

# IMBALO NGESINDEBELE

Incwadi 1  
Ithemu 1 & 2



## IMBALO NGESINDEBELE – iGreyidi 2 Incwadi 1

ISBN 978-1-920458-97-3



**basic education**  
Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA



### Ukufunda ngoMthethosisekelo weRiphablik yeSewula (1996)

UMthethosisekelo weSewula Afrika (1996) umumethe imithetho yenara 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.

Kuqakathikile ukwazi izehlakalo zesikhathini esidluliko.

Asingabu yelei iimphoso zangesikhathi esidlulile ko.

UMthethosisekelo usisiza ukucabanga nokwakha ilingomuso eling cono lethu so ke.

Thina, abantu beSewula Afrika;  
Siyakwazi ukungaphathei kwethu ngokomthetho esikhathini esadlulako;  
Siphathela phezulu abahlukunyeza ngebangla lokobana kubenokulunga begodu nekululeko enarheni yekhethu;  
Sihlonipha labo abasebenze ekwakheni begodu nekuthuthukiseni iphasi lekhethu; begodu

Bakholewa bonyana iSewula Afrika ngeyabo boke abahlala kiyo, sibambene ngokwahluhulkukana kwethu.

Ngakhalo-ke, ngabajameli bethu abakhethwe ngokukhululekileko; samukela uMthetho-sisekelo lo njengoMthetho wokuthoma weRiphablik oza—  
Kuqedu ukwahluhukana okwadlulako begodu sakhe umphakathi ozokudzimelela kuminqopho yentando yenengi ubulungiswa begodu namalungelo wangokomthetho wobuntu.

Ukubeka isisekelo sentando yenengi begodu nonphakathi onzinzieko 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;

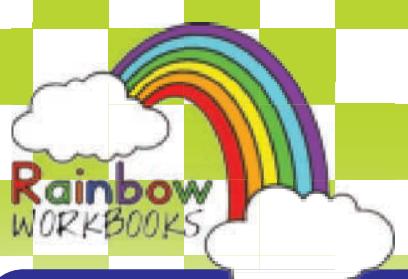
Ukwakha, iSewula Afrika ebumbeneko begodu nenentando yenengi ezokwazi ukuthatha indawo yayo njengenarha ezijamaleko emndenini weentjhabetjhaba.

Funa ngekani amalungelo wakho njengesa khamuzi seSewula Afrika bewube nesibopho so kuvikela amalungelo wabanye abantu.

Ukwazi umThethomling wa wamalungelo KanyenomThethomling wa weembopho.

UZimu akavikele abantu bekhethu.  
Nkosi Sikele! iAfrika. Morena boloka setjhaba sa heso.  
God seën Suid-Afrika. God bless South Africa.  
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

ISBN 978-1-920458-97-3



MATHEMATICS IN ISINDEBELE

GRADE 2 – BOOK 1

TERMS 1 & 2

ISBN 978-1-920458-97-3

THIS BOOK MAY NOT BE SOLD.

13th Edition

1 2 3 4

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UKkz. Angie Motshekga,  
nguNqgonqgotjhe  
weFundo-Sisekelo



Dorh. Reginah Mhaule  
nguSekela kaNqgonqgotjhe  
weFundo-Sisekelo

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

Iincwadi zokuSebenzela zakwaRainbow ziyingceny yeendalela ezinengi zomNyango wezeFundo-Sisekelo wokungelela 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.

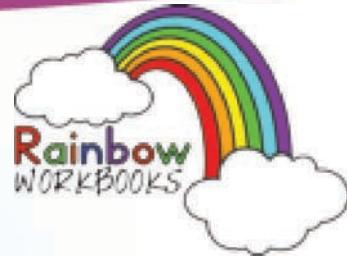
Siyathemba kobana nizokufunyana iincwadi zokusebenzela lezi zilisizo khulu ekufundiseni kwenu kwangamalanga kanye nokuinisekisa kobana abafundi benu bayayiqeda ikharikhylamu. Sitjheje khudlwana ukuhlahla abotitjhore komunye nomunye umsebenzi ngokusebenzisa iinthombe ezitjengisako bona ngikuphi umfundi amelete akwenze.

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

Sinifisela ipumelelo ekusebenziseni iincwadi lezi.

IGreyidi

2



Incwadi le ngeyaka:-



ISTINDEBELE

Incwadi  
I



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 nomndeni 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.



1 2 3 4 5 6 7 8 9



Teacher:

Sign:

Date:

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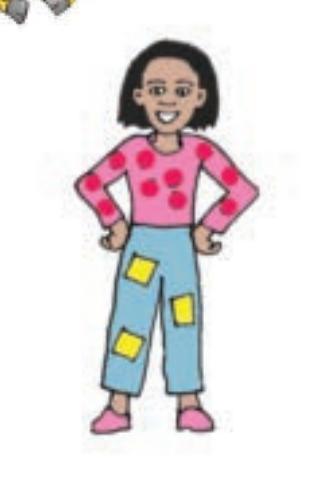
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Ilanga:

## Ukubala



Bala uzalise iinkhala ezinganalitho.



amehlo

amacaphazi

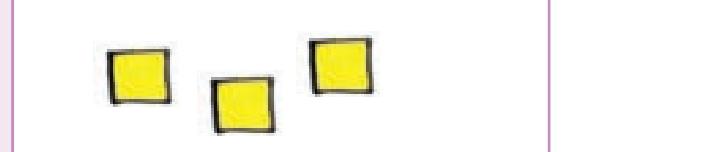
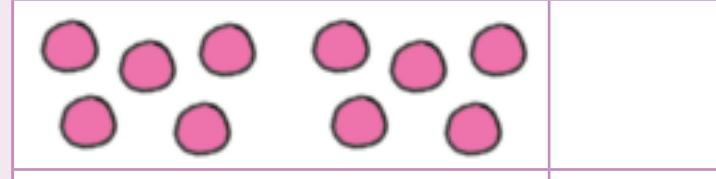
amapetjhi



amehlo

amacaphazi

amapetjhi





amehlo

amacaphazi

amapetjhi



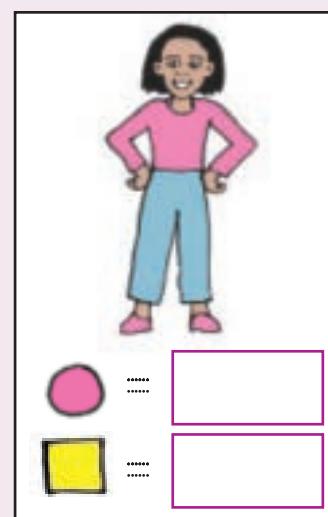
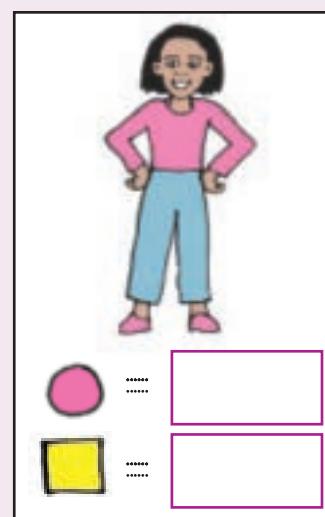
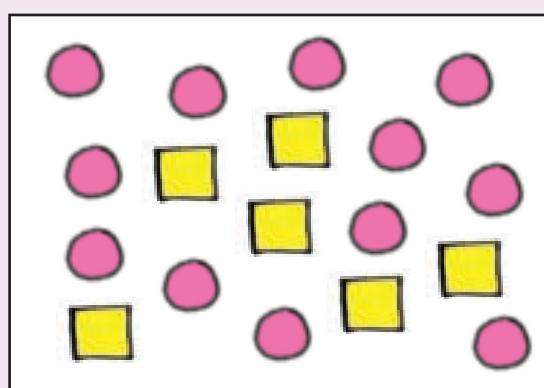
amehlo

amacaphazi

amapetjhi




Yaba amacaphazi  
namapetjhi  
ngokulingana.



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## Iinomboro

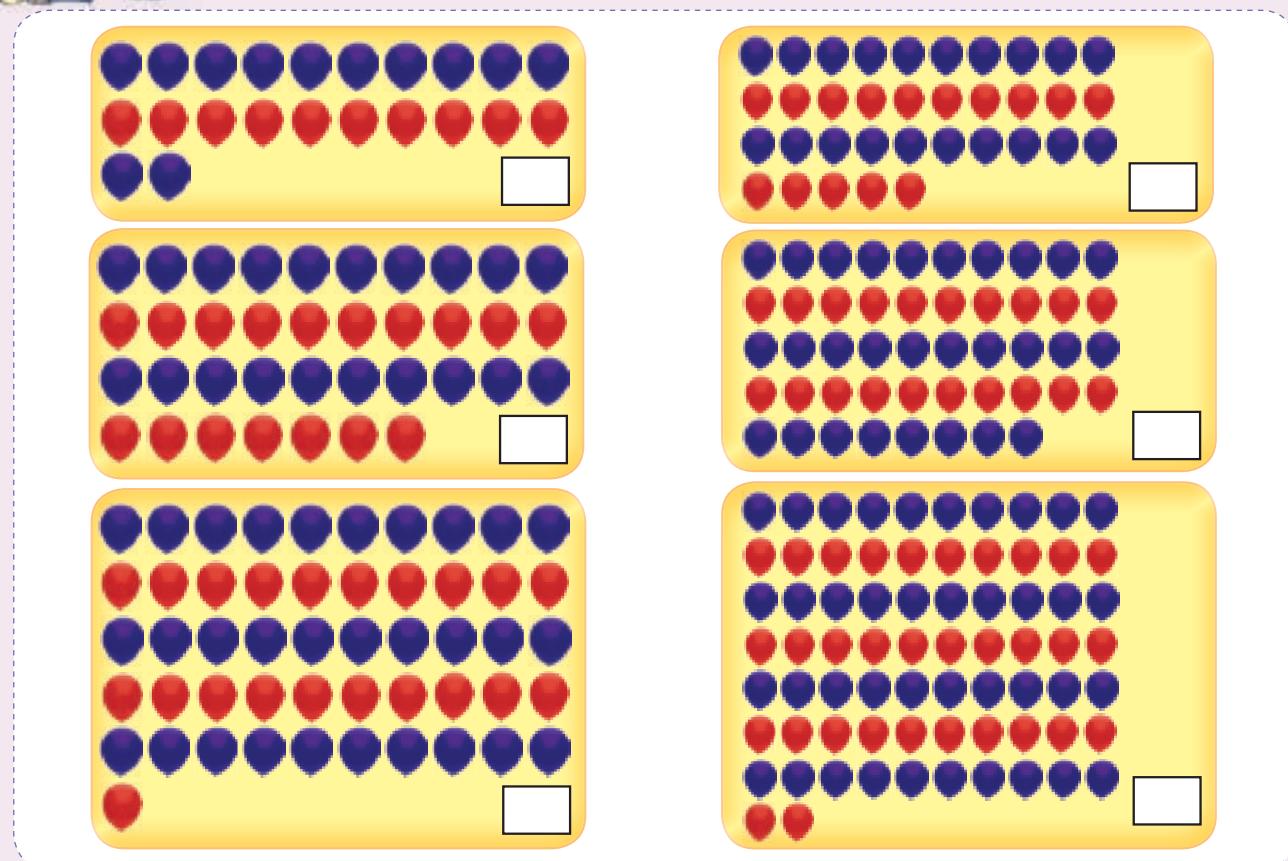
Funda amatshwayo weenomboro namagama ebhodini.

Ilanga:

I	73	5q	lithoba	litjhumi	nakunye
66	35		litjhumi	nakune	
42	97			litjhumi	nekhomba
24	32		kune		sithandathu
			litjhumi	nethoba	litjhumi



Tlola isibalo somncamo ngebhlogweni.





Tlola iinomboro ezilandelako ngamagama.

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



37 38 39 40 41 42 43 44  
89 90 91 92 93 94 95 96



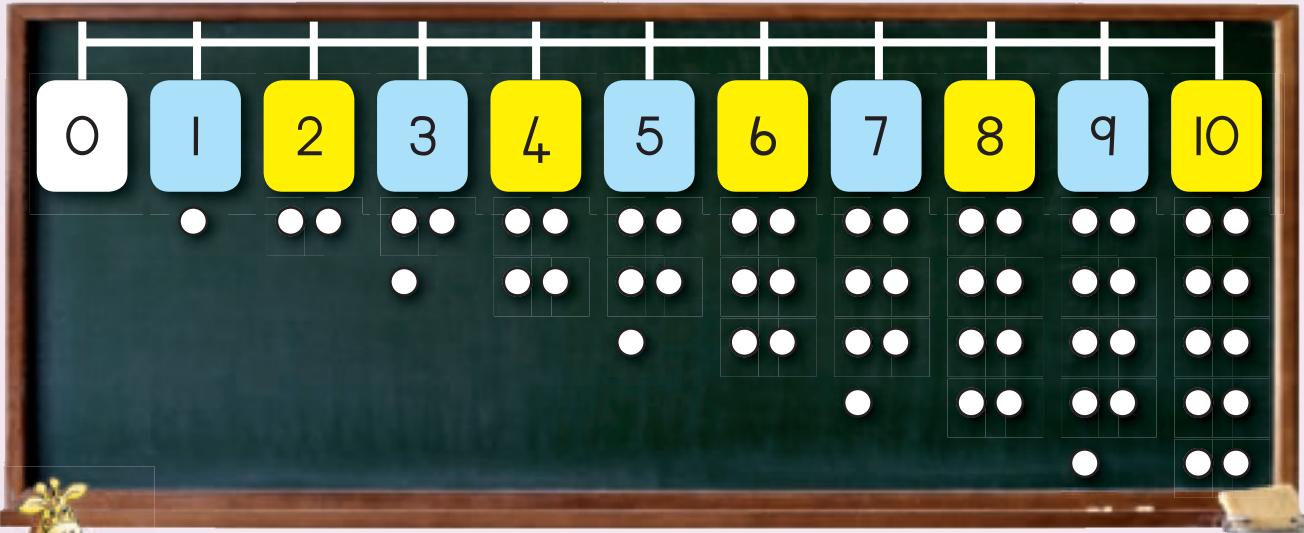
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Ilanga:

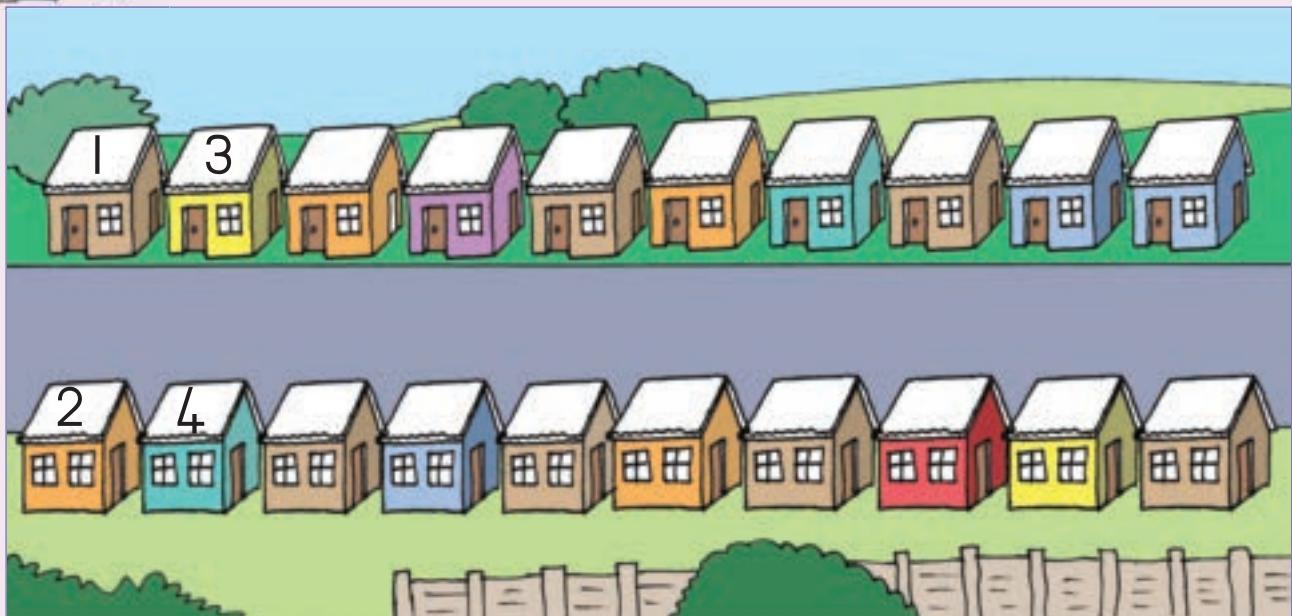
## Ezinye iinomboro



Gwala u  $\triangle$  ngeenomboro ezilinganako no –  $\circ$  ngeenomboro ezingalinganiko.

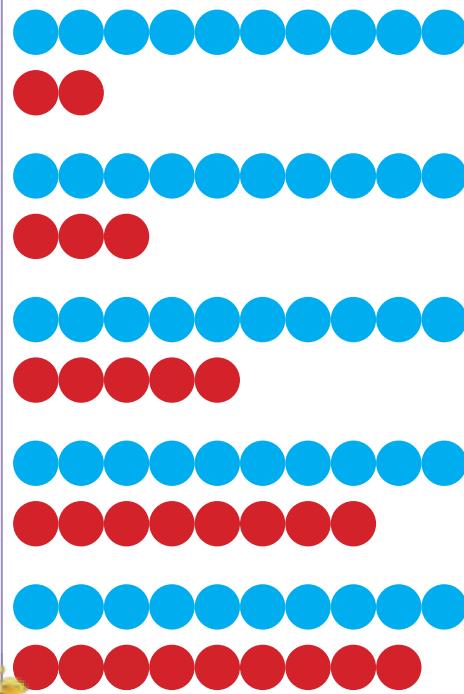


I	2	3	4	5	6	7	8	9	10
II	I2	I3	I4	I5	I6	I7	I8	I9	20





Bala imibala yomibili yomncamo.



Tlola inomboro eyipendulo.

$$10 \quad 2 = \boxed{12}$$

$$10 \quad 3 = \boxed{\phantom{00}}$$

$$10 \quad 5 = \boxed{\phantom{00}}$$

$$10 \quad 8 = \boxed{\phantom{00}}$$

$$10 \quad 9 = \boxed{\phantom{00}}$$

Singaytlola njengokuthi:

$$10 + 2 = 12$$

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



Ithini ipendulo.

$$10 + 1 = \boxed{\phantom{00}}$$
  

$$10 + 8 = \boxed{\phantom{00}}$$
  

$$10 + 5 = \boxed{\phantom{00}}$$

$$10 + 9 = \boxed{\phantom{00}}$$
  

$$10 + 2 = \boxed{\phantom{00}}$$
  

$$10 + 4 = \boxed{\phantom{00}}$$

$$10 + 6 = \boxed{\phantom{00}}$$
  

$$10 + 3 = \boxed{\phantom{00}}$$
  

$$10 + 7 = \boxed{\phantom{00}}$$



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



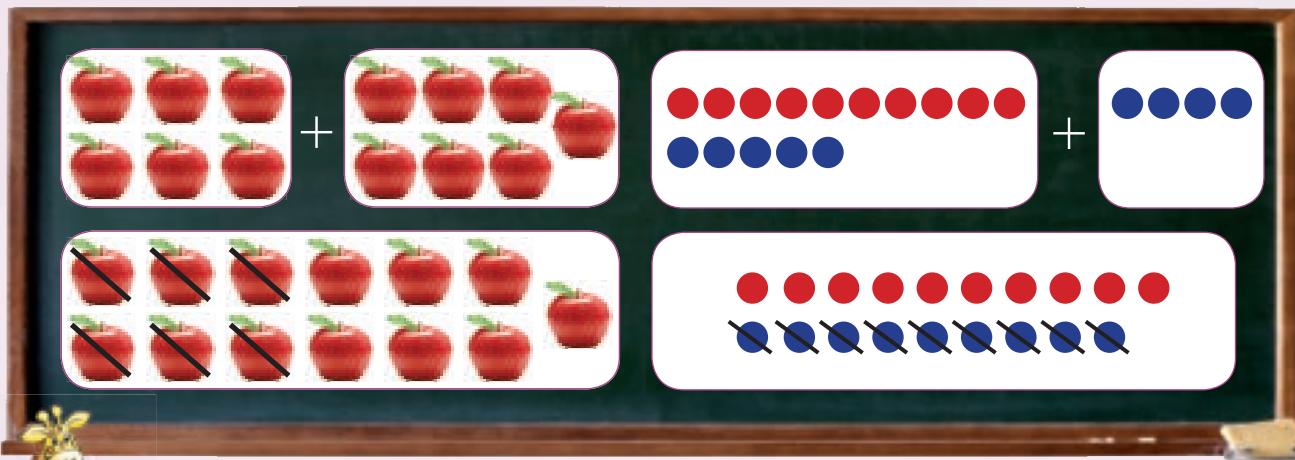
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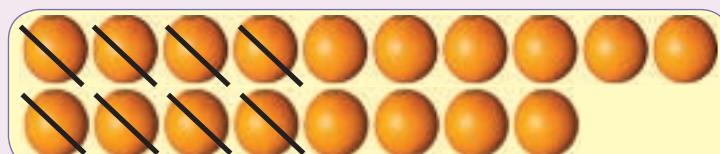
## Ukuhlanganisa nokukhupha



Hlanganisa begodu ukhuphe.



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



$$18 - 8 = \boxed{\phantom{0}}$$



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Bala.



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$6 + 5 = \boxed{\phantom{0}}$$

$$8 + 9 = \boxed{\phantom{0}}$$

$$11 + 3 = \boxed{\phantom{0}}$$

$$12 - 5 = \boxed{\phantom{0}}$$

$$8 + 7 = \boxed{\phantom{0}}$$

$$3 + 8 = \boxed{\phantom{0}}$$

$$9 - 5 = \boxed{\phantom{0}}$$

$$16 - 9 = \boxed{\phantom{0}}$$

$$6 + 4 = \boxed{\phantom{0}}$$

$$8 + 4 = \boxed{\phantom{0}}$$

$$8 - 4 = \boxed{\phantom{0}}$$

$$6 - 4 = \boxed{\phantom{0}}$$



Hlanganisa.

$$\begin{array}{r} \text{[apple icon]} + \text{[apple icon]} + \text{[apple icon]} + \text{[apple icon]} = \text{[apple icon icon]} \\ 2 + 2 + 2 + 2 = 8 \end{array}$$

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



Bala.

$$2 + 2 + 2 = \boxed{\phantom{0}}$$

$$1 + 1 + 1 + 1 + 1 + 1 = \boxed{\phantom{0}}$$

$$2 + 2 + 2 + 2 = \boxed{\phantom{0}}$$

$$4 + 4 = \boxed{\phantom{0}}$$

$$3 + 3 + 3 + 3 = \boxed{\phantom{0}}$$

$$4 + 4 + 4 + 4 = \boxed{\phantom{0}}$$

$$5 + 5 + 5 = \boxed{\phantom{0}}$$

$$5 + 5 = \boxed{\phantom{0}}$$

$$1 + 1 + 1 = \boxed{\phantom{0}}$$



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Date:



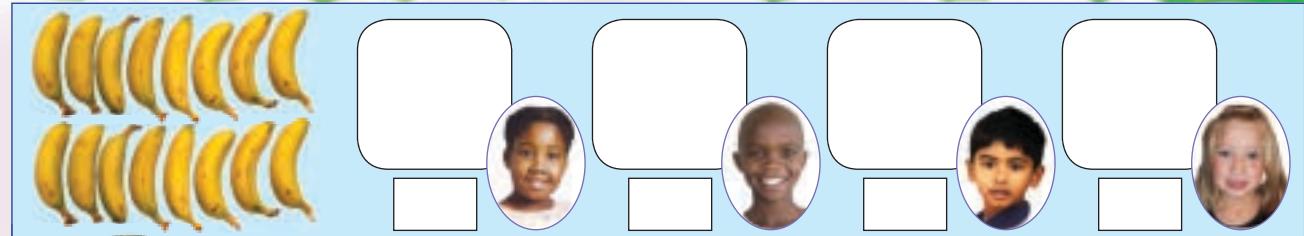
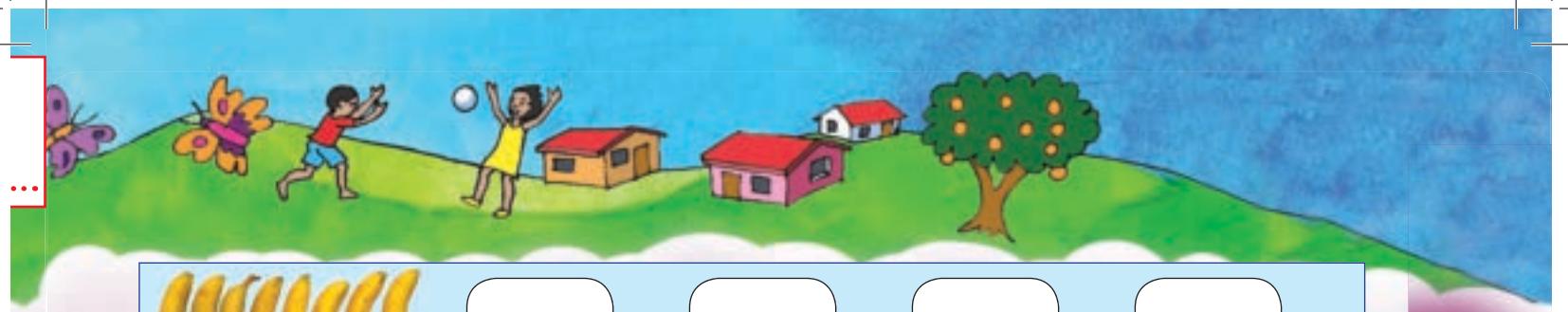
2 + 2 + 2 + 2 + 2 + 2

## Ukwabelana kanye nemali



Yabelana ngeenthelo ezingenzasi.

Apples	Oranges	Pineapples	Tomatoes



Qedelela.



amasende ama-5



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



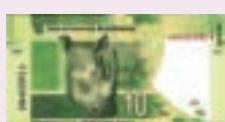
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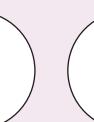
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R I c R5 5c R10

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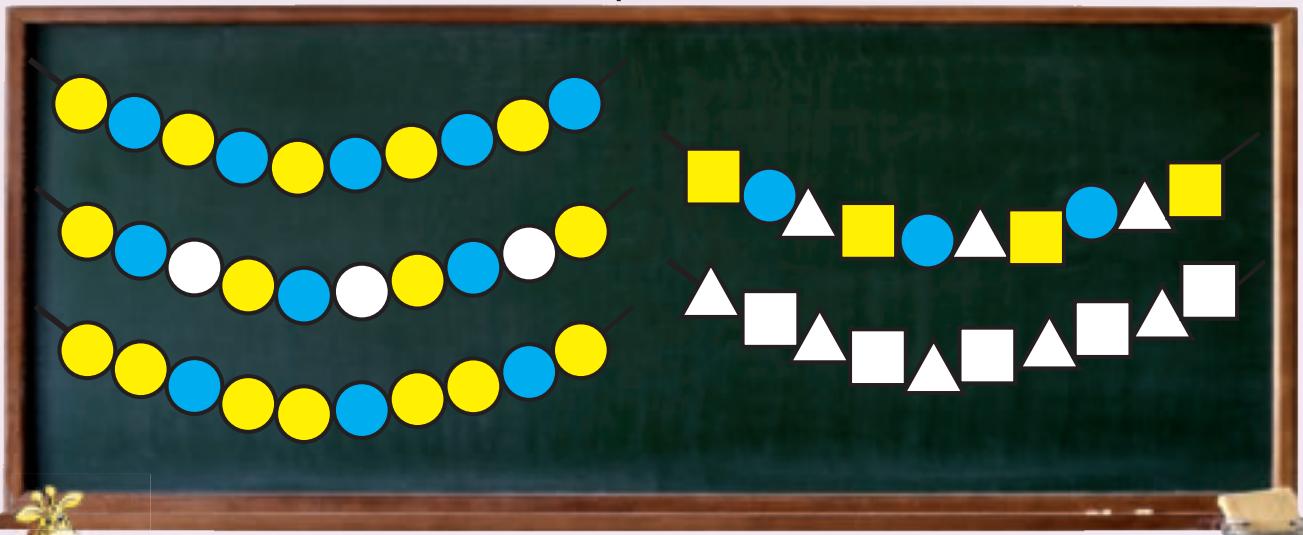
17

18

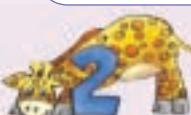
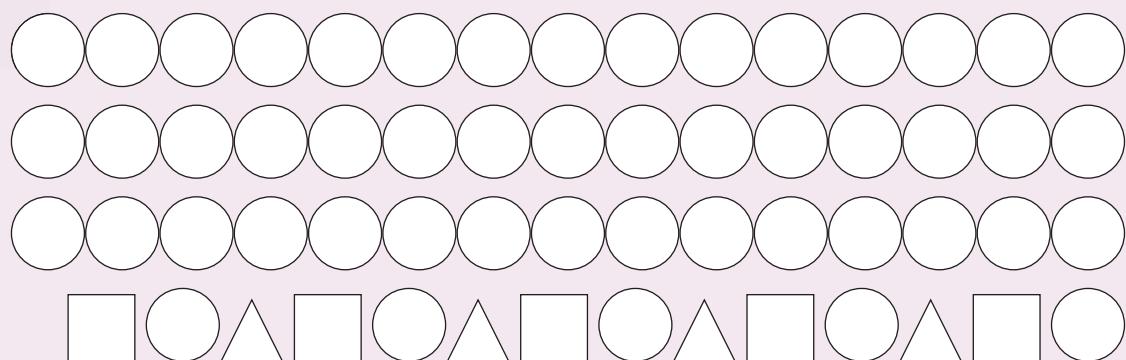
19

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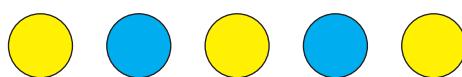
## Amaphetheni

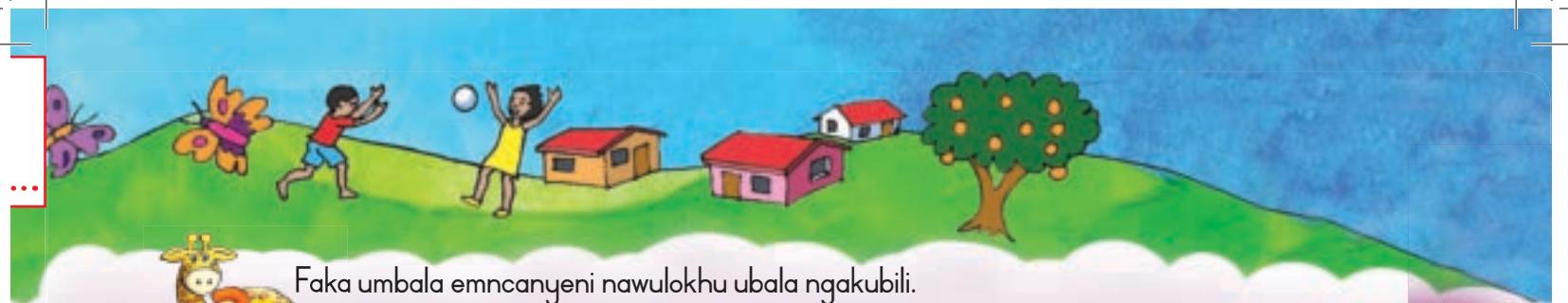


Kopulula amaphetheni asebhodini uwakopululele eenkhaleni ezingenzasi:

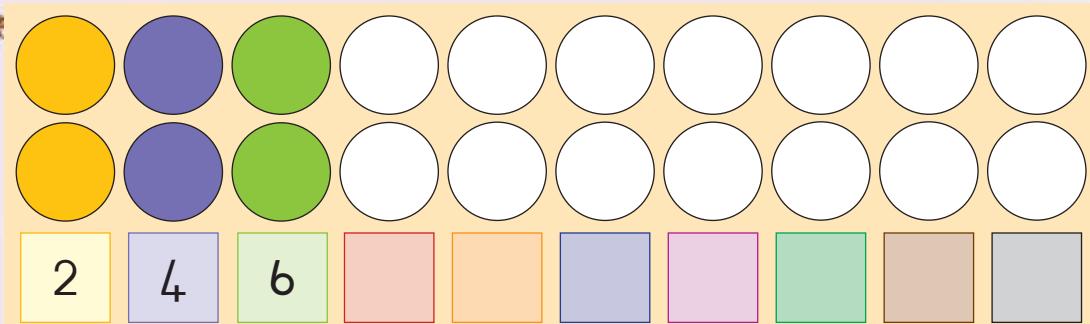


Ngezelela amaphetheni.

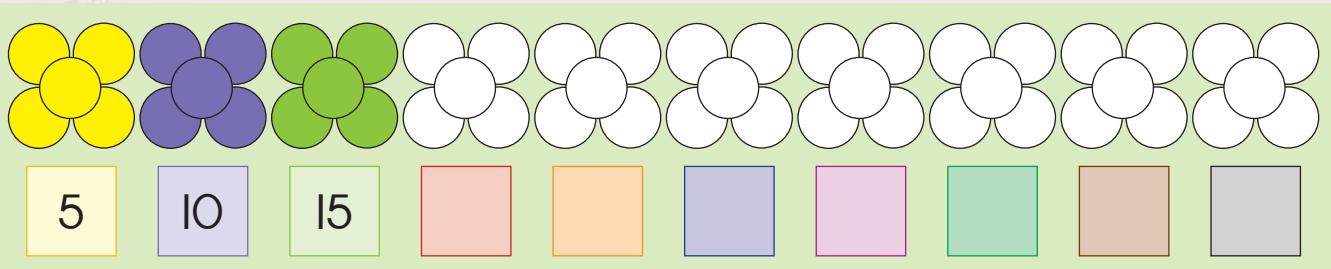




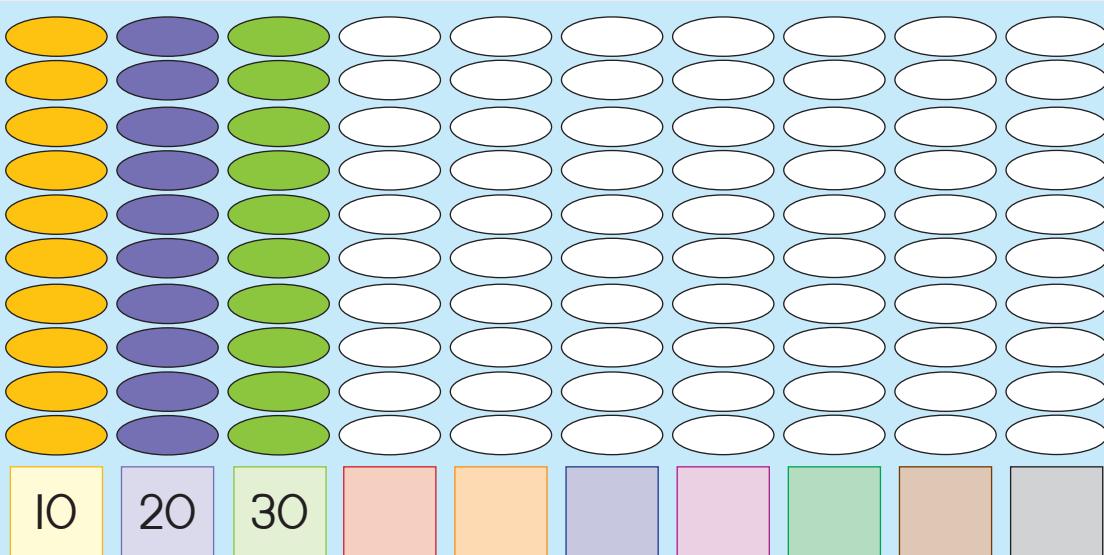
Faka umbala emncanyeni nawulokhu ubala ngakubili.



Faka umbala ngemathuthumbeni nawulokhu ubala ngakuhlanu.



Faka umbala ngemncanyeni nawulokhu ubala ngamatjhumi.



O O A O O I A O O A



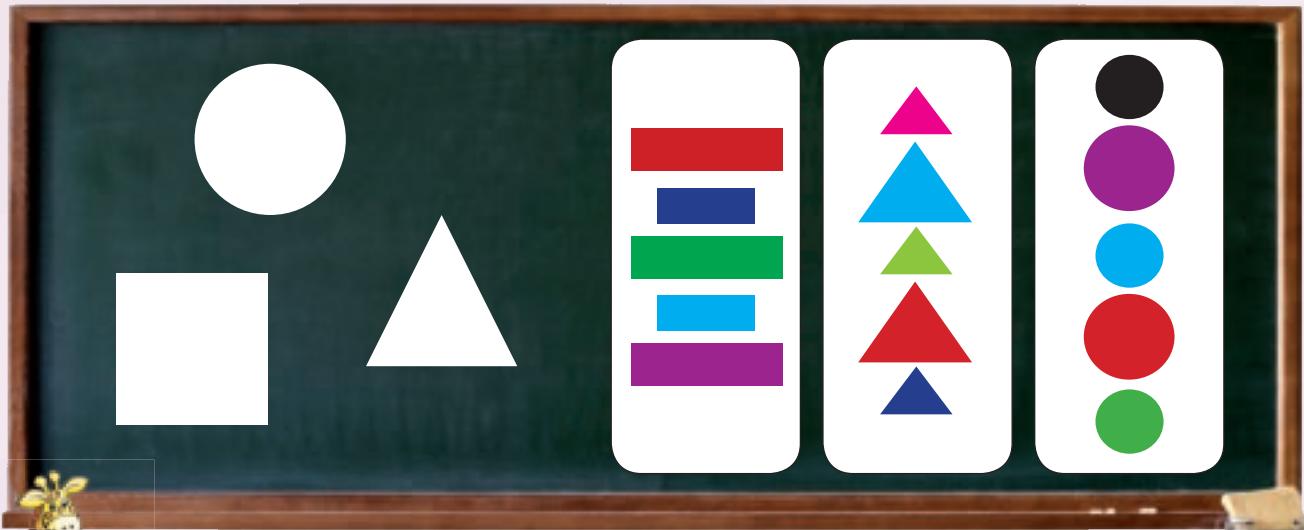
Teacher:

Sign:

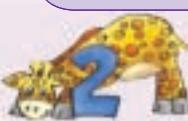
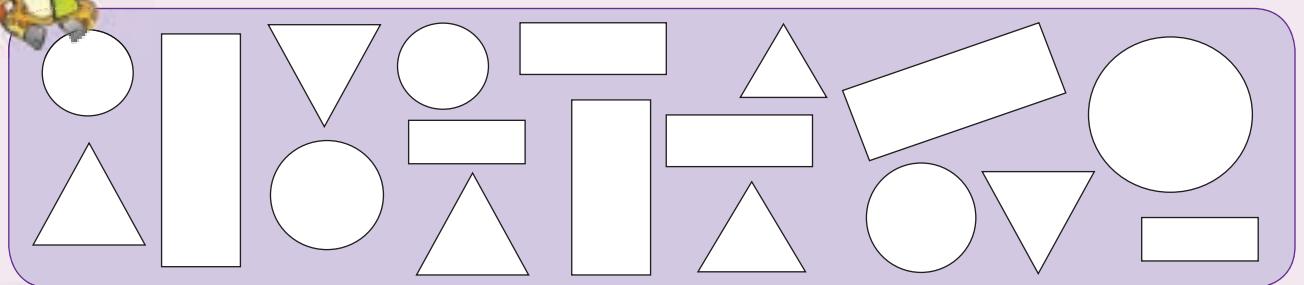
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Ilanga:

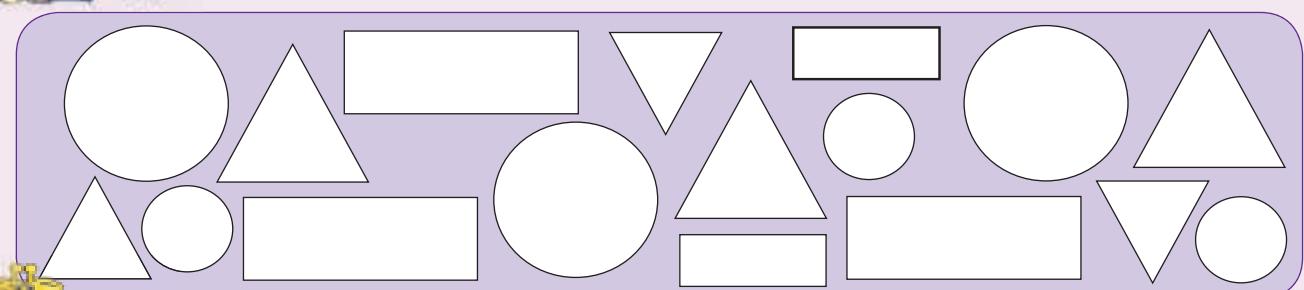
## Amabumbeko



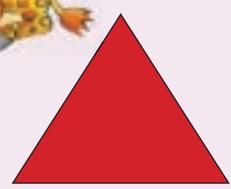
Faka aboncazine umbala ohlaza kwesibhakabhaka, amasekeli abe bomvu aboncantathu babe sarulani.



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



Faka umbala ependulweni efaneleko.



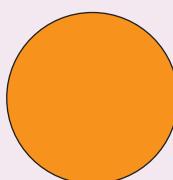
nqophileko

isekeli



nqophileko

isekeli

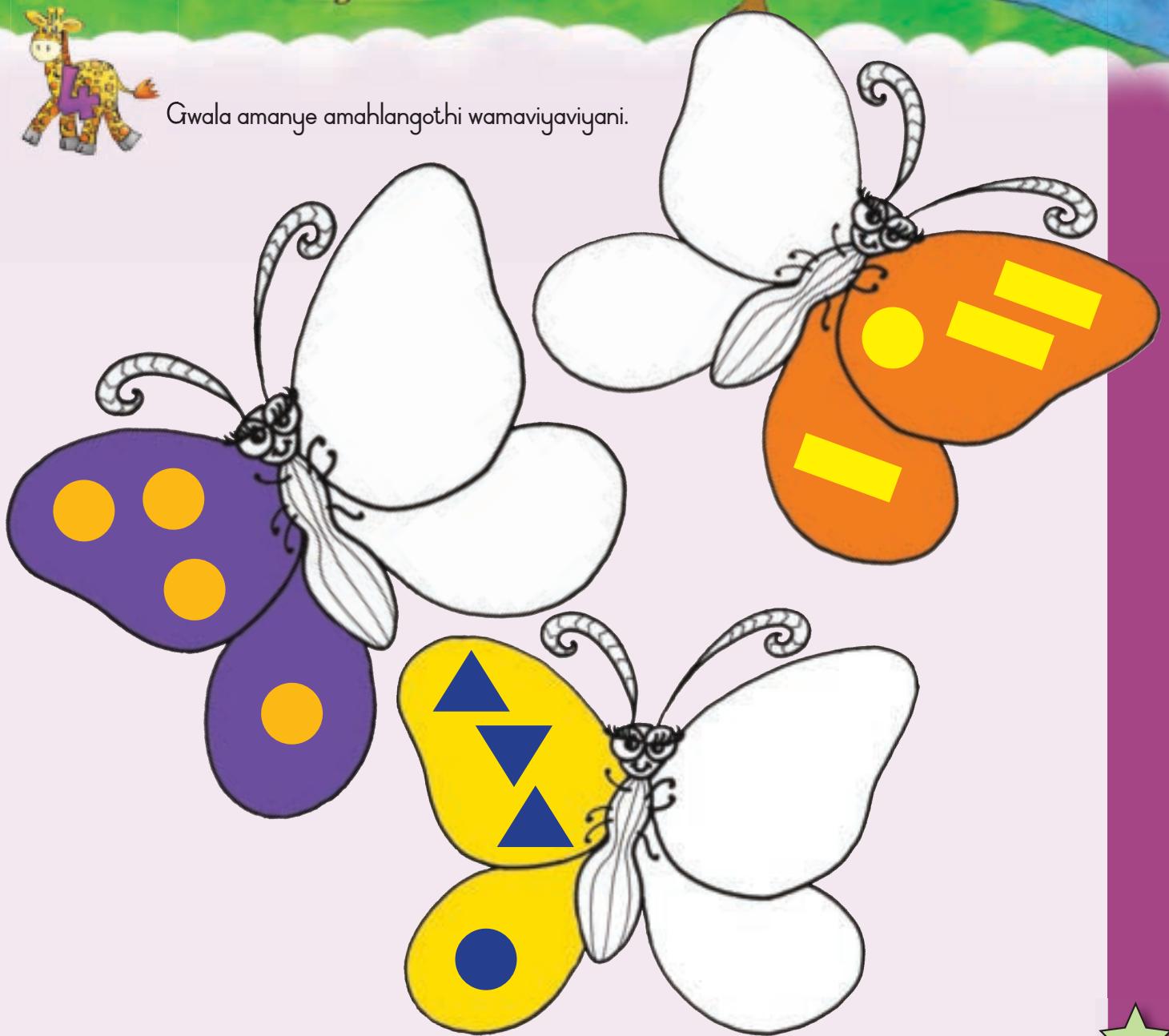


nqophileko

isekeli



Gwala amanye amahlangothi wamaviyaviyani.



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Ilanga:

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## Imbholo namabhoksi



Ndulungela amabhoksi ngokuhlaza kwesibhakabhaka begodu iimbholo ngokubomvu.



**2** Faka umbala ependulweni efaneleko.



Ibhoksi

iyatjhelela

iyagedeka



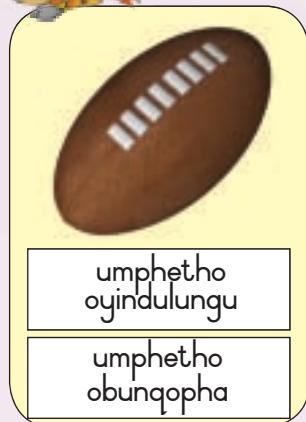
Ibholo

iyatjhelela

iyagedeka



Faka umbala ependulweni efaneleko.



umphetho  
oyindulungu  
umphetho  
obunqopho



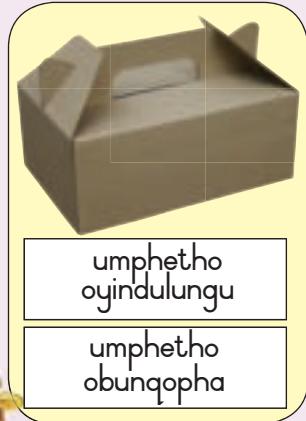
umphetho  
oyindulungu  
umphetho  
obunqopho



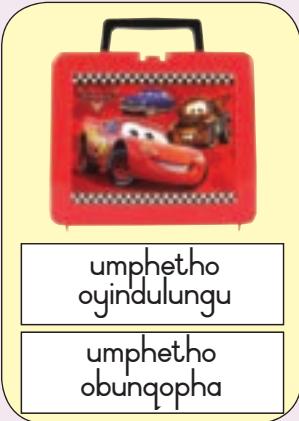
umphetho  
oyindulungu  
umphetho  
obunqopho



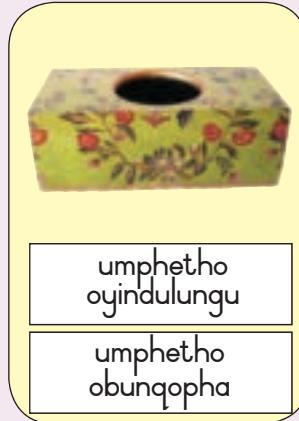
umphetho  
oyindulungu  
umphetho  
obunqopho



umphetho  
oyindulungu  
umphetho  
obunqopho



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oyindulungu  
umphetho  
obunqopho



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oyindulungu  
umphetho  
obunqopho



umphetho  
oyindulungu  
umphetho  
obunqopho



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



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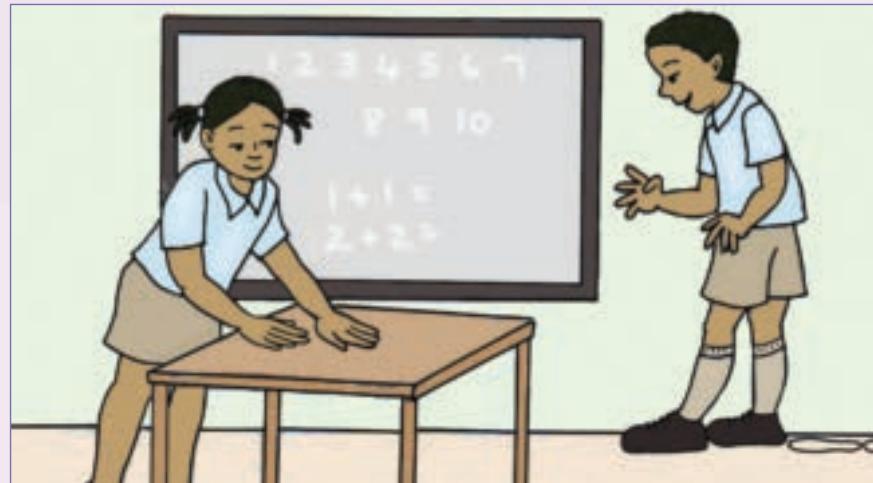
10

Ithemu |

Benzani?

Ubude

Ilanga:



Ingabe ngisiphi isitimela esifitjhazana namkha esidenyana?



fitjhazana

denyana

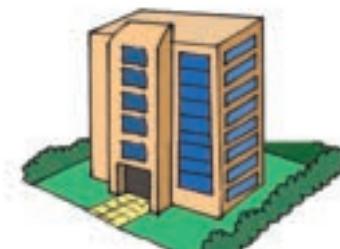


fitjhazana

denyana



Ingabe ngimuphi umakhiwo omudenya namkha omfitjhazana?



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?



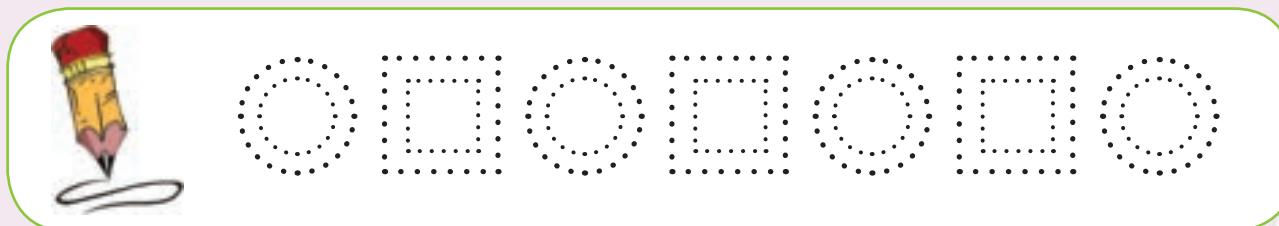




Kwanjesi meda ukuphakama kwakancazine ngesandla nangeenyawo.







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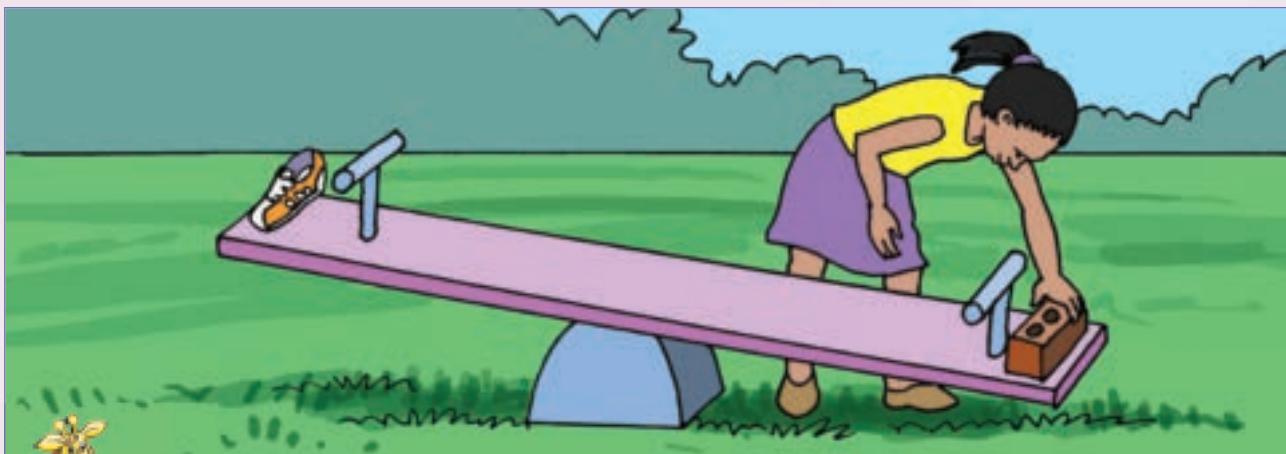
20



Ilanga:

.....

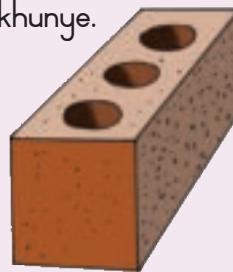
## Ubungako



Yitjho kobana into le ibudisi khulu nanyana ilula khulu kunokhunye.



ibudisana

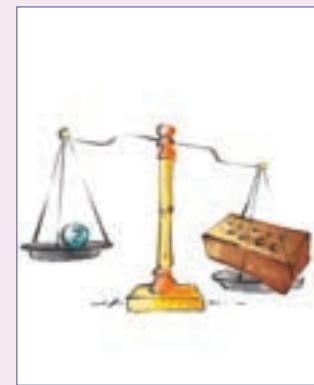
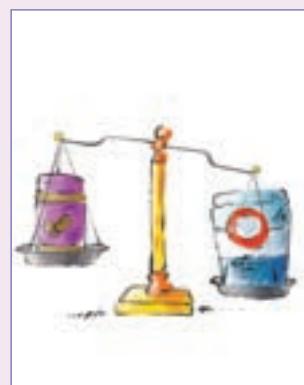


ibudisana

iludlana

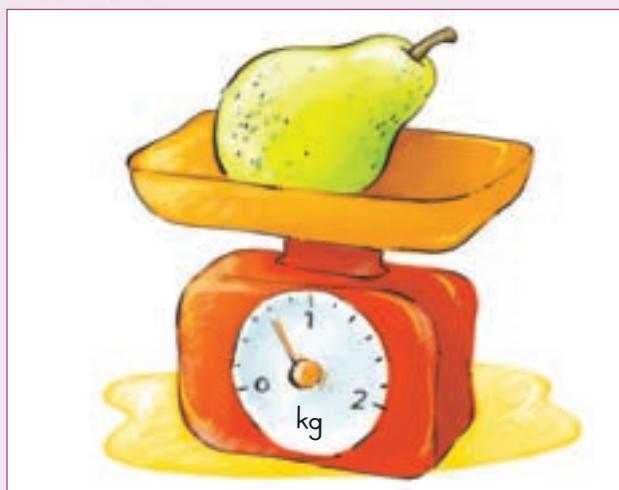


Ndulungela into ebudisana.





Ingabe into le ibudisana namkha iludlana kunekhilogremu linye?



ibudisi

ilula

ibudisi

ilula



ibudisi

ilula

ibudisi

ilula



ubudisi ubulula



Teacher:

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Date:

Cocani ngesithombe.

## Umthamo

Ilanga:



Faka umbala ependulweni efaneleko.



zeleko

nganalitho

ihafu

zeleko

nganalitho

ihafu



zeleko

nganalitho

ihafu

zeleko

nganalitho

ihafu



zeleko

nganalitho

ihafu

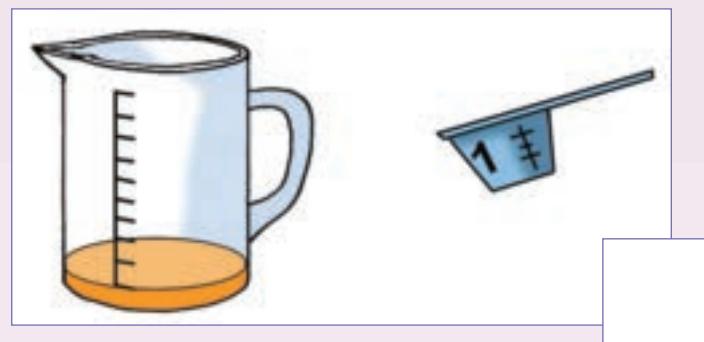
zeleko

nganalitho

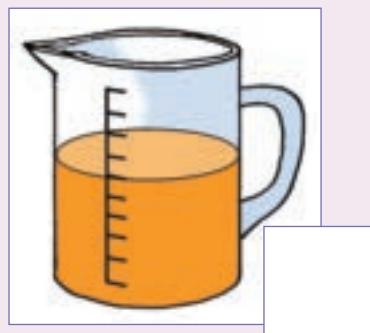
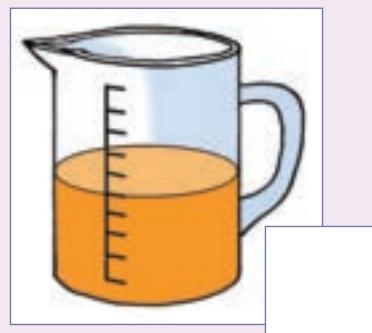
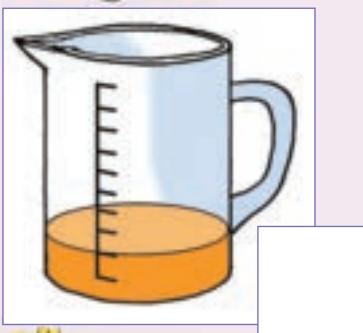
ihafu



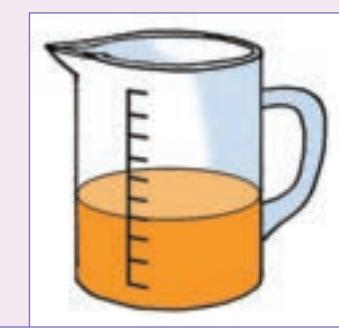
Isimedo sinye sizalisa ukufika esimeregwani sejego.  
Ingabe ijego le izokuzaliswa ziimedo ezingaki?



Ingabe ziimedo ezingaki ezithelwe ngeenjegeni lezi?



Ijego engesinceleni inejuzi e-lilitha li-l. Ingabe ngiyiphi ijego enejuzi elinganako begodu ngiyiphi enejuzi encani.



linganako

ncani

linganako

ncani



# zeleko nganalitho



Teacher:

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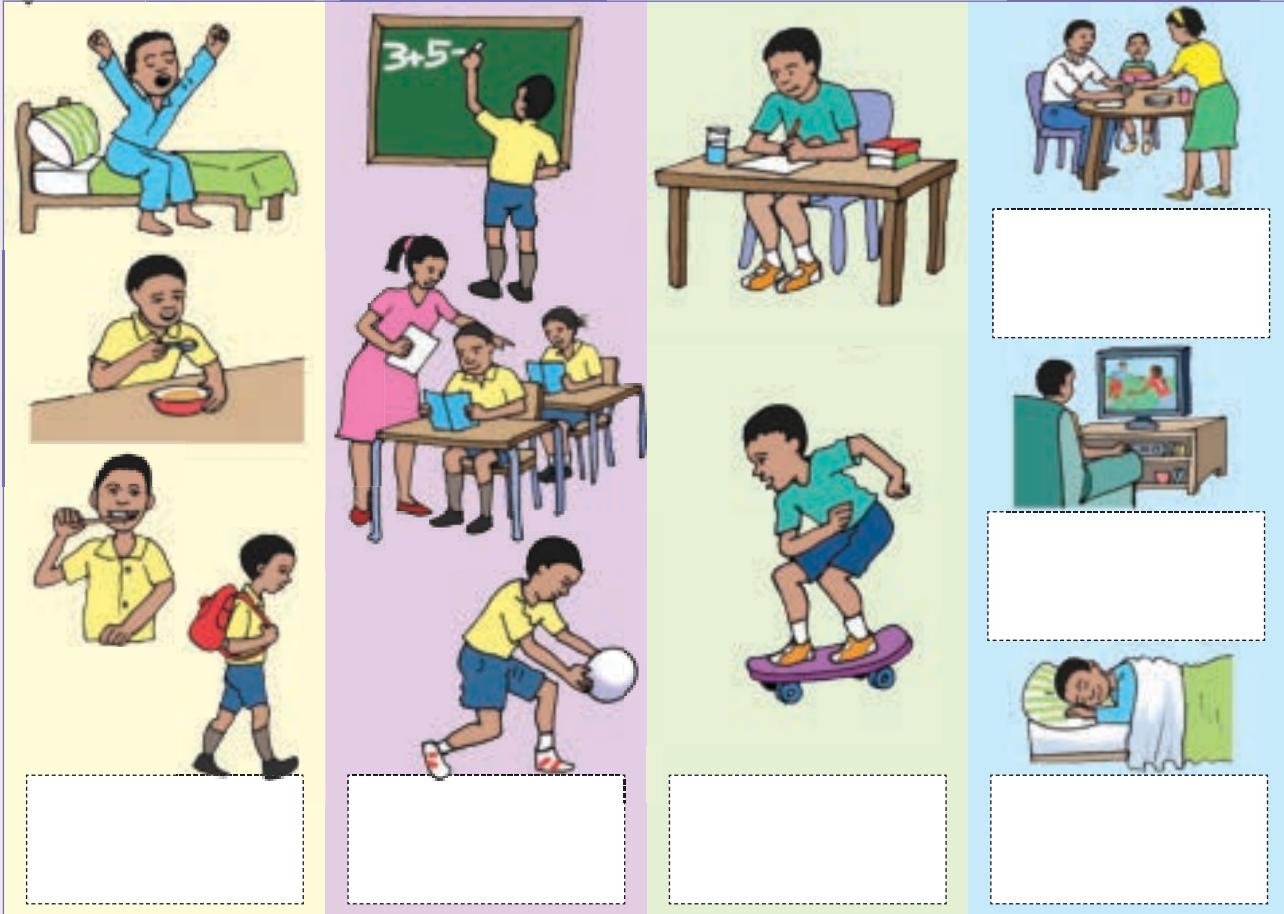
20



## Isikhathi

Ilanga:

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



Qedelela imitjho.

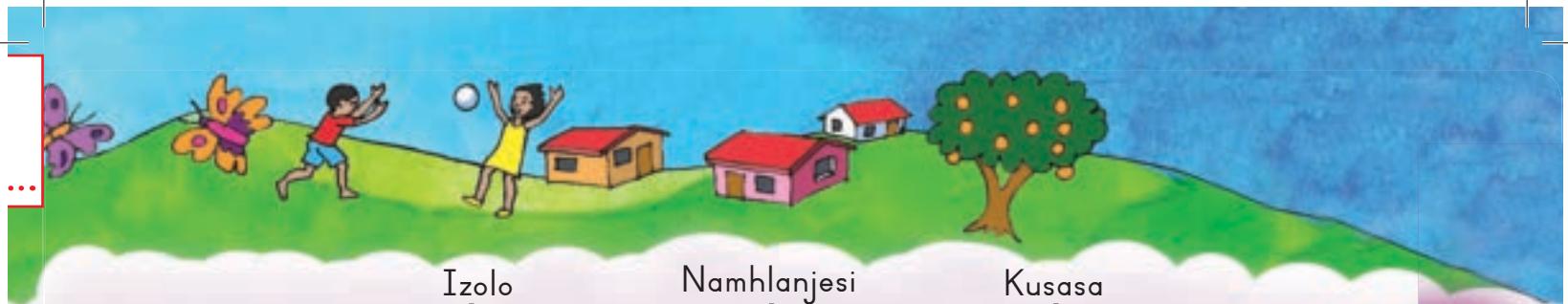
Ngi \_\_\_\_\_ ekuseni ngamasa.

Ngi \_\_\_\_\_ ekuseni.

Ngi \_\_\_\_\_ ngemva kwedina.

Ngi \_\_\_\_\_ ngamalanga.

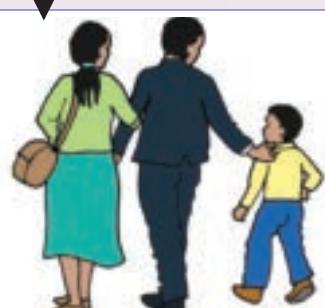
Ngi \_\_\_\_\_ ngemva kwesikhathi ngamalanga.



Izolo

Namhlanjesi

Kusasa



Phendula imibuzo.

Ingabe umntwana wenzani namhlanjesi? \_\_\_\_\_

Ingabe wenzeni izolo? \_\_\_\_\_

Ingabe umntwana uzokwenzani kusasa? \_\_\_\_\_



Gwala isithombe sakho.

Izolo

Namhlanjesi

Kusasa



Izolo

O A O A O A O A O A O A



Teacher:

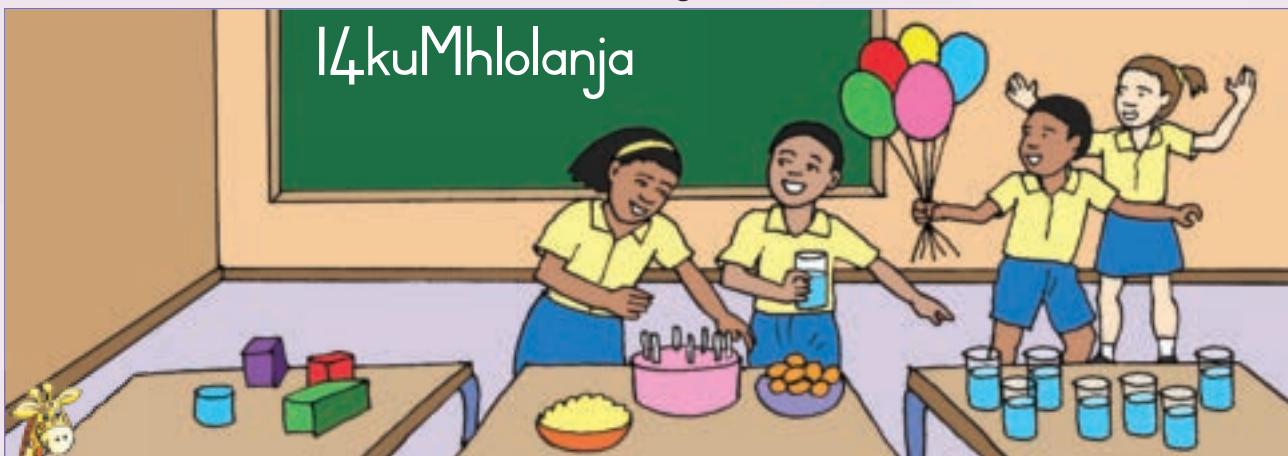
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Ilanga:

## Ikhalenda lamalanga wamabeletho

## I4kuMhlolanja



Landela ukwelamana kweenyanga.





21

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

UTjhirkwani

UMhlolana

UNtaka

USihlabantangana

UMrhayili

UMgwengweni

UVelabahlinze

URhoboyi

UKhukhulamungu

USewula

USinyikhaba

UNobayeni



Ilanga lami  
lamabeletho li



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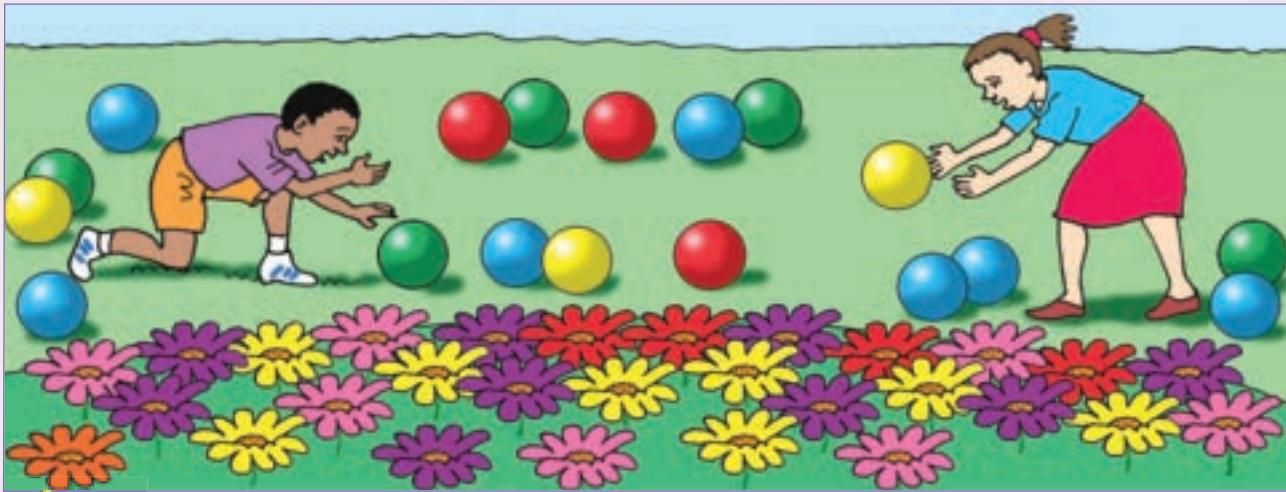
18

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Ilanga:

## Buthelela bewuhlele ngemibala



Buthelela bewuhlele iimbholo ngemibala begodu zigwale ngebhoksini elifaneleko.



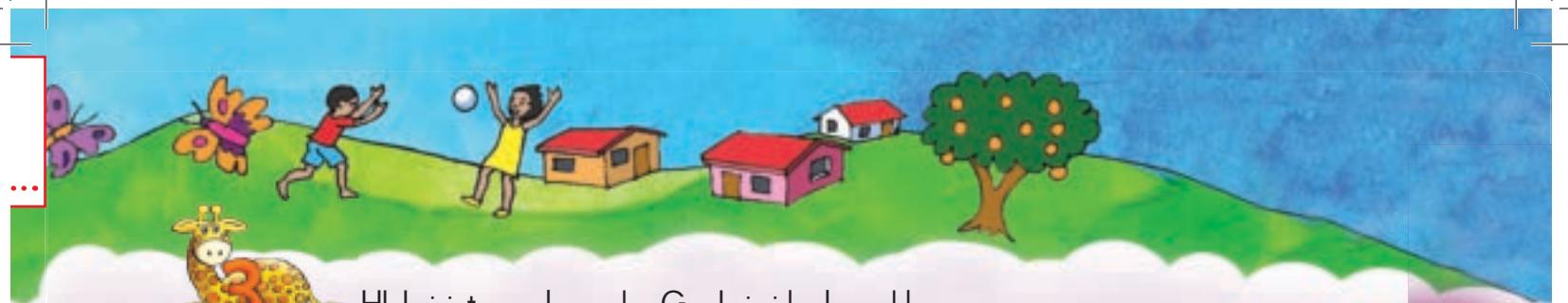
iimbholo ezihlaza satjani

iimbholo ezibomvu

iimbholo ezihlaza  
kxesibhakabhakaiimbholo  
ezisarulani

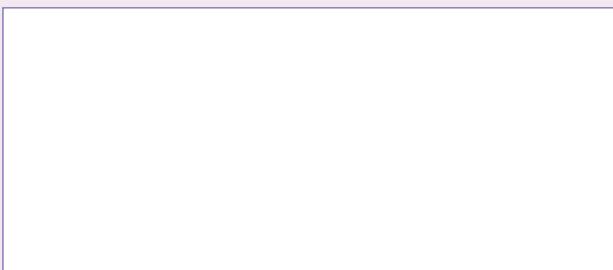
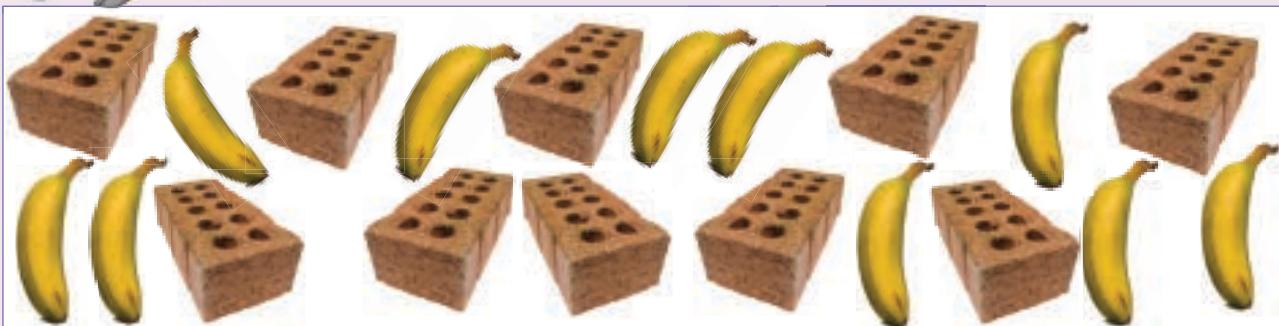
Buthelela iimbholo bewuzihlele ngemibala.

amabhlomu  
asarulaniamabhlomu  
abomvuamabhlomu  
asipiridzanaamabhlomu  
apinkiamabhlomu  
a-orentji

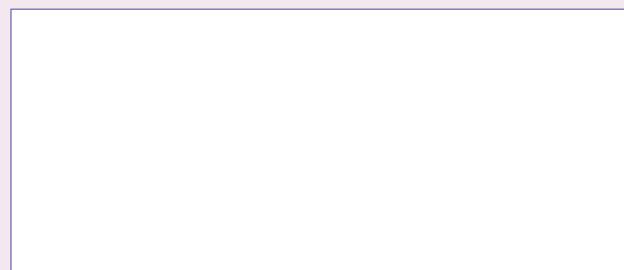


3

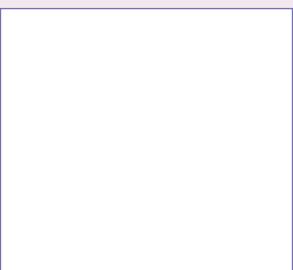
Hlela izinto ngobungako. Gwala imidwebo yakho.



izinto ezilula



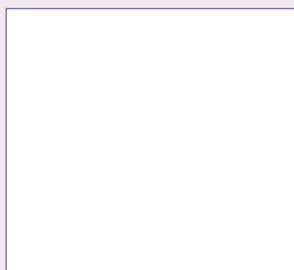
izinto ezibudisi



iimbholo ezincani



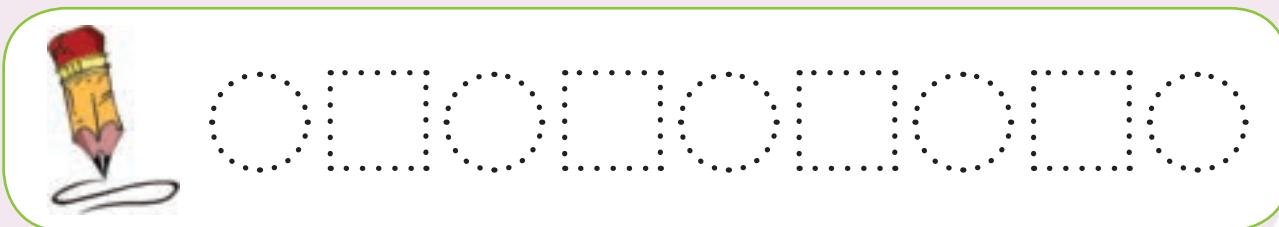
iimbholo ezikulu



amabhoksi amancani



amabhoksi amakhulu



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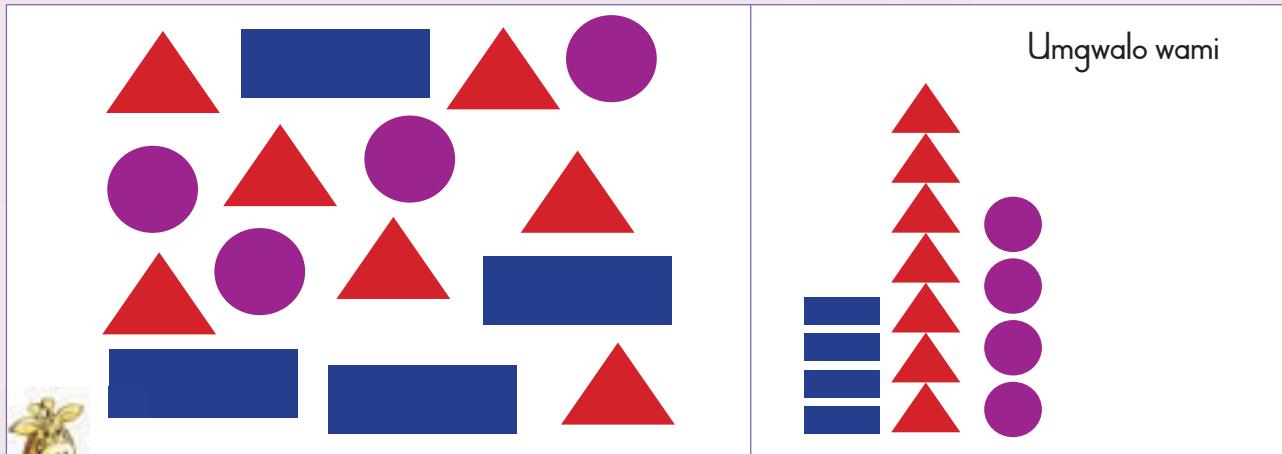
Date:

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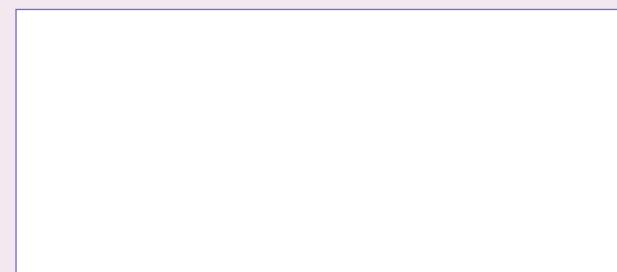
Ithemu I

## Funda bewuhlathulule

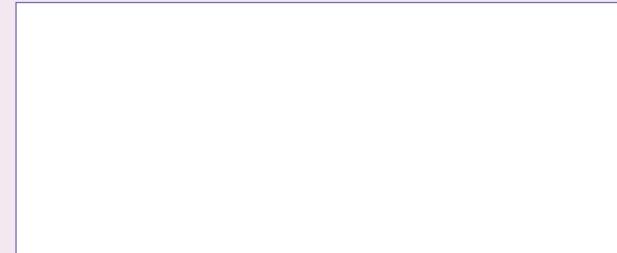
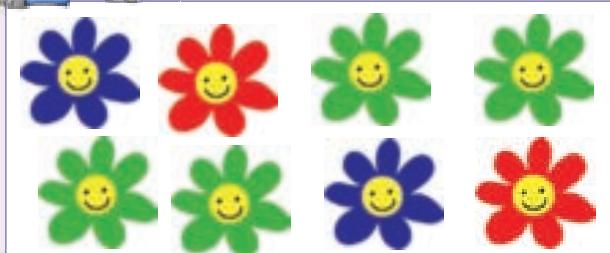
Ilanga:



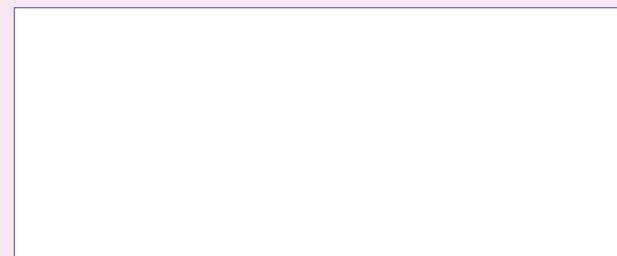
Hlela amakhrayoni ngemibala. Gwala imidwebo yaho.



Hlela amakhrayoni ngemibala. Gwala imidwebo yaho.



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?

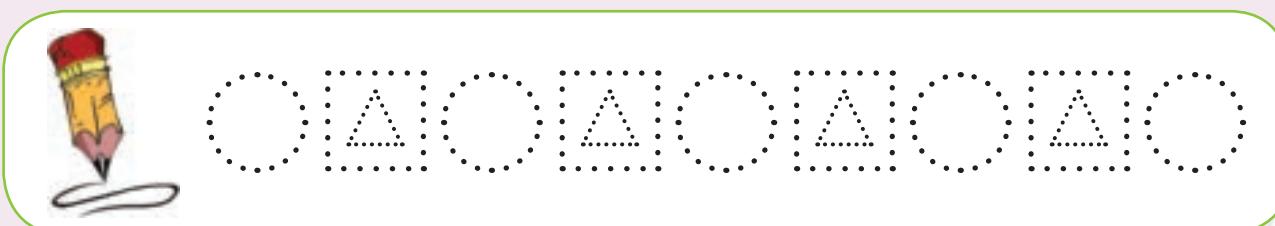
Ingabe kunezinye iiyingi nanyana aboncazine?

nganalitho	ihafu	zeleko

Zingaki iinjege ezingananto lapho?

Zingaki iinjege ezihafu lapho?

Zingaki iinjege ezizeleko lapho?



Teacher:

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Ilanga:



## Ngaphambili, ngemva nahlangana

Hlathulula iinomboro ngokusebenzisa amagama ngaphambi, hlangana begodu nangemva.

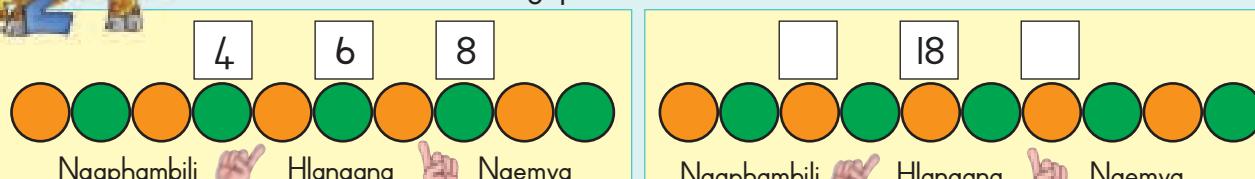
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
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Isibonelo:

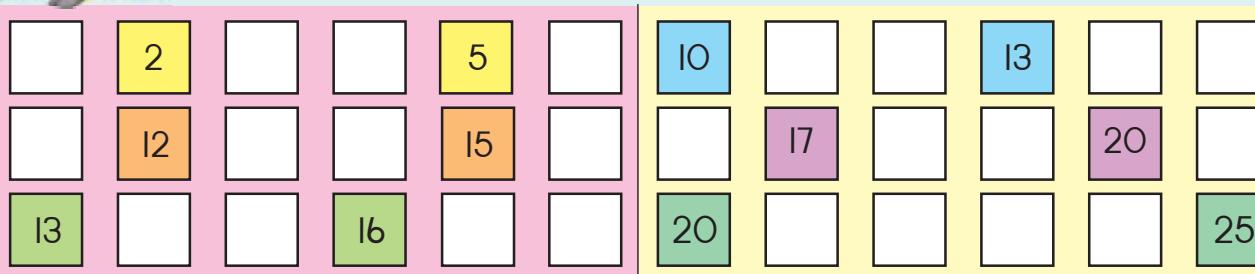
Ibholo yinye ebovu  
ihlangana neembholo  
ezimbili ezihlaza  
kwesibhakabhaka.



Tlola inomboro efaneleko ngaphakathi kwesikwere.



Zalisa iinomboro ezitlhayelako.



Ngiyiphi inomboro engaphambi kibu - ? \_\_\_\_\_

Ngiyiphi inomboro engemva kwe - ? \_\_\_\_\_

Ngiziphi iinomboro ezhlangana kibu - ne - ? \_\_\_\_\_



Faka iinomboro ezihihangana kwe -14 ne -17 umbala ohlaza kwesibhakabhaka.

Faka inomboro engaphambi kwe -14 umbala obomvu.

Faka inomboro engemva kwe -17 umbala osarulani.

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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 ezihihangana kobu -8 ne -18? \_\_\_\_\_



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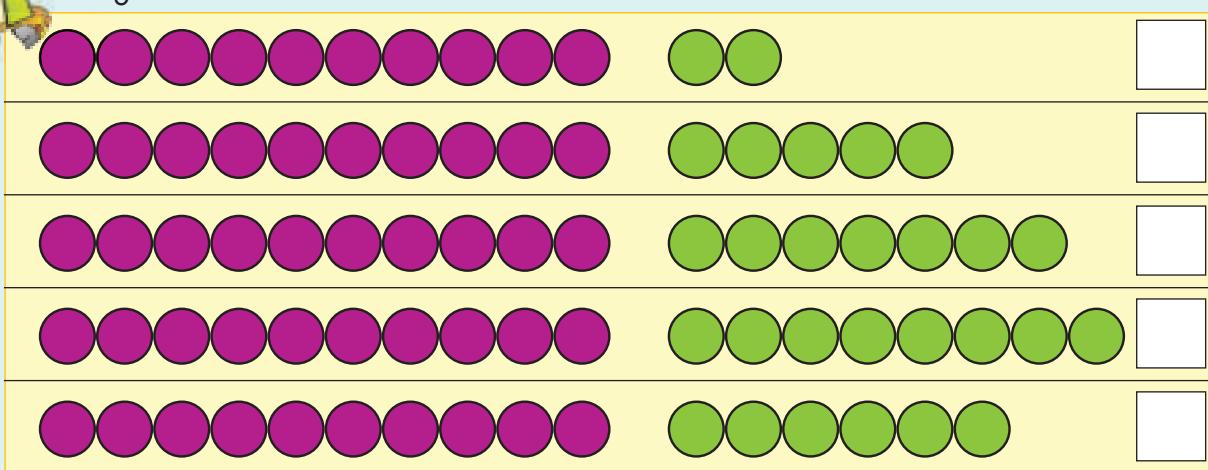
Ilanga:

## Inomboro 1 – 30

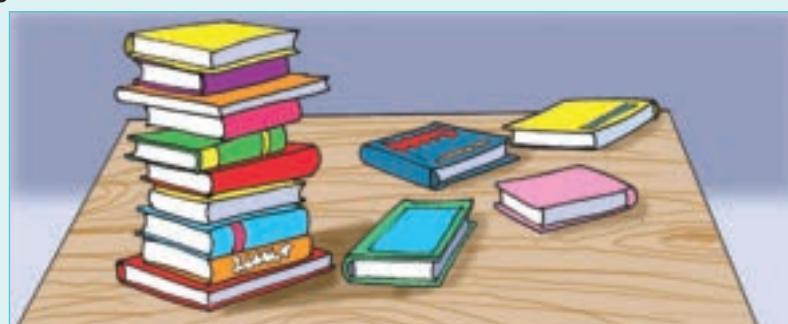
Zingaki iincwadi ozibalako?  
 Zingaki iinjege zepende ozibalako?



Mngaki umncamo owubalako?

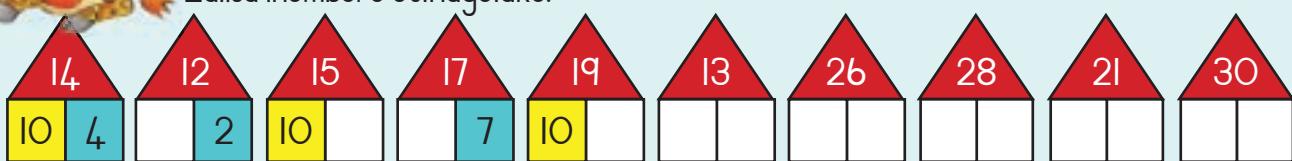


Zingaki iincwadi ozibalako?





Zalisa inomboro etlhayelako.





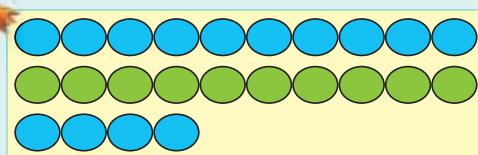
Qala esibonelweni sokuthoma bese uqedelela okulandelako.



18	=	I	amatjhumi	+	8	amayunidi	namkha	18	=	IO	+	8
15	=		amatjhumi	+		amayunidi	namkha		=		+	
19	=		amatjhumi	+		amayunidi	namkha		=		+	
22	=		amatjhumi	+		amayunidi	namkha		=		+	
24	=		amatjhumi	+		amayunidi	namkha		=		+	



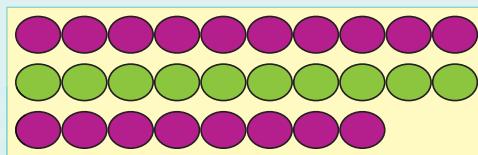
Mngaki umncamo owubalako?



inomboro

singayitlola njenge

$$20 + \boxed{\phantom{0}} = 24$$



inomboro

singayitlola njenge

$$20 + \boxed{\phantom{0}} = 28$$



Tlola amagama weenomboro ezilandelako.

- 10 \_\_\_\_\_
- 12 \_\_\_\_\_
- 14 \_\_\_\_\_
- 16 \_\_\_\_\_
- 18 \_\_\_\_\_
- 20 \_\_\_\_\_
- 22 \_\_\_\_\_
- 24 \_\_\_\_\_

- II \_\_\_\_\_
- I3 \_\_\_\_\_
- I5 \_\_\_\_\_
- I7 \_\_\_\_\_
- I9 \_\_\_\_\_
- 2I \_\_\_\_\_
- 23 \_\_\_\_\_
- 25 \_\_\_\_\_



Qala esibonelweni sokuthoma bese uqedelela okulandelako.

25	=	2	kwetjhumi	+	5	amayunidi	22	=	2	kwetjhumi	+	2	amayunidi
I3	=		kwetjhumi	+		amayunidi	2I	=		kwetjhumi	+		amayunidi
26	=		kwetjhumi	+		amayunidi	I9	=		kwetjhumi	+		amayunidi

Teacher:  
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Date:

8  
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Iq

Ithemu |

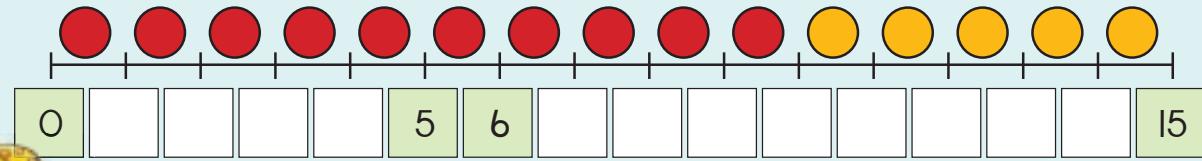
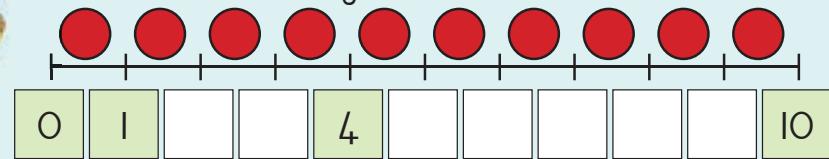


Ilanga:

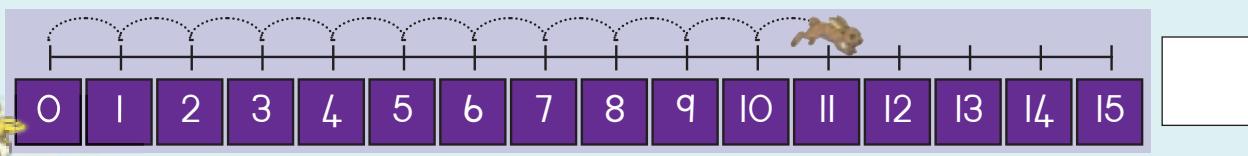
## Amanambalayini



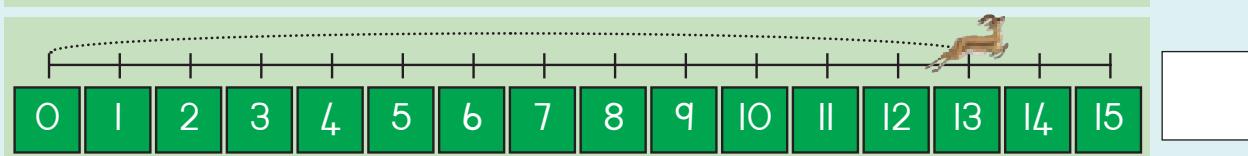
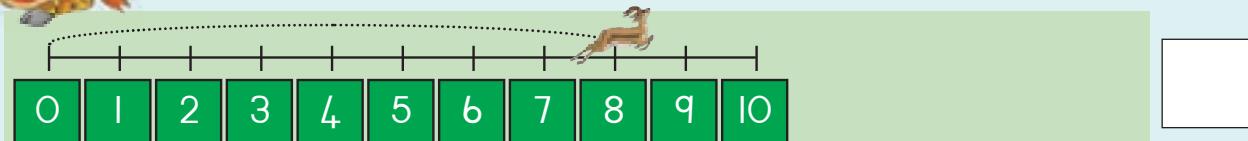
Zalisa iinomboro ezitlhayelako.



Isirhwarhwa seqele kude kangangani?

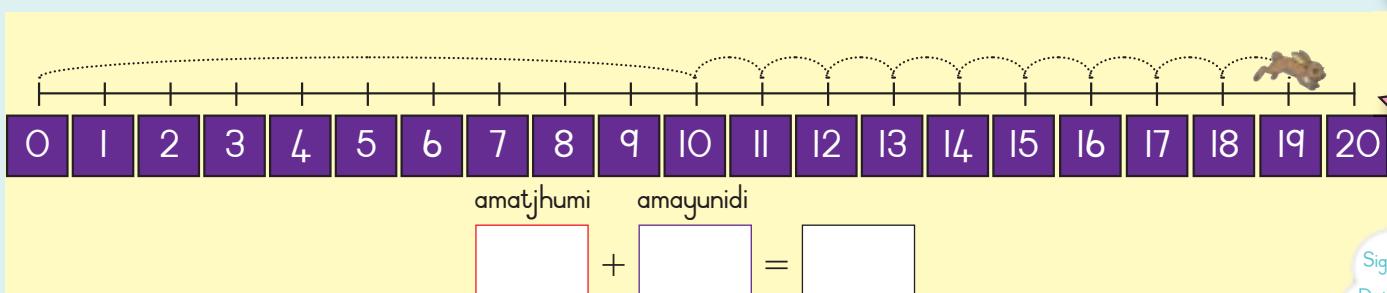
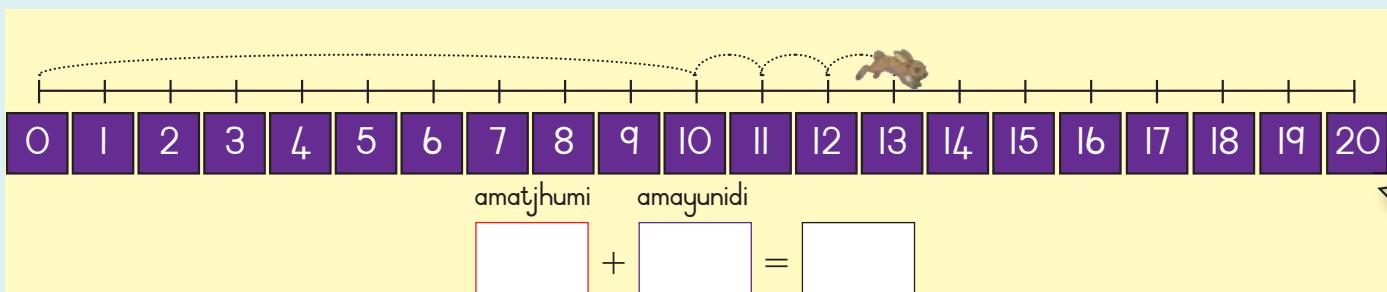
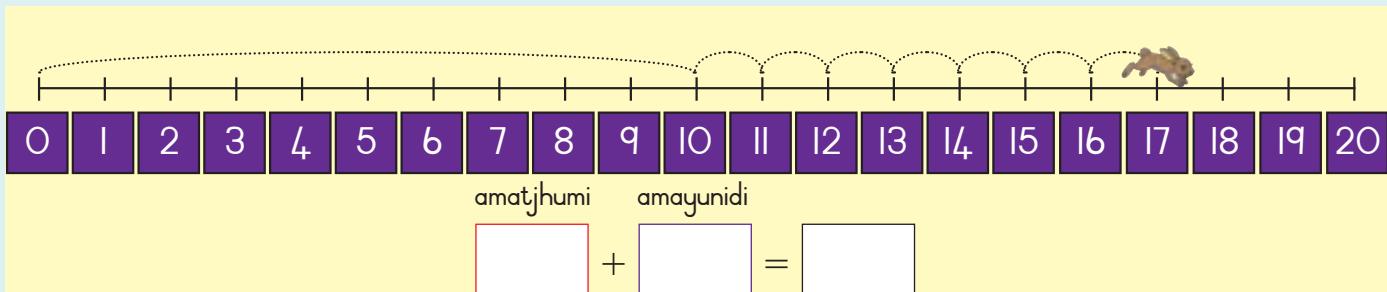
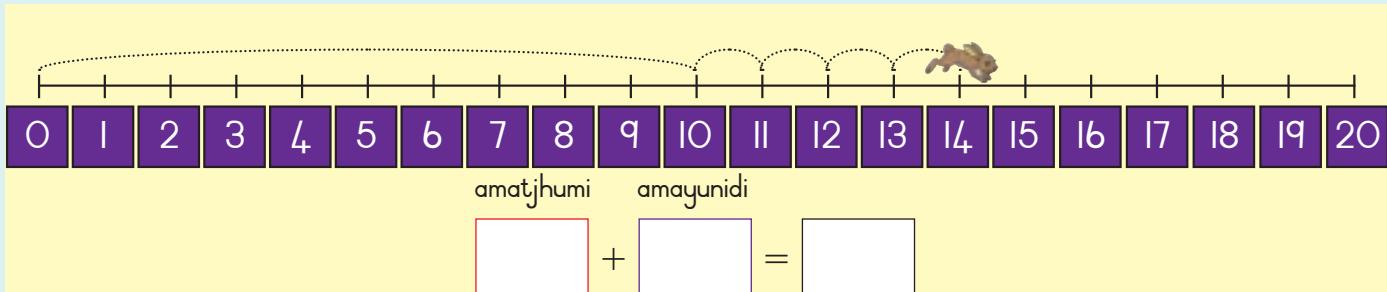
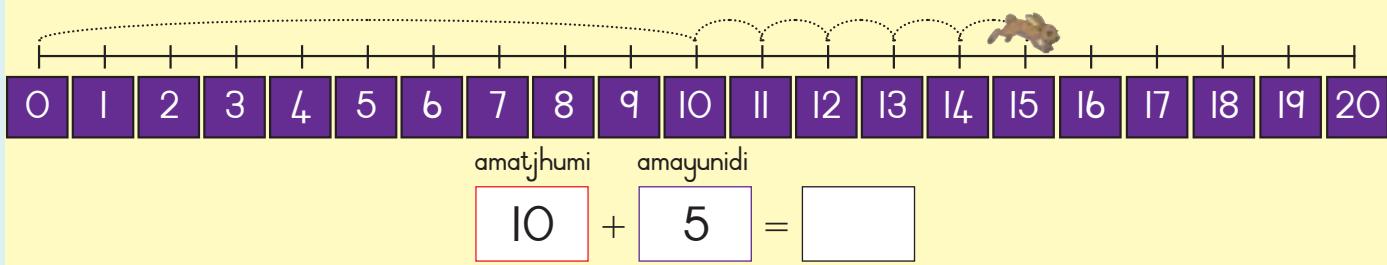


Ipunzi yeqele kude kangangani?





Qedelela inambalayini. Isirhwawha seqele kude kangangani?



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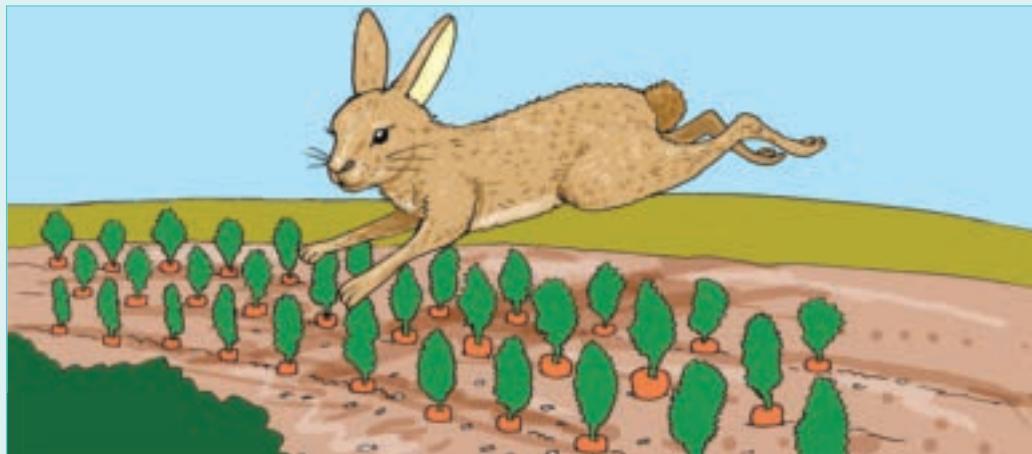
Ithemu I



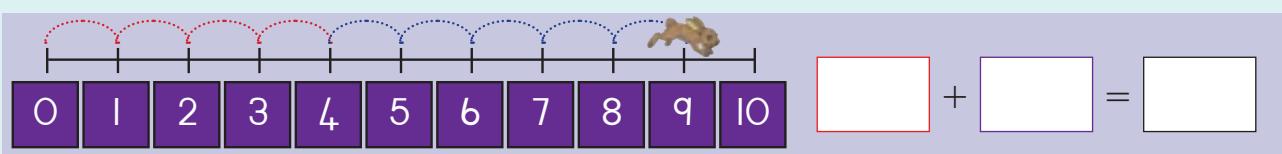
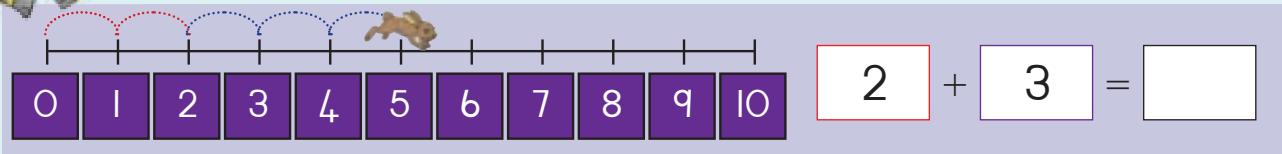
Ilanga:

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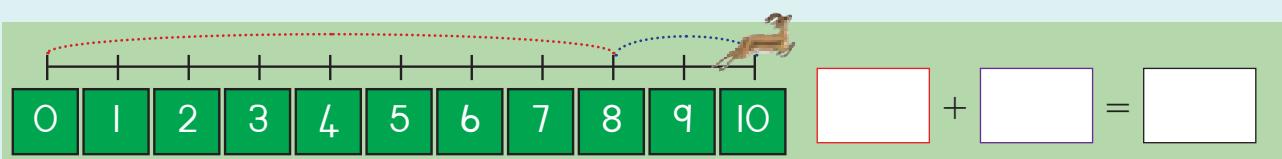
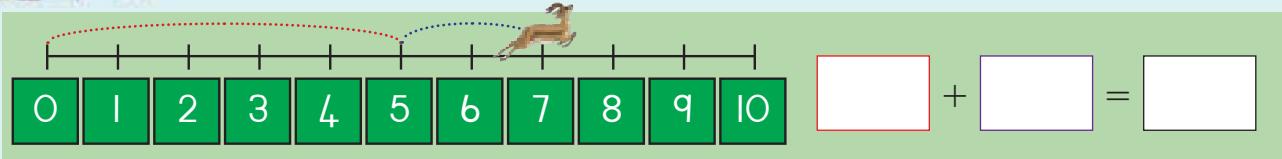
## Amanye amanambalayini



Siza isirhwarhwa ukutlola isibalo.

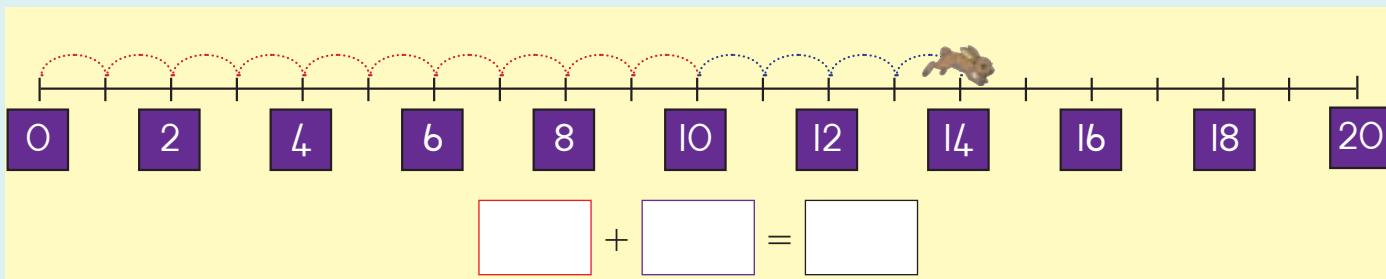
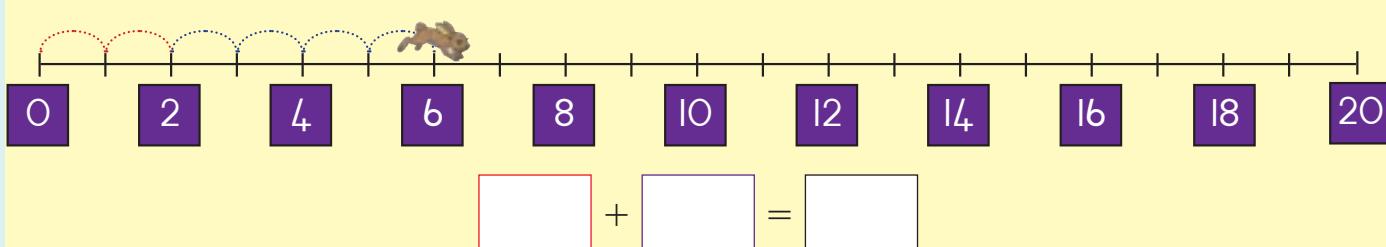


Siza ipunzi ukutlola isibalo.

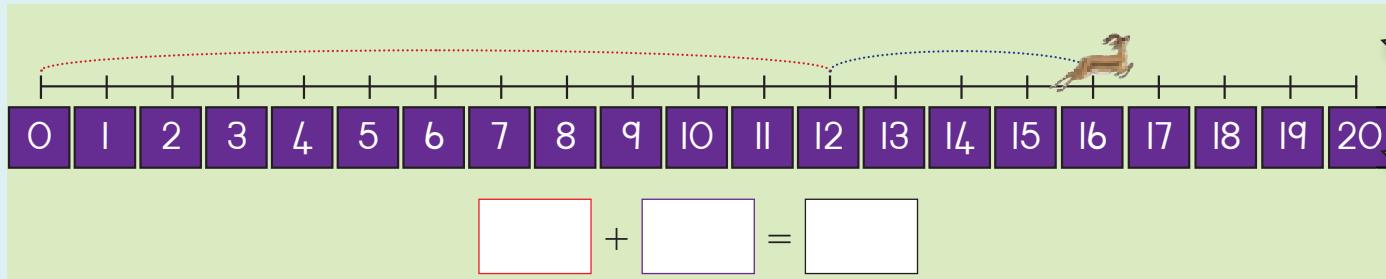
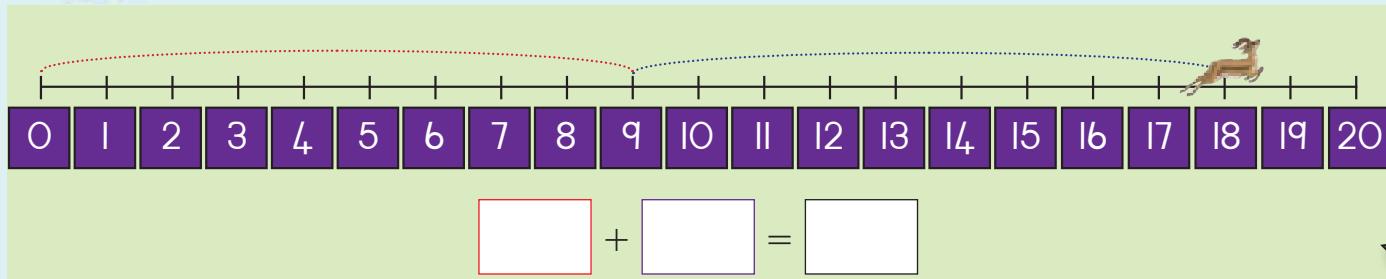




Siza isirhwarhwa ukutlola isibalo.



Siza ipunzi ukutlola isibalo.



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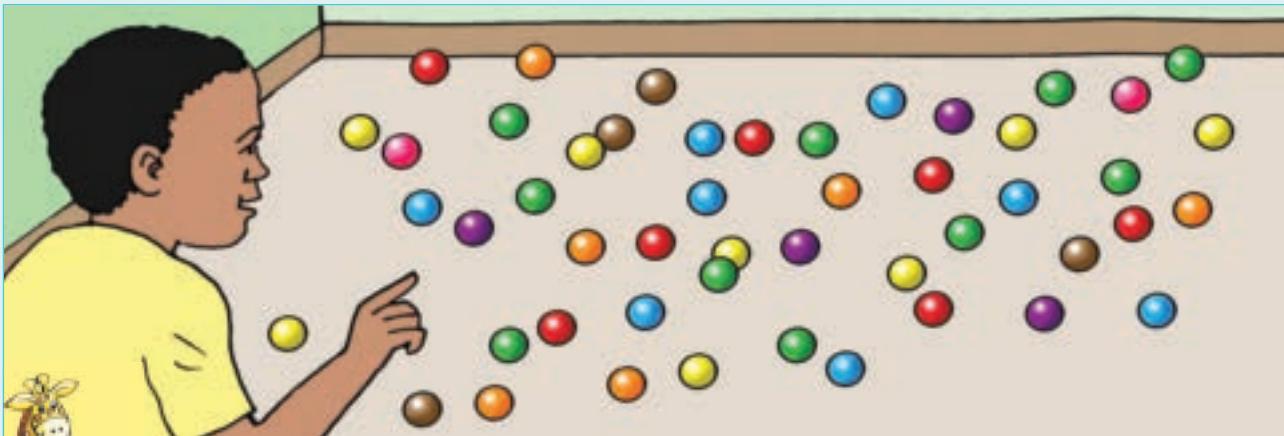
Ithemu |



Ilanga:

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## Ukukhupha nokuhlanganisa



Tlola isibalo  
somncamo.

Mingaki imincamo ebomvu lapho?


Mingaki imincamo ehlaza kwesibhakabhaka lapho?

Mingaki imincamo ehlaza satjani lapho?


Mingaki imincamo esalamune lapho?

Seyijoke mngaki  
umncamo  
nawuhlangeneko?


Mingaki imincamo esipiridzana lapho?



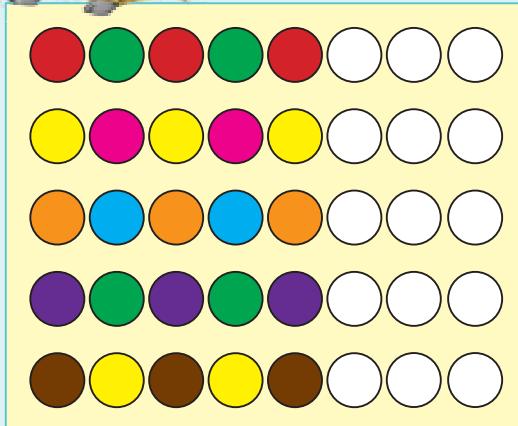
Tlola inani lomncamo ngokwemibala ehlukahlukenenko ngebhoksini elinembako  
bese uyahlanganisa.

obomvu	
osarulani	
o-salamune	
osipiridzana	
obhraweni	

ohlaza satjani	=	
opinki	=	
ohlaza kwesibhakabhaka	=	
ohlaza satjani	=	
osarulani	=	



Qedelela amaphetheni.





Sebenzisa imincamo ukuzalisa amabhoksi.

	$+$		$=$	15
8	$+$	2	$=$	
	$+$		$=$	
q	$+$		$=$	
q	$+$		$=$	
q	$+$		$=$	



Madanisa isithombe nesibalo bese unikela ipendulo.

	$-$	5	$=$	2
	$-$	4	$=$	3
	$-$	3	$=$	2
	$-$	4	$=$	2
	$-$	2	$=$	5



Tlola isibalo se.

	$-$	6	$=$	1
q	$-$	b	$=$	3
	$-$	6	$=$	1
q	$-$	b	$=$	3
	$-$	6	$=$	1
q	$-$	b	$=$	3

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## Amalanga, iimveke neenyanga

uMvulo	uTjhirkweni	uMhlolanja	uNtaka
uLesibili			
uLesithathu	uSihlabantangana	uMrhayili	uMgwengweni
uLesine			
uLesihlanu	uVelabahlinze	uRhoboyi	uKhukhulamungu
uMgcibelo			
uSondo	uSewula	uSinyikhaba	uNobayeni

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 noMgqibelo? \_\_\_\_\_

\_\_\_\_\_

Phendula imibuzo elandelako ngeenyanga.

Ngiyiphi inyanga eza ngemva kwakaSihlabantangana? \_\_\_\_\_

Ngiyiphi inyanga eza ngemva koMgwengweni? \_\_\_\_\_

Ngiyiphi inyanga eza hlangana koRhoboyi noSewula? \_\_\_\_\_

Ngiziphi iinyanga eziza hlangana noTjhirkweni noMgwengweni? \_\_\_\_\_

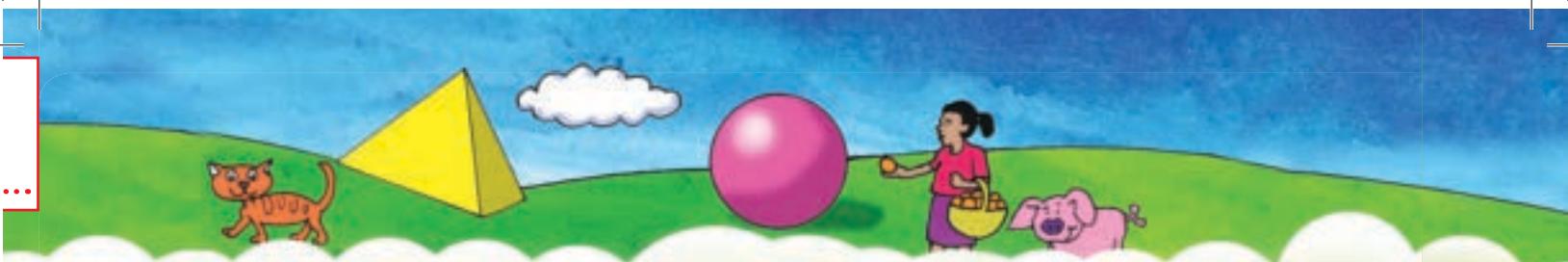
Ngiyiphi inyanga yokuthoma emnyakeni? \_\_\_\_\_

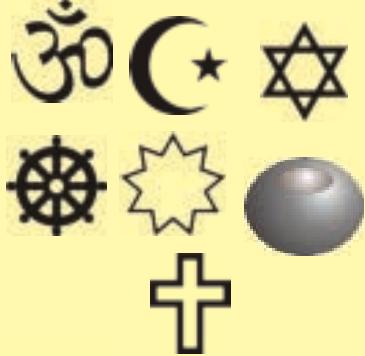
Ngiyiphi inyanga yamaswaphela emnyakeni? \_\_\_\_\_

Ilanga:

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

UTjhirkweni	UMhlolanja	UNtaka
USihlabantangana	UMrhayili	UMgwengweni
UVelabahlinze	URhoboyi	UKhukhulamungu
USewula	USinyikhaba	UNobayeni



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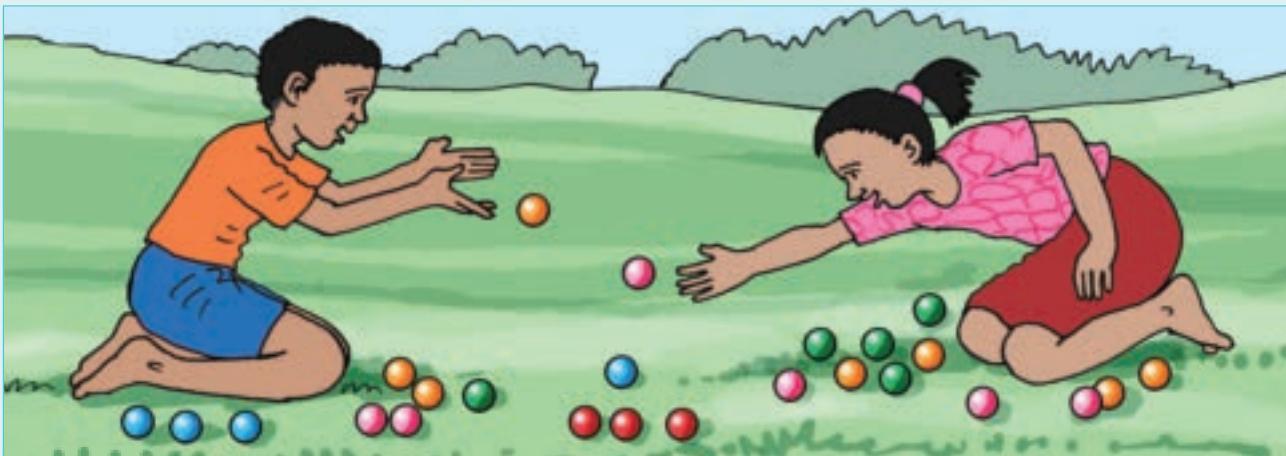
# 23a

Ithemu |



Ilanga:

## Ukuhlanganisa



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

**abomvu**

**ahlaza kwasibhakabhaka**

**3**

**4**

**ahlaza satjani**

**ahlaza kwasibhakabhaka**




**apinki**

**ahlaza kwasibhakabhaka**




**ahlaza satjani**

**a-orontji**




**abomvu**

**ahlaza satjani**




**a-orontji**

**ahlaza kwasibhakabhaka**




Hlanganisa.

$3 + 2 = \boxed{\phantom{00}}$

$4 + 6 = \boxed{\phantom{00}}$

$9 + 3 = \boxed{\phantom{00}}$

$6 + 5 = \boxed{\phantom{00}}$

$7 + 8 = \boxed{\phantom{00}}$

$8 + 4 = \boxed{\phantom{00}}$

$9 + 5 = \boxed{\phantom{00}}$

$8 + 6 = \boxed{\phantom{00}}$

$7 + 4 = \boxed{\phantom{00}}$

$9 + 9 = \boxed{\phantom{00}}$

$7 + 5 = \boxed{\phantom{00}}$

$8 + 8 = \boxed{\phantom{00}}$

$7 + 6 = \boxed{\phantom{00}}$

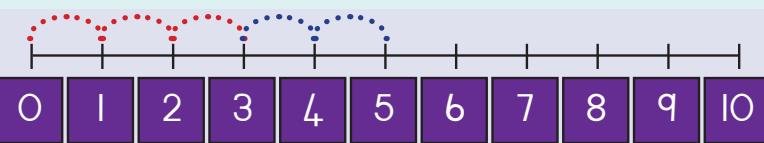
$9 + 6 = \boxed{\phantom{00}}$

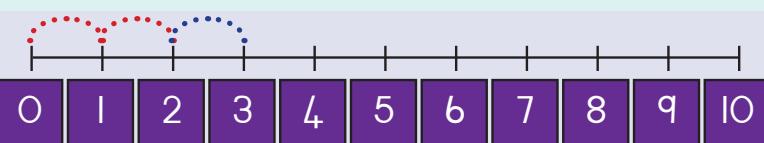
$7 + 7 = \boxed{\phantom{00}}$

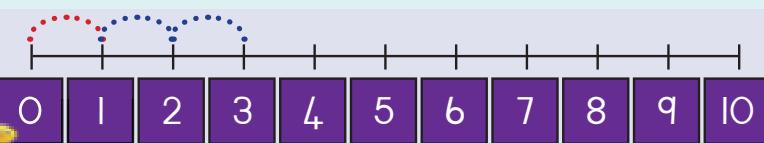


Tlola inani le.

  $2 + 3 = 5$

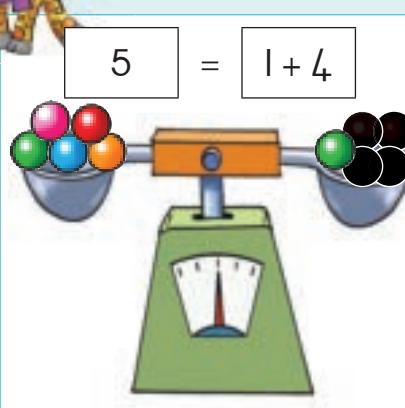
  $\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

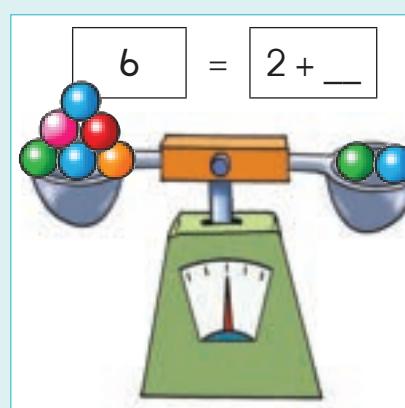
  $\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

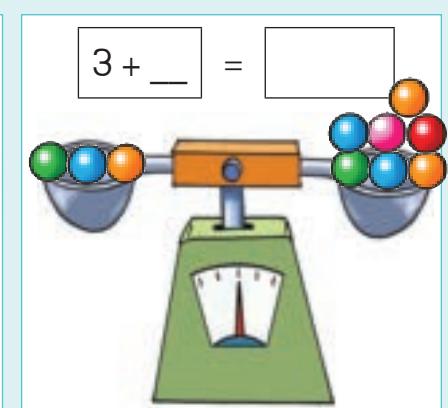
  $\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

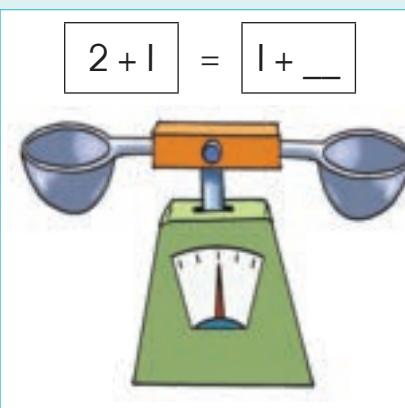


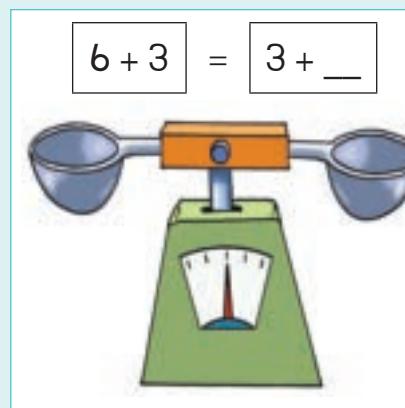
Hlanganisa umncamo ukuze undzindzise isikala ngokulinganako. Yokuthoma selesikwenzele.

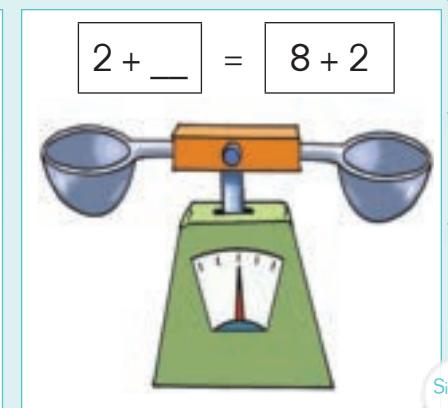
  $5 = 1 + \boxed{\phantom{0}}$

  $6 = 2 + \boxed{\phantom{0}}$

  $3 + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

  $2 + 1 = 1 + \boxed{\phantom{0}}$

  $6 + 3 = 3 + \boxed{\phantom{0}}$

  $2 + \boxed{\phantom{0}} = 8 + 2$



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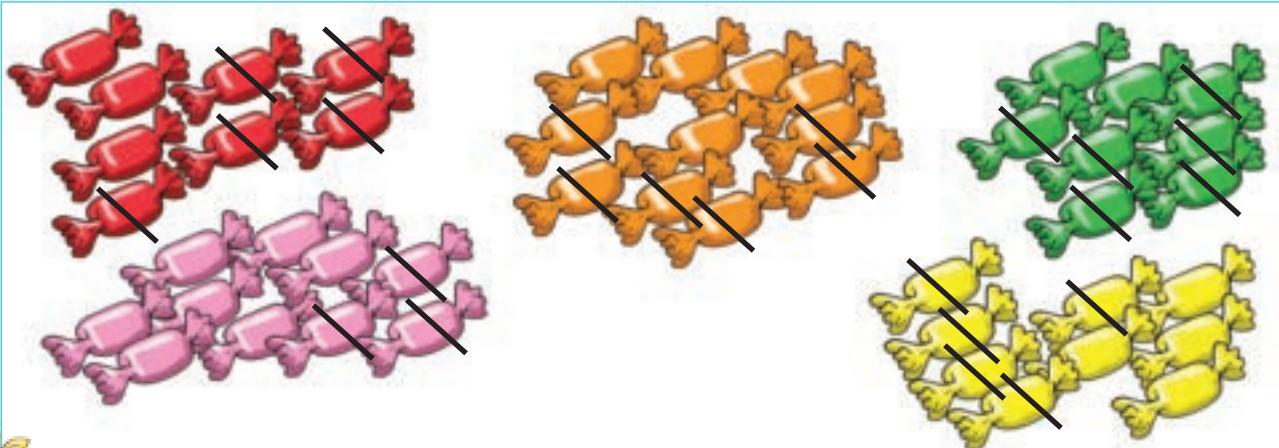
# 23b

Ithemu |



Ilanga:

## Ukukhupha



Qala esithombeni bese utlola ithothali kakhupha.

amaswidi abomvu =  8 -  5 =  3

amaswidi ahlaza satjani =  -  =

amaswidi asarulani =  -  =

amaswidi a-salamune =  -  =

amaswidi apinki =  -  =



Khupha.

$5 - 3 = \boxed{\phantom{00}}$

$10 - 6 = \boxed{\phantom{00}}$

$12 - 3 = \boxed{\phantom{00}}$

$11 - 5 = \boxed{\phantom{00}}$

$15 - 7 = \boxed{\phantom{00}}$

$12 - 4 = \boxed{\phantom{00}}$

$14 - 9 = \boxed{\phantom{00}}$

$14 - 8 = \boxed{\phantom{00}}$

$11 - 4 = \boxed{\phantom{00}}$

$18 - 9 = \boxed{\phantom{00}}$

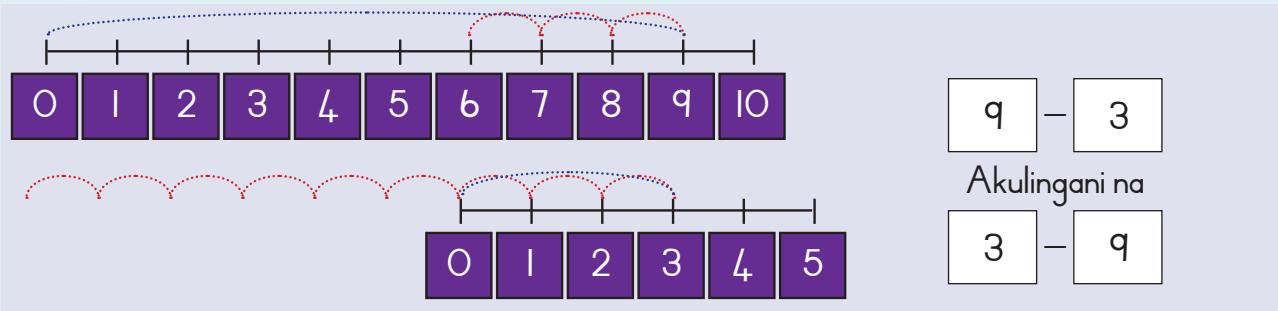
$12 - 5 = \boxed{\phantom{00}}$

$16 - 8 = \boxed{\phantom{00}}$

$13 - 7 = \boxed{\phantom{00}}$

$15 - 6 = \boxed{\phantom{00}}$

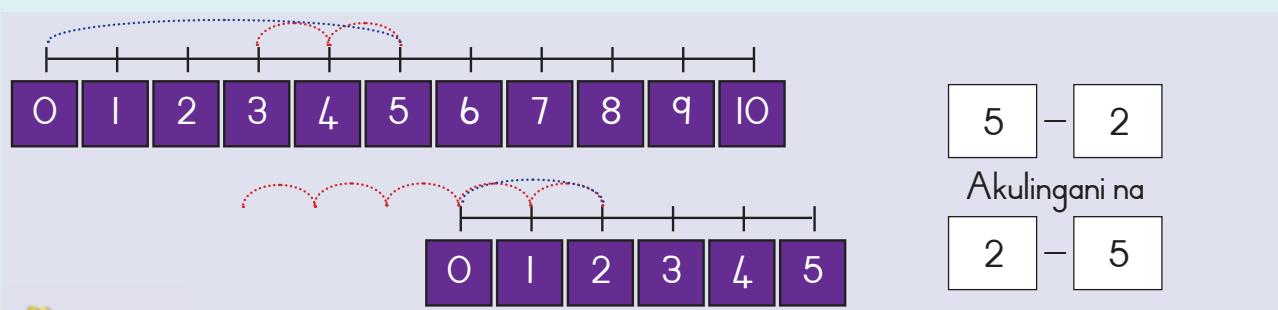
$14 - 7 = \boxed{\phantom{00}}$



$$9 - 3$$

Akulingani na

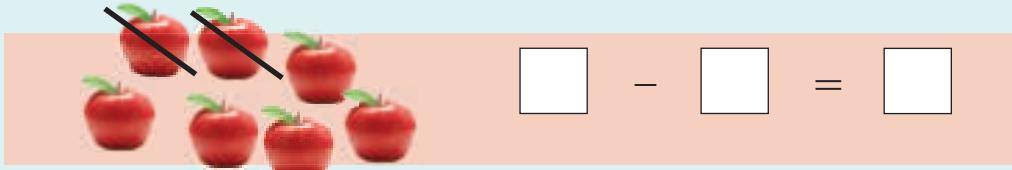
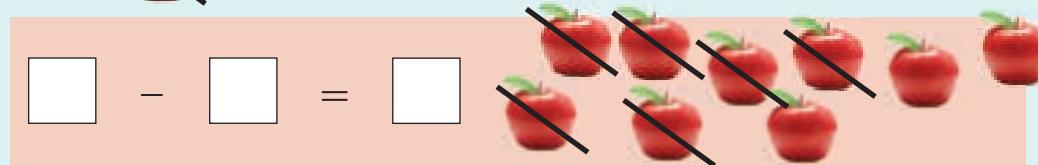
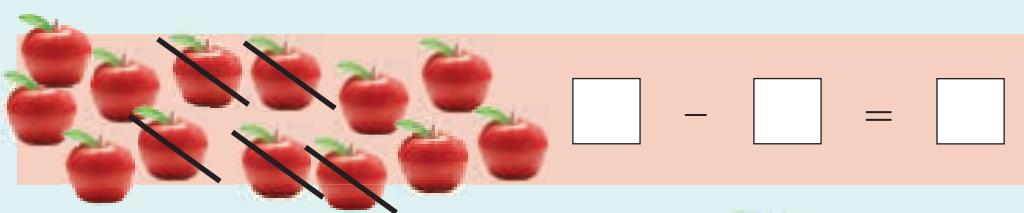
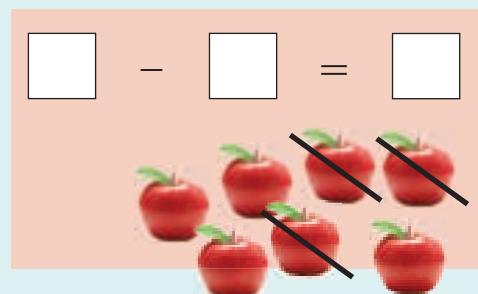
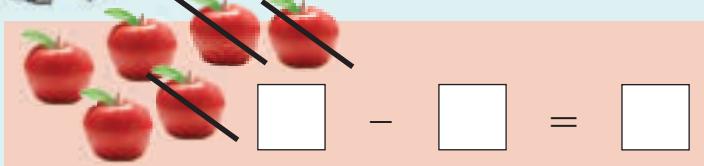
$$3 - 9$$



$$5 - 2$$

Akulingani na

$$2 - 5$$



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Date:

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Ithemu I



Ilanga:

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## Okhunye ukuhlanganisa

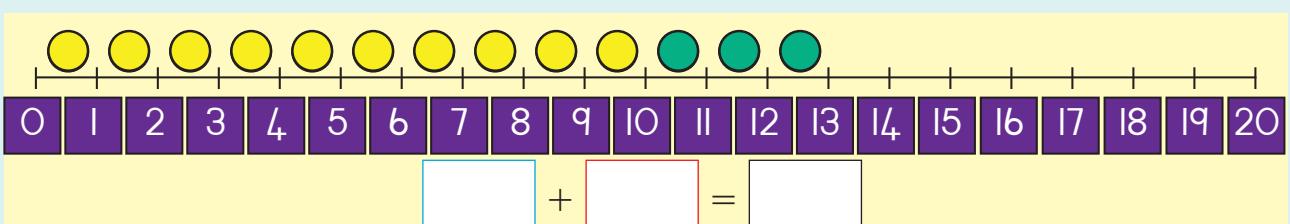
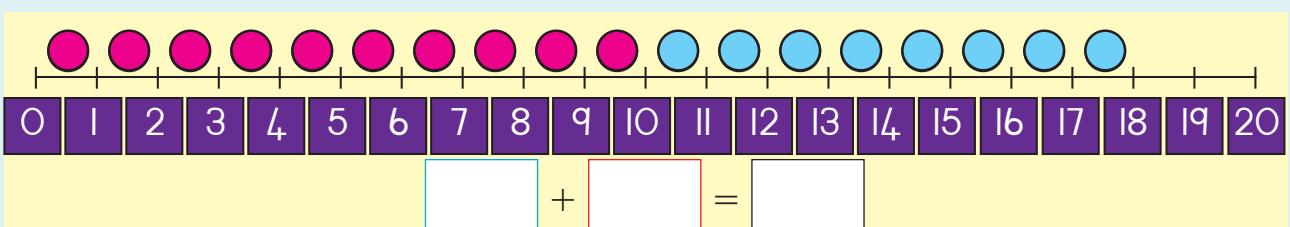
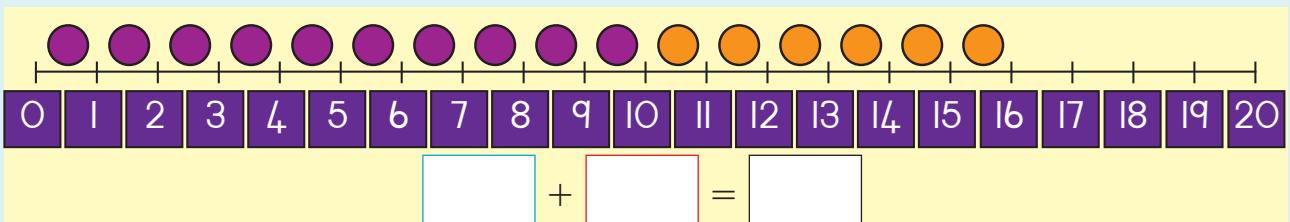
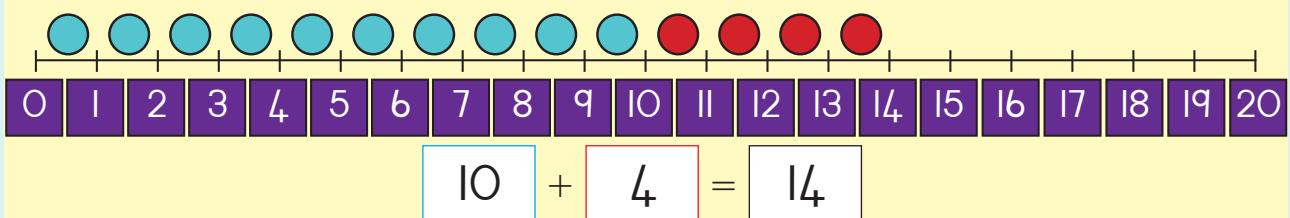
Hlanganisa iinomboro ngebhlogweni ngalinye bese utlola inani elipheleleko.

2	8	7	5	3
10	10	10	10	10

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Sebenzisa inambalayini. Tlola isibalo sokukhupha. Qala isibonelo.





Ukukhupha.

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



Hlanganisa.

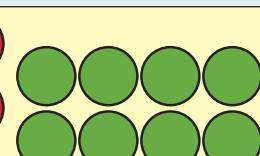
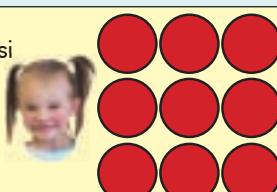
$16 + 13$			$14 + 12$		
$10 + 10 = 20$	$10 + 10 =$	$6 + 3 = 9$	$10 + 10 =$	$4 + 2 =$	$\square + \square = \square$
$16 + 13 = 29$	$\square + \square = \square$		$\square + \square = \square$	$\square + \square = \square$	

$17 + 11$			$15 + 13$		
$10 + 10 =$	$10 + 10 =$	$7 + 1 =$	$10 + 10 =$	$5 + 3 =$	$\square + \square = \square$
$\square + \square = \square$					

$16 + 12$			$18 + 12$		
$10 + 10 =$	$10 + 10 =$	$6 + 2 =$	$10 + 10 =$	$8 + 2 =$	$\square + \square = \square$
$\square + \square = \square$					



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



Yini inani leembalisi?



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Date:

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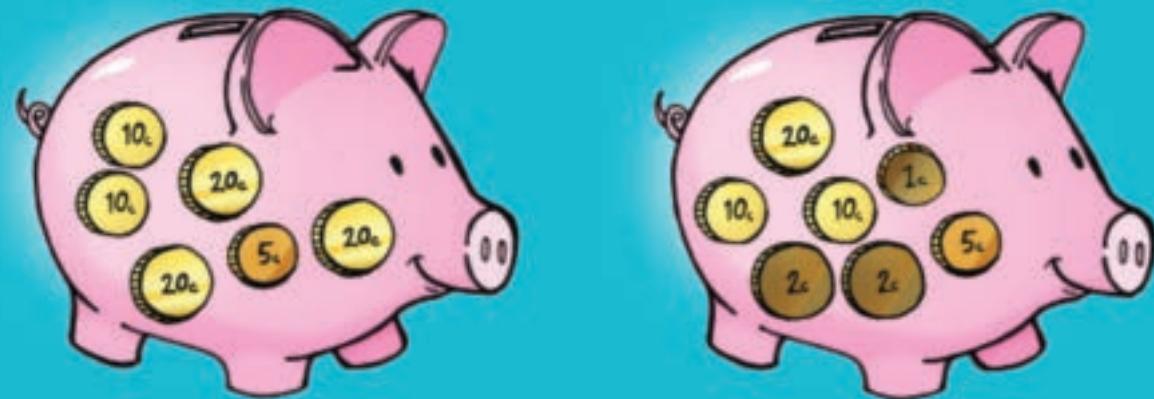
Ithemu |



Ilanga:

## Imali

Yini engaphakathi kwebhanga yami yefarigana?

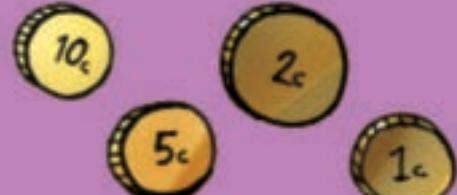


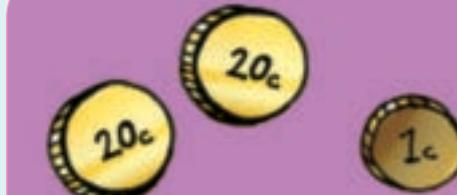
Sika imali emumuwa kuSika-3 bese ujinamathisela inani elifaneleko endaweni enembako.



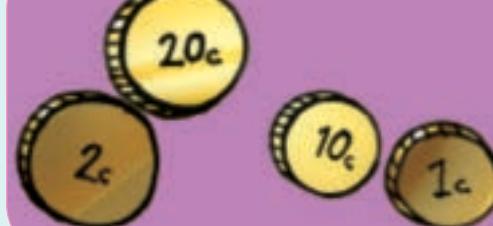


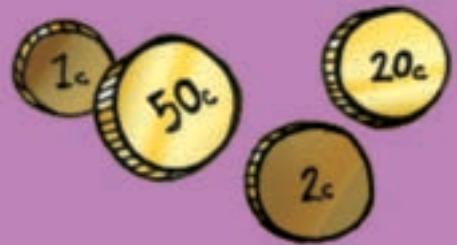
Mangaki amasende?

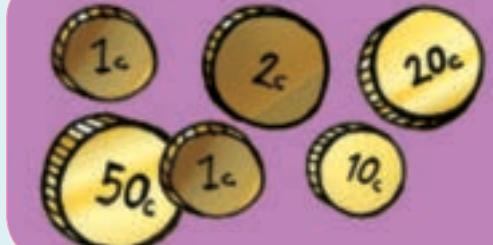














Imbalo zamagama:

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

USuzi unamalini sele iyokeye?



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

# 26

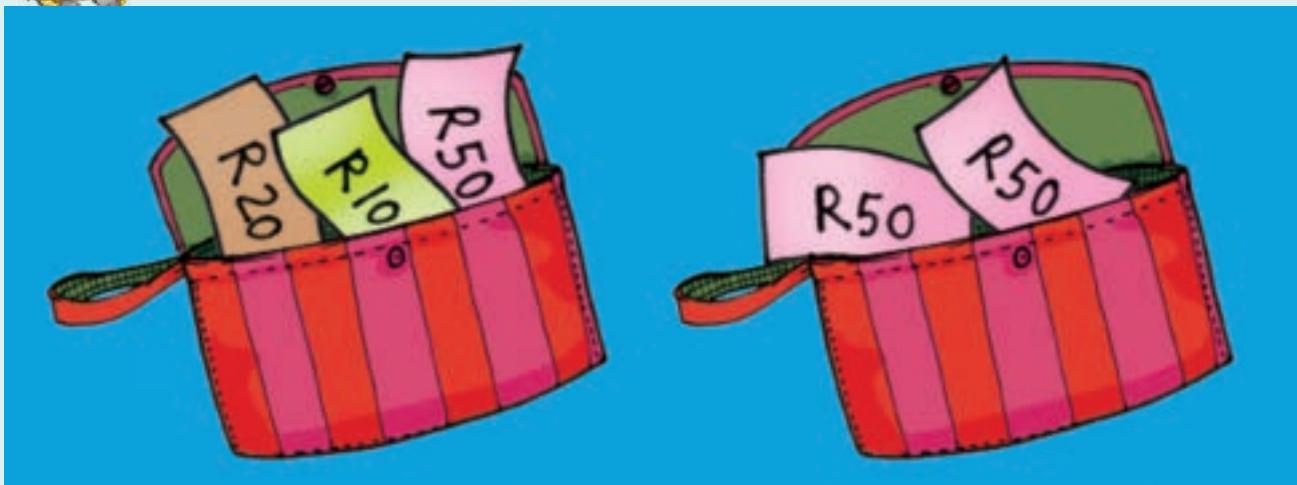
Ithemu |



## Imali yamaphepha

Yimalini imali engephesen'i yami?

Ilanga:



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





Maranda amangaki nasele awoke?

R10

R20

R10

R20

R20

R20

R20

R50

R20

R10

R20

R20

R20

R20

R10

R50

R20

R20

R50



Imbalo zamagama:

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



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

Teacher:

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Ilanga:

## Amaphetheni



Wahla iphetheni.

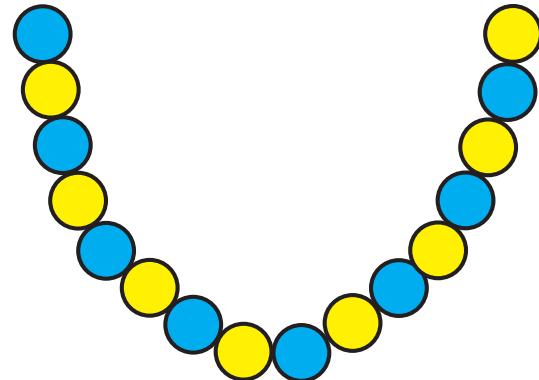
wahla      wahla



wahla      wahla



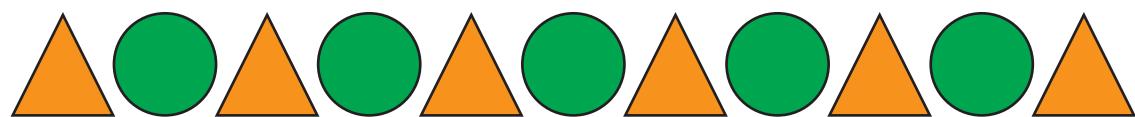
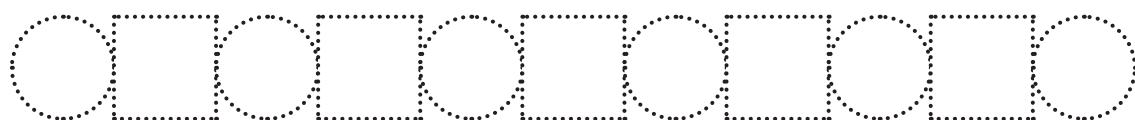
Kopulula amaphetheni. Sebenzisa usika wesi - 4.



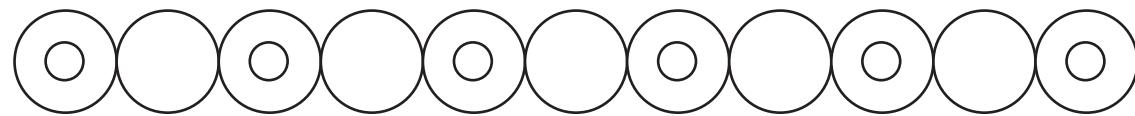
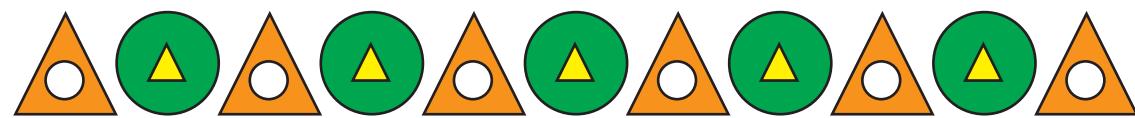
Yenza isithombe sakho ngomncamo oseleko. Sebenzisa usika wesi - 4.



Kopulula amaphetheni alandelako.



Kopulula amaphetheni.



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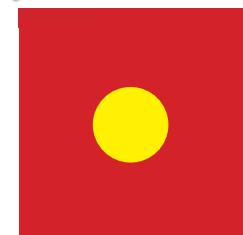


Ilanga:

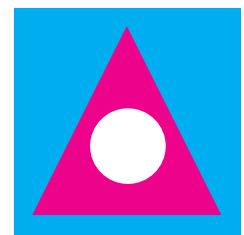
## Amanye amaphetheni



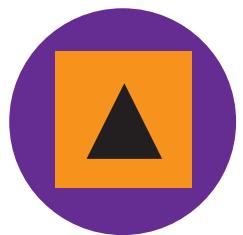
Hlathulula iphetheni ngayinje ngamagama. Amagama angenzasi kungenzeka akusize.



uncazine



isikwere



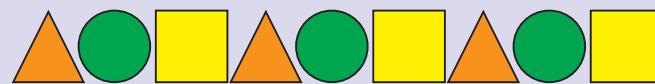
uncantathu



imibala



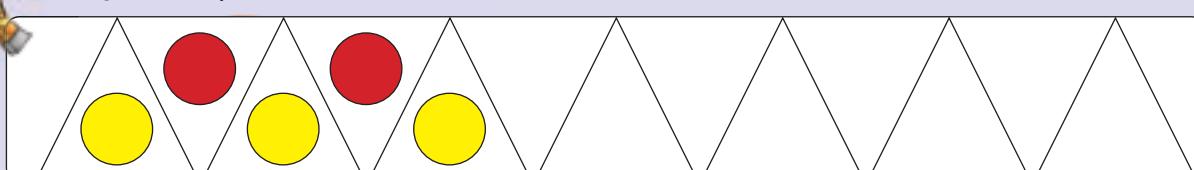
Khetha bese ukhalara iphetheni elandelako.



Gwala iphetheni elandelako.



Ngezelela iphetheni.

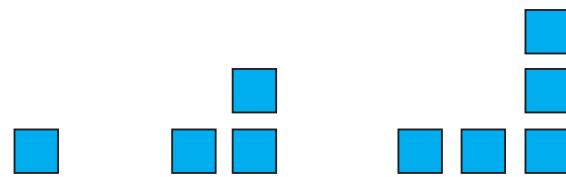




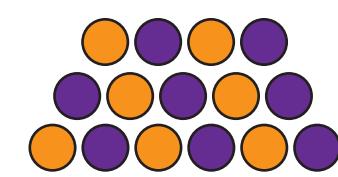
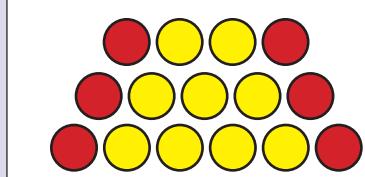
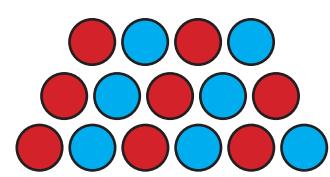
Gwala amaphetheni wakho ngokusebenzisa



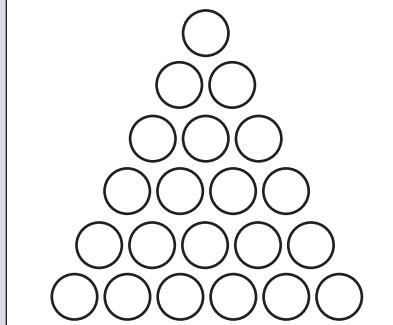
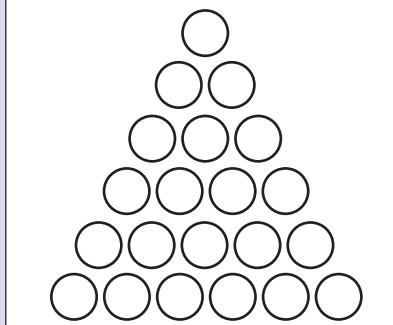
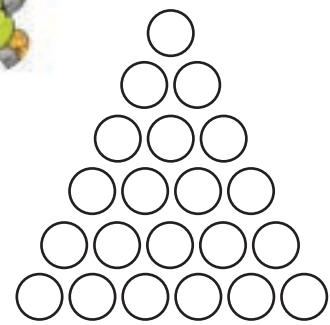
Gwala iphetheni elandelako.



Qedelela okulandelako wenzele kobana ube nendulungu yinye kwaphela ngaphezulu.



Yenza amaphetheni wombala wakho ngokusebenzisa amabumbeko angenzasi.



Teacher:

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Date:

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Ithemu |



Ilanga:

.....

## Ukubuyabuyeleta: $\times 2$

Mangaki amaswidi asethebuleni ngajinye?

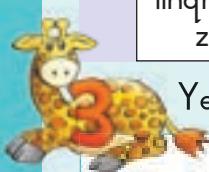


Uwabale njani amaswidi?  
(Abanye abentwana bangathi  
1,2,3... abanye bangathi 2,4,6...)

Qedeleta okulandelako. Qala isibonelo.

	iinqhemha ezi-4 zangaba-2	$2 + 2 + 2 + 2 = 8$	$4 \times 2 = 8$
	iinqhemha ezi-5 zangaba-2	$2 + 2 + 2 + 2 + 2 =$	$5 \times 2 =$
	iinqhemha ezi-6 zangaba-2	$2 + 2 + 2 + 2 + 2 + 2 =$	$6 \times 2 =$
	iinqhemha ezi-7 zangaba-2	$2 + 2 + 2 + 2 + 2 + 2 + 2 =$	$7 \times 2 =$
	iinqhemha ezibu-8 zangaba-2	$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =$	$8 \times 2 =$

Yenza umgwalo wokulandelako.



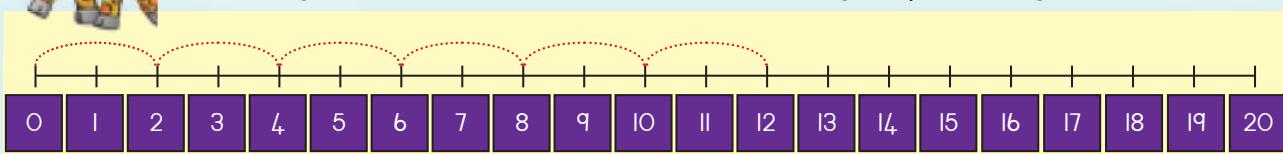
iinqhemha ezi-3 zangaku-2

iinqhemha ezi-4 zangaku-2

iinqhemha ezi-9 zangaku-2



Gwala umgwalo walokhu okulandelako bese uzalisa ngeempendulo ngenzasi.



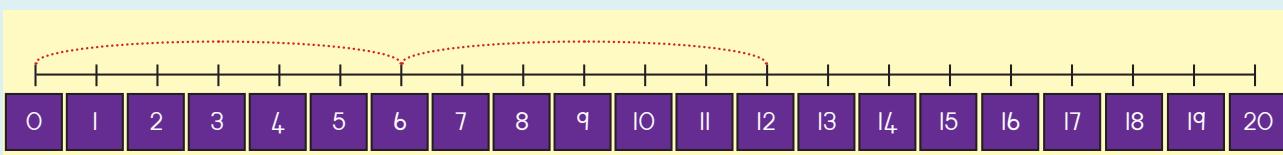
2, 4, 6, 8, \_\_\_, \_\_\_

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

$$\text{iinqhemha ezi-}6 \text{ zangaba-}2 = \boxed{\phantom{00}}$$

$$6 \times 2 = \boxed{\phantom{00}}$$

Umgwalo



6, \_\_\_, \_\_\_

$$6 + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\text{iinqhemha ezi-}2 \text{ zangaba-} \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

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

Umgwalo



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



2 4 6 8 10 12 14

16 18 20 22 24 26



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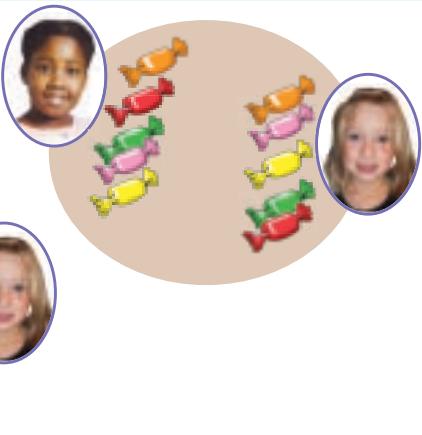
Ithemu |



## Ukubuyabuyeleta: $\times 5$

Mangaki amaswidi asetheyibuleni ngayinye?

Ilanga:



Qedelela okulandelako: Qala isibonelo.



iinqhemha ezi-3 zangaku-5

$$5 + 5 + 5 = 15$$

$$3 \times 5 = 15$$



iinqhemha ezi-2 zangaku-5

$$5 + 5 =$$

$$2 \times 5 =$$



iinqhemha ezi-4 zangaku-5

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

$$4 \times 5 =$$



iinqhemha ezi-5 zangaku-5

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

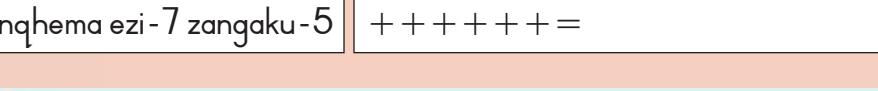
$$5 \times 5 =$$



iinqhemha ezi-6 zangaku-5

$$+ + + + + =$$

$$6 \times 5 =$$



iinqhemha ezi-7 zangaku-5

$$+ + + + + =$$

$$7 \times 5 =$$



Gwala umdwabo wokulandelako.

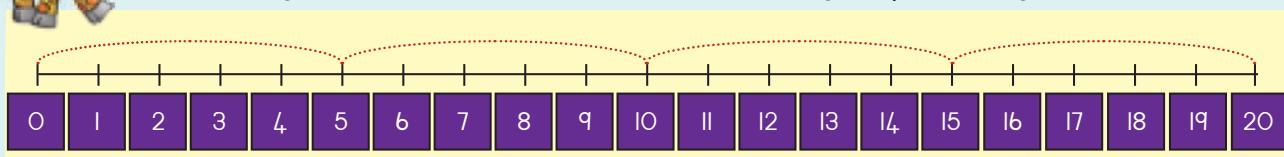
iinqhemha ezi-3 zangaku-5

iinqhemha ezi-4 zangaku-5

iinqhemha ezi-5 zangaku-5



Gwala umgwalo walokhu okulandelako bese uzalisa ngeempendulo ngenzasi.



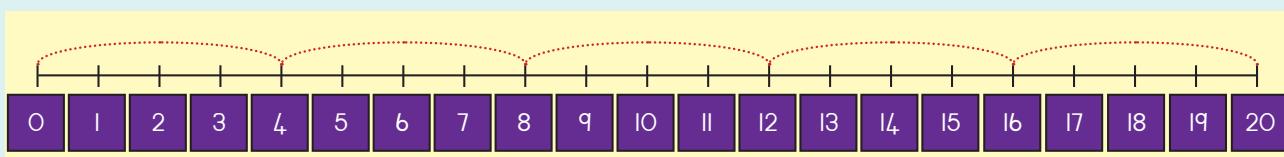
5, 10, 15, \_\_\_\_\_

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

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

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

Umgwalo



4, 8, 12, \_\_\_\_\_, \_\_\_\_\_

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

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

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

Umgwalo



5 10 15 20 25 30

35 40 45 50



Teacher:

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Date:

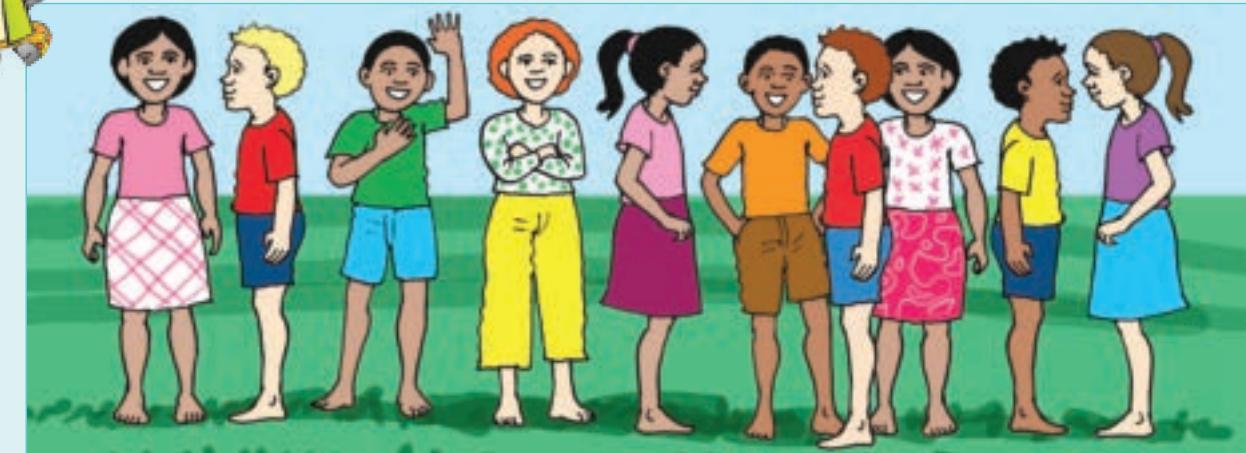
# 3I

Ithemu |



## Indatjana zokubuyabuyeleta

Yenza iindatjana yakho ngokusebenzisa isibalo esipheleleko seendlebe, izandla neenyawo.

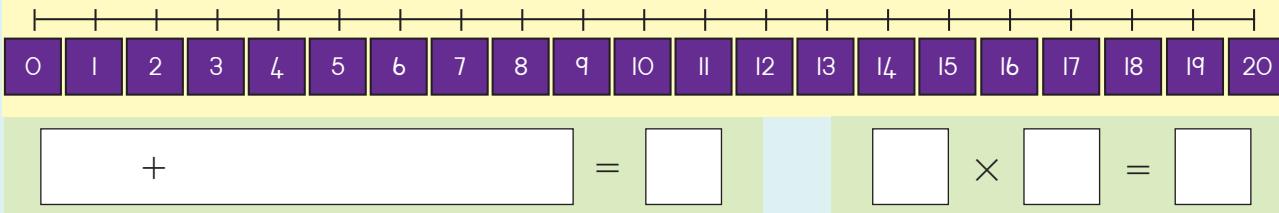


Sibangani abali-10. Sinezandla ezingaki?

Gwala umdwebo.

Kutjengise ngeembalisi.

Kutjengise kunambalayini.



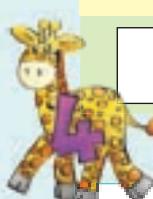
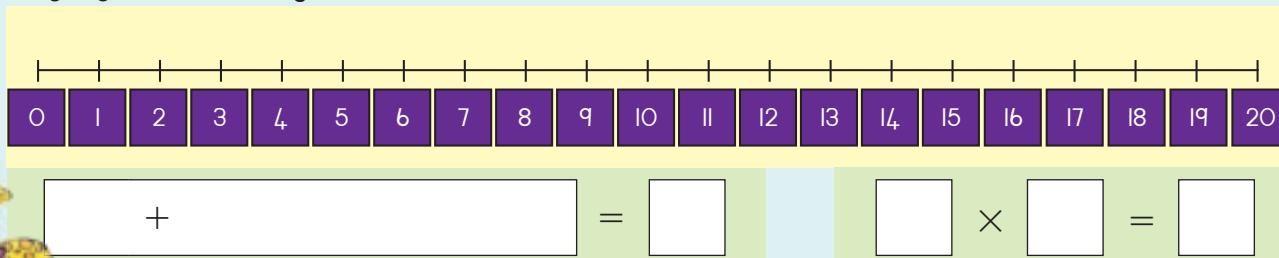


Umndeni ka Susan uneempara ezili - 10 zamanyathelo.  
Mangaki amanyathelo abanawo?

Gwala umdwebo.

Kutjengise ngeembalisi.

Kutjengise kunambalayini.



Tlola indatjana yakho ngokusebenzisa abentwana abasi - 6 nezandla zabo.

(This section contains four blank lines for writing.)



5 | 10 | 15 | 20 | 25 | 30 | 35



Teacher:

Sign:

Date:

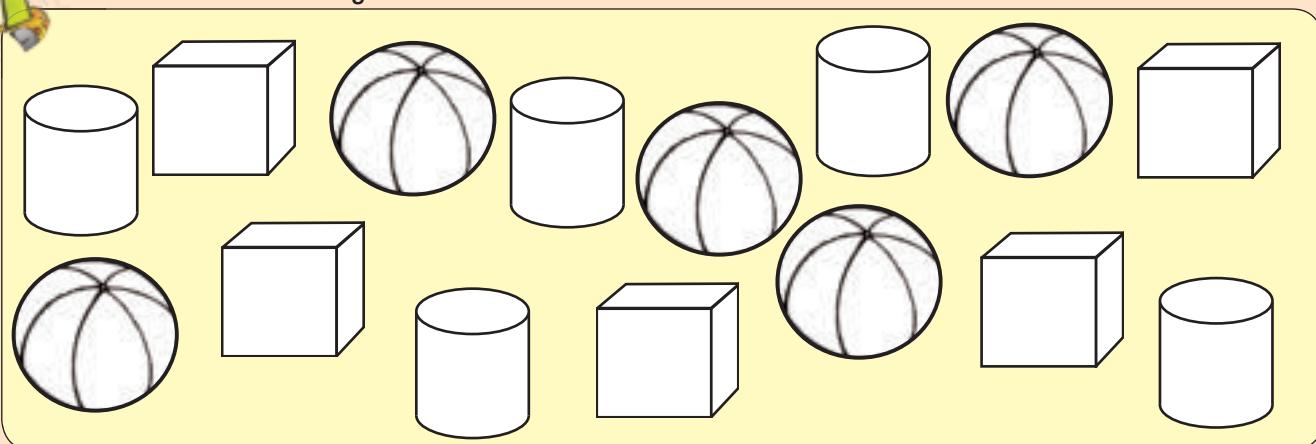
11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

## Izinto ezinobungakho obuthathu

Ilanga:



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



Khetha igama elifaneleko.

imiphetho ebunqopho

imiphetho  
ezombelezako

imiphetho ebunqopho

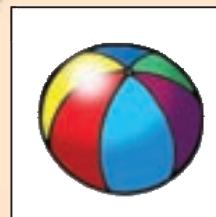
imiphetho  
ezombelezako

imiphetho ebunqopho

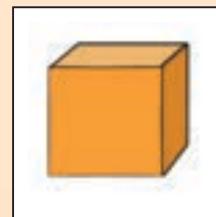
imiphetho  
ezombelezako



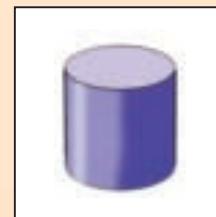
Itjho nakhibe into izokugedeka namkha izokutjhelela.



gedeka  
tjhelela



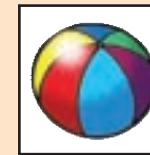
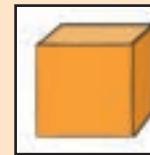
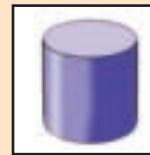
gedeka  
tjhelela



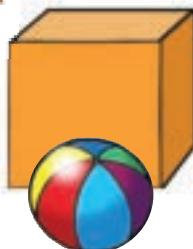
gedeka  
tjhelela



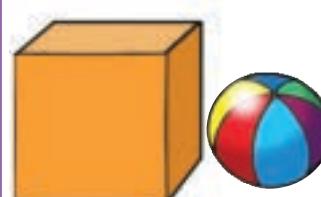
Kungaki okubonako ezintweni lezi ezisesithombeni: amasilinda, amabhoksi kunye neembholo.



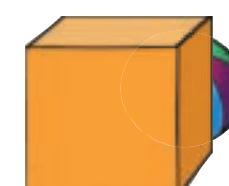
Ikuphi ibholo? Ngabe ingaphambili kwebhoksi? Nanyana ngehlangothini? Nanyana ngaphezulu?



ngaphambili \_\_\_\_\_  
ngehlangothini \_\_\_\_\_



ngaphambili \_\_\_\_\_  
ngehlangothini \_\_\_\_\_



ngaphambili \_\_\_\_\_  
ngehlangothini \_\_\_\_\_  
ngemuva \_\_\_\_\_  
phezulu \_\_\_\_\_



Teacher:

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Date:

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Ithemu 2

## Landelanisa bewulinganise iinomboro: 1–40



Ilanga:

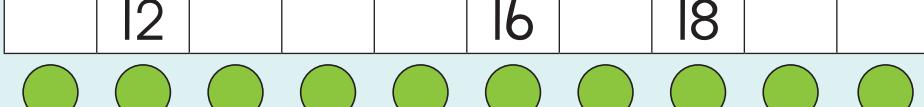
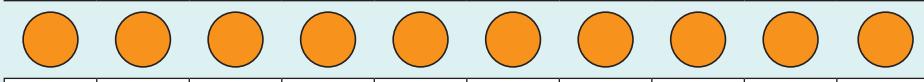
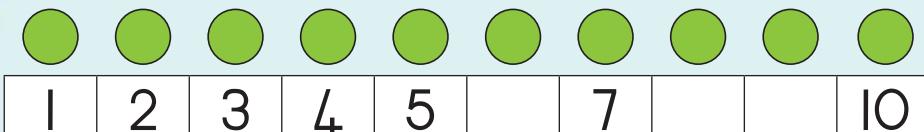
Ngubani onama - lamune amanengi?



Ngubani onama - apula amanengi?



Bala umncamo bese uzalise amabhoksi anganalitho.



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
II	I2	I3	I4	I5	I6	I7	I8	I9	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 ufade iinomboro  
ezingalinganiko umbala ohlaza satjani.

1	2	3	4	5	6	7	8	9	10
II	I2	I3	I4	I5	I6	I7	I8	I9	20
2I	22	23	24	25	26	27	28	29	30
3I	32	33	34	35	36	37	38	39	40
4I	42	43	44	45	46	47	48	49	50



Ngiyiphi inomboro engalinganiko eza ngemva kwe -10?

Ngiyiphi inomboro elinganako eza ngaphambi kwe -10?

Tlolaphasi iinomboro ezilinganako ezihangana kwe -14 nama -24?

Tlolaphasi iinomboro ezingalinganiko ezihangana koku -5 nokuli -15?

Ngiyiphi inomboro eza ngemva kwama -2I?

Ngiyiphi inomboro elinganako eza ngaphambi kwama -24?

Tlolaphasi iinomboro ezilinganako ezihangana kwama -20 nama -30?

Tlolaphasi iinomboro ezingalinganiko ezihangana kwama -20 nama -30?



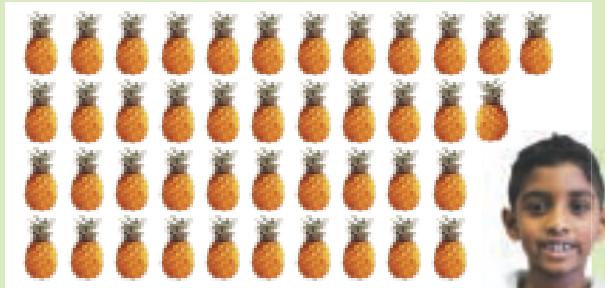
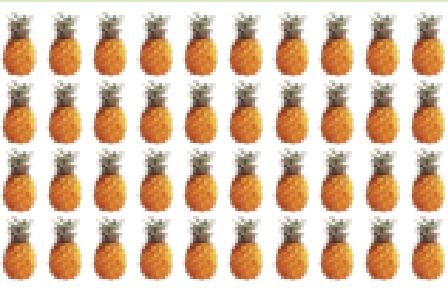
Teacher:

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Date:

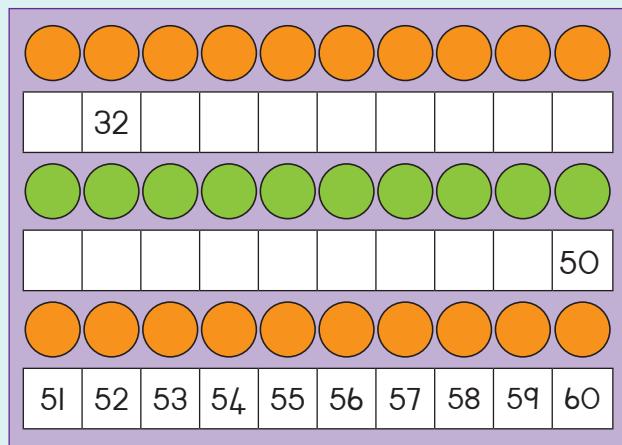
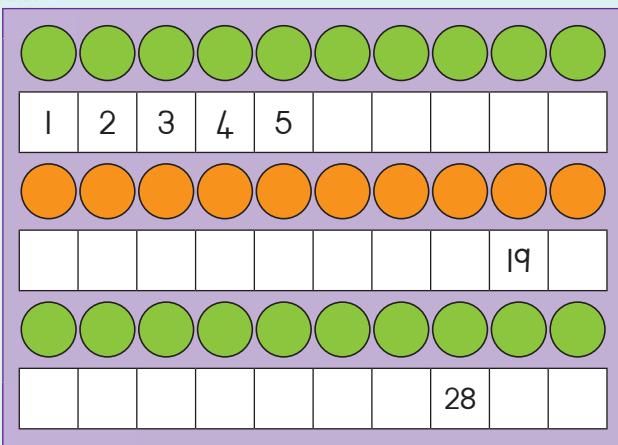
# 34

Ithemu 2

## Landelanisa begodu umadanise: 40 – 50



Bala umncamo bese uzalisa amabhoksi anganalitho.



Ngiyiphi inomboro encani kunaku -3?

Ngiyiphi inomboro ekulu kunama -31?

Ngiyiphi inomboro encani kunama -38?

Ngiyiphi inomboro encani kunama -47?



Faka iinomboro ezincani kunama - 40 umbala begodu nezikulu kunama - 36 ngombala ohlaza satjani.

30    31    32    33    34    35    36    37    38    39    40

Iinomboro ezincani kunama - 40.

Iinomboro ezikulu kunama - 36

--	--



Faka iinomboro ezilinganako umbala osarulani begodu ufade iinomboro ezingalinganiko umbala ohlaza satjani

40    41    42    43    44    45    46    47    48    49    50

Ngijiphi inomboro emswenya elandela ngemva kwama - 40?

--

Ngijiphi inomboro elinganako elandela ngemva kwama - 43?

--

Tlola inomboro elinganako ehlangana kwama - 40 nama - 50?

--

Tlola iinomboro ezimswenya ezihlangana kwama - 40 nama - 50?

--

Ngijiphi inomboro elinganako elandela ngemva kwama - 40?

--

Ngijiphi inomboro elinganako elandela ngemva kwama - 41?

--



Teacher:

Sign:

Date:

35

Ithemu 2

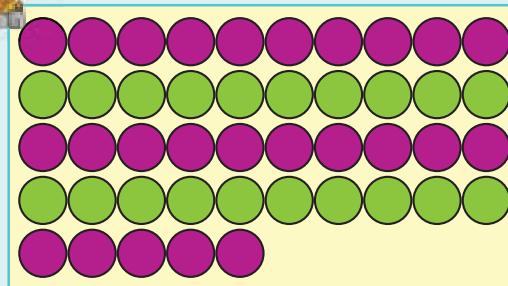


## Iinomboro 40 – 50

Ilanga:



Bala inani lomncamo?

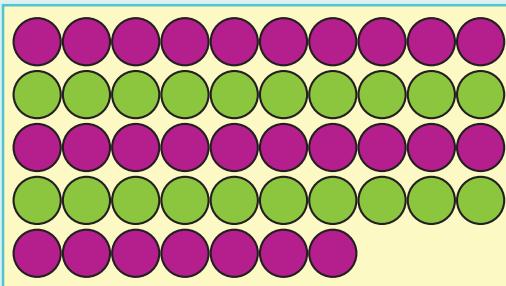


Inomboro

45

Singayitlola njenge

$$40 + 5 = 45$$



Inomboro

Singayitlola njenge

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

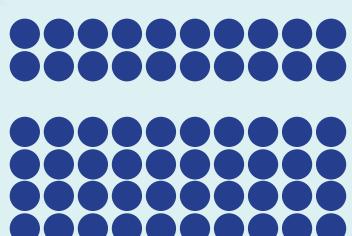


Qedelela okulandelako.

20	21	22						
30				34				
		42						



Qedelela okulandelako.



20



4

2 4





Tlola amagama we.

41 \_\_\_\_\_

42 \_\_\_\_\_

43 \_\_\_\_\_

44 \_\_\_\_\_

45 \_\_\_\_\_

46 \_\_\_\_\_

47 \_\_\_\_\_

48 \_\_\_\_\_

49 \_\_\_\_\_

50 \_\_\_\_\_



Qala esibonelweni sokuthoma bese uqedelela aseleko.

$$\begin{array}{rcl} 45 & = & \boxed{4} \text{amatjhumi} + \boxed{5} \text{amayunidi} \\ 43 & = & \boxed{\phantom{0}} \text{amatjhumi} + \boxed{\phantom{0}} \text{amayunidi} \\ 42 & = & \boxed{\phantom{0}} \text{amatjhumi} + \boxed{\phantom{0}} \text{amayunidi} \end{array}$$

$$\begin{array}{rcl} 44 & = & \boxed{\phantom{0}} \text{amatjhumi} + \boxed{\phantom{0}} \text{amayunidi} \\ 41 & = & \boxed{\phantom{0}} \text{amatjhumi} + \boxed{\phantom{0}} \text{amayunidi} \\ 48 & = & \boxed{\phantom{0}} \text{amatjhumi} + \boxed{\phantom{0}} \text{amayunidi} \end{array}$$



Tlola inomboro enembako ngaphakathi kwekholumu efaneleko.

	Amatjhumi	Amayunidi
27		
34		
46		
41		
39		



Teacher:

Sign:

Date:

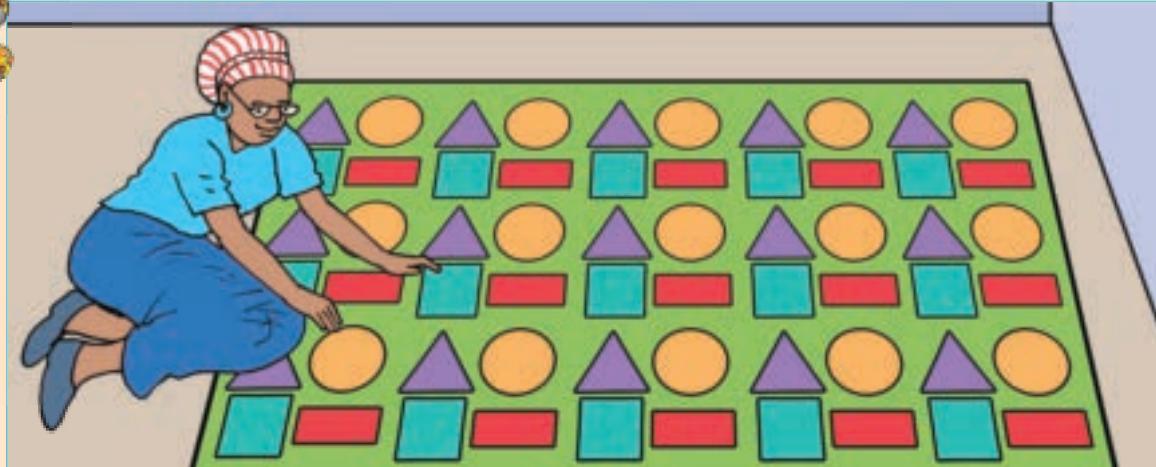
# 36

Ithemu 2

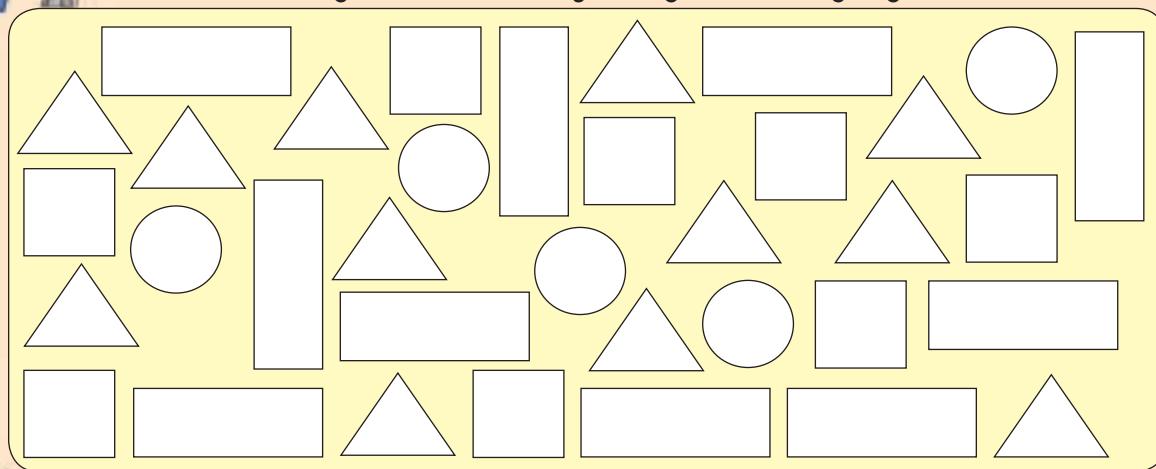


## Iinkwere, aboncazine, aboncantathu begodu neendulungu

Ugogo wenza isendlalo sombhede esihle khulu. Khomba woke amabumbeko.



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

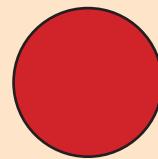


Khetha bese ukhala ipendulo enembako.



imiphetho ebunqophapha

imiphetho eyindulungu



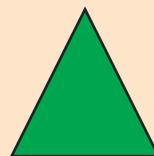
imiphetho ebunqophapha

imiphetho eyindulungu



imiphetho ebunqophapha

imiphetho eyindulungu

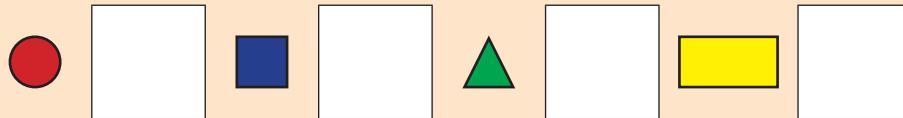
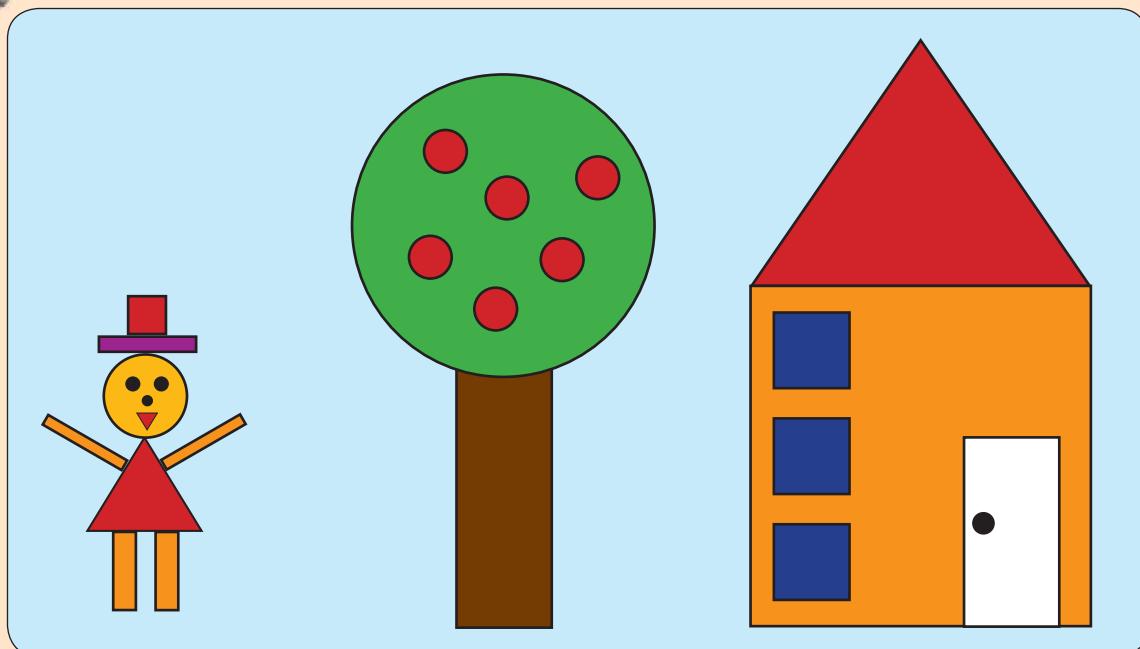


imiphetho ebunqophapha

imiphetho eyindulungu



Zingaki begodu namarekthengela owabalako?



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



Teacher:

Sign:

Date:

37

Ithemu 2



## Ukuhlanganisa nokukhupha ukufikela e - 20

Ukukhumbula masinyazana.

$4 + 5 - 1 =$

$10 + 3 + 2 =$

$9 - 4 - 3 =$

$14 - 6 + 4 =$

$13 - 9 + 2 =$

$9 + 3 - 2 =$

$18 - 9 - 4 =$

$12 - 5 - 2 =$

$20 - 7 + 1 =$

$8 - 2 - 1 =$

$7 + 8 + 1 =$

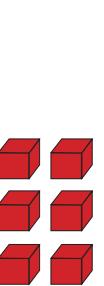
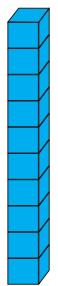
$19 - 10 + 5 =$

Ilanga:

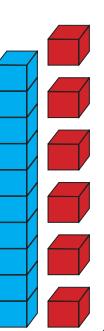
.....



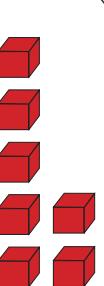
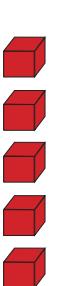
Hlanganisa okulandelako.



$= \boxed{1} \boxed{0} \quad \boxed{2} + \boxed{\phantom{0}} \quad \boxed{6}$ 
 $= \boxed{1} \boxed{0} + \boxed{8}$ 
 $= \boxed{1} \boxed{8}$



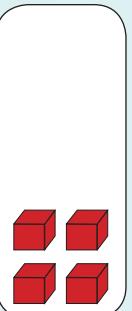
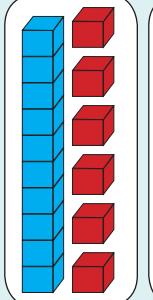
$= \boxed{\phantom{0}} \quad \boxed{\phantom{0}} + \boxed{\phantom{0}} \quad \boxed{\phantom{0}}$ 
 $= \boxed{\phantom{0}} + \boxed{\phantom{0}} \quad \boxed{\phantom{0}}$ 
 $= \boxed{\phantom{0}} + \boxed{\phantom{0}}$ 
 $= \boxed{\phantom{0}}$



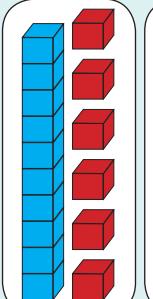
$= \boxed{\phantom{0}} + \boxed{\phantom{0}}$ 
 $= \boxed{\phantom{0}} + \boxed{\phantom{0}}$ 
 $= \boxed{\phantom{0}}$



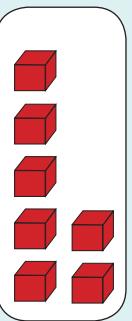
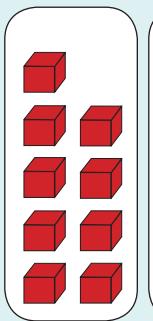
Khupha okulandelako.



$$\begin{aligned}
 &= 10 - 6 \\
 &= 10 - 2 \\
 &= 8
 \end{aligned}$$



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



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



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.

$20 + 2 - 1 =$


$36 - 6 + 2 =$


$42 - 2 + 4 =$


$47 + 4 - 1 =$


$30 + 3 + 6 =$


$42 + 9 - 1 =$


$33 - 2 - 1 =$


$49 - 1 + 2 =$


$55 - 5 - 0 =$


$38 - 7 - 1 =$


$45 + 1 + 2 =$


$50 - 5 + 3 =$


$24 - 3 + 2 =$

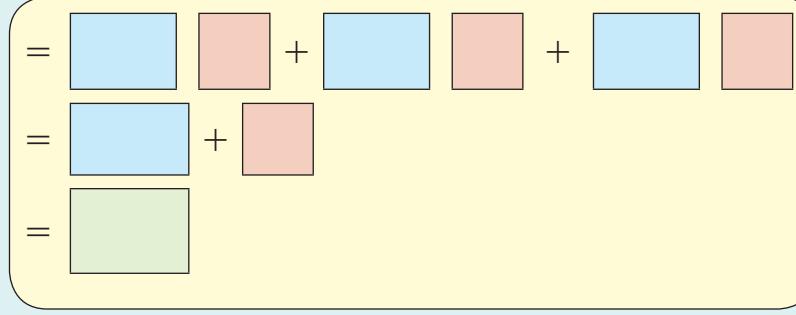
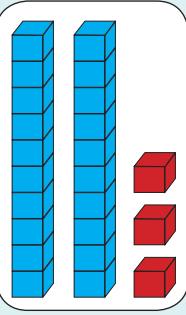
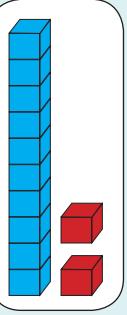
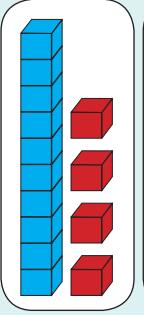
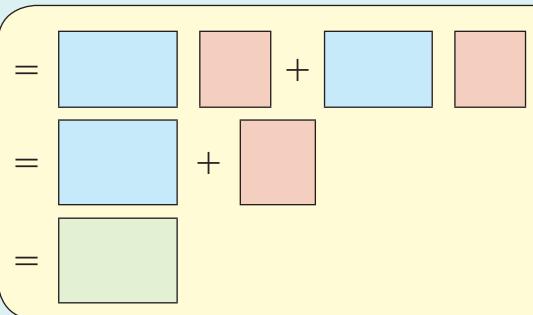
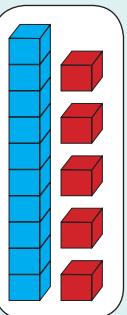
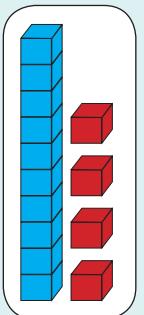

$32 - 5 - 2 =$


$49 - 10 + 1 =$


$29 + 5 - 4 =$



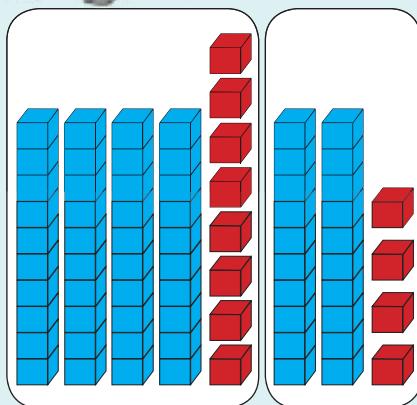

Hlanganisa okulandelako.



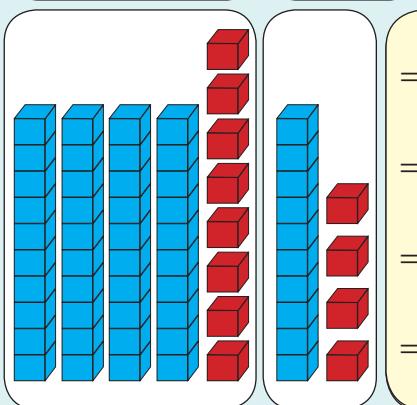
Kwanje linga ngeyakho indlela.



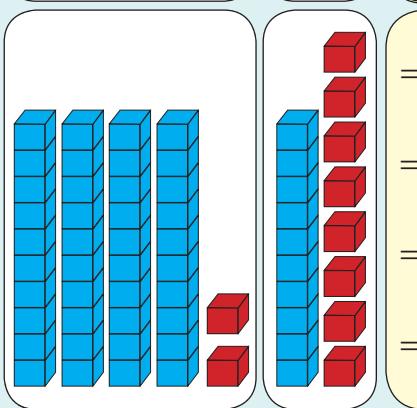
Khupha okulandelako.



$$\begin{aligned}
 &= \boxed{4} \ 0 \quad \boxed{8} - \boxed{2} \ 0 \quad \boxed{4} \\
 &= \boxed{4} \ 0 - \boxed{2} \ 0 + \boxed{8} - \boxed{4} \\
 &= \boxed{2} \ 0 + \boxed{4} \\
 &= \boxed{2} \ 4
 \end{aligned}$$



$$\begin{aligned}
 &= \boxed{\phantom{0}} \ 0 - \boxed{\phantom{0}} \ 0 - \boxed{\phantom{0}} \ 0 \\
 &= \boxed{\phantom{0}} \ 0 - \boxed{\phantom{0}} \ 0 + \boxed{\phantom{0}} \ 0 - \boxed{\phantom{0}} \ 0 \\
 &= \boxed{\phantom{0}} \ 0 + \boxed{\phantom{0}} \ 0 \\
 &= \boxed{\phantom{0}}
 \end{aligned}$$



$$\begin{aligned}
 &= \boxed{\phantom{0}} \ 0 - \boxed{\phantom{0}} \ 0 - \boxed{\phantom{0}} \ 0 \\
 &= \boxed{\phantom{0}} \ 0 - \boxed{\phantom{0}} \ 0 + \boxed{\phantom{0}} \ 0 - \boxed{\phantom{0}} \ 0 \\
 &= \boxed{\phantom{0}} \ 0 - \boxed{\phantom{0}} \ 0 \\
 &= \boxed{\phantom{0}}
 \end{aligned}$$



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

R2O      R5      R2  
RIO



Teacher:

Sign:  
Date:

Ilanga:

39a

Ithemu 2

## Ukuhlanganisa okungaphezulu

Hlanganisa iinomboro ngaphakathi kwelinye nelinye ibhoksi bese utlola inani elipheleleko.

1	10	5
10		

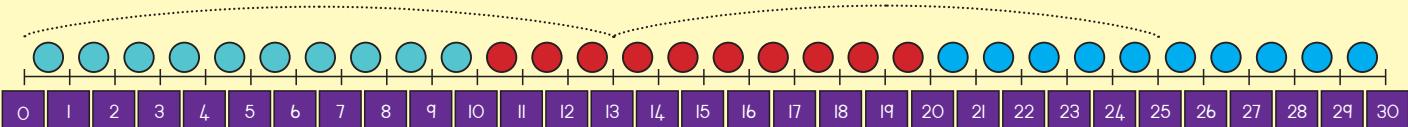
2	10	6
20		

3	20	5
20		

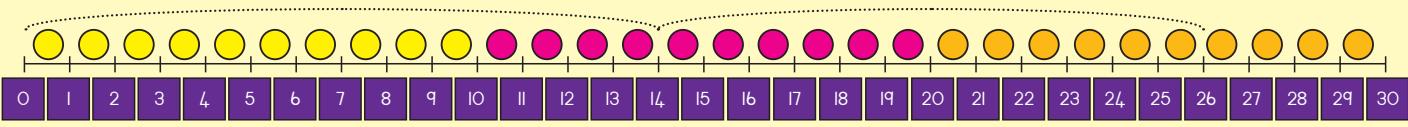
4	20	4
10		



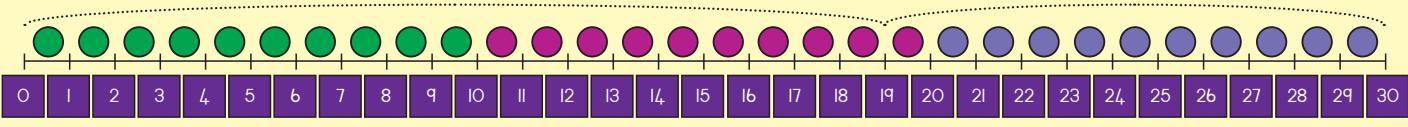
Hlanganisa.



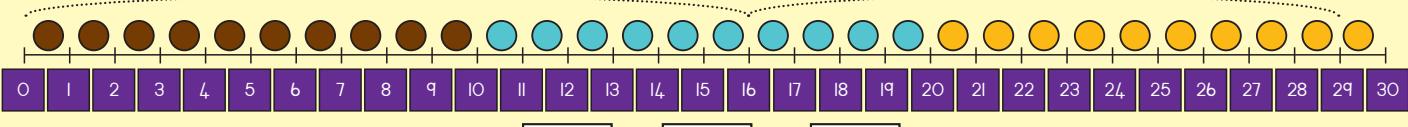
$$13 + 12 = \boxed{\quad}$$



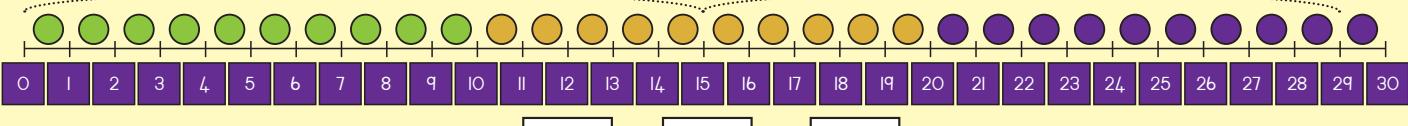
$$14 + 12 = \boxed{\quad}$$



$$19 + 11 = \boxed{\quad}$$



$$16 + 13 = \boxed{\quad}$$



$$15 + 14 = \boxed{\quad}$$



Hlanganisa.

### $12 + 11$

$$\begin{aligned}
 &= \boxed{1} \ \boxed{0} \quad \boxed{2} + \boxed{1} \ \boxed{0} \quad \boxed{1} \\
 &= \boxed{1} \ \boxed{0} + \boxed{1} \ \boxed{0} + \boxed{2} + \boxed{1} \\
 &= \boxed{2} \ \boxed{0} + \boxed{3} \\
 &= \boxed{2} \ \boxed{3}
 \end{aligned}$$

### $13 + 15$

$$\begin{aligned}
 &= \boxed{\text{light blue}} \quad \boxed{\text{pink}} + \boxed{\text{light blue}} \quad \boxed{\text{pink}} \\
 &= \boxed{\text{light blue}} + \boxed{\text{light blue}} + \boxed{\text{pink}} + \boxed{\text{pink}} \\
 &= \boxed{\text{light blue}} + \boxed{\text{pink}} \\
 &= \boxed{\text{orange}}
 \end{aligned}$$

### $26 + 12$

$$\begin{aligned}
 &= \boxed{\text{light blue}} \quad \boxed{\text{pink}} + \boxed{\text{light blue}} \quad \boxed{\text{pink}} \\
 &= \boxed{\text{light blue}} + \boxed{\text{light blue}} + \boxed{\text{pink}} + \boxed{\text{pink}} \\
 &= \boxed{\text{light blue}} + \boxed{\text{pink}} \\
 &= \boxed{\text{orange}}
 \end{aligned}$$

### $23 + 22$

$$\begin{aligned}
 &= \boxed{\text{light blue}} \quad \boxed{\text{pink}} + \boxed{\text{light blue}} \quad \boxed{\text{pink}} \\
 &= \boxed{\text{light blue}} + \boxed{\text{light blue}} + \boxed{\text{orange}} + \boxed{\text{orange}} \\
 &= \boxed{\text{light blue}} + \boxed{\text{orange}} \\
 &= \boxed{\text{orange}}
 \end{aligned}$$

### $24 + 13$

$$\begin{aligned}
 &= \boxed{\text{light blue}} \quad \boxed{\text{pink}} + \boxed{\text{light blue}} \quad \boxed{\text{pink}} \\
 &= \boxed{\text{light blue}} + \boxed{\text{orange}} \\
 &= \boxed{\text{orange}}
 \end{aligned}$$

### $35 + 12$

$$\begin{aligned}
 &= \boxed{\text{light blue}} \quad \boxed{\text{pink}} + \boxed{\text{light blue}} \quad \boxed{\text{pink}} \\
 &= \boxed{\text{light blue}} + \boxed{\text{pink}} \\
 &= \boxed{\text{orange}}
 \end{aligned}$$



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



Teacher:  
Sign:  
Date:

# 3qb

Ithemu 2

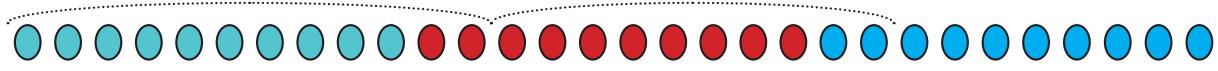
Ilanga:



## Ukuhlanganisa okungaphezulu (kuragela phambili)

Tlola inani elipheleleko.

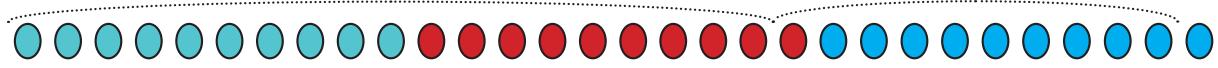
$$12 + 10 = \boxed{\quad}$$



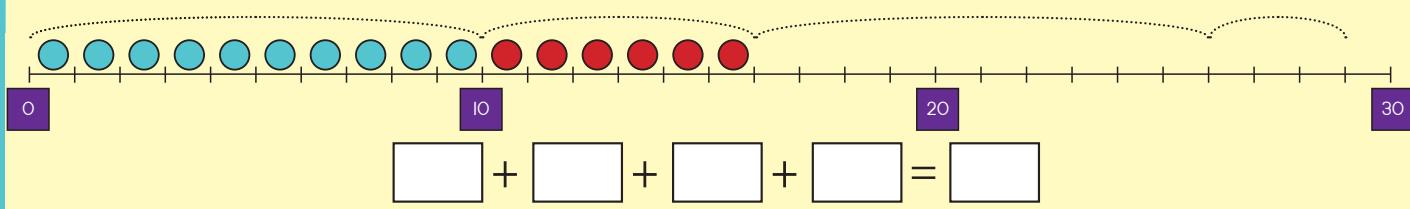
$$1 + 10 = \boxed{\quad}$$



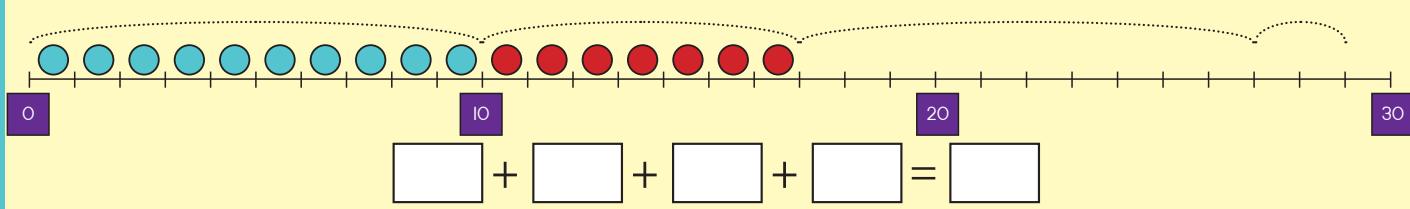
$$19 + 10 = \boxed{\quad}$$



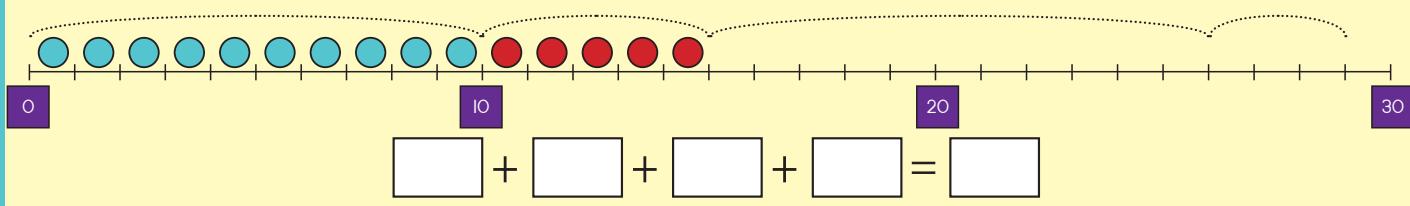
Gwala woke umncamo oseleko bese uqedelela iimbalo.



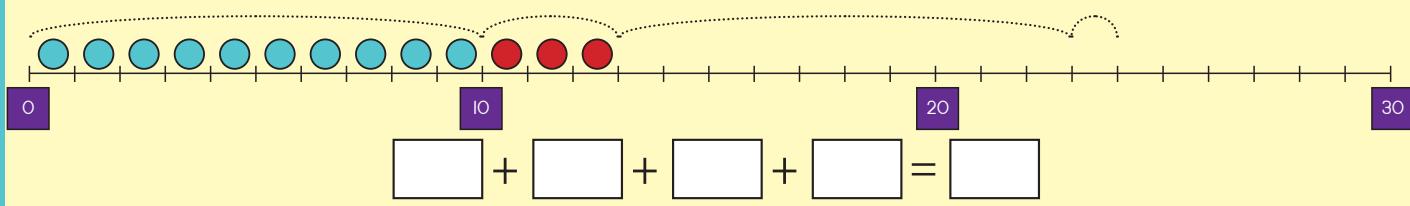
$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



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



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



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



Qedelela.

$$28 + 11 = 2\textcolor{red}{8} + 10 + 1 = 38 + 1 = 39$$

$$34 + 12 = 3\textcolor{red}{4} + 10 + 2 = \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$23 + 13 = 2\textcolor{red}{3} + 10 + 3 = \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$35 + 12 = 3\textcolor{red}{5} + 10 + 2 = \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$26 + 11 = 2\textcolor{red}{6} + 10 + 1 = \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Hlanganisa:

$$11 + 10 = \boxed{\phantom{0}}$$

$$23 + 10 = \boxed{\phantom{0}}$$

$$36 + 10 = \boxed{\phantom{0}}$$

$$28 + 10 = \boxed{\phantom{0}}$$

$$37 + 10 = \boxed{\phantom{0}}$$

$$12 + 10 = \boxed{\phantom{0}}$$

$$34 + 10 = \boxed{\phantom{0}}$$

$$29 + 10 = \boxed{\phantom{0}}$$

$$15 + 10 = \boxed{\phantom{0}}$$



Isibalo se-27 nesesi-16 sili?

Gwala isithombe ukutjengisa ipendulo yakho.



Tlola isibalo samagama wakho ngokusebenzisa iinthombe.



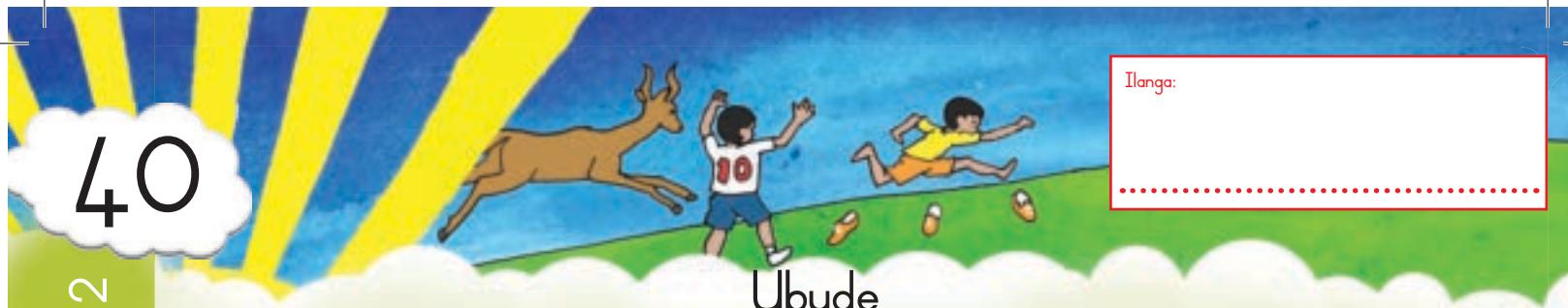
Teacher:

Sign:

Date:

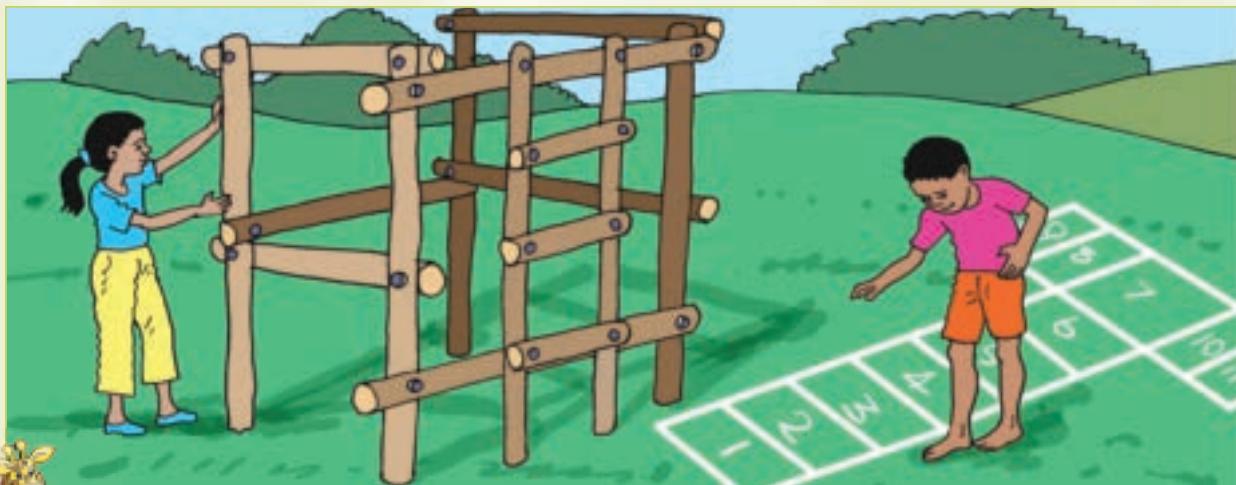
# 40

Ithemu 2

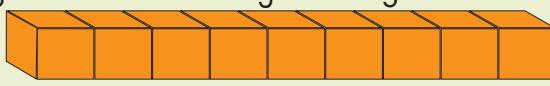


Ilanga:

Ubude

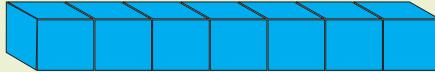


Khalara ipendulo enembako ukutjengisa kobana imida namakholumu made nanyana mafitjhani, mafitjhani nanyana made, made nanyana matsikani. khalara ipendulo yakho ngemibala efanako neyamabhlogo.



fitjhazana

ubude



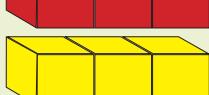
fitjhazana

ubude



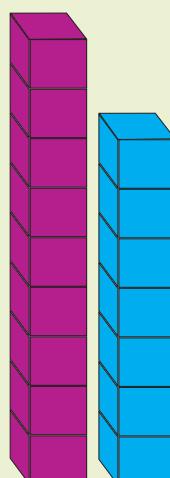
fitjhazana

ubude



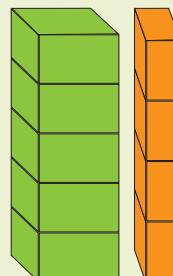
fitjhazana

edenyana



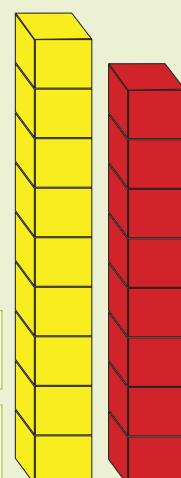
ede

edweni



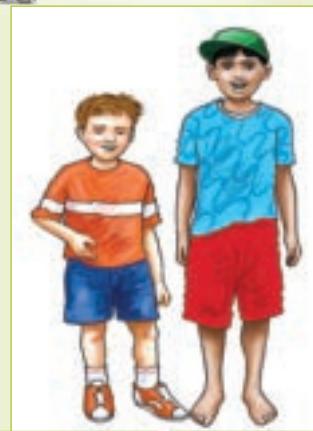
fitjhazana

denyana





Faka ipendulo umbala of ana namabhrugu amafitjhani womsana.



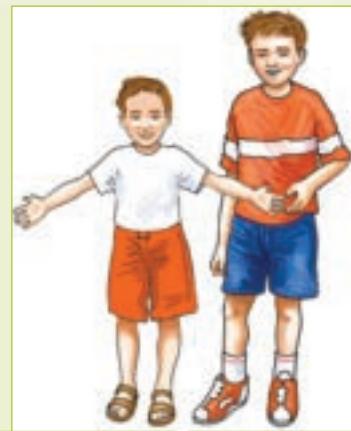
fitjhazana

denyana



denyana

fitjhazana



fitjhazana

denyana

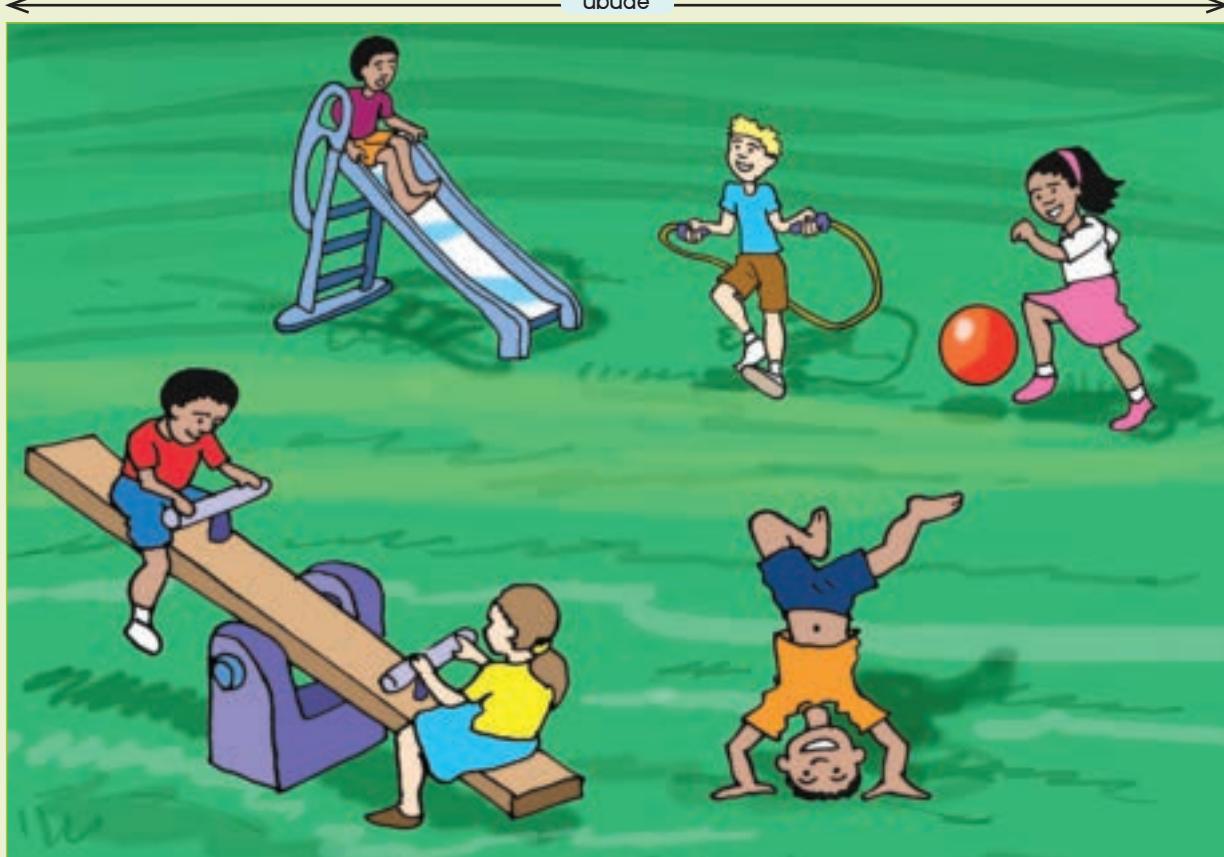


Meda amahlangothi wekundla yokudlalela ngesandla nangenyawo kuSika I. Ikundla yokudlalela yide ngezandla ezingaki. Ikundla yokudlalela yide ngeenyawo ezingaki.

Ubude bebala bungaba zizandla ezingaki?

ubude

Ubude bebala bungaba ziinyawo ezingaki?



Teacher:

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Ithemu 2



Ilanga:

## Ukukhupha



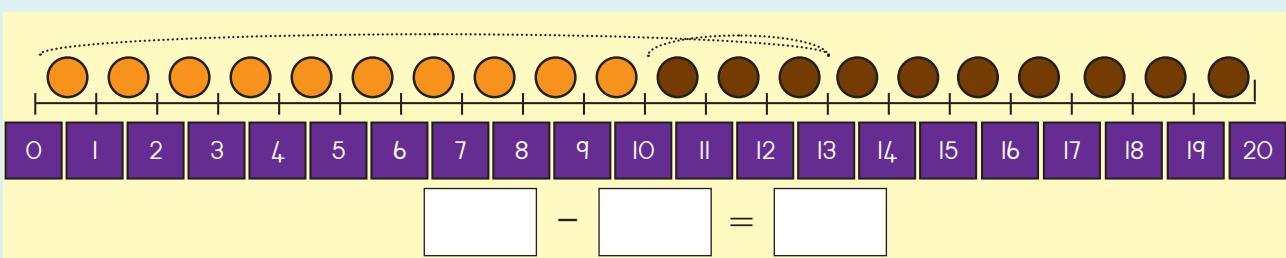
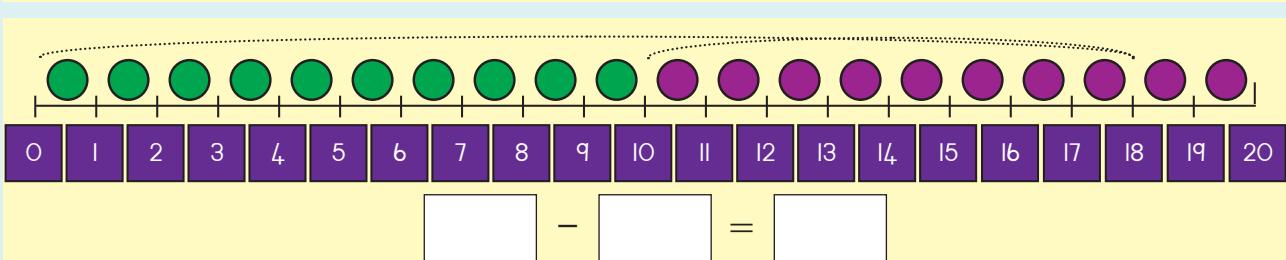
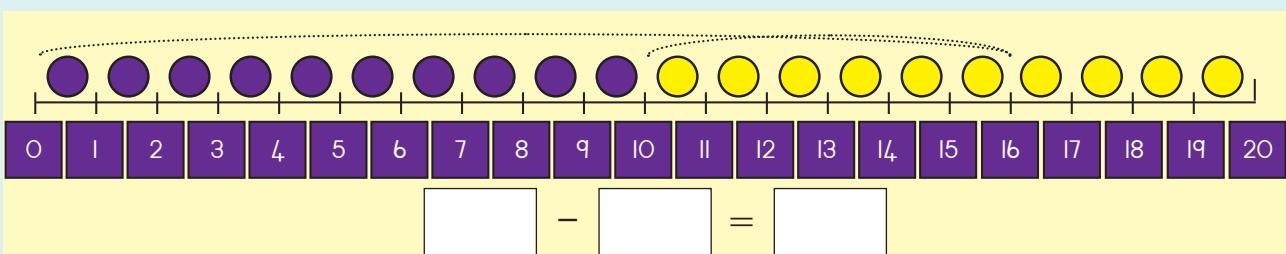
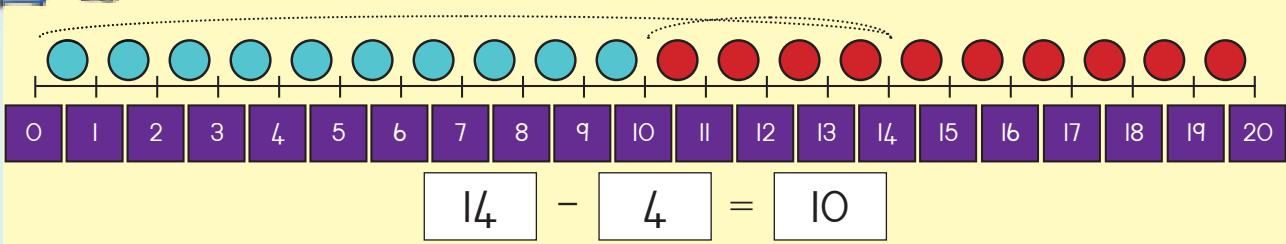
Madanisa amakarada neembalo zokukhipha.

10	10	10	10	10
2	2	8	8	7

$$17 - 7 = 10 \quad 12 - 2 = 10 \quad 15 - 5 = 10 \quad 13 - 3 = 10 \quad 18 - 8 = 10$$



Sebenzisa inambalayini. Tlola isibalo sokukhupha.





Ukukhupha.

$$10 \boxed{3} - \boxed{3} = \boxed{\phantom{00}}$$

$$10 \boxed{5} - \boxed{5} = \boxed{\phantom{00}}$$

$$10 \boxed{1} - \boxed{1} = \boxed{\phantom{00}}$$

$$10 \boxed{4} - \boxed{4} = \boxed{\phantom{00}}$$

$$10 \boxed{9} - \boxed{9} = \boxed{\phantom{00}}$$

$$10 \boxed{2} - \boxed{2} = \boxed{\phantom{00}}$$

$$10 \boxed{7} - \boxed{7} = \boxed{\phantom{00}}$$

$$10 \boxed{6} - \boxed{6} = \boxed{\phantom{00}}$$

$$10 \boxed{8} - \boxed{8} = \boxed{\phantom{00}}$$

$$10 \boxed{9} - \boxed{5} = \boxed{\phantom{00}}$$



Ukukhupha.

**16 - 13**

10	10	=	<input type="text"/>	
6	3	=	3	
16	-	13	=	3

**14 - 12**

10	10	=	<input type="text"/>	
4	2	=	<input type="text"/>	
14	-	12	=	<input type="text"/>

**27 - 11**

20	10	=	<input type="text"/>	
7	1	=	<input type="text"/>	
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

**35 - 13**

30	10	=	<input type="text"/>	
5	3	=	<input type="text"/>	
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

**26 - 12**

20	10	=	<input type="text"/>	
6	2	=	<input type="text"/>	
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

**48 - 11**

40	10	=	<input type="text"/>	
8	1	=	<input type="text"/>	
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>



ULisa uneembalisi ezili -17. Ulahlekelwa ziimbalisi ezibu -8.



Usele neembalisi ezingaki?



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42a

Ithemu 2



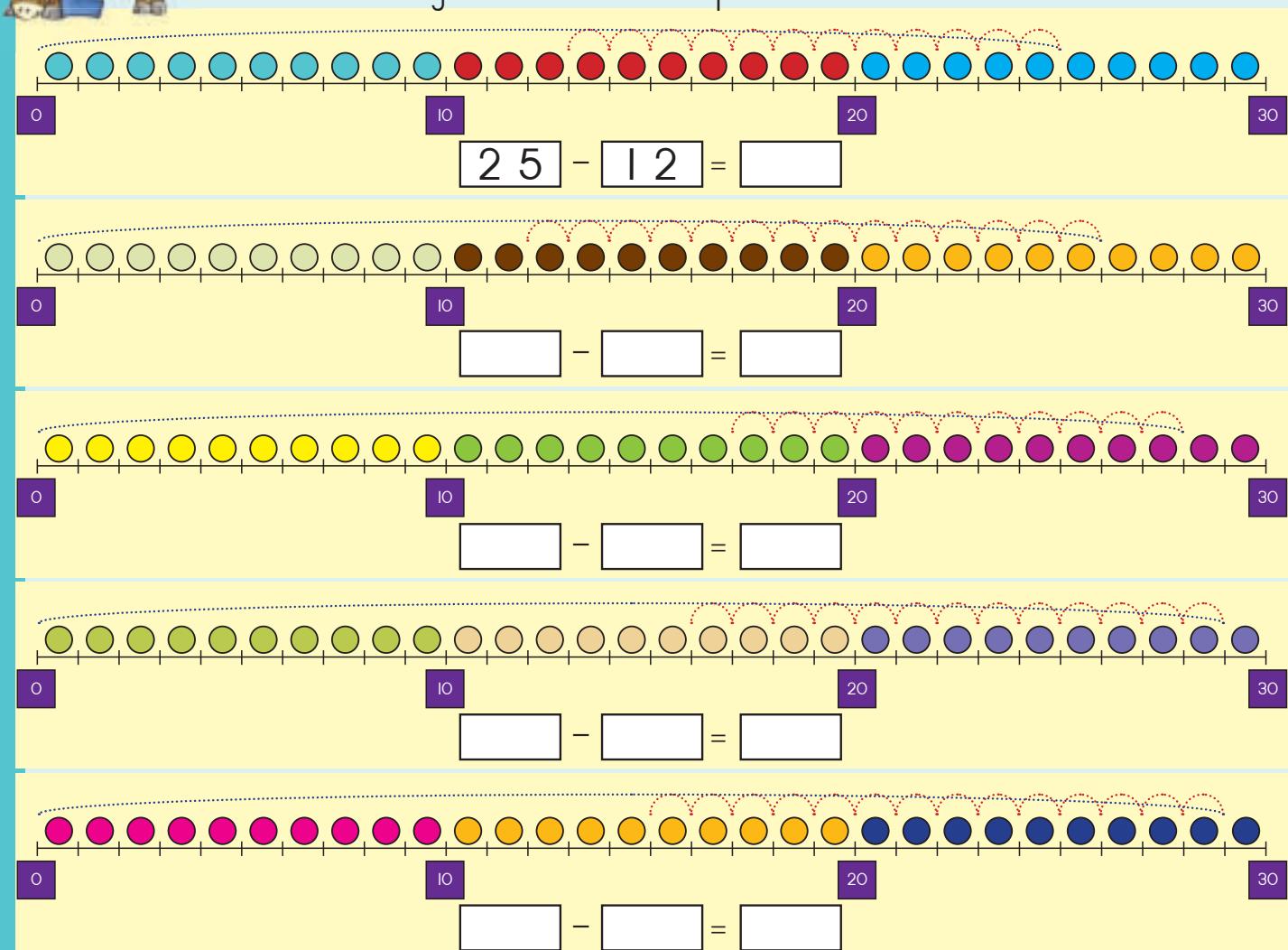
Ilanga:

## Ukukhupha

Khupha iiomboro ezingenzasi kezingehla.

<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>
7	2	8	9
10	10	10	10
5	1	5	4
2			

Sebenzisa inambalayini. Tlola isibalo sokukhupha.





Khupha.

$$45 - 23$$

$$\begin{aligned}
 &= \boxed{4} \ \boxed{0} \quad \boxed{5} \ - \ \boxed{2} \ \boxed{0} \quad \boxed{3} \\
 &= \boxed{4} \ \boxed{0} \ - \ \boxed{2} \ \boxed{0} \ + \ \boxed{5} \ - \ \boxed{3} \\
 &= \boxed{2} \ \boxed{0} \ + \ \boxed{2} \\
 &= \boxed{2} \ \boxed{2}
 \end{aligned}$$

$$38 - 16$$

$$\begin{aligned}
 &= \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \ + \ \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}} \ + \ \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}}
 \end{aligned}$$

$$29 - 14$$

$$\begin{aligned}
 &= \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \ + \ \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}} \ + \ \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}}
 \end{aligned}$$

$$48 - 11$$

$$\begin{aligned}
 &= \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \ + \ \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}} \ + \ \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}}
 \end{aligned}$$

$$35 - 23$$

$$\begin{aligned}
 &= \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \ + \ \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}} \ + \ \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}}
 \end{aligned}$$

$$38 - 15$$

$$\begin{aligned}
 &= \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \quad \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \ + \ \boxed{\phantom{0}} \ - \ \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}} \ + \ \boxed{\phantom{0}} \\
 &= \boxed{\phantom{0}}
 \end{aligned}$$



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Date:

# 42b

Ithemu 2



## Okhunye godu ukukhupha

Lijini inani loke lebhlogo ngayinye?

$$22 - 10 = \boxed{\phantom{00}}$$



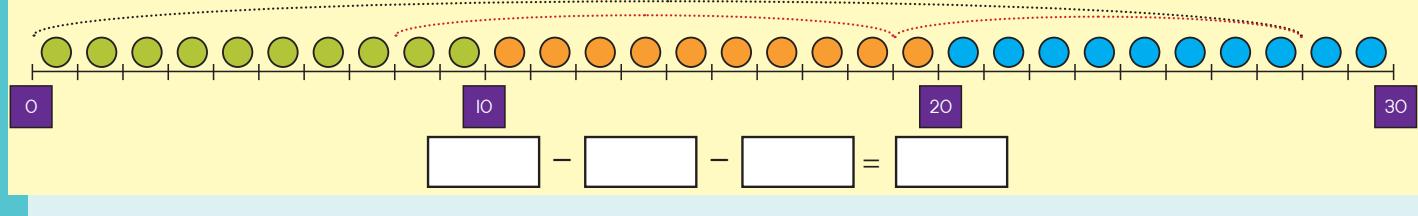
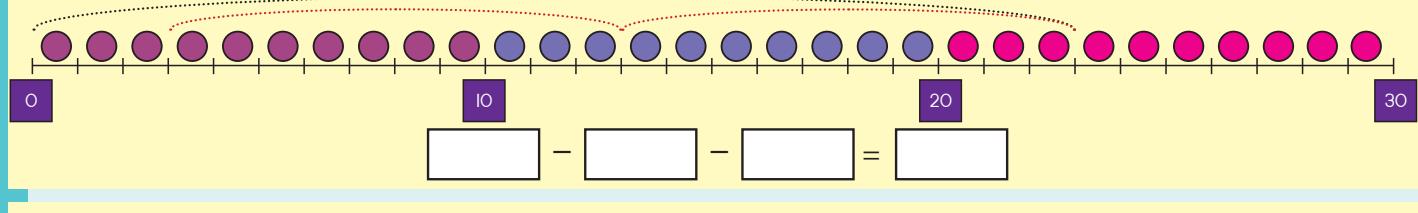
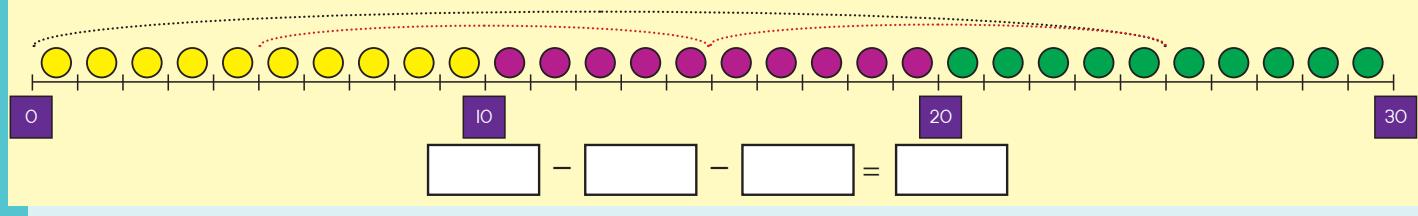
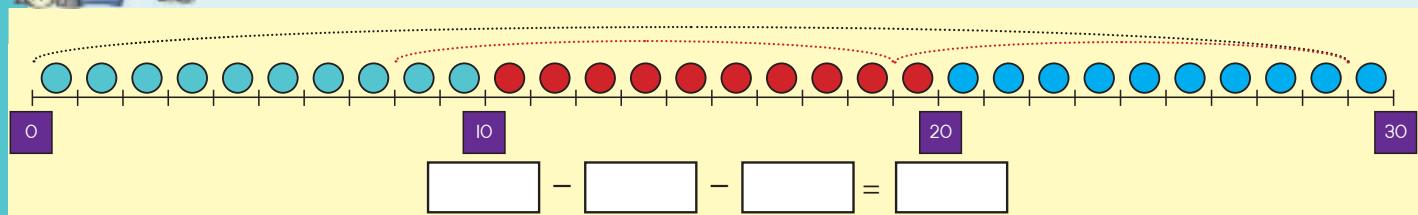
$$25 - 10 = \boxed{\phantom{00}}$$



$$29 - 10 = \boxed{\phantom{00}}$$



Qedelela iimbalo zokukhipha.





Qedelela.

$$\boxed{46} \quad - \quad \boxed{13} = \boxed{\phantom{00}}$$

$$\boxed{49} \quad - \quad \boxed{23} = \boxed{\phantom{00}}$$

$$\boxed{38} \quad - \quad \boxed{14} = \boxed{\phantom{00}}$$

$$\boxed{27} \quad - \quad \boxed{16} = \boxed{\phantom{00}}$$

$$\boxed{25} \quad - \quad \boxed{11} = \boxed{\phantom{00}}$$

$$\boxed{46} \quad - \quad \boxed{32} = \boxed{\phantom{00}}$$



Khupha.

$$21 - 10 = \boxed{\phantom{00}}$$

$$43 - 10 = \boxed{\phantom{00}}$$

$$16 - 10 = \boxed{\phantom{00}}$$

$$28 - 10 = \boxed{\phantom{00}}$$

$$27 - 10 = \boxed{\phantom{00}}$$

$$22 - 10 = \boxed{\phantom{00}}$$

$$34 - 10 = \boxed{\phantom{00}}$$

$$37 - 10 = \boxed{\phantom{00}}$$

$$45 - 10 = \boxed{\phantom{00}}$$



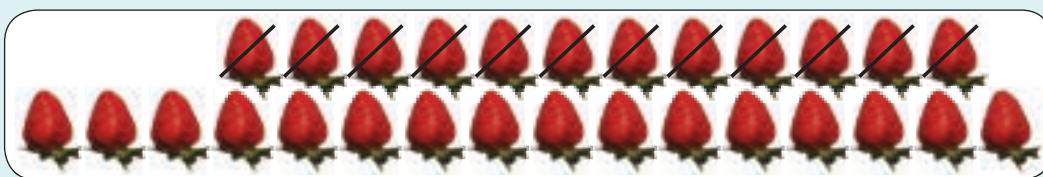
Umehluko hlangana nama - 35 nama - 20 li?

Gwala isithombe ukutjengisa ipendulo yakho.

$$\boxed{35} \quad - \quad \boxed{20} = \boxed{\phantom{00}}$$



Tlola isibalo samagama wakho  
ngokusebenzisa iinthombe.



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# 43

Ithemu 2



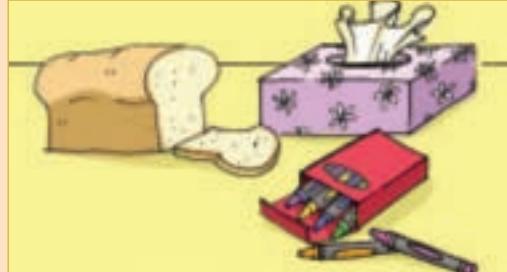
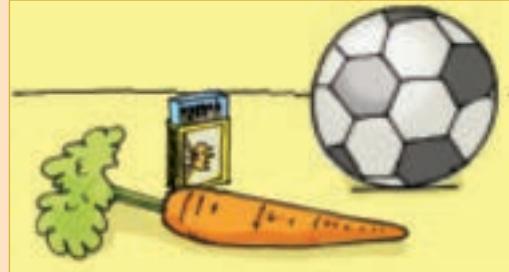
Ilanga:

## Ubudisi nobulula



Qala isithombe ngasinye bese uphendula imibuzo.

Ngikuphi okulula kanye nalokho okubudisi khulu?



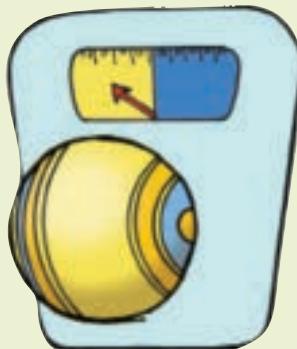
Namathisela nanyana ugwale iinthome zalokhu:

Iinthombe zezinto ezibudisi

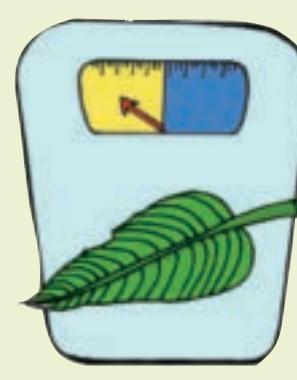
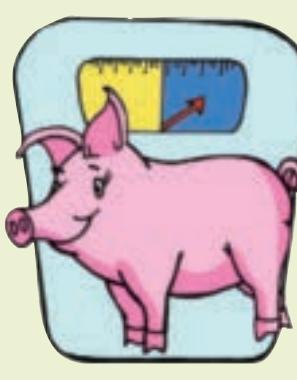
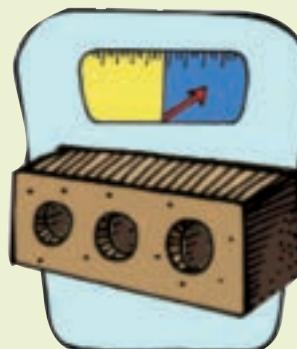
Iinthombe zezinto ezilula



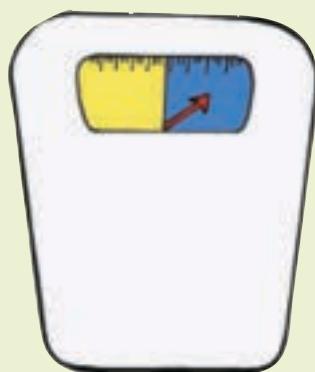
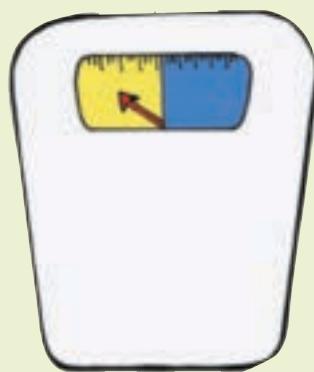
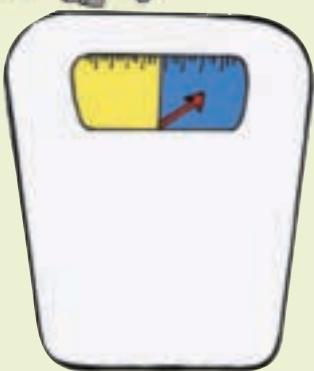
Lokha umkhonto obovu ukhomba ngehlangothini elisarulani, into ilula begodu nawukhomba kuhlaza sasibhakabhaka, into ibudisi. Tlola kubudisi nanyana kulula.



lula



Namathisela nanyana uwale ukuya ngalokho isikala/isimedo besikutjhoko.



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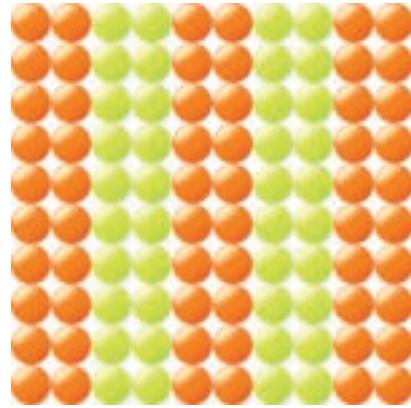
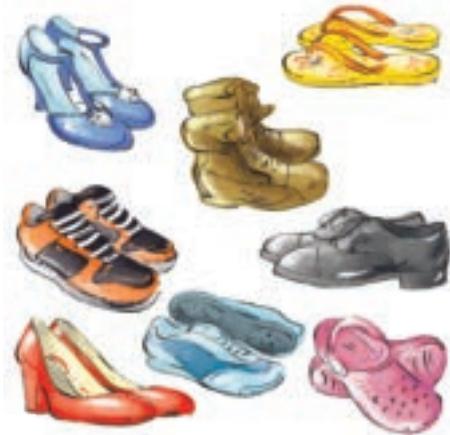
44

Ithemu 2



## Isibalo samaphetheni: Ngamabili

Asibaleni ngakubili.



Gwala namkha namathisela iinthombe zezinto ezikhamba ngazimbili.

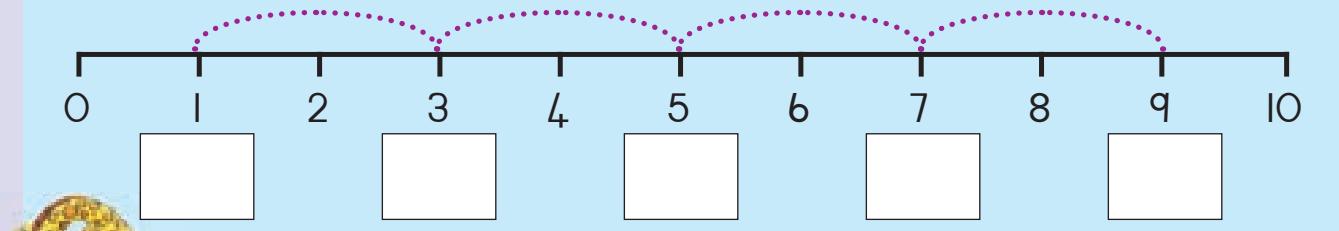
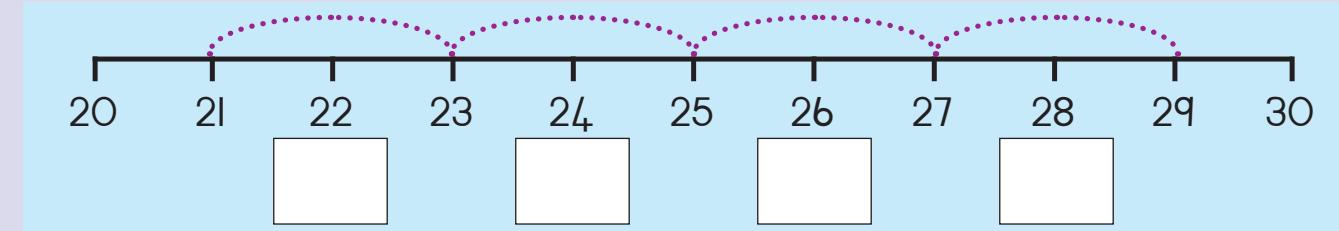
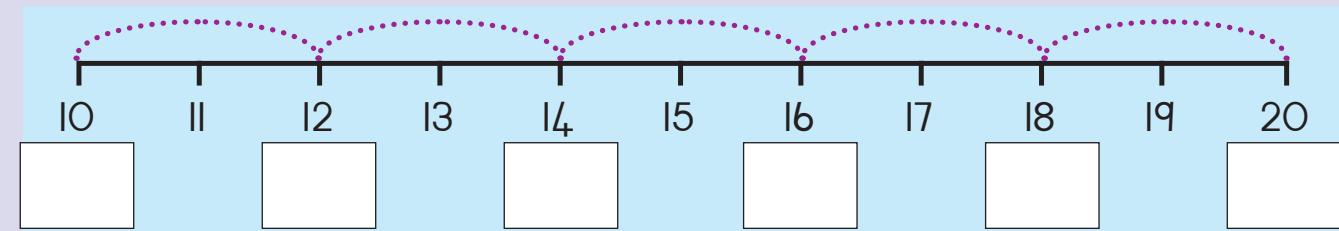
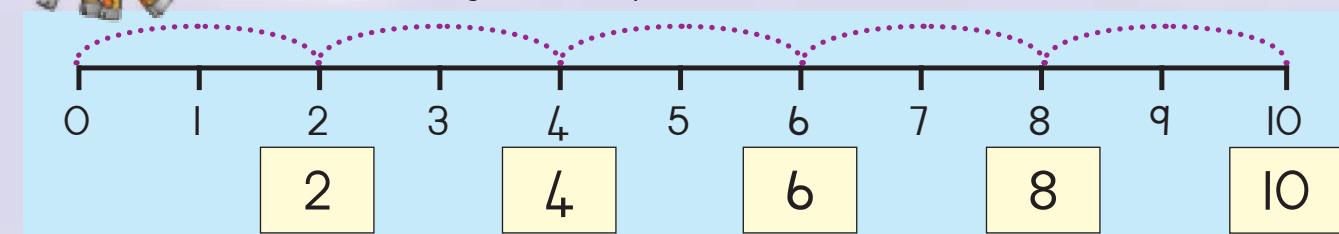


Sithome iphetheni. Wena-ke iqedelele.

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

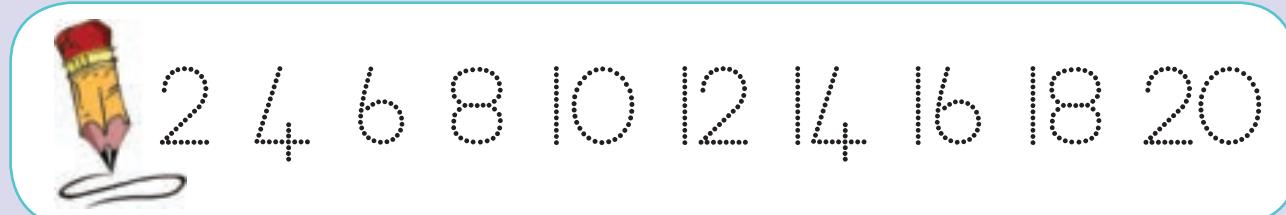


Sebenzisa inambalayini ukutlola iphetheni.



Qedelela okulandelako.

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



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Ithemu 2

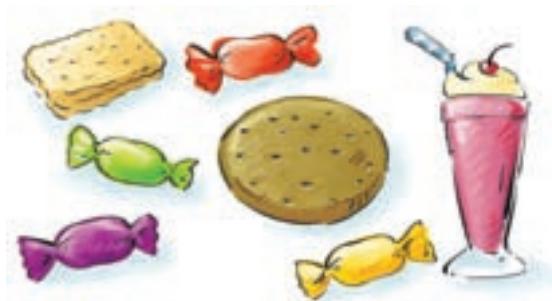


Qala isithombe sokuthoma nesesibili. Kwenzeka ini?

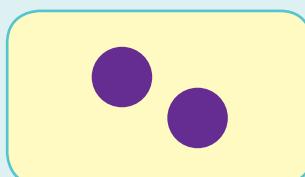
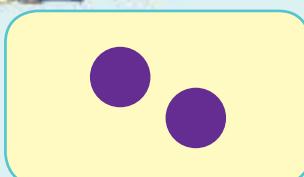


Ilanga:

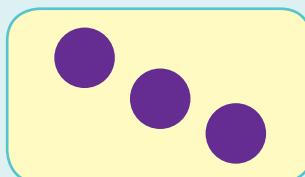
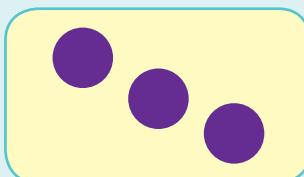
## Buyelela kabi



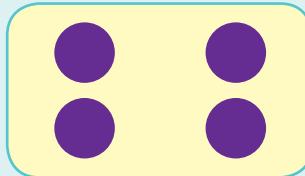
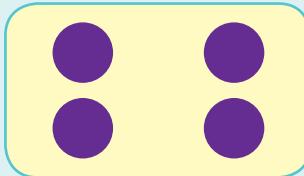
Hlanganisa amacaphazi begodu utlole isibalo sawo.



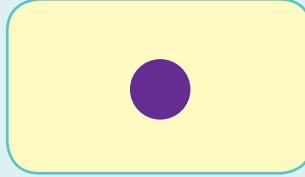
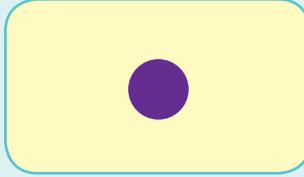
$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



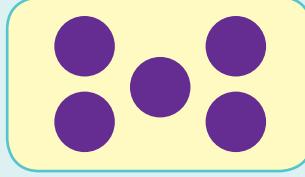
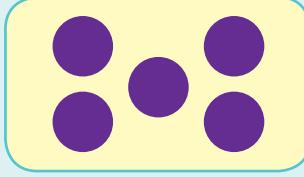
$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



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



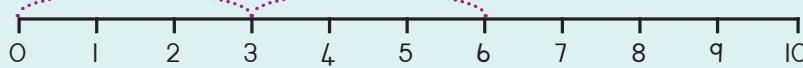
$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



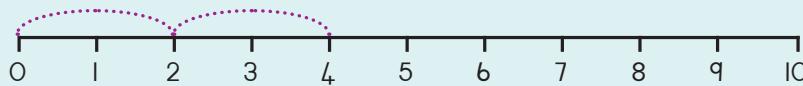
$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



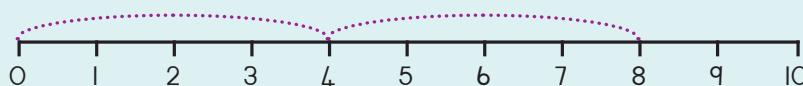
Sebenzisa inambalayini ukutlola isibalo.



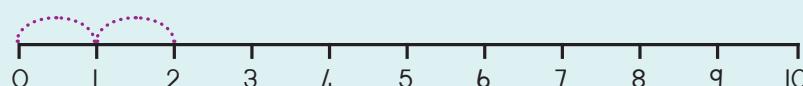
$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



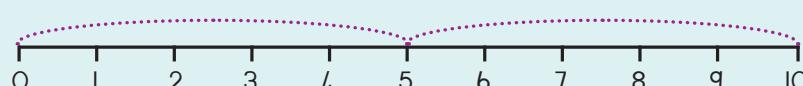
$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Buyelela kibili okulanelako.

Buyelela kibili ngabo-1

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

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

Buyelela kibili ngabo-2

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$\boxed{2} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Buyelela kibili ngabo-3

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$\boxed{2} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Buyelela kibili ngabo-4

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$\boxed{2} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

Buyelela kibili ngabo-5

$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$\boxed{2} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Nginama-R5. Umngani wami unenani elibuyelewwe kibili. Umngani wami unamalini?



Teacher:

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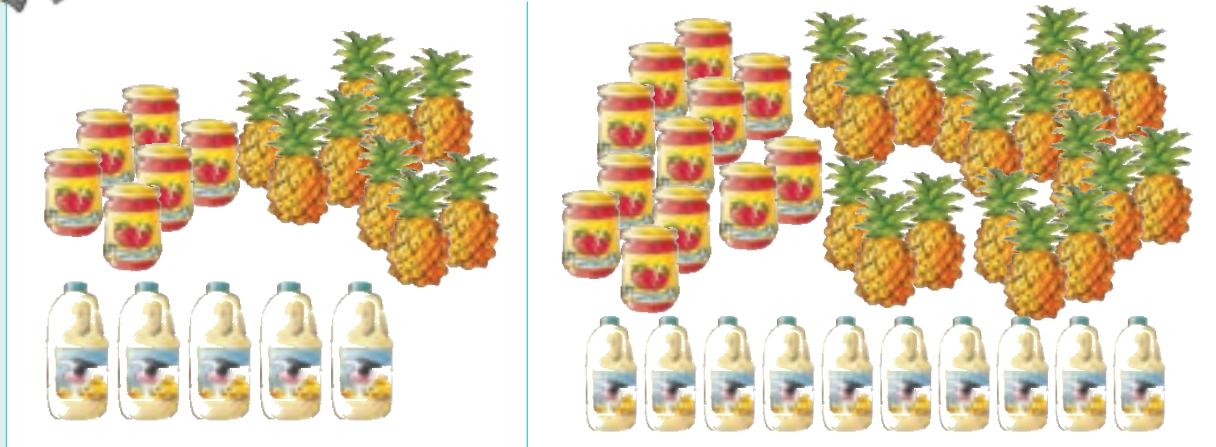
Ithemu 2



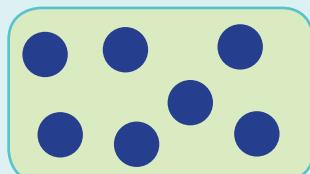
Qala isithombe sokuthoma nesesibili. Kwenzeka ini?

Ilanga:

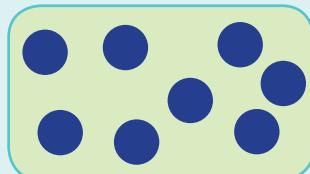
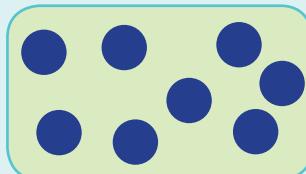
## Ngokuphindwe kabili



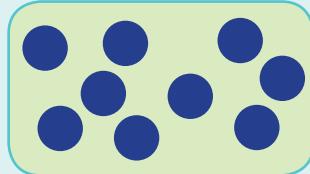
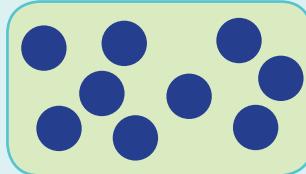
Hlanganisa amaqtjhazi, begodu utlole isibalo sawo ngalinye.



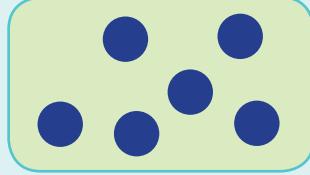
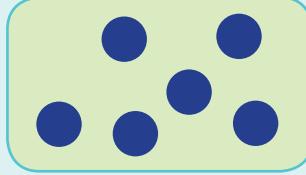
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



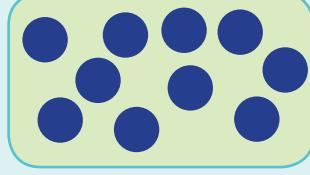
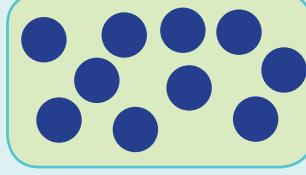
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



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



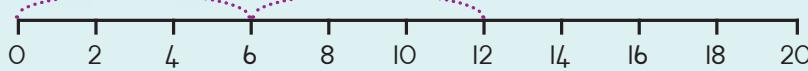
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



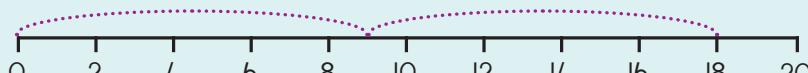
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



Sebenzisa inambalayini ukutlola isibalo.



$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$



$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$



$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$



$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$



$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$



Buyelela kibili okulandelako.

Buyelela kibili ngabo-6

$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

$2 \times \boxed{6} = \boxed{12}$

Buyelela kibili ngabo-7

$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

$2 \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$

Buyelela kibili ngabo-8

$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

$2 \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$

Buyelela kibili ngabo-9

$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

$2 \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$

Buyelela kibili ngabo-10

$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

$2 \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$



Umngani wami unamamabula ali - 9. Mina nginenani elibuyelelwwe kibili lamamabula anawo. Nginamamabula amangaki?



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Ithemu 2



Ilanga:

.....

## Phinda kibili

Buyelela okubu-8 kibili.

1 2 3 4 5 6 7 8 | 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 kibili.

1 2 3 4 5 6 7 8 9 | 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 kibili. Yokuthoma sikuthomele yona.

Buyelela oku-5 kibili



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

Buyelela oku-6 kibili



$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{00}}$$

Buyelela oku-7 kibili



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

Buyelela okubu-8 kibili



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

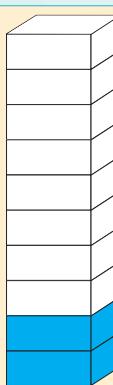
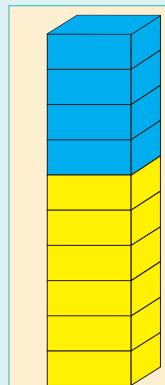
Buyelela okuli-9 kibili



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



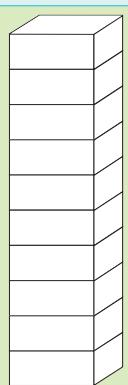
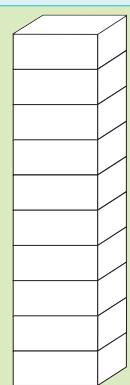
Buyelela iinomboro kibili. Faka umbala ngaphasi kwamabhlogo alitjhumi ukutjengisa ipendulo yakho.



Buyelela kibili  
oku-6

$$6 + 6 = \boxed{\phantom{00}}$$

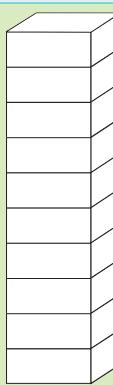
$$2 \times 6 = \boxed{\phantom{00}}$$



Buyelela kibili okubu-8

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

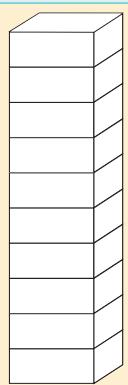
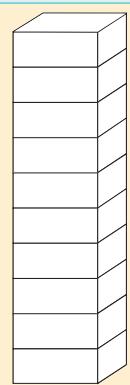
$$2 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



Buyelela kibili  
oku-7

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

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



Buyelela kibili  
oku-9

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

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



Buyelela kibili okulandelako:

Buyelela kibili okuli-7

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

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

Buyelela kibili okuli-9

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

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

Buyelela kibili okuli-6

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

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

Buyelela kibili okubu-8

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

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

Buyelela kibili okuli-10

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

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



Nginamaphuzu abu-8. Umngani wami unenani elibuyelelwé kibili lamaphuzu enginawo. Umnganami unamaphuzu amangaki?



Teacher:

Sign:

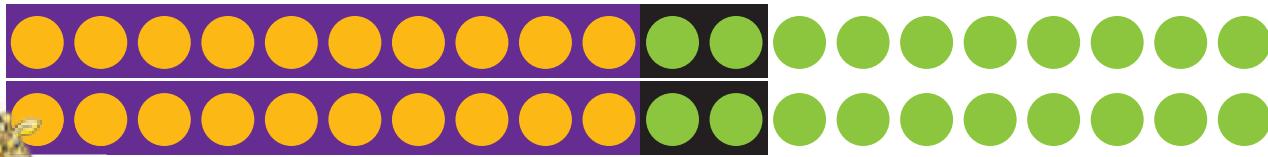
Date:



Ilanga:

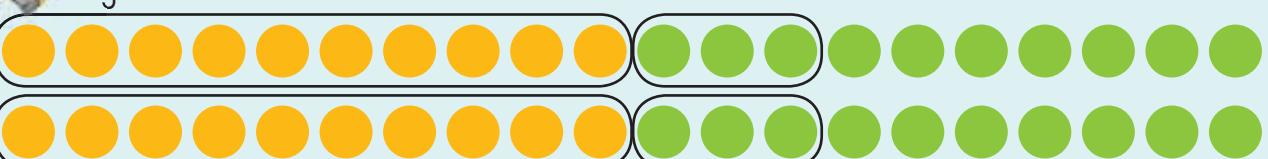
## Ukuphinda okubuyelelweko

Buyelela kibili okuli -12



Sebenzisa umncamo ukubuyeleta iinomboro kibili. Yokuthoma sesikuthomele yona.

Buyelela kibili okuli -13



Buyelela kibili okuli -15

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



Buyelela kibili okuli -14

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



Buyelela kibili okuli -11

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



Buyelela kibili okuli -16

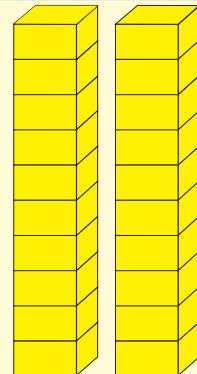
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



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

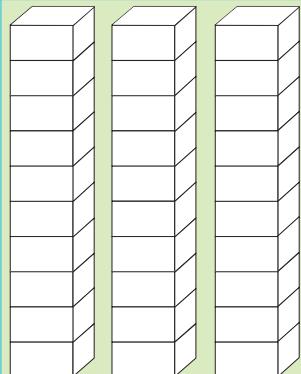


Buyelela iinomboro. Faka ilingaphasi lamabhlogo alitjhumi umbala ukutjengisa ipendulo yakho.



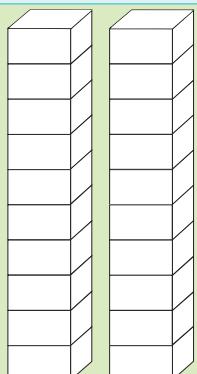
Buyelela kibili okuli-II

$$\begin{array}{r} \boxed{\text{II}} + \boxed{\text{II}} = \boxed{\phantom{00}} \\ \boxed{2} \times \boxed{\text{II}} = \boxed{\phantom{00}} \end{array}$$



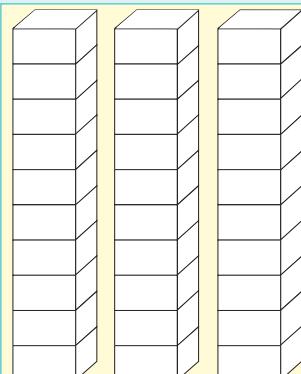
Buyelela kibili okuli-I3

$$\begin{array}{r} \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}} \\ 2 \times \boxed{\phantom{00}} = \boxed{\phantom{00}} \end{array}$$



Buyelela kibili okuli-I4

$$\begin{array}{r} \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}} \\ 2 \times \boxed{\phantom{00}} = \boxed{\phantom{00}} \end{array}$$



Buyelela kibili okuli-I5

$$\begin{array}{r} \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}} \\ 2 \times \boxed{\phantom{00}} = \boxed{\phantom{00}} \end{array}$$



Buyelela kibili okulandelako:

Buyelela kibili okuli-II

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

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

Buyelela kibili okuli-I3

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

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Buyelela kibili okuli-I6

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

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

Buyelela kibili okuli-I7

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

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Buyelela kibili okuli-I8

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

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



Ngiphumelele ukutlola amagama ali-I4 ngendlela efaneleko. Othumbleko uthole inomboro leyo ngokuphindwe kibili. Othumbleko uthole ngaki?



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Ithemu 2



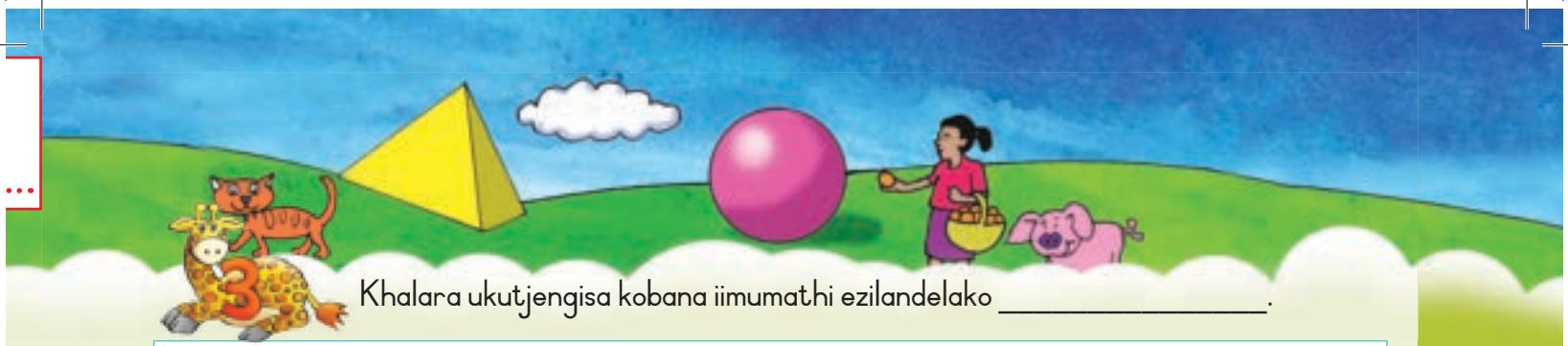
## Iimumathi kanye nomthamo

Khulumani ngeemumathi ezikelinye nelinye ideske.



Yitjho nangabe isimumathi sizele nanyana asinalitho.





Gwala zakho iimumathi bese ukhalare okungaphakathi utjengise:

Asinalitho

Sizele

Asinalitho

Sizele



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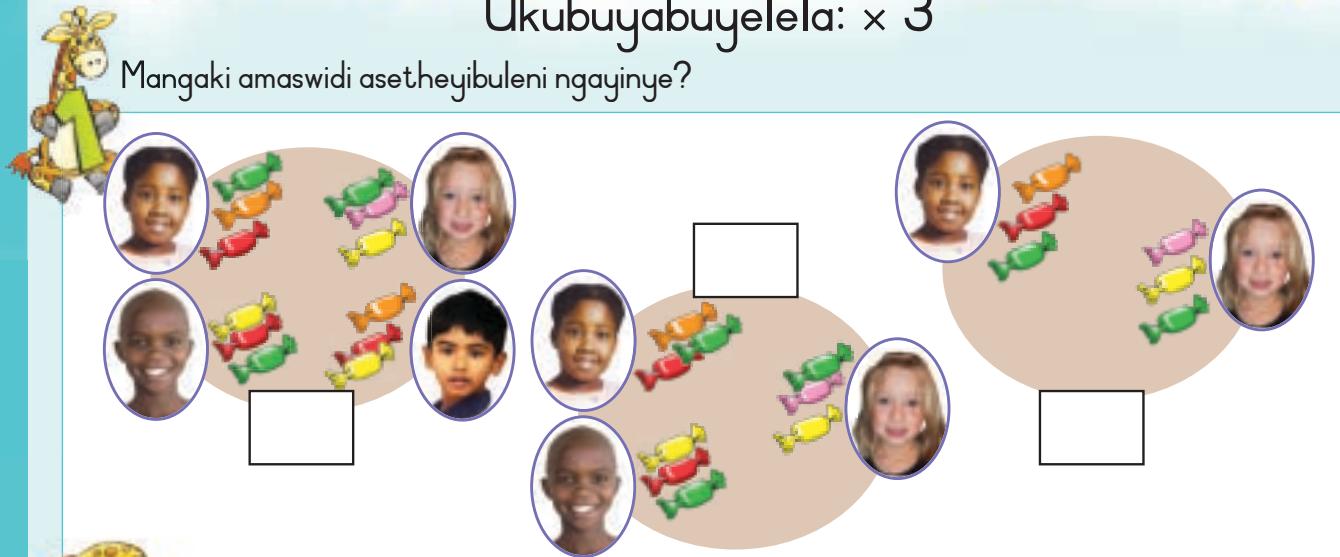
Ithemu 2

## Ukubuyabuyeleta: $\times 3$

Mangaki amaswidi asetheyibuleni ngayinye?

Ilanga:

.....



Qedeleta okulandelako.



iinqhema ezi-2  
zangaku-3



$$3 + 3 =$$

$$2 \times 3 =$$



iinqhema ezi-5  
zangaku-3



$$3 + 3 + 3 =$$

$$5 \times 3 =$$



iinqhema ezi-4  
zangaku-3



$$3 + 3 + 3 =$$

$$4 \times 3 =$$



iinqhema ezi-6  
zangaku-3



$$3 + 3 + 3 =$$

$$6 \times 3 =$$



iinqhema ezi-7  
zangaku-3



$$3 + 3 + 3 =$$

$$7 \times 3 =$$



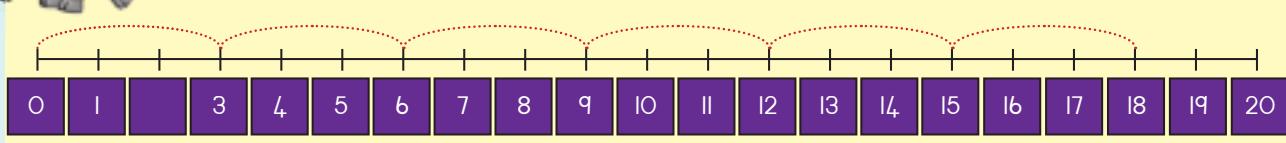
iinqhema ezi-3 zangaku-3

iinqhema ezi-4 zangaku-3

iinqhema ezi-5 zangaku-3



Gwala umgwalo wokulandelako.



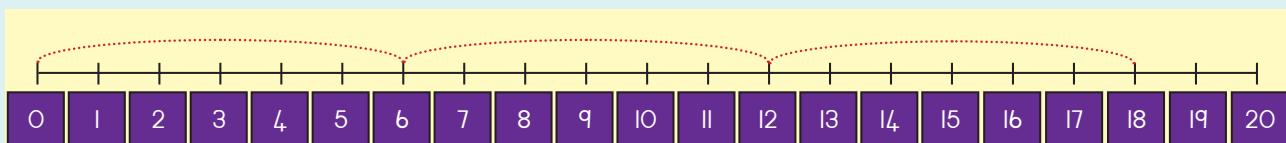
3, 6, 9, 12, \_\_\_, \_\_\_

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

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

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

Umgwalo



6, \_\_\_, \_\_\_

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

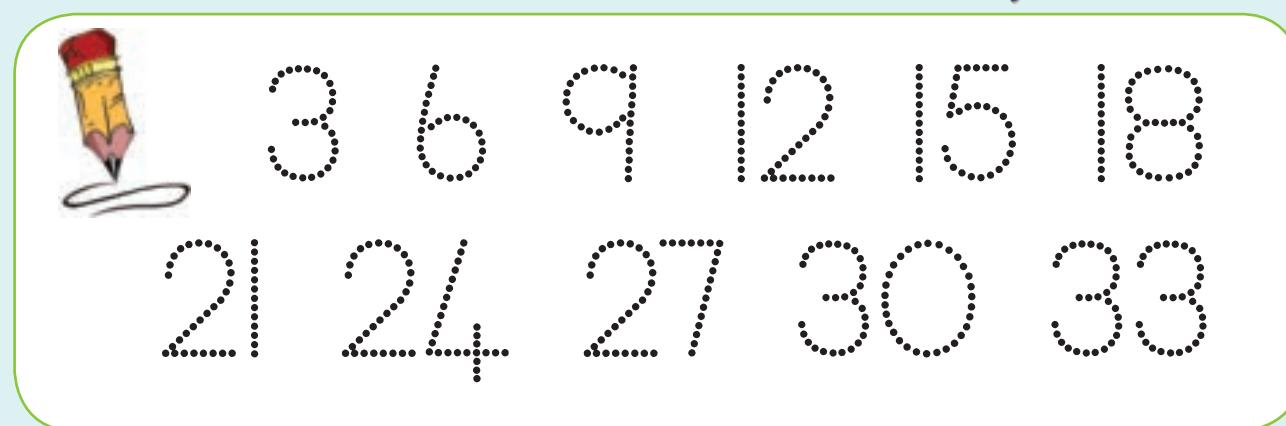
$$\text{iinqhema ezi-}3 \text{ zangaku-} \boxed{\quad} = \boxed{\quad}$$

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

Umgwalo



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



Teacher:

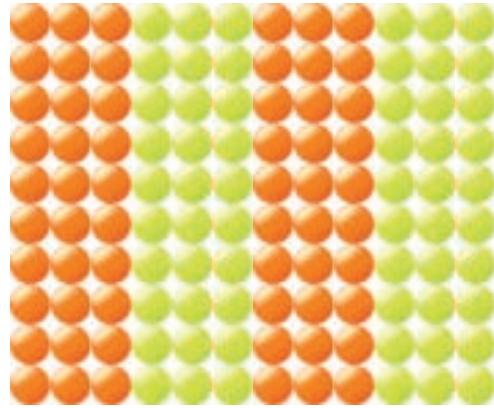
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Date:



## 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
II	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.

0

1

2

3

3

6

9

10



Qedelela okulandelako.

3, 6, 9, \_\_, \_\_, \_\_

1, 4, 7, \_\_, \_\_, \_\_

qq, q6, q3, \_\_, \_\_, \_\_

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?

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12

13

14

15

16

17

18

19

20



Ilanga:

.....

Ukubuyabuyeleta:  $\times 4$ 

Mangaki amaswidi asetafuleni ngayiny?



Qedeleta okulandelako.

iinqhema ezi-3  
zangaku-4

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

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

iinqhema ezi-2  
zangaku-4

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

$$\boxed{2} \times \boxed{4} = \boxed{\quad}$$

iinqhema ezi-4  
zangaku-4

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

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

iinqhema ezi-6  
zangaku-4

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

$$\boxed{6} \times \boxed{4} = \boxed{\quad}$$

iinqhema ezi-7  
zangaku-4

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

$$\boxed{7} \times \boxed{4} = \boxed{\quad}$$



Gwala umgwalo wokulandelako.

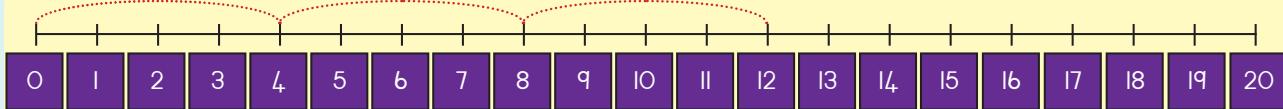
iinqhema ezi-3 zangaku-4

iinqhema ezi-4 zangaku-4

iinqhema ezi-5 zangaku-4



Gwala umgwalo wokulandelako.



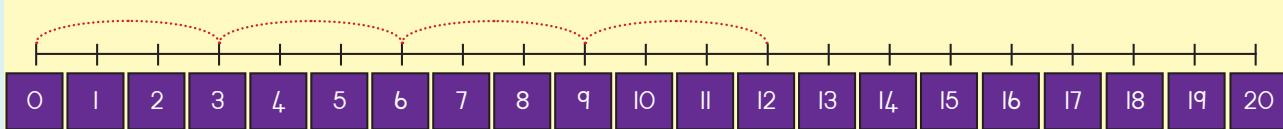
4, 8, \_\_\_\_\_

$$4 + 4 + 4 = \boxed{\phantom{00}}$$

$$\text{iinqhemma ezi-}3 \text{ zangaba-}4 = \boxed{\phantom{00}}$$

$$3 \times 4 = \boxed{\phantom{00}}$$

Umgwalo



3, 6, 9, \_\_\_\_\_

$$3 + 3 + 3 + 3 = \boxed{\phantom{00}}$$

$$\text{iinqhemma ezi-}4 \text{ zangaba } \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$4 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Umgwalo



Ipera inemilenze emi-4. Iimpera ezintathu zinemilenze emingaki?



4 8 12 16 20 24

28 32 36 40



Teacher:

Sign:

Date:

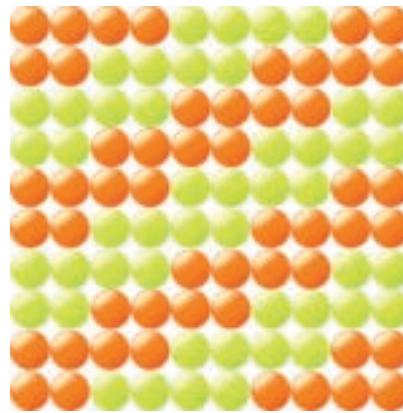
53

Ithemu 2



## Amaphetheni weenomboro: Ngakune

Asibaleni ngakune.



Gwala namkha namathisela izinto ezikhamba ngazine.

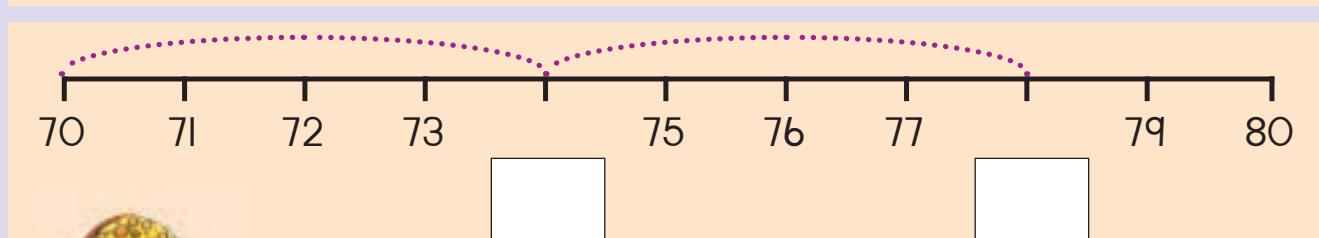
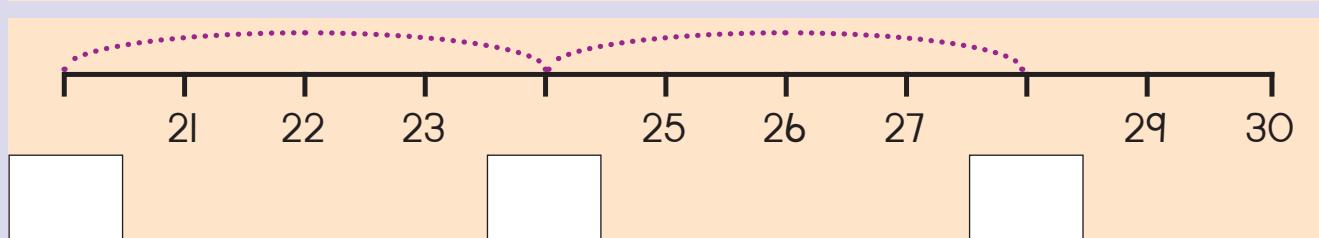
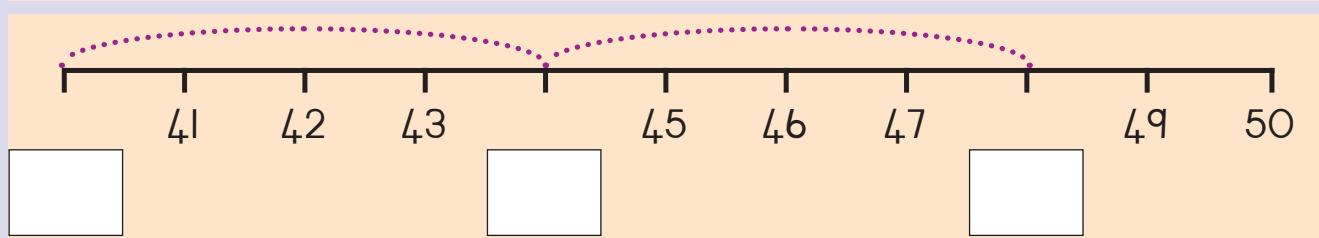
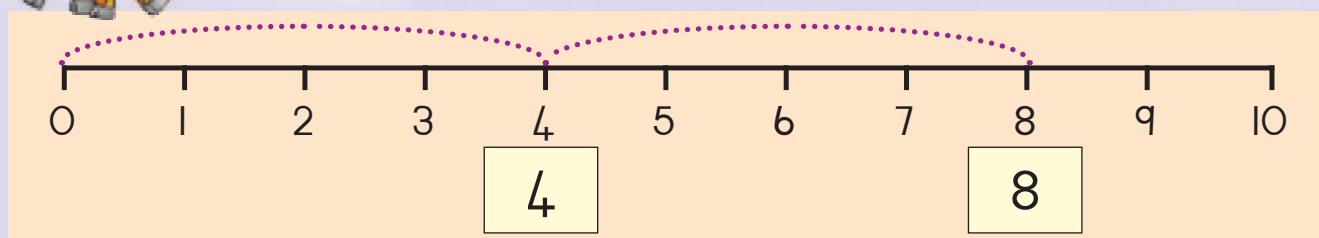


Sithome iphetheni. Wena iqedelele.

I	2	3	4	5	6	7	8	9	10
II	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.

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



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



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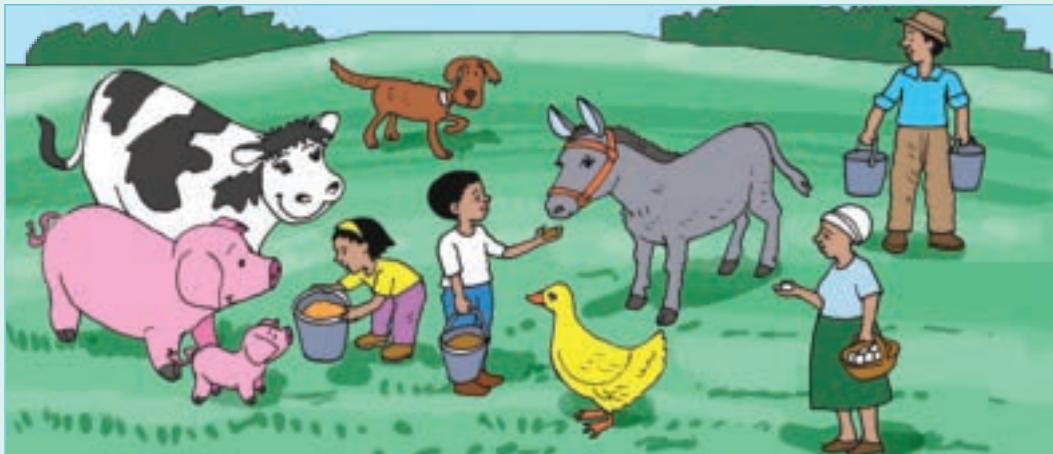
54

Ithemu 2

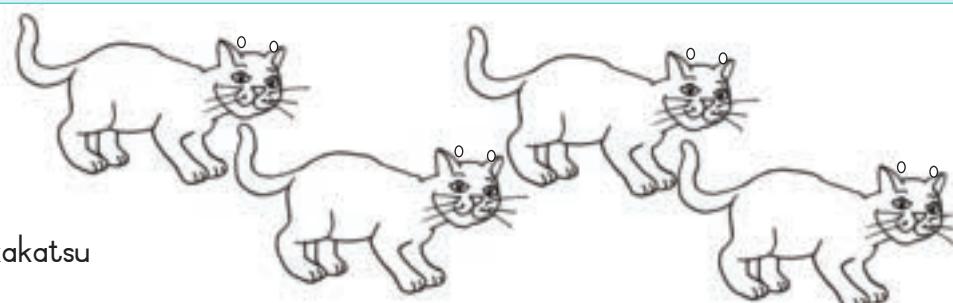


## Ezinye iindatjana zokubuyabuyeleta

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?

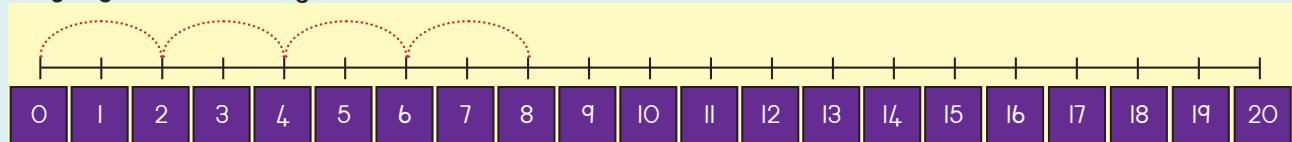


Faka amehlo kakatsu umbala.

Tjengisa lokho ngeembalisi.



Kutjengise kunambalayini.



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

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



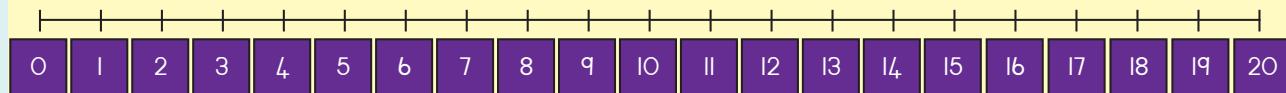
Ibhayisigili emavili-ntathu inamavili ama -3. Zinamavili amangaki iiimbhayisigili ezhilanu ezimavili-ntathu?



Faka amavili webhayisigili emavili-ntathu umbala.

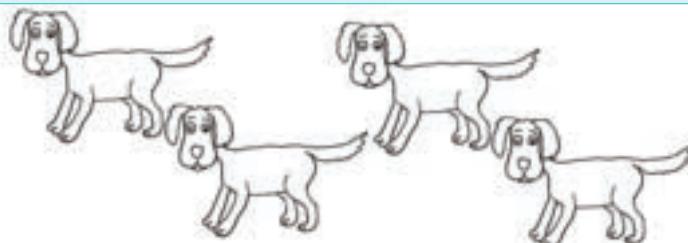
Tjengisa lokho ngeembalisi.

Kutjengise kunambalayini.



  +  =        ×  =

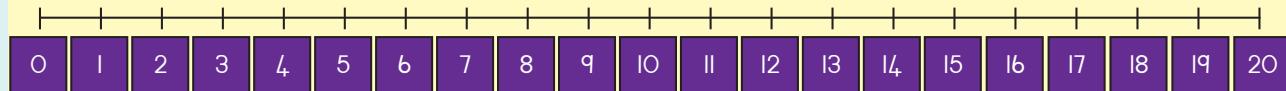
Inja inemilenze emi -4. Zinemilenze emingaki izinja ezi -4?



Faka imilenze yenja umbala.

Tjengisa lokho ngeembalisi.

Kutjengise kunambalayini.



+  =        ×  =



Teacher:

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Date:

# 55

Ithemu 2



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 isikhathhi.



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



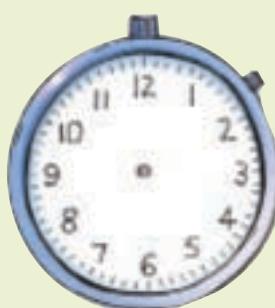
ama-iri ama 7



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



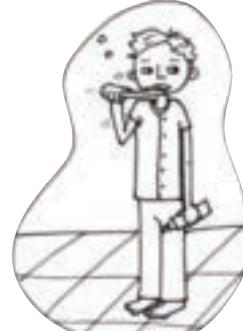
Ngikuphi okungathatha i-iri ukukwenza? Khalara ipendulo enembako.



Ukwenza umsebenzi wesikolo



Ukulala



Ukuhlamba amazinyo



Teacher:

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Date:

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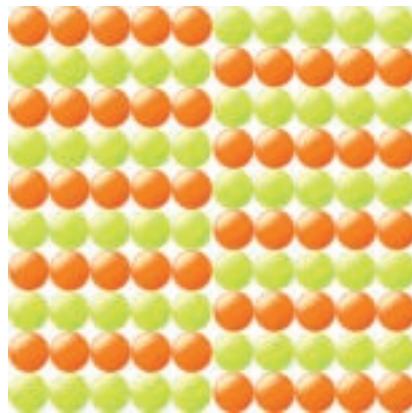
# 56

Ithemu 2



## Amaphetheni weenomboro: Ngakuhlanu

Asibaleni ngakuhlanu.

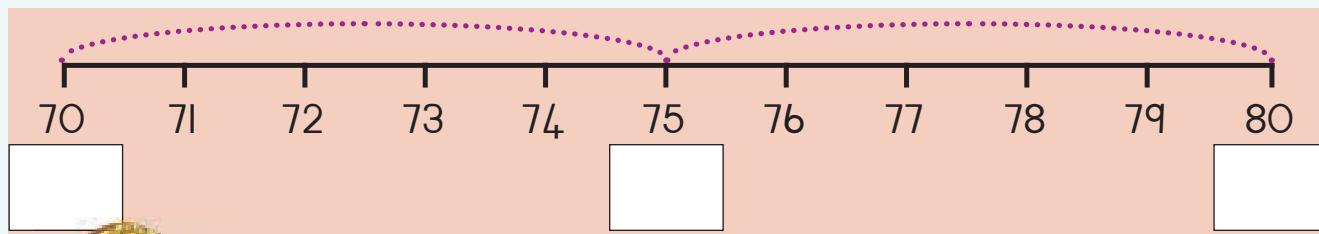
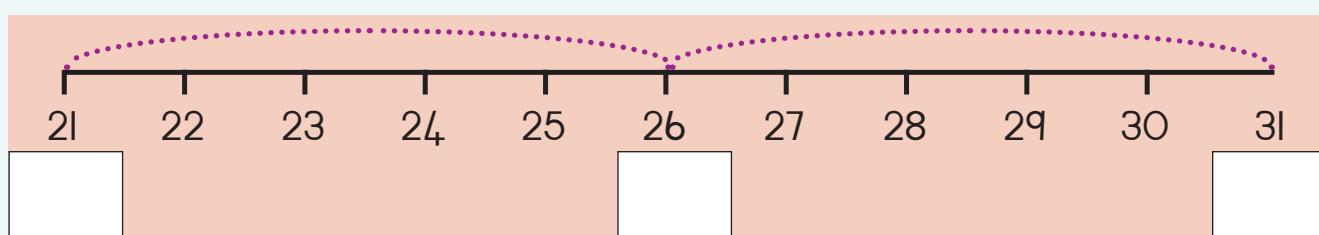
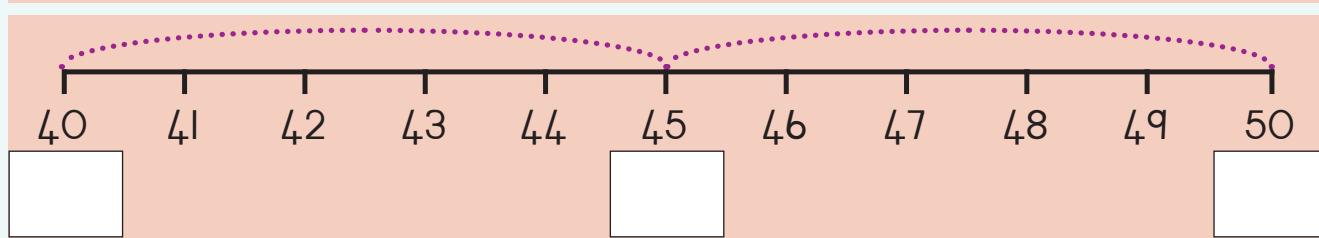
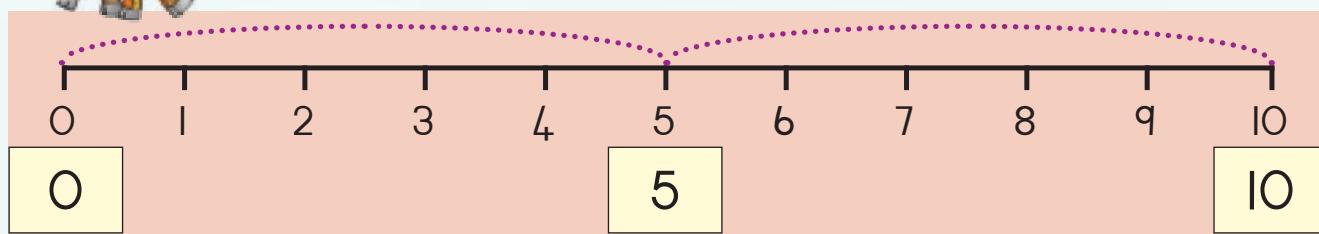


Gwala namkha namathisela iinthombe ezikhamba ngazihlanu.



Sithome iphetheni. Wena-ke iqedelele.

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



Qedelela okulandelako.

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



Teacher:  
Sign:  
Date:

57a

Ithemu 2



Ilanga:

.....

## Imizuzu/amaminidi

Siwusebenzisa bunjani umuda onzima omfitjhani ewatjhini?



Zalisa ngemizuzu.



Tlola iinomboro lapha ngenzasi ngaphakathi kweenkwere ezibovu.

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



Ngomzuzu owodwa-1

Ngemizuzu emi-5

Ngemizuzu ema-30

Ngemizuzu ema-60



Teacher:

Sign:

Date:

# 57b

Ithemu 2



## Okhunye ngemizuzu/ngamaminidi

Khulumani ngewatjhi.



Umkhono **omude** usutjengisa 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



Ukulla



Teacher:

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Date:

58

Ithemu 2

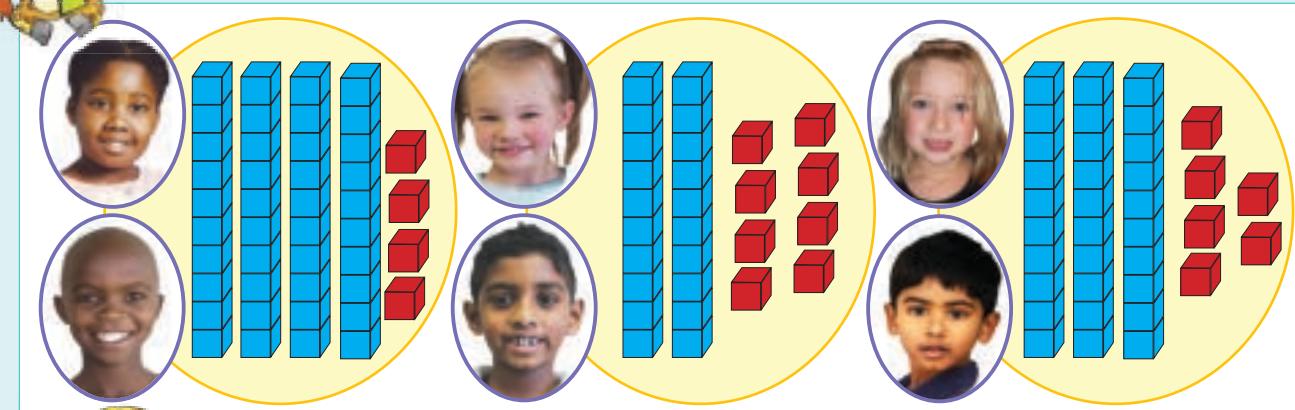


Ilanga:

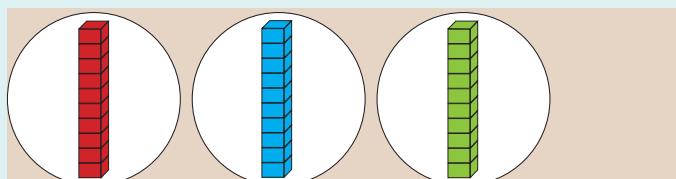


## Ukubuthelela nokwaba

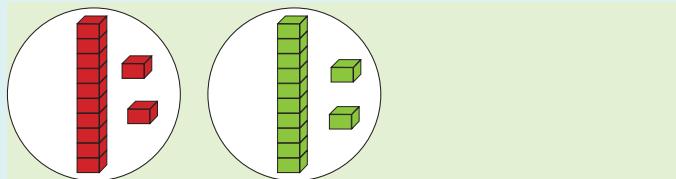
Mabhlogo amangaki endulungeni ngayinye hlangana nabentwana?



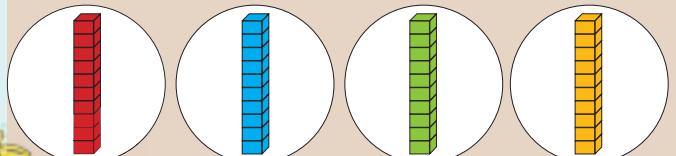
Mangaki amabhlogo asendulungeni ngayinye? Tlola inani elihlangeneko, inani ngendulungeni ehlaza kwesibhakabhaka.



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



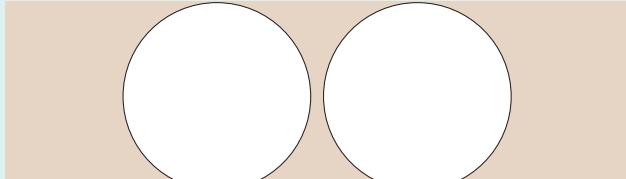
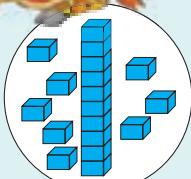
$$\square \times \square = \square$$



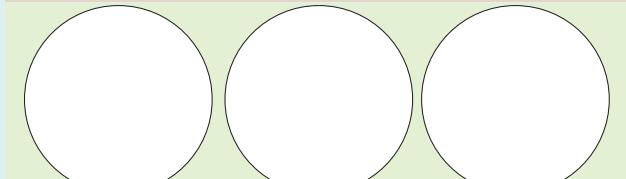
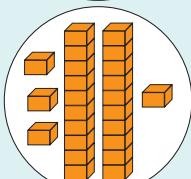
$$\square \times \square = \square$$



Yabela iiyangi ngokulinganako amabhlogo.



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



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



Gwala okulandelako. Tlola ithothali yakho ngakunye.

iinqhemha ezi -3 zangaku -2

Hlanganisa inani loke:

Buyabuyelela inani loke:

iinqhemha 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.

iinqhemha ezi -2 zangali -7 \_\_\_\_\_ iinqhemha ezi -3 zangabu -8 \_\_\_\_\_

iinqhemha ezi -4 zangaku -5 \_\_\_\_\_ iinqhemha ezi -2 zangali -15 \_\_\_\_\_

yaba i -18 ngaku -2 \_\_\_\_\_ yaba ama - 24 ngaku -3 \_\_\_\_\_

yaba ama - 35 ngaku -5 \_\_\_\_\_ yaba ama - 50 nge -10 \_\_\_\_\_



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



Teacher:

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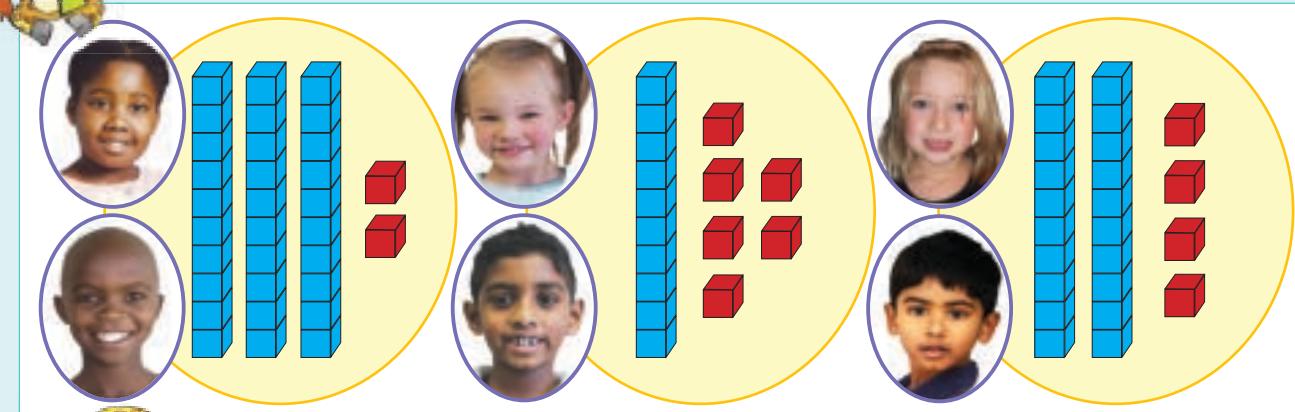
59

Ithemu 2

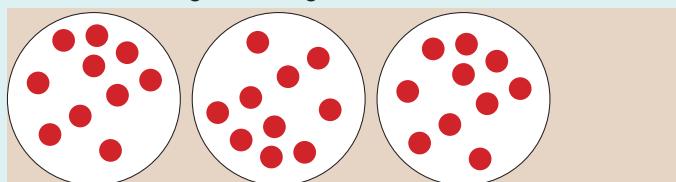


## Okhunye ukubuthelela nokwaba

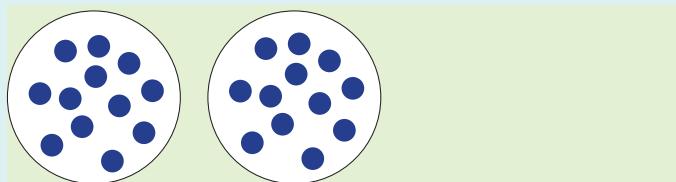
Kunamabhlogo amangaki ngaphakathi kwesiyingi ngasinye? Yabela abentwana ngokulinganako.



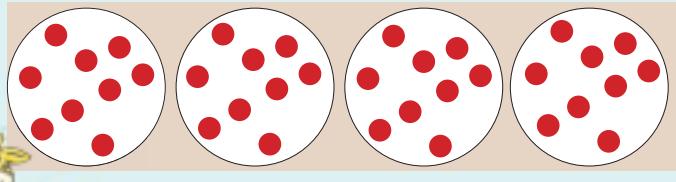
Mangaki amabhlogo asendulungeni ngayinye? Tlola inani elihlangeneko, inani ngendulungeni ehlaza kwesibhakabhaka.



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



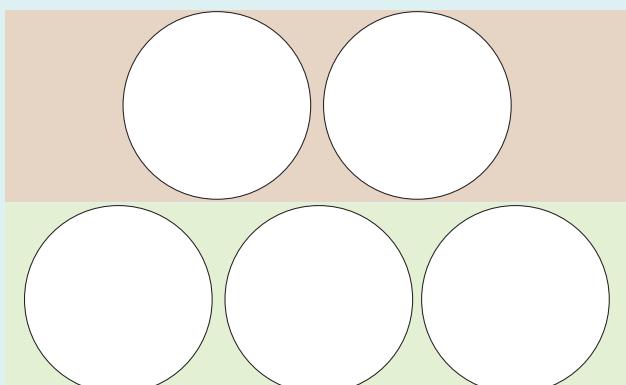
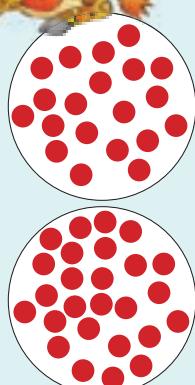
$$\square \times \square = \square$$



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



Yaba amabhlogo hlangana neendulungu.



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

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



Gwala okulandelako. Tlola ithothali yakho ngakunye.

iinqhemha ezi-3 zangaku-12

Hlanganisa inani loke:

Buyabuyelela inani loke:

Yaba iimbalisi ezili-24 hlangana naku-4.

Khupha inani loke:

Isibalo sokwabiwa hlangana (ukwabelana):

iinqhemha ezi-5 zangama-10

Hlanganisa inani loke:

Buyabuyelela inani loke:

Yaba iimbalisi ezima-25 hlangana naku-5

Khupha inani loke:

Isibalo sokwabiwa hlangana (ukwabelana):



Bala.

iinqhemha ezi-2 zangali-11 \_\_\_\_\_ iinqhemha ezi-3 zangali-10 \_\_\_\_\_

iinqhemha ezi-4 zangaku-4 \_\_\_\_\_ iinqhemha ezi-2 zangama-25 \_\_\_\_\_

yaba ama-20 ngaku-2 \_\_\_\_\_ yaba ama-27 ngaku-3 \_\_\_\_\_

yaba ama-50 ngaku-5 \_\_\_\_\_ yaba ama-28 nge-2 \_\_\_\_\_



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Date:



buyelela kibili

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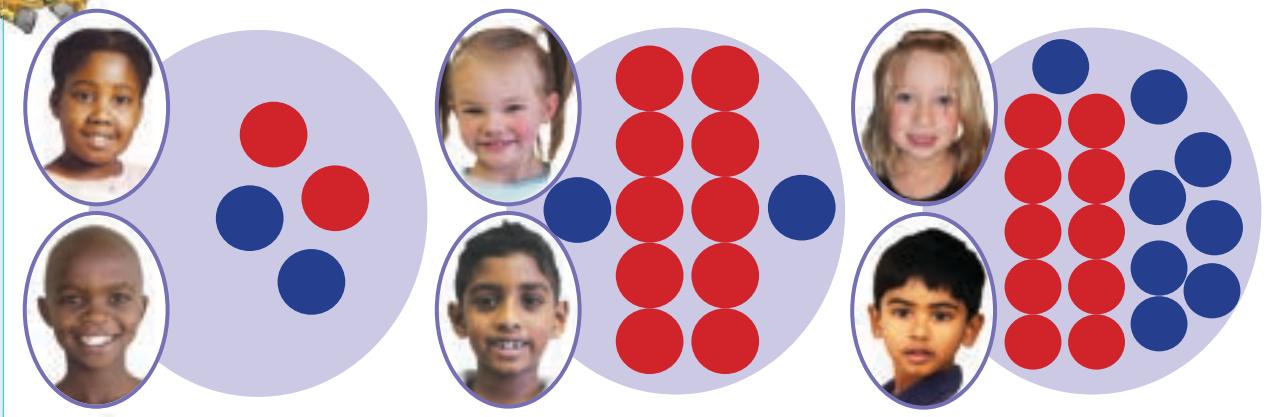
Ithemu 2



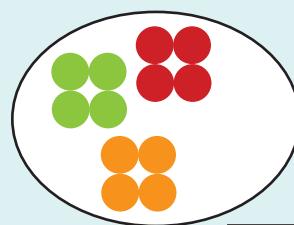
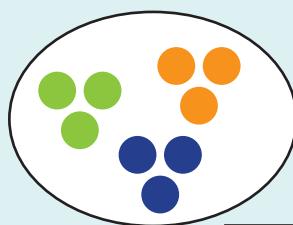
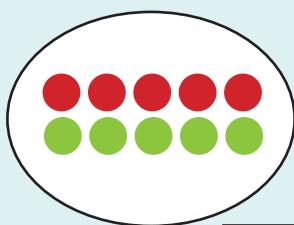
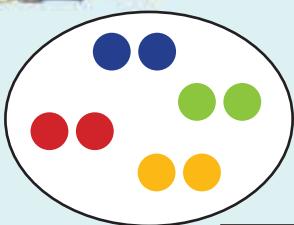
## Okhunye godu ukubuthelela nokwaba

Kuneembali ezingaki ngaphakathi kwesiyingi ngasinye? Yabela abentwana ababili ngokulinganako.

Ilanga:



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:

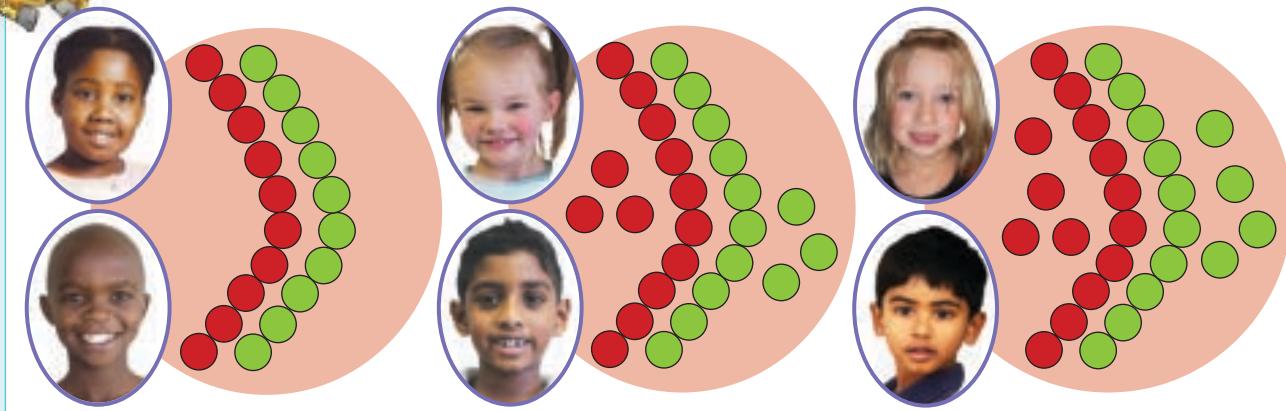
Sign:

Date:

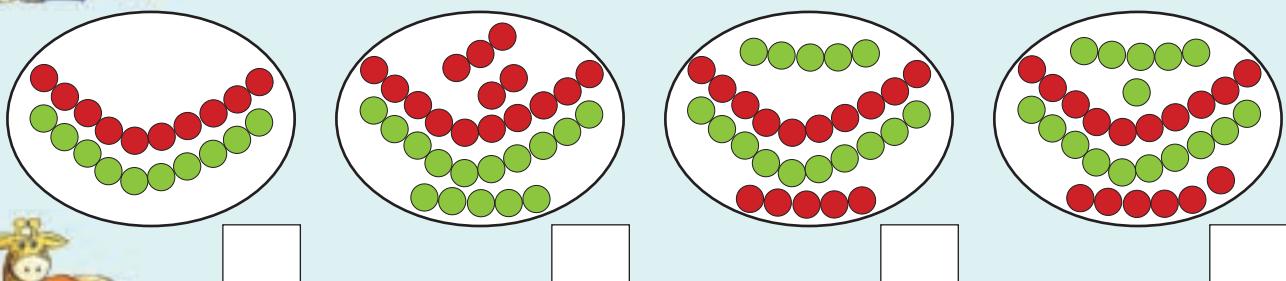
Ilanga:

## Okhunye godu ukubuthelela nokwaba

Mngaki umncamo owubala ngeenthoro 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

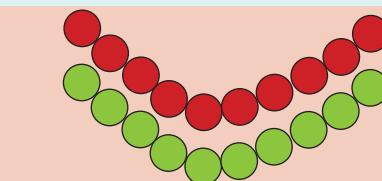
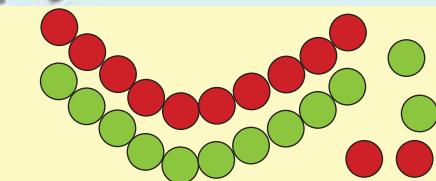
Umncamo ohlaza satjani



Gwala isibalo esilinganako somncamo womntwana ngamunye.



Yaba umncamo hlangana nabentwana. Gwala.



UBusi no Zaheda babelana amakhrayoni ama - 32 ngokulingana.  
Umntwana ngamunye ufunyene amakhrayoni amangaki?

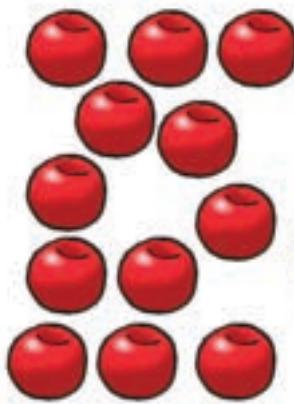


Teacher:

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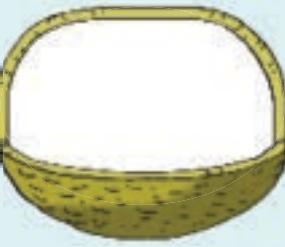
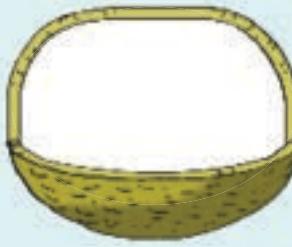
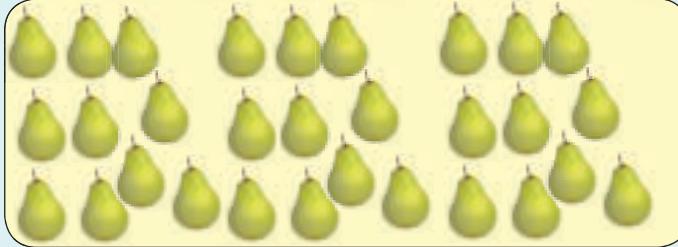
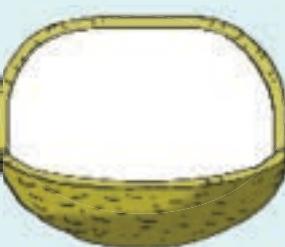
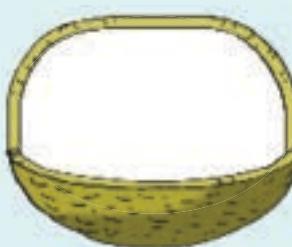
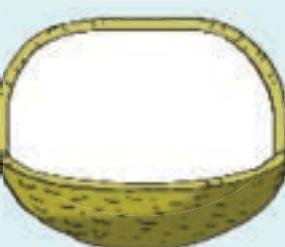
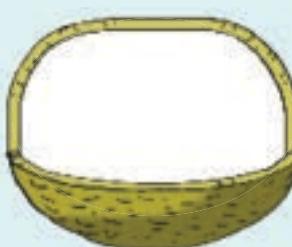
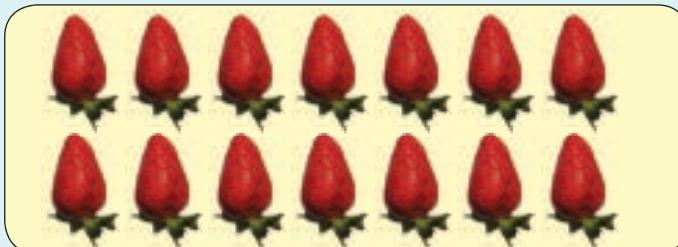
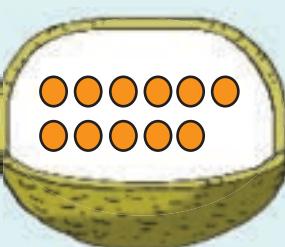
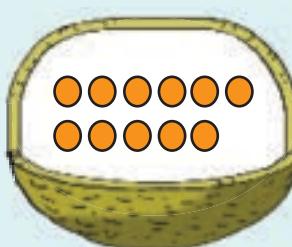
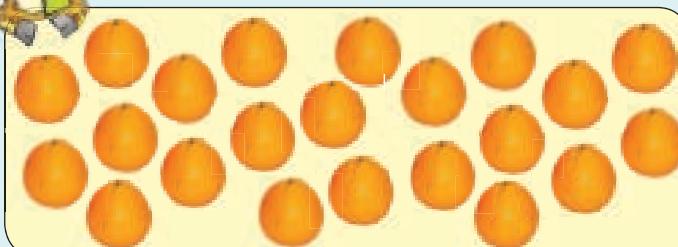
## Amahafu: 1 – 20



Kwenzekeni ngama-apula?

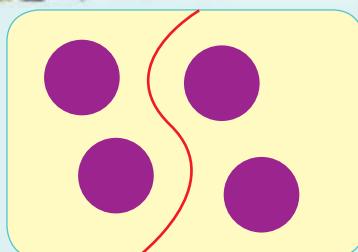


Yaba iinthelo ezingesinceleni uzabele ngemantjini engesidleni. Zigwale.

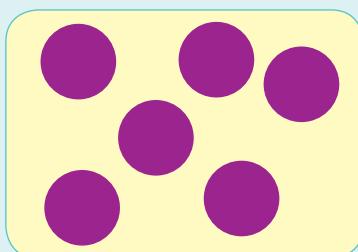




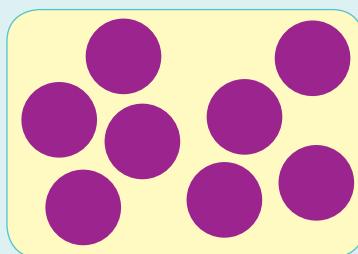
Thala umuda ukutjengisa ihafu.



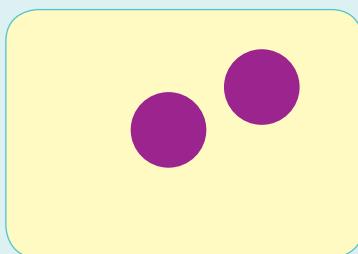
Ihafu yaku-4  2



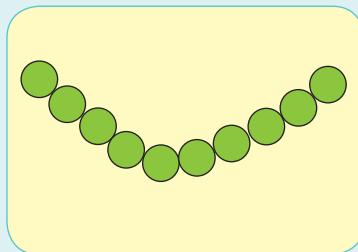
Ihafu yesi-6



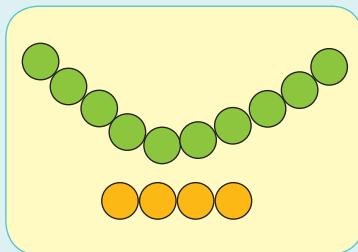
Ihafu yobu-8



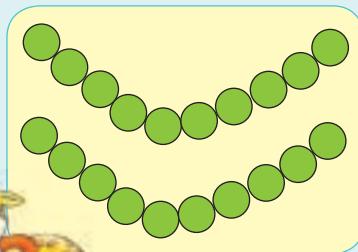
Ihafu yaku-2



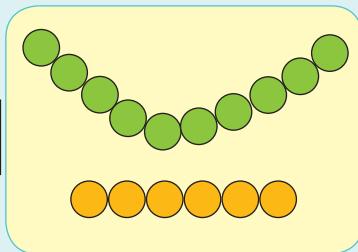
Ihafu ye-10



Ihafu ye-14



Ihafu yama-20

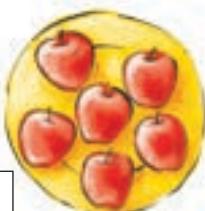


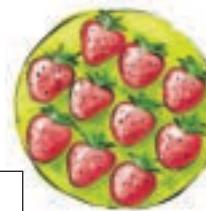
Ihafu ye-16

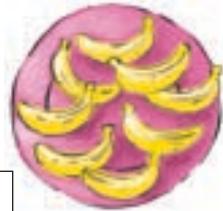


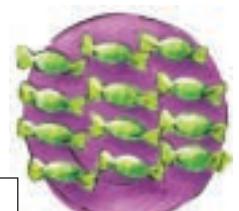
Iyini ihafu yepleyidi ngalinye lokudla?

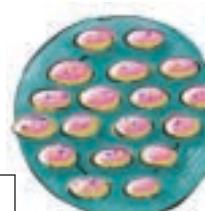


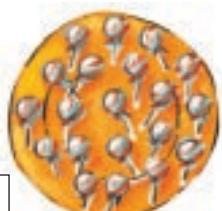












Teacher:

Sign:  
Date:

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Ithemu 2

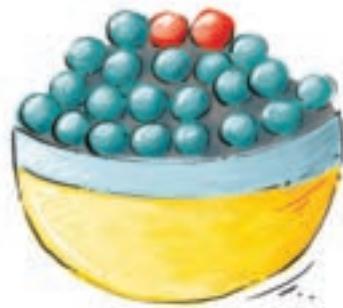


Ilanga:

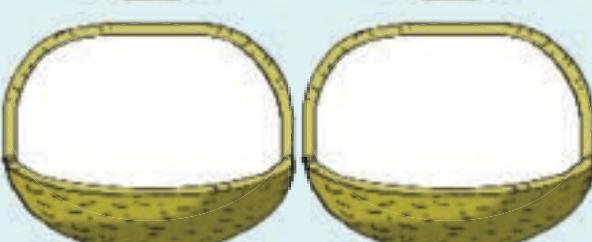
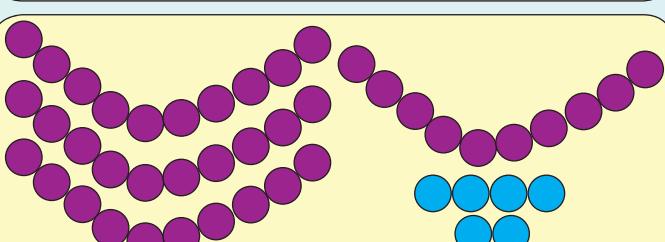
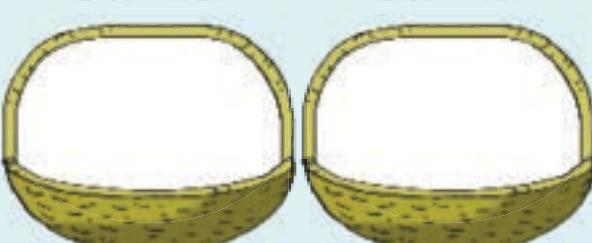
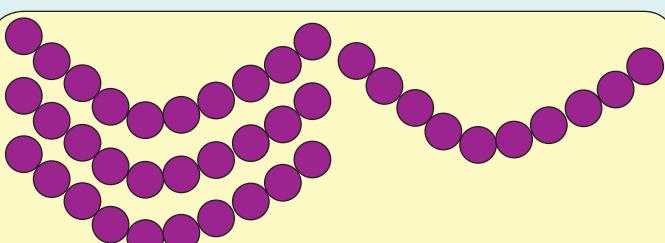
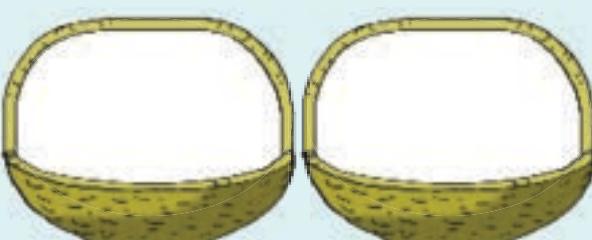
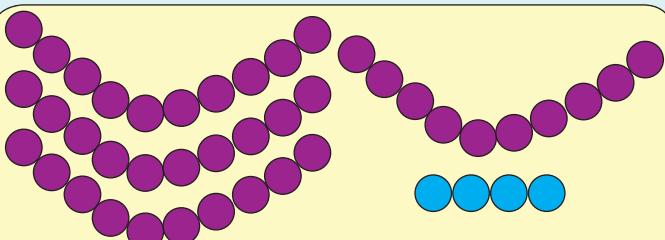
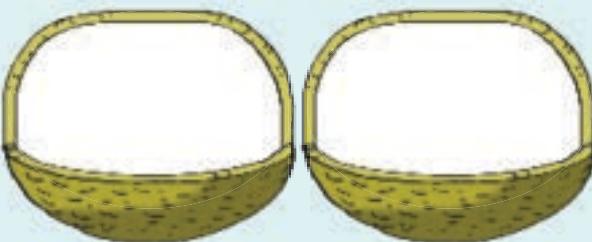
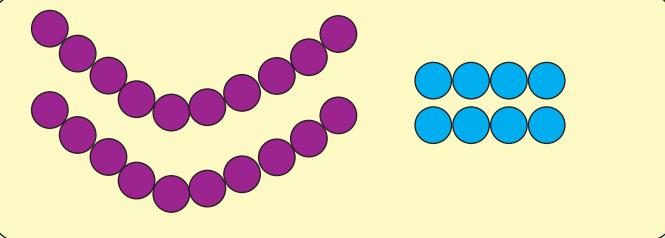
## Ukwabelana 20 – 50



Kwenzekeni ngomncamo?

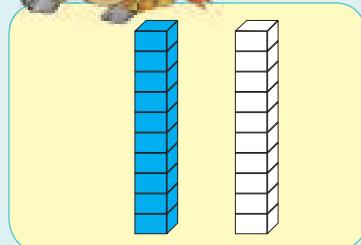


Yaba umncamo ongesinceleni uwabele ngemantjini engesidleni. Ugwale.

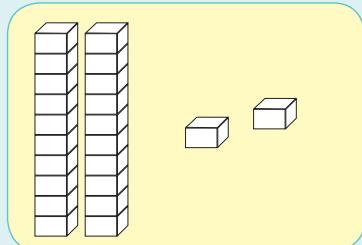




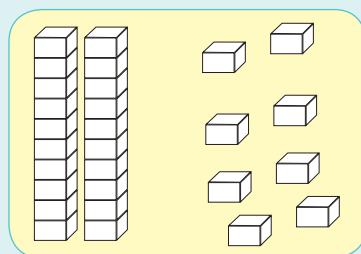
Yenza ihafu yinye yombala ohlukileko.



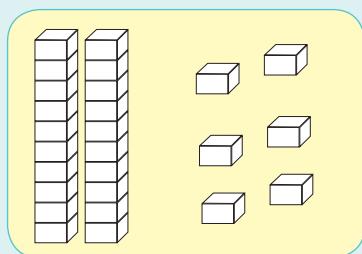
Ihafu yama-20  10



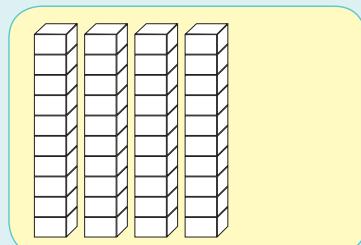
Ihafu yama-22



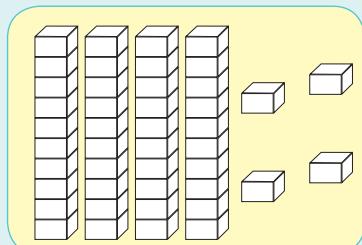
Ihafu yama-28



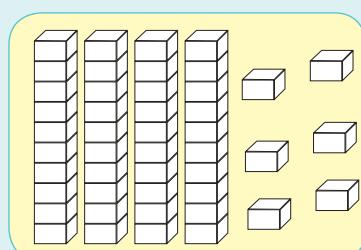
Ihafu yama-26



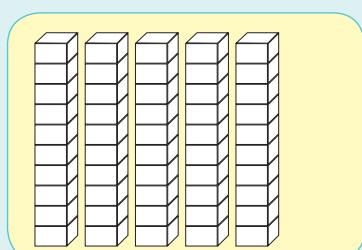
Ihafu yama-40



Ihafu yama-44



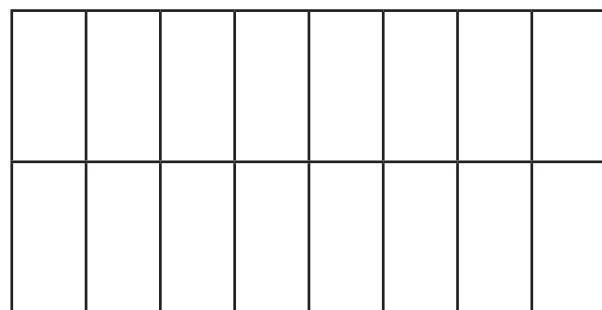
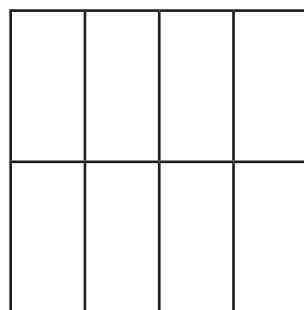
Ihafu yama-46



Ihafu yama-50



Faka ihafu yedayagramu ngayinye umbala.



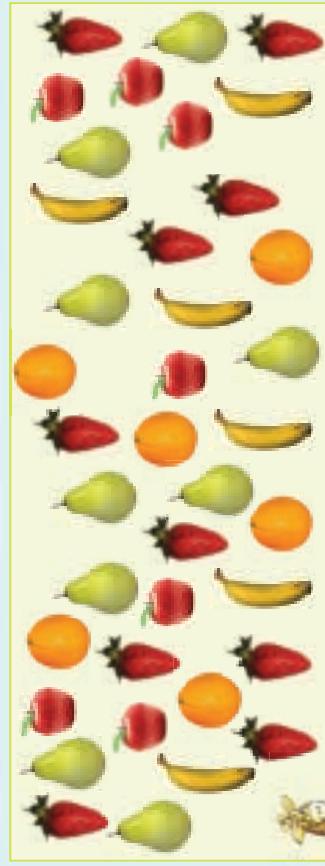
Teacher:  
Sign:  
Date:

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Ithemu 2

## Idatha

Ilango:



Hlala intshelo. Yenza umgwalu ongewakho ukutjengisa lokho.  
Tola inani ngingaphakathi kwebhoks.











Ngokuhela  
ngikwazile ukubeka  
intshelo ezifanako  
ndawonge.

1 2 3 4 5 6 7 8 9 10

Gwala isithombe sakho sephikhografu esitjengisa intshelo zokho ezhleliweko.


Qala isithelo ngasinye bese uphendula imibuzo.


Ngisiphi istshelo esinaso  
ngdouenengi?

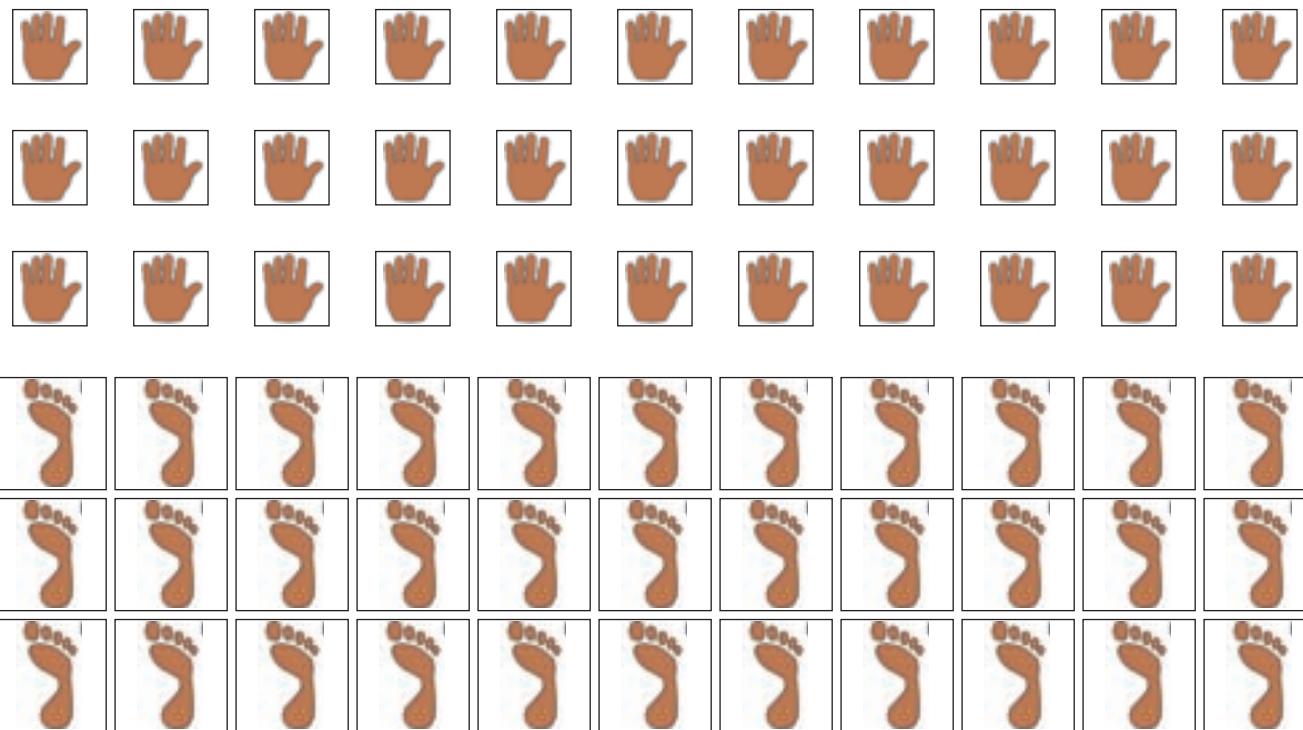
Ngisiphi istshelo esinaso  
esingasisinenengi?

Teacher:  
Sign:  
Date:

11 12 13 14 15 16 17 18 19 20

# Usika-l

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

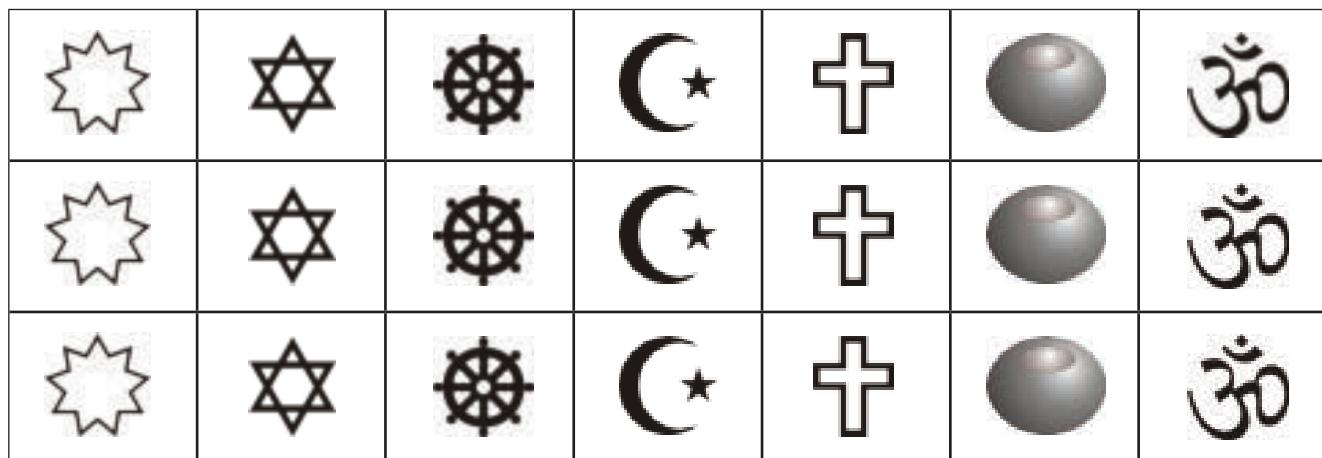
Ilanga  
labatjha

Ilanga lamasiko

Ilanga  
labantu bengubo

Ilanga  
lekululeka

Amatshawayo wekolo



yamaBahayi

Ikolo yamaJuda

Ikolo yamaBuddhist

Ikolo yamaIslamu

Ikolo yamaKristu

Ikolo yeSintu

Ikolo yamaHindu



## Cut-out 3

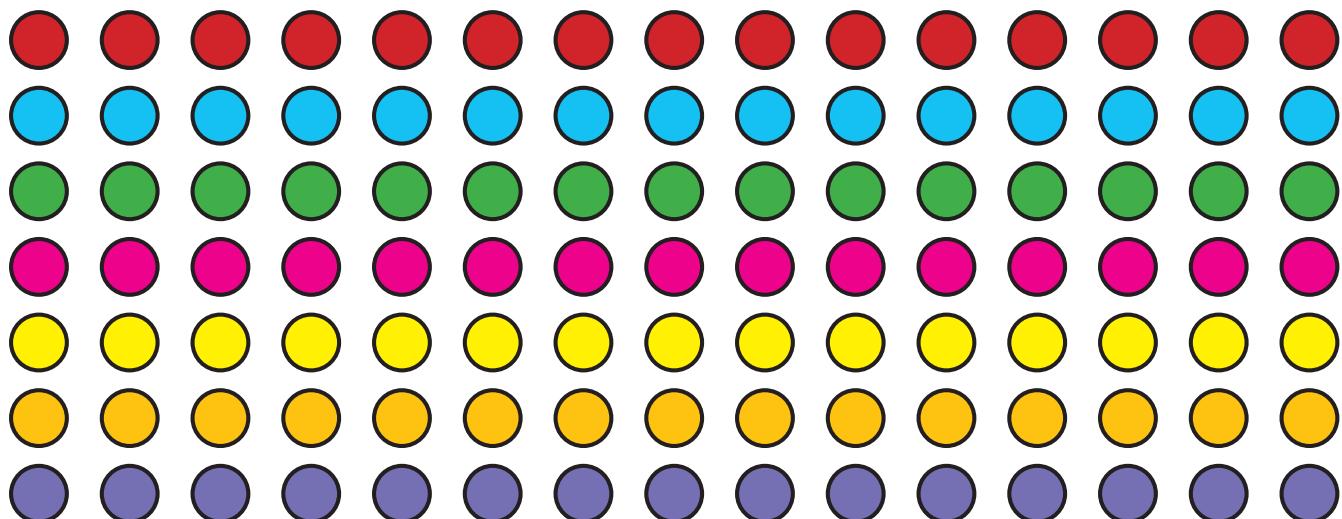
Worksheets 25 and 26



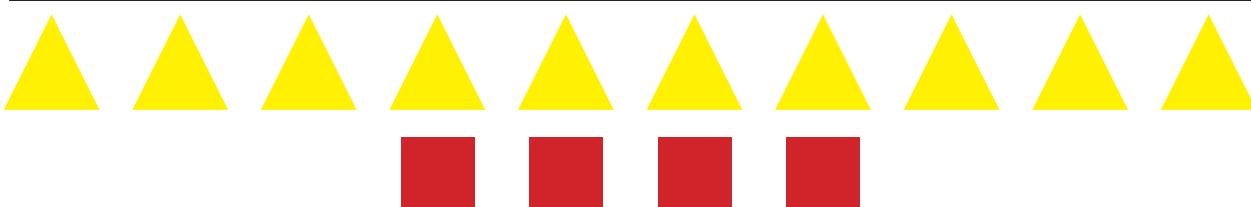
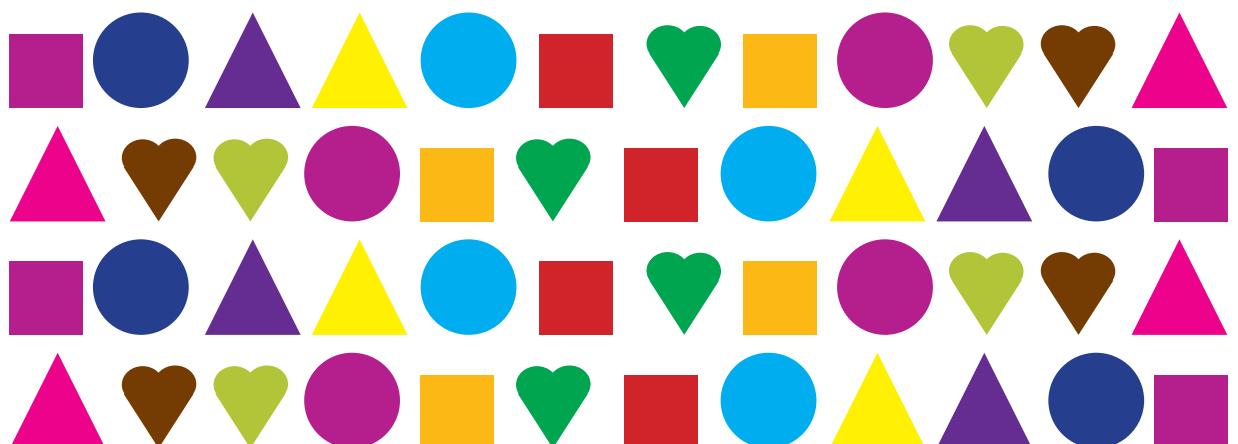


## Cut-out 4

### Worksheet 27



### Worksheet 60



### Worksheet 61

