwenu? _____

Tlola kobana omdala lo uneminyaka emingaki. _____

Ngubani omncani emndenini wakwenu? _____

Tlola kobana omncani lo uneminyaka emingaki. _____

Idatamu yanamhlanje _____.



Gwala isithombe somndeni wakwenu.

Large empty rectangular area for drawing or writing.



1 2 3 4 5 6 7 8 9



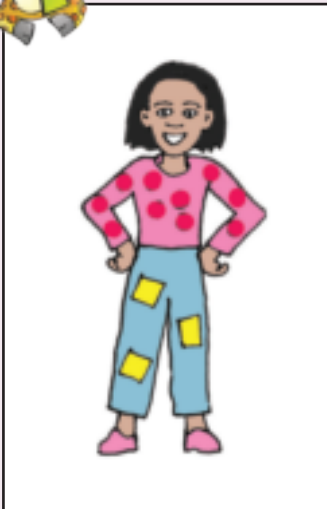
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Date:

11 12 13 14 15 16 17 18 19 20

Ukubala



Bala uzalise iinkhala ezinganalitho.

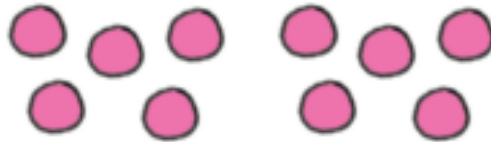


amehlo

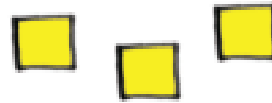


2

amacaphazi



amapetjhi



amehlo

amacaphazi

amapetjhi



amehlo

amacaphazi

amapetjhi



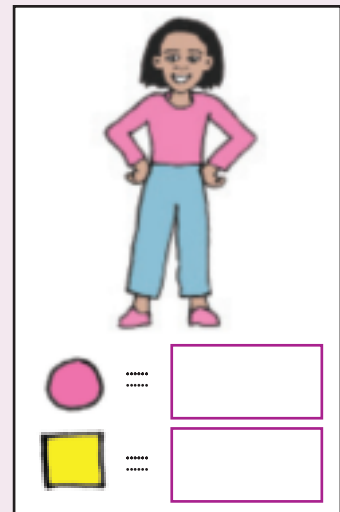
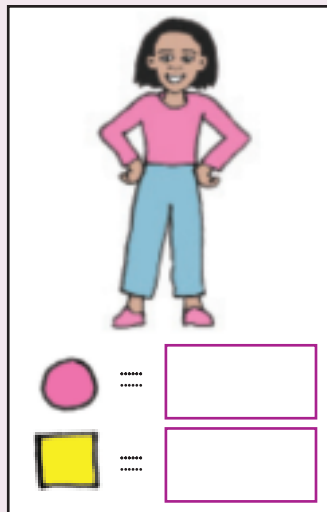
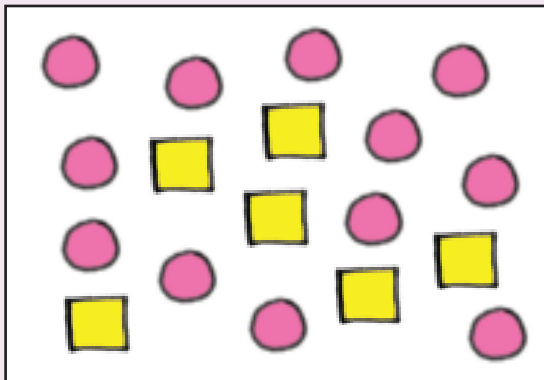
amehlo

amacaphazi

amapetjhi



Yaba amacaphazi
namapetjhi
ngokulingana.



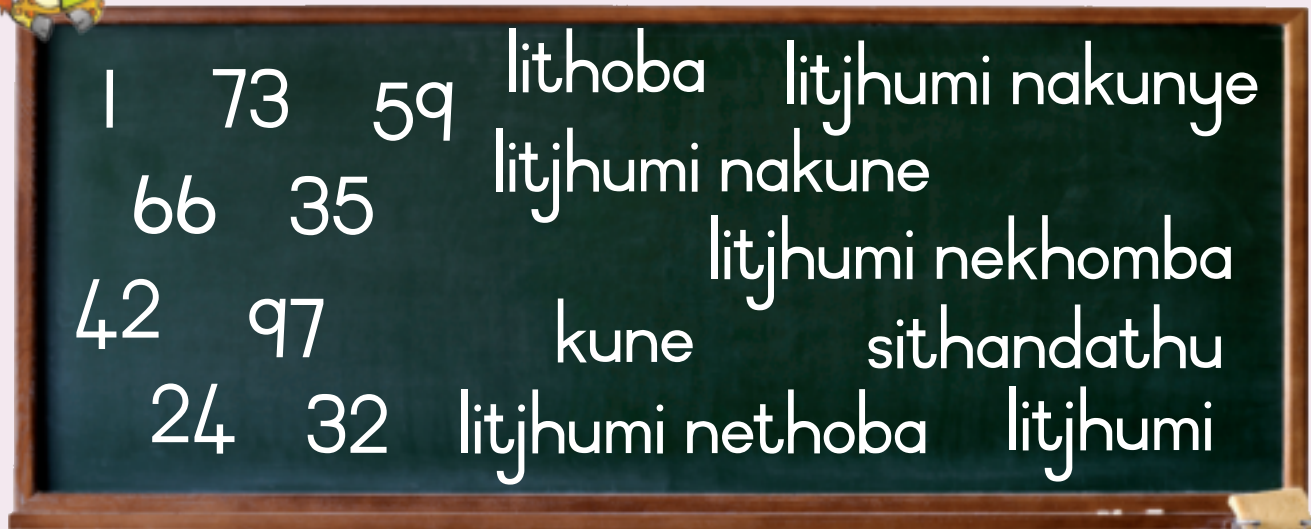
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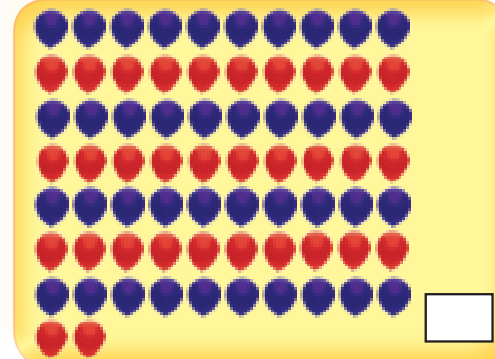
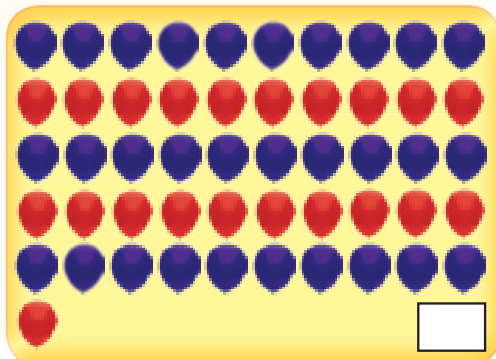
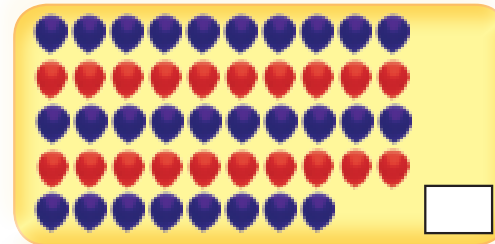
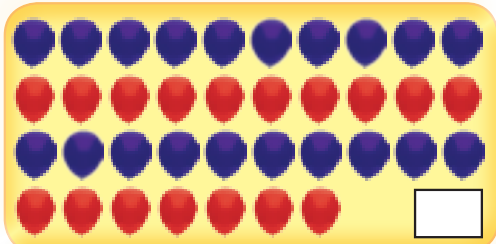
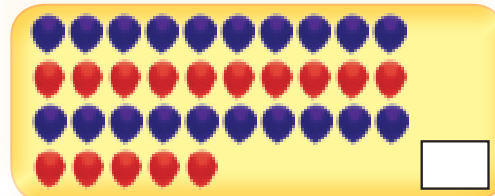
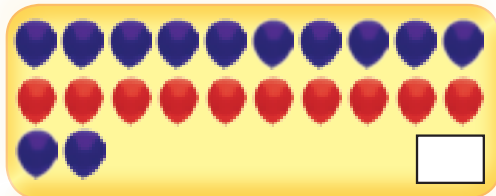
Date:

Iinomboro

Funda amatshwayo weenomboro namagama ebhodini.



Tlola isibalo somncamo ngebhlogweni.





Tlola iinomboro ezilandelako ngamagama.

6

4

8

1

2

5

0

10

3

9

12

17

14

22

18

11

20

15

13

16



37 38 39 40 41 42 43 44

89 90 91 92 93 94 95 96



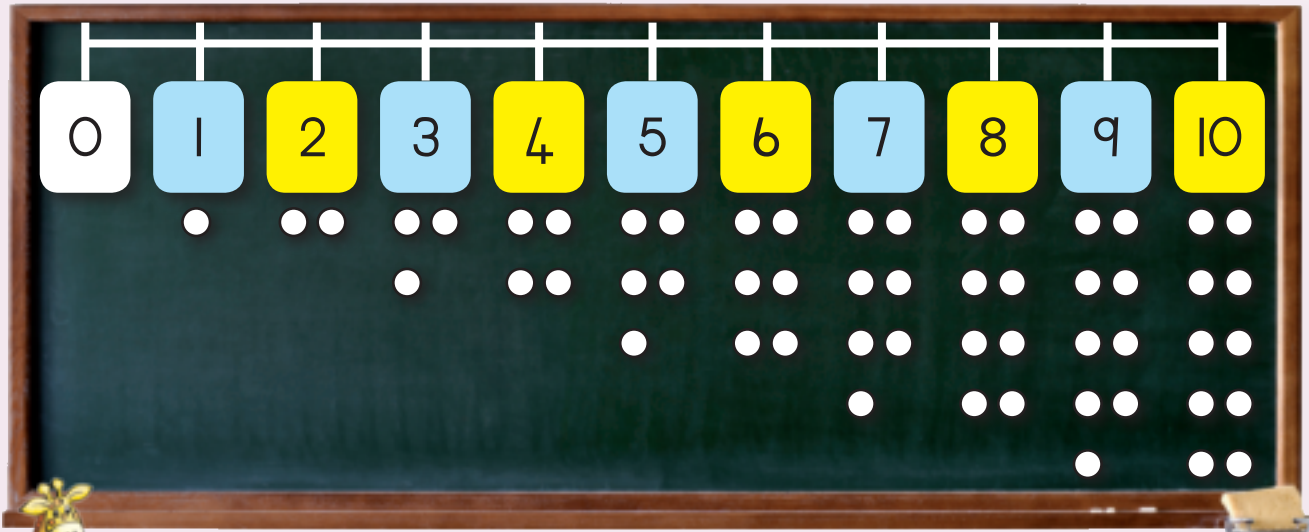
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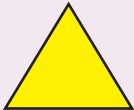
Date:

11 12 13 14 15 16 17 18 19 20

Ezinye iinomboro



Gwala u $\triangle$ ngeenomboro ezilinganako no $\bigcirc$ ngeenomboro ezingalinganiko.



linganako



ngalinganiko

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

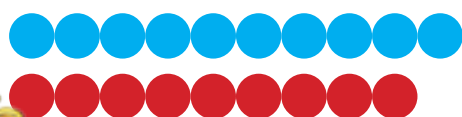
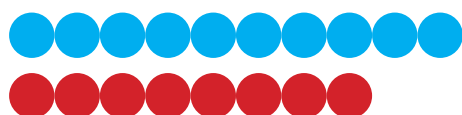
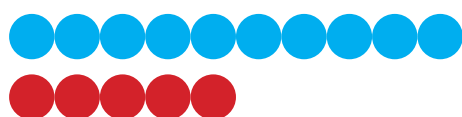


Isibalo sezindlu.





Bala imibala yomibili yomncamo.



Tlola inomboro eyipendulo.

$$10 + 2 = 12$$

$$10 + 3 = \square$$

$$10 + 5 = \square$$

$$10 + 8 = \square$$

$$10 + 9 = \square$$

Singayitlola njengokuthi:

$$10 + 2 = 12$$

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

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

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

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



Ithini ipendulo.

$$10 + 1 = \square$$

$$10 + 8 = \square$$

$$10 + 5 = \square$$

$$10 + 9 = \square$$

$$10 + 2 = \square$$

$$10 + 4 = \square$$

$$10 + 6 = \square$$

$$10 + 3 = \square$$

$$10 + 7 = \square$$



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



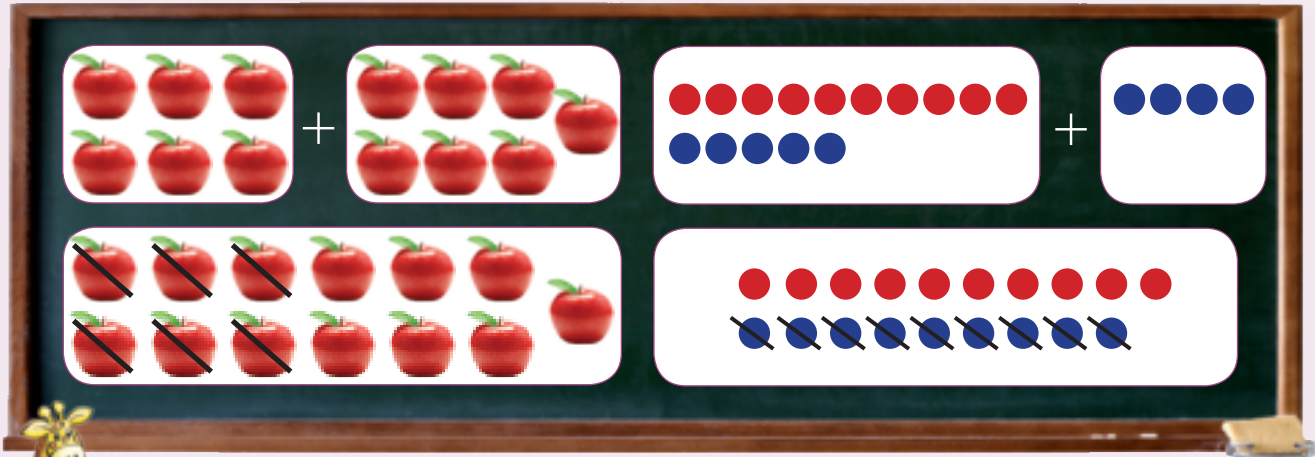
Teacher:

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Date:

11 12 13 14 15 16 17 18 19 20

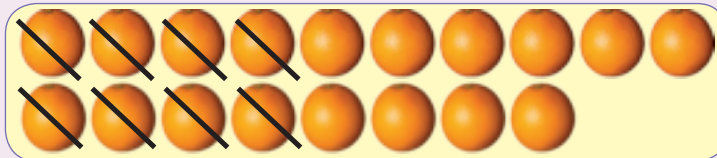
Ukuhlenganisa nokukhupha



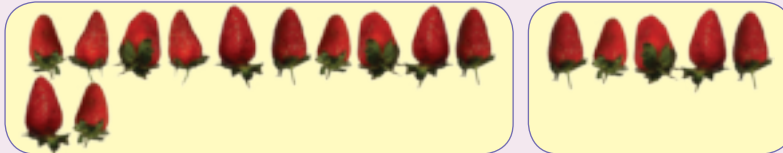
Hlenganisa begodu ukhuphe.



$$9 + 8 = \boxed{17}$$



$$18 - 8 = \boxed{10}$$



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



$$\boxed{8} + \boxed{8} = \boxed{16}$$



Bala.



$$\boxed{4} + \boxed{4} = \boxed{8}$$

$$6 + 5 = \boxed{11}$$

$$8 + 9 = \boxed{17}$$

$$11 + 3 = \boxed{14}$$

$$12 - 5 = \boxed{7}$$

$$8 + 7 = \boxed{15}$$

$$3 + 8 = \boxed{11}$$

$$9 - 5 = \boxed{4}$$

$$16 - 9 = \boxed{7}$$

$$6 + 4 = \boxed{10}$$

$$8 + 4 = \boxed{12}$$

$$8 - 4 = \boxed{4}$$

$$6 - 4 = \boxed{2}$$



Hlanganisa.

$$\begin{array}{|c|} \hline \text{Apple} \\ \hline 2 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Apple} \\ \hline 2 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Apple} \\ \hline 2 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Apple} \\ \hline 2 \\ \hline \end{array} = \begin{array}{|c|} \hline \text{8 Apples} \\ \hline 8 \\ \hline \end{array}$$

	+		+		=					
	+		+		=					
	+		+		+		=			
	+		+		+		=			
	+		+		+		+		=	
	+		+		+		+		=	
	+		=							
	+		=							



Bala.

$2 + 2 + 2 = \square$	$1 + 1 + 1 + 1 + 1 + 1 = \square$	$2 + 2 + 2 + 2 = \square$
$4 + 4 = \square$	$3 + 3 + 3 + 3 = \square$	$4 + 4 + 4 + 4 = \square$
$5 + 5 + 5 = \square$	$5 + 5 = \square$	$1 + 1 + 1 = \square$



$$2 + 2 + 2 + 2 + 2 + 2$$



Teacher:

Sign:

Date:

6

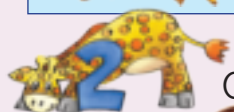
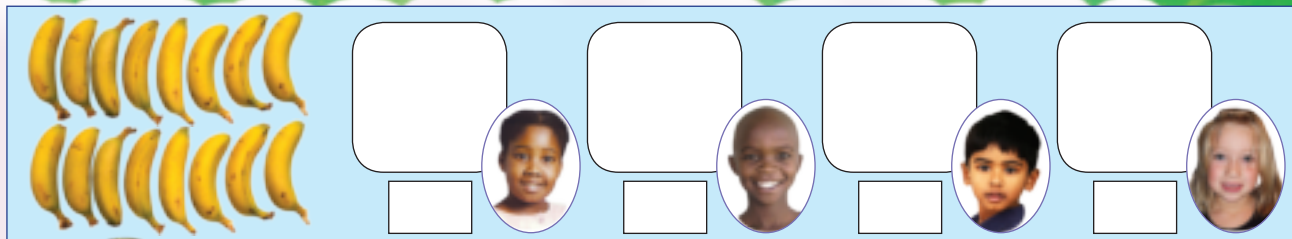
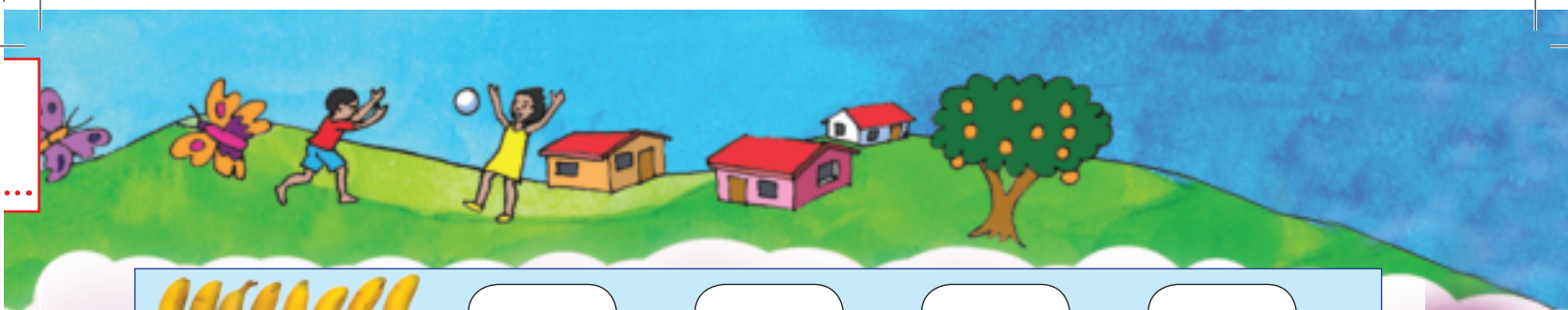
Ilanga:

Ithemu I

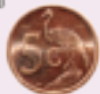
Ukwabelana kanye nemali



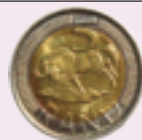
Yabelana ngeentlo ezingenzi.



Qedelela.



amasende ama-5



Khalara amasende nemali yamaphepha enembako ukuze nayihlanganiswako yenze inani elisesithombeni sokuthoma samasende nanyana imali yamaphepha.



=



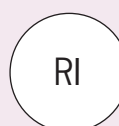
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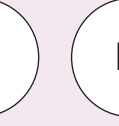
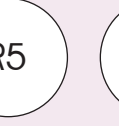
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=



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R1

1c

R5

5c

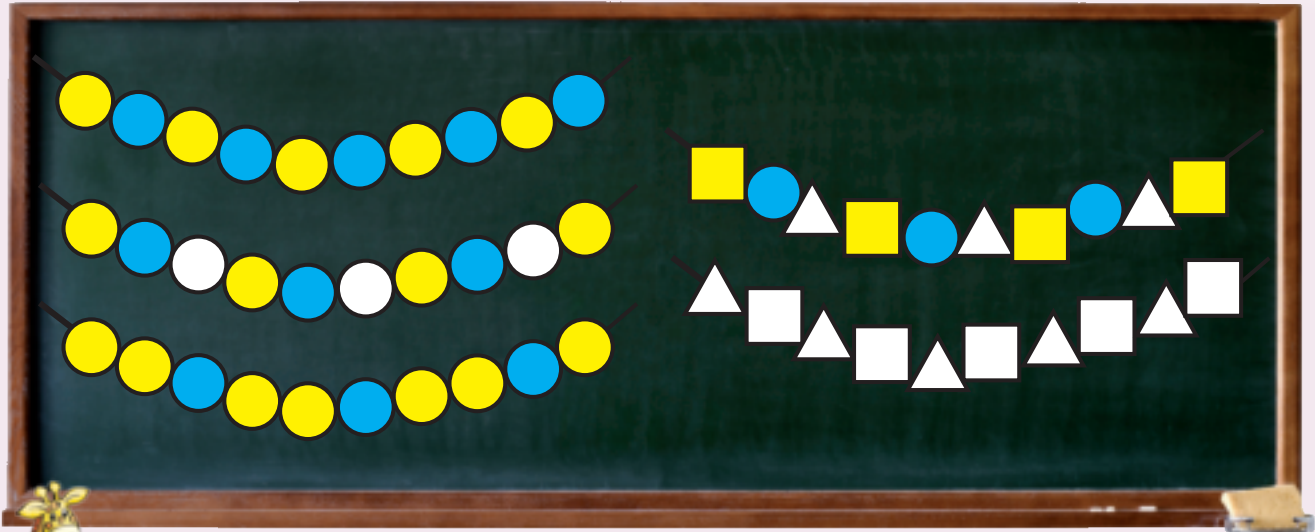
R10

Teacher:

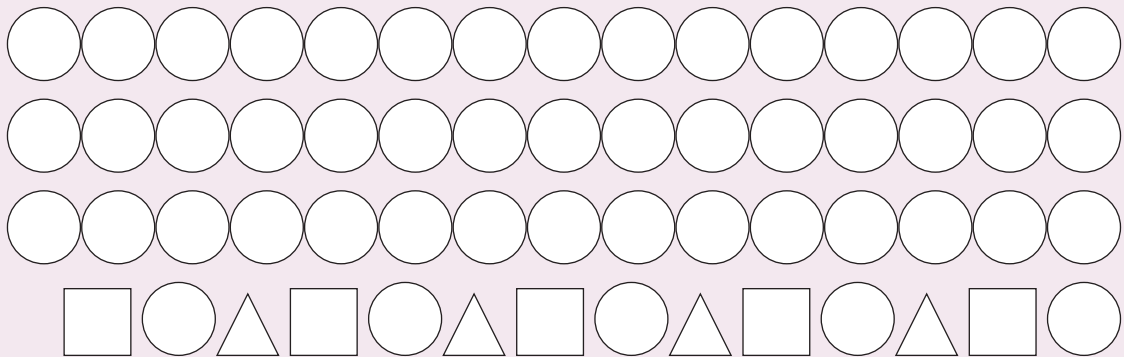
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Date:

Amaphetheni

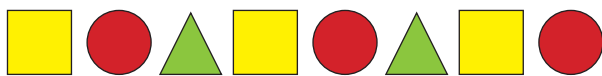
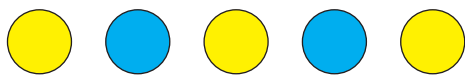


Kopulula amaphetheni asebhodini uwakopululele eenkhaleni ezingenzasi:





Ngezelela amaphetheni.





Faka umbala emncanyeni nawulokhu ubala ngakubili.

2	4	6							



Faka umbala ngemathuthumbeni nawulokhu ubala ngakuhlanu.

5	10	15							



Faka umbala ngemncanyeni nawulokhu ubala ngamatjumi.

10	20	30							



O I A O I A O I A

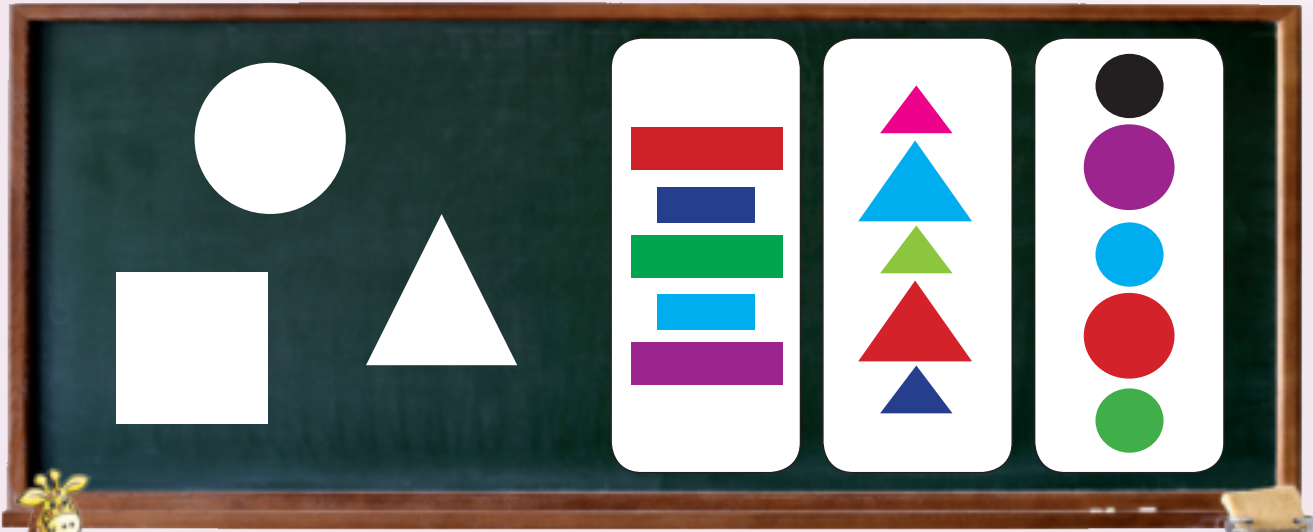


Teacher:

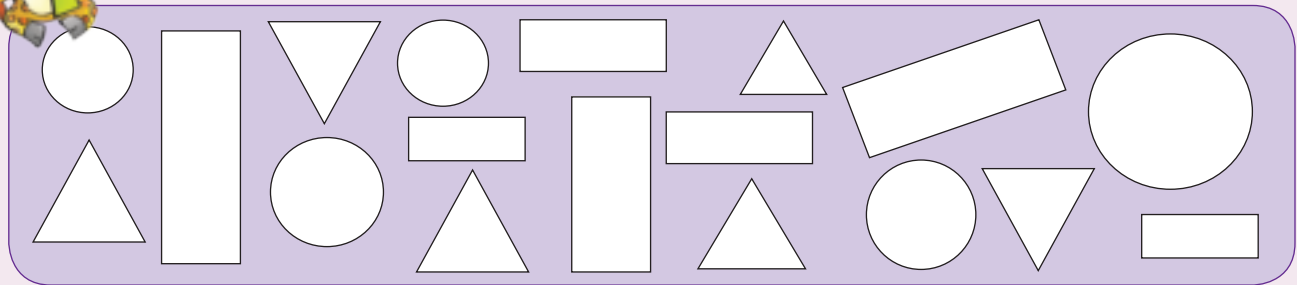
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Date:

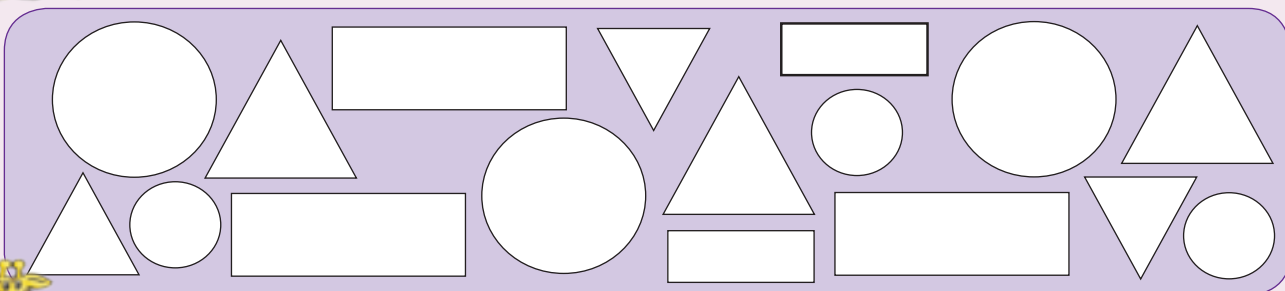
Amabumbeko



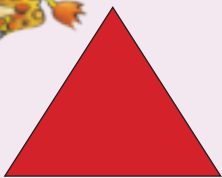
Faka aboncazine umbala ohlaza kwesibhakabhaka, amasekeli abe bomvu aboncantathu babe sarulani.



Faka iindulunga zoke umbala obomvu, aboncazine babehlaza kwesibhakabhaka begodu aboncantatnu abancani babe sarulani.



Faka umbala ependulweni efaneleko.



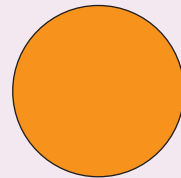
nqophileko

isekeli



nqophileko

isekeli

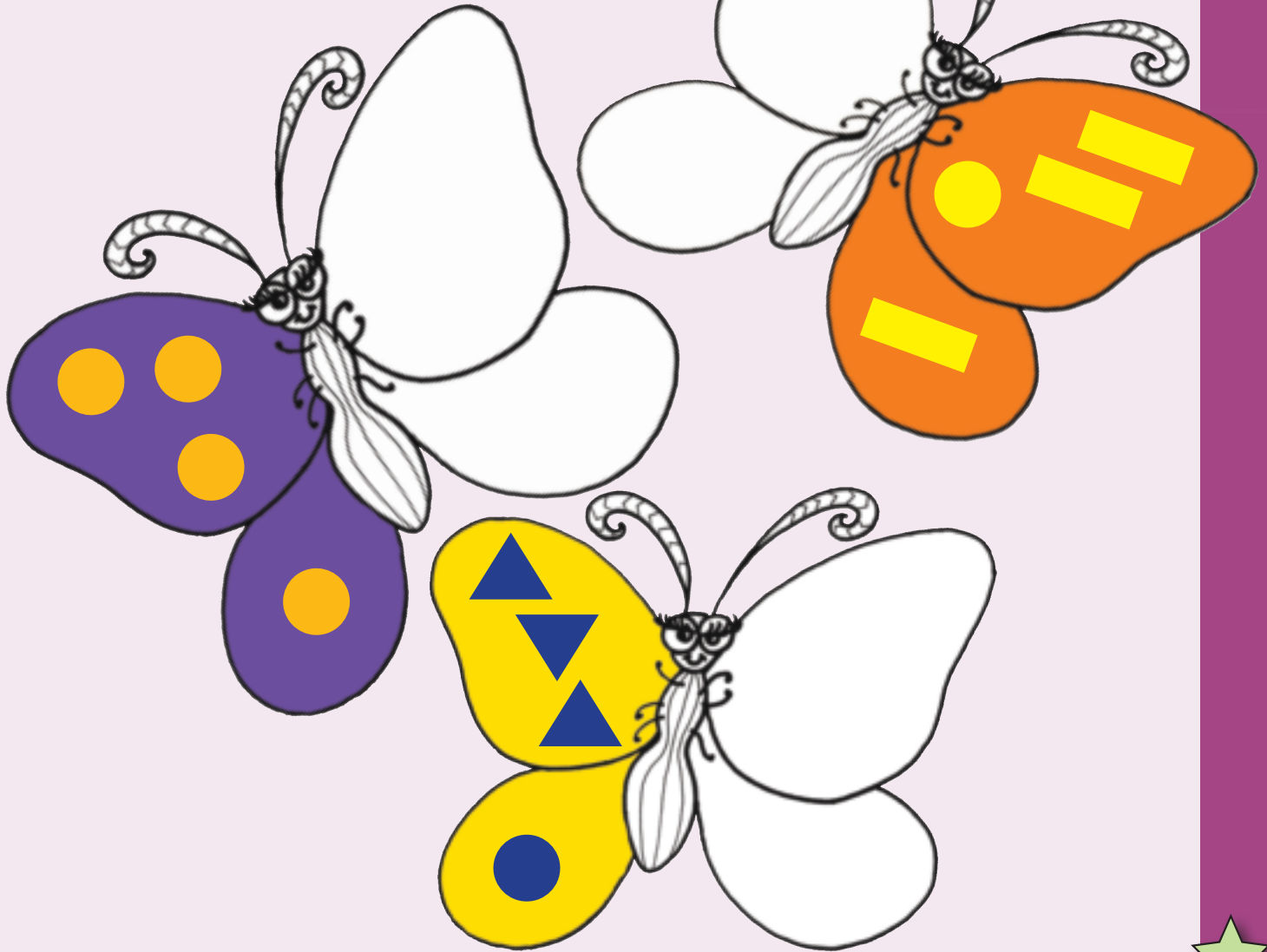


nqophileko

isekeli



Gwala amanye amahlangothi wamaviyaviyani.



Teacher:

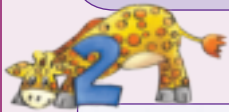
Sign:

Date:

Iimbholo namabhoksi



Ndulungela amabhoksi ngokuhlaza kwesibhakabhaka begodu iimbholo ngokubomvu.



Faka umbala ependulweni efaneleko.



Ibhoksi

liyatjhelela

liyagedeka



Ibholo

liyatjhelela

liyagedeka



Faka umbala ependulweni efaneleko.



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



Itjho nakhibe ibholo ingemva, ngaphambili, ngeqadi kwebhoksi namkha phezu kwebhoksi.



ngemva	ngaphambili
ngeqadi kwe	phezulu



ngemva	ngaphambili
ngeqadi kwe	phezulu



ngemva	ngaphambili
ngeqadi kwe	phezulu



ngemva	ngaphambili
ngeqadi kwe	phezulu



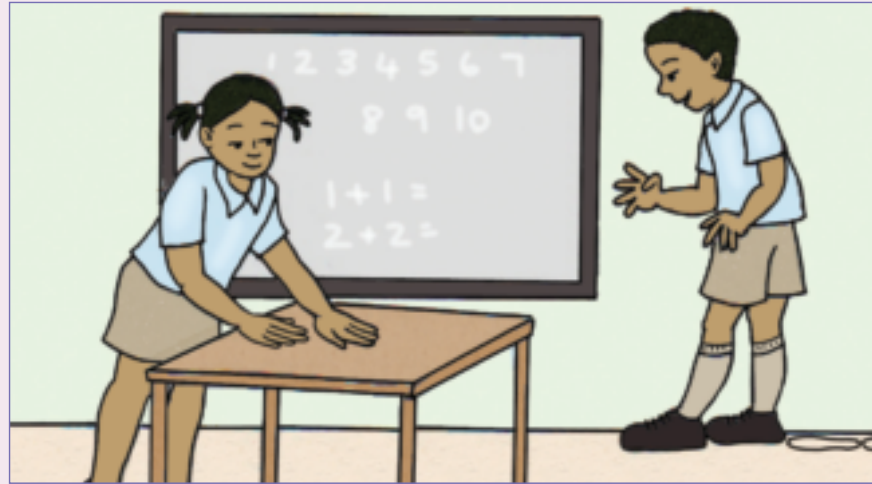
ibholo
ibhoksi



Teacher:
Sign:
Date:

Ubude

Benzani?



Ingabe ngisiphi isitimela esifitj hazana namkha esidenyana?



fitj hazana

denyana



fitj hazana

denyana



Ingabe ngimuphi umakhiwo omudenyanana namkha omfitj hazana?



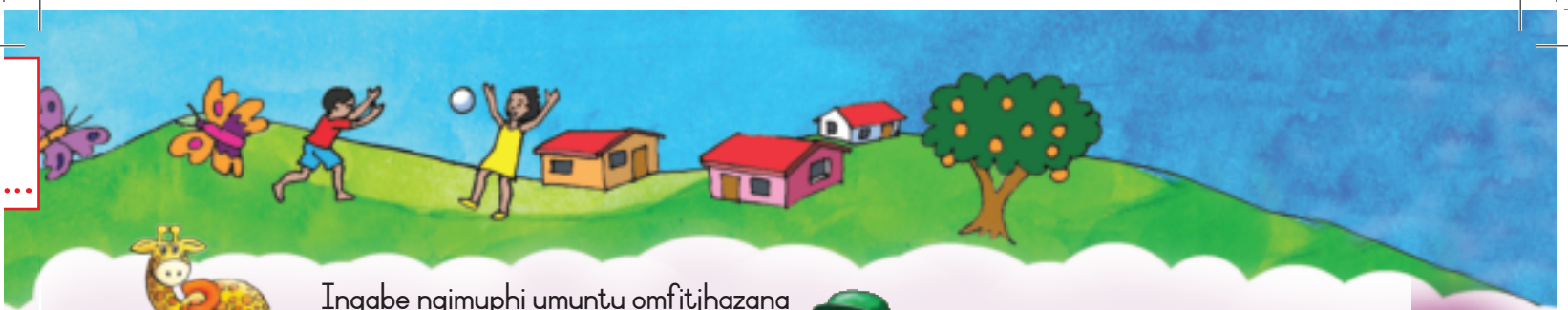
phezudlwana

phasanyana



phezudlwana

phasanyana



Ingabe ngimuphi umuntu omfitjhazana namkha omudenyana?

omfitjhazana

omudenyana

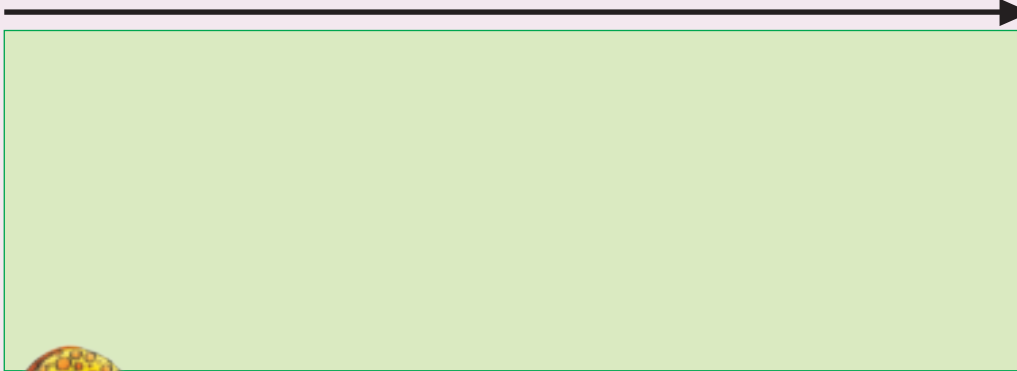


omfitjhazana

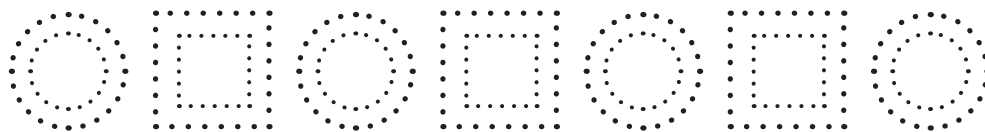
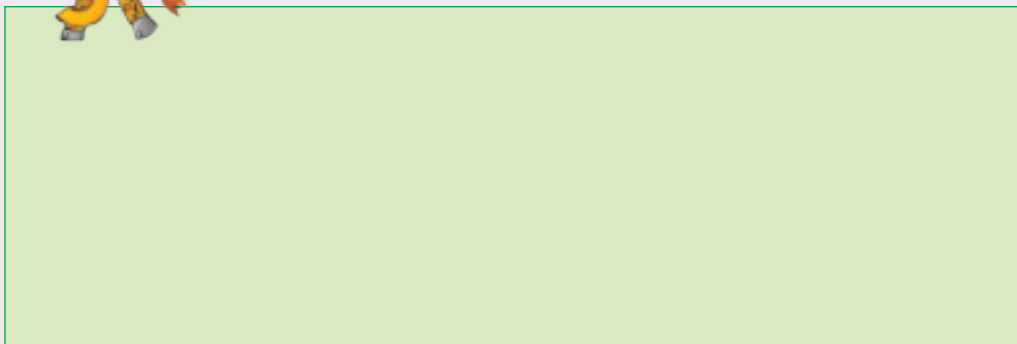
omudenyana



Sebenzisa isandla esisikweko. Ingabe uncazine lo uzizandla ezingaki ubude?
Sebenzisa inyawo elisikweko. Ingabe uncazine uziinyawo ezingaki ubude?



Kwanjesi meda ukuphakama kwakancazine ngesandla nangeenyawo.

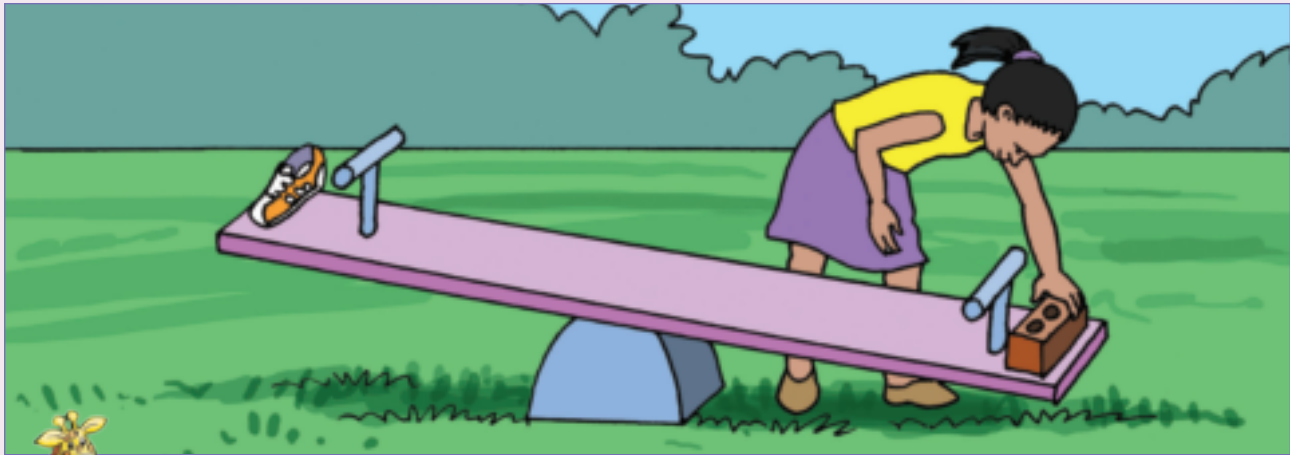


Teacher:

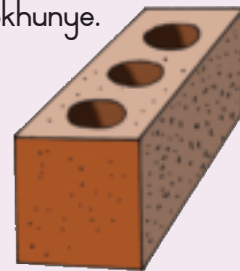
Sign:

Date:

Ubungako



Yitjho kobana into le ibudisi khulu nanyana ilula khulu kunokhunye.



ibudisana

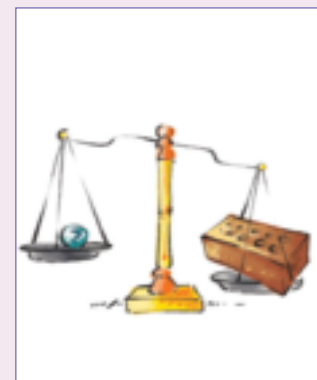
iludlana

ibudisana

iludlana



Ndulungela into ebudisana.





Ingabe into le ibudisana namkha iludlana kunekhilogremu linye?



ibudisi

ilula



ibudisi

ilula



ibudisi

ilula



libudisi

lilula



ubudisi ubulula



Teacher:

Sign:

Date:

Cocani ngesithombe.

Umthamo



Faka umbala ependulweni efaneleko.



zeleko

nganalitho

ihafu



zeleko

nganalitho

ihafu



zeleko

nganalitho

ihafu



zeleko

nganalitho

ihafu



zeleko

nganalitho

ihafu



zeleko

nganalitho

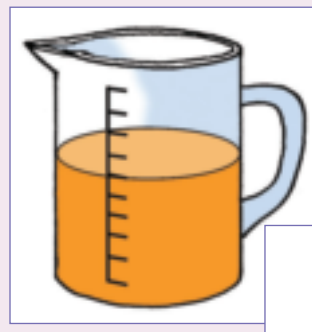
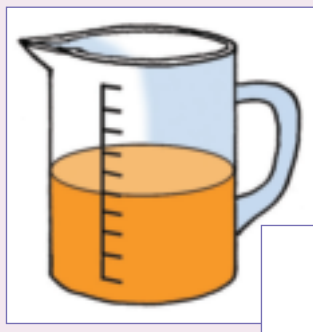
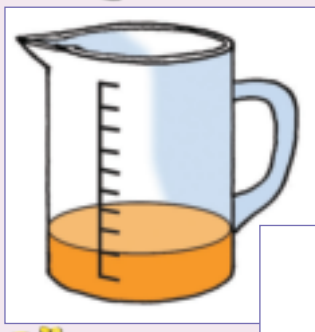
ihafu



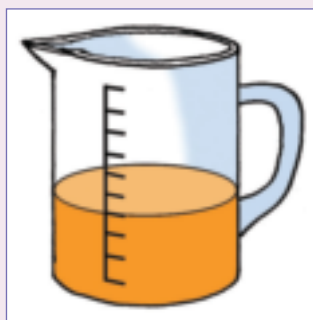
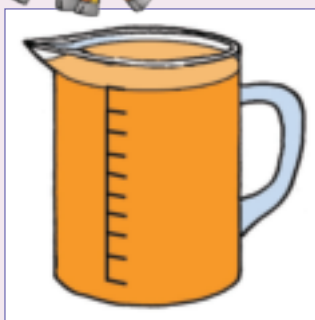
Isimedo sinye sizalisa ukufika esimeregweni sejege.
Ingabe ijege le izokuzaliswa ziimedo ezingaki?



Ingabe ziimedo ezingaki ezithelwe ngeenjegeni lezi?



Ijege engesinceleni inejuzi e-lilitha li-l. Ingabe ngiyiphi ijege enejuzi elinganako begodu ngiyiphi enejuzi encani.



linganako

ncani

linganako

ncani



zeleko nganlalitho



Teacher:

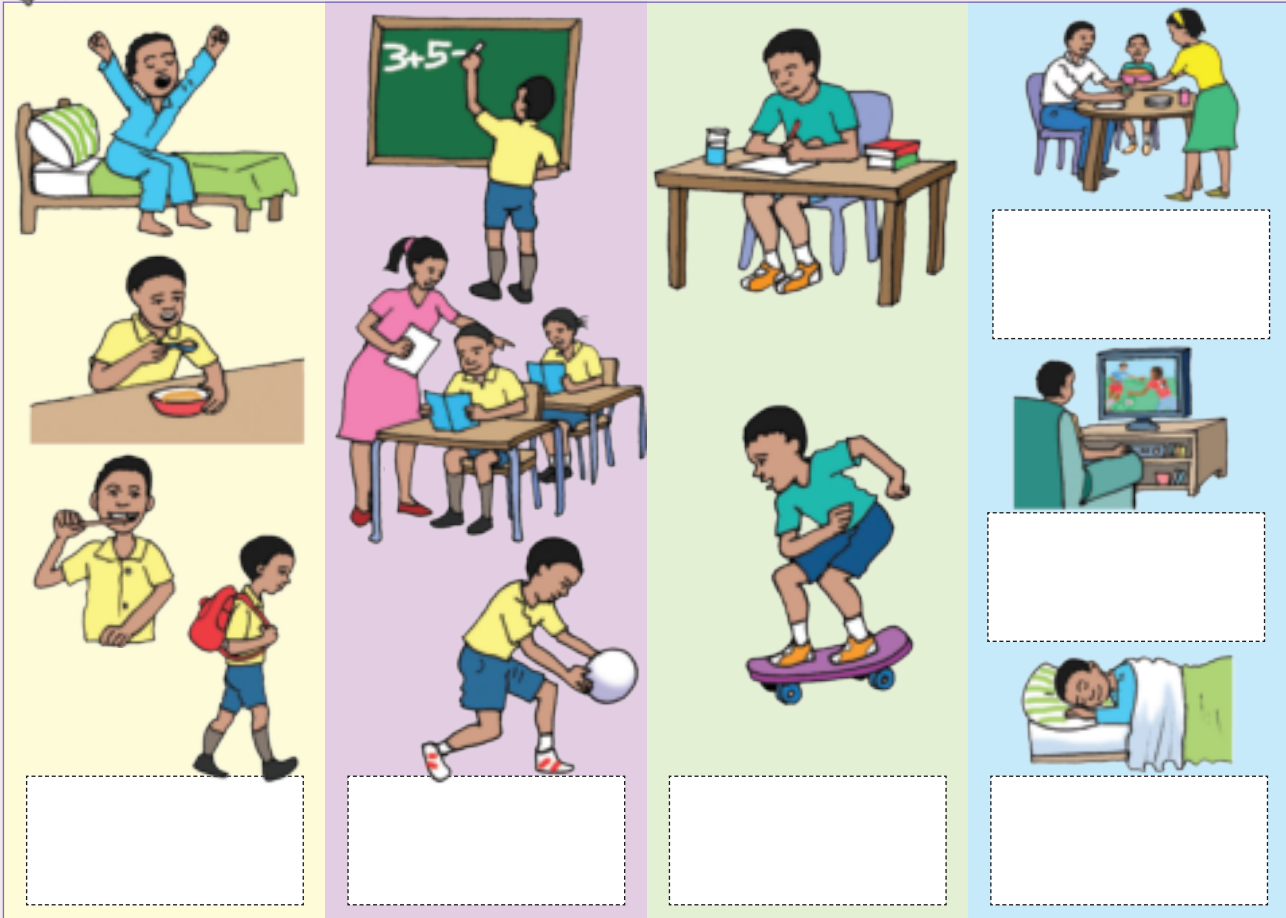
Sign:

Date:



Isikhathi

Buyela kusika wo-I. Sika ukhuphe amagama bese uwanamathisela ngaphasi kwesithombe utjengise isikhathi selanga.



Qedelela imitjho.

Ngi_____ ekuseni ngamasa.

Ngi_____ ekuseni.

Ngi_____ ngemva kwedina.

Ngi_____ ngamalanga.

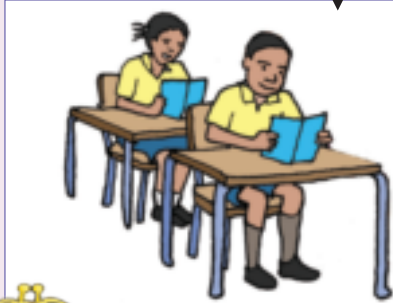
Ngi_____ ngemva kwesikhathi ngamalanga.



Izolo

Namhlanjesi

Kusasa



Phendula imibuzo.

Ingabe umntwana wenzani namhlanjesi? _____

Ingabe wenzeni izolo? _____

Ingabe umntwana uzokwenzani kusasa? _____



Gwala isithombe sakho.

Izolo

Namhlanjesi

Kusasa



Izolo

O □ △ O □ △ O □ △ O



Teacher:

Sign:

Date:

Ikhelenda lamalanga wamabeletho

14kuMhlolanja



Landela ukwelamana kweenyanga.





Tlola ibizo lomunye nomunye umntwana ngetlasini phezu kwekhalendara le yamalanga wamabeletho.

UTjirhweni	UMhlolanja	UNtaka
USihlabantangana	UMrhayili	UMgwengweni
UVelabahlize	URhoboyi	UKhukhulamungu
USewula	USinyikhaba	UNobayeni

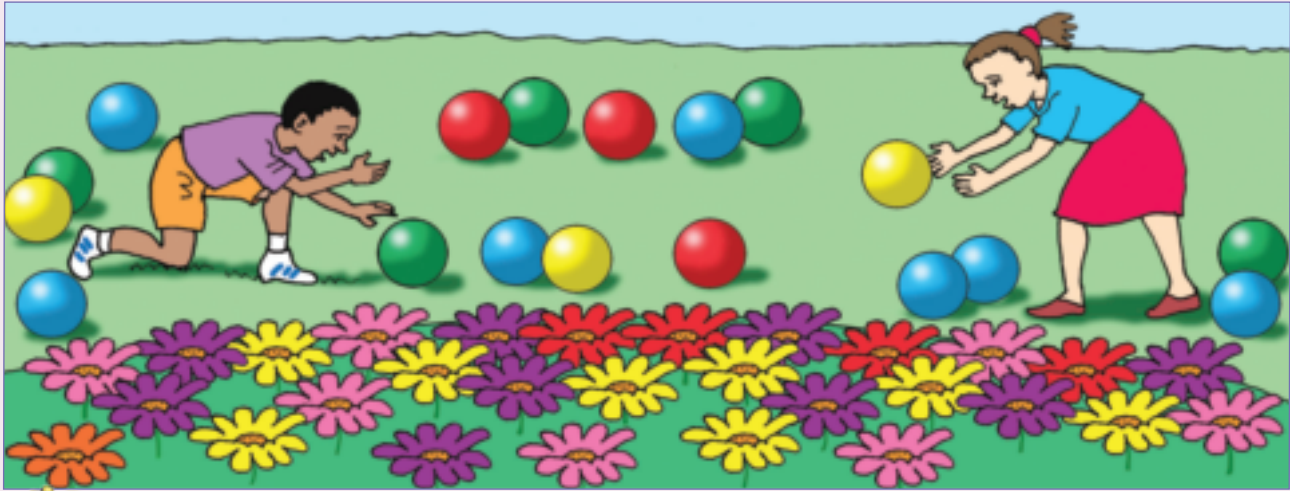


Ilanga lami
lamabeletho li:



Teacher:
Sign:
Date:

Buthelela bewuhlele ngemibala



Buthelela bewuhlele iimbholo ngemibala begodu zigwale ngebhoksini elifaneleko.

--	--	--	--

iimbholo ezihlaza satjani

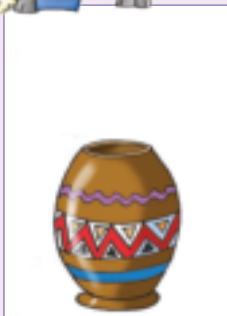
iimbholo ezibomvu

iimbholo ezihlaza
kwesibhakabhaka

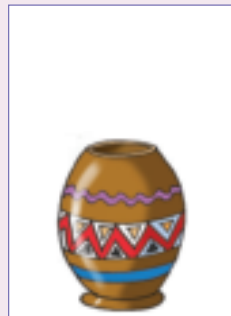
iimbholo
ezisarulani



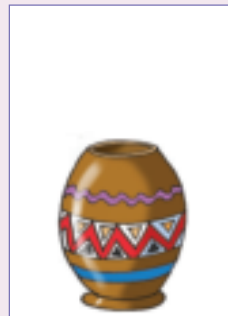
Buthelela iimbholo bewuzihlele ngemibala.



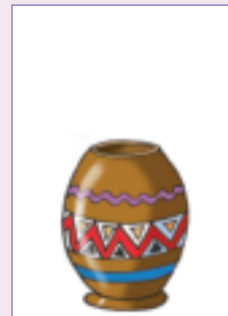
amabhlomu
asarulani



amabhlomu
abomvu



amabhlomu
asipiradzana



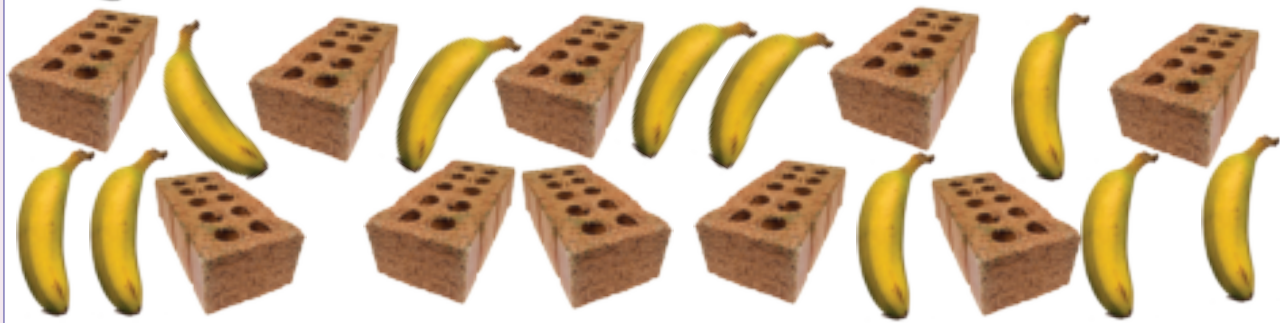
amabhlomu
apinki



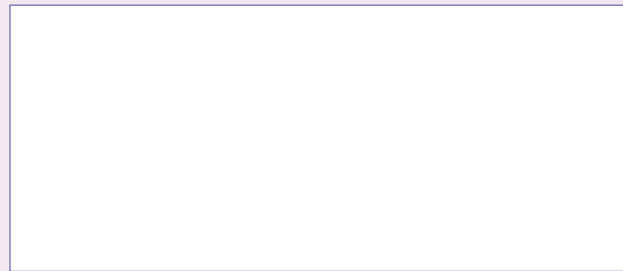
amabhlomu
a-orentji



Hlela izinto ngobungako. Gwala imidwebo yakho.



izinto ezilula



izinto ezibudisi



iimbholo ezincani



iimbholo ezikulu



amabhoksi amancani



amabhoksi amakhulu

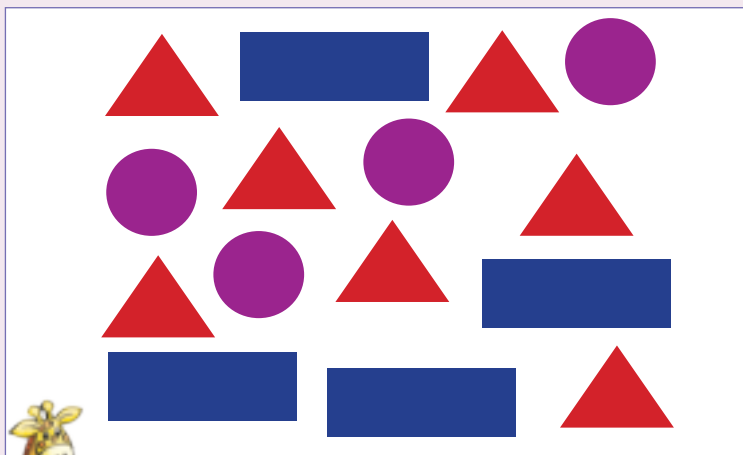


Teacher:

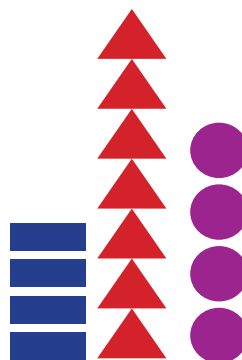
Sign:

Date:

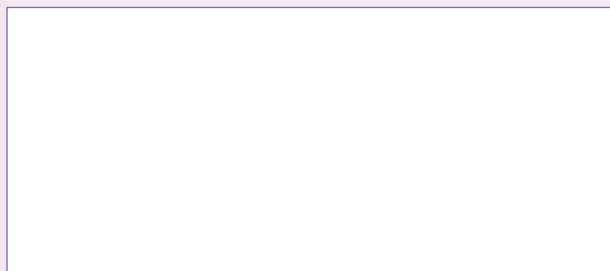
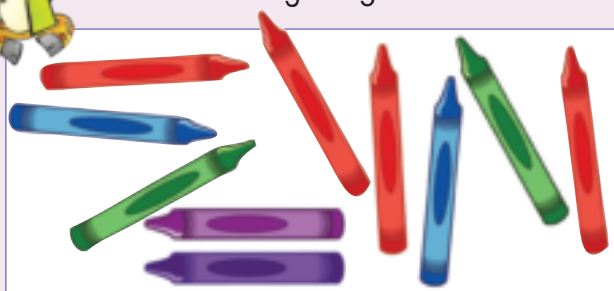
Funda bewuhlathulule



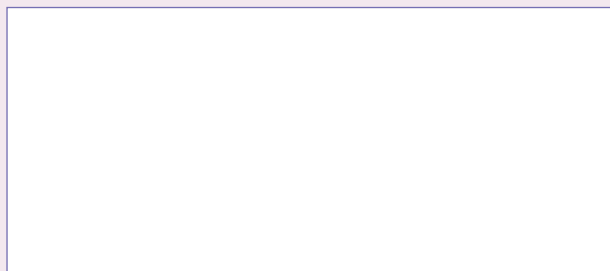
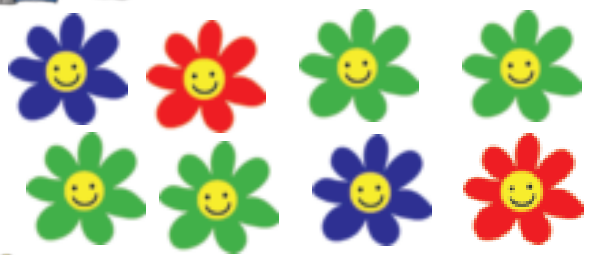
Umgwalo wami



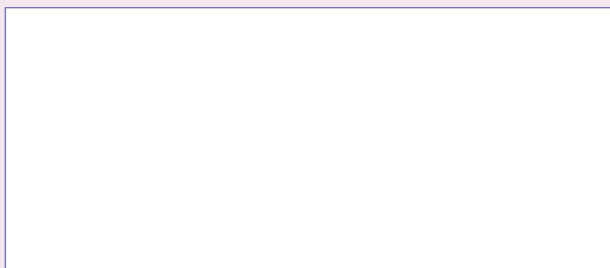
Hlela amakhrayoni ngemibala. Gwala imidwebo yawo.



Hlela amakhrayoni ngemibala. Gwala imidwebo yawo.



Hlela abohafu kanye namazungu wekosazana. Agwale.





Phendula imibuzo

		
aboncantathu	aboncazine	iindulungu

Bangaki aboncantathu abalapho?

Bangaki aboncazine abalapho?

Zingaki iindulungu ezilapho?

Ingabe kunaboncantathu abanengi namkha aboncazine abanengi?

Ingabe kuneendulungu ezinengi namkha aboncantathu abanengi?

Ingabe kunezinye iiyingi nanyana aboncazine?

		
nganalitho	ihafu	zeleko

Zingaki iinjenge ezingananto lapho?

Zingaki iinjenge ezihafu lapho?

Zingaki iinjenge ezizeleko lapho?



Teacher:

Sign:

Date:

Ngaphambili, ngemva nahlangana

Hlathulula iinomboro ngokusebenzisa amagama ngaphambi, hlangana begodu nangemva.

Isibonelo:
Ibholo yinye ebovu
ihlangana neembholo
ezimbili ezihlaza
kwesibhakabhaka.



Tlola inomboro efaneleko ngaphakathi kwesikwere.

4 6 8

Ngaphambili Hlangana Ngemva

18

Ngaphambili Hlangana Ngemva



Zalisa iinomboro ezitlhayelako.

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

Ngijiphi inomboro engaphambi kobu- 8 ? _____

Ngijiphi inomboro engemva kwe- 16 ? _____

Ngiziphi iinomboro ezihlangana kobu- 8 ne- 12 ? _____



Faka iinomboro ezihlangana kwe-14 ne-17 umbala ohlaza kwesibhakabhaka.
Faka inomboro engaphambi kwe-14 umbala obomvu.
Faka inomboro engemva kwe-17 umbala osarulani.



11	12	13	14	15	16	17	18	19	20
----	----	----	----	----	----	----	----	----	----



Tlola zoke iinomboro ezisemncameni osarulani.
Sizibizani iinomboro ezisemncameni osarulani.

Tlola zoke iinomboro ezisemncameni opinki.
Sizibizani iinomboro ezisemncameni opinki.



Hlukanisa umncamo osarulani hlangana nabentwana abambethe okusarulani.

Bafumana imincamo emingaki ngamunye? _____. Ingabe kusese nomncamo oseleko?
_____.

Hlukanisa umncamo opinki hlangana nabentwana abambethe pinki. Mingaki
imincamo efumanwa mntwana ngamunye? _____. Ingabe kunomncamo oseleko?
_____.



Phendula imibuzo elandelako.

Ngiyiphi inomboro elinganako eza ngemva kwe-12? _____

Ngiyiphi inomboro engalinganiko eza ngemva kwe-14? _____

Ngiziphi iinomboro ezingalinganiko eziza hlangana ne-18 ne-24? _____

Tlola phasi iinomboro ezilinganako ezihlangana kobu-8 ne-18? _____



Teacher:

Sign:

Date:

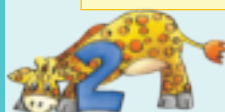
Inomboro I – 30

Zingaki iincwadi ozibalako?
Zingaki iinjenge zepende ozibalako?



Mngaki umncamo owubalako?

●●●●●●●●●●	●●	
●●●●●●●●●●	●●●●●	
●●●●●●●●●●	●●●●●●●	
●●●●●●●●●●	●●●●●●●●●	
●●●●●●●●●●	●●●●●●●●	



Zingaki iincwadi ozibalako?



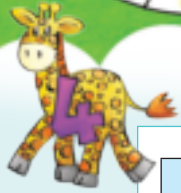


Zalisa inomboro etlhayelako.

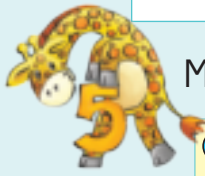
14	12	15	17	19	13	26	28	21	30
10 4	2	10	7	10					



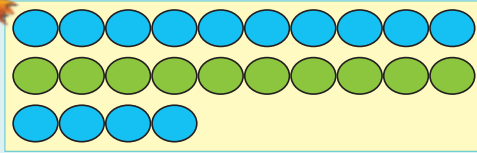
Qala esibonelweni sokuthoma bese uqedelela okulandelako.



18	=	1	amatjhumi	+	8	amayunidi	namkha	18	=	10	+	8
15	=		amatjhumi	+		amayunidi	namkha		=		+	
19	=		amatjhumi	+		amayunidi	namkha		=		+	
22	=		amatjhumi	+		amayunidi	namkha		=		+	
24	=		amatjhumi	+		amayunidi	namkha		=		+	



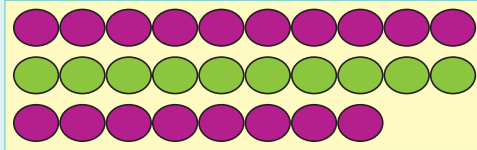
Mngaki umncamo owubalako?



inomboro

singayitlola njenge

$$20 + \square = 24$$



inomboro

singayitlola njenge

$$20 + \square = 28$$



Tlola amagama weenomboro ezilandelako.

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



Qala esibonelweni sokuthoma bese uqedelela okulandelako.

25	=	2	kwetjhumi	+	5	amayunidi	22	=	2	kwetjhumi	+	2	amayunidi
13	=		kwetjhumi	+		amayunidi	21	=		kwetjhumi	+		amayunidi
26	=		kwetjhumi	+		amayunidi	19	=		kwetjhumi	+		amayunidi

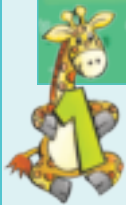


Teacher:

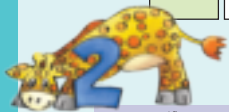
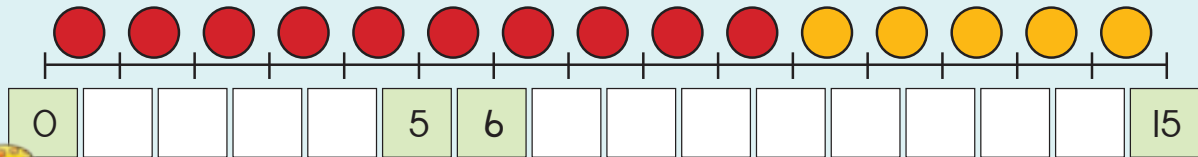
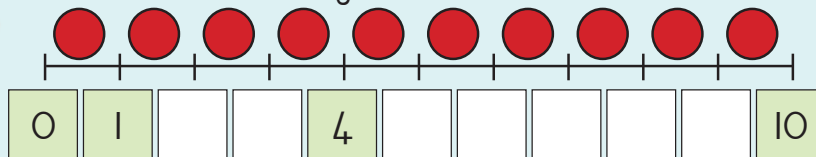
Sign:

Date:

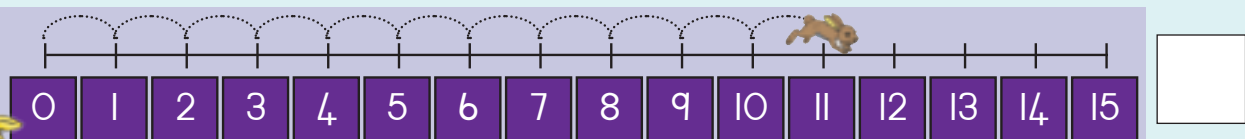
Amanambalayini



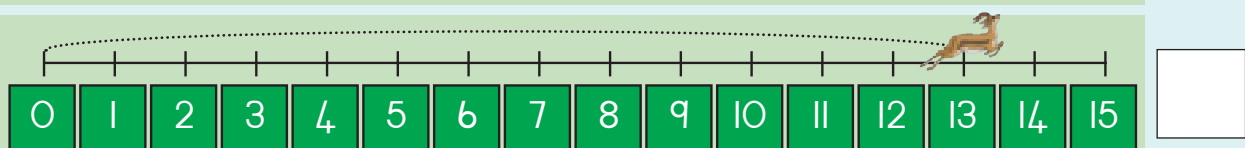
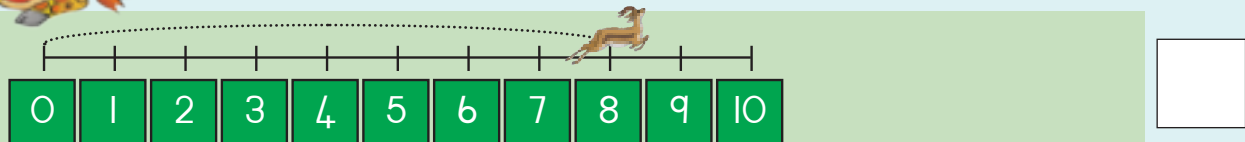
Zalisa iinomboro ezitlhayelako.



Isirhwarhwa seqeke kude kangangani?

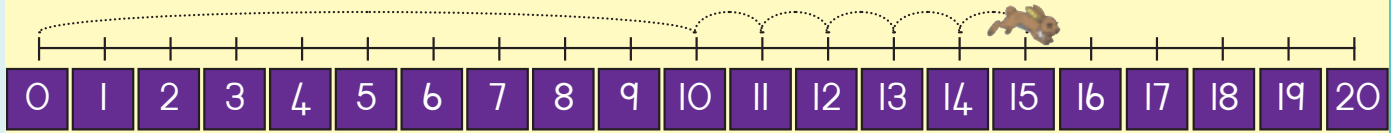


Ipunzi yeqeke kude kangangani?



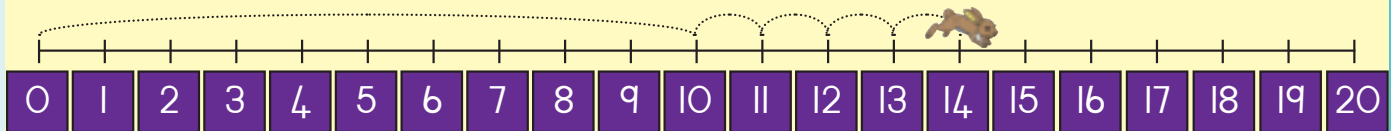


Qedelela inambalayini. Isirhwarhwa sequele kude kangangani?



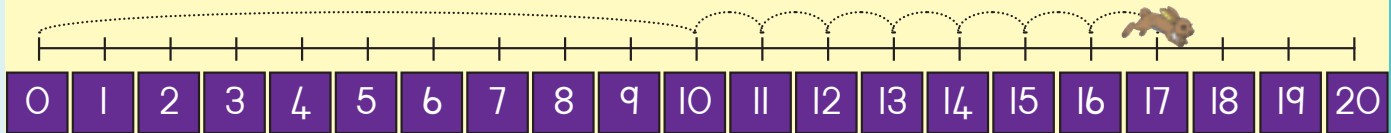
amatjhumi amayunidi

$$10 + 5 = \square$$



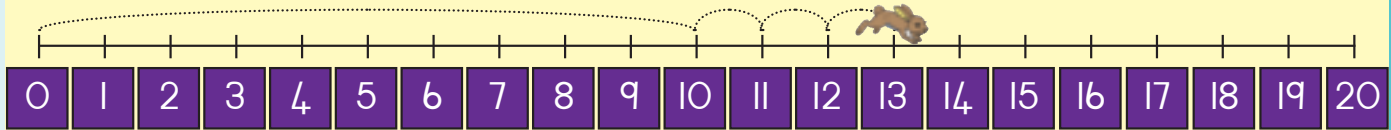
amatjhumi amayunidi

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



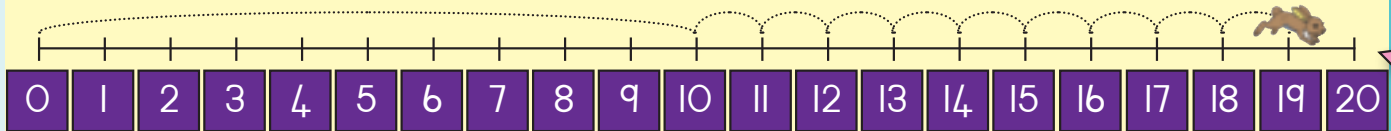
amatjhumi amayunidi

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



amatjhumi amayunidi

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



amatjhumi amayunidi

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

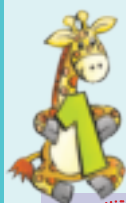
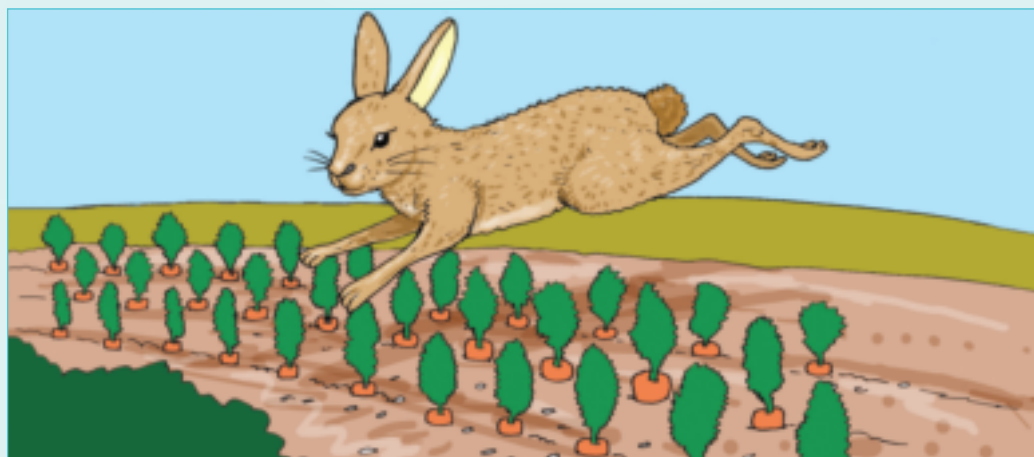


Teacher:

Sign:

Date:

Amanye amanambalayini



Siza isirhwarhwa ukutlola isibalo.

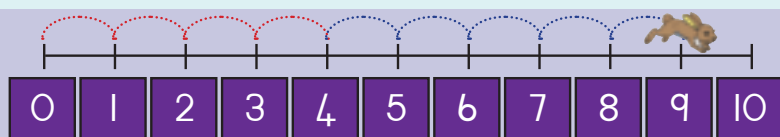


2

+

3

=

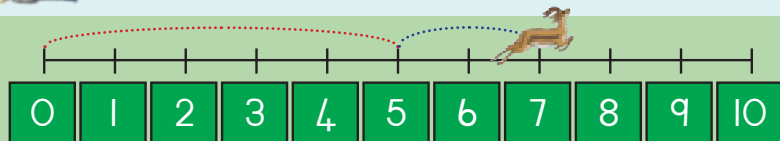


+

=

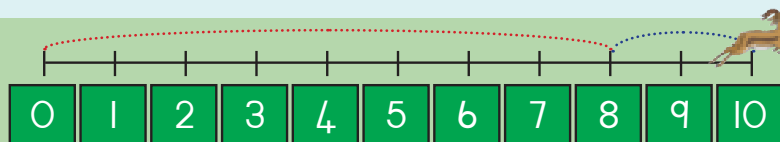


Siza ipunzi ukutlola isibalo.



+

=

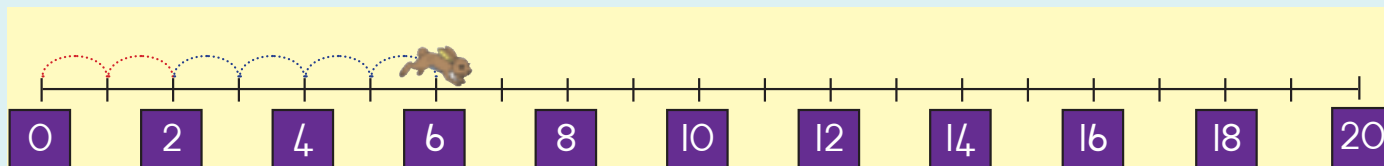


+

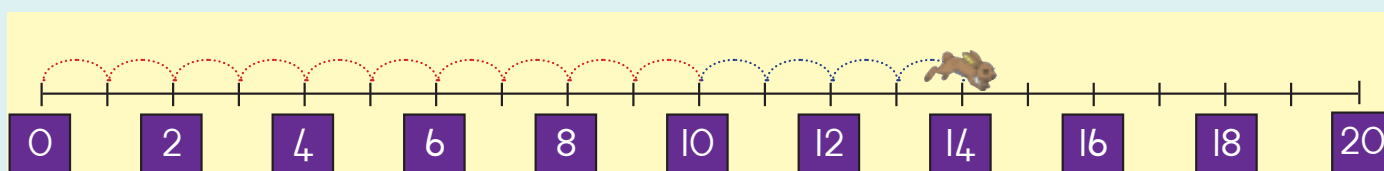
=



Siza isirhwarhwa ukutlola isibalo.



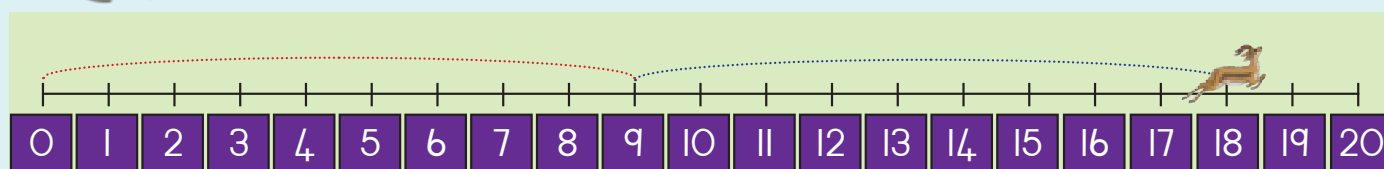
$$\boxed{} + \boxed{} = \boxed{}$$



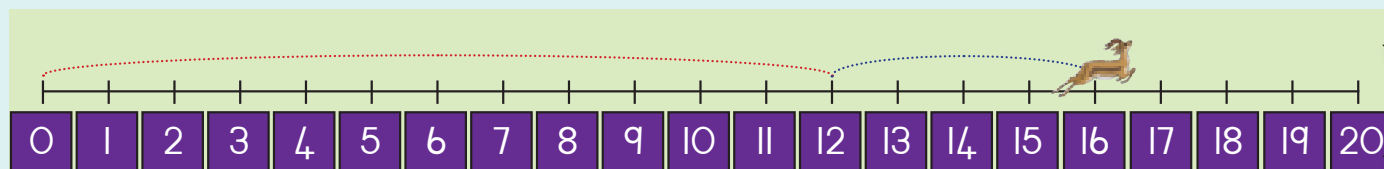
$$\boxed{} + \boxed{} = \boxed{}$$



Siza ipunzi ukutlola isibalo.



$$\boxed{} + \boxed{} = \boxed{}$$



$$\boxed{} + \boxed{} = \boxed{}$$

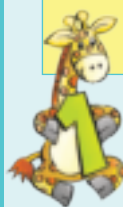
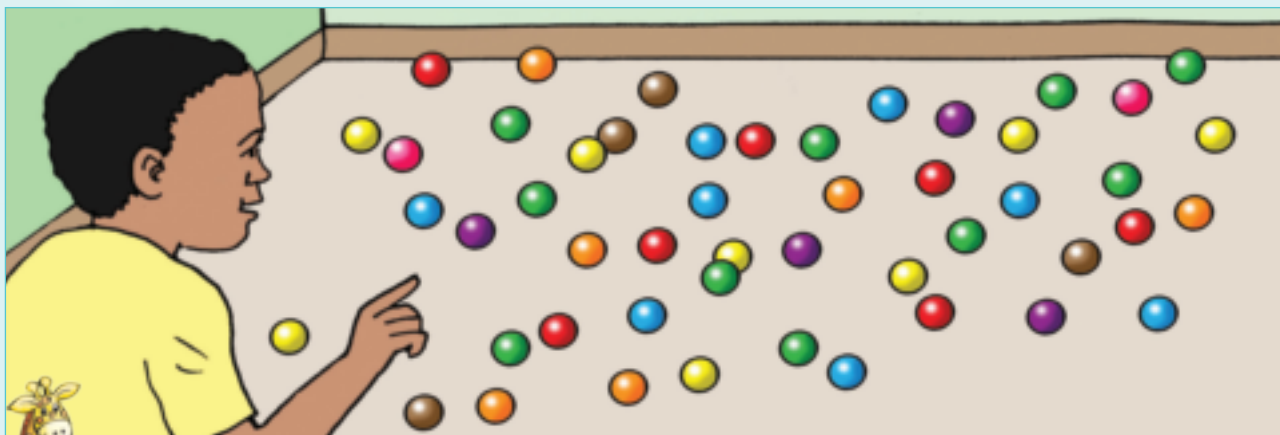


Teacher:

Sign:

Date:

Ukukhupha nokuhlanganisa



Tlola isibalo
somncamo.

Mingaki imincamo ebomvu lapho?

Mingaki imincamo ehlaza kwesibhakabhaka lapho?

Mingaki imincamo ehlaza satjani lapho?

Mingaki imincamo esalamune lapho?

Mingaki imincamo esipiridzana lapho?

Seyiyoke mngaki
umncamo
nawuhlangeneko?



Tlola inani lomncamo ngokwemibala ehluahlukene ngebhoksini elinembako
bese uyahlanganisa.

obomvu

+

ohlaza
satjani

=

osarulani

+

opinki

=

o-salamune

+

ohlaza
kwesibhakabhaka

=

osipiridzana

+

ohlaza
satjani

=

obhraweni

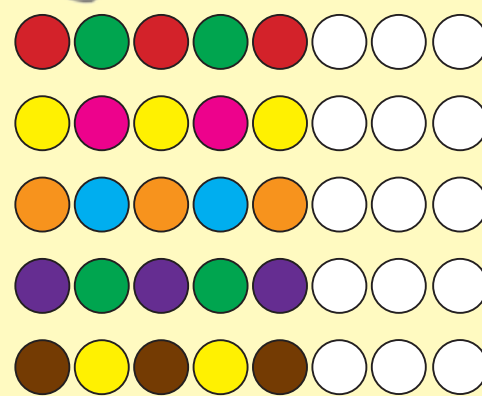
+

osarulani

=



Qedelela amaphetheni.



Amalanga, iimveke neenyanga

UMvulo	UTjhirhweni	UMhlolanja	UNtaka
ULesibili	USihlabantangana	UMrhayili	UMgwengweni
ULesithathu	UVelabahlince	URhoboyi	UKhukhulamungu
ULesine	USewula	USinyikhaba	UNobayeni
ULesihlanu			
UMgcibelo			
USondo			

Phendula imibuzo elandelako ngamalanga weveke.

Ngiliphi ilanga eliza ngaphambi koLesithathu? _____

Ngiliphi ilanga eliza ngemva koLesithathu? _____

Ngiliphi ilanga eliza ngemva koMgcibelo? _____

Ngiliphi ilanga eliza hlangana koMvulo noLesithathu? _____

Nakhibe uMvulo lilanga loku-I, kutjho kobana uLesihlanu lilanga _____

Ngimaphi amalanga eza hlangana koLesithathu noMgcibelo? _____

Phendula imibuzo elandelako ngeenyanga.

Ngiliphi inyanga eza ngemva kwakaSihlabantangana? _____

Ngiliphi inyanga eza ngemva koMgwengweni? _____

Ngiliphi inyanga eza hlangana koRhoboyi noSewula? _____

Ngiziphi iinyanga eziza hlangana noTjhirhweni noMgwengweni? _____

Ngiliphi inyanga yokuthoma emnyakeni? _____

Ngiliphi inyanga yamaswaphela emnyakeni? _____



Iinkolo ze -
Sewula Afrika



Iminyanya
yomlando

ILanga lamaLungelo woBuntu
ILanga leKululeko
ILanga labaSebenzi
ILanga leLutjha
ILanga laBomma leNarha
mazombe
ILanga lamaGugu
ILanga lokuBuyisana

ILanga lamabeletho

ILanga lami lamabeletho



Usika 2: Sebenzisa abosika bese unamathisela amalanga wokuphumula wekolo amathathu namanye amalanga wokuphumula ekhalendeni yeSewula Afrika phezu kwekhalenda yenyanga le.

UTjhirhweni	UMhlolanja	UNtaka
USihlabantangana	UMrhayili	UMgwengweni
UVelabahlize	URhoboyi	UKhukhulamungu
USewula	USinyikhaba	UNobayeni



Teacher:

Sign:

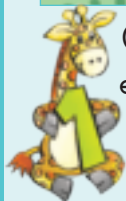
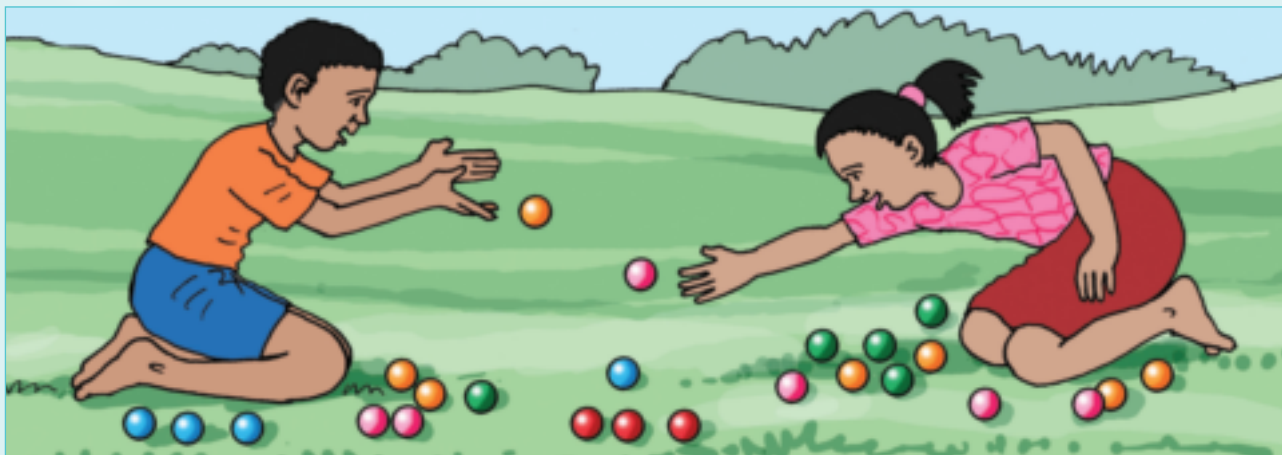
Date:

23a

Ithemu I

Ilanga:

Ukuhlanganisa



Qala isithombe bese utlola inani labomabula ngokwemibala ehlukahlukeneko ngebhoksini elinembako bese uyahlanganisa.

abomvu	+	ahlaza kwesibhakabhaka	=	3	+	4	=	
ahlaza satjani	+	ahlaza kwesibhakabhaka	=		+		=	
apinki	+	ahlaza kwesibhakabhaka	=		+		=	
ahlaza satjani	+	a-orontji	=		+		=	
abomvu	+	ahlaza satjani	=		+		=	
a-orontji	+	ahlaza kwesibhakabhaka	=		+		=	

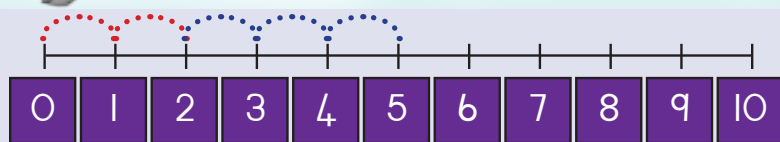


Hlanganisa.

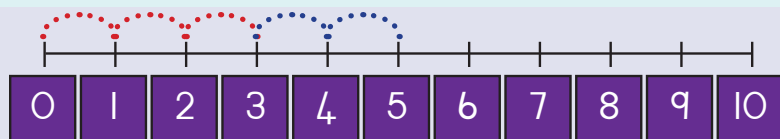
$3 + 2 =$	$4 + 6 =$	$9 + 3 =$
$6 + 5 =$	$7 + 8 =$	$8 + 4 =$
$9 + 5 =$	$8 + 6 =$	$7 + 4 =$
$9 + 9 =$	$7 + 5 =$	$8 + 8 =$
$7 + 6 =$	$9 + 6 =$	$7 + 7 =$



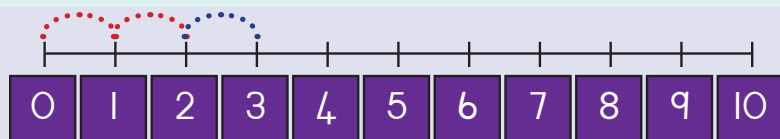
Tlola inani le.



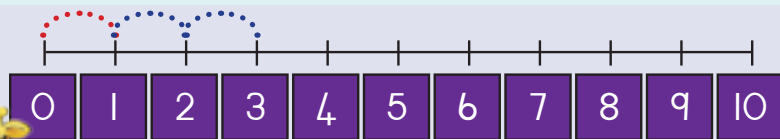
$$2 + 3 = 5$$



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



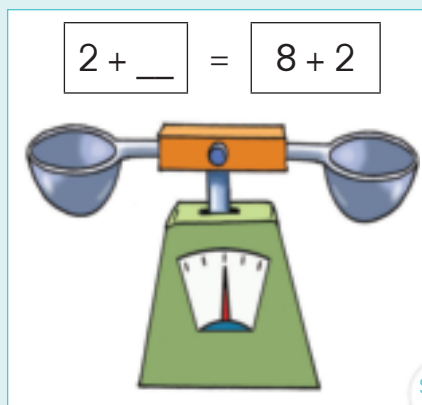
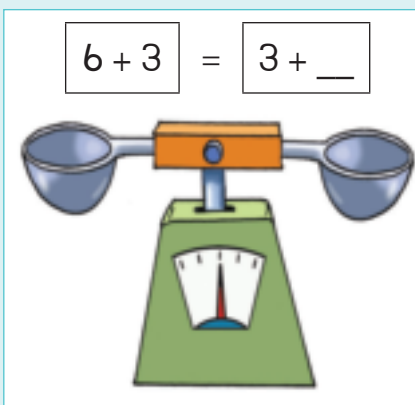
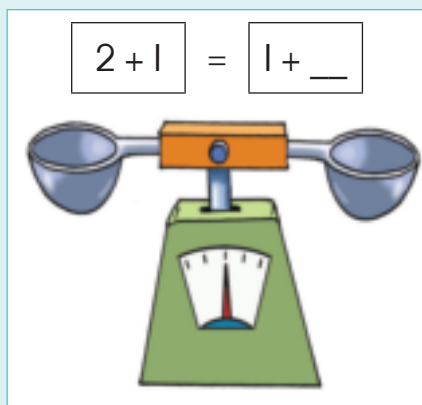
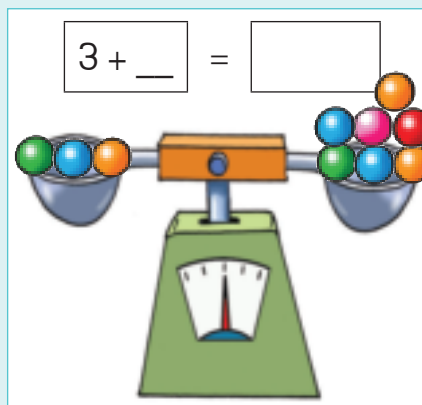
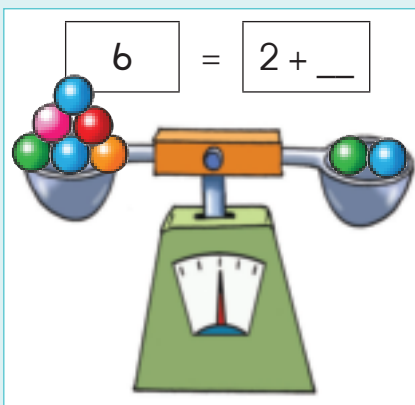
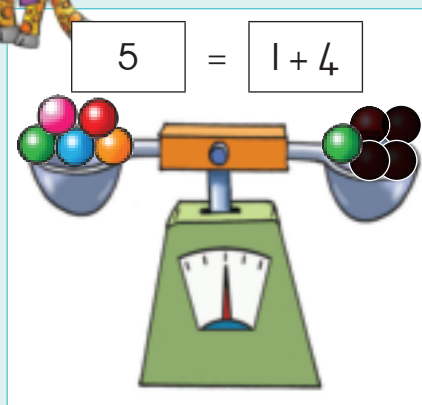
$$\square + \square = \square$$



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



Hlanganisa umncamo ukuze undzindzise isikala ngokulinganako. Yokuthoma selesikwenzele.



Teacher:

Sign:

Date:

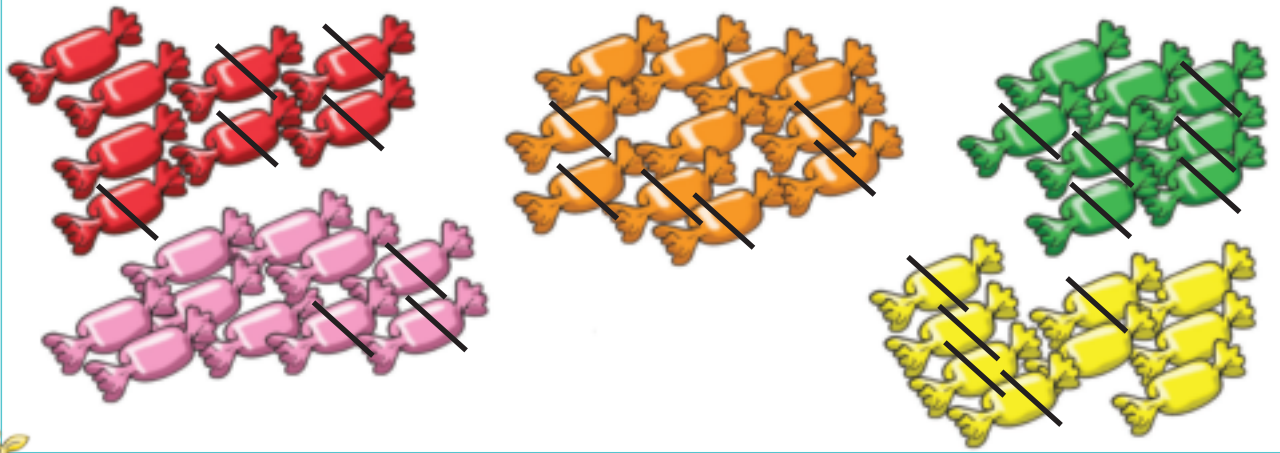
23b

Ithemu I



Ilanga:

Ukukhupha



Qala esithombeni bese utlola ithothali kakhupha.

amaswidi abomvu

$$= 8 - 5 = 3$$

amaswidi ahlaza satjani

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

amaswidi asarulani

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

amaswidi a-salamune

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

amaswidi apinki

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



Khupha.

$$5 - 3 = \square$$

$$10 - 6 = \square$$

$$12 - 3 = \square$$

$$11 - 5 = \square$$

$$15 - 7 = \square$$

$$12 - 4 = \square$$

$$14 - 9 = \square$$

$$14 - 8 = \square$$

$$11 - 4 = \square$$

$$18 - 9 = \square$$

$$12 - 5 = \square$$

$$16 - 8 = \square$$

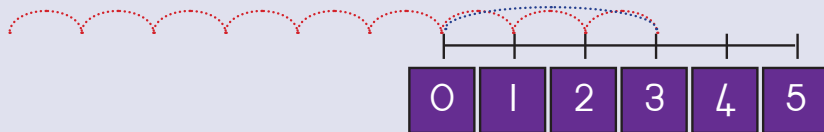
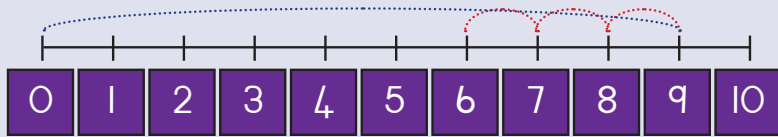
$$13 - 7 = \square$$

$$15 - 6 = \square$$

$$14 - 7 = \square$$



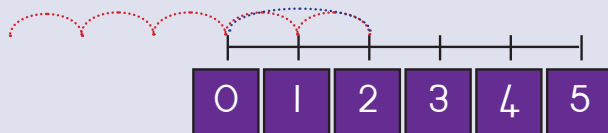
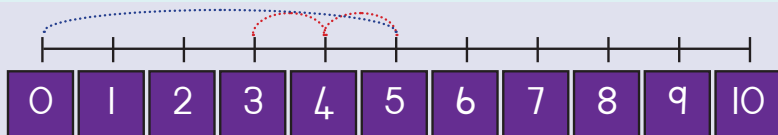
Qedelela.



$$9 - 3$$

Akulingani na

$$3 - 9$$



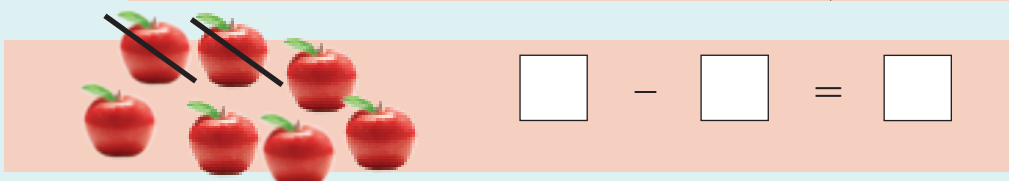
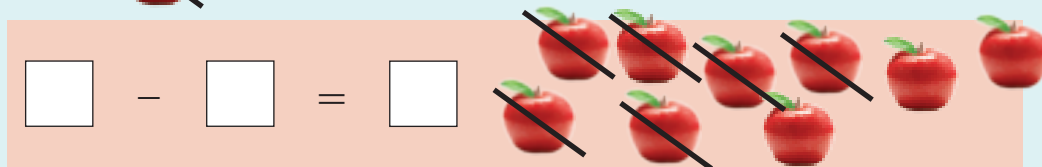
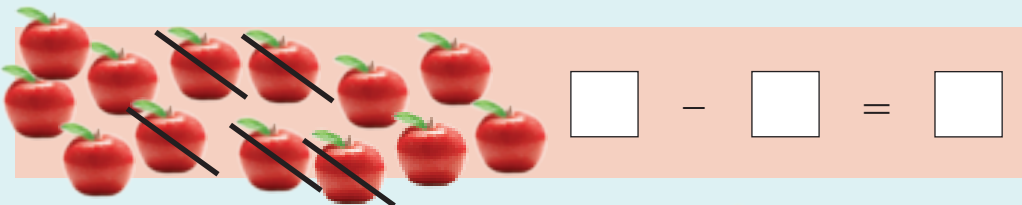
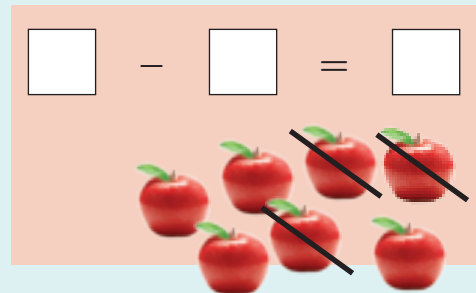
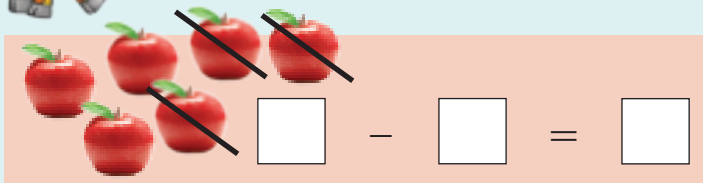
$$5 - 2$$

Akulingani na

$$2 - 5$$



Tlola isibalo se:



Teacher:

Sign:

Date:

Okhunye ukuhlanganisa

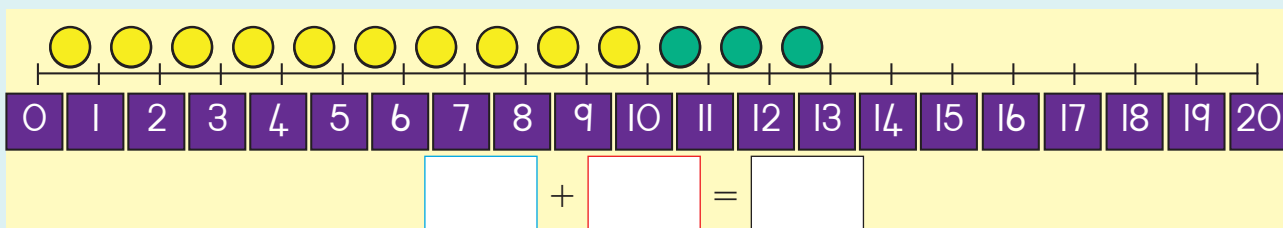
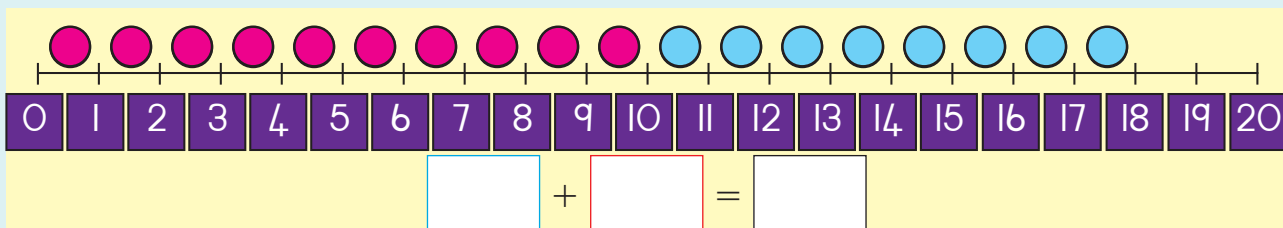
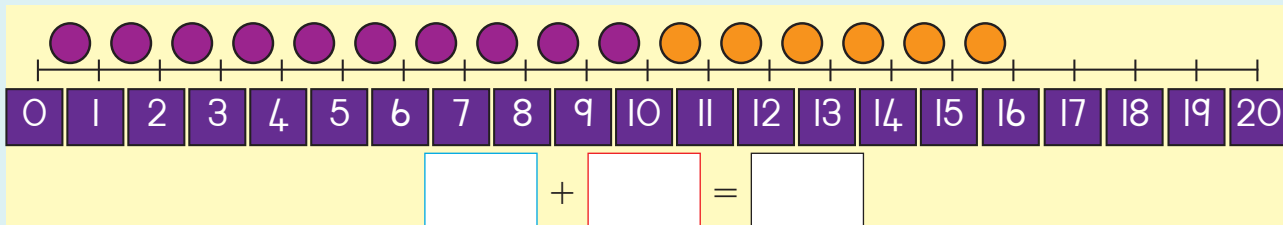
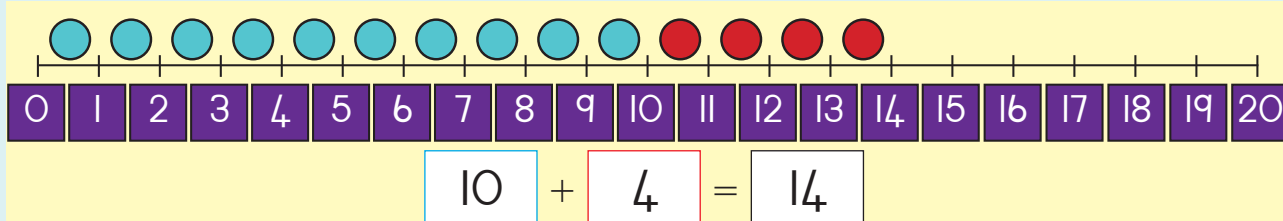
Hlanganisa iinomboro ngebhlogweni ngalinye bese utlola inani elipheleleko.

2	8	7	5	3
10	10	10	10	10

--	--	--	--	--



Sebenzisa inambalayini. Tlola isibalo sokukhupha. Qala isibonelo.





Ukukhupha.

10	+	3	=	13
10	+	5	=	
10	+	1	=	
10	+	4	=	
10	+	9	=	

10	+	2	=	
10	+	7	=	
10	+	6	=	
10	+	8	=	
10	+	3	=	



Hlanganisa.

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

14 + 12				
10	10			
4	+	2	=	
	+		=	

17 + 11				
10	10			
7	+	1	=	
	+		=	

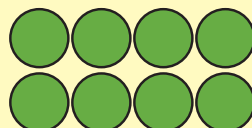
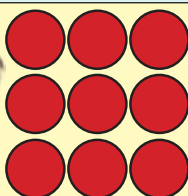
15 + 13				
10	10			
5	+	3	=	
	+		=	

16 + 12				
10	10			
6	+	2	=	
	+		=	

18 + 12				
10	10			
8	+	2	=	
	+		=	



ULisa uneembalisi
ezili - 9 bese
ka-Aakar abe
nezibu - 8.



Yini inani leembalisi?

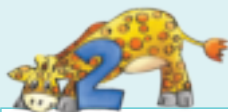
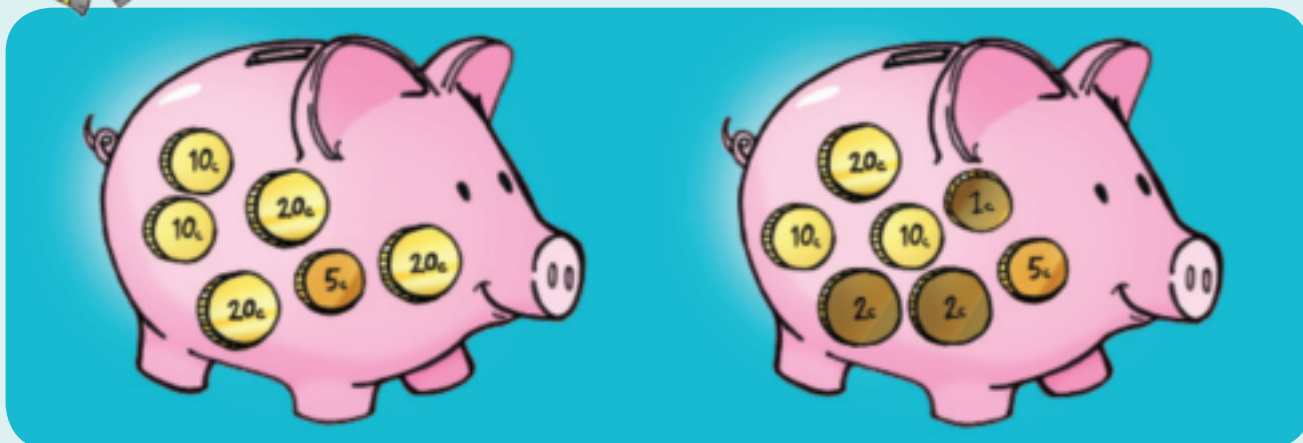


Teacher:
Sign:
Date:



Imali

Yini engaphakathi kwebhanga yami yefarigana?

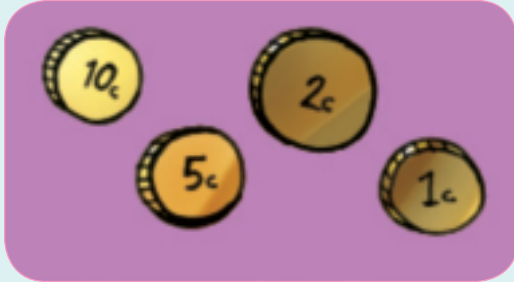


Sika imali emumuwa kuSika-3 bese ujinamathisela inani elifaneleko endaweni enembako.

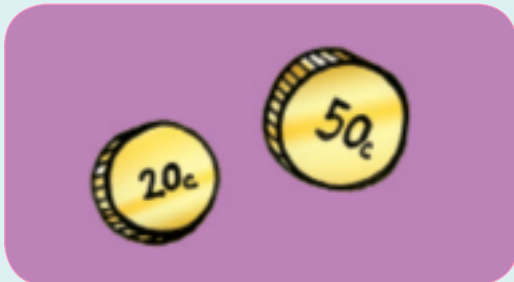
	
	
	



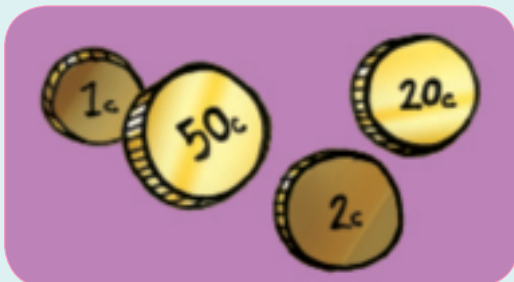
Mangaki amasende?















Iimbalo zamagama:

USuzi unamasende ama-50c. Unina umupha amasende ama-20c ngaphezulu .

USuzi unamalini sele iyoke?

Ngina-90c. Ngithenga amaswidi nga-30c. Ngisele ngemalini?



Teacher:

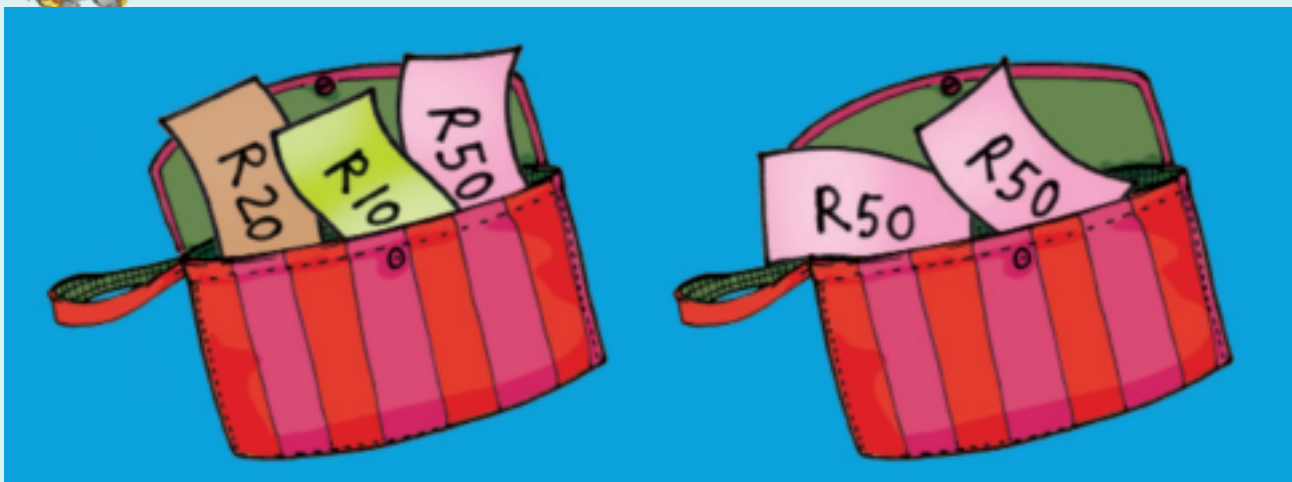
Sign:

Date:



Imali yamaphepha

Yimalini imali engepheseni yami?



Sika imali yamaphepha kuSika we-3 bese unamathisela inani elifaneleko endaweni enembako.



Maranda amangaki nasele awoke?















Iimbalo zamagama:

Ngizibulungele ama-R50. Ngifunyene ama-R20 ngelanga lami lamabeletho. Senginamalini sejiyoke?

Nginama-R90. Ngithenga incwadi ngama-R30. Ngisele ngamalini?



Teacher:

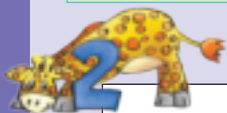
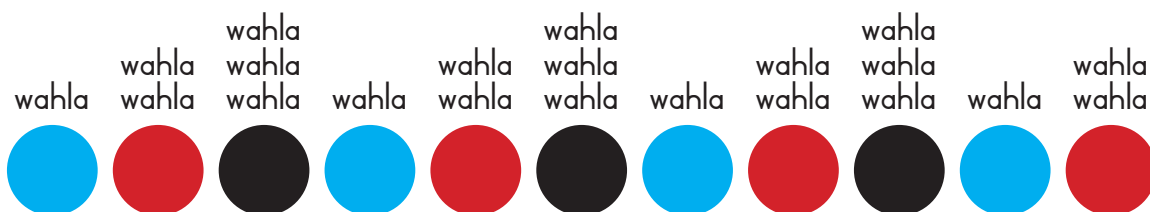
Sign:

Date:

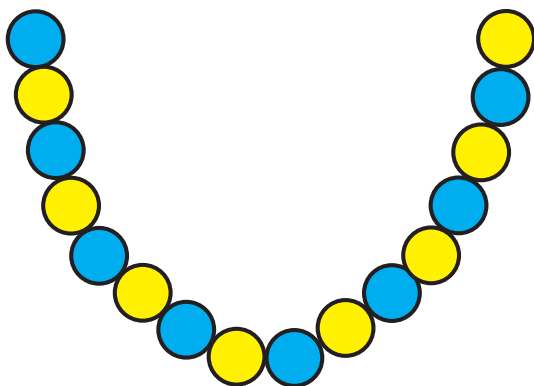
Amaphetheni



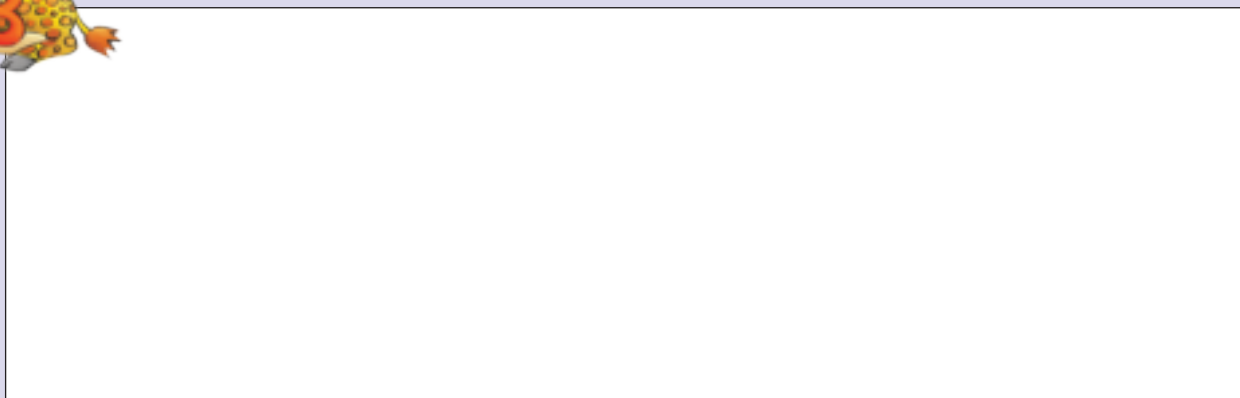
Wahla iphetheni.



Kopulula amaphetheni. Sebenzisa usika wesi-4.

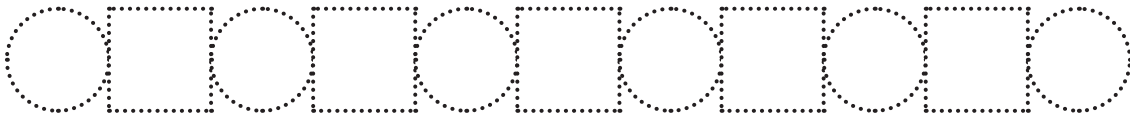


Yenza isithombe sakho ngomncamo oseleko. Sebenzisa usika wesi-4.

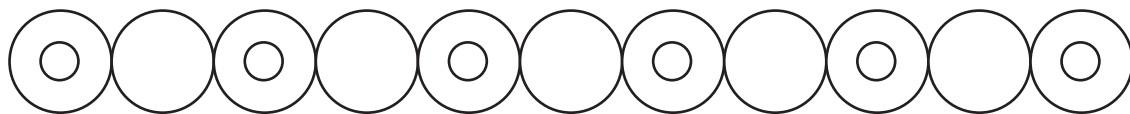




Kopulula amaphetheni alandelako.



Kopulula amaphetheni.



Teacher:

Sign:

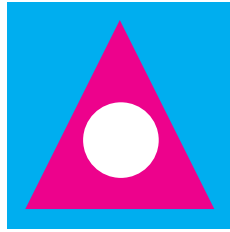
Date:

Amany e amaphetheni

Hlathulula iphetheni ngayinye ngamagama. Amagama angenzasi kungenzeka akusize.



uncazine



isikwere

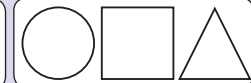
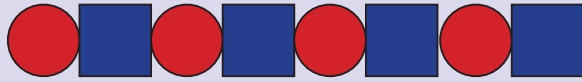
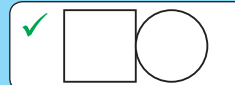


uncantathu



imibala

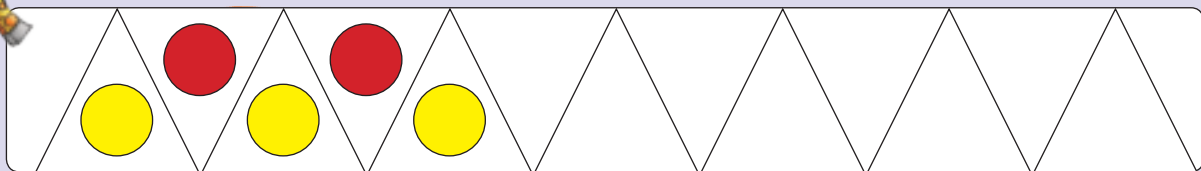
Khetha bese ukhalara iphetheni elandelako.



Gwala iphetheni elandelako.



Ngezelela iphetheni.

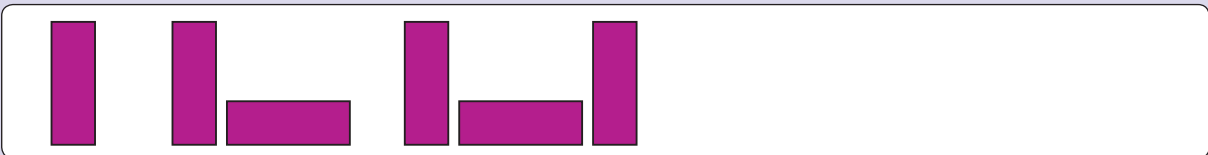
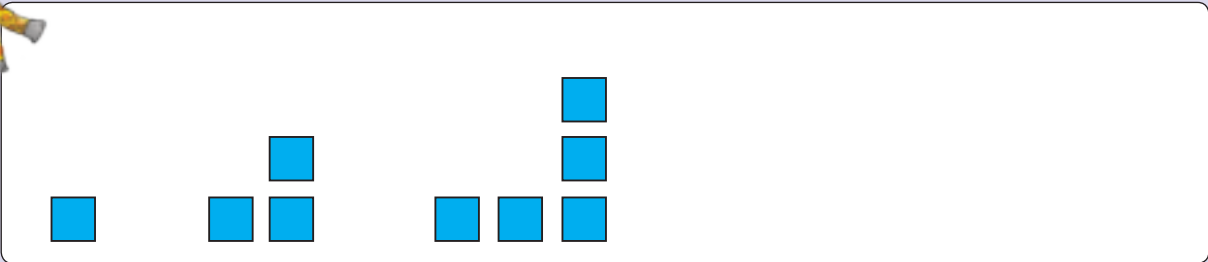




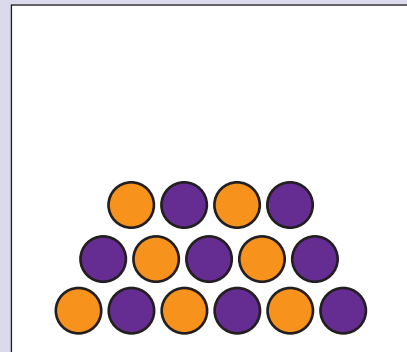
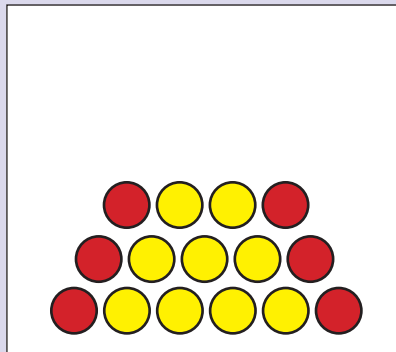
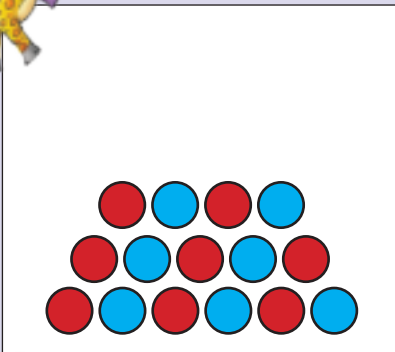
Gwala amaphetheni wakho ngokusebenzisa    .



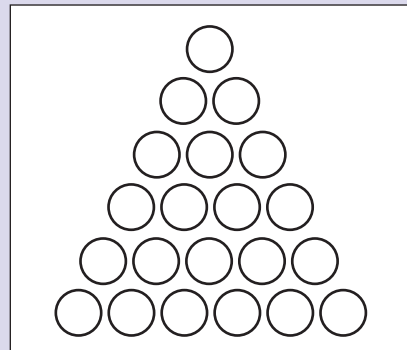
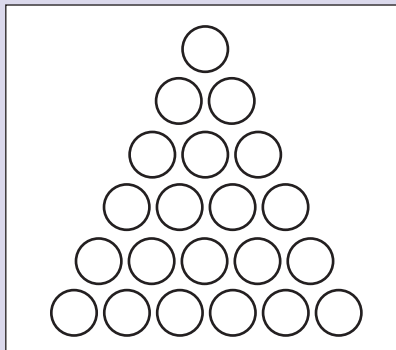
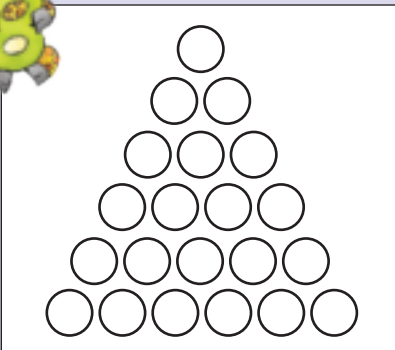
Gwala iphetheni elandelako.



Qedelela okulandelako wenzele kobana ube nendulungu yinye kwaphela ngaphezulu.



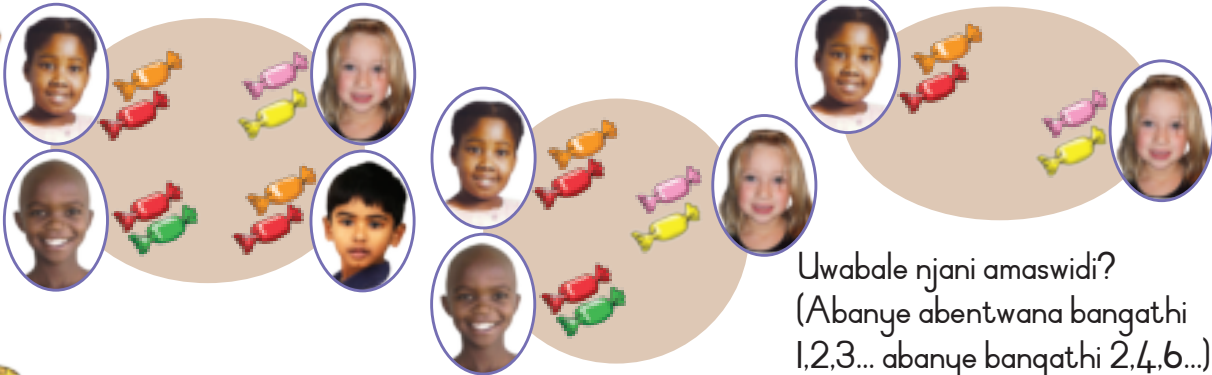
Yenza amaphetheni wombala wakho ngokusebenzisa amabumbeko angenzasi.



Teacher:
Sign:
Date:

Ukubuyabuyelela: $\times 2$

Mangaki amaswidi asethebuleni ngayinye?



Uwabale njani amaswidi?
(Abanye abentwana bangathi 1,2,3... abanye bangathi 2,4,6...)



Qedelela okulandelako. Qala isibonelo.



iinqhema ezi-4
zangaba-2

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

$$4 \times 2 = 8$$



iinqhema ezi-5
zangaba-2

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

$$5 \times 2 =$$



iinqhema ezi-6
zangaba-2

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

$$6 \times 2 =$$



iinqhema ezi-7
zangaba-2

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

$$7 \times 2 =$$



iinqhema ezibu-8
zangaba-2

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

$$8 \times 2 =$$



Yenza umgwalo wokulandelako.

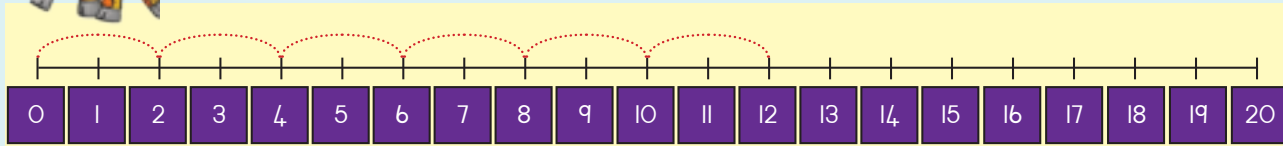
iinqhema ezi-3 zangaku-2

iinqhema ezi-4 zangaku-2

iinqhema ezi-9 zangaku-2



Gwala umgwalo walokhu okulandelako bese uzalisa ngeempendulo ngenzasi.



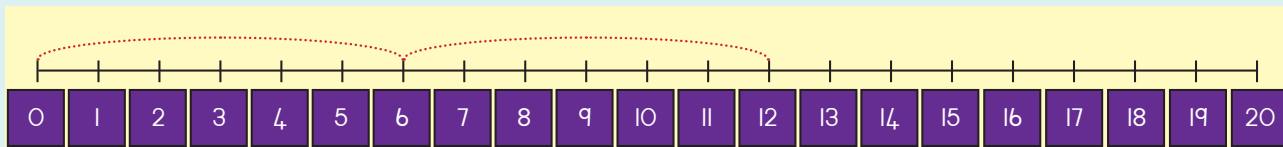
2, 4, 6, 8, __, __

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

$$\text{iinqhema ezi-6 zangaba-2} = \boxed{}$$

$$6 \times 2 = \boxed{}$$

Umgwalo



6, __

$$6 + \boxed{} = \boxed{}$$

$$\text{iinqhema ezi-2 zangaba-} \boxed{} = \boxed{}$$

$$2 \times \boxed{} = \boxed{}$$

Umgwalo



Isiswebu sinye sinamehlo ama-8. Iinswebu ezili-7 zinamehlo amangaki?



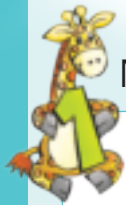
2 4 6 8 10 12 14
16 18 20 22 24 26



Teacher:

Sign:

Date:

Ukubuyabuyelela: $\times 5$

Mangaki amaswidi asetheyibuleni ngayinye?



Qedelela okulandelako: Qala isibonelo.



iinqhema ezi-3 zangaku-5

$5 + 5 + 5 = 15$

$3 \times 5 = 15$



iinqhema ezi-2 zangaku-5

$5 + 5 =$

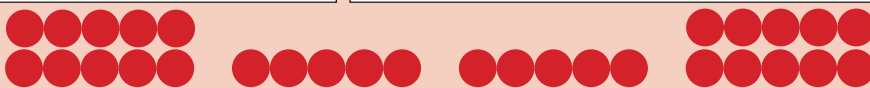
$2 \times 5 =$



iinqhema ezi-4 zangaku-5

$5 + 5 + 5 + 5 =$

$4 \times 5 =$



iinqhema ezi-6 zangaku-5

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

$6 \times 5 =$



iinqhema ezi-7 zangaku-5

$+++++=$

$7 \times 5 =$



Gwala umdwebo wokulandelako.

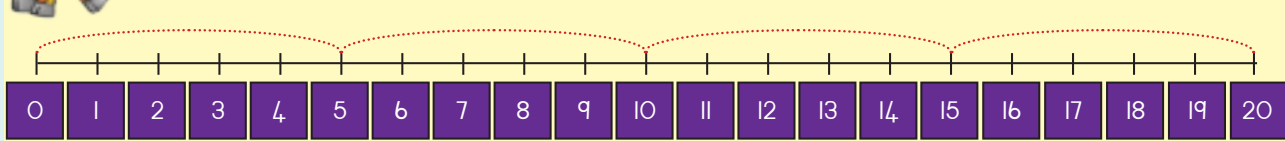
iinqhema ezi-3 zangaku-5

iinqhema ezi-4 zangaku-5

iinqhema ezi-5 zangaku-5



Gwala umgwalo walokhu okulandelako bese uzalisa ngeempendulo ngenzasi.



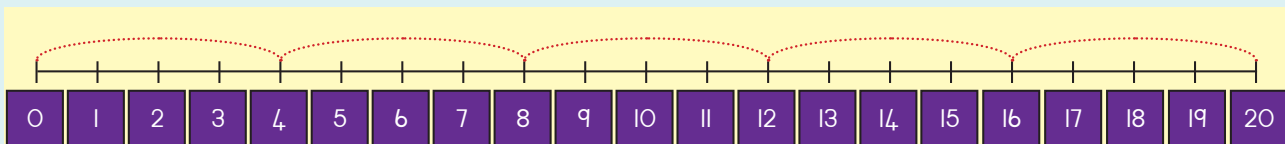
5, 10, 15, ____

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

$$\text{iinqhema ezi-4 zangaku-5} = \boxed{}$$

$$4 \times 5 = \boxed{}$$

Umgwalo



4, 8, 12, ____, ____

$$4 + 4 + 4 + 4 + 4 = \boxed{}$$

$$\text{iinqhema ezi-5 zangaku-4} = \boxed{}$$

$$5 \times 4 = \boxed{}$$

Umgwalo



5 10 15 20 25 30
35 40 45 50



Teacher:

Sign:

Date:



Indatjana zokubuyabuyelela

Yenza iindatjana yakho ngokusebenzisa isibalo esipheleleko seendlebe, izandla neenyawo.



Sibangani abali -10. Sinezandla ezingaki?

Gwala umdwebo.

Kutjengise ngeembalisi.

Kutjengise kunambalayini.

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

+

=

×

=

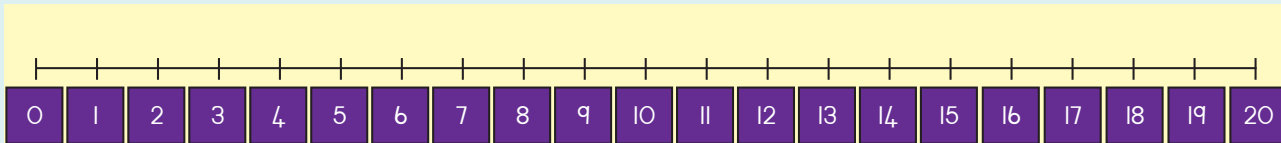


Umndeni kaSusan uneempara ezili-10 zamanyathelo.
Mangaki amanyathelo abanawo?

Gwala umdwebo.

Kutjengise ngeembalisi.

Kutjengise kunambalayini.



+

=

×

=

Tlola indatjana yakho ngokusebenzisa abentwana abasi-6 nezandla zabo.



5 10 15 20 25 30 35



Teacher:

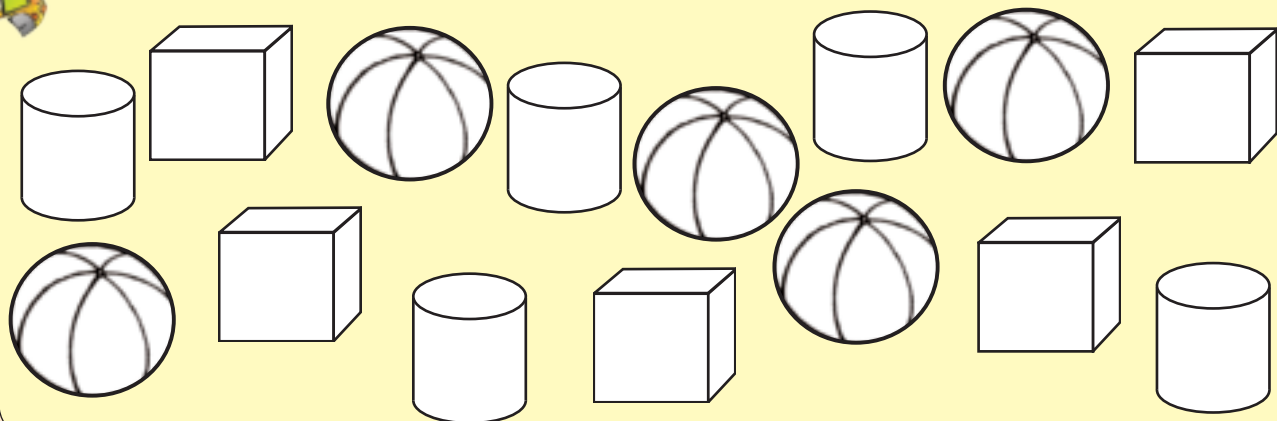
Sign:

Date:

Izinto ezinobungakho obuthathu



Faka zoke iimbholo umbala obomvu, amabhoksi abe hlaza kwesibhakabhaka begodu amasilinda abe nombala ohlaza satjani.

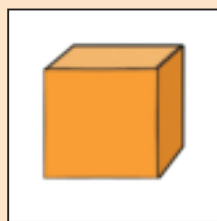


Khetha igama elifaneleko.



imiphetho ebunqopha

imiphetho ezombelezako



imiphetho ebunqopha

imiphetho ezombelezako



imiphetho ebunqopha

imiphetho ezombelezako

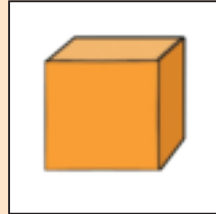


Itjho nakhibe into izokugedeka namkha izokutjhelela.



gedeka

tjhelela



gedeka

tjhelela

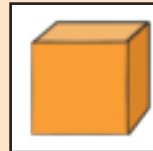


gedeka

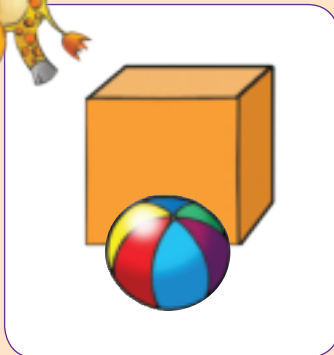
tjhelela



Kungaki okubonako ezintweni lezi ezisesithombeni: amasilinda, amabhoksi kunye neembholo.

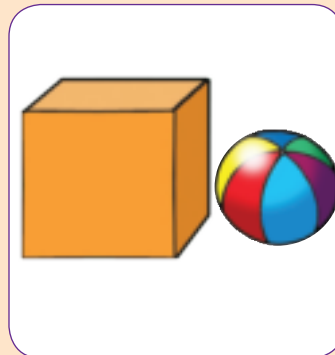


Ikuphi ibholo? Ngabe ingaphambili kwebhoksi? Nanyana ngehlangothini? Nanyana ngaphezulu?



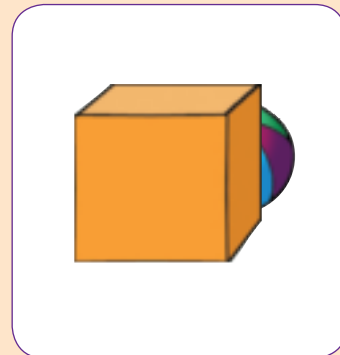
ngaphambili _____
ngehlangothini _____

ngemuva _____
phezulu _____



ngaphambili _____
ngehlangothini _____

ngemuva _____
phezulu _____



ngaphambili _____
ngehlangothini _____

ngemuva _____
phezulu _____



Teacher:

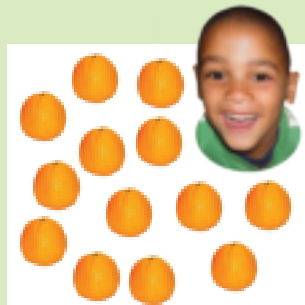
Sign:

Date:

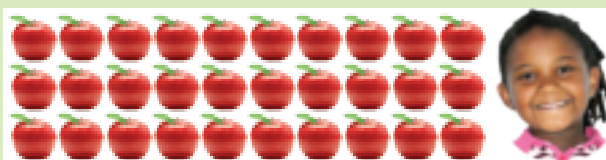
Landelanisa bewulinganise iinomboro: 1-40



Ngubani onama - lamune amanengi?



Ngubani onama - apula amanengi?



Bala umncamo bese uzalise amabhoksi anganalitho.

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



Qala umncamo bese uphendula imibuzo.

Ngijiphi inomboro encani kunabu-8?

Ngijiphi inomboro ekulu kune-13?

Ngijiphi inomboro encani kunama-20?

Ngijiphi inomboro encani kunama-24?



Faka iinomboro ezincani kune-10 umbala ohlaza kwesibhakabhaka bese kuthi ezikulu kune-10 uzifake obomvu.

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

Faka iinomboro ezincani kunama-30 nezikulu kunama-24 umbala ohlaza kwesibhakabhaka.

20	21	22	23	24	25	26	27	28	29	30
----	----	----	----	----	----	----	----	----	----	----

Faka iinomboro ezincani kunama-40 umbala ohlaza kwesibhakabhaka begodu ezikulu kunama-36 umbala osarulani.

30	31	32	33	34	35	36	37	38	39	40
----	----	----	----	----	----	----	----	----	----	----

Faka iinomboro ezilinganako umbala osarulani begodu ufake iinomboro ezingalinganiko umbala ohlaza satjani.

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



Ngijiphi inomboro engalinganiko eza ngemva kwe-10?

Ngijiphi inomboro elinganako eza ngaphambi kwe-10?

Tlola phasi iinomboro ezilinganako ezihlangana kwe-14 nama-24?

Tlola phasi iinomboro ezingalinganiko ezihlangana koku-5 nokuli-15?

Ngijiphi inomboro eza ngemva kwama-21?

Ngijiphi inomboro elinganako eza ngaphambi kwama-24?

Tlola phasi iinomboro ezilinganako ezihlangana kwama-20 nama-30?

Tlola phasi iinomboro ezingalinganiko ezihlangana kwama-20 nama-30?



Teacher:

Sign:

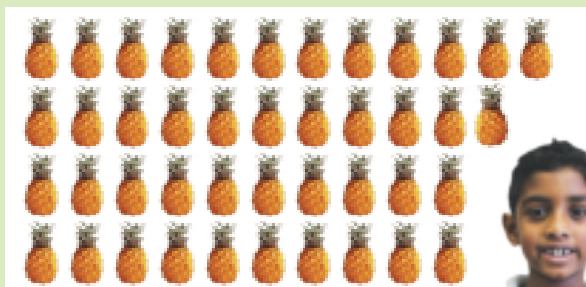
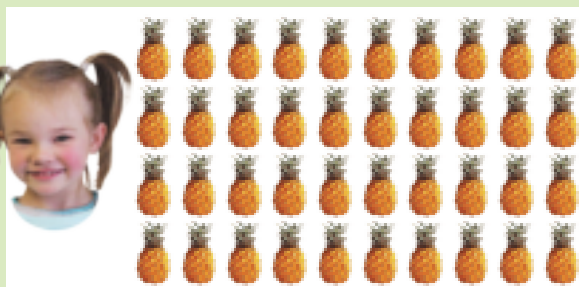
Date:

34

Ithemu 2

Landelanisa begodu umadanise: 40 – 50

Ilanga:



Bala umncamo bese uzalisa amabhoksi anganalitho.

1	2	3	4	5					
								19	
							28		

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



Ngijiphi inomboro encani kunaku-3?

Ngijiphi inomboro ekulu kunama-31?

Ngijiphi inomboro encani kunama-38?

Ngijiphi inomboro encani kunama-47?



30	31	32	33	34	35	36	37	38	39	40
----	----	----	----	----	----	----	----	----	----	----



40	41	42	43	44	45	46	47	48	49	50
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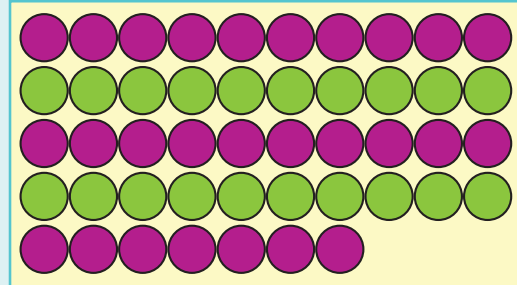
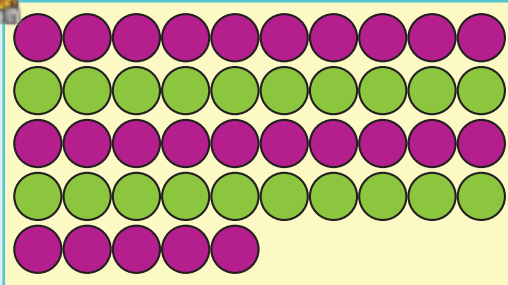


Date:

Inomboro 40 – 50



Bala inani lomncamo?



Inomboro

Singayitlola njenge

Inomboro

Singayitlola njenge

45

40 + 5 = 45

+ =

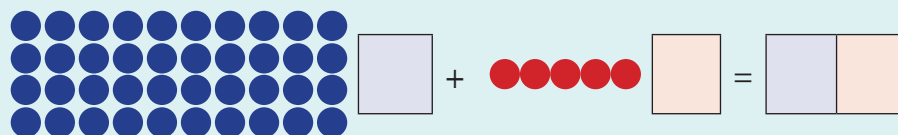
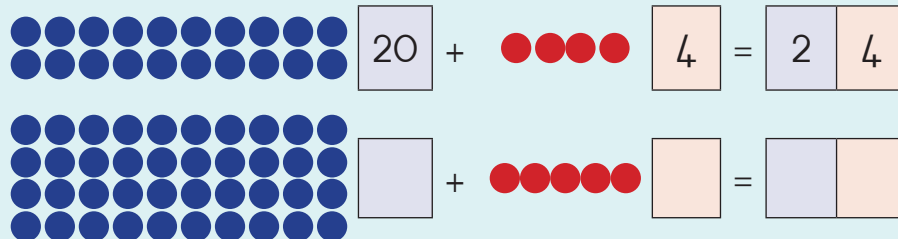


Qedelela okulandelako.

20	21	22							
30				34					
		42							



Qedelela okulandelako.





Tlola amagama we.

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



Qala esibonelweni sokuthoma bese uqedelela aseleko.

45 =	4	amatjhumi	+	5	amayunidi
43 =		amatjhumi	+		amayunidi
42 =		amatjhumi	+		amayunidi

44 =		amatjhumi	+		amayunidi
41 =		amatjhumi	+		amayunidi
48 =		amatjhumi	+		amayunidi



Tlola inomboro enembako ngaphakathi kwekholomu efaneleko.

	Amatjhumi	Amayunidi
27		
34		
46		
41		
39		



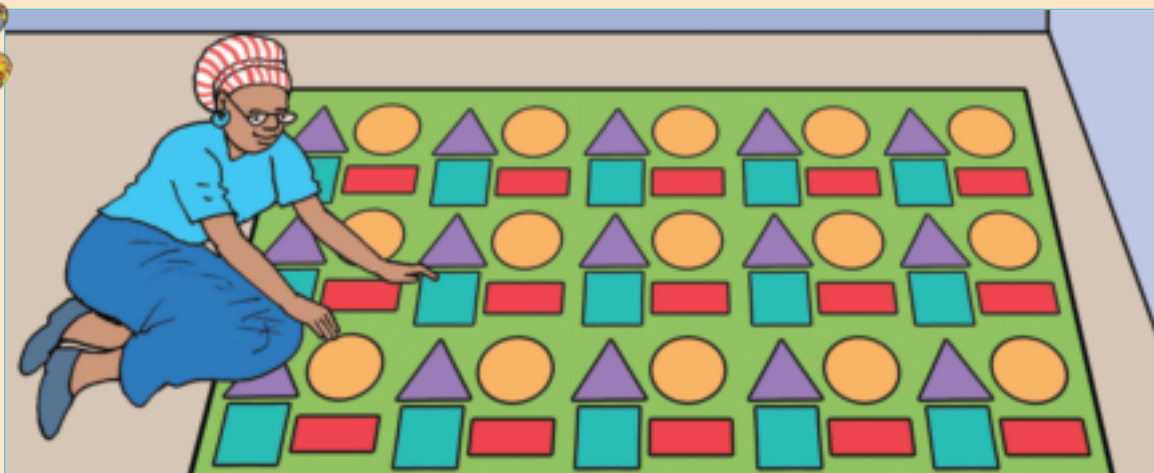
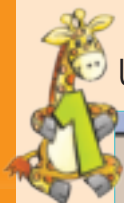
Teacher:

Sign:

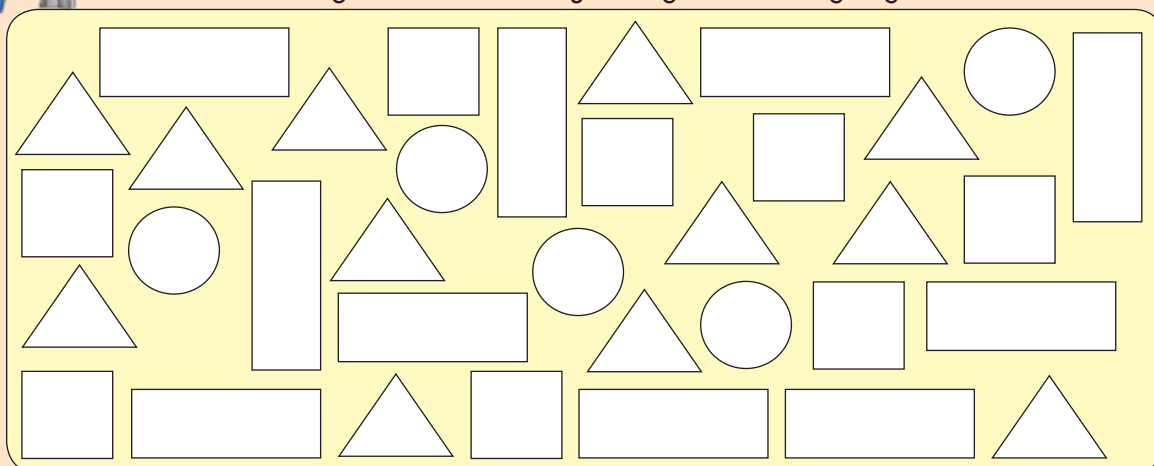
Date:

Iinkwere, aboncazine, aboncantathu begodu neendulungu

Ugogo wenza isendlalo sombhede esihle khulu. Khomba woke amabumbeko.



Faka iinkwere umbala ohlaza kwesibhakabhaka, aboncazine osarulani, aboncantathu ngombala ohlaza satjani begodu iindulungu ngombala obomvu.

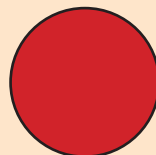


Khetha bese ukhalara ipendulo enembako.



imiphetho ebunqopha

imiphetho eyindulungu



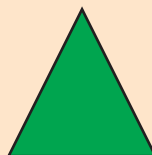
imiphetho ebunqopha

imiphetho eyindulungu



imiphetho ebunqopha

imiphetho eyindulungu

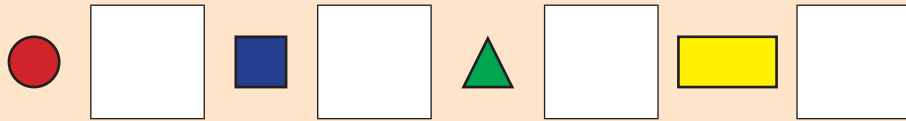
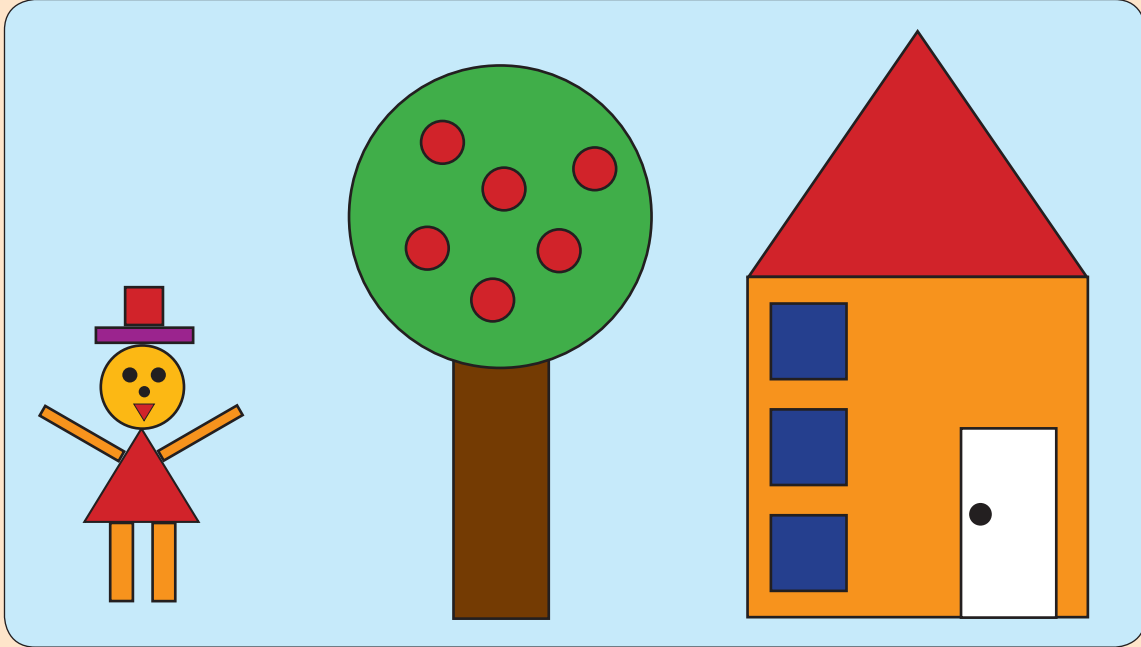


imiphetho ebunqopha

imiphetho eyindulungu



Zingaki    begodu  namarekthengela owabalako?



Gwala isithombe sakho ngokusebenzisa iindulungu, iinkwere, aboncantathu begodu namarekthengela.



Teacher:
Sign:
Date:

Ukuhlenganisa nokukhupha ukufikela e-20

Ukukhumbula masinyazana.



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

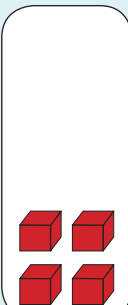
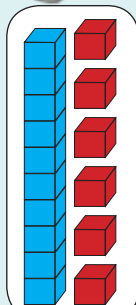


Hlenganisa okulandelako.

	$=$ 10 2 $+$ 6
	$=$ 10 $+$ 8
	$=$ 18
	$=$ $+$
	$=$ $+$
	$=$ $+$
	$=$
	$=$ $+$
	$=$ $+$
	$=$



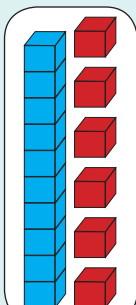
Khupha okulandelako.



$$= 10 - 4$$

$$= 10 - 2$$

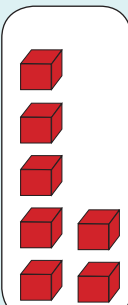
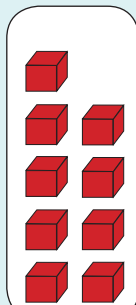
$$= 8$$



$$= \square - \square$$

$$= \square + \square$$

$$= \square$$



$$= \square - \square$$

$$= \square$$



Ngathenga amaswidi ali-15. Ngadla ma-2. Nganikela umngani wami ma-4.
Ngisele namaswidi amangaki?



Teacher:
Sign:
Date:

Ukuhlanganisa nokukhupha ukufikela e - 50



Ukukhumbula masinyazana.

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



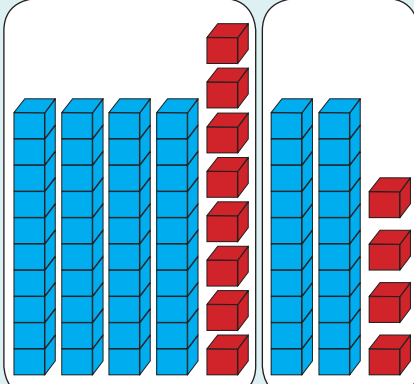
Hlanganisa okulandelako.

		$=$ $+$ $=$ $+$ $=$
		$=$ $+$ $+$ $=$ $+$ $=$

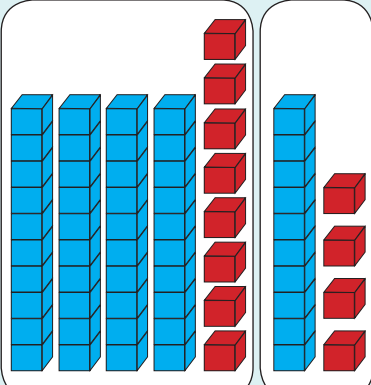
Kwanje linga ngeyakho indlela.



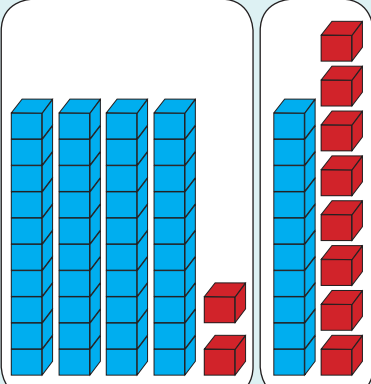
Khupha okulandelako.



$$\begin{aligned}
 &= 40 + 8 - 20 - 4 \\
 &= 40 - 20 + 8 - 4 \\
 &= 20 + 4 \\
 &= 24
 \end{aligned}$$



$$\begin{aligned}
 &= \square + \square - \square - \square \\
 &= \square - \square + \square - \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$



$$\begin{aligned}
 &= \square + \square - \square - \square \\
 &= \square - \square + \square - \square \\
 &= \square - \square \\
 &= \square
 \end{aligned}$$



Nginemali yephepha ema-R10, ne-R5 emumuwa kanye ne-R2 emumuwa ngebhangeni lami eliyifarigana. Nginemalini engiyibulungileko?



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Ithemu 2



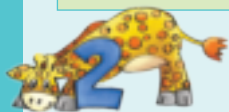
Ilanga:

Ukuhlanganisa okungaphezulu

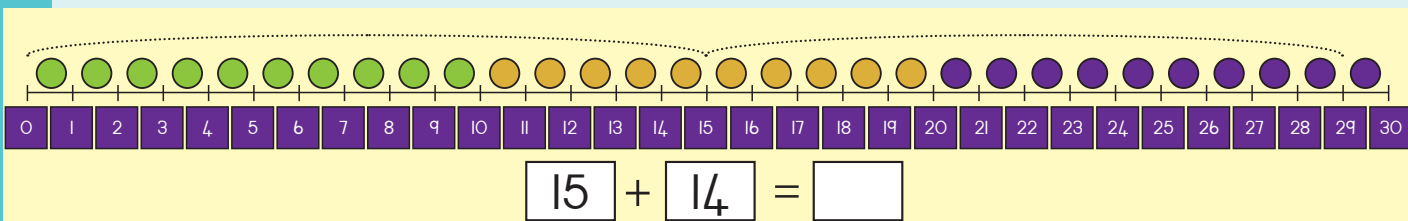
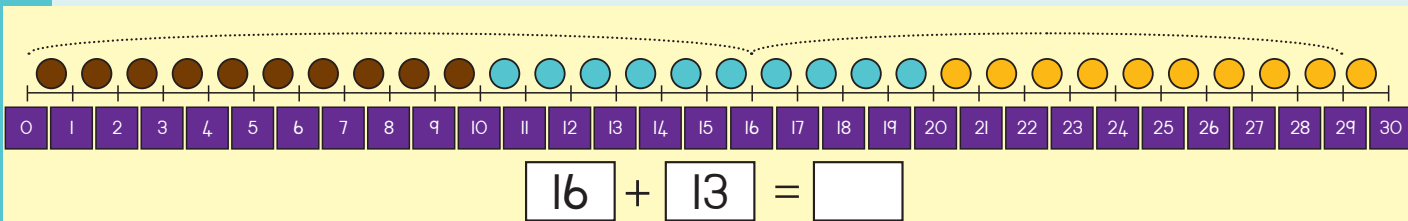
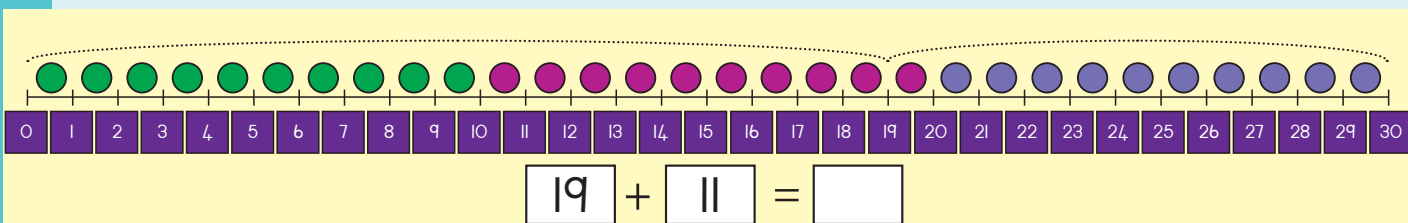
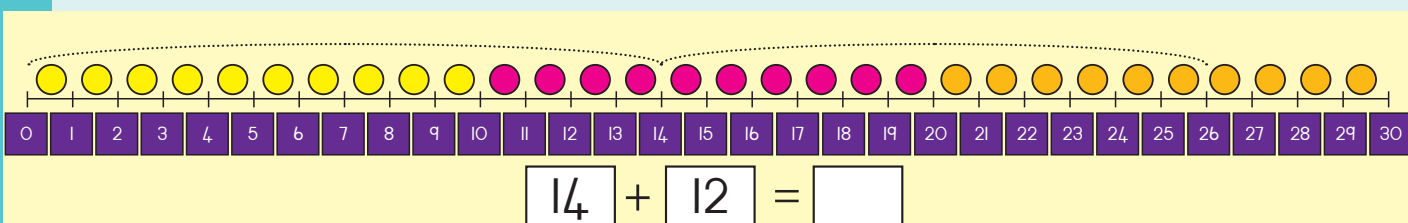
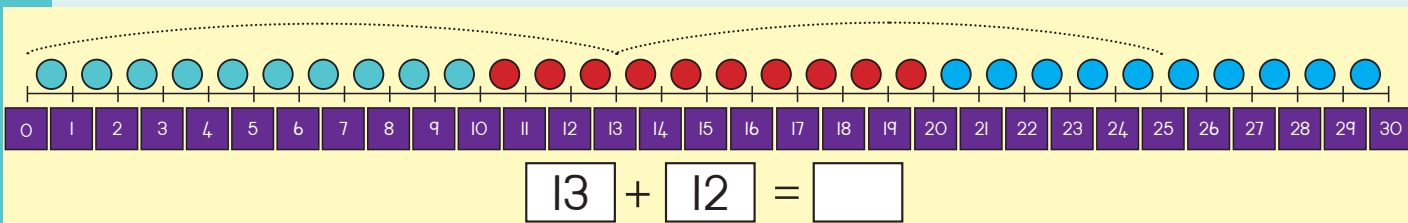


Hlanganisa iinomboro ngaphakathi kwelinye nelinye ibhoksi bese utlola inani elipheleleko.

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



Hlanganisa.





Hlanganisa.

$$12 + 11$$

$$= \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 2 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array}$$

$$= \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} + \begin{array}{|c|} \hline 2 \\ \hline \end{array} + \begin{array}{|c|} \hline 1 \\ \hline \end{array}$$

$$= \begin{array}{|c|c|} \hline 2 & 0 \\ \hline \end{array} + \begin{array}{|c|} \hline 3 \\ \hline \end{array}$$

$$= \begin{array}{|c|c|} \hline 2 & 3 \\ \hline \end{array}$$

$$13 + 15$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$26 + 12$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$23 + 22$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$24 + 13$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$35 + 12$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

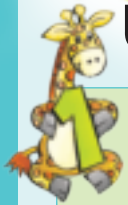
$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$



UBetty uthenge amaswidi abiza ama-R36,
uSipho yena wathenga abiza ama-R13.
Basebenzise malini emaswidini



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Date:



Ukuhlanganisa okungaphezulu (kuragela phambili)

Tlola inani elipheleleko.

$$12 + 10 = \square$$



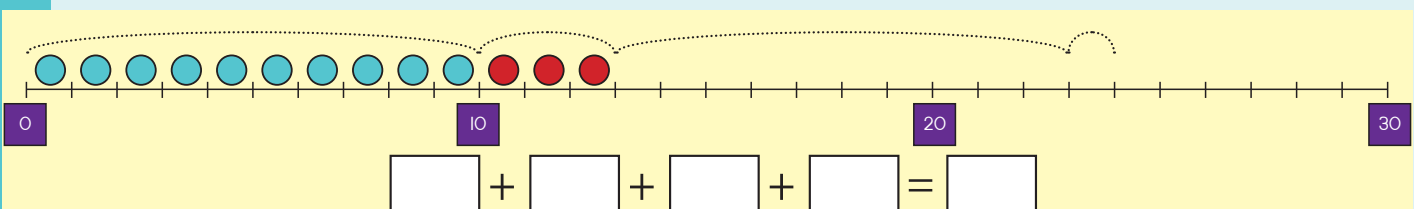
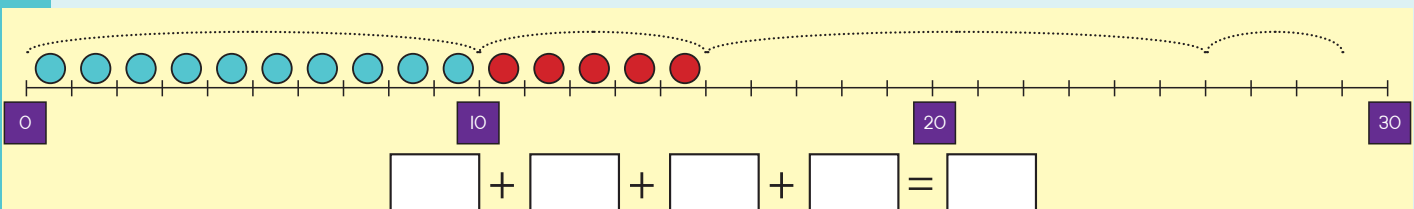
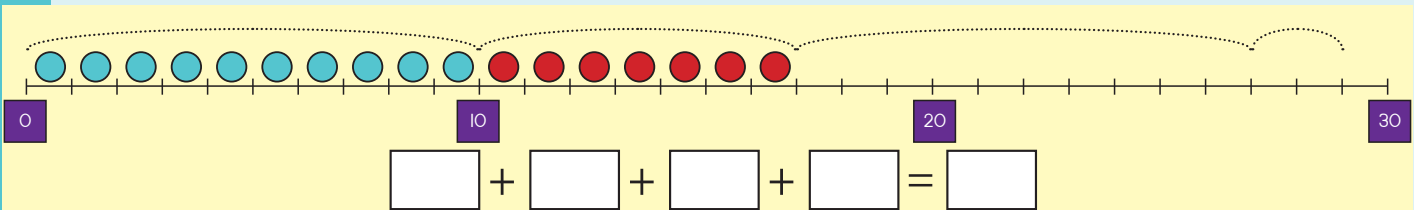
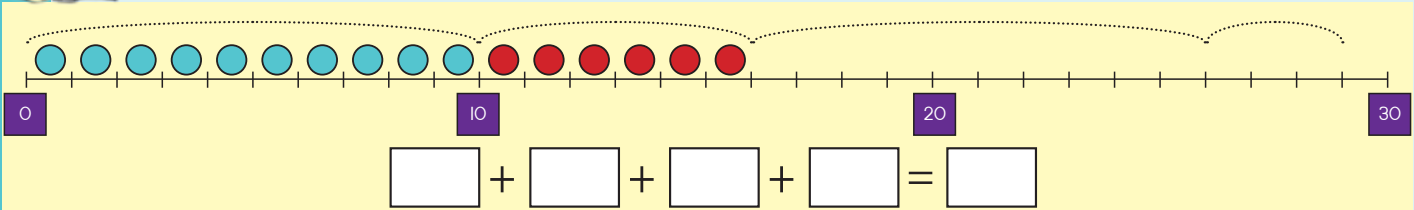
$$1 + 10 = \square$$



$$19 + 10 = \square$$



Grwala wo ke umncamo oseleko bese uqedelela iimbalo.





Qedelela.

$$28 + 11 = 28 + 10 + 1 = 38 + 1 = 39$$

$$34 + 12 = 34 + 10 + 2 = \square + \square = \square$$

$$23 + 13 = 23 + 10 + 3 = \square + \square = \square$$

$$35 + 12 = 35 + 10 + 2 = \square + \square = \square$$

$$26 + 11 = 26 + 10 + 1 = \square + \square = \square$$



Hlanganisa:

$$11 + 10 = \square$$

$$23 + 10 = \square$$

$$36 + 10 = \square$$

$$28 + 10 = \square$$

$$37 + 10 = \square$$

$$12 + 10 = \square$$

$$34 + 10 = \square$$

$$29 + 10 = \square$$

$$15 + 10 = \square$$



Isibalo se-27 nesesi-16 sili?

Gwala isithombe ukutjengisa ipendulo yakho.



Tlola isibalo samagama wakho ngokusebenzisa iinthombe.

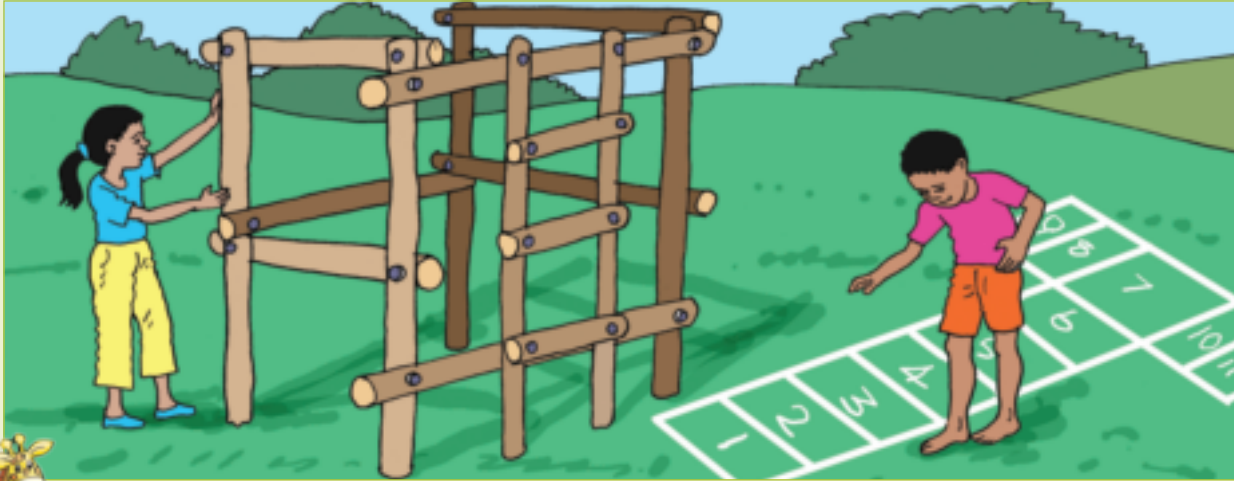


Teacher:

Sign:

Date:

Ubude

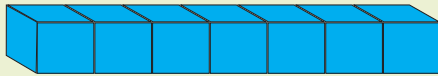


Khalara ipendulo enembako ukutjengisa kobana imida namakholomu made nanyana mafitjhani, mafitjhani nanyana made, made nanyana matsikani. khalara ipendulo yakho ngemibala efanako neyamabhlogo.



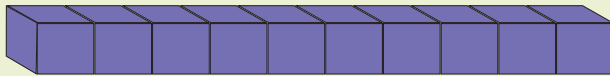
fitjhazana

ubude



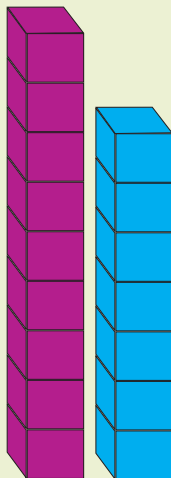
fitjhazana

ubude



fitjhazana

ubude

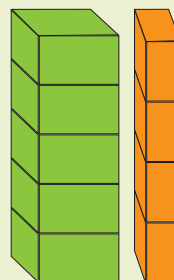


fitjhazana

edenyana

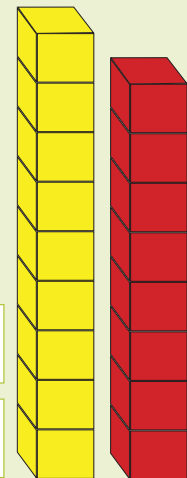
ede

edweni



fitjhazana

denyana





Faka ipendulo umbala of ana namabhrugu amafitjhani womsana.



fitjhazana

denyana



denyana

fitjhazana



fitjhazana

denyana

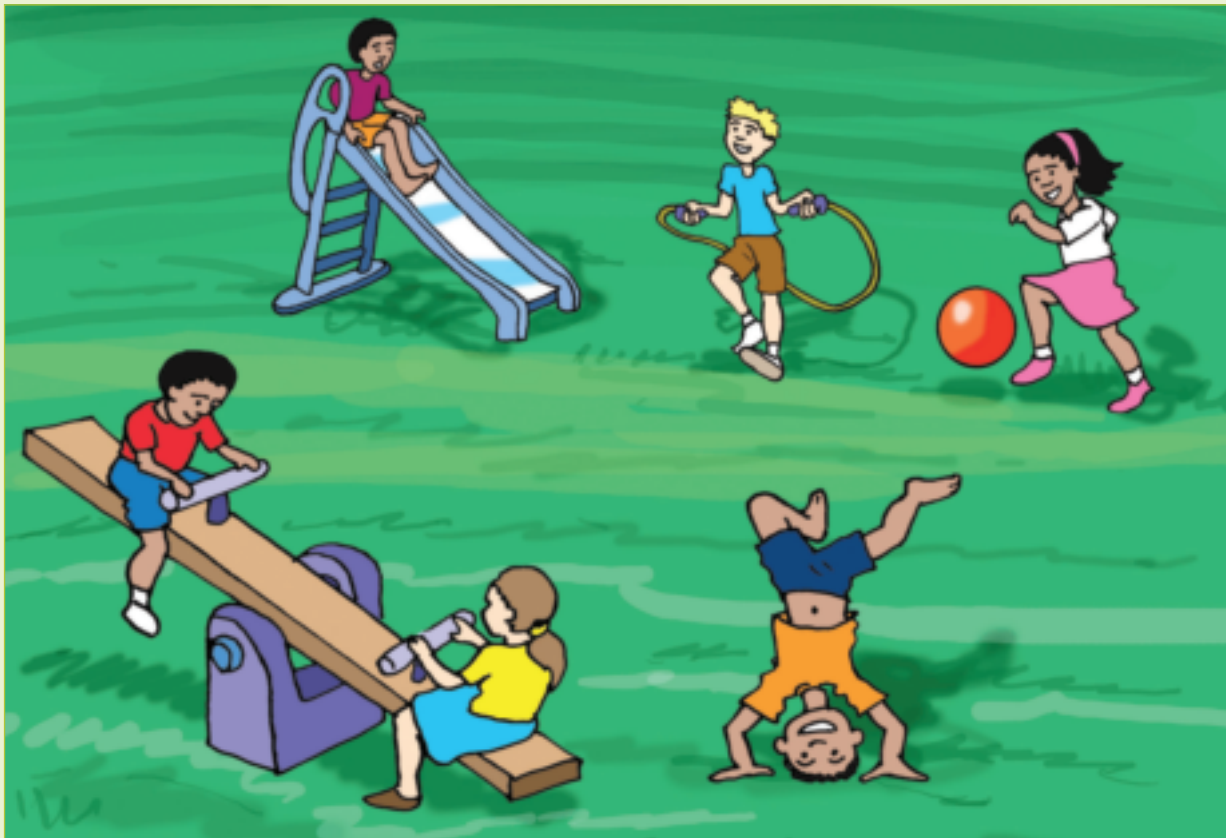


Meda amahlangothi wekundla yokudlalela ngesandla nangenyawo kuSika I. Ikundla yokudlalela yide ngezandla ezingaki. Ikundla yokudlalela yide ngeenyawo ezingaki.

Ubude bebala bungaba zizandla ezingaki?

Ubude bebala bungaba ziinyawo ezingaki?

← ubude →



Teacher:

Sign:

Date:



Ilanga:

Ukukhupha



Madanisa amakarada neembalo zokukhipha.

10	10	10	10	10
22	88	77	55	33

$$17 - 7 = 10$$

$$12 - 2 = 10$$

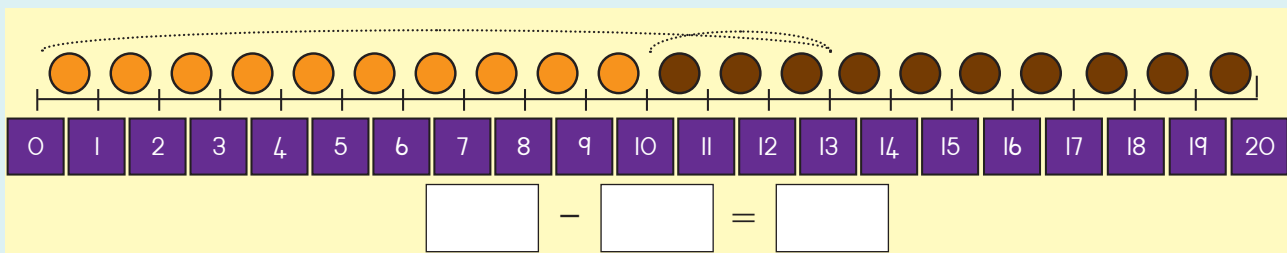
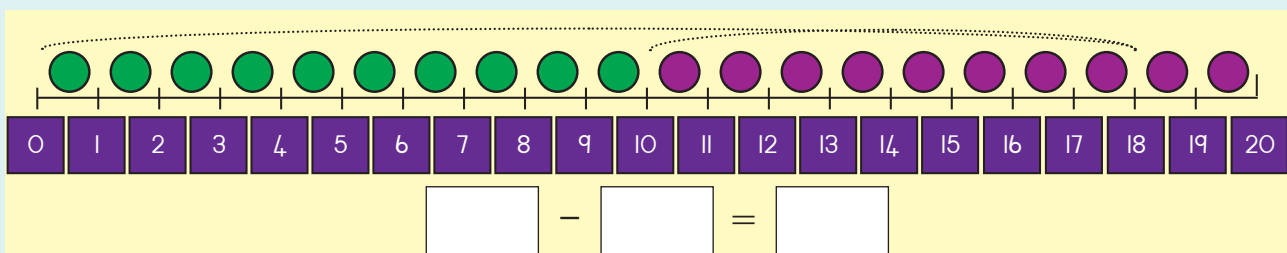
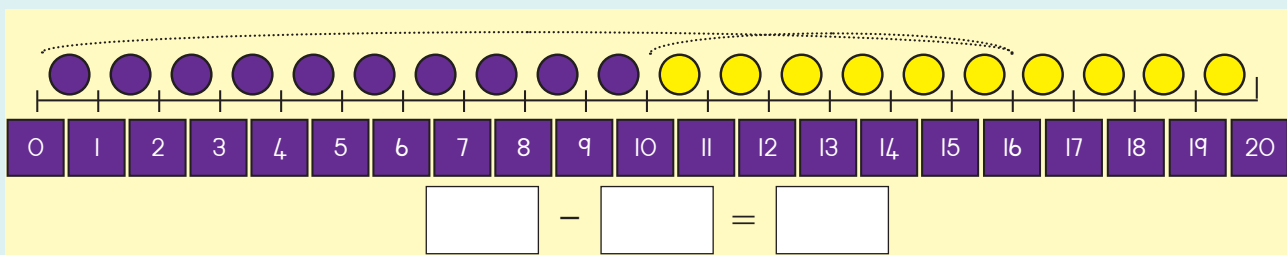
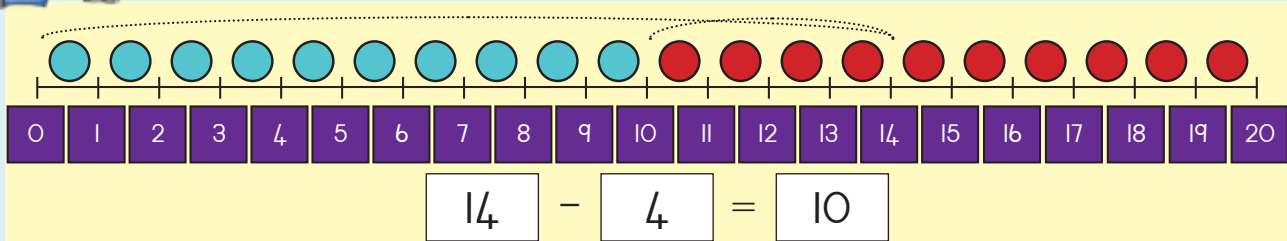
$$15 - 5 = 10$$

$$13 - 3 = 10$$

$$18 - 8 = 10$$



Sebenzisa inambalayini. Tlola isibalo sokukhupha.





Ukukhupha.

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	=	



Ukukhupha.

16 - 13

10		10		=	
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 uneembalisi ezili-17. Ulahlekelwa ziimbalisi ezibu-8.



Usele neembalisi ezingaki?



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Ithemu 2



Khupha iinomboro ezingenzasi kezingehla.

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



Sebenzisa inambalayini. Tlola isibalo sokukhupha.

0	10	20	30
$25 - 12 = \square$			
0	10	20	30
$\square - \square = \square$			
0	10	20	30
$\square - \square = \square$			
0	10	20	30
$\square - \square = \square$			
0	10	20	30
$\square - \square = \square$			



Khupha.

$$45 - 23$$

$$= 40 + 5 - 20 - 3$$

$$= 40 - 20 + 5 - 3$$

$$= 20 + 2$$

$$= 22$$

$$38 - 16$$

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

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

$$= \square + \square$$

$$= \square$$

$$29 - 14$$

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

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

$$= \square + \square$$

$$= \square$$

$$48 - 11$$

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

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

$$= \square + \square$$

$$= \square$$

$$35 - 23$$

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

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

$$= \square + \square$$

$$= \square$$

$$38 - 15$$

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

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

$$= \square + \square$$

$$= \square$$



Teacher:

Sign:

Date:

42b

Ithemu 2



Ilanga:

Okhunye godu ukukhupha



Liyini inani loku lebhlogo ngayinye?

$$\boxed{22} - \boxed{10} = \boxed{}$$



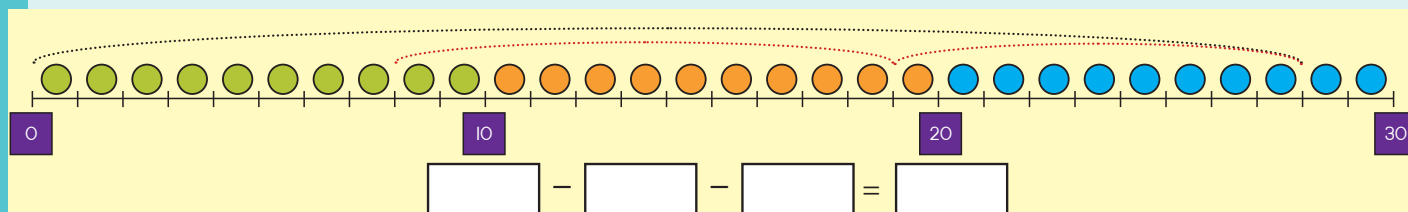
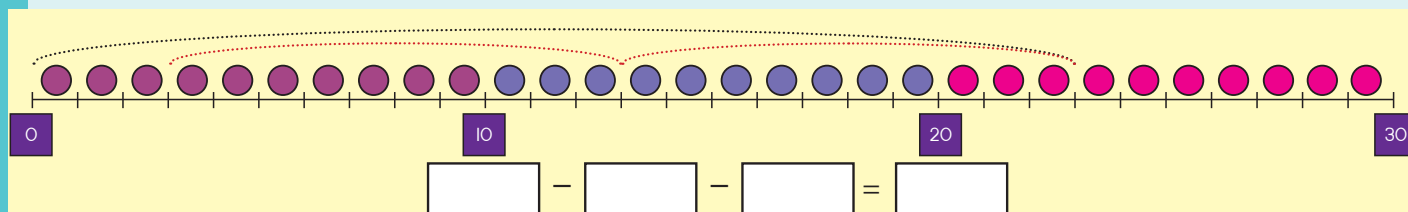
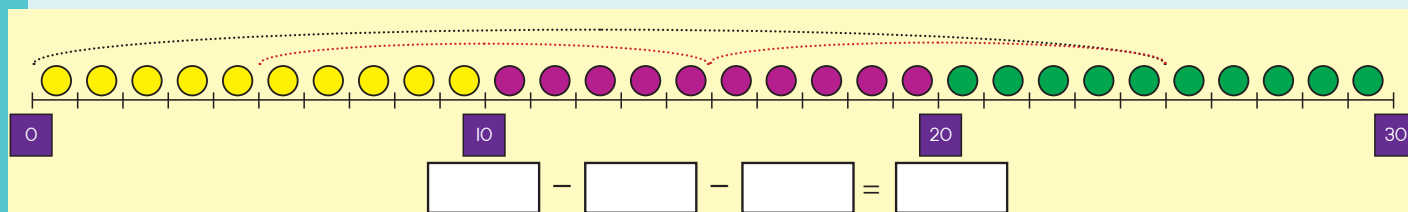
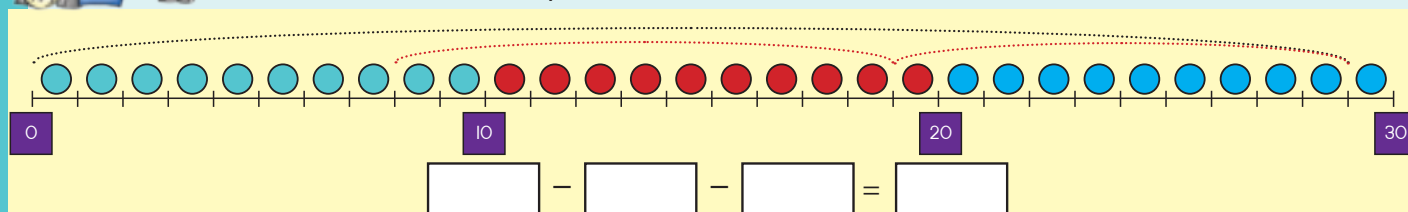
$$\boxed{25} - \boxed{10} = \boxed{}$$



$$\boxed{29} - \boxed{10} = \boxed{}$$



Qedelela iimbalo zokukhipha.





Qedelela.

$$46 - 13 = \square$$

$$49 - 23 = \square$$

$$38 - 14 = \square$$

$$27 - 16 = \square$$

$$25 - 11 = \square$$

$$46 - 32 = \square$$



Khupha.

$$\begin{array}{r} 21 - 10 = \square \\ 28 - 10 = \square \\ 34 - 10 = \square \end{array}$$

$$\begin{array}{r} 43 - 10 = \square \\ 27 - 10 = \square \\ 37 - 10 = \square \end{array}$$

$$\begin{array}{r} 16 - 10 = \square \\ 22 - 10 = \square \\ 45 - 10 = \square \end{array}$$

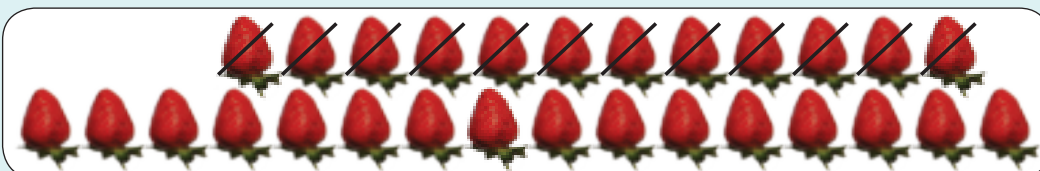


Umehluko hlangana nama-35 nama-20 li?
Gwala isithombe ukutjengisa ipendulo yakho.

$$35 - 20 = \square$$



Tlola isibalo samagama wakho
ngokusebenzisa iinthombe.



Teacher:

Sign:

Date:

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Ithemu 2



Ilanga:

Ubudisi nobulula

Qala isithombe ngasinye bese uphendula imibuzo.

Ngikuphi okulula kanye nalokho okubudisi khulu?

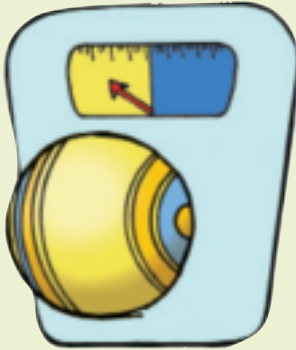


Namathisela nanyana ugwale iinthome zalokhu:

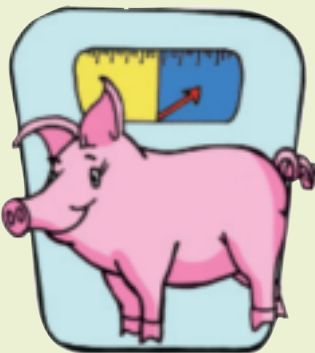
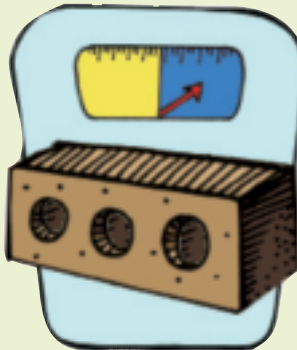
Iinthombe zezinto ezibudisi	Iinthombe zezinto ezilula



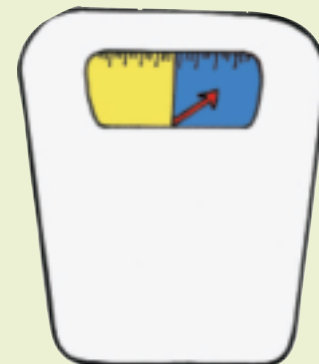
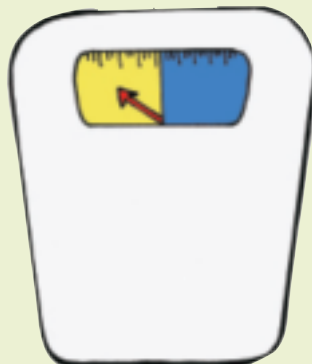
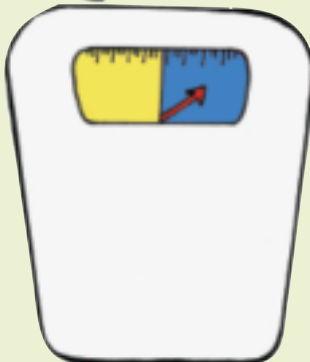
Lokha umkhonto obovu ukhomba ngehlangothini elisarulani, into ilula begodu nawukhomba kuhlaza sasibhakabhaka, into ibudisi. Tlola kubudisi nanyana kulula.



lula



Namathisela nanyana ugware ukuya ngalokho isikala/isimedo besikutjhoko.



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Sign:

Date:

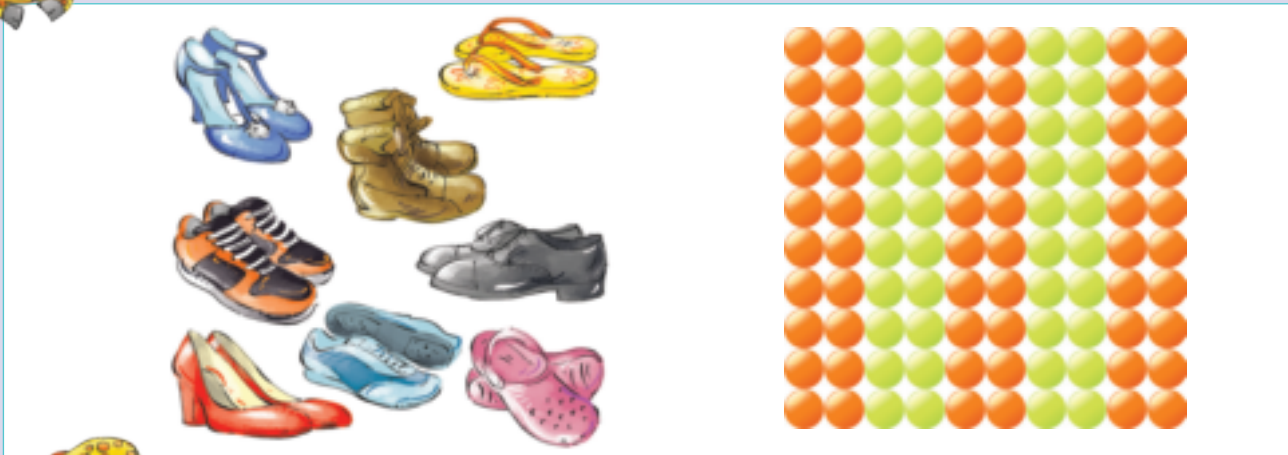
44

Ithemu 2



Asibaleni ngakubili.

Isibalo samaphetheni: Ngamabili

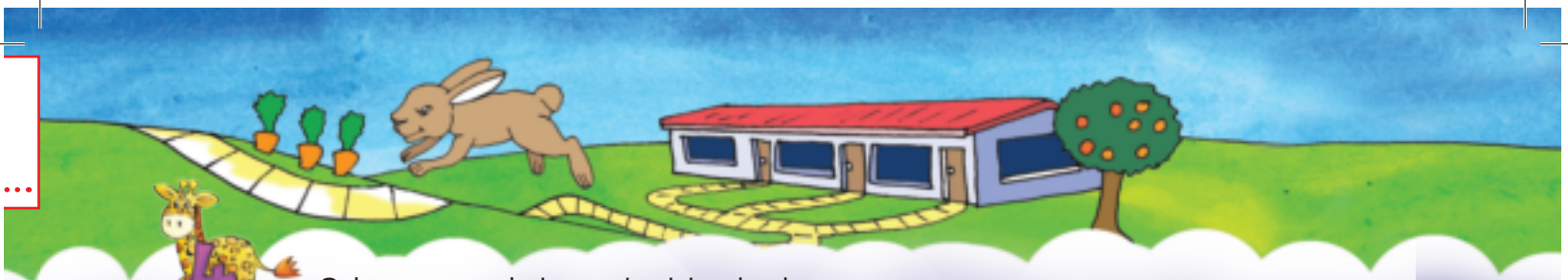


Cwala namkha namathisela iinthombe zezinto ezikhamba ngazimbili.

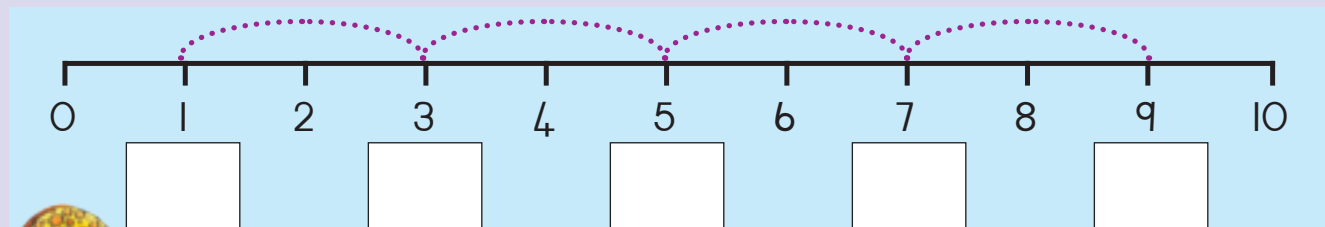
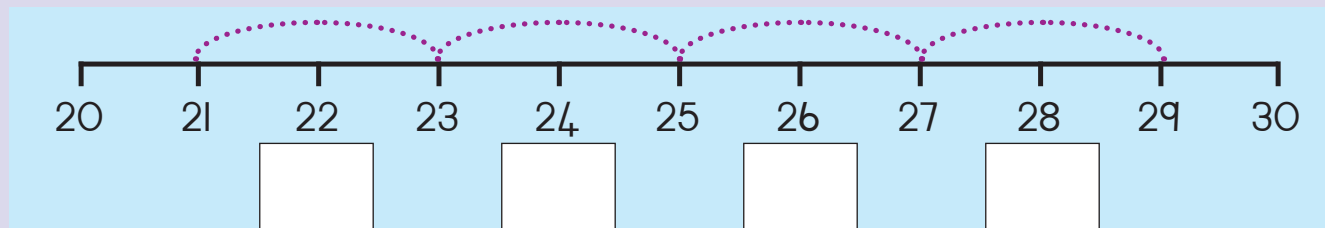
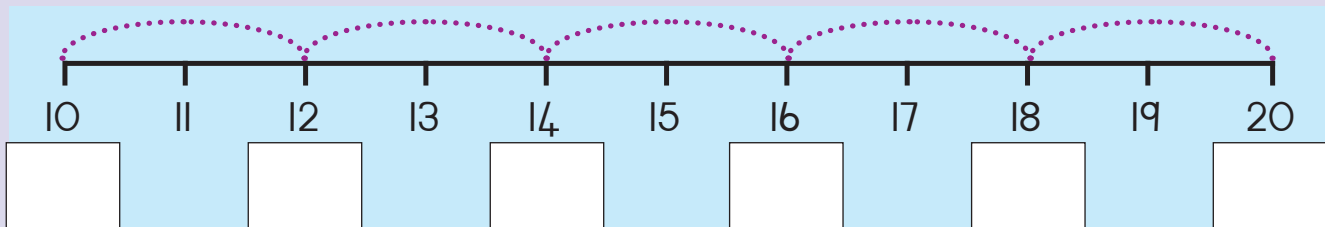
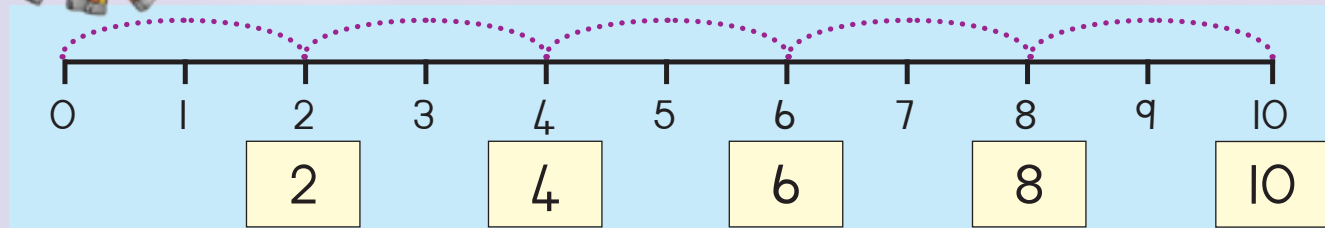


Sithome iphetheni. Wena-ke iqedelele.

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 inambalayini ukutlola iphethehi.



Qedelela okulandelako.

2, 4, 6, __, __, __

62, 64, 66, __, __, __

44, 46, 48, __, __, __

1, 3, 5, __, __, __

13, 15, 17, __, __, __

55, 57, 59, __, __, __

10, 8, 6, __, __, __

98, 96, 94, __, __, __

26, 24, 22, __, __, __

11, 9, 7, __, __, __

29, 27, 25, __, __, __

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

Ithemu 2



Ilanga:

Buyelela kabili

Qala isithombe sokuthoma nesesibili. Kwenzeka ini?

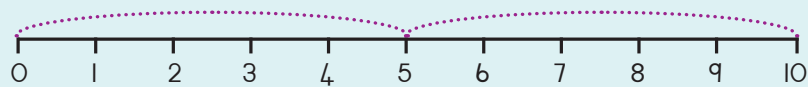
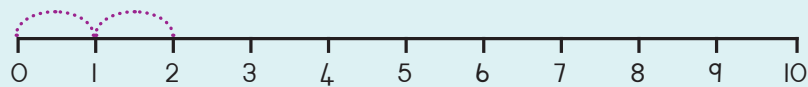
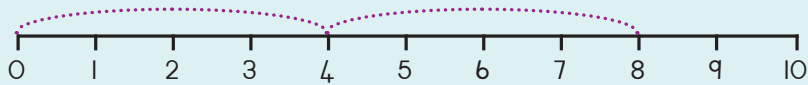
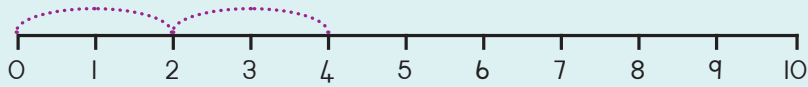
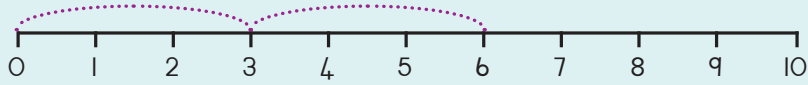


Hlanganisa amacaphazi begodu utlole isibalo sawo.

		+ =
		+ =
		+ =
		+ =
		+ =



Sebenzisa inambalayini ukutlola isibalo.



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

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

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

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

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



Buyelela kabili okulandelako.

Buyelela kabili ngabo-1

$$1 + 1 = 2$$

$$2 \times 1 = 2$$

Buyelela kabili ngabo-2

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

$$2 \times \square = \square$$

Buyelela kabili ngabo-3

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

$$2 \times \square = \square$$

Buyelela kabili ngabo-4

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

$$2 \times \square = \square$$

Buyelela kabili ngabo-5

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

$$2 \times \square = \square$$



Nginama-R5. Umngani wami unenani elibuyelelwe kabili. Umngani wami unamalini?

Teacher:

Sign:

Date:

46

Ithemu 2



Ilanga:

Ngokuphindwe kabili

Qala isithombe sokuthoma nesesibili. Kwenzeka ini?

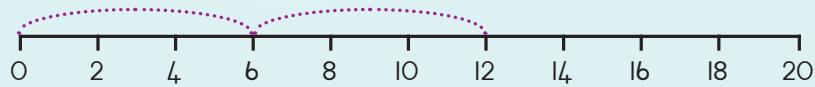


Hlanganisa amaqatjhazi, begodu utlole isibalo sawo ngalinye.

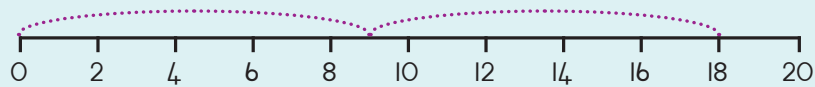
			+		=	
			+		=	
			+		=	
			+		=	
			+		=	



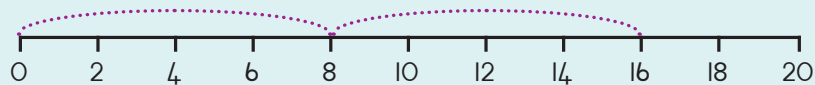
Sebenzisa inambalayini ukutlola isibalo.



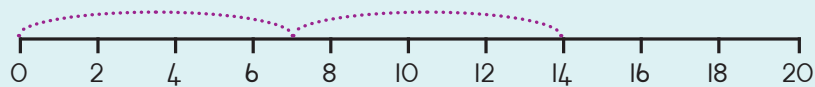
$$\square + \square = \square$$



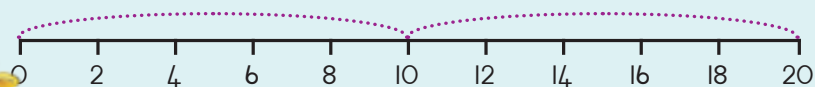
$$\square + \square = \square$$



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



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



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



Buyelela kabili okulandelako.

Buyelela kabili ngabo-6

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

$$2 \times 6 = 12$$

Buyelela kabili ngabo-7

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

$$2 \times \square = \square$$

Buyelela kabili ngabo-8

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

$$2 \times \square = \square$$

Buyelela kabili ngabo-9

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

$$2 \times \square = \square$$

Buyelela kabili ngabo-10

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

$$2 \times \square = \square$$



Umngani wami unamamabula ali-9. Mina nginenani elibuyelelwe kabili lamamabula anawo. Nginamamabula amangaki?



Teacher:

Sign:

Date:



Phinda kabili

Buyelela okubu-8 kabili.

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

Buyelela okuli-9 kabili.

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



Sebenzisa umncamo ukubuyelela iinomboro kabili. Yokuthoma sikuthomele yona.

Buyelela oku-5 kabili



$$5 + 5 = \square$$

Buyelela oku-6 kabili



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

Buyelela oku-7 kabili



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

Buyelela okubu-8 kabili



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

Buyelela okuli-9 kabili



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



Buyelela iinomboro kabili. Faka umbala ngaphasi kwamabhlogo alitjhumu ukutjengisa ipendulo yakho.

Buyelela kabili oku-6

6 + 6 =

2 × 6 =

Buyelela kabili okubu-8

+ =

2 × =

Buyelela kabili oku-7

+ =

2 × =

Buyelela kabili oku-9

+ =

2 × =



Buyelela kabili okulandelako:

Buyelela kabili okuli-7

+ =

2 × =

Buyelela kabili okuli-9

+ =

2 × =

Buyelela kabili okuli-6

+ =

2 × =

Buyelela kabili okubu-8

+ =

2 × =

Buyelela kabili okuli-10

+ =

2 × =



Nginamaphuzu abu-8. Umngani wami unenani elibuyelelwe kabili lamaphuzu enginawo. Umnganami unamaphuzu amangaki?



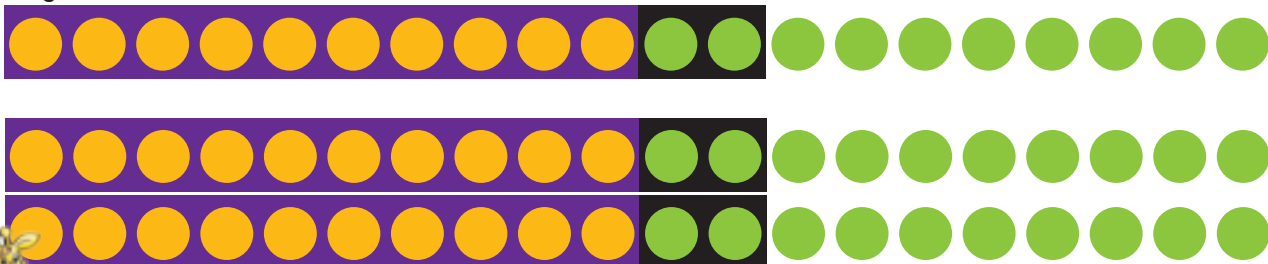
Teacher:

Sign:

Date:

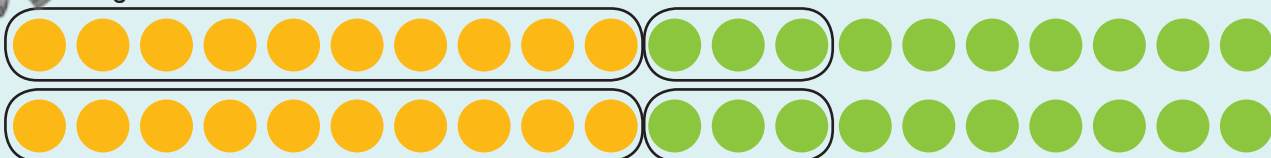
Ukuphinda okubuyelelweko

Buyelela kabili okuli-12



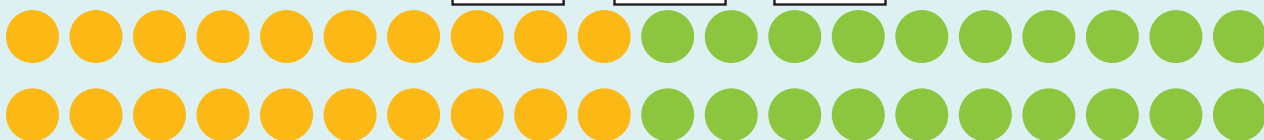
Sebenzisa umncamo ukubuyelela iinomboro kabili. Yokuthoma sesikuthomele yona.

Buyelela kabili okuli-13



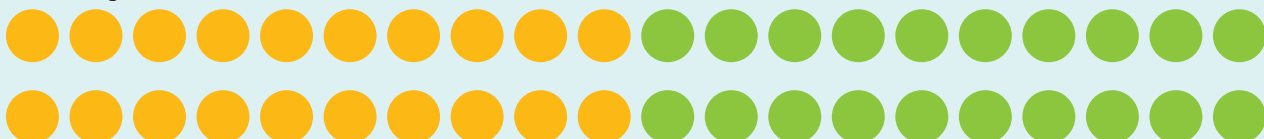
Buyelela kabili okuli-15

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



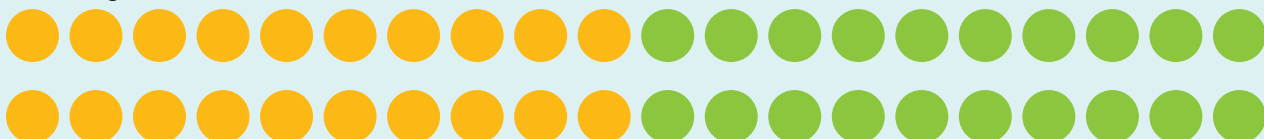
Buyelela kabili okuli-14

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



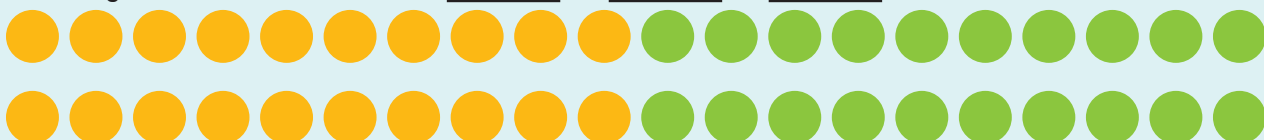
Buyelela kabili okuli-11

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



Buyelela kabili okuli-16

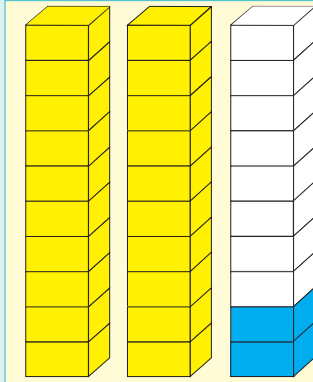
$$\square + \square = \square$$



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



Buyelela iinomboro. Faka ilingaphasi lamabhlogo alitjumi umbala ukutjengisa ipendulo yakho.



Buyelela kabili okuli-II

$$II + II = \square$$

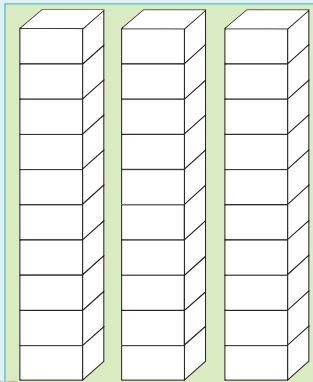
$$2 \times II = \square$$



Buyelela kabili okuli-13

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

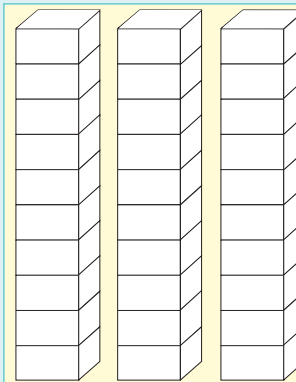
$$2 \times \square = \square$$



Buyelela kabili okuli-14

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

$$2 \times \square = \square$$



Buyelela kabili okuli-15

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

$$2 \times \square = \square$$



Buyelela kabili okulandelako:

Buyelela kabili okuli-II

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

$$2 \times \square = \square$$

Buyelela kabili okuli-13

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

$$\square \times \square = \square$$

Buyelela kabili okuli-16

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

$$2 \times \square = \square$$

Buyelela kabili okuli-17

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

$$\square \times \square = \square$$

Buyelela kabili okuli-18

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

$$2 \times \square = \square$$



Ngiphumelele ukutlola amagama ali-14 ngendlela efaneleko. Othumbileko uthole inomboro leyo ngokuphindwe kabili. Othumbileko uthole ngaki?



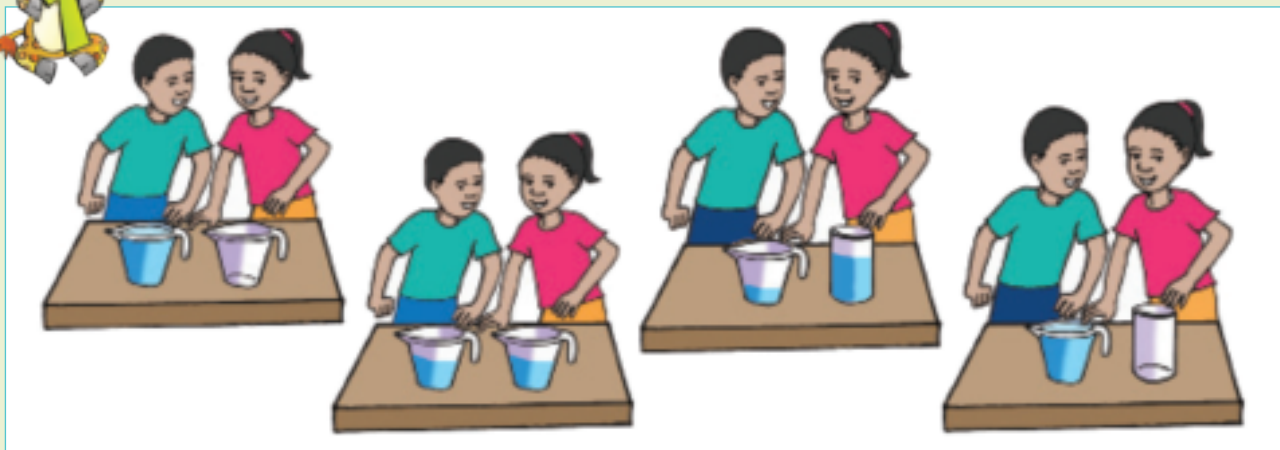
Teacher:

Sign:

Date:

Iimathathi kanye nomthamo

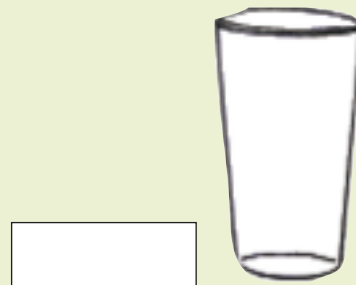
Khulumani ngeemumathi ezikelinye nelinye ideske.



Yitjho nangabe isimumathi sizele nanyana asinalitho.

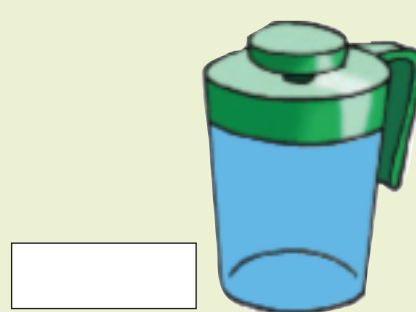












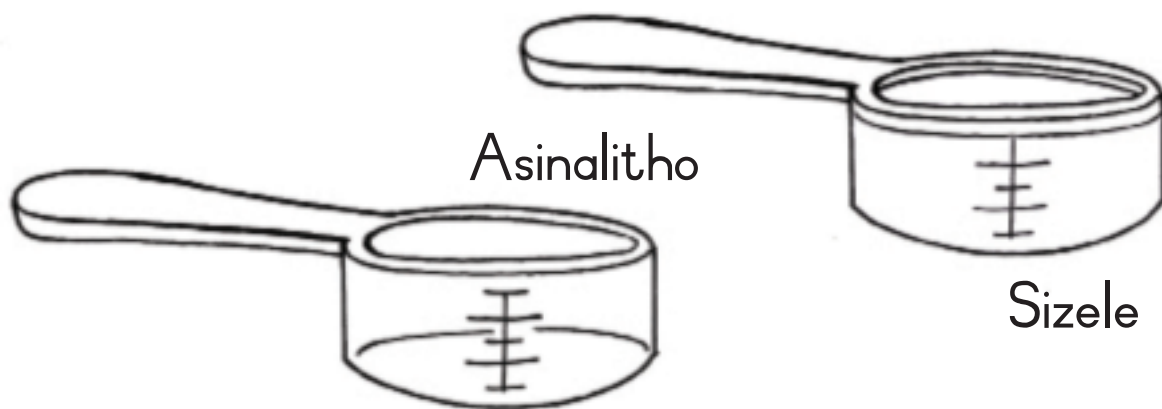








Khalara ukutjengisa kobana iimumathi ezilandelako _____.



Gwala zakho iimumathi bese ukhalare okungaphakathi utjengise:

Asinalitho	Sizele
Asinalitho	Sizele



Teacher:
Sign:
Date:

Ukubuyabuyelela: $\times 3$

Mangaki amaswidi asetheyibuleni ngayinye?



Qedelela okulandelako.

iinqhema ezi-2
zangaku-3

$$3 + 3 =$$

$$2 \times 3 =$$

iinqhema ezi-5
zangaku-3

$$3 + 3 + 3 + 3 + 3 =$$

$$5 \times 3 =$$

iinqhema ezi-4
zangaku-3

$$3 + 3 + 3 + 3 =$$

$$4 \times 3 =$$

iinqhema ezi-6
zangaku-3

$$3 + 3 + 3 + 3 + 3 + 3 =$$

$$6 \times 3 =$$

iinqhema ezi-7
zangaku-3

$$3 + 3 + 3 + 3 + 3 + 3 + 3 =$$

$$7 \times 3 =$$



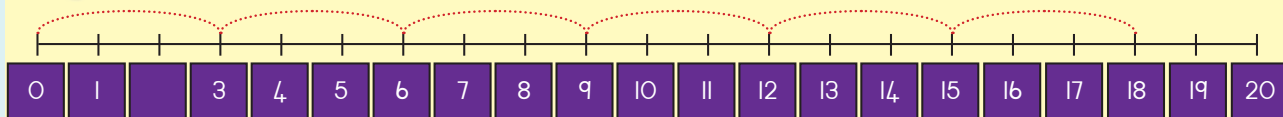
iinqhema ezi-3 zangaku-3

iinqhema ezi-4 zangaku-3

iinqhema ezi-5 zangaku-3



Gwala umgwalo wokulandelako.



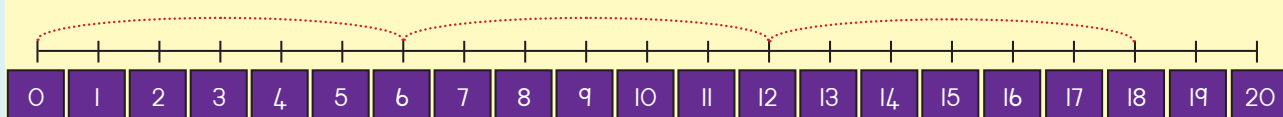
3, 6, 9, 12, __, __

$$3 + 3 + 3 + 3 + 3 + 3 = \boxed{}$$

$$\text{iinqhema ezi-6 zangaku-3} = \boxed{}$$

$$6 \times 3 = \boxed{}$$

Umgwalo



6, __, __

$$6 + \boxed{} + \boxed{} = \boxed{}$$

$$\text{iinqhema ezi-3 zangaku-} \boxed{} = \boxed{}$$

$$3 \times \boxed{} = \boxed{}$$

Umgwalo



Ipoto yokupheka inemilenze emithathu.
Iimpoto ezili-7 zokupheka zinemilenze emingaki?



3 6 9 12 15 18
21 24 27 30 33



Teacher:

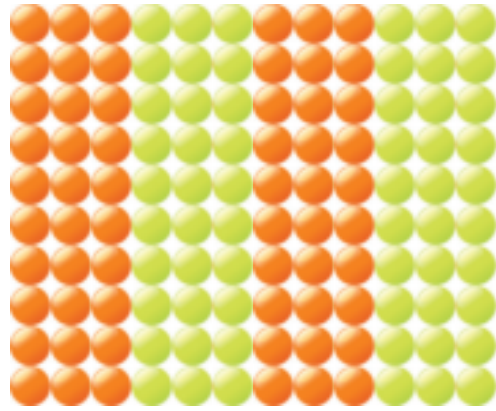
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

Amaphetheni weenomboro: Ngakuthathu

Asibaleni ngakubili.

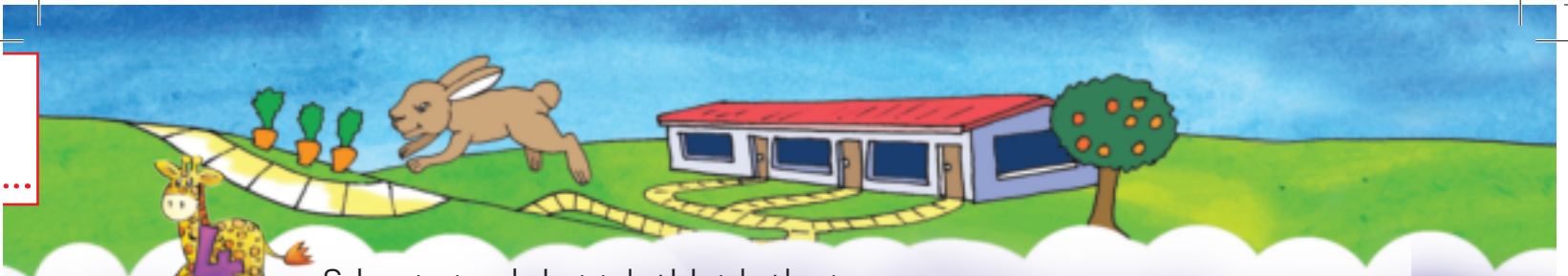


Gwala namkha namathisela iinthombe zezinto ezikhamba ngambili.

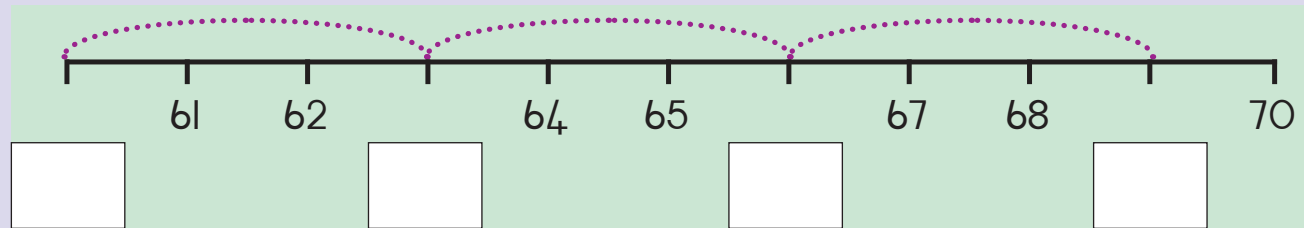
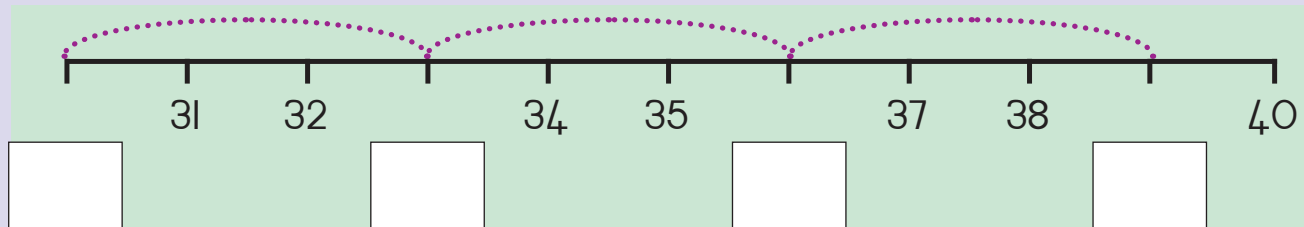
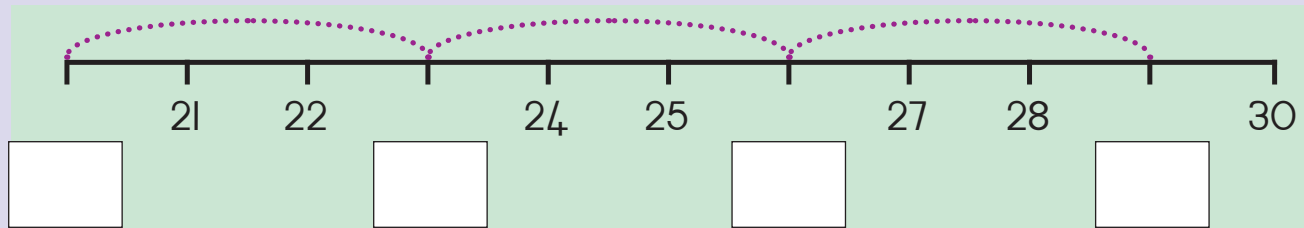
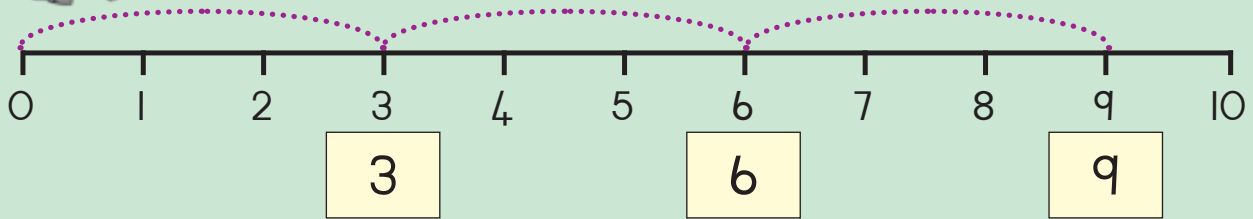


Sithome iphetheni. Wena - ke iqedelele.

I	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 inambalayini ukutlola iphetheni.



Qedelela okulandelako.

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, __, __, __



Kunamatrhayisekeli ali-10 esikolweni sabancani. Mangaki amavilo weembhayisigili sele awoke?



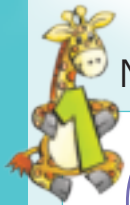
Teacher:

Sign:

Date:

Ukubuyabuyelela: $\times 4$

Mangaki amaswidi asetafuleni ngayinye?



Qedelela okulandelako.

iinqhema ezi-3
zangaku-4

$$4 + 4 + 4 =$$

$$3 \times 4 =$$

iinqhema ezi-2
zangaku-4

$$4 + 4 =$$

$$2 \times 4 =$$

iinqhema ezi-4
zangaku-4

$$4 + 4 + 4 + 4 =$$

$$4 \times 4 =$$

iinqhema ezi-6
zangaku-4

$$4 + 4 + 4 + 4 + 4 + 4 =$$

$$6 \times 4 =$$

iinqhema ezi-7
zangaku-4

$$4 + 4 + 4 + 4 + 4 + 4 + 4 =$$

$$7 \times 4 =$$



Gwala umgwalo wokulandelako.

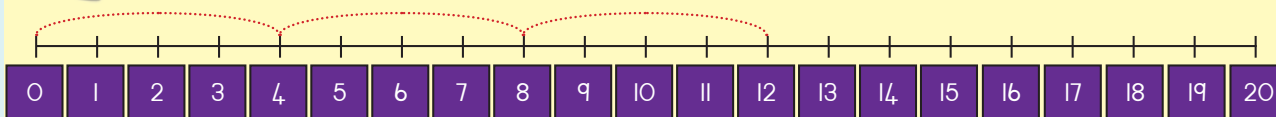
iinqhema ezi-3 zangaku-4

iinqhema ezi-4 zangaku-4

iinqhema ezi-5 zangaku-4



Gwala umgwalo wokulandelako.



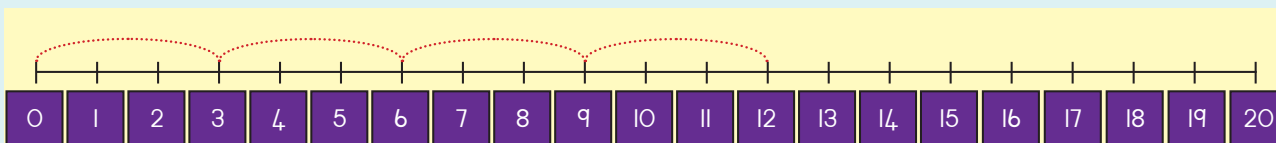
4, 8, ____

$$4 + 4 + 4 = \boxed{}$$

$$\text{iinqhema ezi-3 zangaba-4} = \boxed{}$$

$$3 \times 4 = \boxed{}$$

Umgwalo



3, 6, 9, ____

$$3 + 3 + 3 + 3 = \boxed{}$$

$$\text{iinqhema ezi-4 zangaba} \boxed{} = \boxed{}$$

$$4 \times \boxed{} = \boxed{}$$

Umgwalo



Ipera inemilenze emi-4. Iimpera ezintathu zinemilenze emingaki?



4 8 12 16 20 24
28 32 36 40



Teacher:

Sign:

Date:

53

Ithemu 2

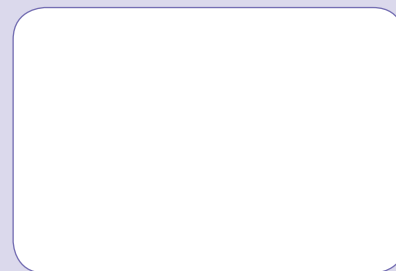
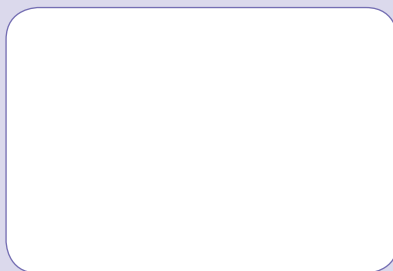
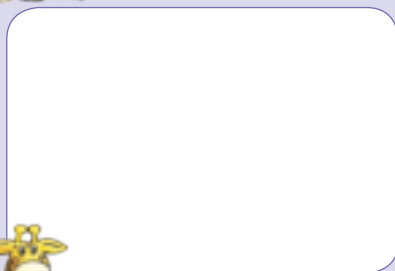


Amaphetheni weenomboro: Ngakune

Asibaleni ngakune.



Gwala namkha namathisela izinto ezikhamba ngazine.



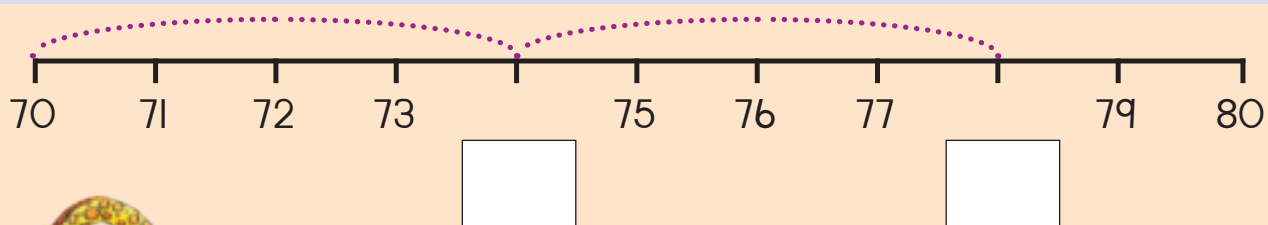
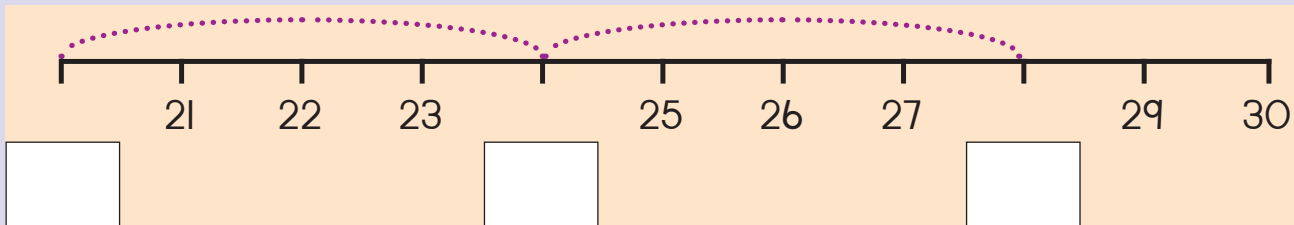
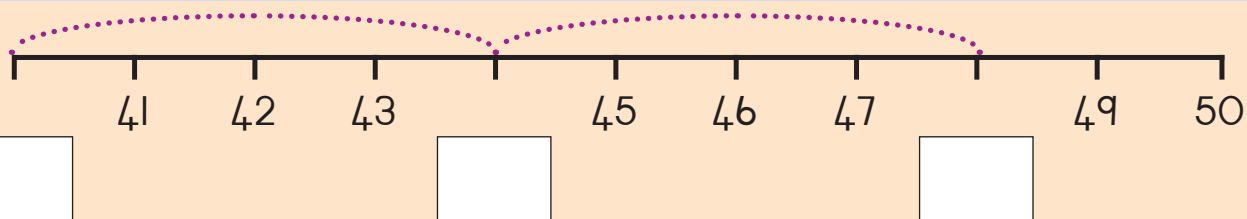
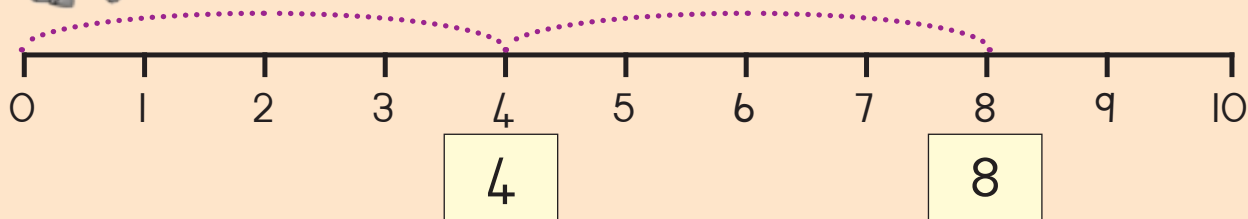
Sithome iphetheni. Wena iqedelele.

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

Ilanga:



Sebenzisa inambalayini ukutlola iphethehi.



Qedelela okulandelako.

4, 8, 12, __, __, __

28, 32, 36, __, __, __

12, 16, 20, __, __, __

1, 5, 9, __, __, __

42, 46, 50, __, __, __

20, 16, 12, __, __, __

48, 44, 40, __, __, __

60, 56, 52, __, __, __

70, 66, 62, __, __, __



Kunamabhiskiti amane ngephaketheni. Ngithengise amaphakethe wamabhiskiti ali-9. Ngithengise amabhiskiti amangaki?



Teacher:

Sign:

Date:

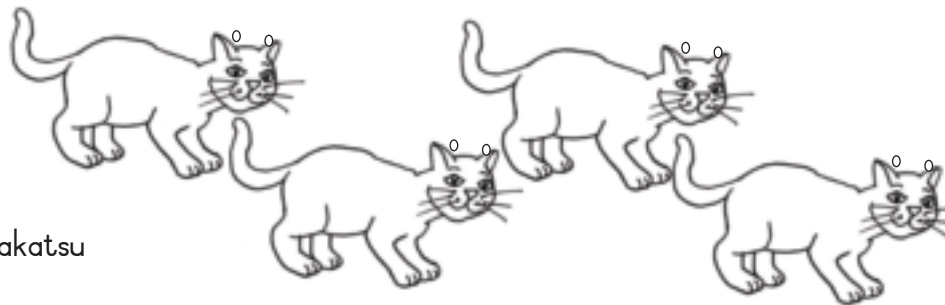
Ezinye iindatjana zokubuyabuyelela

Yenza yakho indatjana usebenzise amagama afana namehlo, imilenze, izandla, iinyawo, iinlwana, abantu. Ngezelela ngenomboro kokhunye nokhunye.



Ukatsu unamehlo ama-2. Abokatsu aba-4 banamehlo amangaki?

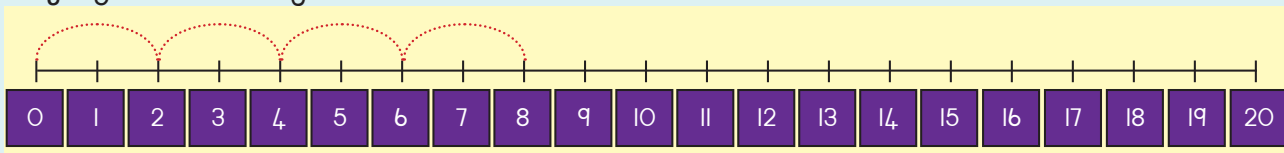
Faka amehlo kakatsu umbala.



Tjengisa lokho ngeembalisi.



Kutjengise kunambalayini.



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

$$\square \times \square = \square$$



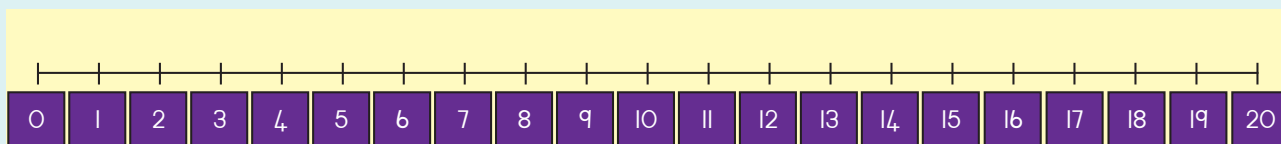
Ibhayisigili emavili-ntathu inamavili ama-3. Zinamavili amangaki iimbhayisigili ezihlanu ezimavili-ntathu?



Faka amavili webhayisigili emavili-ntathu umbala.

Tjengisa lokho ngeembalisi.

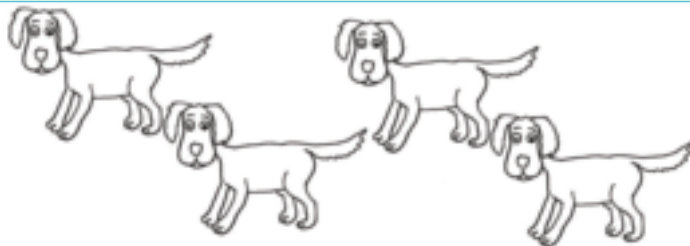
Kutjengise kunambalayini.



$$\boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} \times \boxed{} = \boxed{}$$

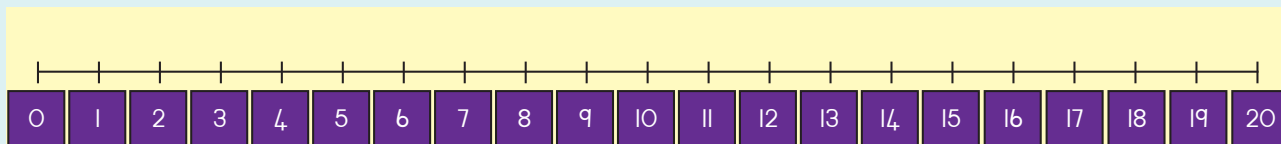

Inja inemilenze emi-4. Zinemilenze emingaki izinja ezi-4?



Faka imilenze yenja umbala.

Tjengisa lokho ngeembalisi.

Kutjengise kunambalayini.



$$\boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} \times \boxed{} = \boxed{}$$


Teacher:

Sign:

Date:



Khulumani namawatjhi.

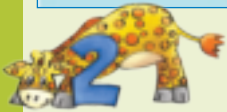
Ama-iri

Ilanga:



Umkhono **omfitjhani** usitjengisa ama-iri.
Lapha isitjengisa i-iri le-7.

Umkhono ukhamba uzombe iwatjhi, uzombe uzombe
bewuzombe. Umkhono wewatjhi ukhamba uzombe
bewuzombe, ukusitjela isikhathi.



Umkhono **omfitjhani** usitjengisa ini?



i-iri



ama-iri



ama-iri



ama-iri



ama-iri



ama-iri



ama-iri



ama-iri



ama-iri



ama-iri



ama-iri



ama-iri



Gwala umkhono omfitjhani.

ama-iri ama 4



i-iri eli-1



ama-iri ama 11



ama-iri ama 7



ama-iri abu 9



ama-iri ali 10



ama-iri ama 2



ama-iri ama 5



ama-iri ama 3



ama-iri asi 6



ama-iri abu 8



ama-iri ali 12



Ngikuphi okungathatha i-iri ukukwenza? Khalara ipendulo enembako.



Ukwenza umsebenzi wesikolo



Ukulala



Ukuhlamba amazinyo



Teacher:

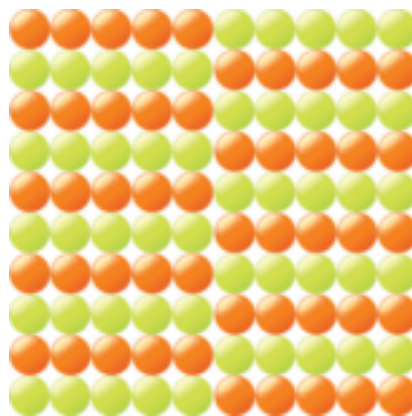
Sign:

Date:

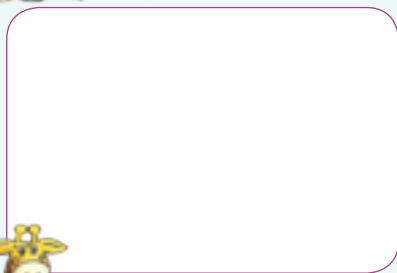


Amaphetheni weenomboro: Ngakuhlanu

Asibaleni ngakuhlanu.



Gwala namkha namathisela iinthombe ezikhamba ngazihlanu.



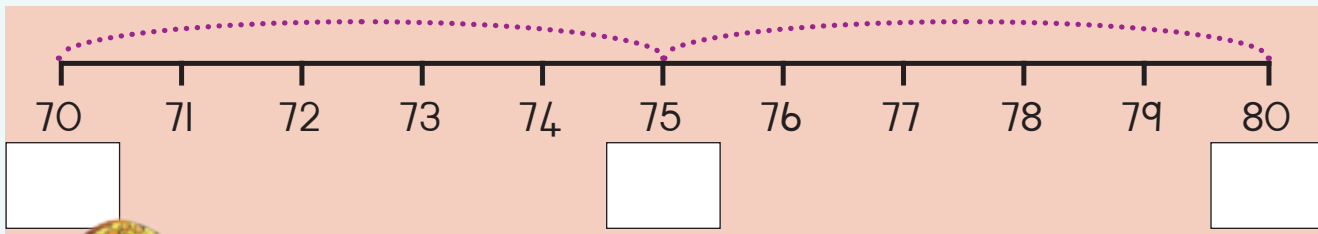
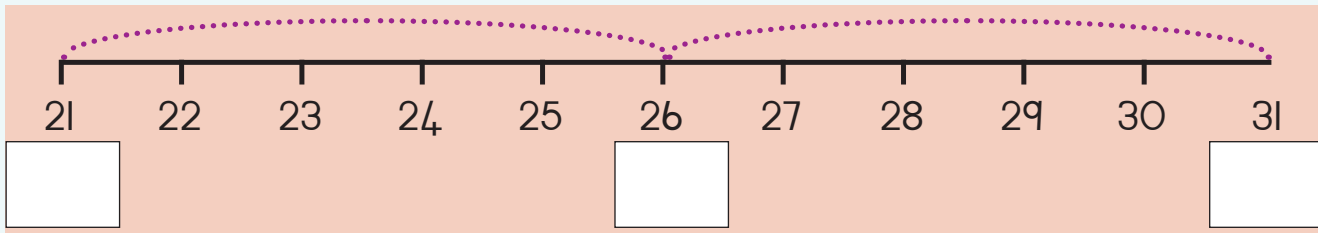
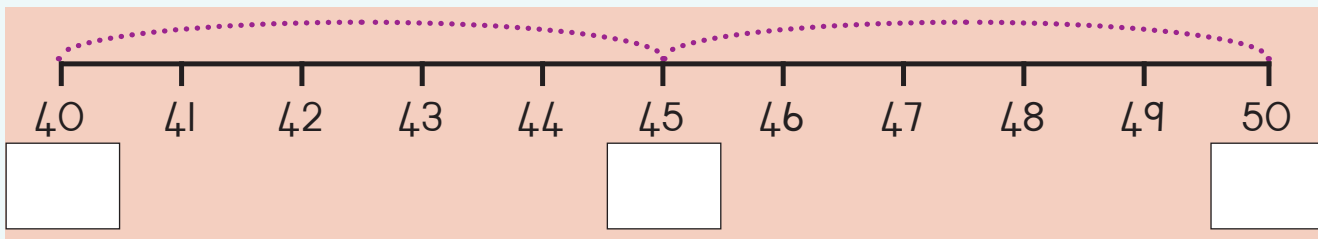
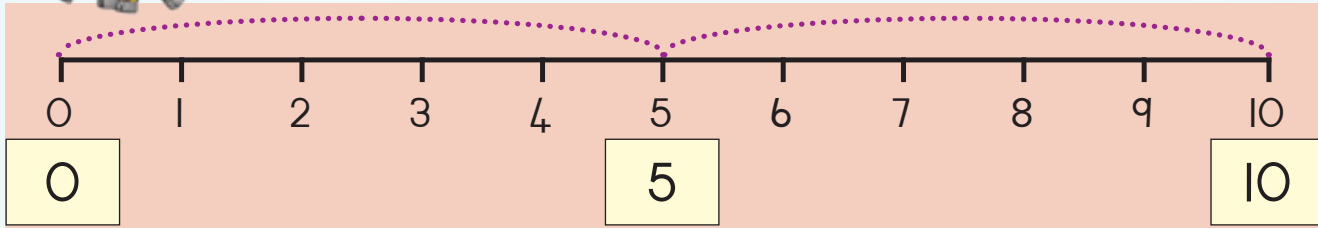
Sithome iphetheni. Wena - ke iqedelele.

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

Ilanga:



Sebenzisa inambalayini ukutlola iphethehi.



Qedelela okulandelako.

5, 10, 15, __, __, __

20, 25, 30, __, __, __

30, 35, 40, __, __, __

1, 6, 11, __, __, __

23, 28, 33, __, __, __

25, 20, 15, __, __, __

50, 45, 40, __, __, __

60, 55, 50, __, __, __

54, 49, 44, __, __, __



5 10 15 20 25 30 35 40 45 50



Teacher:

Sign:

Date:

57a

Ithemu 2



Imizuzu/amaminidi
Siwusebenzisa bunjani umuda onzima omfitjhani ewatjhini?



Cabanga
ngazozoke izinto
ongazenza
ngomzuzu owodwa.



Zalisa ngemizuzu.



Tlola iinomboro lapha ngenzasi ngaphakathi kweenkwere ezibovu.

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

Ilanga:



Ungatlhoga ukusizwa
mumuntu omdala.

Gwala izinto ongazenza ngemizuzu elandelako:

Ngemizuzu owodwa - 1	Ngemizuzu emi - 5
Ngemizuzu ema - 30	Ngemizuzu ema - 60



Teacher:
Sign:
Date:

57b

Ithemu 2



Okhunye ngemizuzu/ngamaminidi

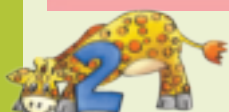
Khulumani ngewatjhi.



Umkhono **omude** usitjengisa imizuzu.

Lapha itjengisa imizuzu ei -10.

Umkhono ukhamba uzombe iwatjhi, uzombe uzombe bewuzombe.
Umkhono wewatjhi ukhamba uzombe bewuzombe, ukusitjela isikhathi.



Umkhono **omude** usutjengisa ini?



imizuzu



imizuzu



imizuzu



imizuzu



imizuzu



imizuzu



Gwala umkhono **omude**.

imizuzu ema-55



imizuzu ema-35



imizuzu ema-60



imizuzu eli-10



imizuzu ema-45



imizuzu eli-12



Ngikuphi okungathatha umzuzu owodwa kobana ukwenze? Khalara ipendulo enembako.



Ukweqa



Ukudlala



Ukudla



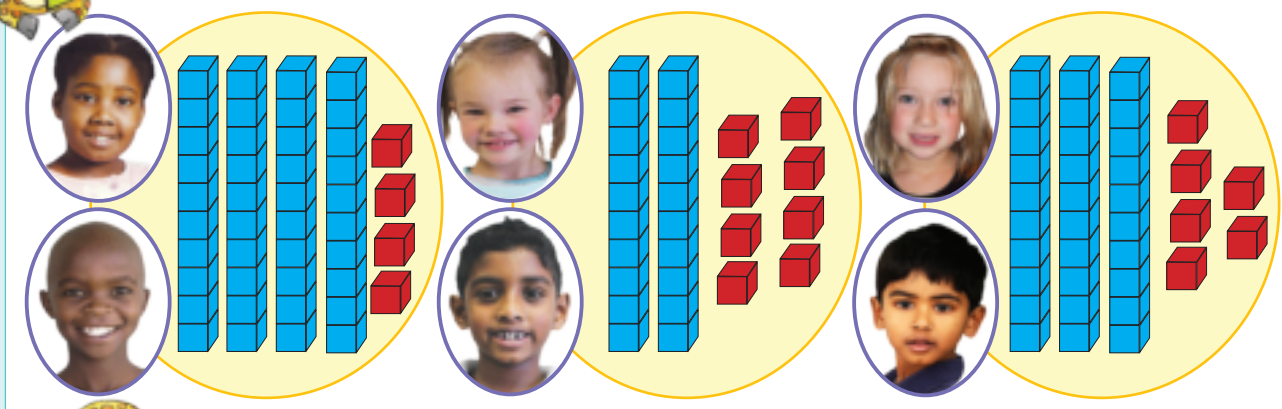
Teacher:

Sign:

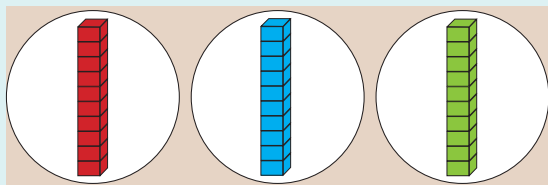
Date:

Ukubuthelela nokwaba

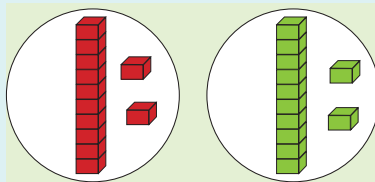
Mabhlogo amangaki endulungeni ngayinye hlangana nabentwana?



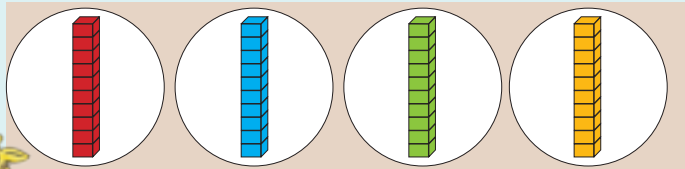
Mangaki amabhlogo asendulungeni ngayinye? Tlola inani elihlangeneko, inani ngendulungeni ehlaza kwesibhakabhaka.



$$\bigcirc \square \times \square = \square$$



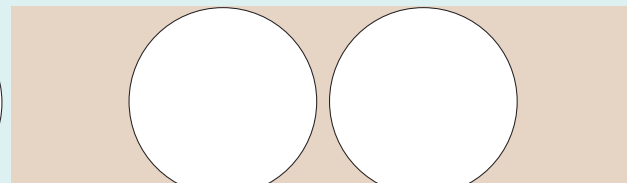
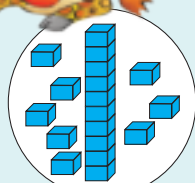
$$\bigcirc \square \times \square = \square$$



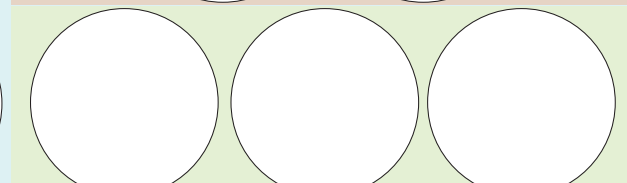
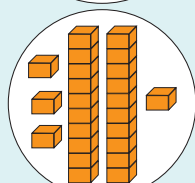
$$\bigcirc \square \times \square = \square$$



Yabela iiyingi ngokulinganako amabhlogo.



$$\square \text{ ukwabiwa } \square \text{ hlangana } = \square$$



$$\square \text{ ukwabiwa } \square \text{ hlangana } = \square$$



Gwala okulandelako. Tlola ithothali yakho ngakunye.

iinqhema ezi-3 zangaku-2



Hlanganisa inani loke:



Buyabuyelela inani loke:

iinqhema ezi-2 zangama-14



Hlanganisa inani loke:



Buyabuyelela inani loke:

Yaba iimbalisi ezili-12 hlangana naku-4.



Khupha inani loke:



Isibalo sokwabiwa hlangana
(ukwabelana):

Yaba iimbalisi ezima-36 hlangana naku-3.



Khupha inani loke:



Isibalo sokwabiwa hlangana
(ukwabelana):



Bala.

iinqhema ezi-2 zangali-7 _____ iinqhema ezi-3 zangabu-8 _____

iinqhema ezi-4 zangaku-5 _____ iinqhema ezi-2 zangali-15 _____

yaba i-18 ngaku-2 _____ yaba ama-24 ngaku-3 _____

yaba ama-35 ngaku-5 _____ yaba ama-50 nge-10 _____



Bekuneenqhema ezisi-6 zabo-5 ephathini yami.
Bentwana abangaki ebebasephathini yami?



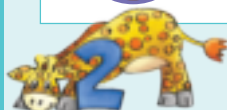
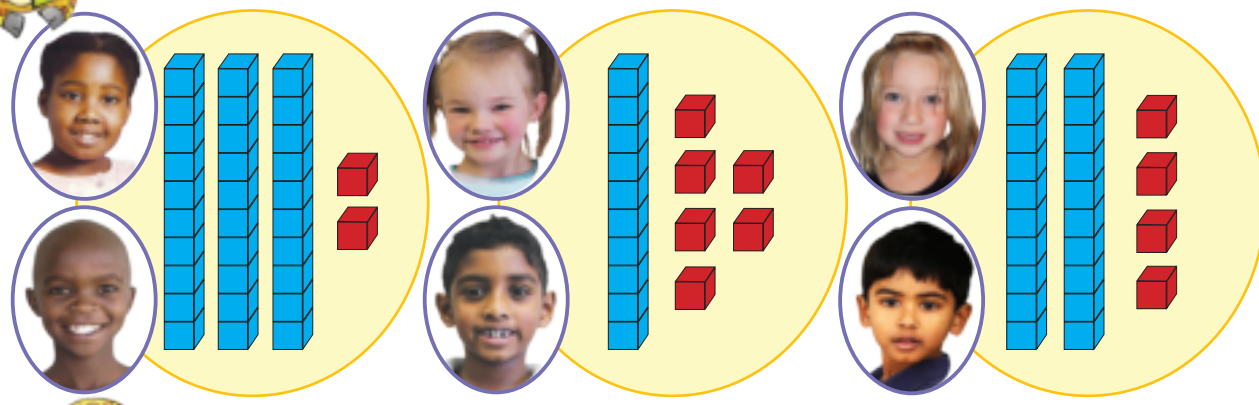
Teacher:

Sign:

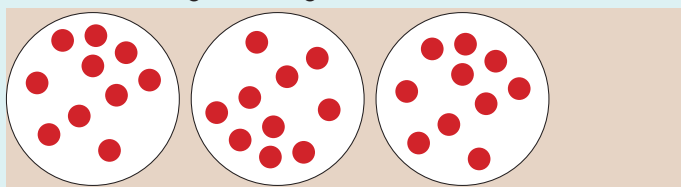
Date:

Okhunye ukubuthelela nokwaba

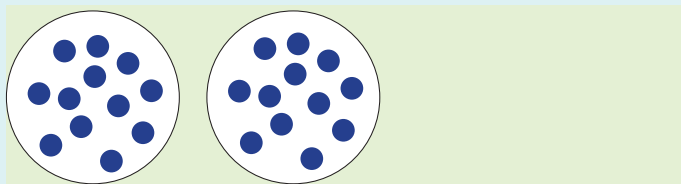
Kunamabhlogo amangaki ngaphakathi kwesiyingi ngasinye? Yabela abentwana ngokulinganako.



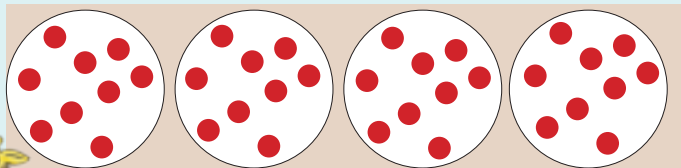
Mangaki amabhlogo asendulungeni ngayinye? Tlola inani elihlangeneko, inani ngendulungeni ehlaza kwesibhakabhaka.



$$\bigcirc \square \times \square = \square$$



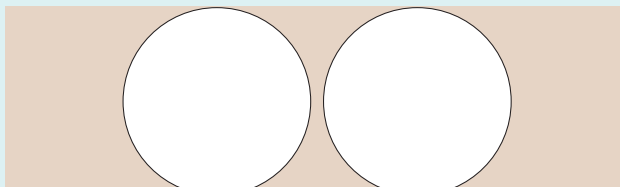
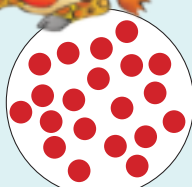
$$\bigcirc \square \times \square = \square$$



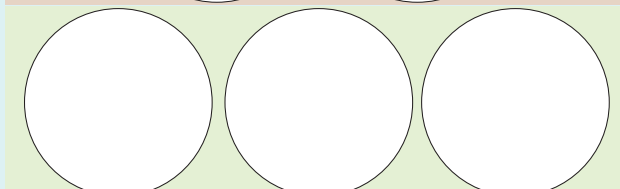
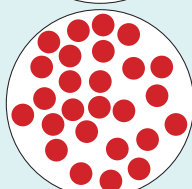
$$\bigcirc \square \times \square = \square$$



Yaba amabhlogo hlangana neendulungu.



$$\square \text{ ukwabiwa } \square \text{ hlangana} = \square$$



$$\square \text{ ukwabiwa } \square \text{ hlangana} = \square$$



Gwala okulandelako. Tlola ithothali yakho ngakunye.

iinqhema ezi-3 zangaku-12



Hlanganisa inani loke:



Buyabuyelela inani loke:

iinqhema ezi-5 zangama-10



Hlanganisa inani loke:



Buyabuyelela inani loke:

Yaba iimbalisi ezili-24 hlangana naku-4.



Khupha inani loke:



Isibalo sokwabiwa hlangana
(ukwabelana):

Yaba iimbalisi ezima-25 hlangana naku-5



Khupha inani loke:



Isibalo sokwabiwa hlangana
(ukwabelana):



Bala.

iinqhema ezi-2 zangali-11 _____ iinqhema ezi-3 zangali-10 _____

iinqhema ezi-4 zangaku-4 _____ iinqhema ezi-2 zangama-25 _____

yaba ama-20 ngaku-2 _____ yaba ama-27 ngaku-3 _____

yaba ama-50 ngaku-5 _____ yaba ama-28 nge-2 _____



buyelela kabili



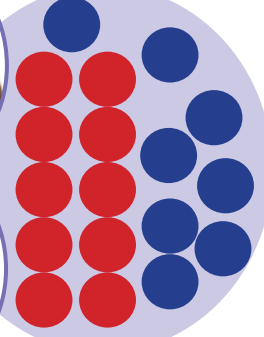
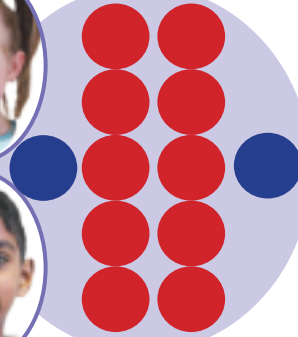
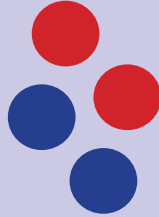
Teacher:

Sign:

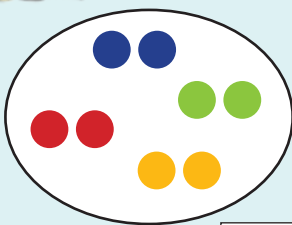
Date:

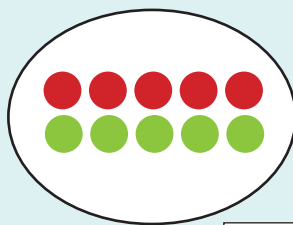
Okhunye godu ukubuthelela nokwaba

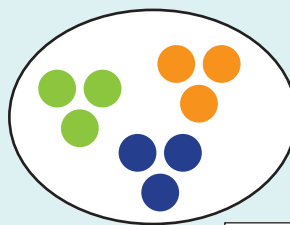
Kuneembali ezingaki ngaphakathi kwesiyingi ngasinye? Yabela abentwana ababili ngokulinganako.

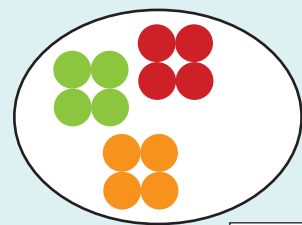


Zingaki iimbalisi ngendulungeni ngayinye?











Sika amabumbeko kusika-4 bese uwanamathisele ebhlogweni elifaneleko. Bala amabumbeko.











Yabelana ngamabumbeko hlangana nabentwana. Sebenzisa amabumbeko weSika 4.
(Iphepha lokusebenzela 60)

aboncantathu



iinkwere













Yaba iinthelo hlangana kwabentwana. Gwala aboncantathu.



onama-orontji



onamahabhula













UJohn noBhelinda babelana amaswidi ali-12 ngokulingana. Umntwana ngamunye ufunyana amaswidi amangaki?



Teacher:

Sign:

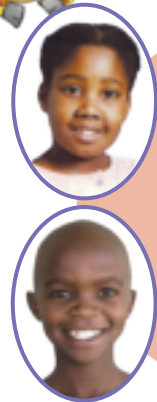
Date:

61

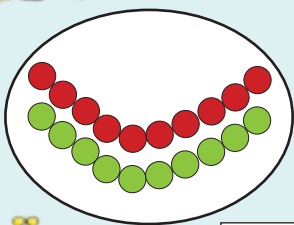
Ithemu 2

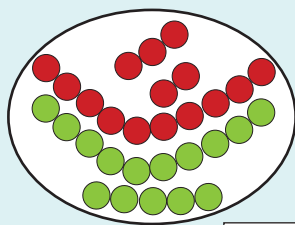
Okhunye godu ukubuthelela nokwaba

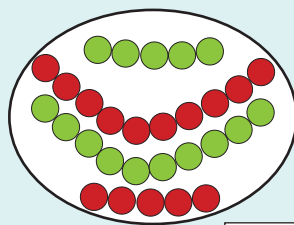
Mngaki umncamo owubala ngeentthoro endulungeni ngayinye ehlangana nabentwana.

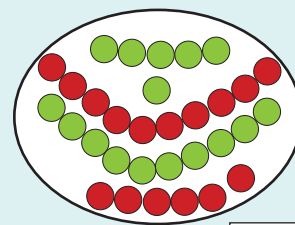


Mngaki umncamo osendulungeni ngayinye?











Sika umncamo kusika-4 (Iphepha lokusebenzela 61) bese uwunamathisela la. Bala umncamo.

Umncamo obomvu

Umncamo obomvu

Umncamo osarulani

Umncamo ohlaza satjani



Gwala isibalo esilinganako somncamo womntwana ngamunye.



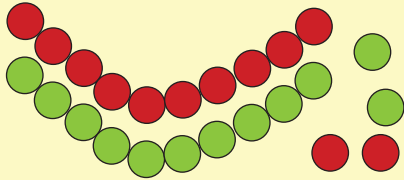








Yaba umncamo hlangana nabentwana. Gwala.















UBusi noZaheda babelana amakhrayoni ama-32 ngokulingana. Umntwana ngamunye ufunyene amakhrayoni amangaki?



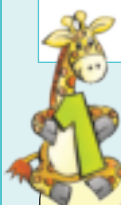
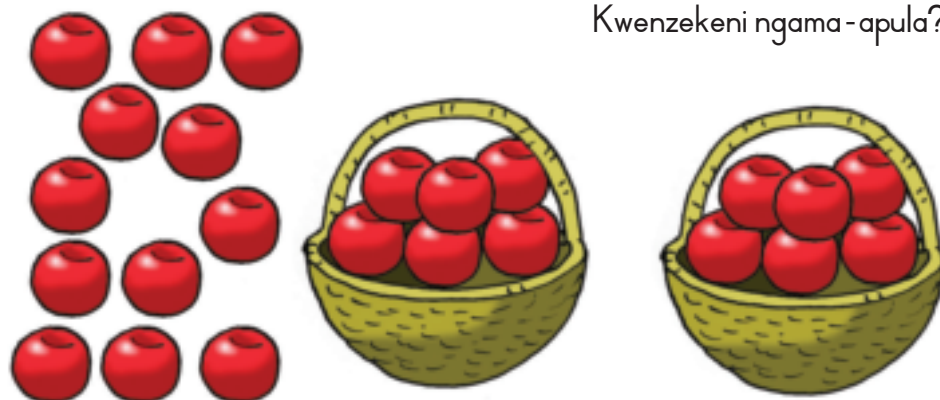
Teacher:

Sign:

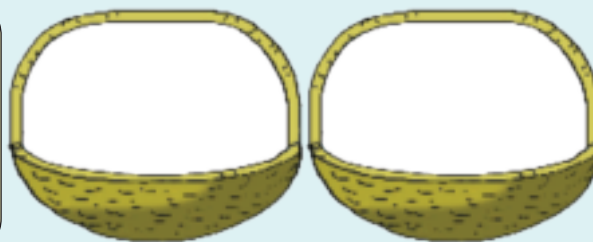
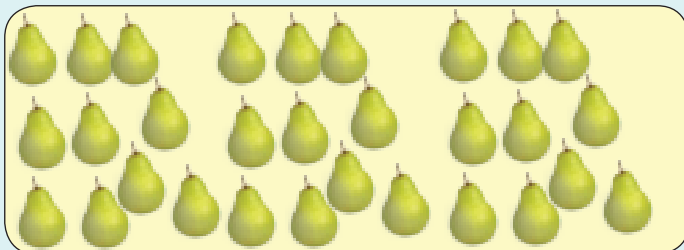
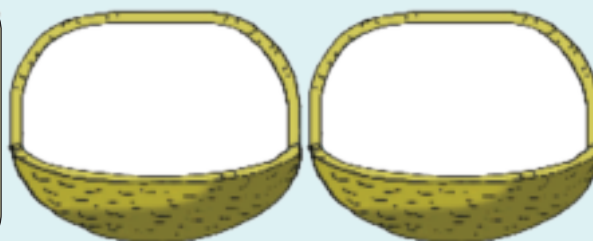
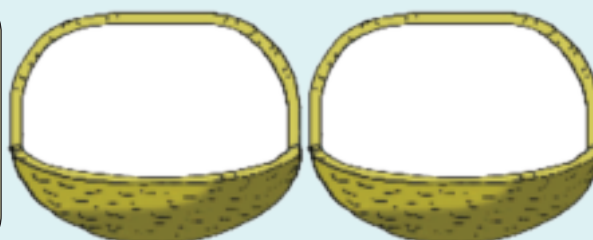
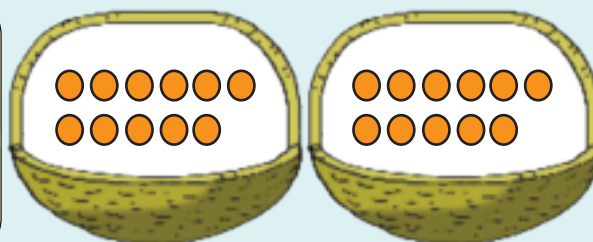
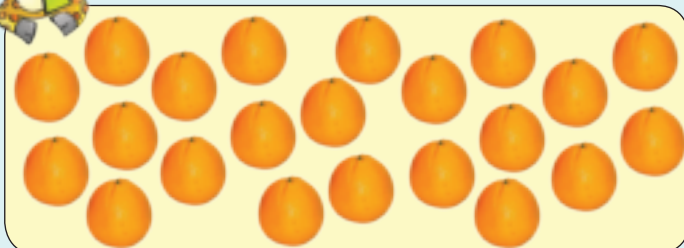
Date:

Amahafu: 1 – 20

Kwenzekeni ngama-apula?

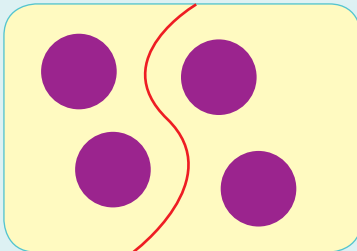


Yaba iinthelo ezingesinceleni uzabele ngemantjini engesidleni. Zigwale.

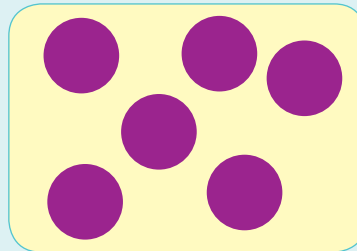




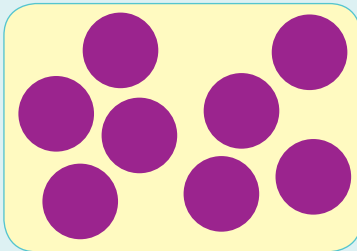
Thala umuda ukutjengisa ihafu.



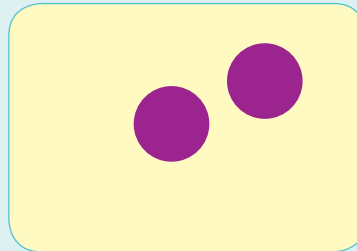
Ihafu yaku-4



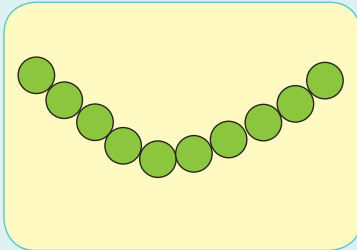
Ihafu yesi-6



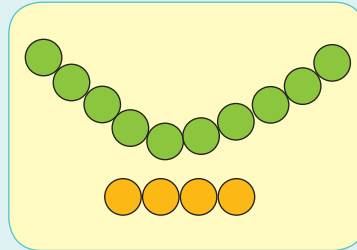
Ihafu yobu-8



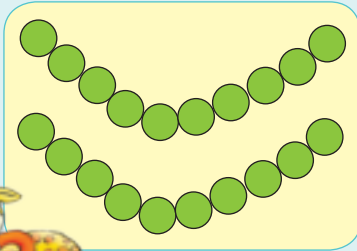
Ihafu yaku-2



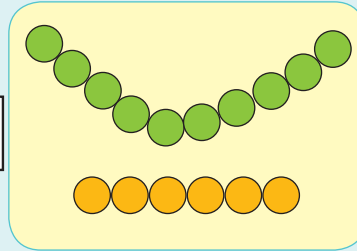
Ihafu ye-10



Ihafu ye-14



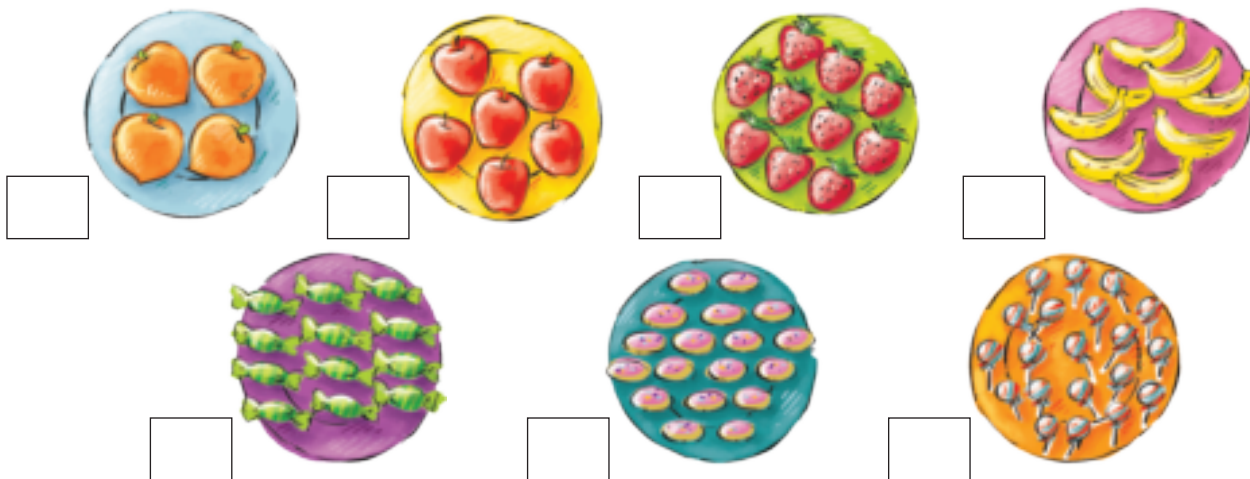
Ihafu yama-20



Ihafu ye-16



Iyini ihafu yepleyidi ngalinye lokudla?



Teacher:

Sign:

Date:

63

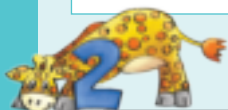
Ithemu 2



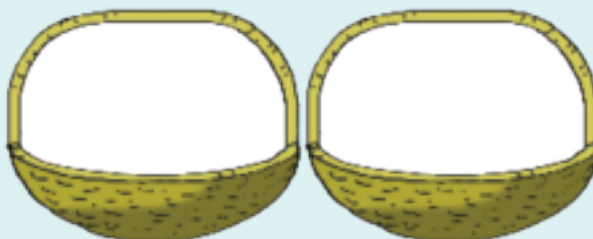
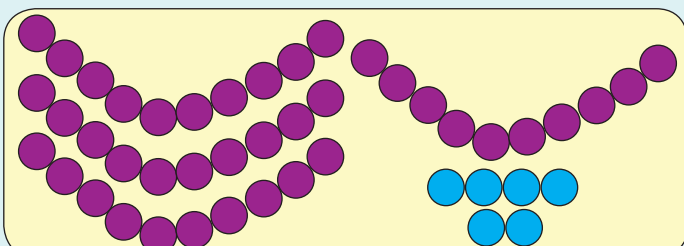
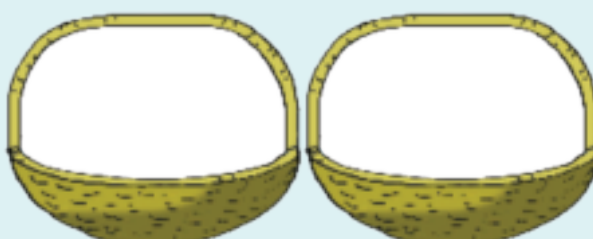
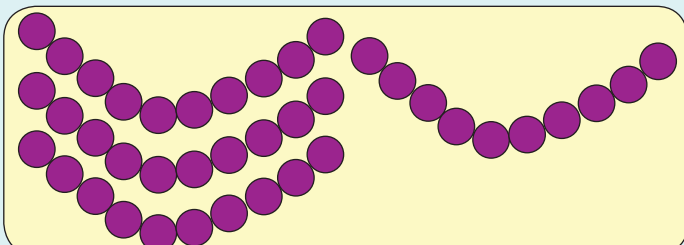
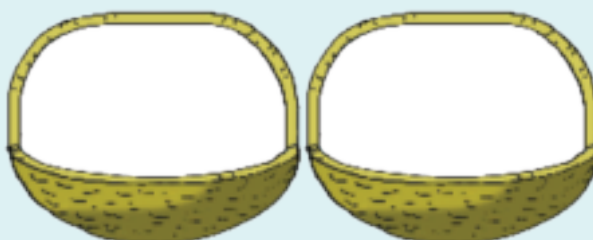
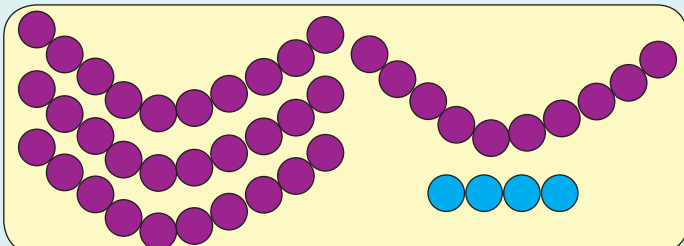
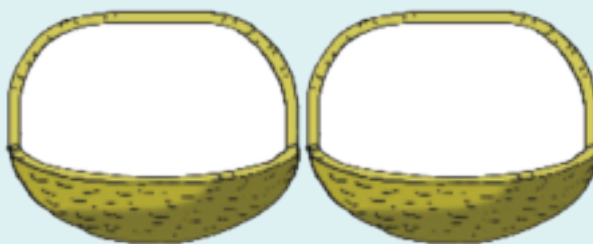
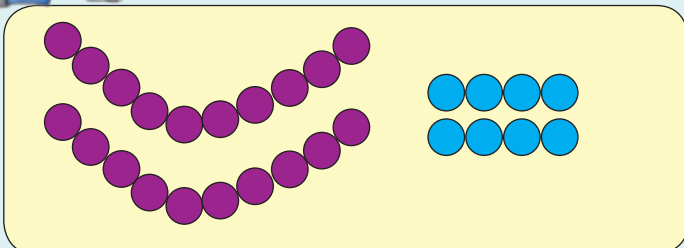
Ilanga:

Ukwabelana 20 – 50

Kwenzekeni ngomncamo?

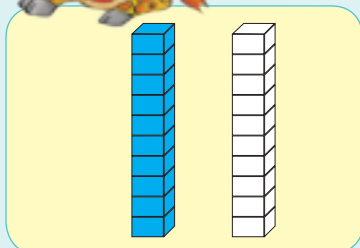


Yaba umncamo ongesinceleni uwabele ngemantjini engesidleni. Ugwale.

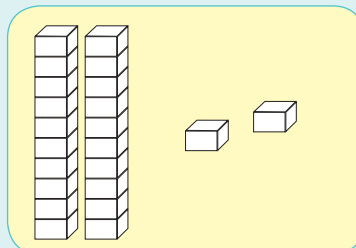




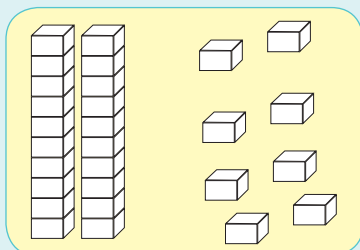
Yenza ihafu yinye yombala ohlukileko.



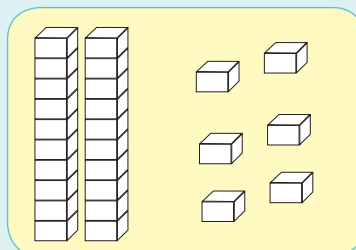
Ihafu yama-20



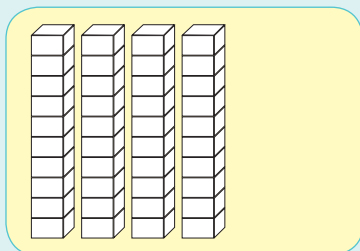
Ihafu yama-22



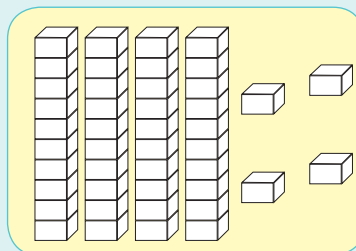
Ihafu yama-28



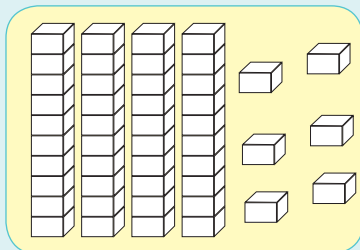
Ihafu yama-26



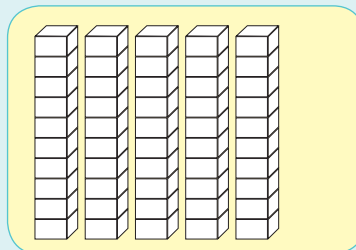
Ihafu yama-40



Ihafu yama-44



Ihafu yama-46



Ihafu yama-50



Faka ihafu yedayagramu ngayinye umbala.

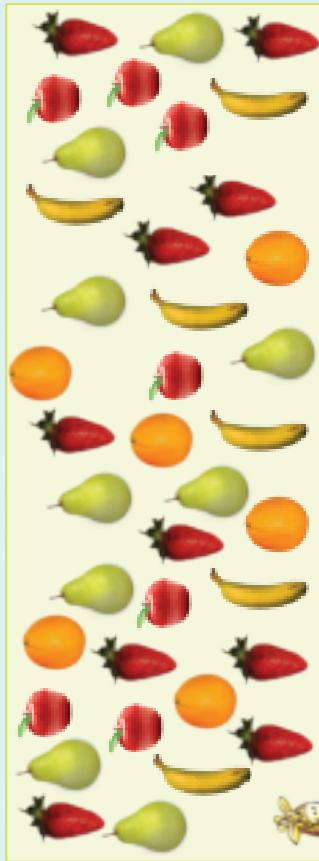
Teacher:

Sign:

Date:

Idatha

Ilanga:



Hlela iint'helo. Yenza umgwalo ongewakho ukutjengisa lokho. Tlola inani ngaphakathi kwebhoksi.

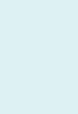
Ngokuhlela ngikwazile ukubeka iint'helo ezifanako ndawonye.



Gwala isithombe sakho sephikthografu esitjengisa iint'helo zakho ezihleliweko.

Qala isithelo ngasinye bese uphendula imibuzo.

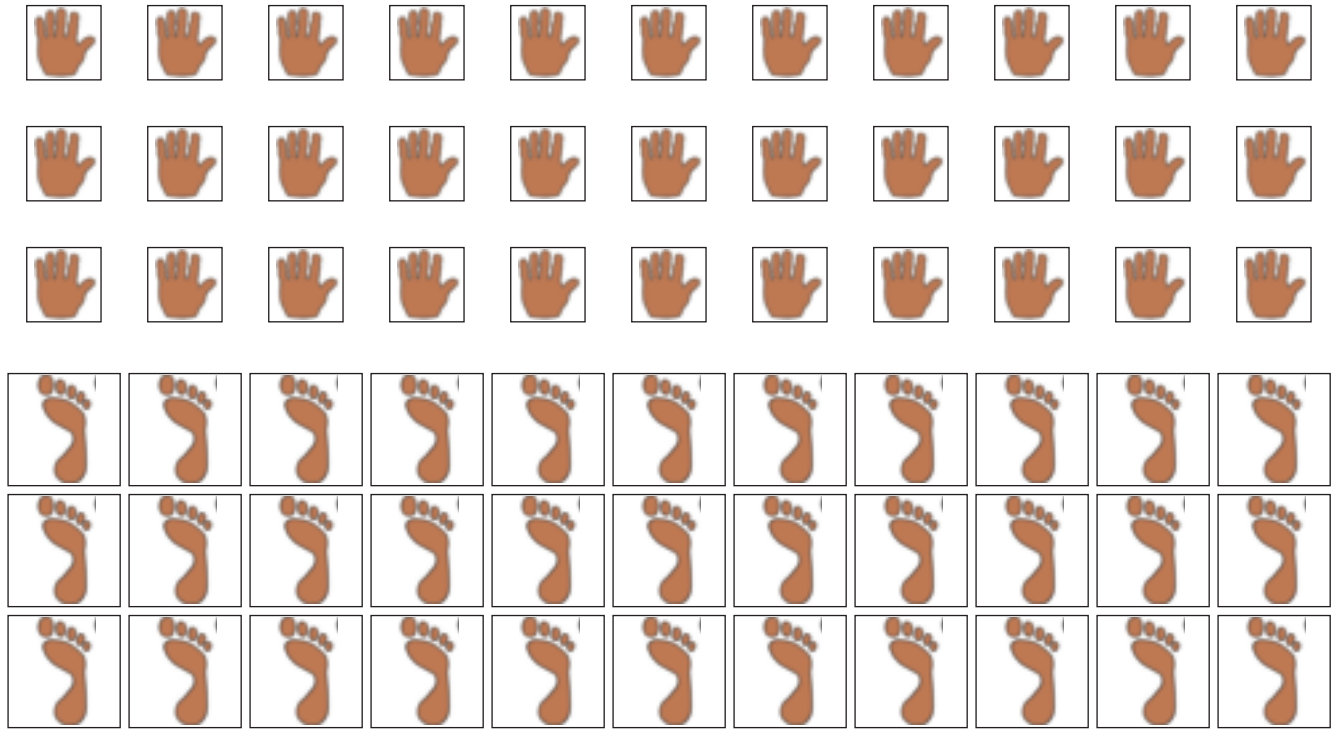
Ngisiphi isithelo esinaso ngobunengi?

Ngisiphi isithelo esinaso esingasisinengi?

Teacher:
Sign:
Date:

Usika-I

Iphepha lokusebenzela-10 nama-40



Iphepha lokusebenzela-13

ekuseni

entambama

ngemvakwamadina

ebusuku

phakathi
kobusuku

ekuseni
nangemva
kwa-modina

Usika-2

Iphepha lokusebenzela-22

Umlando nezehlakalo eziqakathekileko

Ilanga
lamalungelo

Ilanga
lokubuyisana

Ilanga
labasebenzi

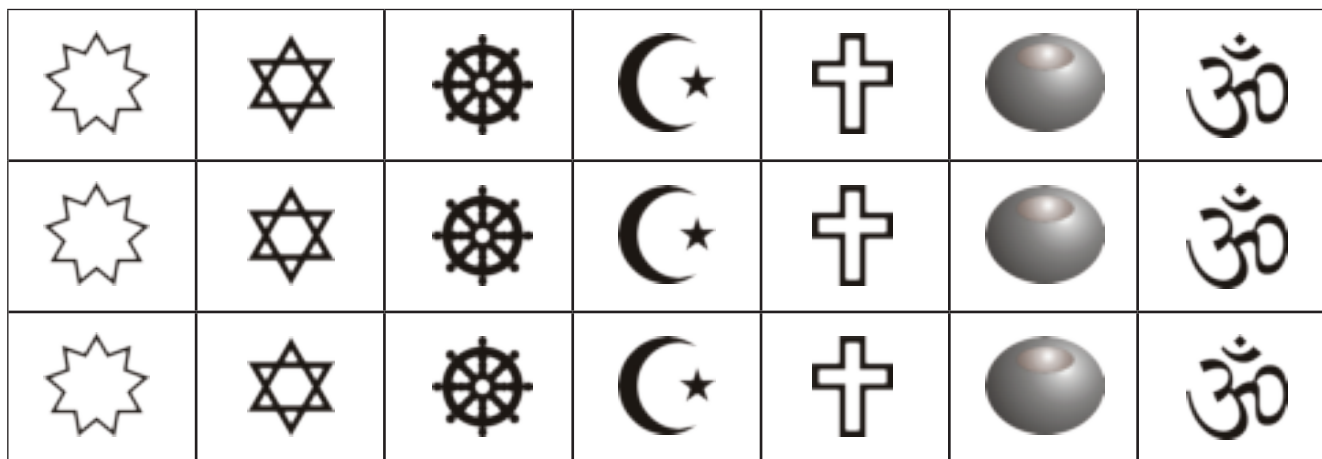
Ilanga
labatjha

Ilanga lamasiko

Ilanga
labantu bengubo

Ilanga
lekululeka

Amatshawayo wekolo



yamaBahayi

Ikolo yamaJuda

Ikolo yamaBuddhist

Ikolo yama-Islamu

Ikolo yamaKristu

Ikolo yeSintu

Ikolo yamaHindu

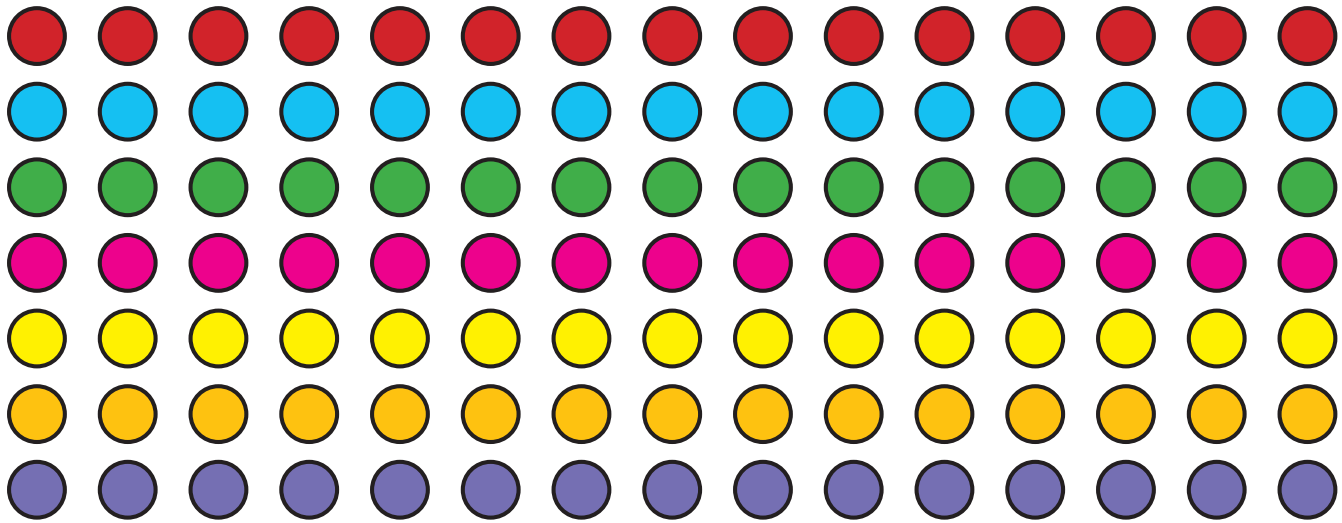
Cut-out 3

Worksheets 25 and 26

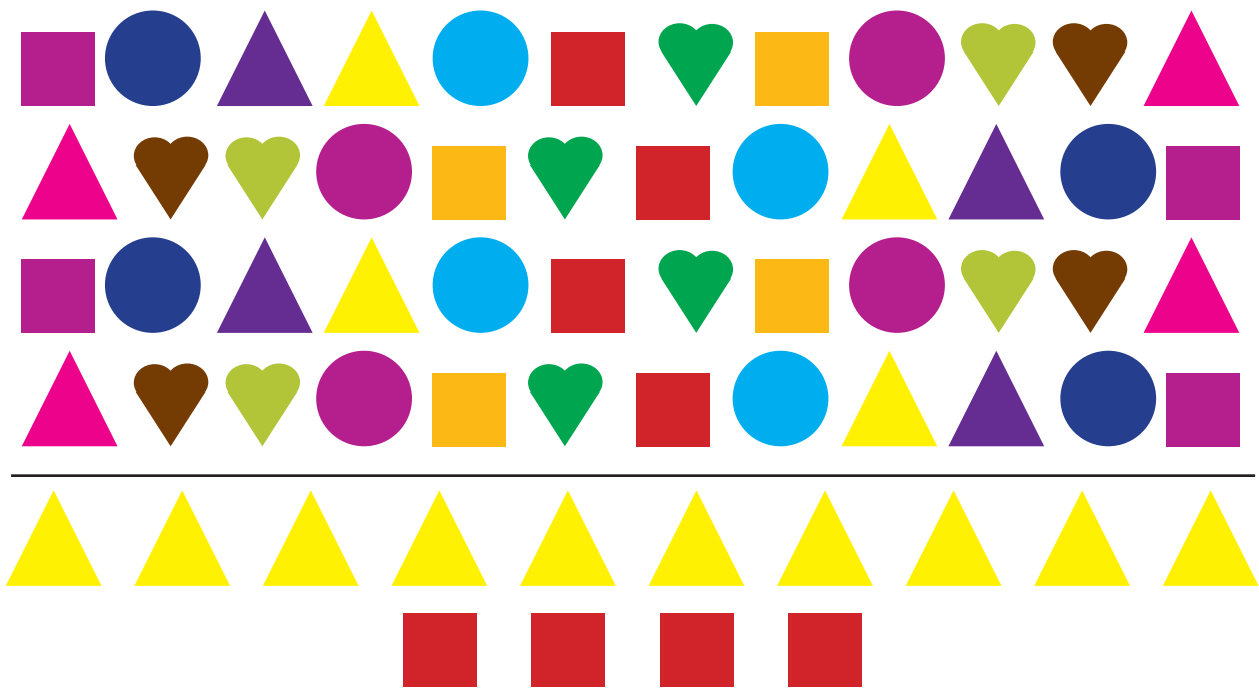


Cut-out 4

Worksheet 27



Worksheet 60



Worksheet 61

