

**Ukufunda ngoMthethosisekelo weRiphabliki yeSewula (1996)**

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

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

- Kuqakathekile ukwazi izehlakalo zesikhathini esidlulile ko.**
- Asingabu yeleli iimphoso zangesi khathi esidlulile ko.**
- UMthethosisekelo usisiza ukucabanga nok wakha iingomuso eling cono lethu soke.**

Thina, abantu beSewula Afrika;

Siyakwazi ukungaphatheki kwethu ngokomthetho esikhathini esadlulako;

Siphathela phezulu abahlukunyezwa ngebanga lokobana kubenokulunga begodu nekululeko enarheni yekhethu;

Sihlonipha labo abasebene ekwakheni begodu nekuthuthukiseni iphasi lekhetu; begodu

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

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

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

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

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

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

**Funa ngekani amalungelo wakho njengesa khamuzi seSewula Afrika bewube nesibopho so kuvi kela amalungelo wabanye abantu.**

**Ukwazi umThethomling wa wamalungelo Kanye nomThethomling wa weembopho.**

*UZimu akavikele abantu bekhethu.*

*Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.*

*God seën Suid-Afrika. God bless South Africa.*

*Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.*

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MATHEMATICS IN ISINDEBELE

GRADE 2 – BOOK 1

TERMS 1 & 2

ISBN 978-1-920458-97-3

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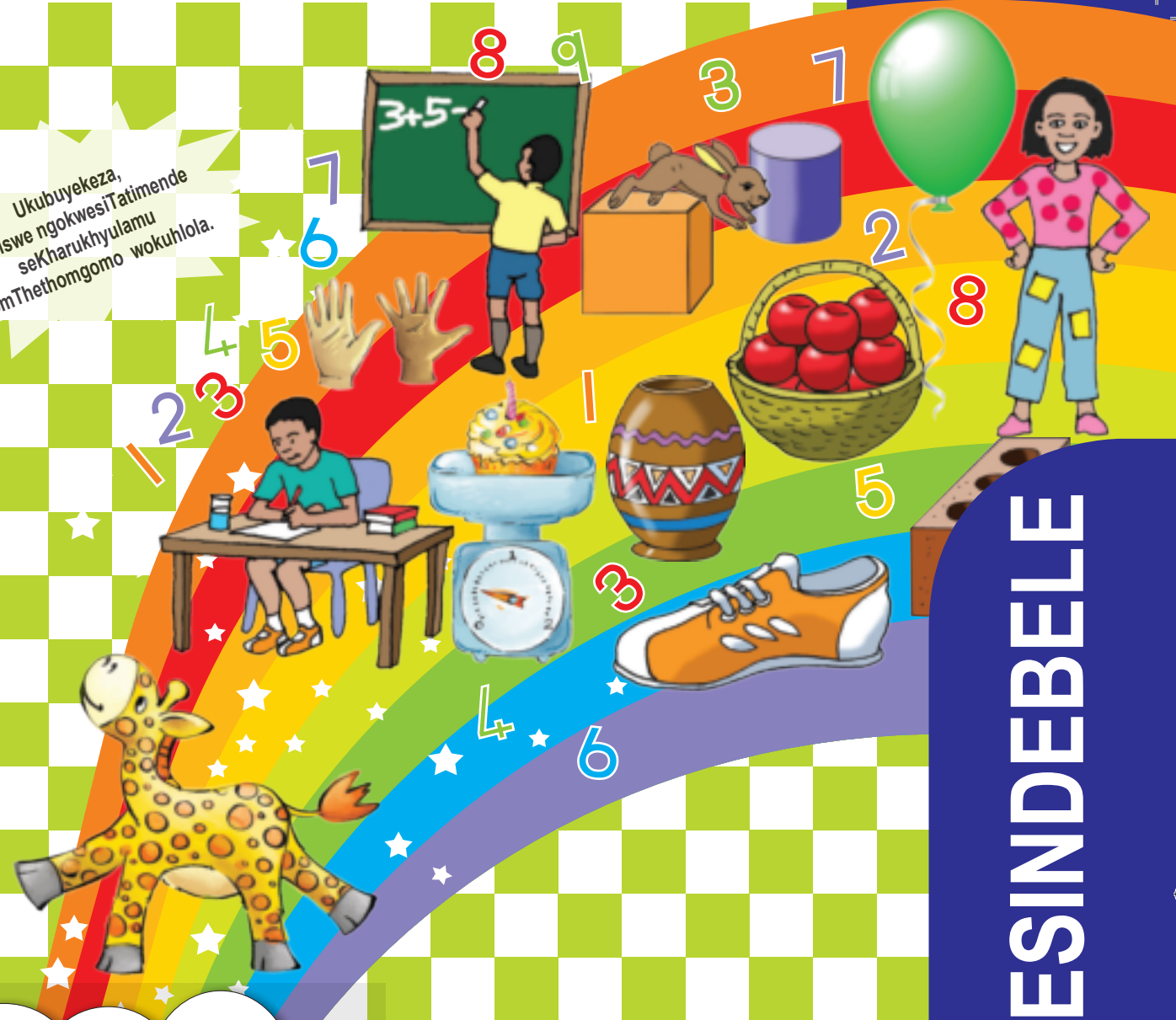
14th Edition



IIMBALO NGESINDEBELE – iGreyidi 2 Incwadi 1

ISBN 978-1-920458-97-3

Ukubuyekeza, ihlaliswe ngokwesiTatimende seKharukhyulamu nomThethomgomo wokuhlola.



iGreyidi **2**

Ibizo:

Itlasi:



basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

IIMBALO NGESINDEBELE

Incwadi 1

Ithemu  
1 & 2

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UKkz. Angie Motshekga,  
nguNqongqotjhe  
weFundo-Sisekelo



Dorh. Reginah Mhaule  
nguSekela kaNqongqotjhe  
weFundo-Sisekelo

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

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

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

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

*Sinifisela ipumelelo ekusebenziseni iincwadi lezi.*



Igreyidi

2



NGESINDEBELE

Incwadi le ngeyaka-:



ISINDEBELE

Incwadi



Ilanga:

## Mina nomdeni wakwethu

Ngineminyaka  
ebunane.



Inomboro  
yendlu yekhaya  
li-12.



Ngingomncani  
emndenini  
wakwethu.



Nginabodade  
ababili.



Ubaba  
uneminyaka  
ema-32  
ubudala.



Zalisa iimpendulo emibuzweni elandelako mayelana nawe kanye nomdeni wakwenu.

Ibizo lami ngingu \_\_\_\_\_.

Ngine \_\_\_\_\_ ubudala.

Emnyakeni emibili edlulileko bengi \_\_\_\_\_ ubudala.

Emnyakeni owodwa ngizabe ngi \_\_\_\_\_ ubudala.

Ngihlala \_\_\_\_\_.

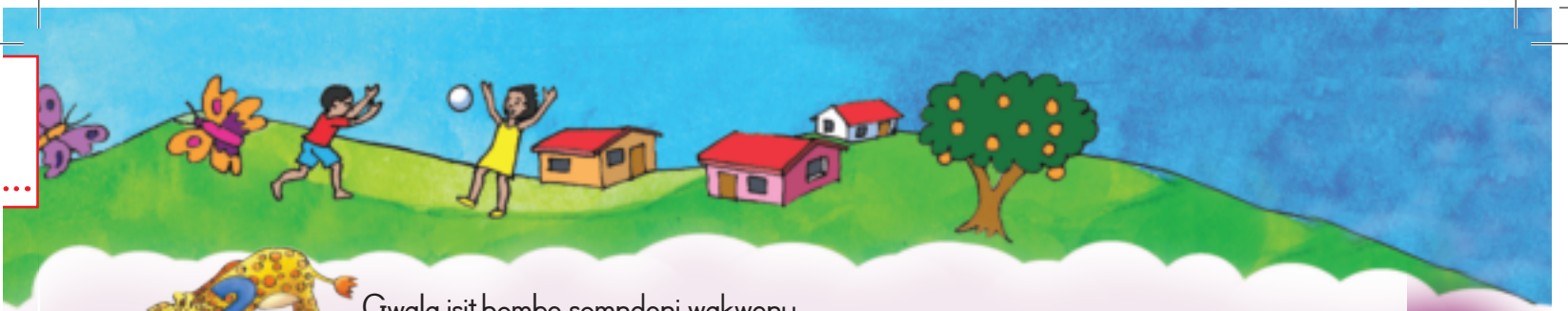
Ngubani omdala emndenini wakwenu? \_\_\_\_\_

Tlola kobana omdala lo uneminyaka emingaki. \_\_\_\_\_

Ngubani omncani emndenini wakwenu? \_\_\_\_\_


Tlola kobana omncani lo uneminyaka emingaki. \_\_\_\_\_

Idatamu yanamhlanje \_\_\_\_\_.



Gwala isithombe somndeni wakwenu.

Large empty rectangular area with a dashed border for drawing.



1 2 3 4 5 6 7 8 9

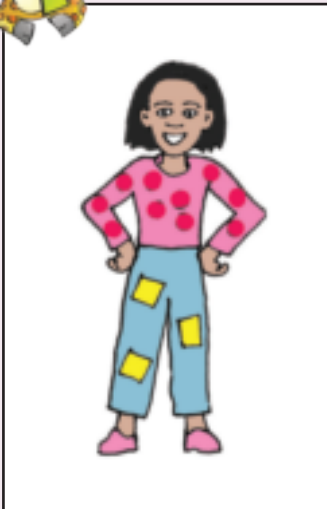


Teacher:  
Sign:  
Date:

Ukubala



Bala uzalise iinkhala ezinganalitho.

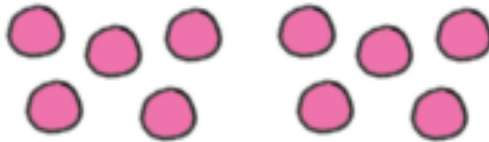


amehlo

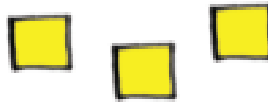


2

amacaphazi



amapetjhi



amehlo

amacaphazi

amapetjhi



amehlo

amacaphazi

amapetjhi



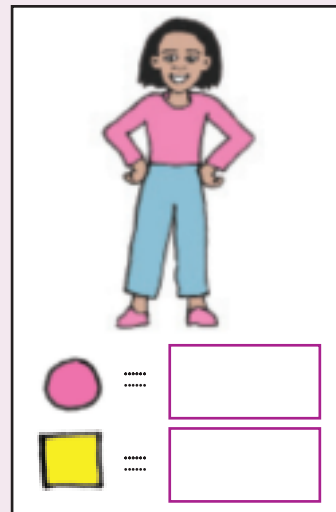
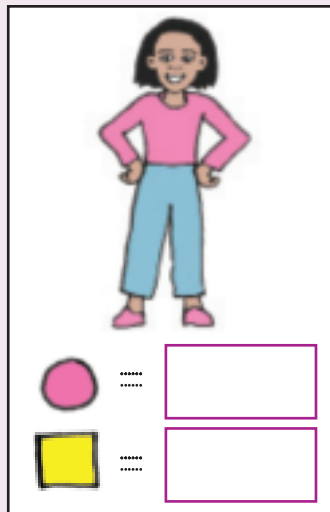
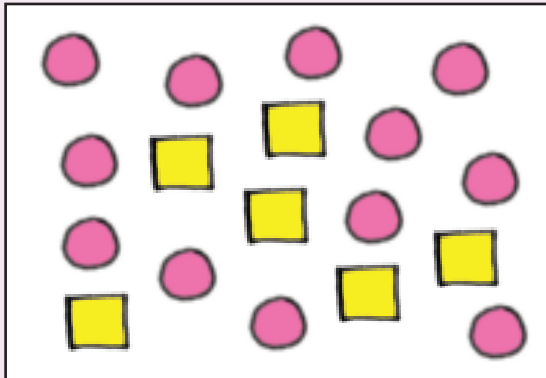

amehlo

amacaphazi

amapetjhi




Yaba amacaphazi namapetjhi ngokulingana.



Teacher:  
Sign:  
Date:



Iinomboro

Funda amatshwayo weenomboro namagama ebhodini.

1	73	59	lithoba	litjhumi nakunye
66	35		litjhumi nakune	
42	97		kune	sithandathu
24	32	litjhumi nethoba	litjhumi	




Tlola isibalo somncamo ngebhlogweni.

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



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

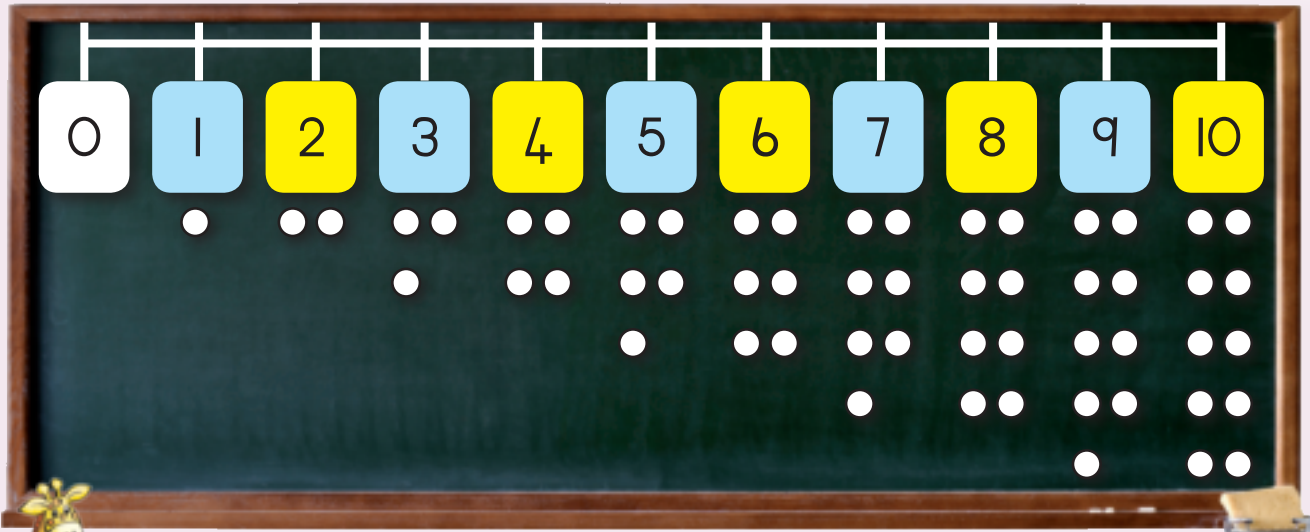


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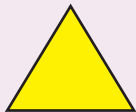


Ilanga:

Ezinye iinomboro



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



linganako



ngalinganiko

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



Isibalo sezindlu.





Bala imibala yomibili yomncamo.

10 blue dots and 2 red dots

10 blue dots and 3 red dots

10 blue dots and 5 red dots

10 blue dots and 8 red dots

10 blue dots and 9 red dots

Tlola inomboro eyipendulo.

$10 + 2 = 12$

$10 + 3 = \square$

$10 + 5 = \square$

$10 + 8 = \square$

$10 + 9 = \square$

Singayitlola njengokuthi:

$10 + 2 = 12$

$\square + \square = \square$

$\square + \square = \square$

$\square + \square = \square$

$\square + \square = \square$



Ithini ipendulo.

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

1 3 5 7 9 11 13 15 17 19

2 4 6 8 10 12 14 16 18 20



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

Ukuhlanganisa nokukhupha



Hlanganisa begodu ukhuphe.

$9 + 8 = \boxed{17}$

$18 - 8 = \boxed{\phantom{00}}$

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

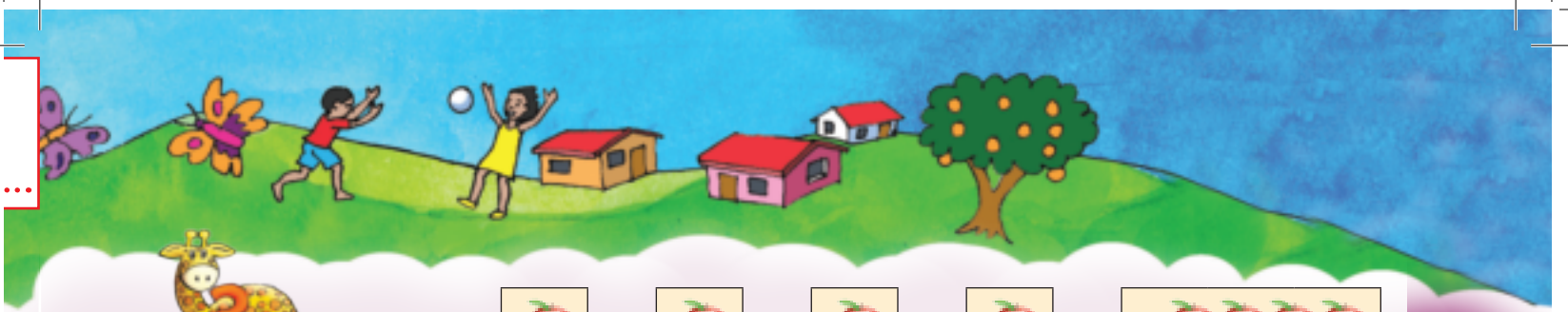
$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$

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



Bala.

$6 + 5 = \boxed{\phantom{00}}$	$8 + 9 = \boxed{\phantom{00}}$	$11 + 3 = \boxed{\phantom{00}}$	$12 - 5 = \boxed{\phantom{00}}$
$8 + 7 = \boxed{\phantom{00}}$	$3 + 8 = \boxed{\phantom{00}}$	$9 - 5 = \boxed{\phantom{00}}$	$16 - 9 = \boxed{\phantom{00}}$
$6 + 4 = \boxed{\phantom{00}}$	$8 + 4 = \boxed{\phantom{00}}$	$8 - 4 = \boxed{\phantom{00}}$	$6 - 4 = \boxed{\phantom{00}}$



Hlanganisa.

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

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



Bala.

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



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



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

6

Ilanga:   
 .....






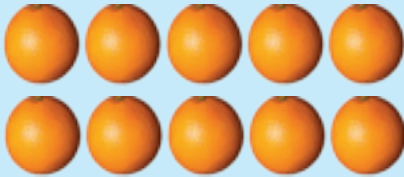










Ithemu I

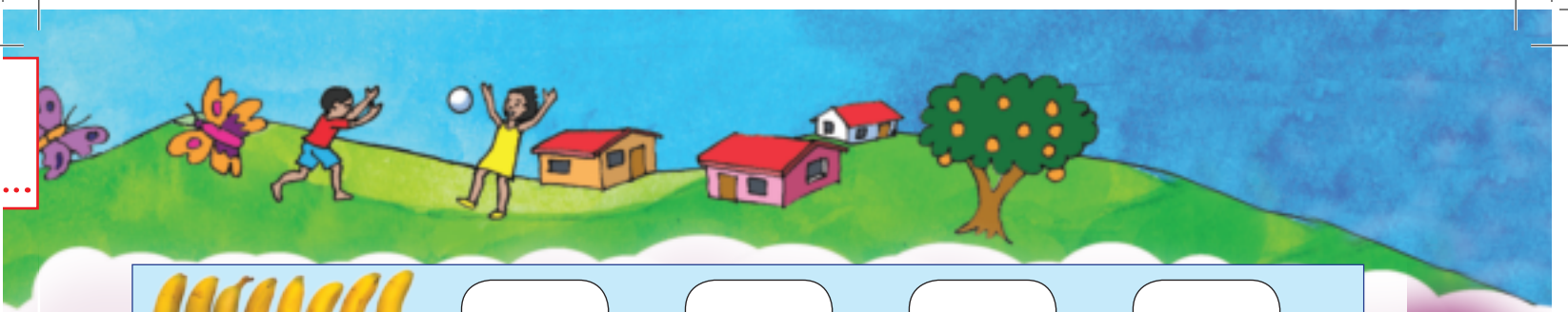
### Ukwabelana kanye nemali






						
						

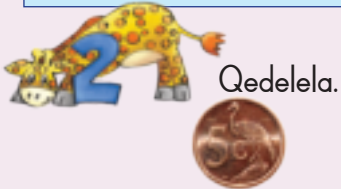



Yabelana ngeentlo ezingenzi.





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



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







			
amasende ama-5	<input type="text"/>	<input type="text"/>	<input type="text"/>

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



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

	=	<input type="text" value="10c"/>	<input type="text" value="10c"/>	<input type="text" value="5c"/>	<input type="text" value="2c"/>	<input type="text" value="1c"/>	<input type="text" value="2c"/>
	=	<input type="text" value="5c"/>	<input type="text" value="2c"/>	<input type="text" value="2c"/>	<input type="text" value="1c"/>	<input type="text" value="2c"/>	<input type="text" value="2c"/>
	=	<input type="text" value="R2"/>	<input type="text" value="R2"/>	<input type="text" value="R1"/>	<input type="text" value="R1"/>	<input type="text" value="R1"/>	

	=	<input type="text" value="R5"/>	<input type="text" value="R2"/>	<input type="text" value="R1"/>	<input type="text" value="R5"/>	<input type="text" value="R1"/>	<input type="text" value="R2"/>
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	=	<input type="text" value="R2"/>	<input type="text" value="R2"/>	<input type="text" value="R5"/>	<input type="text" value="R5"/>	<input type="text" value="R2"/>	<input type="text" value="R1"/>	<input type="text" value="R5"/>
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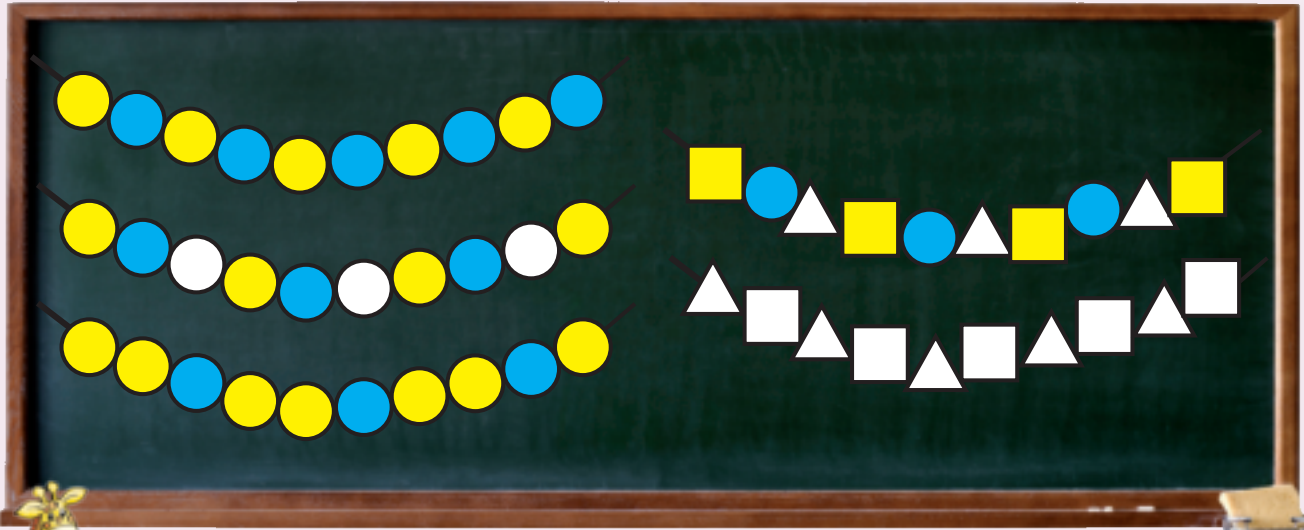
	<input type="text" value="R1"/>	<input type="text" value="1c"/>	<input type="text" value="R5"/>	<input type="text" value="5c"/>	<input type="text" value="R10"/>
---	---------------------------------	---------------------------------	---------------------------------	---------------------------------	----------------------------------



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

Ilanga: \_\_\_\_\_

# Amaphetheni



Kopulula amaphetheni asebhodini uwakopululele eenkhaleni ezingenzasi:

Three rows of 14 empty circles each for copying the first string of beads. Below them is a row of 14 shapes: square, circle, triangle, square, circle, triangle, square, circle, triangle, square, circle, triangle, square, circle.

Empty rounded rectangular box for writing.



Ngezelela amaphetheni.

Row of 5 circles: yellow, blue, yellow, blue, yellow.

Row of 6 shapes: green triangle, green square, green triangle, green square, green triangle, green square.

Row of 8 shapes: yellow square, red circle, green triangle, yellow square, red circle, green triangle, yellow square, red circle.



Faka umbala emncanyeni nawulokhu ubala ngakubili.

2	4	6							



Faka umbala ngemathuthumbeni nawulokhu ubala ngakuhlano.

5	10	15							



Faka umbala ngemncanyeni nawulokhu ubala ngamatjumi.

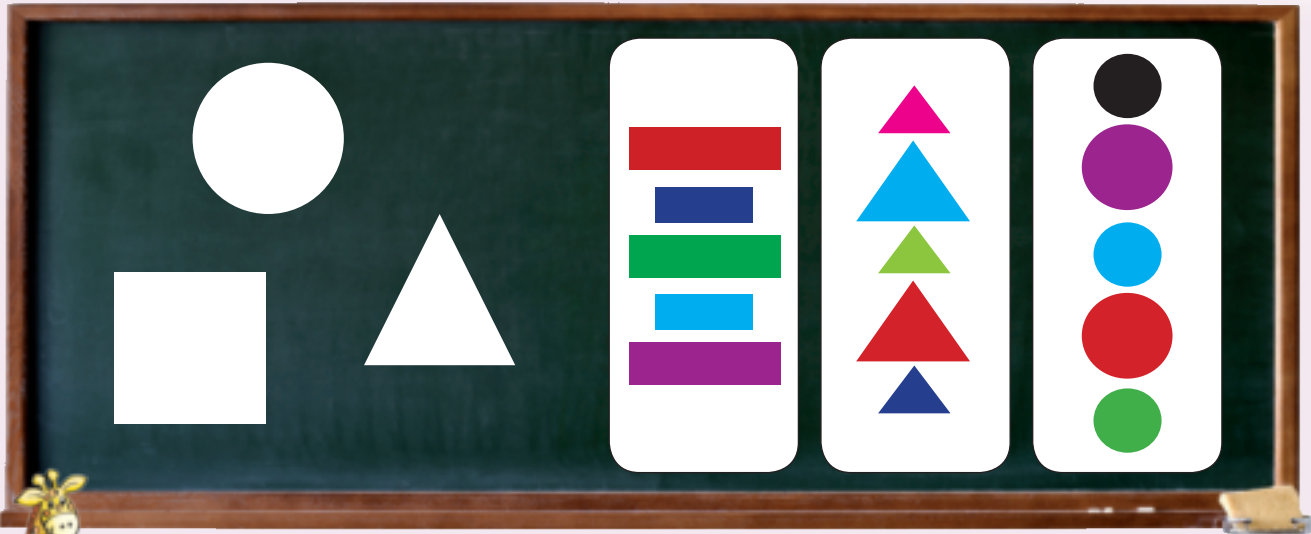
10	20	30							

0 1 2 3 4 5 6 7 8 9 10

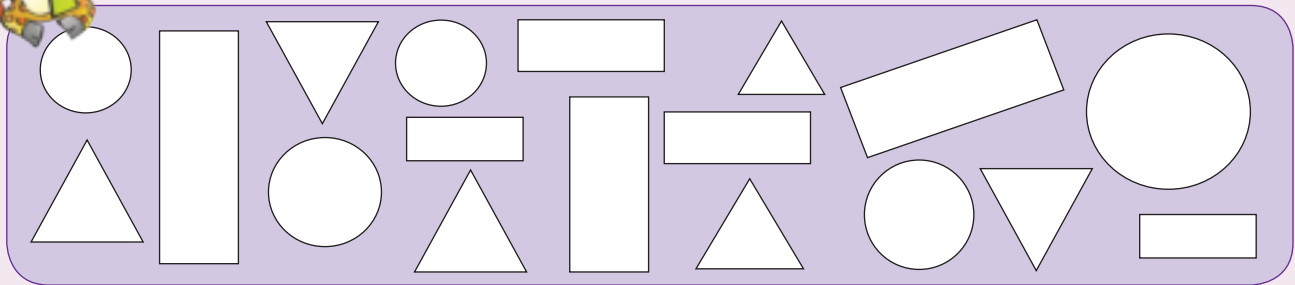


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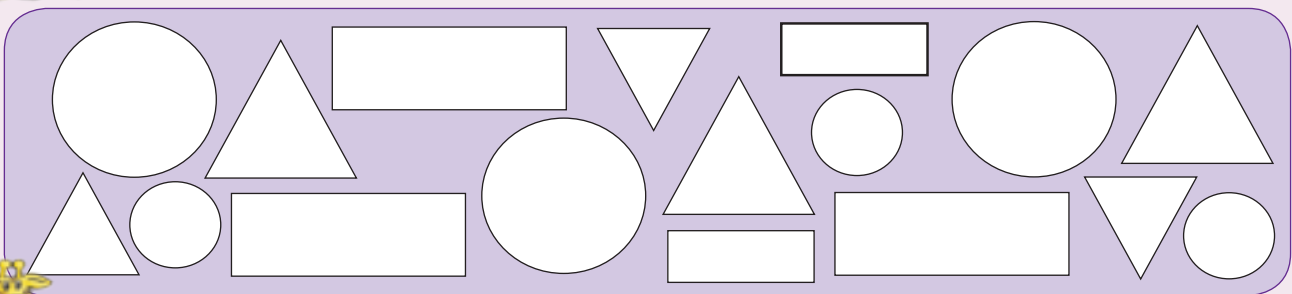
Amabumbeko



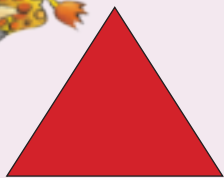
Faka aboncazine umbala ohlaza kwesibhakabhaka, amasekeli abe bomvu aboncantathu babe sarulani.



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



Faka umbala ependulweni efaneleko.



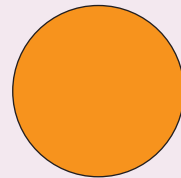
nqophileko

isekeli



nqophileko

isekeli

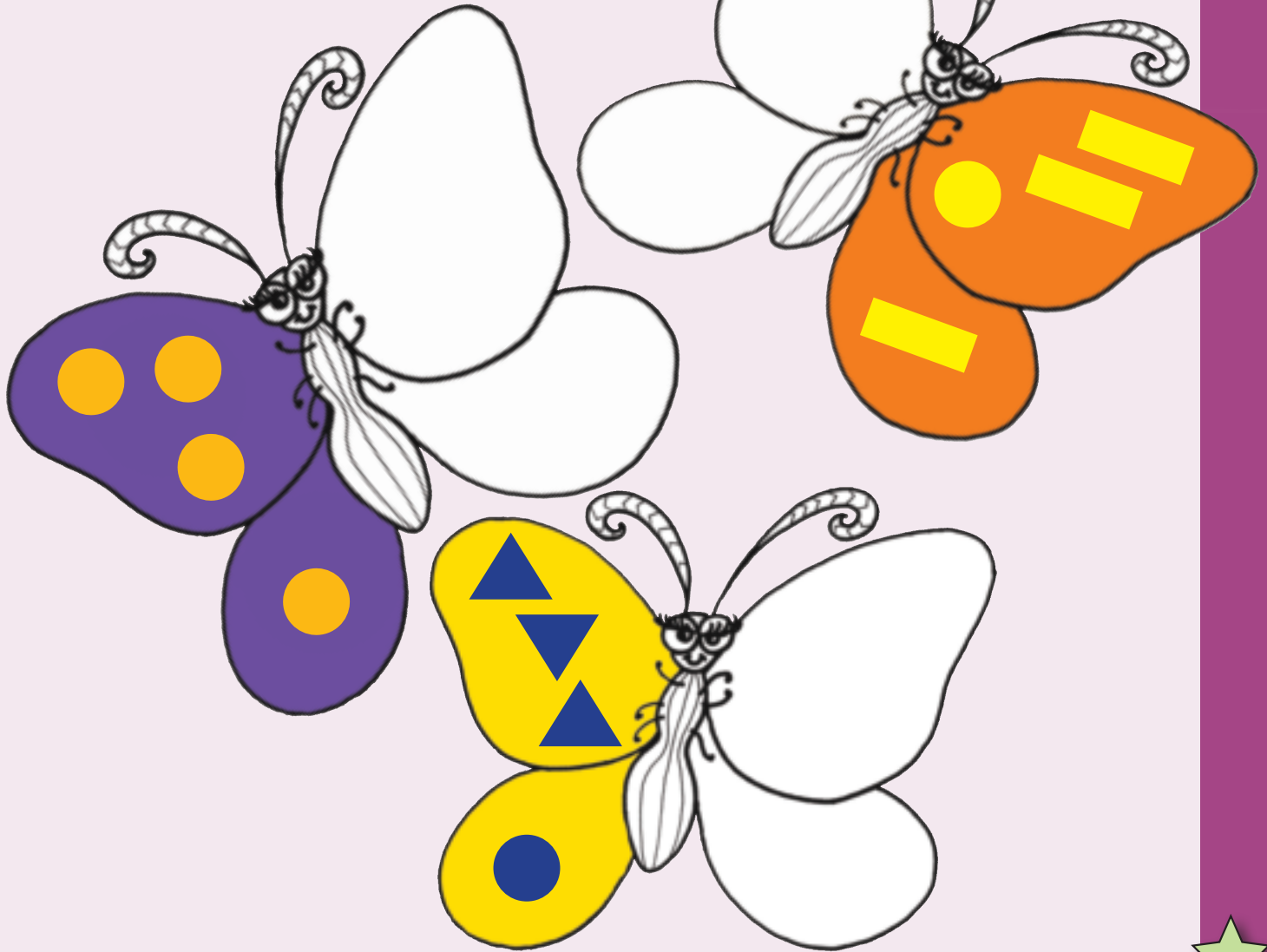


nqophileko

isekeli



Gwala amanye amahlangothi wamaviyaviyani.



○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○  
△ △ ○ △ △ ○ △ △ ○ △ △ ○

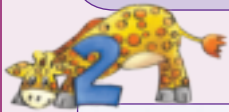


Teacher:  
Sign:  
Date:

Iimbholo namabhoksi



Ndulungela amabhoksi ngokuhlaza kwesibhakabhaka begodu iimbholo ngokubomvu.



Faka umbala ependulweni efaneleko.



Ibhoksi

liyatjhelela

liyagedeka




Ibholo

iyatjhelela


iyagedeka




Faka umbala ependulweni efaneleko.




umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha




umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



umphetho oyindulungu
umphetho obunqopha



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




ngemva	ngaphambili
ngeqadi kwe	phezulu



ngemva	ngaphambili
ngeqadi kwe	phezulu



ngemva	ngaphambili
ngeqadi kwe	phezulu



ngemva	ngaphambili
ngeqadi kwe	phezulu



ibholo      ibhoksi

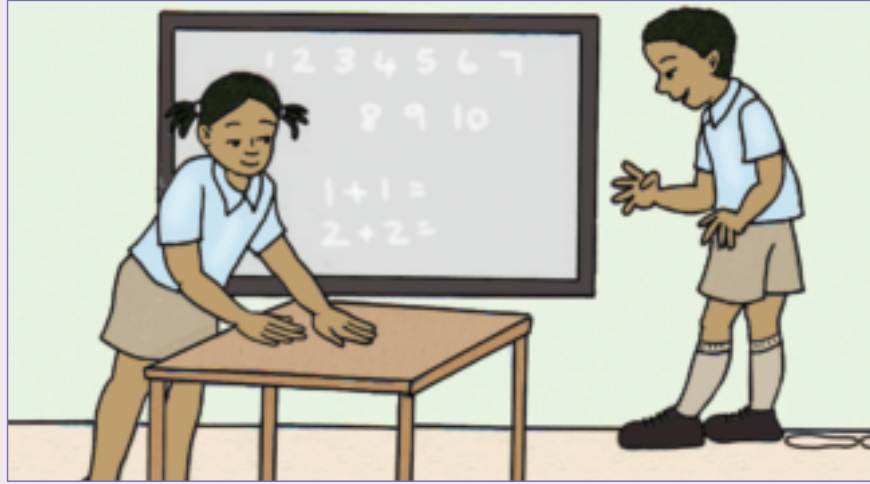


Teacher:  
Sign:  
Date:

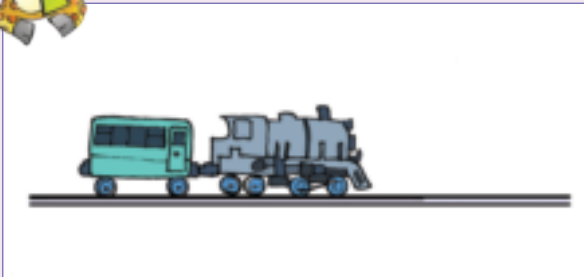
Ilanga:

## Ubude

Benzani?

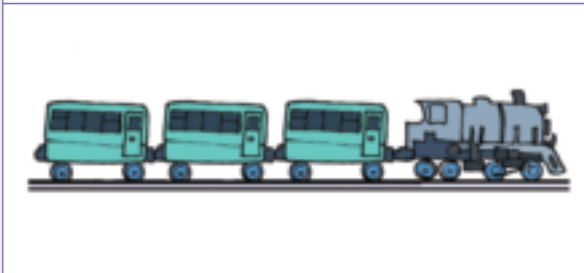


Ingabe ngisiphi isitimela esifitjhazana namkha esidenyana?



fitjhazana

denyana



fitjhazana

denyana

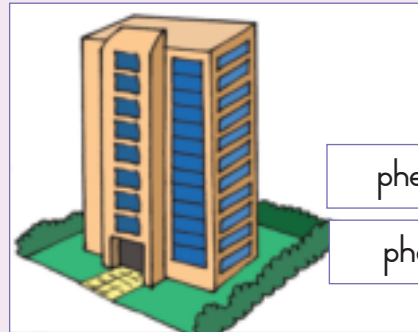


Ingabe ngimuphi umakhiwo omudenyana namkha omfitjhazana?



phezudlwana

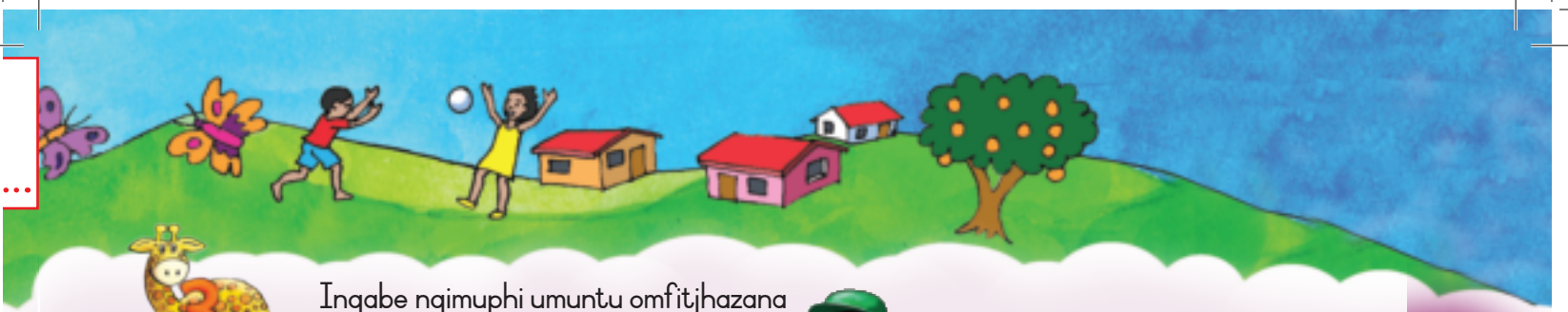
phasanyana



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?



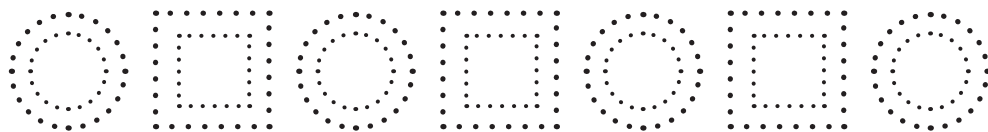




Kwanjesi meda ukuphakama kwakancazine ngesandla nangeenyawo.

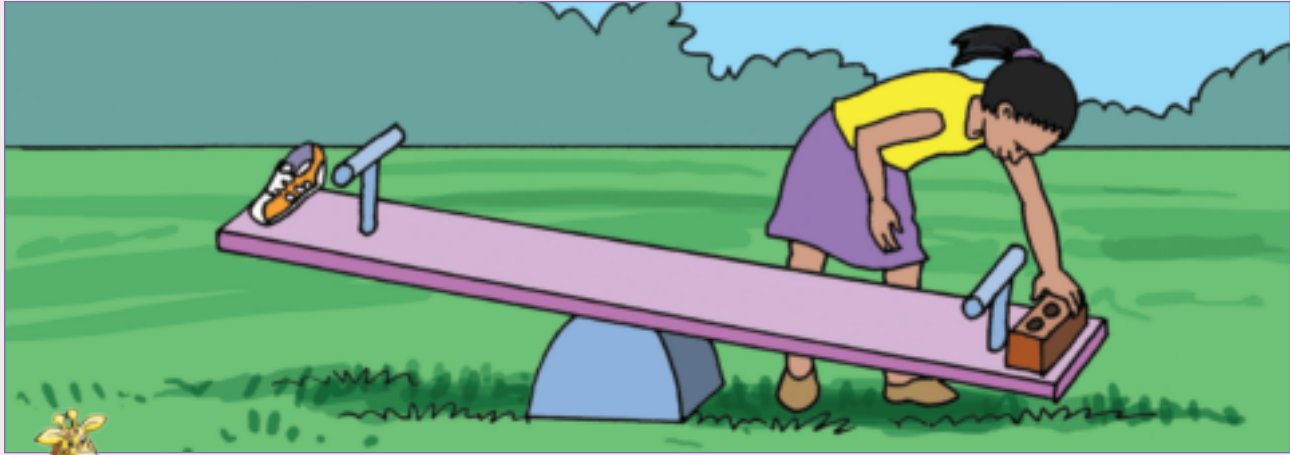




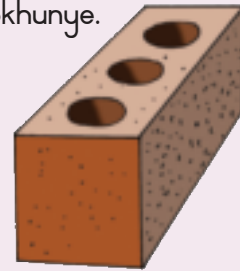


Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

# Ubungako



Yitjho kobana into le ibudisi khulu nanyana ilula khulu kunokhunye.



ibudisana

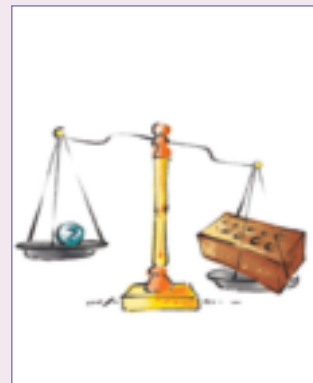
iludlana

ibudisana

iludlana



Ndulungela into ebudisana.





Ingabe into le ibudisana namkha iludlana kunekhilogremu linye?



ibudisi

ilula



ibudisi

ilula



ibudisi

ilula



libudisi

lilula


u b u d i s i    u b u l u l a



Teacher:  
Sign:  
Date:

Cocani ngesithombe.

Umthamo



Faka umbala ependulweni efaneleko.



zeleko      nganalitho      ihafu



zeleko      nganalitho      ihafu



zeleko      nganalitho      ihafu



zeleko      nganalitho      ihafu



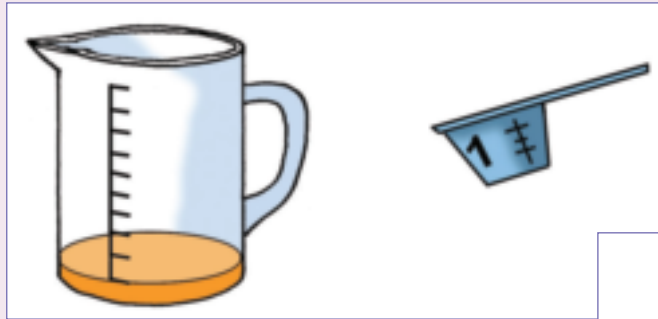
zeleko      nganalitho      ihafu



zeleko      nganalitho      ihafu

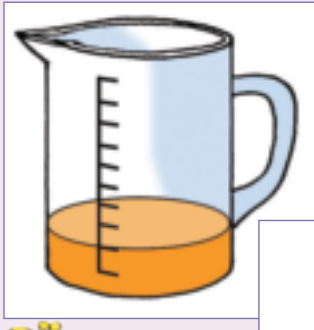


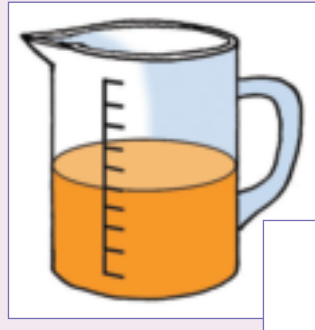
Isimedo sinye sizalisa ukufika esimeregweni sejege. Ingabe ijeye le izokuzaliswa ziimedo ezingaki?

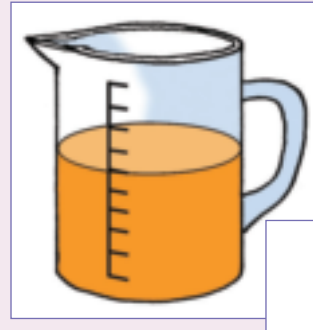




Ingabe ziimedo ezingaki ezithelwe ngeenjegeni lezi?

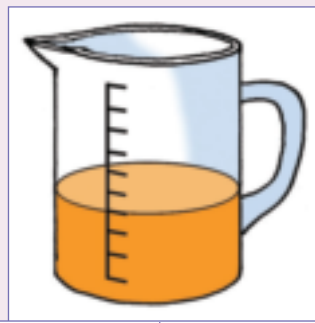








Ijege engesinceleni inejuzi e-lilitha li-l. Ingabe ngiyiphi ijege enejuzi elinganako begodu ngiyiphi enejuzi encani.



linganako

ncani

linganako

ncani



zeleko nganaliitho



Teacher:  
Sign:  
Date:

Ilanga:



## Isikhathi

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

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



Qedelela imitjho.

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

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

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

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

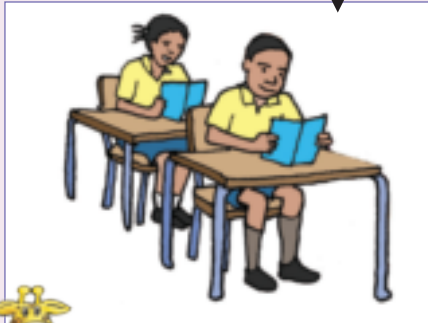
Ngi \_\_\_\_\_ ngemva kwesikhathi ngamalanga.



Izolo

Namhlanjesi

Kusasa



Phendula imibuzo.

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


Ingabe wenzani izolo? \_\_\_\_\_

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



Gwala isithombe sakho.

Izolo	Namhlanjesi	Kusasa



Izolo

O I A O I A O I A O



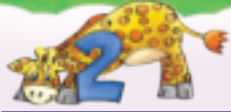
Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

Ikhhalenda lamalanga wamabeletho




Landela ukwelamana kweenyanga.

- UTjhirhwani**
  - uSipho
  - uMaryke
  - uAnnie
- UMhlanja**
  - uJeffrey
  - uSimon
- UShlabantangana**
  - uBetty
  - uLiesel
- UMrhayili**
  - uLettie
  - uRicco
  - uGeorge
- UIntaka**
  - uSam
  - uJuan
- UMgwengweni**
  - uMpho
- URhoboyi**
  - uMbali
  - uBrenda
  - uMary
- USewula**
  - uKarin
  - uJaco
- UVelabahlinze**
  - uPalesa
  - uLisa
  - uKayla
- UKhukhulamungu**
  - uJohn
- USinyikhaba**
  - uGugu
  - uDian
- UNobayeni**
  - uKara
  - uRichard
  - uDenise



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

<p>UTjirhweni</p>	<p>UMhlolanja</p>	<p>UNtaka</p>
<p>USihlabantangana</p>	<p>UMrhayili</p>	<p>UMgwengweni</p>
<p>UVelabahlinze</p>	<p>URhoboyi</p>	<p>UKhukhulamungu</p>
<p>USewula</p>	<p>USinyikhaba</p>	<p>UNobayeni</p>

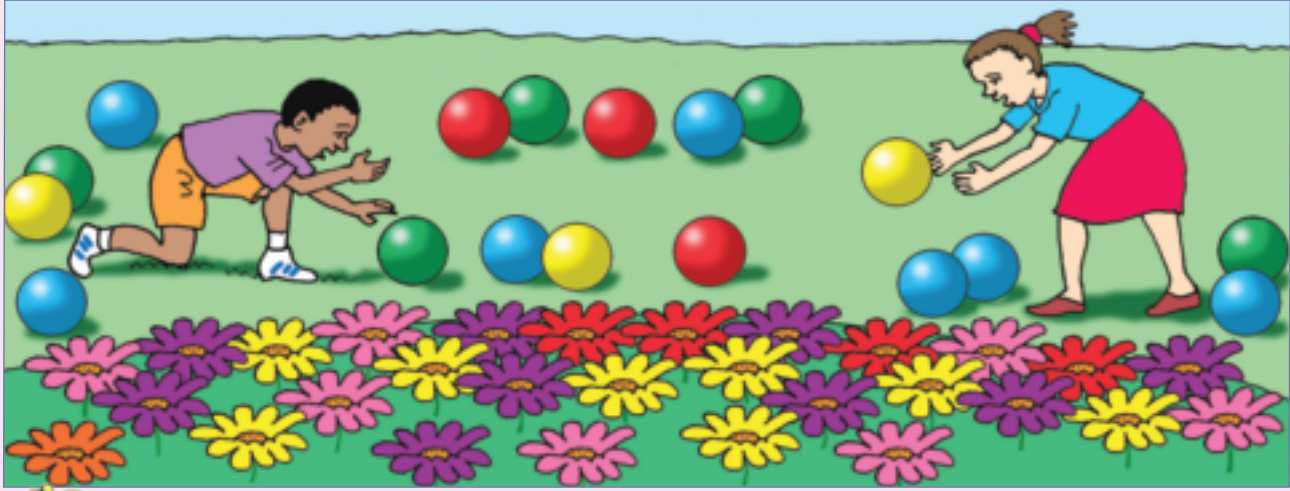

 Ilanga lami  
 lamabeletho li:



Teacher:  
Sign:  
Date:

Ilanga:

Buthelela bewuhlele ngemibala



Buthelela bewuhlele iimbholo ngemibala begodu zigwale ngebhoksini elifaneleko.



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iimbholo ezihlaza satjani

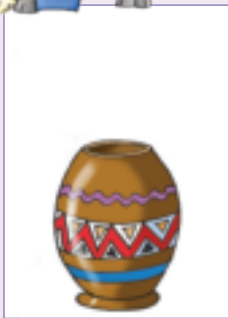
iimbholo ezibomvu

iimbholo ezihlaza kwesibhakabhaka

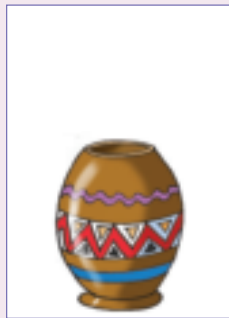
iimbholo ezisarulani



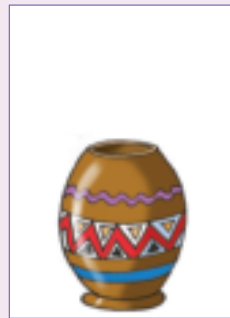
Buthelela iimbholo bewuzihlele ngemibala.



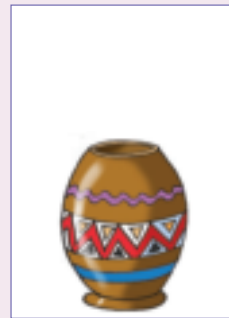
amabhlomu asarulani



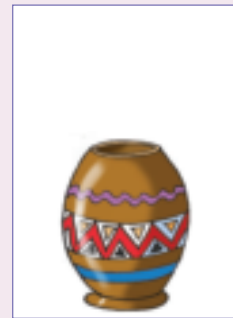
amabhlomu abomvu



amabhlomu asipiridzana



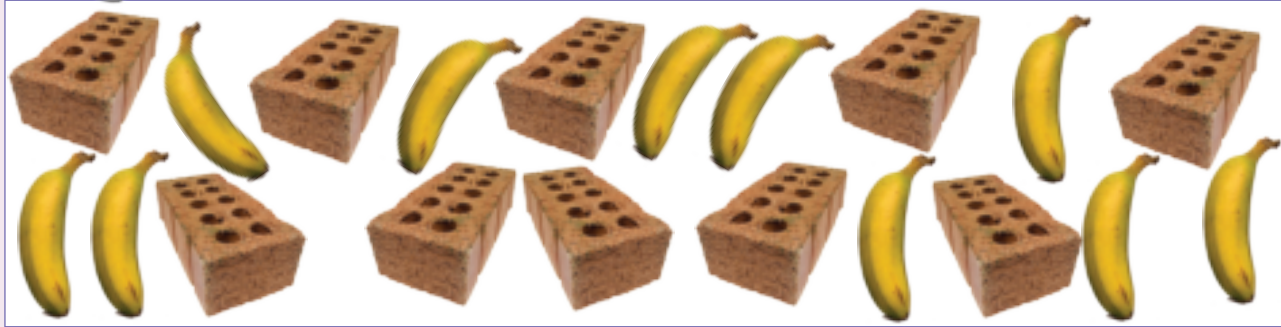
amabhlomu apinki



amabhlomu a-orentji



Hlela izinto ngobungako. Cwala imidwebo yakho.



izinto ezilula



izinto ezibudisi



iimbholo ezincani



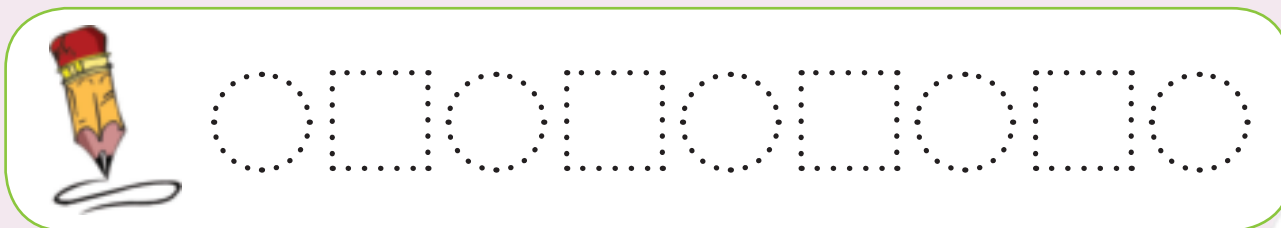
iimbholo ezikulu



amabhoksi amancani



amabhoksi amakhulu



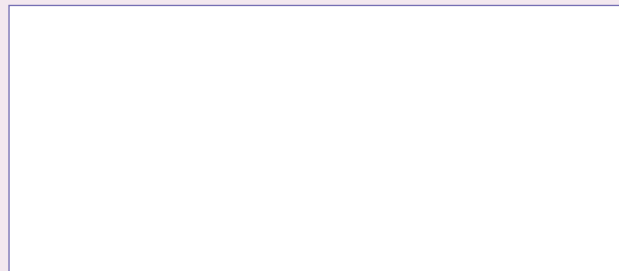
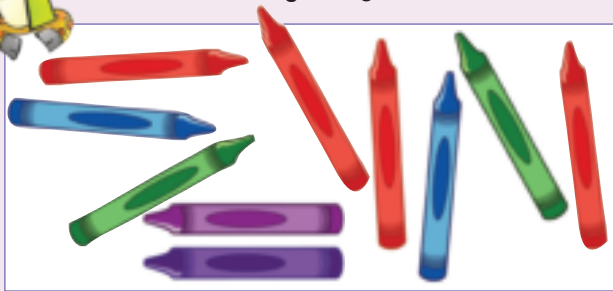
Teacher:  
Sign:  
Date:

Funda bewuhlathulule

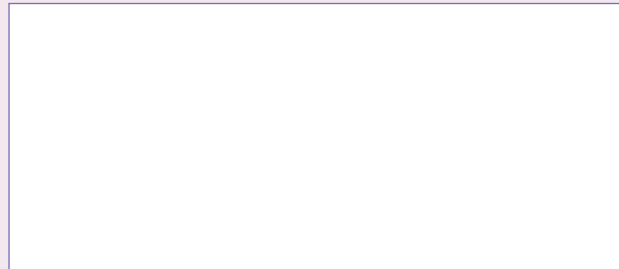
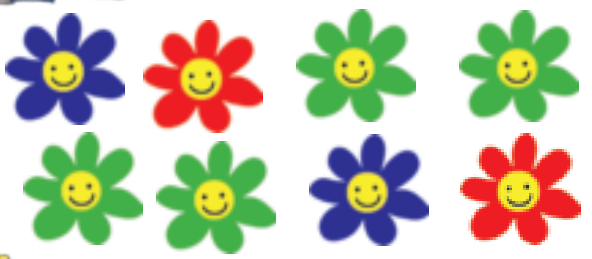
	<p>Umgwalo wami</p>
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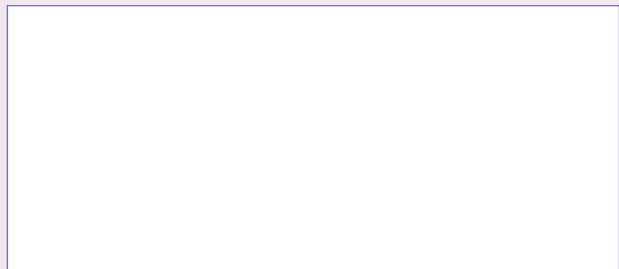
Hlela amakhrayoni ngemibala. Gwala imidwebo yawo.



Hlela amakhrayoni ngemibala. Gwala imidwebo yawo.



Hlela abohafu kanye namazungu wekosazana. Agwale.





Phendula imibuzo

aboncantathu	aboncazine	iindulungu

Bangaki aboncantathu abalapho?

Bangaki aboncazine abalapho?

Zingaki iindulungu ezilapho?

Ingabe kunaboncantathu abanengi namkha aboncazine abanengi?

Ingabe kuneendulungu ezinengi namkha aboncantathu abanengi?

Ingabe kunezinye iijingi nanyana aboncazine?

nganalitho	ihafu	zeleko

Zingaki iinjenge ezingananto lapho?

Zingaki iinjenge ezihafu lapho?

Zingaki iinjenge ezizeleko lapho?



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

Ilanga:



# Ngaphambili, ngemva nahlangana

Hlathulula iinomboro ngokusebenzisa amagama ngaphambili, 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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Isibonelo:  
Ibhola yinye ebovu  
ihlangana neembholo  
ezimbili ezihlaza  
kwesibhakabhaka.



Tlola iinomboro efaneleko ngaphakathi kwesikwere.

<table border="1" style="width: 100%;"> <tr> <td>4</td><td>6</td><td>8</td> </tr> <tr> <td></td><td></td><td></td> </tr> <tr> <td>Ngaphambili</td><td>Hlangana</td><td>Ngemva</td> </tr> </table>	4	6	8				Ngaphambili	Hlangana	Ngemva	<table border="1" style="width: 100%;"> <tr> <td></td><td>18</td><td></td> </tr> <tr> <td></td><td></td><td></td> </tr> <tr> <td>Ngaphambili</td><td>Hlangana</td><td>Ngemva</td> </tr> </table>		18					Ngaphambili	Hlangana	Ngemva
4	6	8																	
Ngaphambili	Hlangana	Ngemva																	
	18																		
Ngaphambili	Hlangana	Ngemva																	
<table border="1" style="width: 100%;"> <tr> <td></td><td></td><td>25</td> </tr> <tr> <td></td><td></td><td></td> </tr> <tr> <td>Ngaphambili</td><td>Hlangana</td><td>Ngemva</td> </tr> </table>			25				Ngaphambili	Hlangana	Ngemva	<table border="1" style="width: 100%;"> <tr> <td></td><td></td><td>16</td> </tr> <tr> <td></td><td></td><td></td> </tr> <tr> <td>Ngaphambili</td><td>Hlangana</td><td>Ngemva</td> </tr> </table>			16				Ngaphambili	Hlangana	Ngemva
		25																	
Ngaphambili	Hlangana	Ngemva																	
		16																	
Ngaphambili	Hlangana	Ngemva																	



Zalisa iinomboro ezitlhayelako.

	2			5		10			13		
	12			15			17			20	
13			16			20					25

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

Ngijyphi inomboro engaphambi kobu- **8** ? \_\_\_\_\_

Ngijyphi inomboro engemva kwe- **16** ? \_\_\_\_\_

Ngiziphi iinomboro ezihlangana kobu- **8** ne- **12** ? \_\_\_\_\_



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



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

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

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 efananwa mntwana ngamunye? \_\_\_\_\_ . Ingabe kunomncamo oseleko?  
 \_\_\_\_\_ .



Phendula imibuzo elandelako.

Ngiyiphi inomboro elinganako eza ngemva kwe-12? \_\_\_\_\_

Ngiyiphi inomboro engalinganiko eza ngemva kwe-14? \_\_\_\_\_

Ngiziphi iinomboro ezingalinganiko eziza hlangana ne-18 ne-24? \_\_\_\_\_

Tlola phasi iinomboro ezilinganako ezihlangana kobu-8 ne-18? \_\_\_\_\_



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



Ilanga:

Iinomboro I – 30

Zingaki iincwadi ozibalako?  
Zingaki iinjenge zepende ozibalako?



Mngaki umncamo owubalako?

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



Zingaki iincwadi ozibalako?



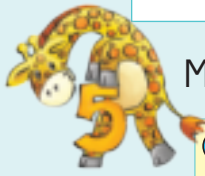


Zalisa inomboro etlhayelako.

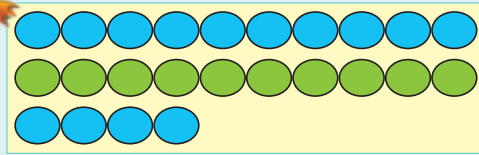



Qala esibonelweni sokuthoma bese uqedelela okulandelako.

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



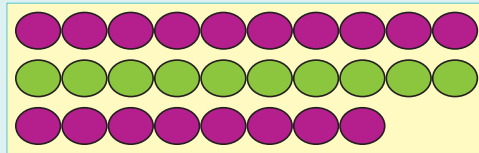
Mngaki umncamo owubalako?



inomboro

singayitlola njenge

$$20 + \square = 24$$



inomboro

singayitlola njenge

$$20 + \square = 28$$



Tlola amagama weenomboro ezilandelako.

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



Qala esibonelweni sokuthoma bese uqedelela okulandelako.

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



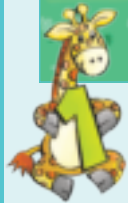
Teacher:

Sign:

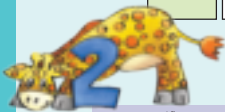
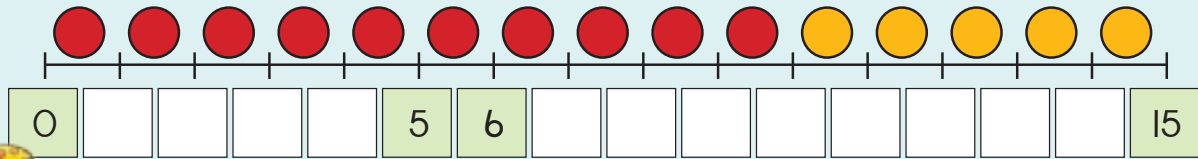
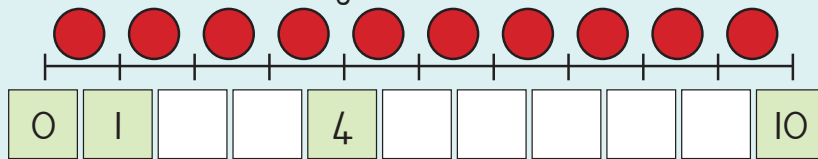
Date:

Ilanga:

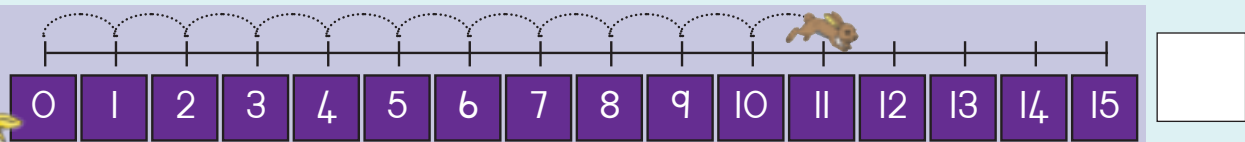
Amanambalayini



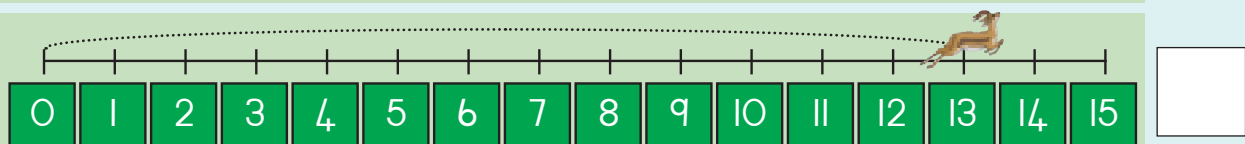
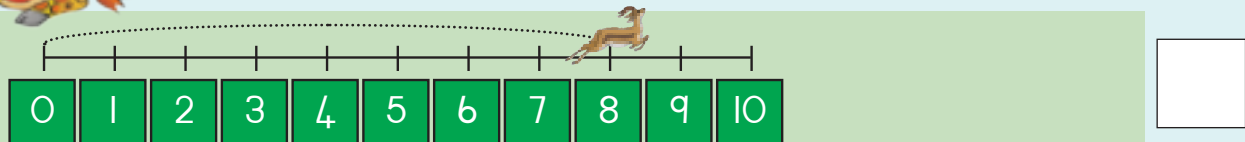
Zalisa iinomboro ezitlhayelako.



Isirhwarhwa seqele kude kangangani?

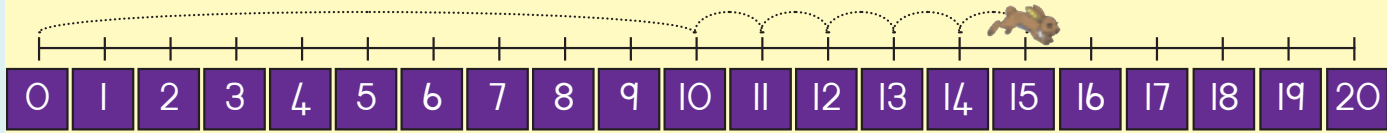


Ipunzi yeqele kude kangangani?



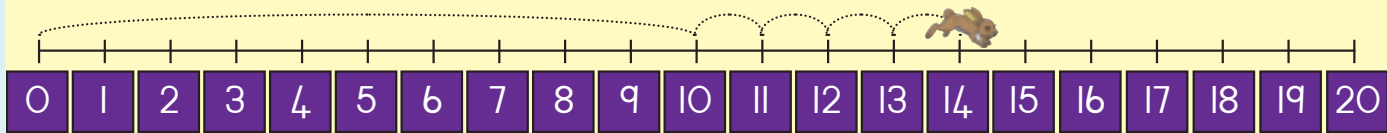


Qedelela inambalayini. Isirhwarhwa seqele kude kangangani?



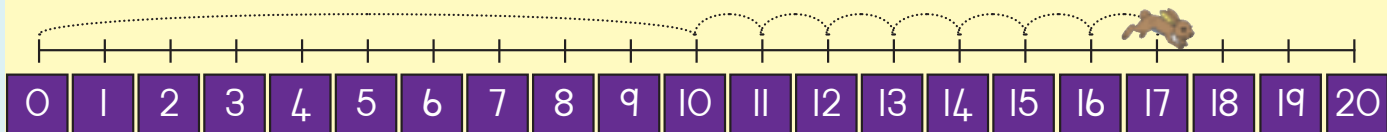
amatjhumi      amayunidi

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



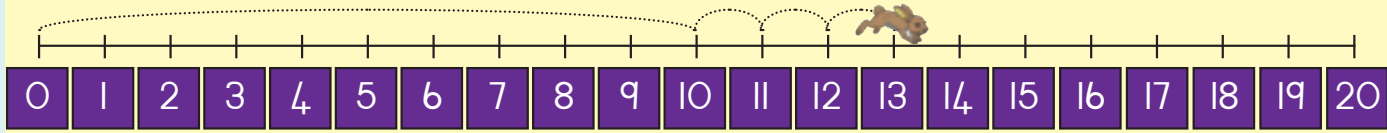
amatjhumi      amayunidi

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



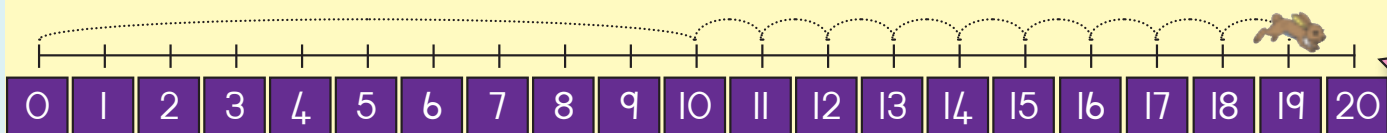
amatjhumi      amayunidi

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



amatjhumi      amayunidi

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



amatjhumi      amayunidi

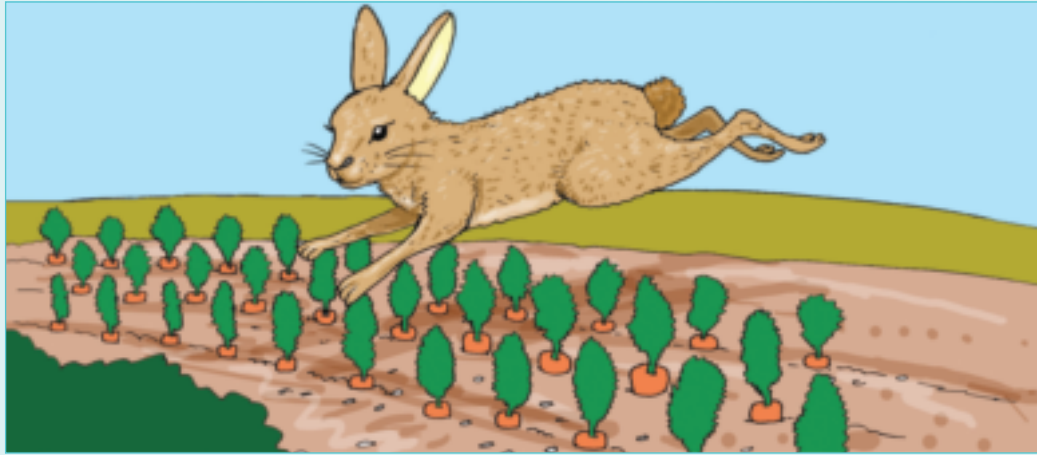
$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



Teacher:  
Sign:  
Date:



Amanye amanambalayini



Siza isirhwarhwa ukutlola isibalo.

0 1 2 3 4 5 6 7 8 9 10

$2 + 3 = \square$

0 1 2 3 4 5 6 7 8 9 10

$\square + \square = \square$



Siza ipunzi ukutlola isibalo.

0 1 2 3 4 5 6 7 8 9 10

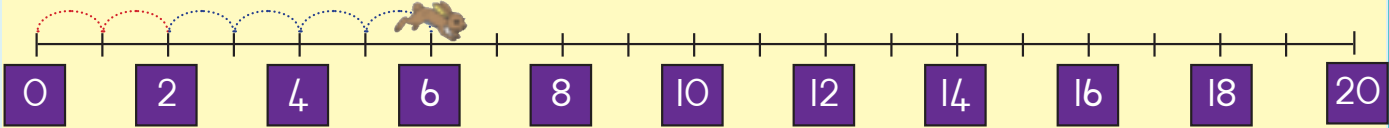
$\square + \square = \square$

0 1 2 3 4 5 6 7 8 9 10

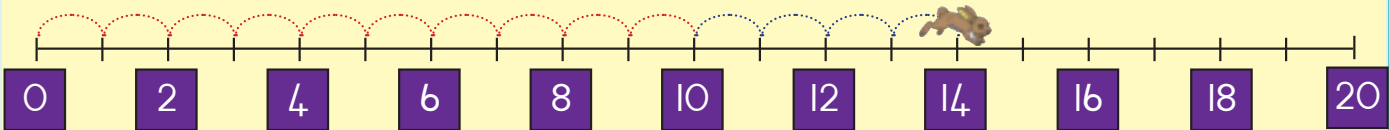
$\square + \square = \square$



Siza isirhwarhwa ukutlola isibalo.



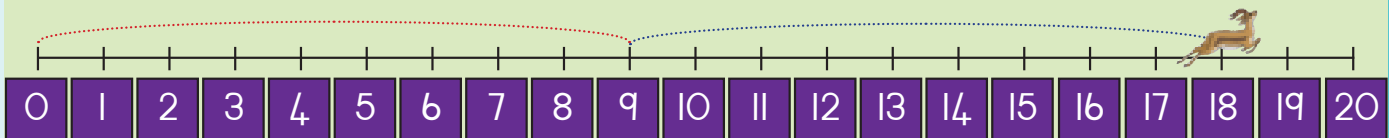
$$\square + \square = \square$$



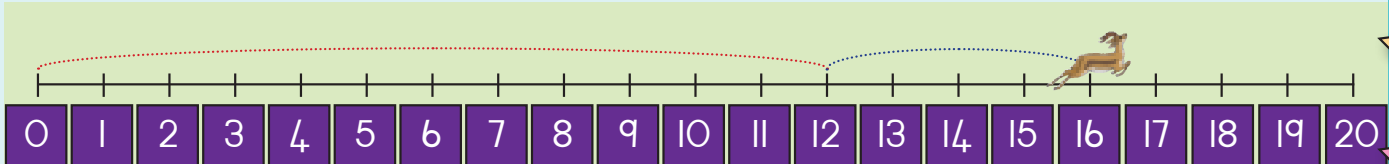
$$\square + \square = \square$$



Siza ipunzi ukutlola isibalo.



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



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



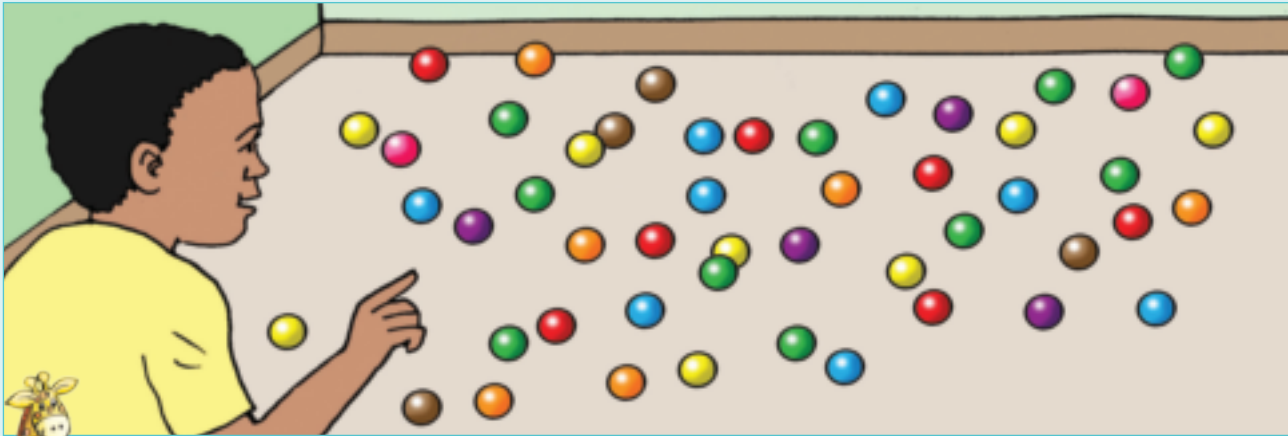
Teacher:

Sign:

Date:



Ukukhupha nokuhlanganisa



Tlola isibalo somncamo.

Mingaki imincamo ebomvu lapho?

Mingaki imincamo ehlaza kwesibhakabhaka lapho?

Mingaki imincamo ehlaza satjani lapho?

Mingaki imincamo esalamune lapho?

Mingaki imincamo esipiridzana lapho?

Seyiyoke mngaki umncamo nawuhlangeneko?



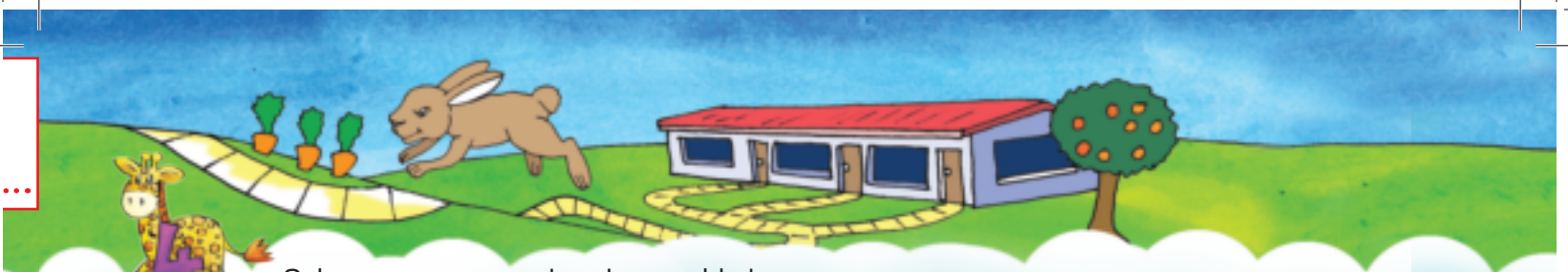
Tlola inani lomncamo ngokwemibala ehlukehlukeneko ngebhoksini elinembako bese uyahlanganisa.

obomvu	+	ohlaza satjani	=	<input type="text"/>
osarulani	+	opinki	=	<input type="text"/>
o-salamune	+	ohlaza kwesibhakabhaka	=	<input type="text"/>
osipiridzana	+	ohlaza satjani	=	<input type="text"/>
obhraweni	+	osarulani	=	<input type="text"/>



Qedelela amaphetheni.

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



Sebenzisa imincamo ukuzalisa amabhoksi.

$$\begin{array}{ccccccc} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} & + & \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} & = & \boxed{15} \\ \boxed{8} & + & \boxed{7} & = & \end{array}$$

$$\begin{array}{ccccccc} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} & + & \color{blue}{\bullet} \color{blue}{\bullet} & + & \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} & = & \boxed{\phantom{00}} \\ \boxed{8} & + & \boxed{2} & + & \boxed{5} & = & \end{array}$$

$$\begin{array}{ccccccc} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} & + & \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} & = & \boxed{\phantom{00}} \\ \boxed{9} & + & \boxed{\phantom{00}} & = & \end{array}$$

$$\begin{array}{ccccccc} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} \color{red}{\bullet} & + & \color{blue}{\bullet} & + & \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} & = & \boxed{\phantom{00}} \\ \boxed{9} & + & \boxed{\phantom{00}} & + & \boxed{\phantom{00}} & = & \end{array}$$



Madanisa isithombe nesibalo bese unikela ipendulo.

	$7 - 5 = \boxed{\phantom{00}}$
	$9 - 4 = \boxed{\phantom{00}}$
	$8 - 3 = \boxed{\phantom{00}}$
	$5 - 4 = \boxed{\phantom{00}}$
	$6 - 2 = \boxed{\phantom{00}}$



Tlola isibalo se.

$$\begin{array}{ccccccc} \color{yellow}{\bullet} \color{yellow}{\bullet} \color{yellow}{\bullet} \color{yellow}{\bullet} \color{yellow}{\bullet} \color{yellow}{\bullet} \color{yellow}{\bullet} \color{yellow}{\bullet} & & & & & & \\ \boxed{9} - \boxed{6} = \boxed{3} & & & & & & \end{array}$$

$$\begin{array}{ccccccc} \color{magenta}{\bullet} \color{magenta}{\bullet} \color{magenta}{\bullet} \color{magenta}{\bullet} \color{magenta}{\bullet} \color{magenta}{\bullet} \color{magenta}{\bullet} & & & & & & \\ \boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}} & & & & & & \end{array}$$

$$\begin{array}{ccccccc} \color{green}{\bullet} \color{green}{\bullet} \color{green}{\bullet} \color{green}{\bullet} \color{green}{\bullet} \color{green}{\bullet} \color{green}{\bullet} & & & & & & \\ \boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}} & & & & & & \end{array}$$

$$\begin{array}{ccccccc} \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} \color{blue}{\bullet} & & & & & & \\ \boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}} & & & & & & \end{array}$$



Teacher:  
Sign:  
Date:

## Amalanga, iimveke neenyanga

Ilanga:

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

Phendula imibuzo elandelako ngamalanga weveke.

Ngiliphi ilanga eliza ngaphambi koLesithathu? \_\_\_\_\_

Ngiliphi ilanga eliza ngemva koLesithathu? \_\_\_\_\_

Ngiliphi ilanga eliza ngemva koMgcibelo? \_\_\_\_\_

Ngiliphi ilanga eliza hlangana koMvulo noLesithathu? \_\_\_\_\_

Nakhibe uMvulo lilanga loku-I, kutjho kobana uLesihlanu lilanga \_\_\_\_\_

Ngimaphi amalanga eza hlangana koLesithathu noMgcibelo? \_\_\_\_\_

Phendula imibuzo elandelako ngeenyanga.

Ngijiphi inyanga eza ngemva kwakaSihlabantangana? \_\_\_\_\_

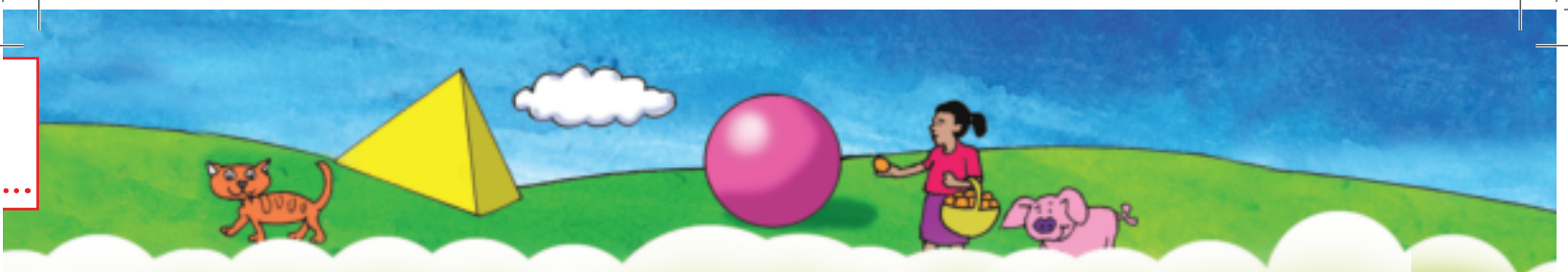
Ngijiphi inyanga eza ngemva koMgwengweni? \_\_\_\_\_

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

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

Ngijiphi inyanga yokuthoma emnyakeni? \_\_\_\_\_

Ngijiphi inyanga yamaswaphela emnyakeni? \_\_\_\_\_



<p>Iinkolo ze - Sewula Afrika</p>	<p>Iminyanya yomlando</p> <p>ILanga lamaLungelo woBuntu ILanga leKululeko ILanga labaSebenzi ILanga leLutjha ILanga laBomma leNarha mazombe ILanga lamaGugu ILanga lokuBuyisana</p>	<p>ILanga lamabeletho ILanga lami lamabeletho</p>
---------------------------------------	---	---



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

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

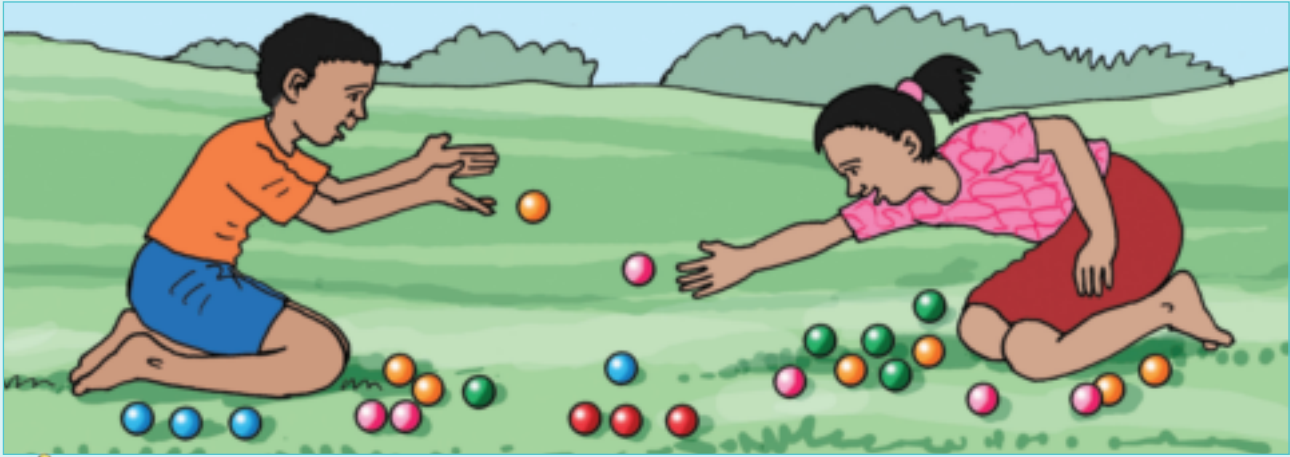


Teacher:  
Sign:  
Date:



Ilanga:

## Ukuhlanganisa



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

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

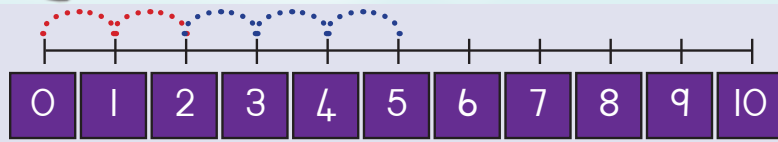


Hlanganisa.

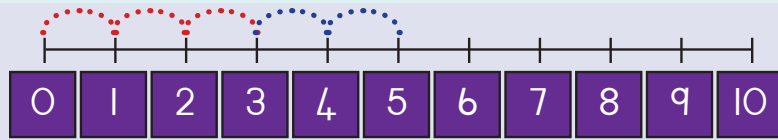
$3 + 2 =$ <input style="width: 40px; height: 25px;" type="text"/>	$4 + 6 =$ <input style="width: 40px; height: 25px;" type="text"/>	$9 + 3 =$ <input style="width: 40px; height: 25px;" type="text"/>
$6 + 5 =$ <input style="width: 40px; height: 25px;" type="text"/>	$7 + 8 =$ <input style="width: 40px; height: 25px;" type="text"/>	$8 + 4 =$ <input style="width: 40px; height: 25px;" type="text"/>
$9 + 5 =$ <input style="width: 40px; height: 25px;" type="text"/>	$8 + 6 =$ <input style="width: 40px; height: 25px;" type="text"/>	$7 + 4 =$ <input style="width: 40px; height: 25px;" type="text"/>
$9 + 9 =$ <input style="width: 40px; height: 25px;" type="text"/>	$7 + 5 =$ <input style="width: 40px; height: 25px;" type="text"/>	$8 + 8 =$ <input style="width: 40px; height: 25px;" type="text"/>
$7 + 6 =$ <input style="width: 40px; height: 25px;" type="text"/>	$9 + 6 =$ <input style="width: 40px; height: 25px;" type="text"/>	$7 + 7 =$ <input style="width: 40px; height: 25px;" type="text"/>



Tlola inani le.



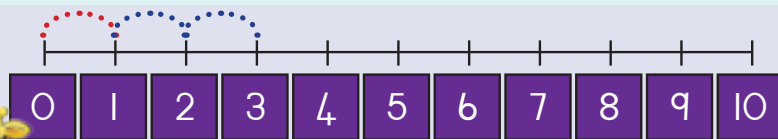
$$2 + 3 = 5$$



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



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



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



Hlanganisa umncamo ukuze undzindzise isikala ngokulinganako. Yokuthoma selesikwenzele.

$5 = 1 + 4$

$6 = 2 + \square$

$3 + \square = \square$

$2 + 1 = 1 + \square$

$6 + 3 = 3 + \square$

$2 + \square = 8 + 2$



Teacher:

Sign:

Date:

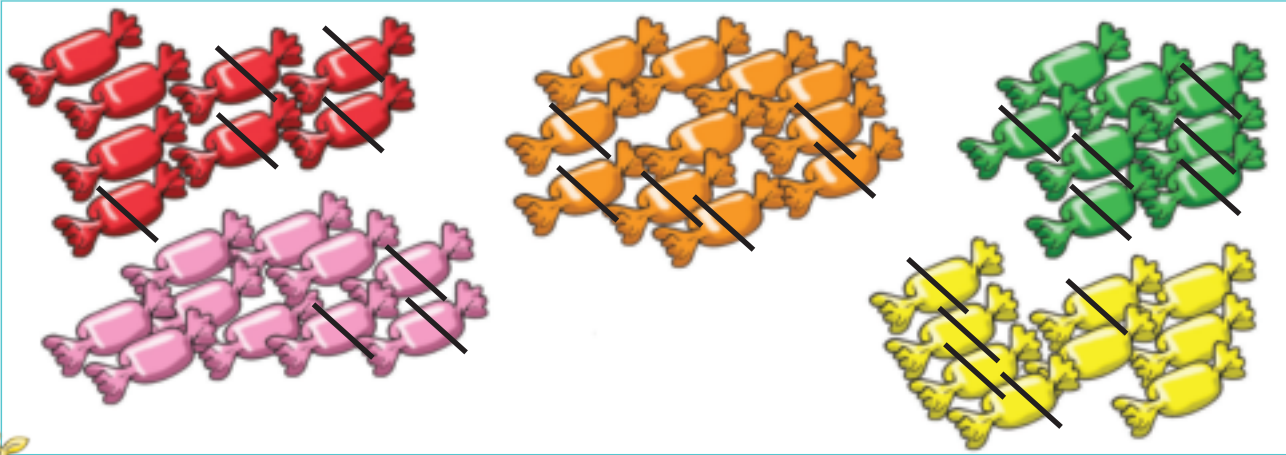
23b

Ithemu I



Ilanga:

Ukukhupha



Qala esithombeni bese utlola ithothali kakhupha.

amaswidi abomvu	=	8	-	5	=	3
amaswidi ahlaza satjani	=		-		=	
amaswidi asarulani	=		-		=	
amaswidi a-salamune	=		-		=	
amaswidi apinki	=		-		=	

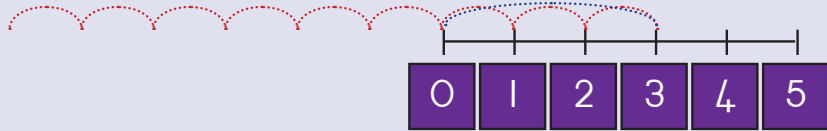
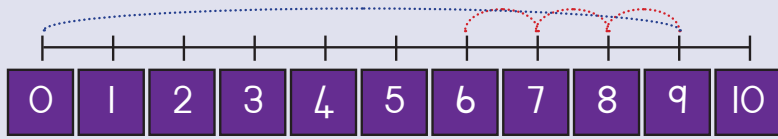


Khupha.

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



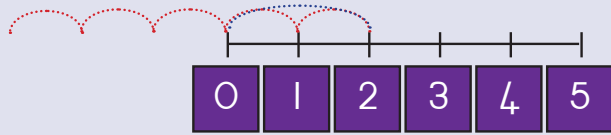
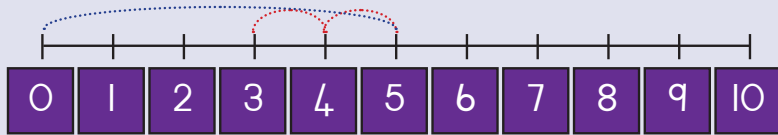
Qedelela.



$$9 - 3$$

Akulingani na

$$3 - 9$$



$$5 - 2$$

Akulingani na

$$2 - 5$$



Tlola isibalo se:

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

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

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

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

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


Teacher:

Sign:

Date:





Ukukhupha.

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

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



Hlanganisa.

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

14 + 12				
10	+	10	=	
4	+	2	=	
	+		=	

17 + 11				
10	+	10	=	
7	+	1	=	
	+		=	

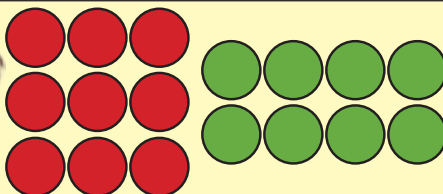
15 + 13				
10	+	10	=	
5	+	3	=	
	+		=	

16 + 12				
10	+	10	=	
6	+	2	=	
	+		=	

18 + 12				
10	+	10	=	
8	+	2	=	
	+		=	



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



Yini inani leembalisi?

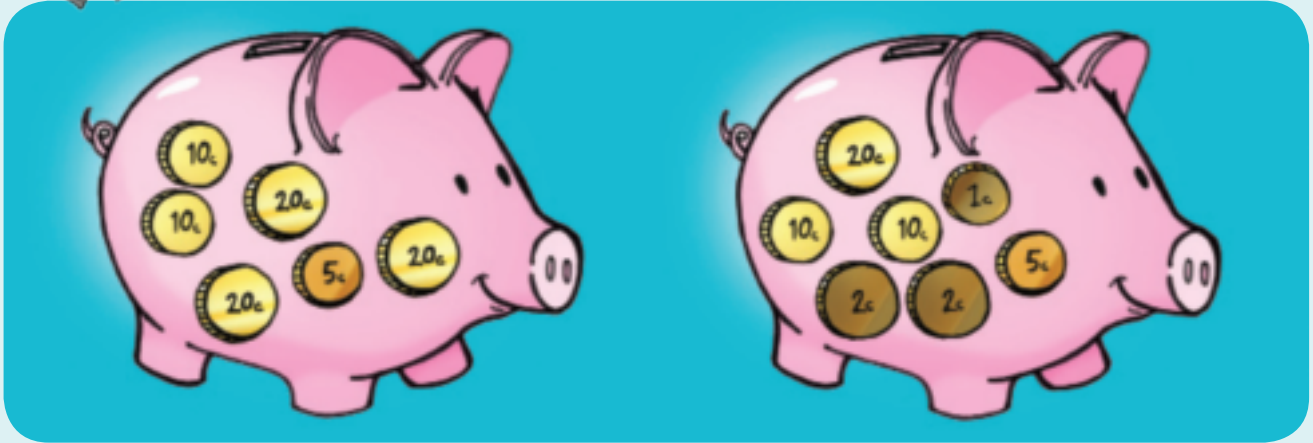


Teacher:  
Sign:  
Date:



Imali

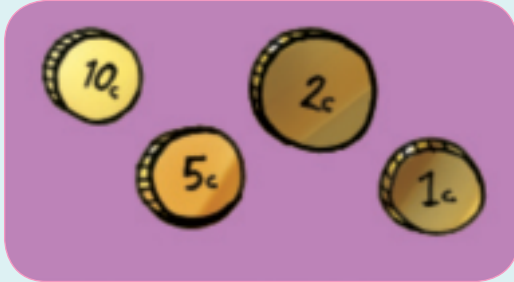
Yini engaphakathi kwebhanga yami yefarigana?



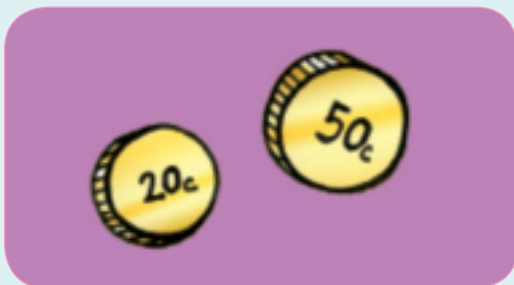
Sika imali emumuwa kuSika-3 bese ujinamathisela inani elifaneleko endaweni enembako.



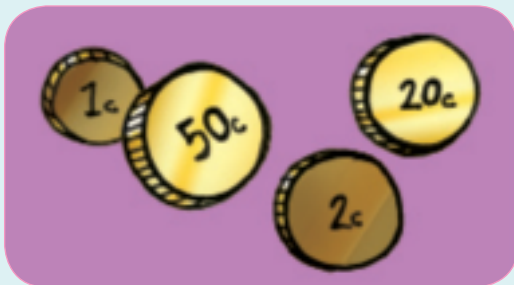

Mangaki amasende?















Iimbalo zamagama:

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

USuzi unamalini sele iyoke?

---

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

---



Teacher:

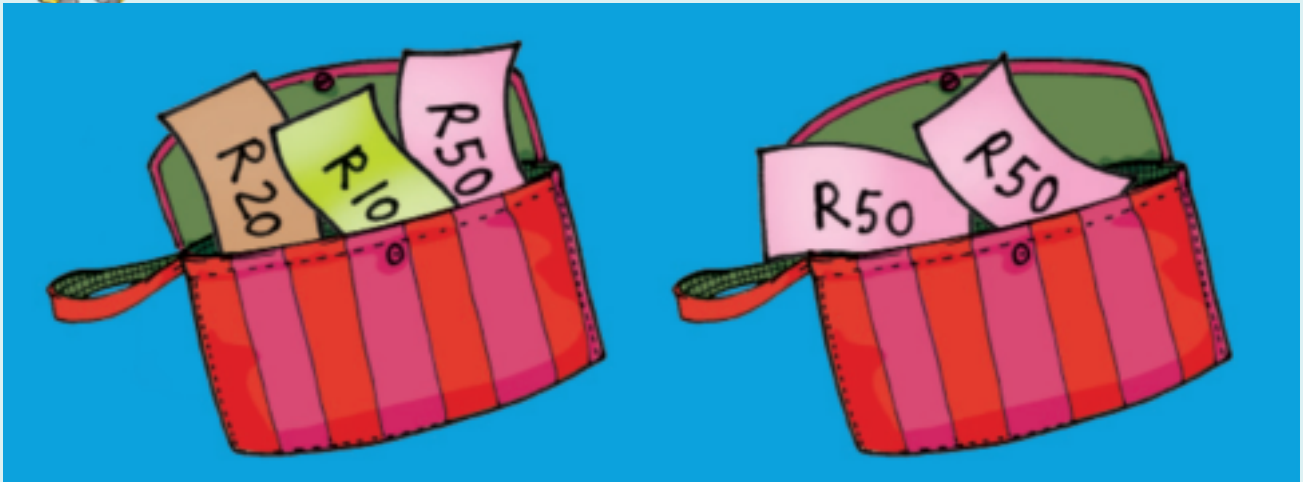
Sign:

Date:







# Imali yamaphepha

Yimalini imali engepheseni yami?



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



Maranda amangaki nasele awoke?





























Iimbalo zamagama:

Ngizibulungele ama-R50. Ngifunyene ama-R20 ngelanga lami lamabeletho.

Senginamalini sejiyoke?

---

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

---



Teacher:

Sign:






Date:














# Amaphetheni



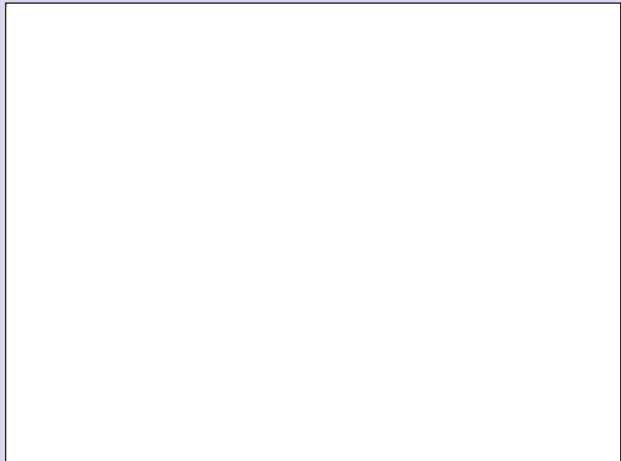
Wahla iphetheni.

wahla	wahla	wahla	wahla	wahla	wahla	wahla	wahla	wahla	wahla	wahla
										

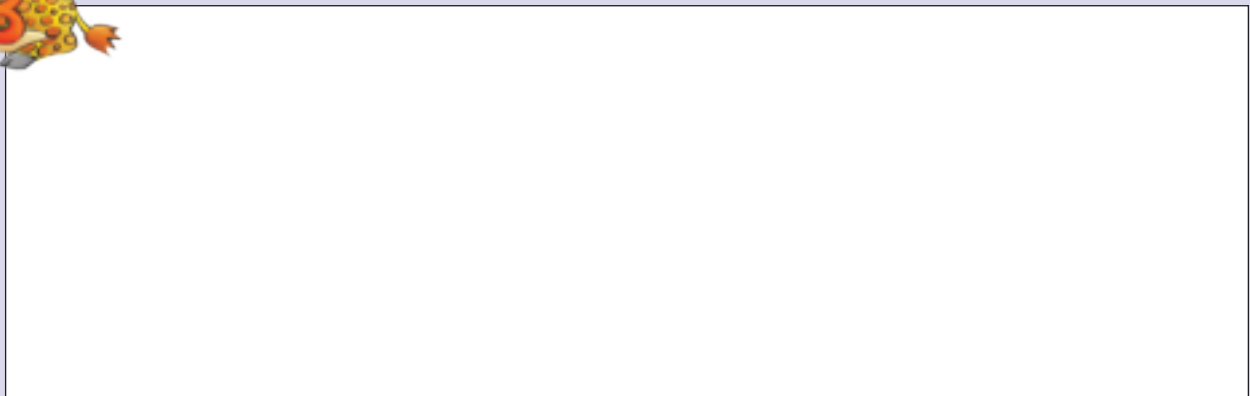
wahla	wahla	wahla	wahla	wahla	wahla	wahla	wahla	wahla	wahla	wahla
										



Kopulula amaphetheni. Sebenzisa usika wesi-4.

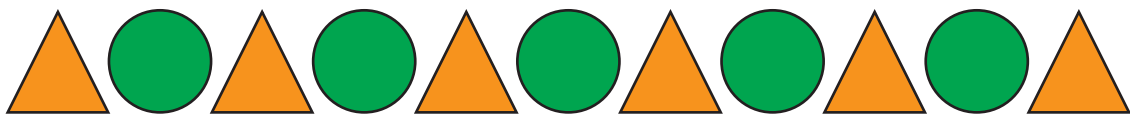
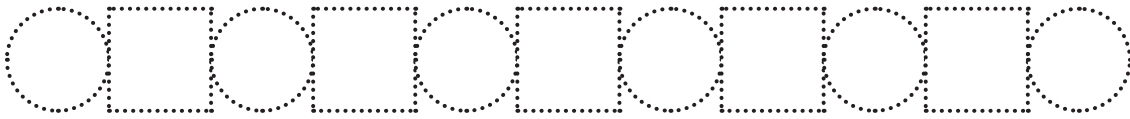


Yenza isithombe sakho ngomncamo oseleko. Sebenzisa usika wesi-4.

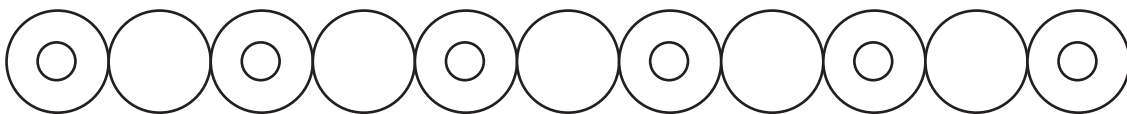




Kopulula amaphetheni alandelako.



Kopulula amaphetheni.



Teacher:

Sign:

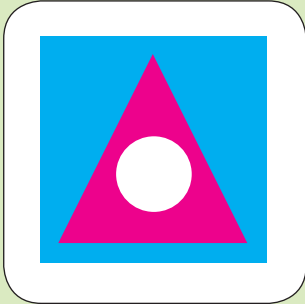
Date:

# Amanye amaphetheni

Hlathulula iphetheni ngayinye ngamagama. Amagama angenzasi kungenzeka akusize.



uncazine



isikwere

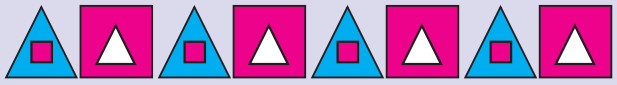
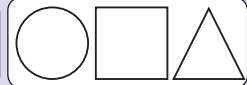
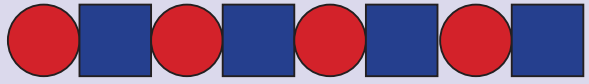


uncantathu

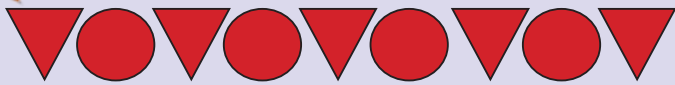


imibala

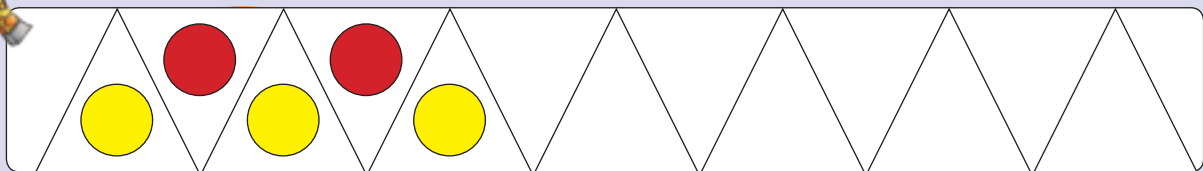
Khetha bese ukhalara iphetheni elandelako.



Gwala iphetheni elandelako.

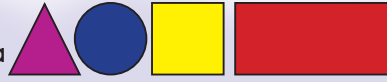


Ngezelela iphetheni.

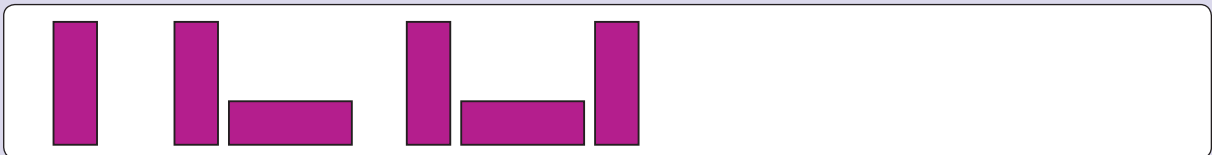
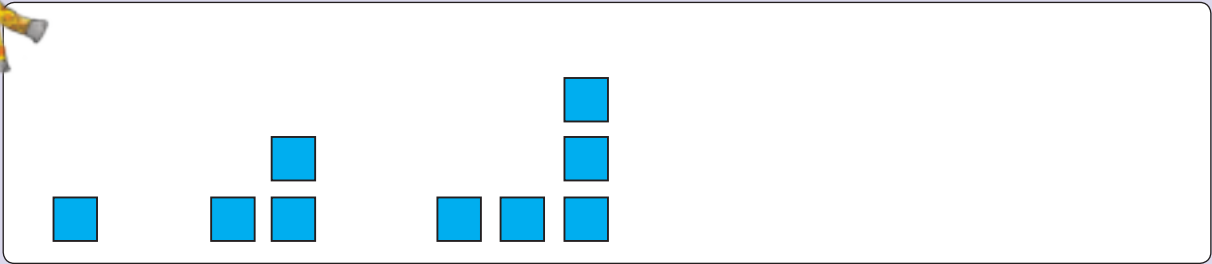




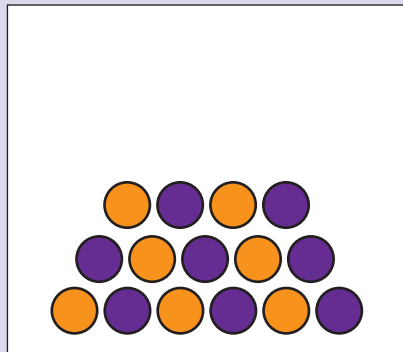
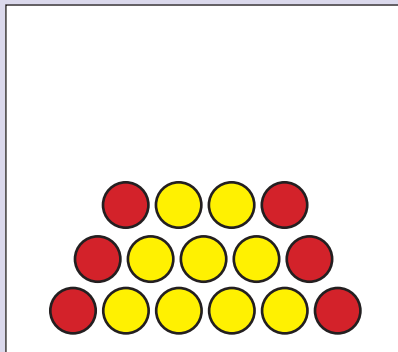
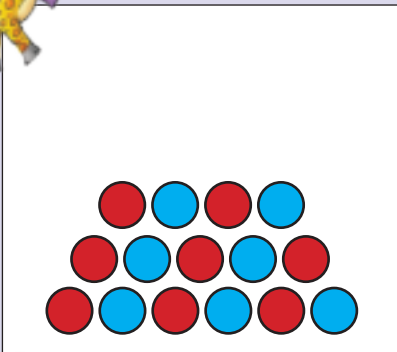
Gwala amaphetheni wakho ngokusebenzisa



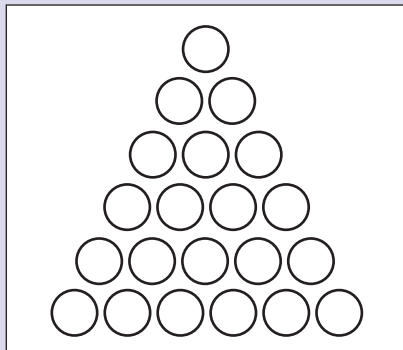
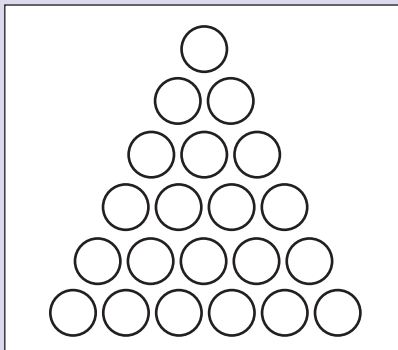
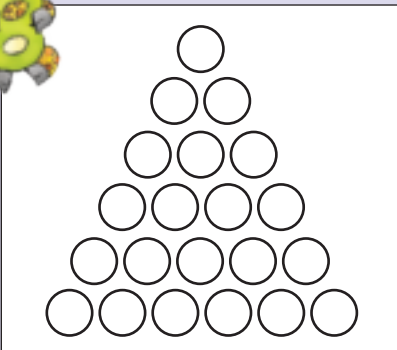
Gwala iphetheni elandelako.



Qedelela okulandelako wenzele kobana ube nendulungu yinye kwaphela ngaphezulu.



Yenza amaphetheni wombala wakho ngokusebenzisa amabumbeko angenzasi.

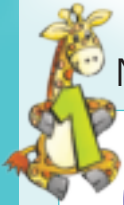


Teacher:  
Sign:  
Date:



# Ukubuyabuyelela: $\times 2$

Mangaki amaswidi asethebuleni ngayinye?



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



Qedelela okulandelako. Qala isibonelo.

<p>iinqhema ezi-4 zangaba-2</p>	$2 + 2 + 2 + 2 = 8$	$4 \times 2 = 8$
<p>iinqhema ezi-5 zangaba-2</p>	$2 + 2 + 2 + 2 + 2 =$	$5 \times 2 =$
<p>iinqhema ezi-6 zangaba-2</p>	$2 + 2 + 2 + 2 + 2 + 2 =$	$6 \times 2 =$
<p>iinqhema ezi-7 zangaba-2</p>	$2 + 2 + 2 + 2 + 2 + 2 + 2 =$	$7 \times 2 =$
<p>iinqhema ezibu-8 zangaba-2</p>	$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =$	$8 \times 2 =$

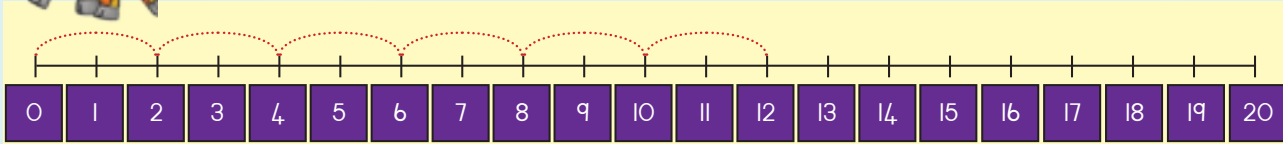


Yenza umgwalo wokulandelako.

<p>iinqhema ezi-3 zangaku-2</p>	<p>iinqhema ezi-4 zangaku-2</p>	<p>iinqhema ezi-9 zangaku-2</p>
---------------------------------	---------------------------------	---------------------------------



Gwala umgwalo walokhu okulandelako bese uzalisa ngeempendulo ngenzasi.



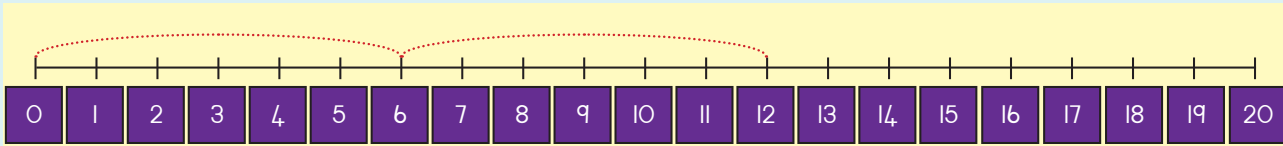
2, 4, 6, 8, \_\_, \_\_

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

iinqhema ezi-6 zangaba-2 =

$6 \times 2 =$

Umgwalo



6, \_\_

$6 +$    $=$

iinqhema ezi-2 zangaba-   $=$

$2 \times$    $=$

Umgwalo



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

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



Teacher:  
Sign:  
Date:



Ilanga:

## Ukubuyabuyelela: $\times 5$

Mangaki amaswidi asetheyibuleni ngayinye?




Qedelela okulandelako: Qala isibonelo.

	iinqhema ezi-3 zangaku-5	$5 + 5 + 5 = 15$	$3 \times 5 = 15$
	iinqhema ezi-2 zangaku-5	$5 + 5 =$	$2 \times 5 =$
	iinqhema ezi-4 zangaku-5	$5 + 5 + 5 + 5 =$	$4 \times 5 =$
	iinqhema ezi-6 zangaku-5	$5 + 5 + 5 + 5 + 5 + 5 =$	$6 \times 5 =$
	iinqhema ezi-7 zangaku-5	$+++++=$	$7 \times 5 =$

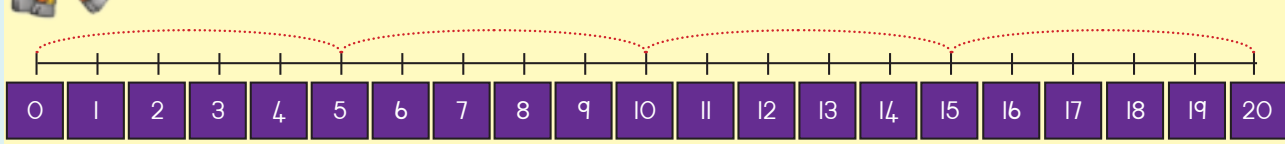


Gwala umdwebo wokulandelako.

iinqhema ezi-3 zangaku-5	iinqhema ezi-4 zangaku-5	iinqhema ezi-5 zangaku-5
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Gwala umgwalo walokhu okulandelako bese uzalisa ngeempendulo ngenzasi.



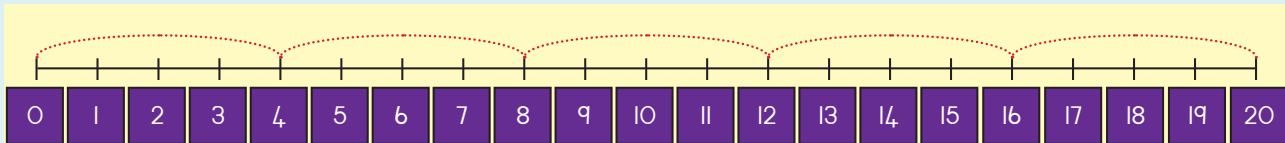
5, 10, 15, \_\_\_

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

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

$$4 \times 5 = \square$$

Umgwalo




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

$$4 + 4 + 4 + 4 + 4 = \square$$

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

$$5 \times 4 = \square$$

Umgwalo



5 10 15 20 25 30  
35 40 45 50



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



## Indatjana zokubuyabuyelela

Yenza iindatjana yakho ngokusebenzisa isibalo esipheleleko seendlebe, izandla neenyawo.



Sibangani abali -10. Sinezandla ezingaki?

Gwala umdwebo.

Kutjengise ngeembalisi.

Kutjengise kunambalayini.

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

$\square + \square = \square$

$\square \times \square = \square$

Ilanga:

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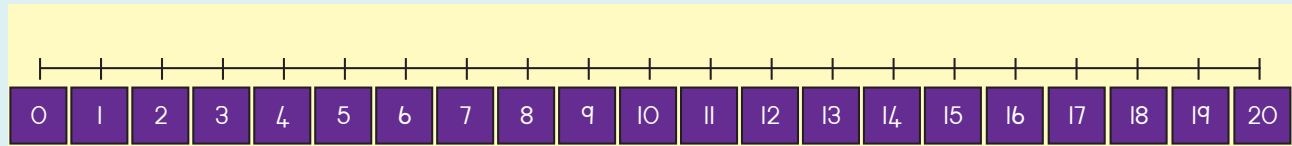


Umndeni kaSusan uneempara ezili-10 zamanyathelo.  
Mangaki amanyathelo abanawo?

Gwala umdwebo.

Kutjengise ngeembali.

Kutjengise kunambalayini.



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

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



Tlola indatjana yakho ngokusebenzisa abentwana abasi-6 nezandla zabo.

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5 10 15 20 25 30 35

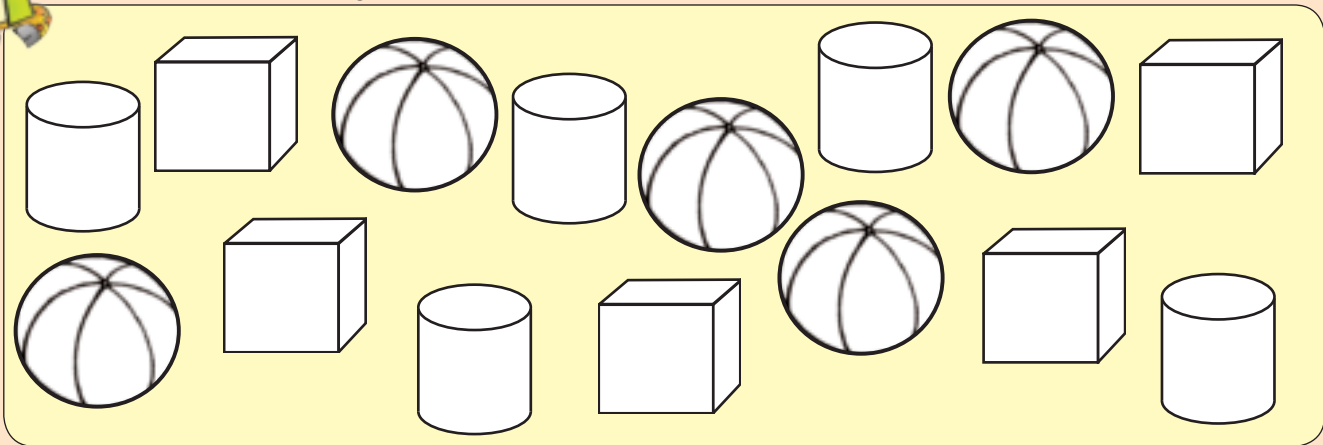


Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

Izinto ezinobungakho obuthathu



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

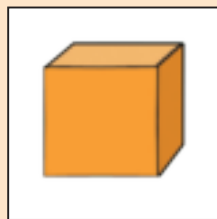


Khetha igama elifaneleko.



imiphetho ebunqophu

imiphetho ezombelezako



imiphetho ebunqophu

imiphetho ezombelezako

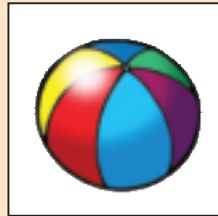


imiphetho ebunqophu

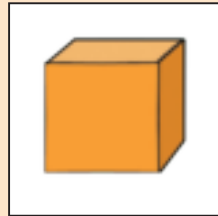
imiphetho ezombelezako



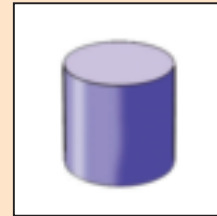
Itjho nakhibe into izokugedeka namkha izokutjhelela.



gedeka  
tjhelela



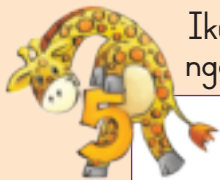
gedeka  
tjhelela



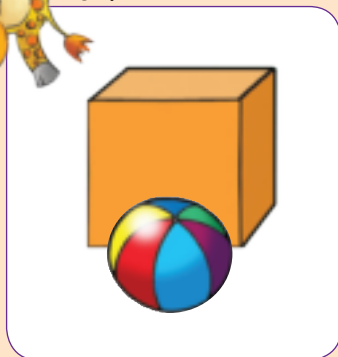
gedeka  
tjhelela



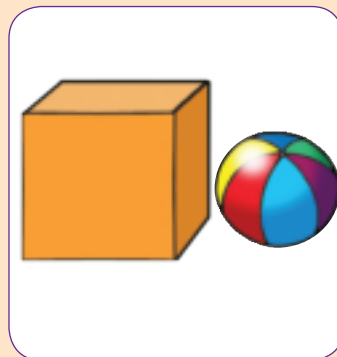
Kungaki okubonako ezintweni lezi ezisesithombeni: amasilinda, amabhoksi kunye neembholo.



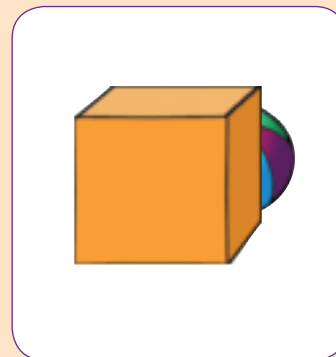
Ikuphi ibholo? Ngabe ingaphambili kwebhoksi? Nanyana ngehlangothini? Nanyana ngaphezulu?



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



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



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

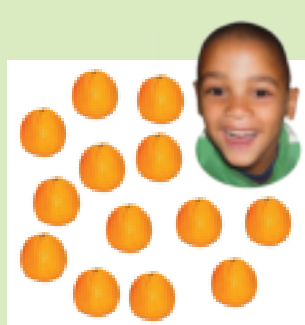


Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

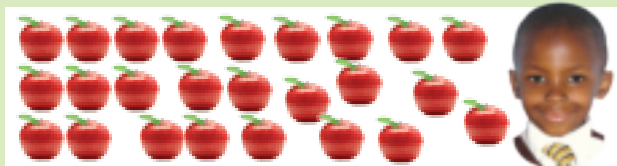
## Landelanisa bewulinganise iinomboro: 1-40



Ngubani onama - lamune amanengi?



Ngubani onama - apula amanengi?



Bala umncamo bese uzalise amabhoksi anganalitho.

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



Qala umncamo bese uphendula imibuzo.

Ngijiphi inomboro encani kunabu-8?

Ngijiphi inomboro ekulu kune-13?

Ngijiphi inomboro encani kunama-20?

Ngijiphi inomboro encani kunama-24?



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

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

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

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

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

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

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

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



Ngijyphi inomboro engalinganiko eza ngemva kwe-10?

Ngijyphi inomboro elinganako eza ngaphambi kwe-10?

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

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

Ngijyphi inomboro eza ngemva kwama-21?

Ngijyphi inomboro elinganako eza ngaphambi kwama-24?

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

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



Teacher:

Sign:

Date:

## Landelanisa begodu umadanise: 40 – 50




Bala umncamo bese uzalisa amabhoksi anganalitho.

1	2	3	4	5						32									
									19										50
									28	51	52	53	54	55	56	57	58	59	60



Ngijiphi inomboro encani kunaku-3?

Ngijiphi inomboro ekulu kunama-31?

Ngijiphi inomboro encani kunama-38?

Ngijiphi inomboro encani kunama-47?



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 ufake iinomboro ezingalinganiko umbala ohlaza satjani

40	41	42	43	44	45	46	47	48	49	50
----	----	----	----	----	----	----	----	----	----	----

Ngijiphi inomboro emswenya elandela ngemva kwama - 40?	<input type="text"/>
Ngijiphi inomboro elinganako elandela ngemva kwama - 43?	<input type="text"/>
Tlola inomboro elinganako ehlangana kwama - 40 nama - 50?	<input type="text"/>
Tlola iinomboro ezimswenya ezihlangana kwama - 40 nama - 50?	<input type="text"/>
Ngijiphi inomboro elinganako elandela ngemva kwama - 40?	<input type="text"/>
Ngijiphi inomboro elinganako elandela ngemva kwama - 41?	<input type="text"/>



Teacher:  
Sign:  
Date:

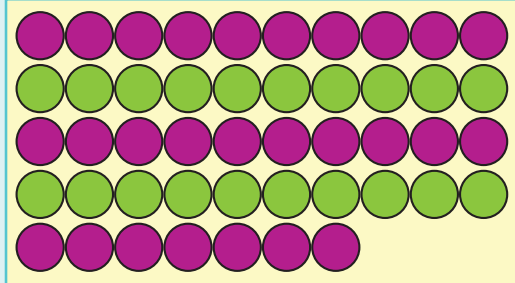
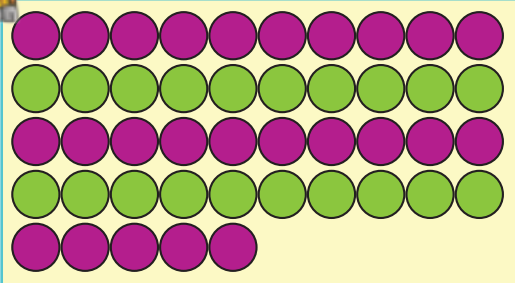
Ilanga:



Iinomboro 40 – 50



Bala inani lomncamo?



Inomboro

Singayitlola njenge

Inomboro

Singayitlola njenge

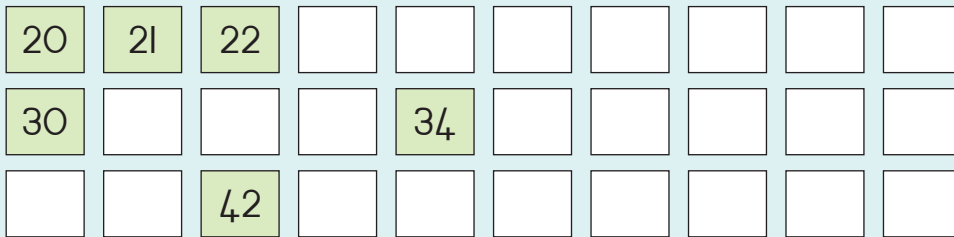
45

40 + 5 = 45

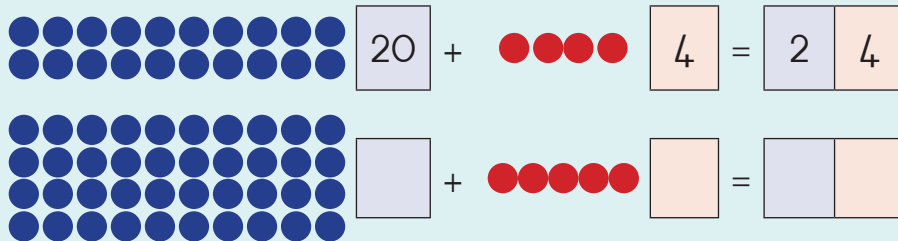
+ =



Qedelela okulandelako.



Qedelela okulandelako.





Tlola amagama we.

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



Qala esibonelweni sokuthoma bese uqedelela aseleko.

45 = 4 amatjhumi + 5 amayunidi	44 = _____ amatjhumi + _____ amayunidi
43 = _____ amatjhumi + _____ amayunidi	41 = _____ amatjhumi + _____ amayunidi
42 = _____ amatjhumi + _____ amayunidi	48 = _____ amatjhumi + _____ amayunidi



Tlola inomboro enembako ngaphakathi kwekholomu efaneleko.

	Amatjhumi	Amayunidi
27		
34		
46		
41		
39		

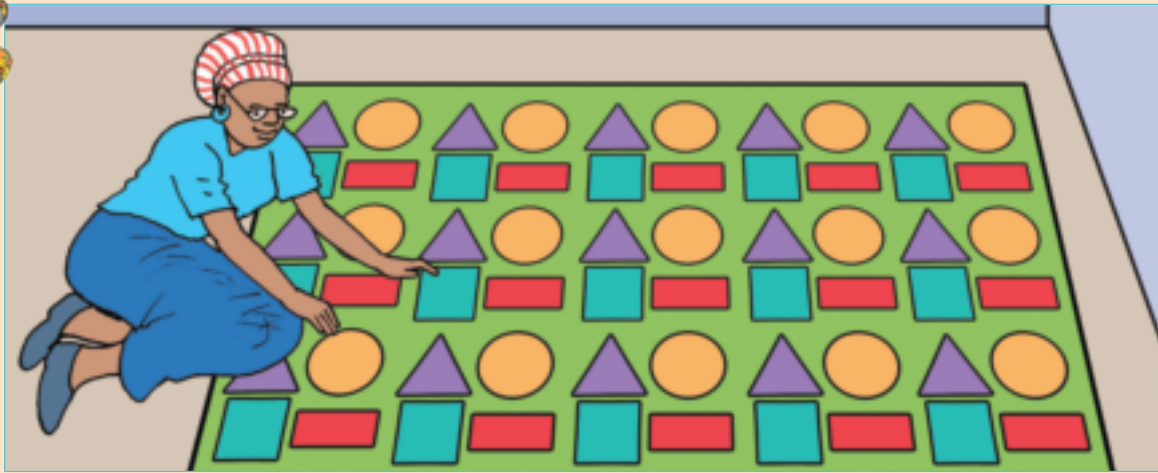


Teacher:  
Sign:  
Date:

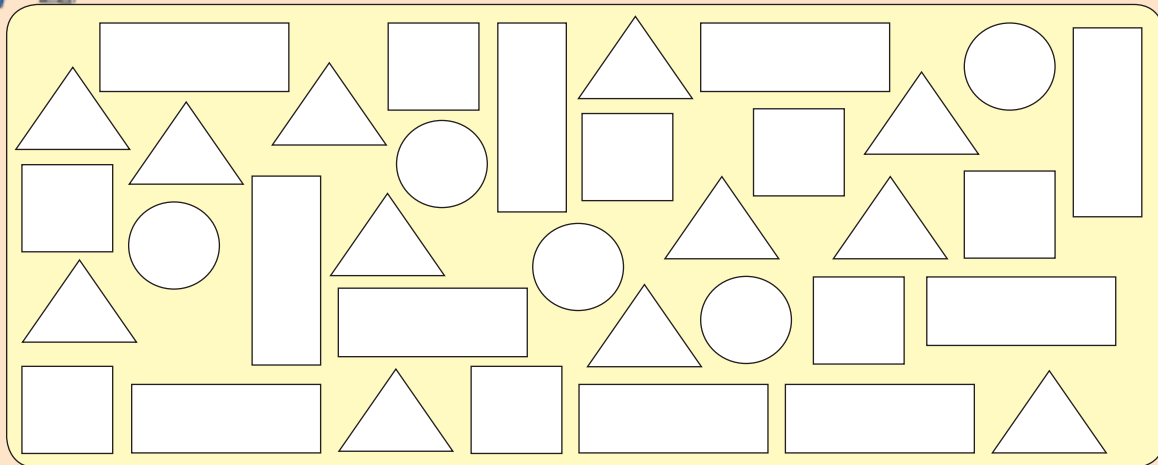
Ilanga:

# Iinkwere, aboncazine, aboncantathu begodu neendulungu

Ugogo wenza isendlalo sombhede esihle khulu. Khomba woke amabumbeko.



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

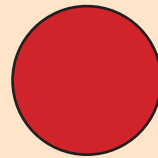


Khetha bese ukhalara ipendulo enembako.



imiphetho ebunqophu

imiphetho eyindulungu



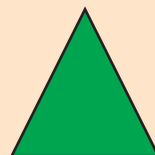
imiphetho ebunqophu

imiphetho eyindulungu



imiphetho ebunqophu

imiphetho eyindulungu

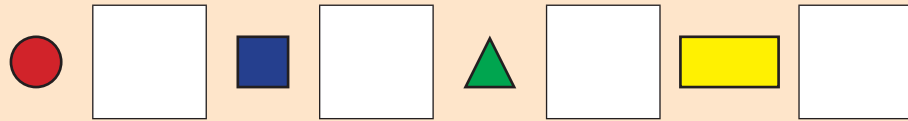
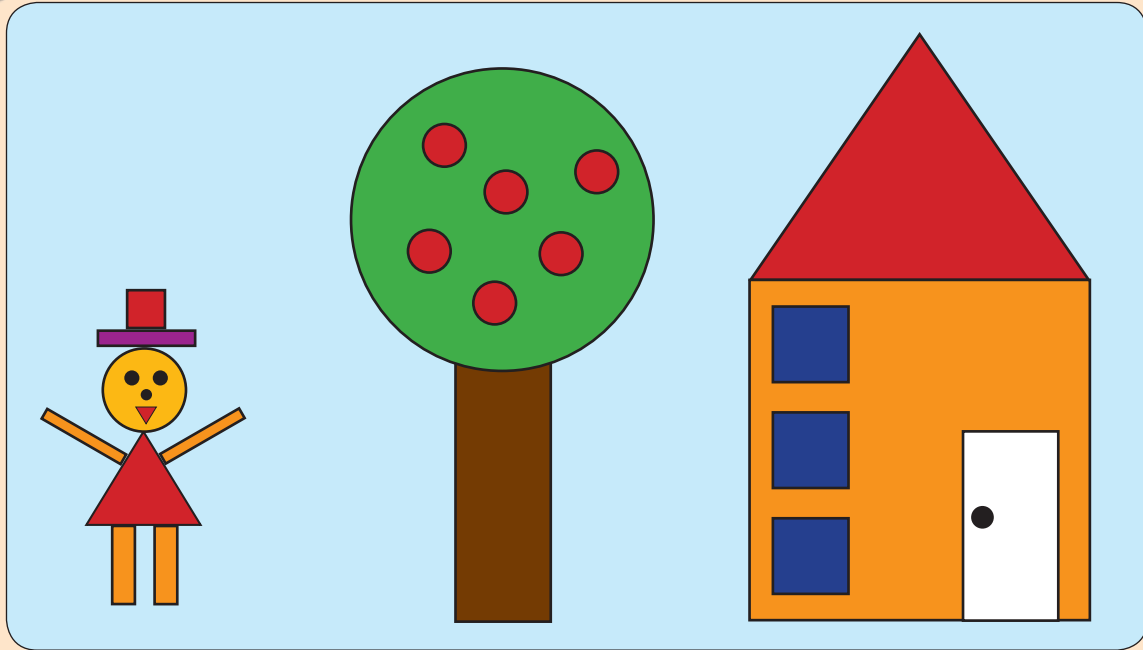


imiphetho ebunqophu

imiphetho eyindulungu



Zingaki    begodu  namarekthengela owabalako?



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



Teacher:  
Sign:  
Date:



Ilanga:

## Ukuhlanganisa nokukhupha ukufikela e-20



Ukukhumbula masinyazana.

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

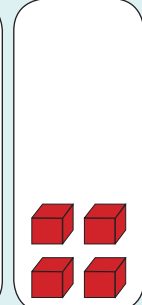
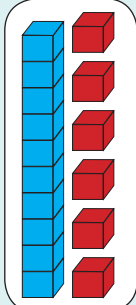


Hlanganisa okulandelako.

		$=$ <span style="border: 1px solid black; padding: 2px;">10</span> <span style="border: 1px solid black; padding: 2px;">2</span> $+$ <span style="border: 1px solid black; padding: 2px;"> </span> <span style="border: 1px solid black; padding: 2px;">6</span> $=$ <span style="border: 1px solid black; padding: 2px;">10</span> $+$ <span style="border: 1px solid black; padding: 2px;">8</span> $=$ <span style="border: 1px solid black; padding: 2px;">18</span>
		$=$ <span style="border: 1px solid black; padding: 2px;"> </span> <span style="border: 1px solid black; padding: 2px;"> </span> $+$ <span style="border: 1px solid black; padding: 2px;"> </span> <span style="border: 1px solid black; padding: 2px;"> </span> $=$ <span style="border: 1px solid black; padding: 2px;"> </span> $+$ <span style="border: 1px solid black; padding: 2px;"> </span> <span style="border: 1px solid black; padding: 2px;"> </span> $=$ <span style="border: 1px solid black; padding: 2px;"> </span> $+$ <span style="border: 1px solid black; padding: 2px;"> </span> $=$ <span style="border: 1px solid black; padding: 2px;"> </span>
		$=$ <span style="border: 1px solid black; padding: 2px;"> </span> $+$ <span style="border: 1px solid black; padding: 2px;"> </span> $=$ <span style="border: 1px solid black; padding: 2px;"> </span> $+$ <span style="border: 1px solid black; padding: 2px;"> </span> $=$ <span style="border: 1px solid black; padding: 2px;"> </span>



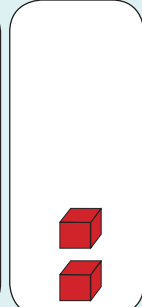
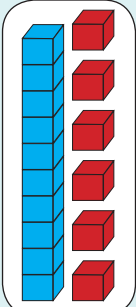
Khupha okulandelako.



$$= 10 - 4$$

$$= 10 - 2$$

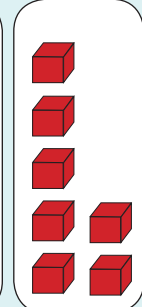
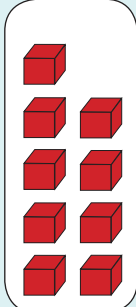
$$= 8$$



$$= \square - \square$$

$$= \square + \square$$

$$= \square$$



$$= \square - \square$$

$$= \square$$



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



Teacher:  
Sign:  
Date:



Ilanga:

## Ukuhlanganisa nokukhupha ukufikela e - 50



Ukukhumbula masinyazana.

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



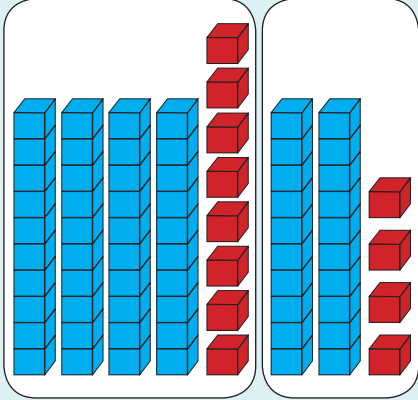
Hlanganisa okulandelako.

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

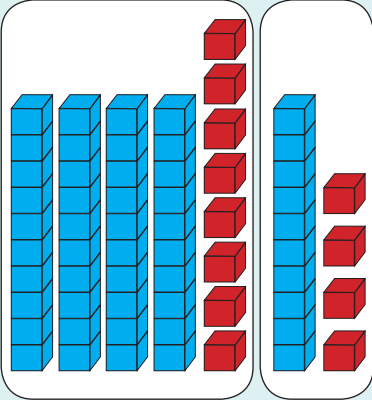
Kwanje linga ngeyakho indlela.



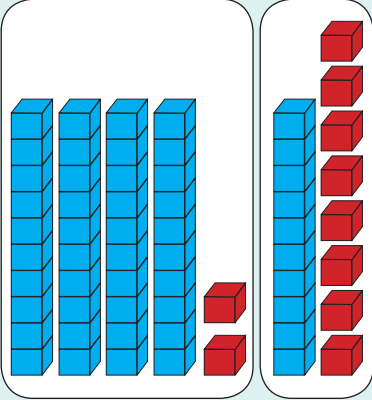
Khupha okulandelako.



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



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



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



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

R20
R5
R2  
R10



Teacher:  
Sign:  
Date:

39a

Ithemu 2



Ilanga:

### Ukuhlanganisa okungaphezulu

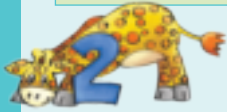
Hlanganisa iinomboro ngaphakathi kwelinye nelinye ibhoksi bese utlola inani elipheleleko.

1	10	5
	10	

2	10	6
	20	

3	20	5
	20	

4	20	4
	10	



Hlanganisa.

$13 + 12 = \square$

$14 + 12 = \square$

$19 + 11 = \square$

$16 + 13 = \square$

$15 + 14 = \square$





Ukuhlanganisa okungaphezulu (kuragela phambili)

Tlola inani elipheleleko.

$$\boxed{12} + \boxed{10} = \boxed{\phantom{00}}$$



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



$$\boxed{19} + \boxed{10} = \boxed{\phantom{00}}$$



Cwala wo ke umncamo oseleko bese uqedelela iimbalo.

0 10 20 30

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

0 10 20 30

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

0 10 20 30

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

0 10 20 30

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



Qedelela.

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



Hlanganisa:

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



Isibalo se-27 nesesi-16 sili?   
Gwala isithombe ukujengisa ipendulo yakho.



Tlola isibalo samagama wakho ngokusebenzisa iinthombe.

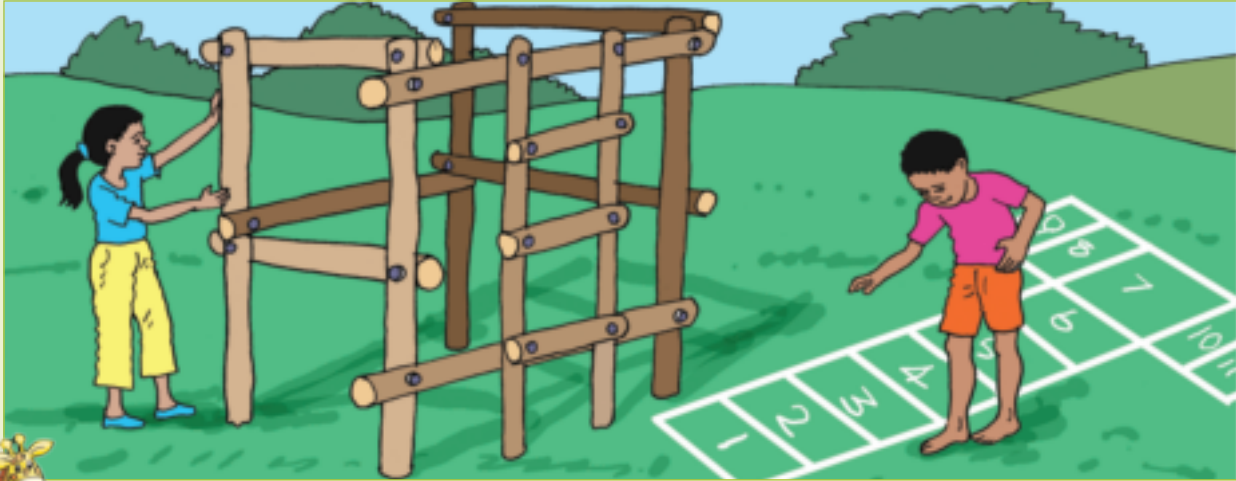


Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

Ilanga:



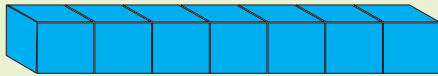
Ubude



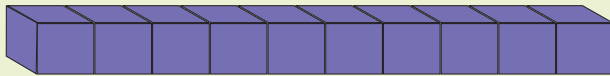
Khalara ipendulo enembako ukutjengisa kobana imida namakholomu made nanyana mafitjhani, mafitjhani nanyana made, made nanyana matsikani. khalara ipendulo yakho ngemibala efanako neyamabhlogo.



fitjhazana      ubude



fitjhazana      ubude



fitjhazana      ubude



fitjhazana

edenyana

ede

edweni

fitjhazana

denyana



Faka ipendulo umbala of ana namabhrugu amafitjhani womsana.



fitjhazana

denyana



denyana

fitjhazana



fitjhazana

denyana



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

Ubude bebala bungaba zizandla ezingaki?

Ubude bebala bungaba ziinyawo ezingaki?

← ubude →



Teacher:

Sign:

Date:



Ilanga:

# Ukukhupha



Madanisa amakarada neembalo zokukhipha.

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

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



Sebenzisa inambalayini. Tlola isibalo sokukhupha.

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

$14 - 4 = 10$

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

$\square - \square = \square$

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

$\square - \square = \square$

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

$\square - \square = \square$



Ukukhupha.

$$10 \text{ } 3 - 3 = \square$$

$$10 \text{ } 5 - 5 = \square$$

$$10 \text{ } 1 - 1 = \square$$

$$10 \text{ } 4 - 4 = \square$$

$$10 \text{ } 9 - 9 = \square$$

$$10 \text{ } 2 - 2 = \square$$

$$10 \text{ } 7 - 7 = \square$$

$$10 \text{ } 6 - 6 = \square$$

$$10 \text{ } 8 - 8 = \square$$

$$10 \text{ } 9 - 5 = \square$$



Ukukhupha.

$$16 - 13$$

$$10 \text{ } 10 = \square$$

$$6 - 3 = 3$$

$$16 - 13 = 3$$

$$14 - 12$$

$$10 \text{ } 10 = \square$$

$$4 - 2 = \square$$

$$14 - 12 = \square$$

$$27 - 11$$

$$20 \text{ } 10 = \square$$

$$7 - 1 = \square$$

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

$$35 - 13$$

$$30 \text{ } 10 = \square$$

$$5 - 3 = \square$$

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

$$26 - 12$$

$$20 \text{ } 10 = \square$$

$$6 - 2 = \square$$

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

$$48 - 11$$

$$40 \text{ } 10 = \square$$

$$8 - 1 = \square$$

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



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



Usele neembalisi ezingaki?



Teacher:

Sign:

Date:

42a

Ithemu 2

Ilanga:



Ukukhupha



Khupha iinomboro ezingenzasi kezingehla.

<table border="1"> <tr><td>10</td><td></td></tr> <tr><td>7</td><td>17</td></tr> </table>	10		7	17	<table border="1"> <tr><td>20</td><td></td></tr> <tr><td>2</td><td></td></tr> </table>	20		2		<table border="1"> <tr><td>30</td><td></td></tr> <tr><td>8</td><td></td></tr> </table>	30		8		<table border="1"> <tr><td>40</td><td></td></tr> <tr><td>9</td><td></td></tr> </table>	40		9	
10																			
7	17																		
20																			
2																			
30																			
8																			
40																			
9																			
<table border="1"> <tr><td>10</td><td></td></tr> <tr><td>5</td><td>15</td></tr> </table>	10		5	15	<table border="1"> <tr><td>10</td><td></td></tr> <tr><td>1</td><td></td></tr> </table>	10		1		<table border="1"> <tr><td>10</td><td></td></tr> <tr><td>5</td><td></td></tr> </table>	10		5		<table border="1"> <tr><td>10</td><td></td></tr> <tr><td>4</td><td></td></tr> </table>	10		4	
10																			
5	15																		
10																			
1																			
10																			
5																			
10																			
4																			
2																			



Sebenzisa inambalayini. Tlola isibalo sokukhupha.

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



Khupha.

$$45 - 23$$

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

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

$$= 20 + 2$$

$$= 22$$

$$38 - 16$$

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

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

$$= \square + \square$$

$$= \square$$

$$29 - 14$$

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

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

$$= \square + \square$$

$$= \square$$

$$48 - 11$$

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

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

$$= \square + \square$$

$$= \square$$

$$35 - 23$$

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

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

$$= \square + \square$$

$$= \square$$

$$38 - 15$$

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

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

$$= \square + \square$$

$$= \square$$



Teacher:

Sign:

Date:

# 42b

Ilanga:

Ithemu 2



## Okhunye godu ukukhupha



Liyini inani loke lebhlogo ngayinye?

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



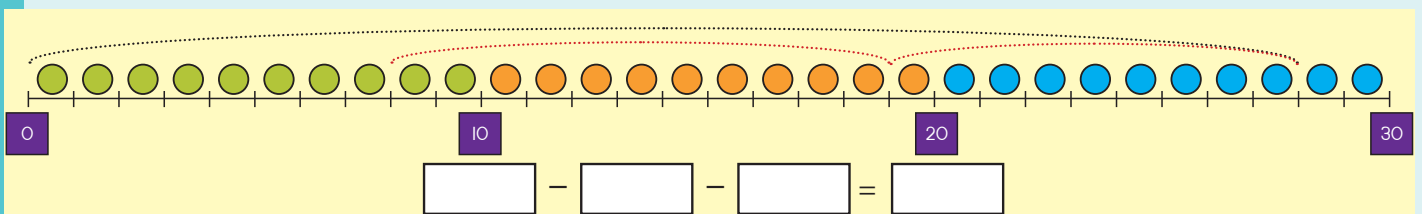
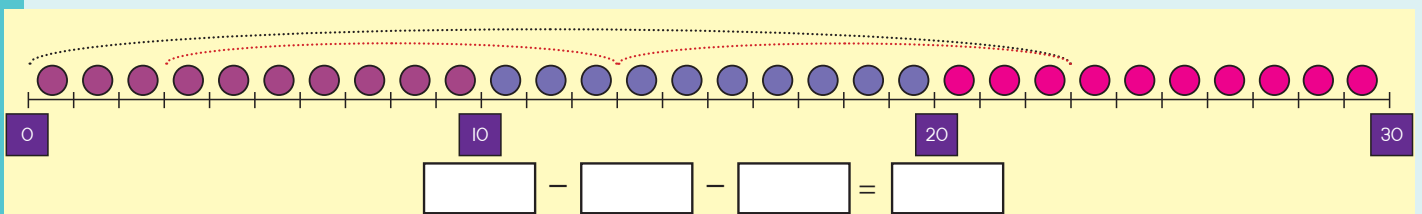
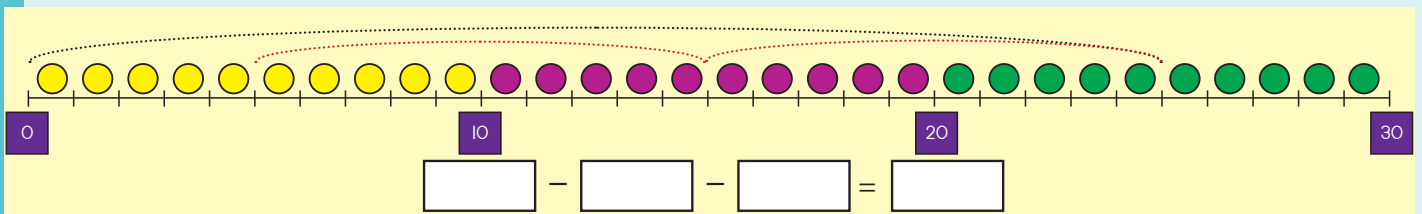
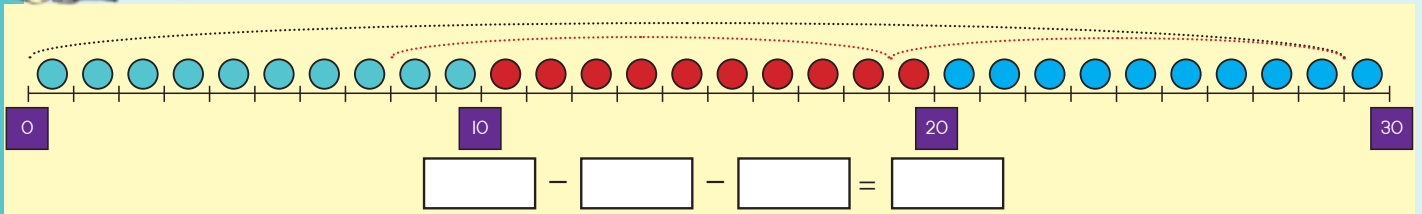
$$\boxed{25} - \boxed{10} = \boxed{\phantom{00}}$$



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



Qedelela iimbalo zokukhipha.





Qedelela.

$$46 - 13 = \square$$

$$49 - 23 = \square$$

$$38 - 14 = \square$$

$$27 - 16 = \square$$

$$25 - 11 = \square$$

$$46 - 32 = \square$$



Khupha.

$$21 - 10 = \square$$

$$43 - 10 = \square$$

$$16 - 10 = \square$$

$$28 - 10 = \square$$

$$27 - 10 = \square$$

$$22 - 10 = \square$$

$$34 - 10 = \square$$

$$37 - 10 = \square$$

$$45 - 10 = \square$$

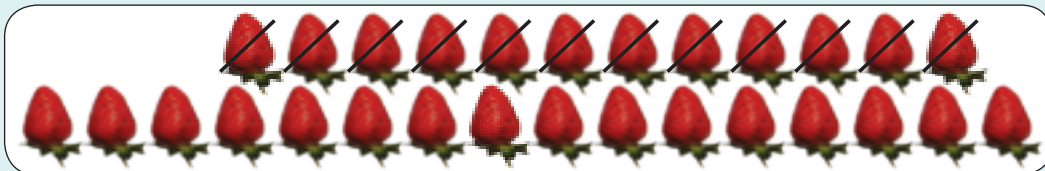


Umehluko hlangana nama-35 nama-20 li?  
Cwala isithombe ukutjengisa ipendulo yakho.

$$\boxed{35} - \boxed{20} = \square$$



Tlola isibalo samagama wakho  
ngokusebenzisa iinthombe.



Teacher:  
Sign:  
Date:

Ilanga:



# Ubudisi nobulula



Qala isithombe ngasinye bese uphendula imibuzo.

Ngikuphi okulula kanye nalokho okubudisi khulu?

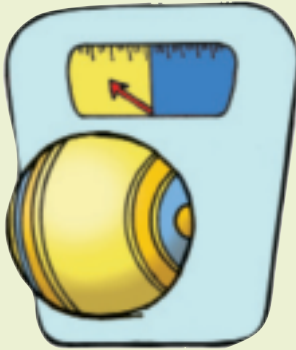


Namathisela nanyana ugwale iinthome zalokhu:

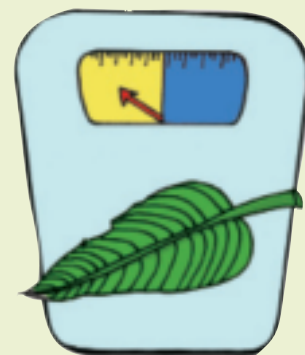
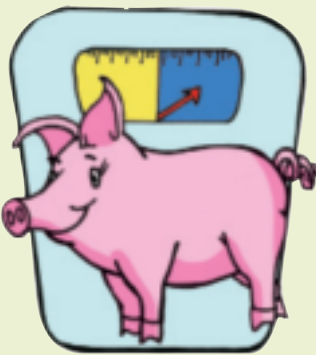
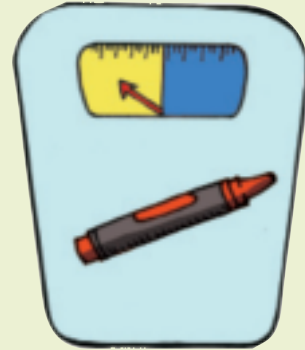
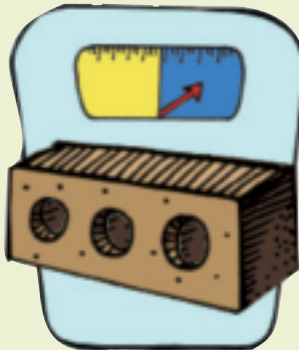
Iinthombe zezinto ezibudisi	Iinthombe zezinto ezilula



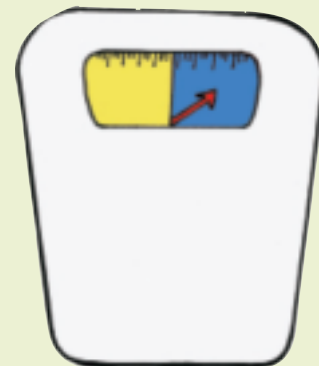
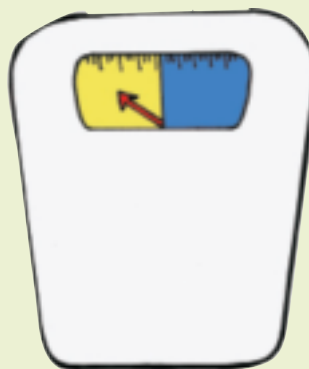
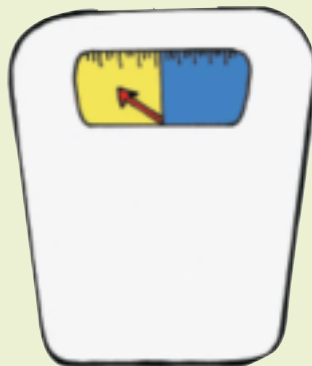
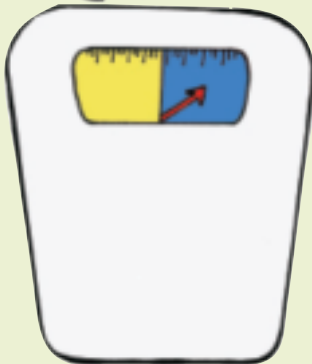
Lokha umkhonto obovu ukhomba ngehlangothini elisarulani, into ilula begodu nawukhomba kuhlaza sasibhakabhaka, into ibudisi. Tlola kubudisi nanyana kulula.



lula



Namathisela nanyana ugwale ukuya ngalokho isikala/isimedo besikutjhoko.



Teacher:

Sign:

Date:

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Ithemu 2



Ilanga:



### Isibalo samaphetheni: Ngamabili

Asibaleni ngakubili.



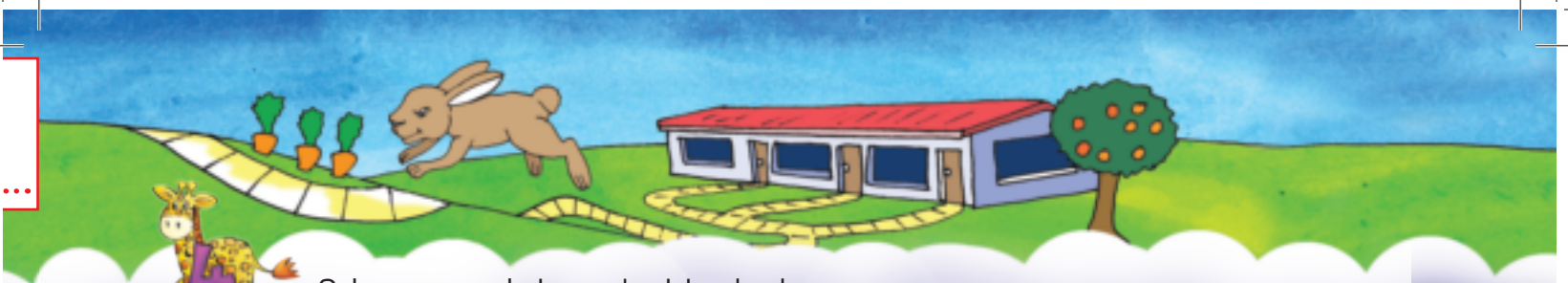
Uwala namkha namathisela iinthombe zezinto ezikhamba ngazimbili.

Three empty rounded rectangular boxes for drawing or writing.

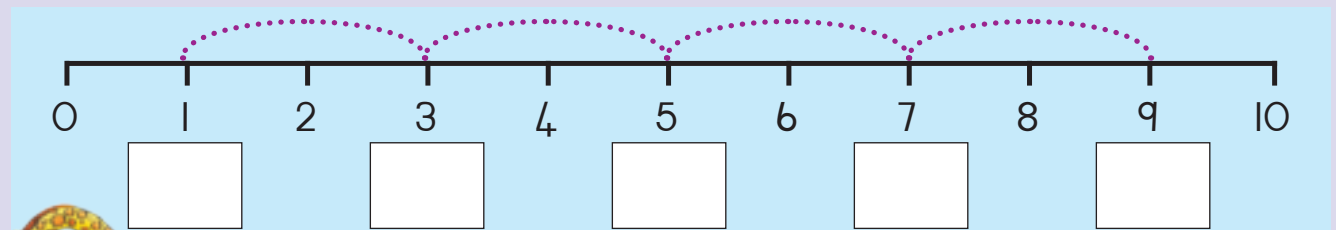
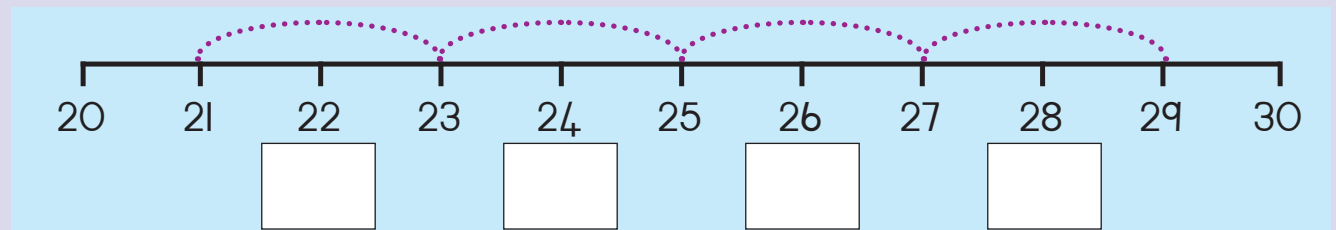
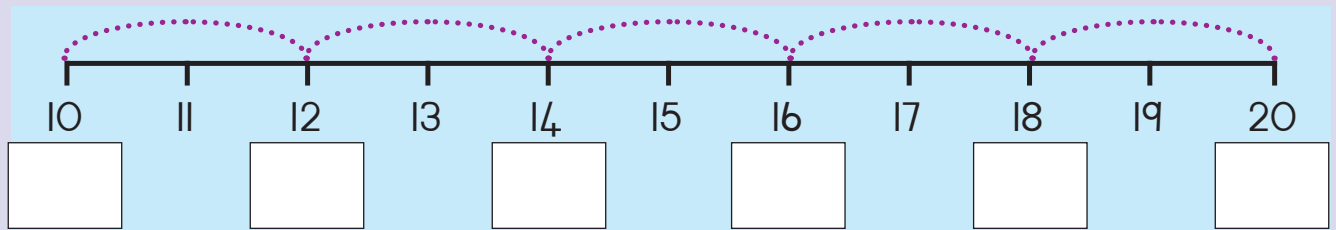
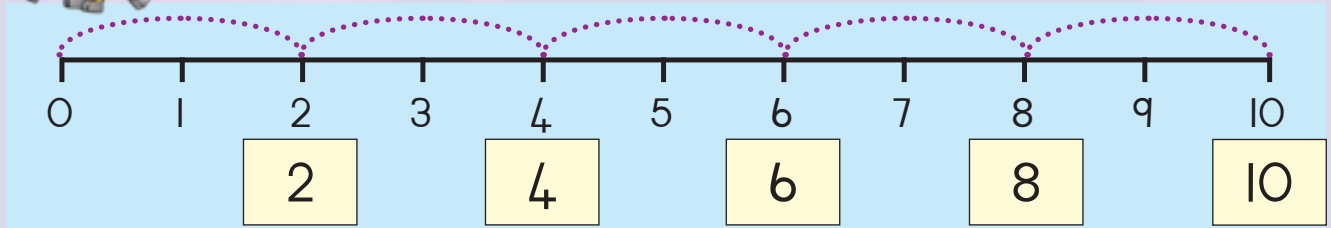


Sithome iphetheni. Wena-ke iqedelele.

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, \_\_, \_\_, \_\_

62, 64, 66, \_\_, \_\_, \_\_

44, 46, 48, \_\_, \_\_, \_\_

1, 3, 5, \_\_, \_\_, \_\_

13, 15, 17, \_\_, \_\_, \_\_

55, 57, 59, \_\_, \_\_, \_\_

10, 8, 6, \_\_, \_\_, \_\_

98, 96, 94, \_\_, \_\_, \_\_

26, 24, 22, \_\_, \_\_, \_\_

11, 9, 7, \_\_, \_\_, \_\_

29, 27, 25, \_\_, \_\_, \_\_

95, 93, 91, \_\_, \_\_, \_\_



2 4 6 8 10 12 14 16 18 20



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

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

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



Ilanga:

### Buyelela kabili

Qala isithombe sokuthoma nesesibili. Kwenzeka ini?

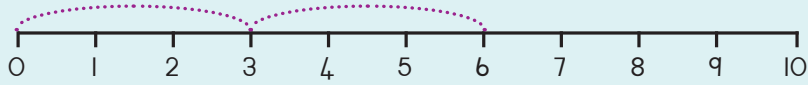


Hlanganisa amacaphazi begodu utlole isibalo sawo.

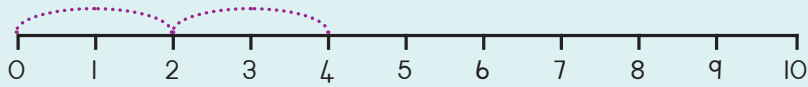
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input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



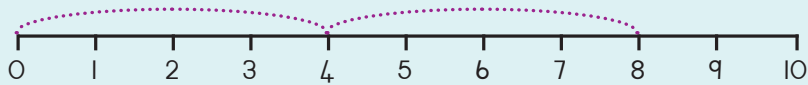
Sebenzisa inambalayini ukutlola isibalo.



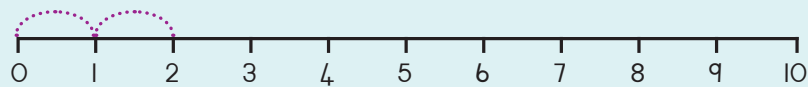
$$\square + \square = \square$$



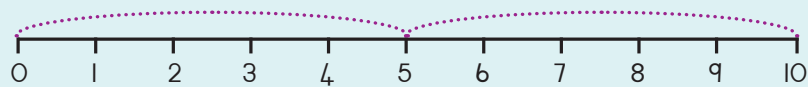
$$\square + \square = \square$$



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



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



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



Buyelela kabili okulandelako.

Buyelela kabili ngabo-1

$$1 + 1 = 2$$

$$2 \times 1 = 2$$

Buyelela kabili ngabo-2

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

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

Buyelela kabili ngabo-3

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

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

Buyelela kabili ngabo-4

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

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

Buyelela kabili ngabo-5

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

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



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



Teacher:

Sign:

Date:

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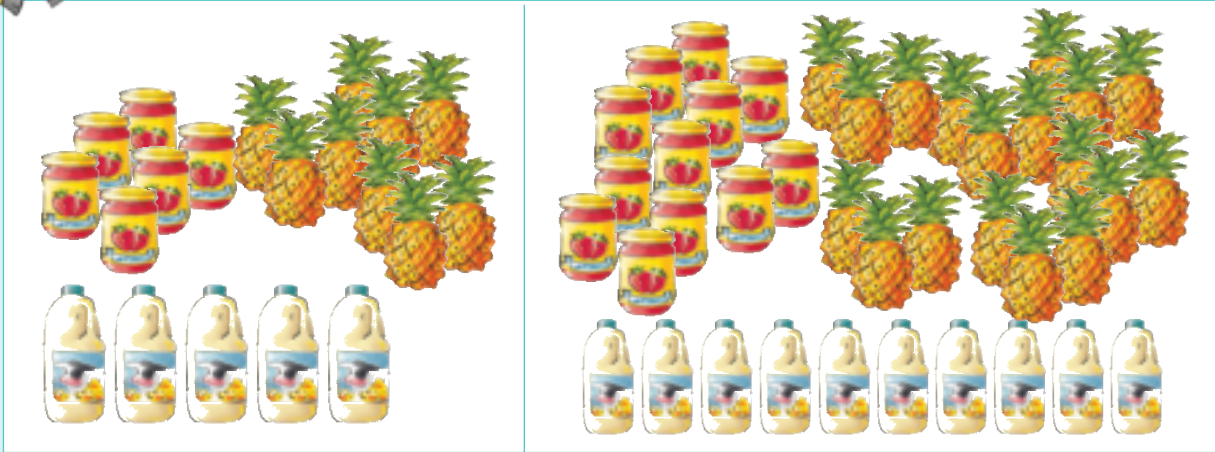
Ithemu 2



Ilanga:

### Ngokuphindwe kabili

Qala isithombe sokuthoma nesesibili. Kwenzeka ini?

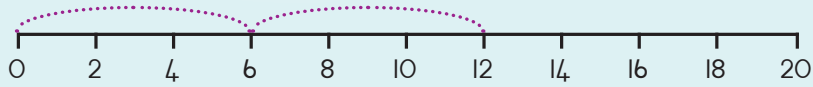


Hlanganisa amaqatjhazi, begodu utlole isibalo sawo ngalinye.

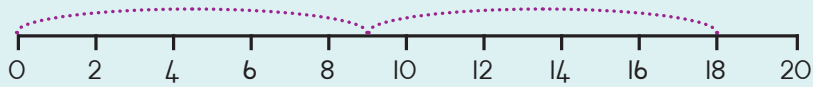
		<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
		<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
		<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
		<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
		<input type="text"/>	+	<input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



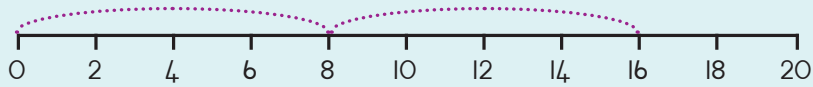
Sebenzisa inambalayini ukutlola isibalo.



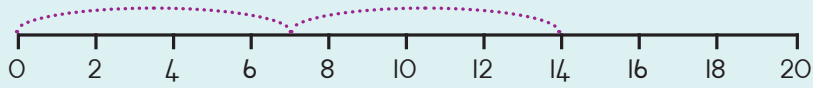
$$\square + \square = \square$$



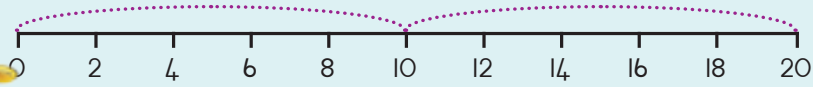
$$\square + \square = \square$$



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



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



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



Buyelela kabili okulandelako.

Buyelela kabili ngabo-6

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

$$2 \times 6 = 12$$

Buyelela kabili ngabo-7

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

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

Buyelela kabili ngabo-8

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

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

Buyelela kabili ngabo-9

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

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

Buyelela kabili ngabo-10

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

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



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



Teacher:

Sign:

Date:



Ilanga:

Phinda kabili

Buyelela okubu-8 kabili.

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



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

Buyelela okuli-9 kabili.

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



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



Sebenzisa umncamo ukubuyelela iinomboro kabili. Yokuthoma sikuthomele yona.

Buyelela oku-5 kabili



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

Buyelela oku-6 kabili



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

Buyelela oku-7 kabili



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

Buyelela okubu-8 kabili



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

Buyelela okuli-9 kabili



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



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

Buyelela kabili oku-6

$6 + 6 = \square$   
 $2 \times 6 = \square$

Buyelela kabili okubu-8

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

Buyelela kabili oku-7

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

Buyelela kabili oku-9

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



Buyelela kabili okulandelako:

Buyelela kabili okuli-7

$\square + \square = \square$

$2 \times \square = \square$

Buyelela kabili okuli-9

$\square + \square = \square$

$2 \times \square = \square$

Buyelela kabili okuli-6

$\square + \square = \square$

$2 \times \square = \square$

Buyelela kabili okubu-8

$\square + \square = \square$

$2 \times \square = \square$

Buyelela kabili okuli-10

$\square + \square = \square$

$2 \times \square = \square$



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



Teacher:

Sign:

Date:



Ilanga:

Ukuphinda okubuyelelweko

Buyelela kabili okuli-12

Two rows of 12 circles each. The first 10 circles in each row are yellow, and the last 2 are green. The first 10 circles are grouped together by a purple bar above them.



Sebenzisa umncamo ukubuyelela iinomboro kabili. Yokuthoma sesikuthomele yona.

Buyelela kabili okuli-13

Two rows of 13 circles each. The first 10 circles in each row are yellow, and the last 3 are green. The first 10 circles in each row are grouped together by a white oval.

Buyelela kabili okuli-15

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

Two rows of 15 circles each. The first 10 circles in each row are yellow, and the last 5 are green.

Buyelela kabili okuli-14

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

Two rows of 14 circles each. The first 10 circles in each row are yellow, and the last 4 are green.

Buyelela kabili okuli-11

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

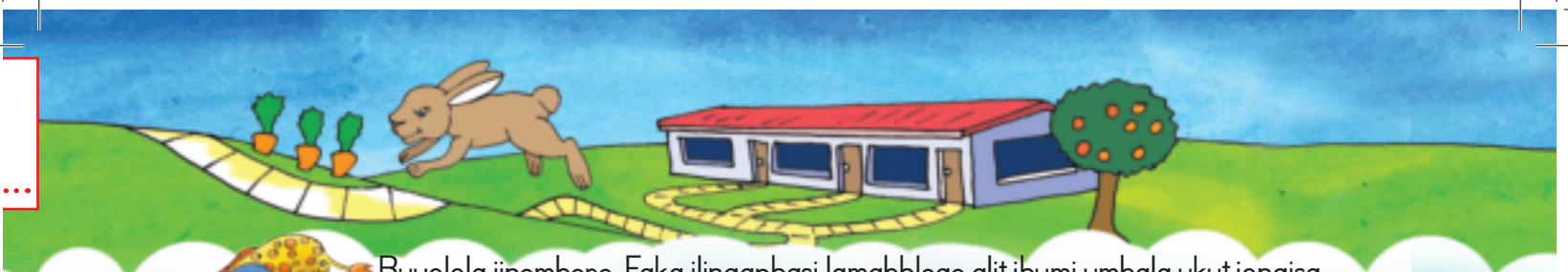
Two rows of 11 circles each. The first 10 circles in each row are yellow, and the last 1 is green.

Buyelela kabili okuli-16

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

Two rows of 16 circles each. The first 10 circles in each row are yellow, and the last 6 are green.

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



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

Buyelela kabili okuli-11

$$\begin{array}{l} \square + \square = \square \\ 2 \times \square = \square \end{array}$$

Buyelela kabili okuli-13

$$\begin{array}{l} \square + \square = \square \\ 2 \times \square = \square \end{array}$$

Buyelela kabili okuli-14

$$\begin{array}{l} \square + \square = \square \\ 2 \times \square = \square \end{array}$$

Buyelela kabili okuli-15

$$\begin{array}{l} \square + \square = \square \\ 2 \times \square = \square \end{array}$$


Buyelela kabili okulandelako:

Buyelela kabili okuli-11	$\square + \square = \square$	$2 \times \square = \square$
Buyelela kabili okuli-13	$\square + \square = \square$	$\square \times \square = \square$
Buyelela kabili okuli-16	$\square + \square = \square$	$2 \times \square = \square$
Buyelela kabili okuli-17	$\square + \square = \square$	$\square \times \square = \square$
Buyelela kabili okuli-18	$\square + \square = \square$	$2 \times \square = \square$



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



Teacher:

Sign:

Date:

## Iimumathi kanye nomthamo

Khulumani ngeemumathi ezikelinye nelinye ideske.

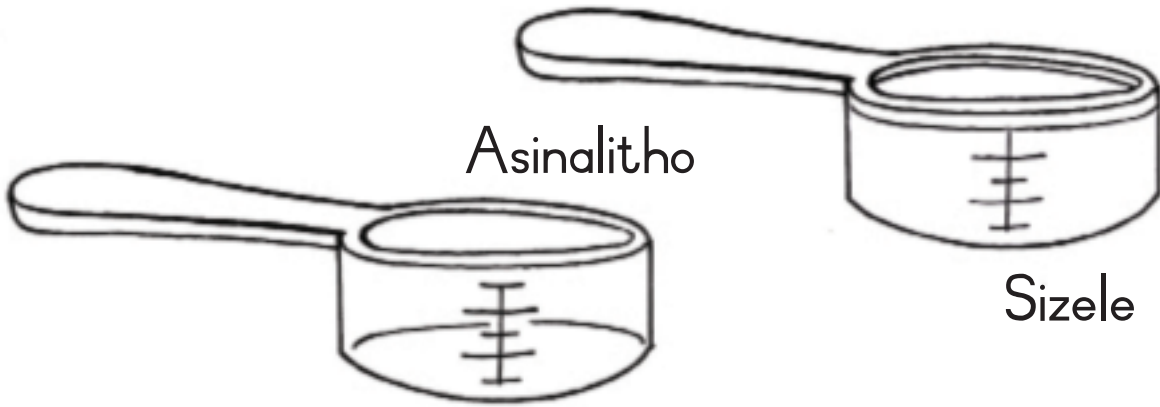


Yitjho nangabe isimumathi sizele nanyana asinalitho.





Khalara ukutjengisa kobana iimumathi ezilandelako \_\_\_\_\_.



Gwala zakho iimumathi bese ukhalare okungaphakathi utjengise:

Asinalitho	Sizele
Asinalitho	Sizele



Teacher:  
Sign:  
Date:



Ukubuyabuyelela:  $\times 3$

Mangaki amaswidi asetheyibuleni ngayinye?



Diagram 1: 2 children, 6 candies. Box:

Diagram 2: 3 children, 9 candies. Box:

Diagram 3: 2 children, 6 candies. Box:



Qedelela okulandelako.

●●●    ●●●

iinqhema ezi-2 zangaku-3     $3 + 3 =$      $2 \times 3 =$

●●●    ●●●    ●●●    ●●●    ●●●

iinqhema ezi-5 zangaku-3     $3 + 3 + 3 + 3 + 3 =$      $5 \times 3 =$

●●●    ●●●    ●●●    ●●●

iinqhema ezi-4 zangaku-3     $3 + 3 + 3 + 3 =$      $4 \times 3 =$

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

iinqhema ezi-6 zangaku-3     $3 + 3 + 3 + 3 + 3 + 3 =$      $6 \times 3 =$

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

iinqhema ezi-7 zangaku-3     $3 + 3 + 3 + 3 + 3 + 3 + 3 =$      $7 \times 3 =$



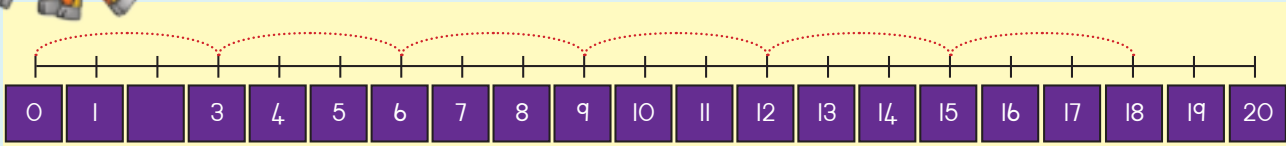
iinqhema ezi-3 zangaku-3

iinqhema ezi-4 zangaku-3

iinqhema ezi-5 zangaku-3



Gwala umgwalo wokulandelako.



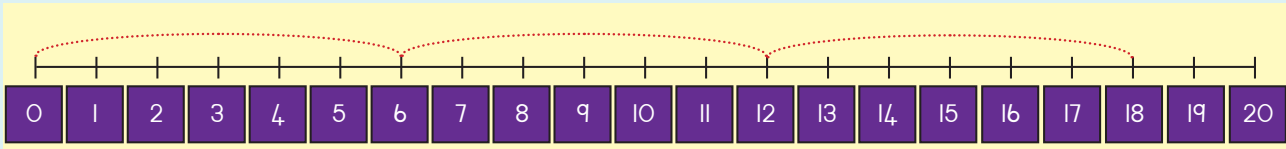
3, 6, 9, 12, \_\_\_\_, \_\_\_\_

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

iinqhema ezi-6 zangaku-3 =

$6 \times 3 =$

Umgwalo



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

$6 +$    $+$    $=$

iinqhema ezi-3 zangaku-   $=$

$3 \times$    $=$

Umgwalo



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




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

Ilanga:

## Amaphetheni weenomboro: Ngakuthathu

Asibaleni ngakubili.

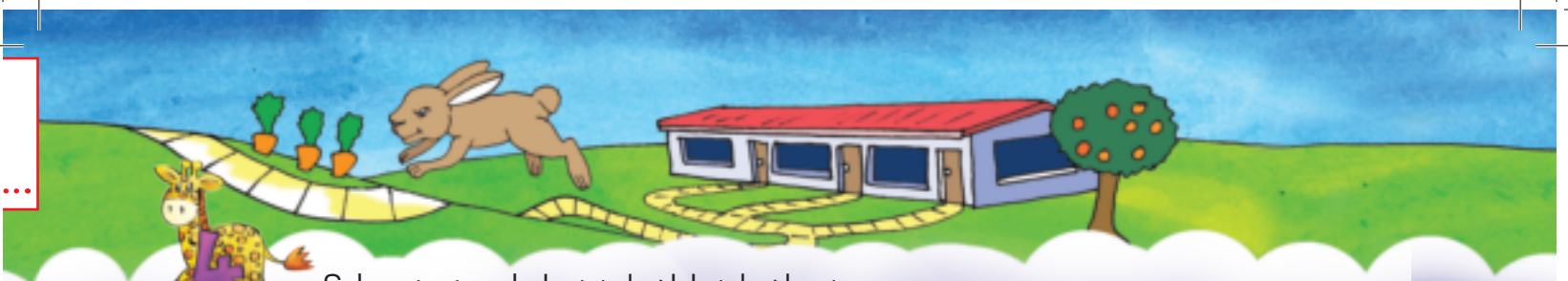



Cwala namkha namathisela iinthombe zezinto ezikhamba ngambili.

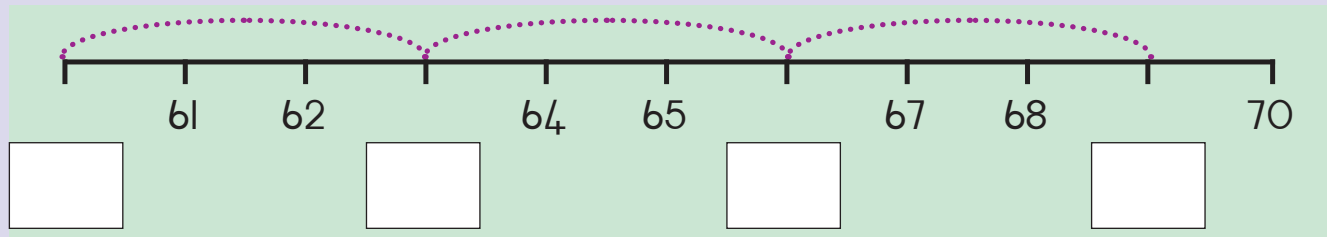
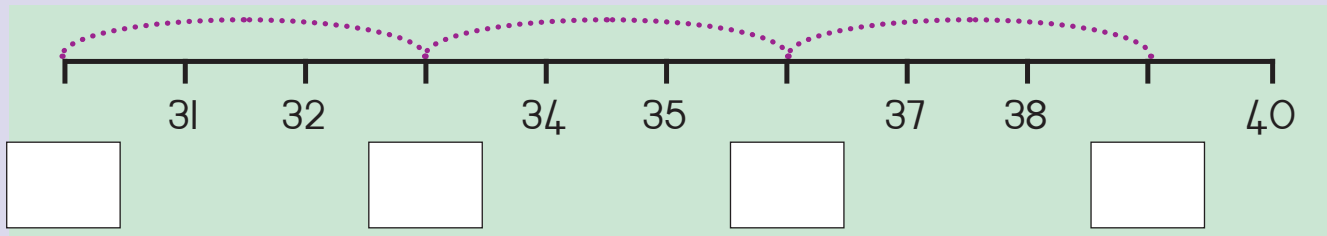
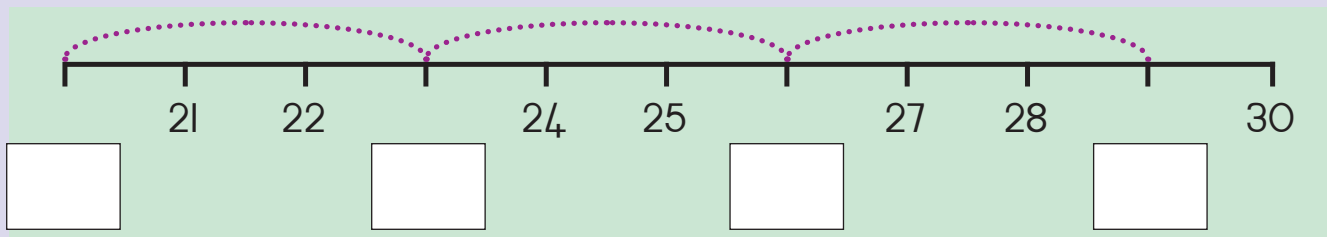
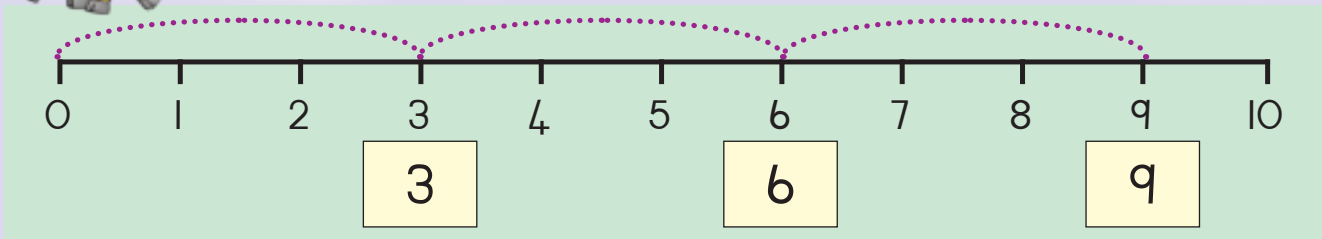


Sithome iphetheni. Wena-ke iqedelele.

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.

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



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

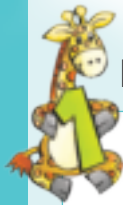


Teacher:  
Sign:  
Date:



Ukubuyabuyelela:  $\times 4$

Mangaki amaswidi asetafuleni ngayinye?




Qedelela okulandelako.

●●●● ●●●● ●●●●

iinqhema ezi-3 zangaku-4  $4 + 4 + 4 =$   $3 \times 4 =$

●●●● ●●●●

iinqhema ezi-2 zangaku-4  $4 + 4 =$   $2 \times 4 =$

●●●● ●●●● ●●●● ●●●●

iinqhema ezi-4 zangaku-4  $4 + 4 + 4 + 4 =$   $4 \times 4 =$

●●●● ●●●● ●●●● ●●●● ●●●● ●●●●

iinqhema ezi-6 zangaku-4  $4 + 4 + 4 + 4 + 4 + 4 =$   $6 \times 4 =$

●●●● ●●●● ●●●● ●●●● ●●●● ●●●● ●●●●

iinqhema ezi-7 zangaku-4  $4 + 4 + 4 + 4 + 4 + 4 + 4 =$   $7 \times 4 =$



Gwala umgwalo wokulandelako.

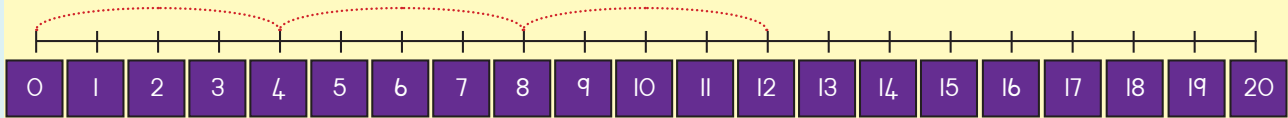
iinqhema ezi-3 zangaku-4

iinqhema ezi-4 zangaku-4

iinqhema ezi-5 zangaku-4



Gwala umgwalo wokulandelako.



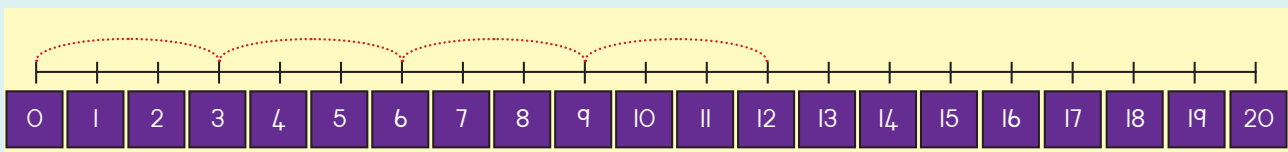
4, 8, \_\_\_\_

$4 + 4 + 4 =$

iinqhema ezi-3 zangaba-4 =

$3 \times 4 =$

Umgwalo



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

$3 + 3 + 3 + 3 =$

iinqhema ezi-4 zangaba  =

$4 \times$   =

Umgwalo



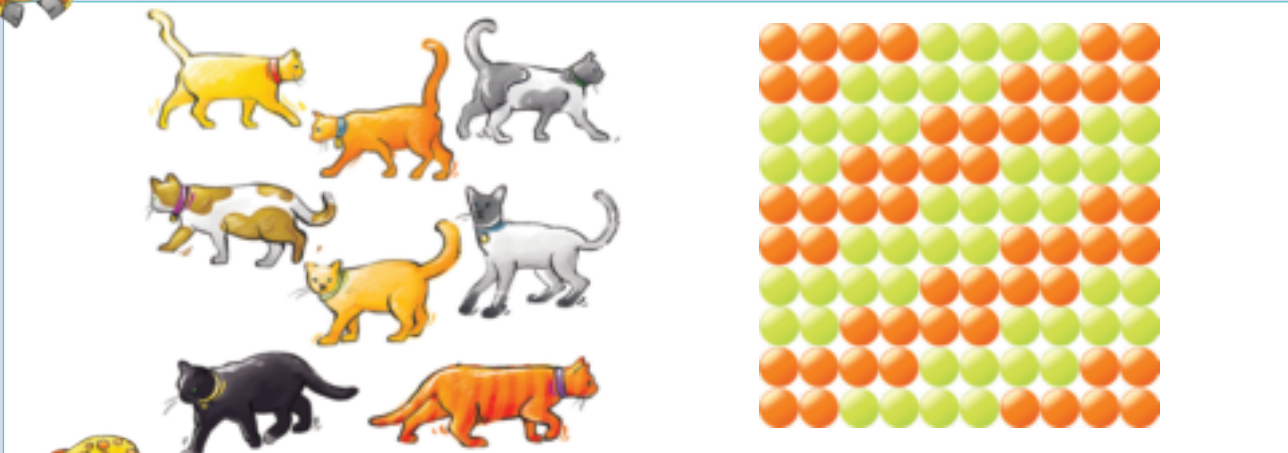
Ipera inemilenze emi-4. Iimpera ezintathu zinemilenze emingaki?



Teacher:  
Sign:  
Date:

## Amaphetheni weenomboro: Ngakune

Asibaleni ngakune.



Gwala namkha namathisela izinto ezikhamba ngazine.

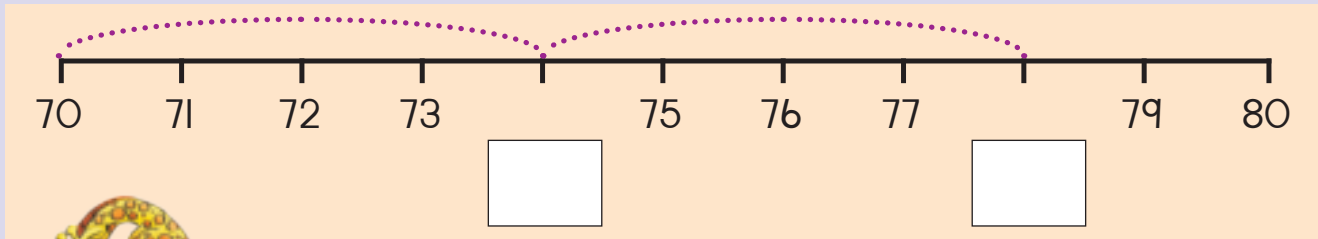
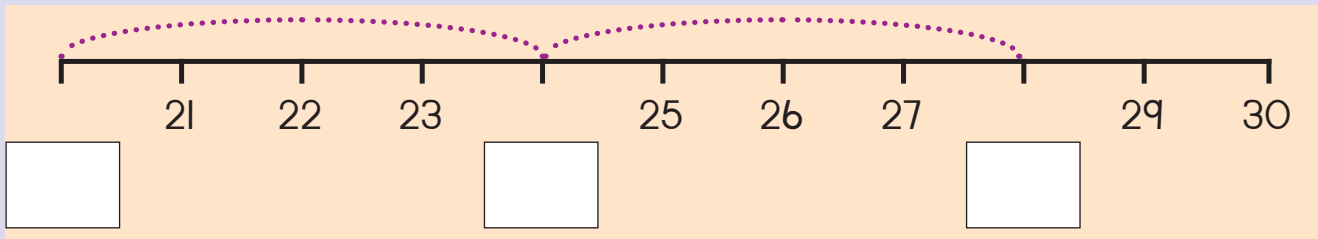
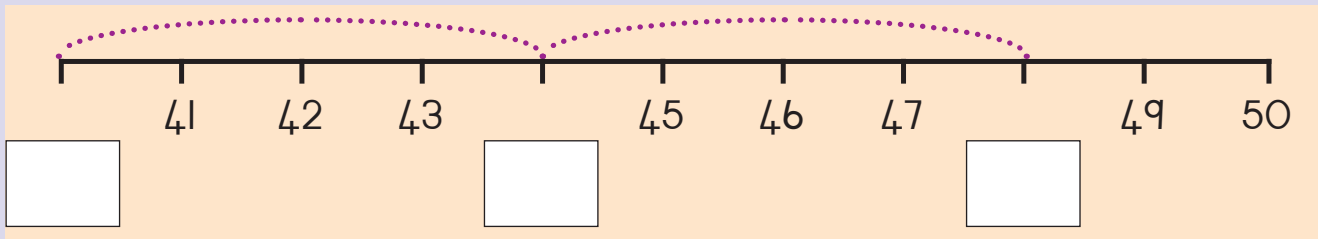
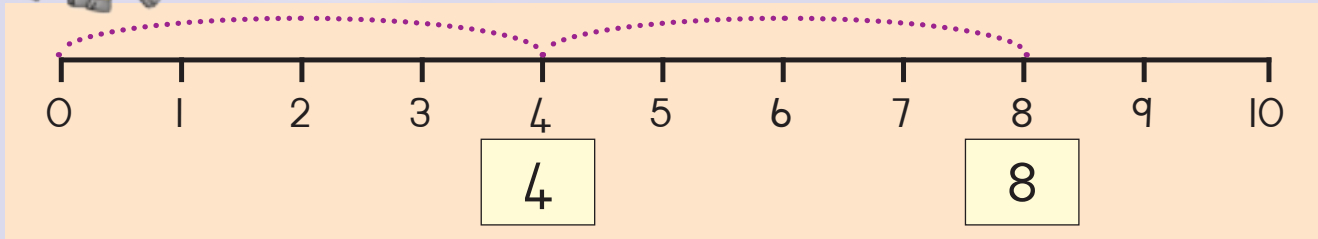


Sithome iphetheni. Wena iqedelele.

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



Sebenzisa inambalayini ukutlola iphethehi.



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?



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

Ilanga:



### Ezinye iindatjana zokubuyabuyelela

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



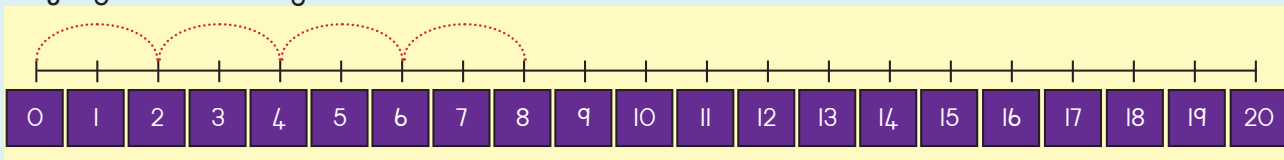
Ukatsu unamehlo ama-2. Abokatsu aba-4 banamehlo amangaki?

Faka amehlo kakatsu umbala.

Tjengisa lokho ngeembalisi.



Kutjengise kunambalayini.



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

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



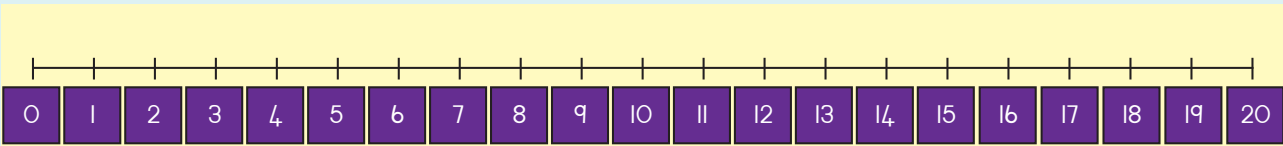
Ibhayisigili emavili-ntathu inamavili ama-3. Zinamavili amangaki iimbhayisigili ezihlanu ezimavili-ntathu?



Faka amavili webhayisigili emavili-ntathu umbala.

Tjengisa lokho ngeembalisi.

Kutjengise kunambalayini.

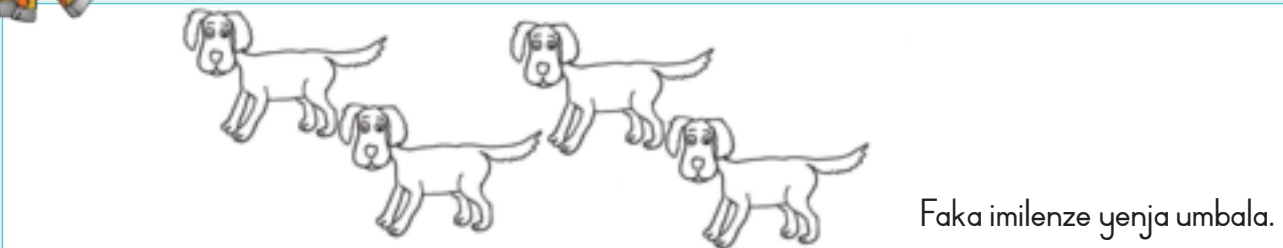


+  =

×  =



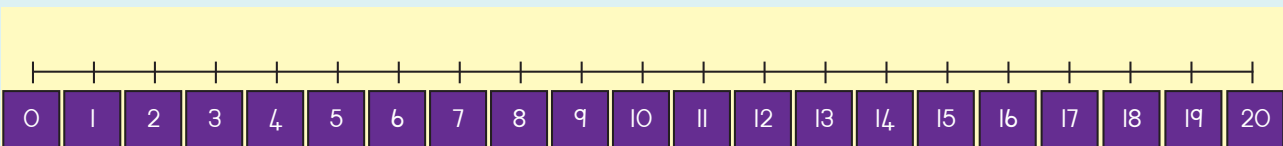
Inja inemilenze emi-4. Zinemilenze emingaki izinja ezi-4?



Faka imilenze yenja umbala.

Tjengisa lokho ngeembalisi.

Kutjengise kunambalayini.



+  =

×  =



Teacher:  
Sign:  
Date:

Ilanga:



# Ama-iri



Khulumani namawatjhi.















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

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



Umkhono **omfitjhani** usitjengisa ini?

			
<input type="text"/> i-iri	<input type="text"/> ama-iri	<input type="text"/> ama-iri	<input type="text"/> ama-iri
			
<input type="text"/> ama-iri	<input type="text"/> ama-iri	<input type="text"/> ama-iri	<input type="text"/> ama-iri
			
<input type="text"/> ama-iri	<input type="text"/> ama-iri	<input type="text"/> ama-iri	<input type="text"/> ama-iri



Gwala umkhono omfitjhani.

ama-iri ama 4



i-iri eli-1



ama-iri ama 11



ama-iri ama 7



ama-iri abu 9



ama-iri ali 10



ama-iri ama 2



ama-iri ama 5



ama-iri ama 3



ama-iri asi 6



ama-iri abu 8



ama-iri ali 12



Ngikuphi okungathatha i-iri ukukwenza? Khalara ipendulo enembako.



Ukwenza umsebenzi wesikolo



Ukulala



Ukuhlamba amazinyo



Teacher:

Sign:

Date:



Ilanga:

## Amaphetheni weenomboro: Ngakuhlano

Asibaleni ngakuhlano.




Gwala namkha namathisela iinthombe ezikhamba ngazihlanu.

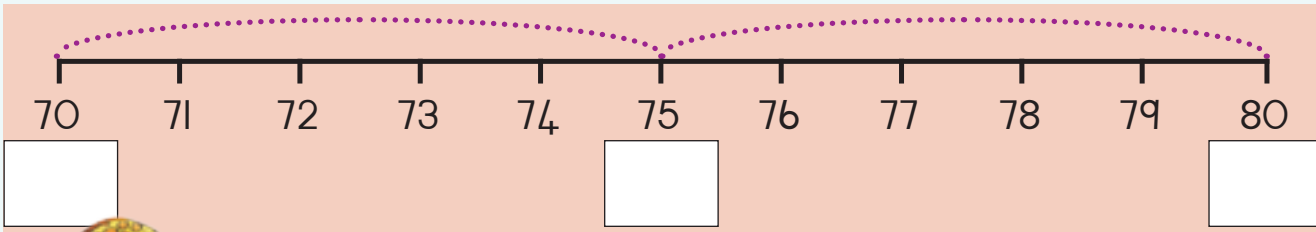
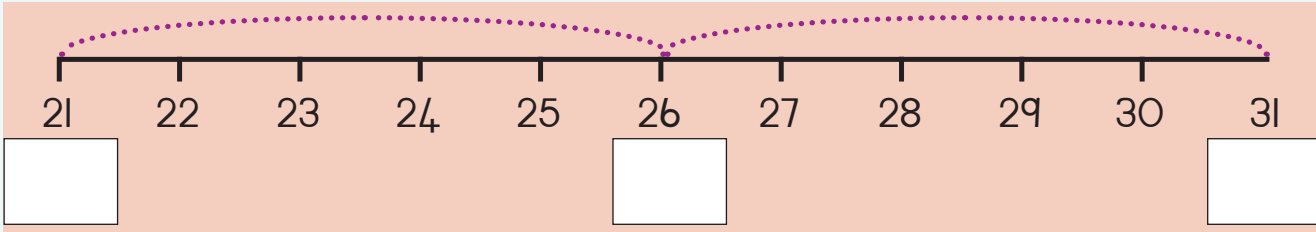
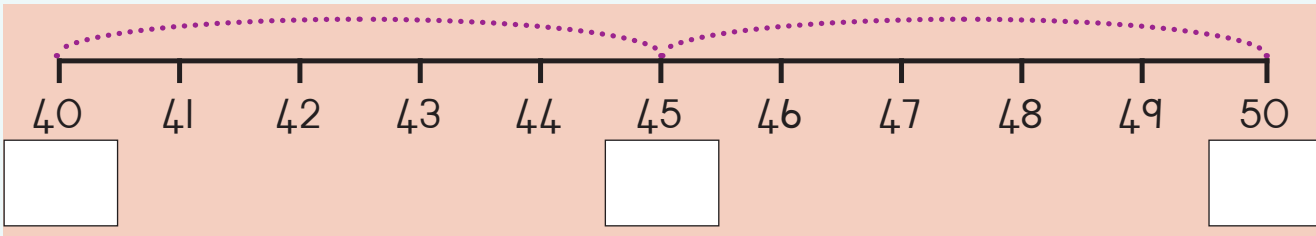
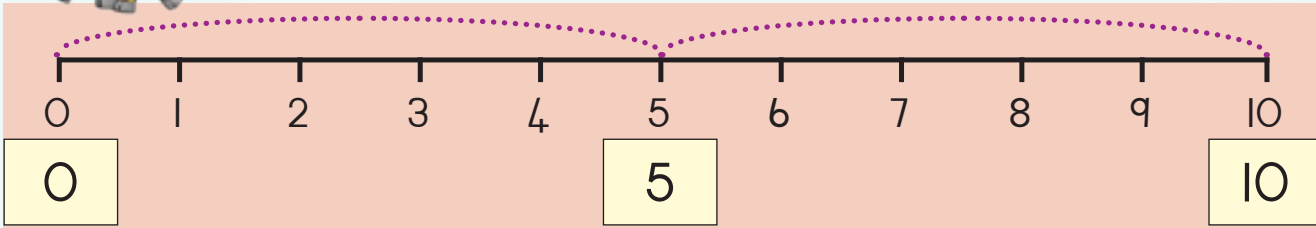


Sithome iphetheni. Wena-ke iqedelele.

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



Sebenzisa inambalayini ukutlola iphethehi.



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.



Ungatlhoga ukusizwa  
mumuntu omdala.



Gwala izinto ongazenza ngemizuzu elandelako:

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** usitjengisa imizuzu.  
Lapha itjengisa imizuzu ei-10.

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



Umkhono **omude** usutjengisa ini?



imizuzu



imizuzu



imizuzu



imizuzu



imizuzu



imizuzu



Gwala umkhono **omude**.

imizuzu ema-55



imizuzu ema-35



imizuzu ema-60



imizuzu eli-10



imizuzu ema-45



imizuzu eli-12



Ngikuphi okungathatha umzuzu owodwa kobana ukwenze? Khalara ipendulo enembako.



Ukweqa



Ukudlala



Ukudla



Teacher:

Sign:

Date:

Ilanga:



### Ukubuthelela nokwaba

Mabhlogo amangaki endulungeni ngayinye hlangana nabentwana?



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

×  =

×  =

×  =



Yabela iyingi ngokulinganako amabhlogo.

ukwabiwa hlangana  =

ukwabiwa hlangana  =



Gwala okulandelako. Tlola ithothali yakho ngakunye.

iinqhema ezi-3 zangaku-2

+ Hlanganisa inani loke:

× Buyabuyelela inani loke:

iinqhema ezi-2 zangama-14

+ Hlanganisa inani loke:

× Buyabuyelela inani loke:

Yaba iimbalisi ezili- 12 hlangana naku-4.

— Khupha inani loke:

÷ Isibalo sokwabiwa hlangana (ukwabelana):

Yaba iimbalisi ezima- 36 hlangana naku-3.

— Khupha inani loke:

÷ Isibalo sokwabiwa hlangana (ukwabelana):



Bala.

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

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

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

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



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



Teacher:

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Date:

Ilanga:

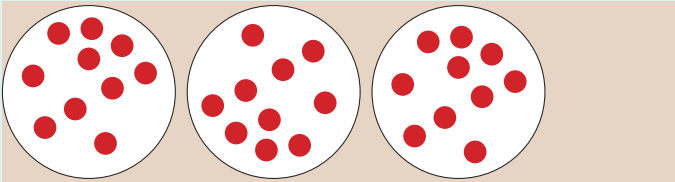


### Okhunye ukubuthelela nokwaba

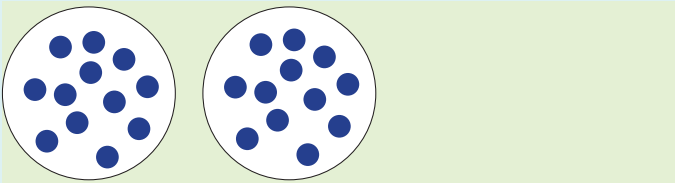
Kunamabhlogo amangaki ngaphakathi kwesiyingi ngasinye? Yabela abentwana ngokulinganako.



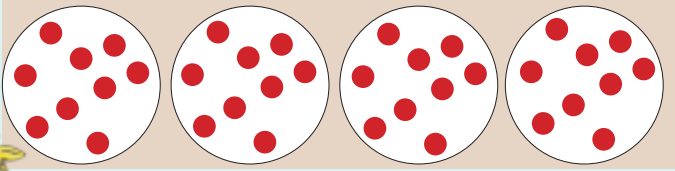
Mangaki amabhlogo asendulungeni ngayinye? Tlola inani elihlangeneko, inani ngendulungeni ehlaza kwesibhakabhaka.



×  =



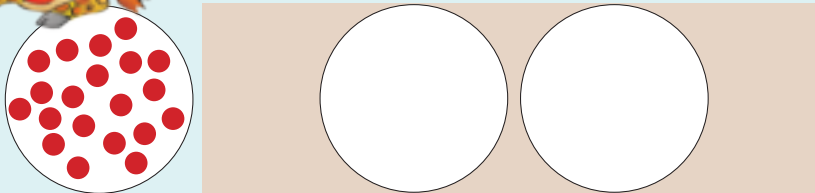
×  =



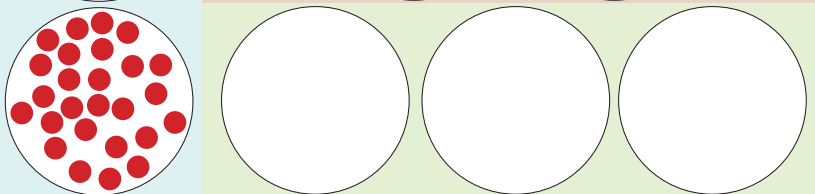
×  =



Yaba amabhlogo hlangana neendulungu.



ukwabiwa hlangana  =



ukwabiwa hlangana  =



Gwala okulandelako. Tlola ithothali yakho ngakunye.

iinqhema ezi-3 zangaku-12

+ Hlanganisa inani loke:

× Buyabuyelela inani loke:

iinqhema ezi-5 zangama-10

+ Hlanganisa inani loke:

× Buyabuyelela inani loke:

Yaba iimbalisi ezili-24 hlangana naku-4.

— Khupha inani loke:

÷ Isibalo sokwabiwa hlangana (ukwabelana):

Yaba iimbalisi ezima-25 hlangana naku-5

— Khupha inani loke:

÷ Isibalo sokwabiwa hlangana (ukwabelana):



Bala.

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

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

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

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



buyelelela kabili



Teacher:

Sign:

Date:

# Okhunye godu ukubuthelela nokwaba

Kuneembali ezingaki ngaphakathi kwesiyingi ngasinye? Yabela abentwana ababili ngokulinganako.






Zingaki iimbalisi ngendulungeni ngayinye?

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



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

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



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

aboncantathu

iinkwere



Yaba iinthelo hlangana kwabentwana. Gwala aboncantathu.



onama-orontji

onamahabhula



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



Teacher:

Sign:

Date:

61

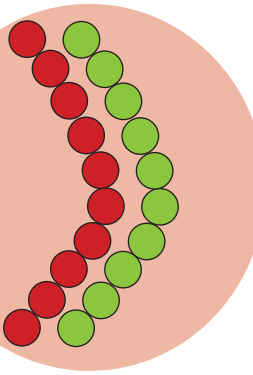

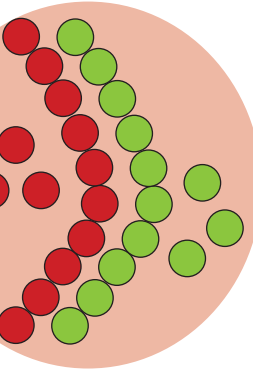
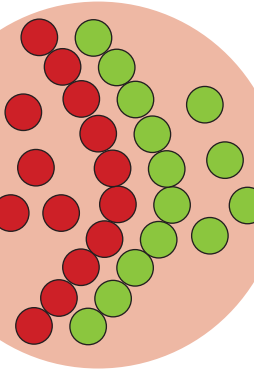
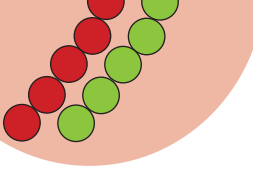

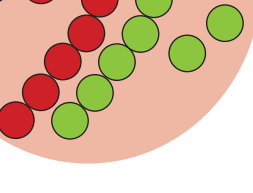

Ilanga:

Ithemu 2

# Okhunye godu ukubuthelela nokwaba

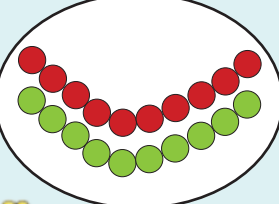
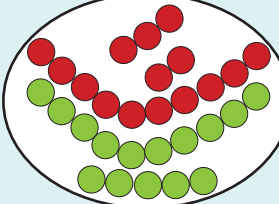
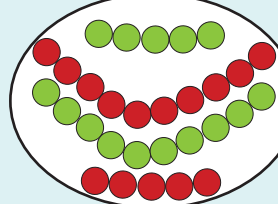
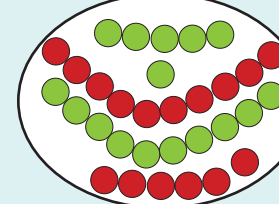
Mngaki umncamo owubala ngeentoro endulungeni ngayinye ehlangana nabentwana.





Mngaki umncamo osendulungeni ngayinye?

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



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

Umncamo obomvu  <input type="text"/>	Umncamo obomvu  <input type="text"/>
Umncamo osarulani  <input type="text"/>	Umncamo ohlaza satjani  <input type="text"/>



Gwala isibalo esilinganako somncamo womntwana ngamunye.



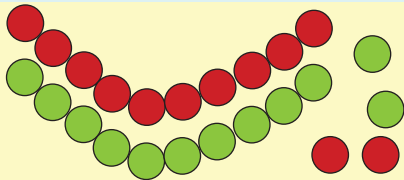




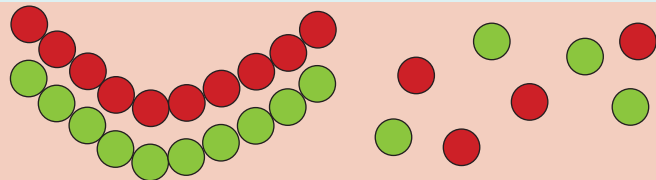




Yaba umncamo hlangana nabentwana. Gwala.















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



Teacher:

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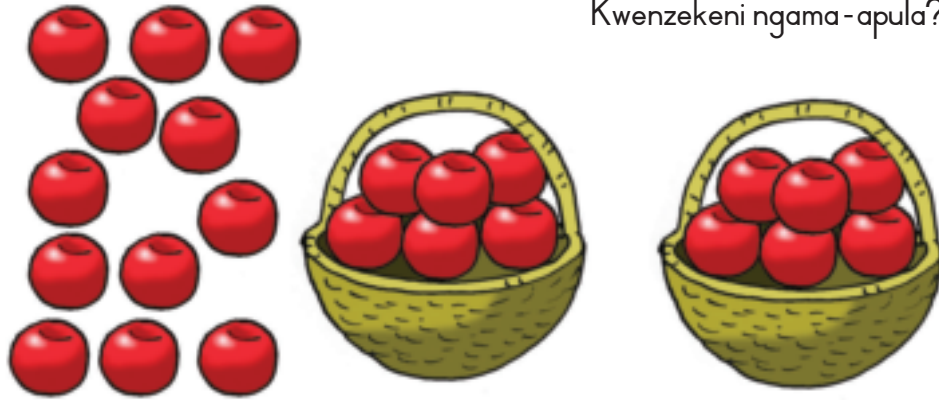
Date:



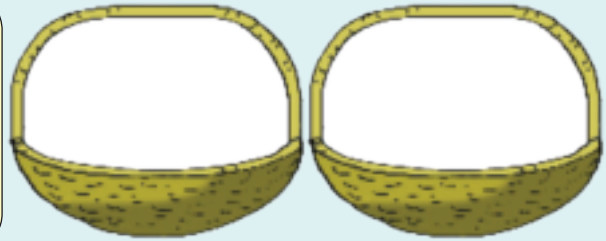
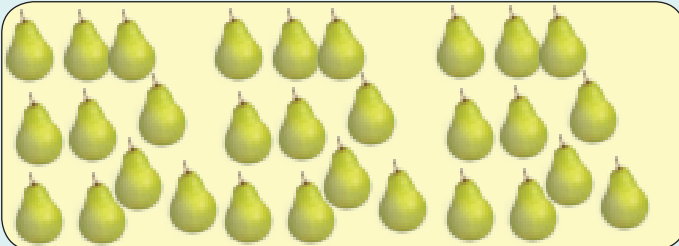
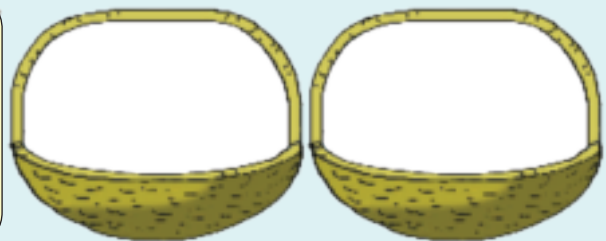
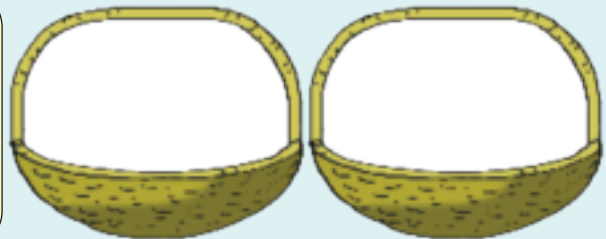
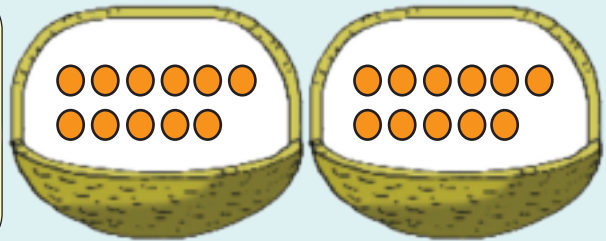
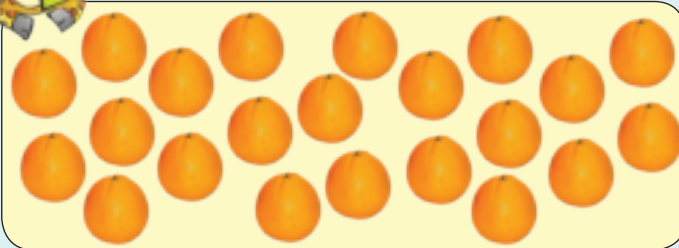
Ilanga:   
.....

Amahafu: 1 – 20

Kwenzekeni ngama-apula?

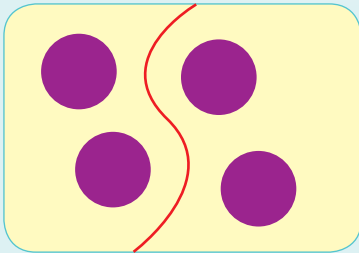


Yaba iinthelo ezingesinceleni uzabele ngemantjini engesidleni. Zigwale.

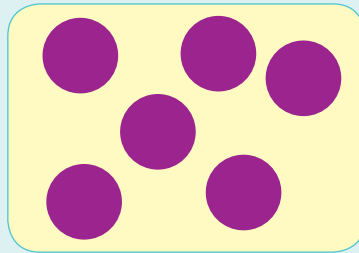




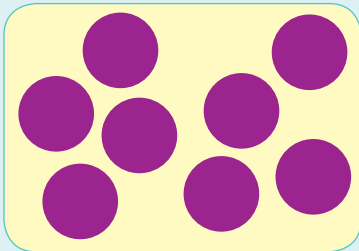
Thala umuda ukutjengisa ihafu.



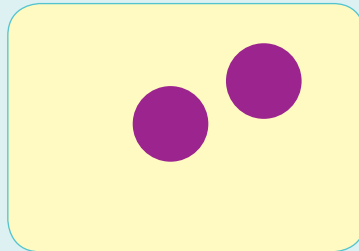
Ihafu yaku-4



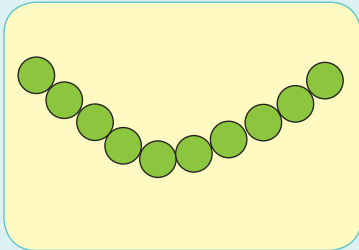
Ihafu yesi-6



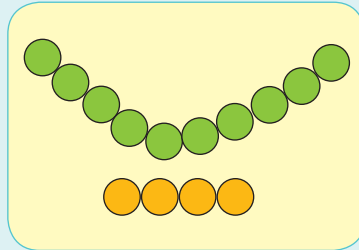
Ihafu yobu-8



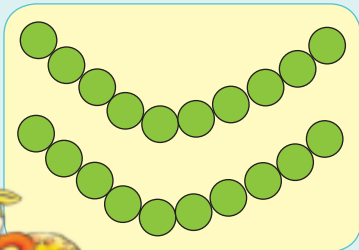
Ihafu yaku-2



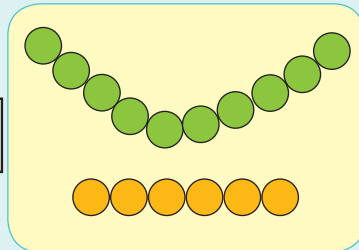
Ihafu ye-10



Ihafu ye-14



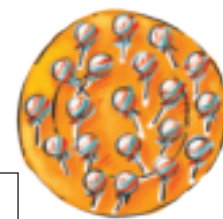
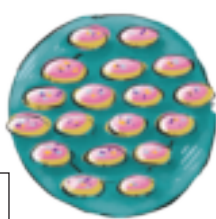
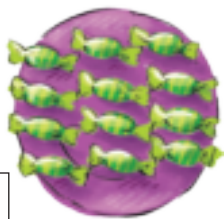
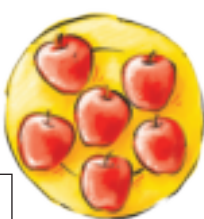
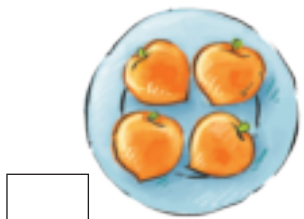
Ihafu yama-20



Ihafu ye-16



Iyini ihafu yepleyidi ngalinye lokudla?



Teacher:

Sign:

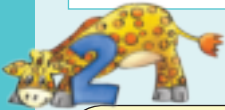
Date:



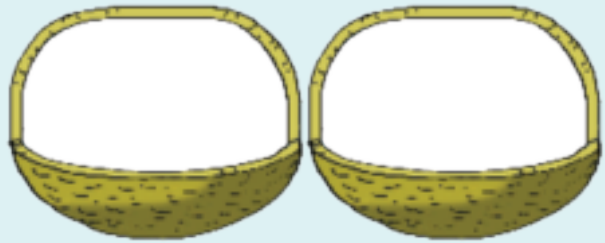
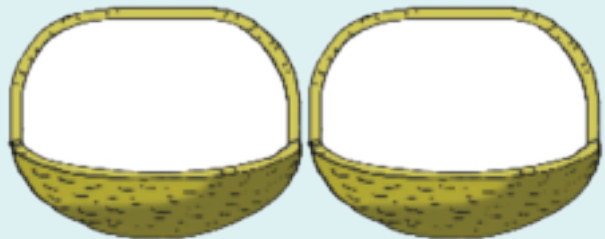
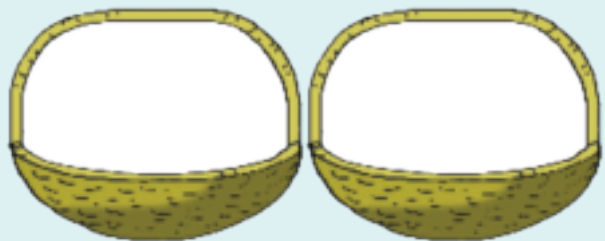
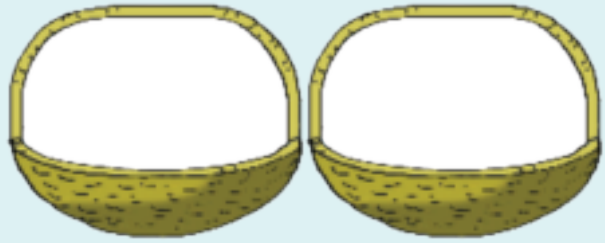
Ilanga:

Ukwabelana 20 – 50

Kwenzekeni ngomncamo?



Yaba umncamo ongesinceleni uwabele ngemantjini engesidleni. Ugwale.



Yenza ihafu yinye yombala ohlukileko.

Ihafu yama-20

Ihafu yama-22

Ihafu yama-28

Ihafu yama-26

Ihafu yama-40

Ihafu yama-44

Ihafu yama-46

Ihafu yama-50



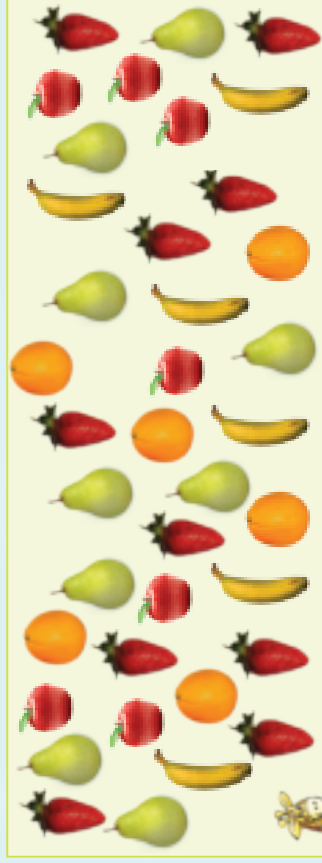
Faka ihafu yedayagramu ngayinye umbala.


Teacher:  
Sign:  
Date:



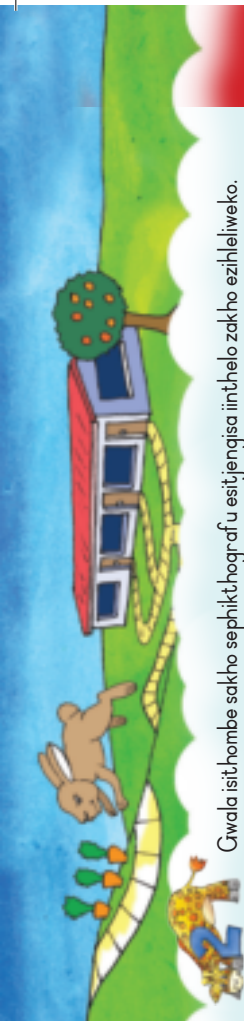
Ilanga: .....

Idatha



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

Ngokuhlela ngikwazile ukubeka iint'helo ezifanako ndawonye.



Cwala isithombe sakho sephikthografu esitjengisa iint'helo zakho ezihleliweko.


Qala isithelo ngasinye bese uphendula imibuzo.

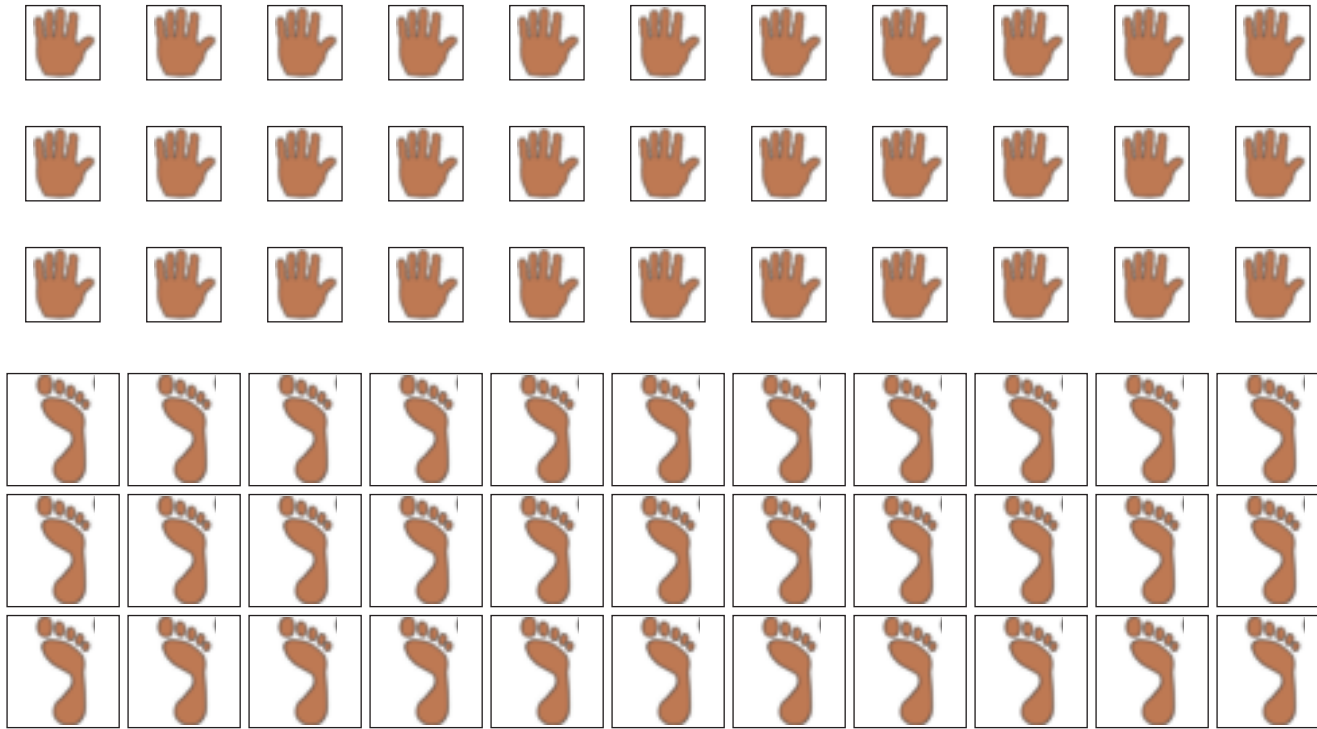

Ngisiphi isithelo esinaso ngobunengi?

Ngisiphi isithelo esinaso esingasisinengi?

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

# Usika-I

Iphapha lokusebenzela-10 nama-40



Iphapha lokusebenzela-13

ekuseni

entambama

ngemvakwamadina

ebusuku

phakathi  
kobusuku

ekuseni  
nangemva  
kwa-modina



# Usika-2

## Iphhepha lokusebenzela-22

### Umlando nezehlakalo eziqakathekileko

Ilanga  
lamalungelo

Ilanga  
lokubuyisana

Ilanga  
labasebenzi

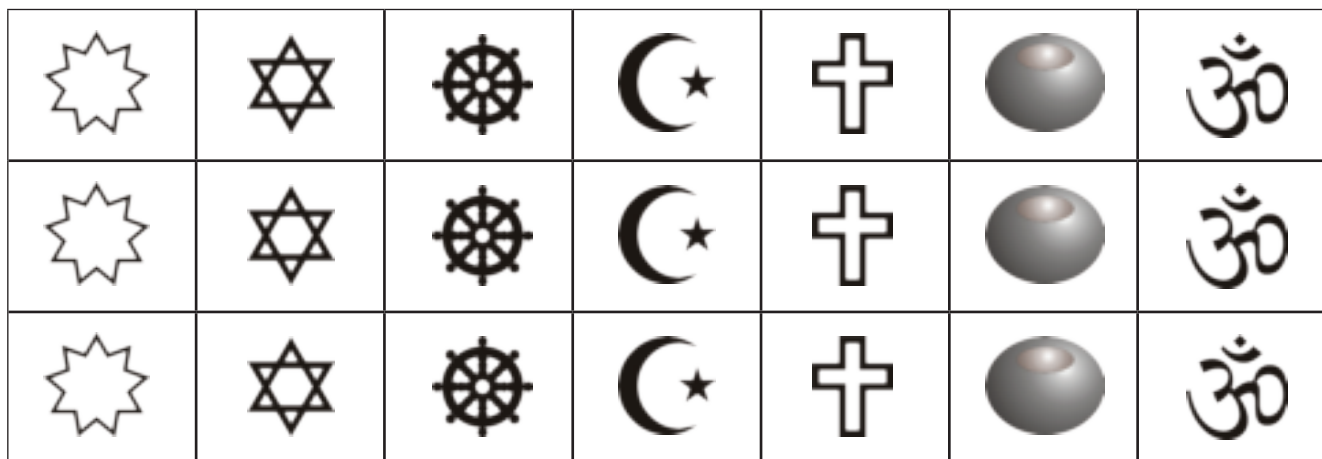
Ilanga  
labatjha

Ilanga lamasiko

Ilanga  
labantu bengubo

Ilanga  
lekululeka

### Amatshawayo wekolo



yamaBahaji

Ikolo yamaJuda

Ikolo yamaBuddhist

Ikolo yama-Islamu

Ikolo yamaKristu

Ikolo yeSintu

Ikolo yamaHindu



# Cut-out 3

Worksheets 25 and 26

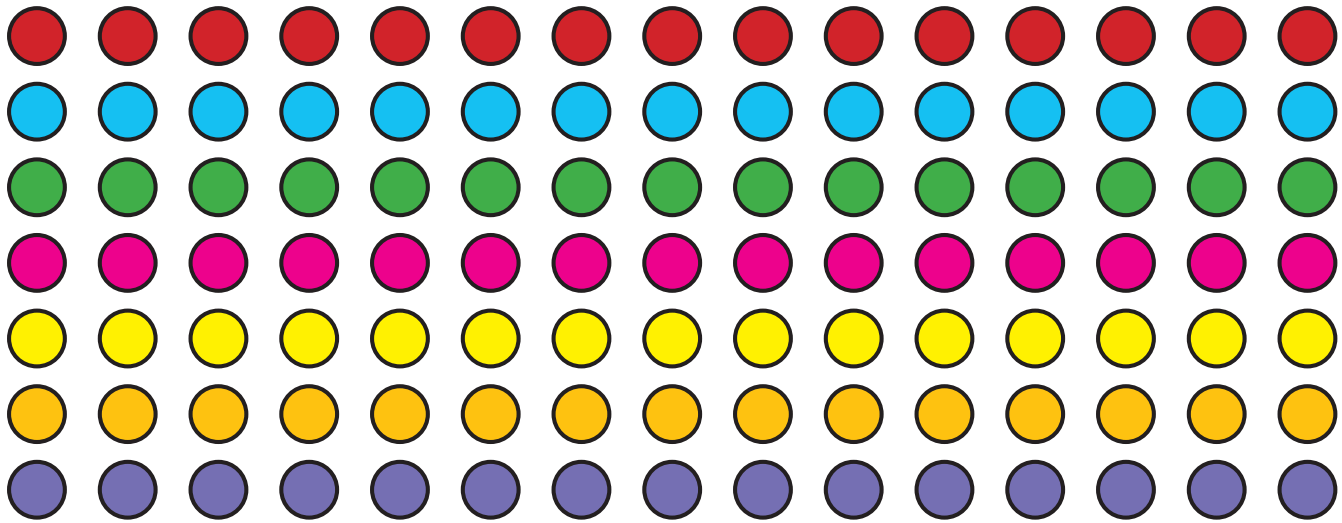


R50	R50	R50	R50	R50
R10	R10	R10	R10	R10
R20	R20	R20	R20	R20
R100	R100	R100	R100	R100
R50	R50	R50	R50	R50
R10	R10	R10	R10	R10
R20	R20	R20	R20	R20
R100	R100	R100	R100	R100

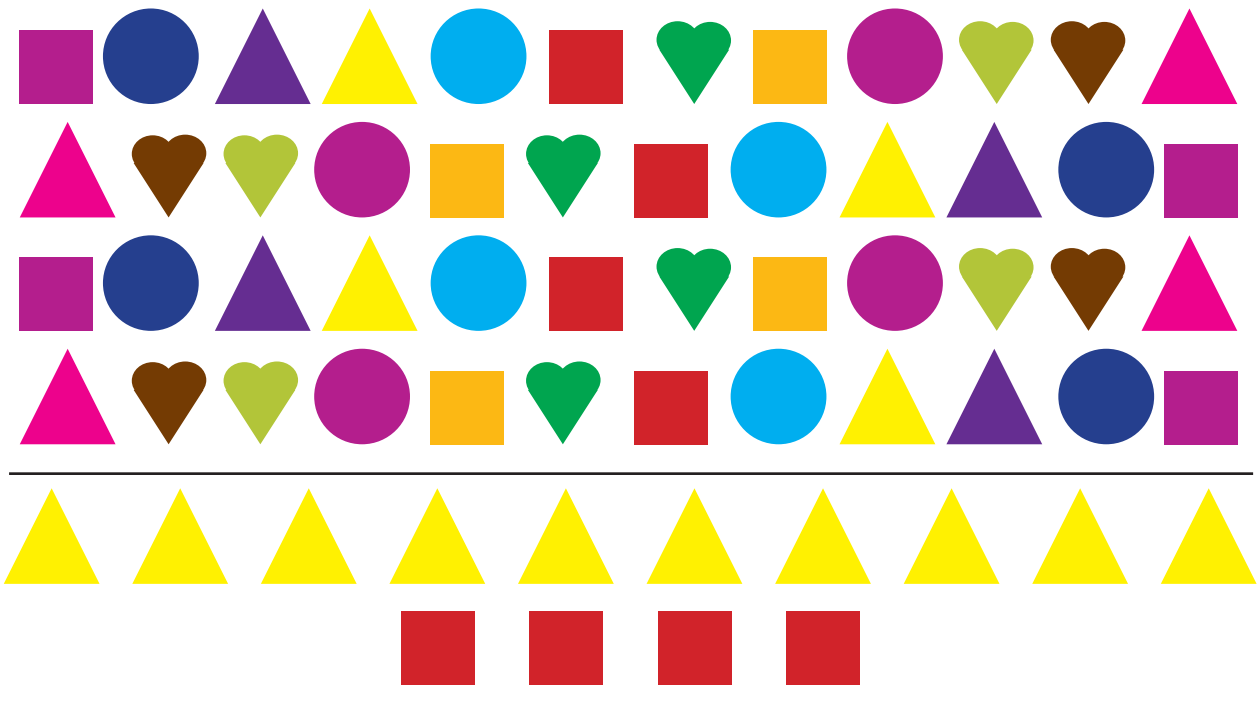


# Cut-out 4

## Worksheet 27



## Worksheet 60



## Worksheet 61

