

Ukufunda ngoMthethosisekelo weRiphabliki yeSewula (1996)

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

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

Kuqakathekile ukwazi izehlakalo zesikhathini esidlulileko.

Asingabuyeleli iimphoso zangesikhathi esidlulileko.

UMthethosisekelo usisiza ukucabanga nokwakha ilingomuso elingcono lethu soke.

Thina, abantu beSewula Afrika;

Siyakwazi ukungaphatheki kuhle kwethu ngokomthetho esikhathini esadlulako;

Siphathela phezulu abahlukunyezwa ngebanga lokobana kube nobungiswa begodu nekululeko enarheni yekhethu;

Sihlonipha labo abasebenze ekwakheni begodu nekuthuthukiseni iphasi lekhetu;

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

Ngalokho-ke, ngabajameli bethu abakhethwe ngokukhululekileko; 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 lapha umbuso uninze khona phezu kwentando yesitjhaba begodu nalapha zoke izakhamuzi zivikelele khona ngokomthetho.

Ukwenza ngcono izinga lepilo yazo zoke izakhamuzi begodu nokuvezwa kwekghono lawo woke umuntu;

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

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

Ukwazi umThethomlingwa wamalungelo Kanye nomThethomlingwa 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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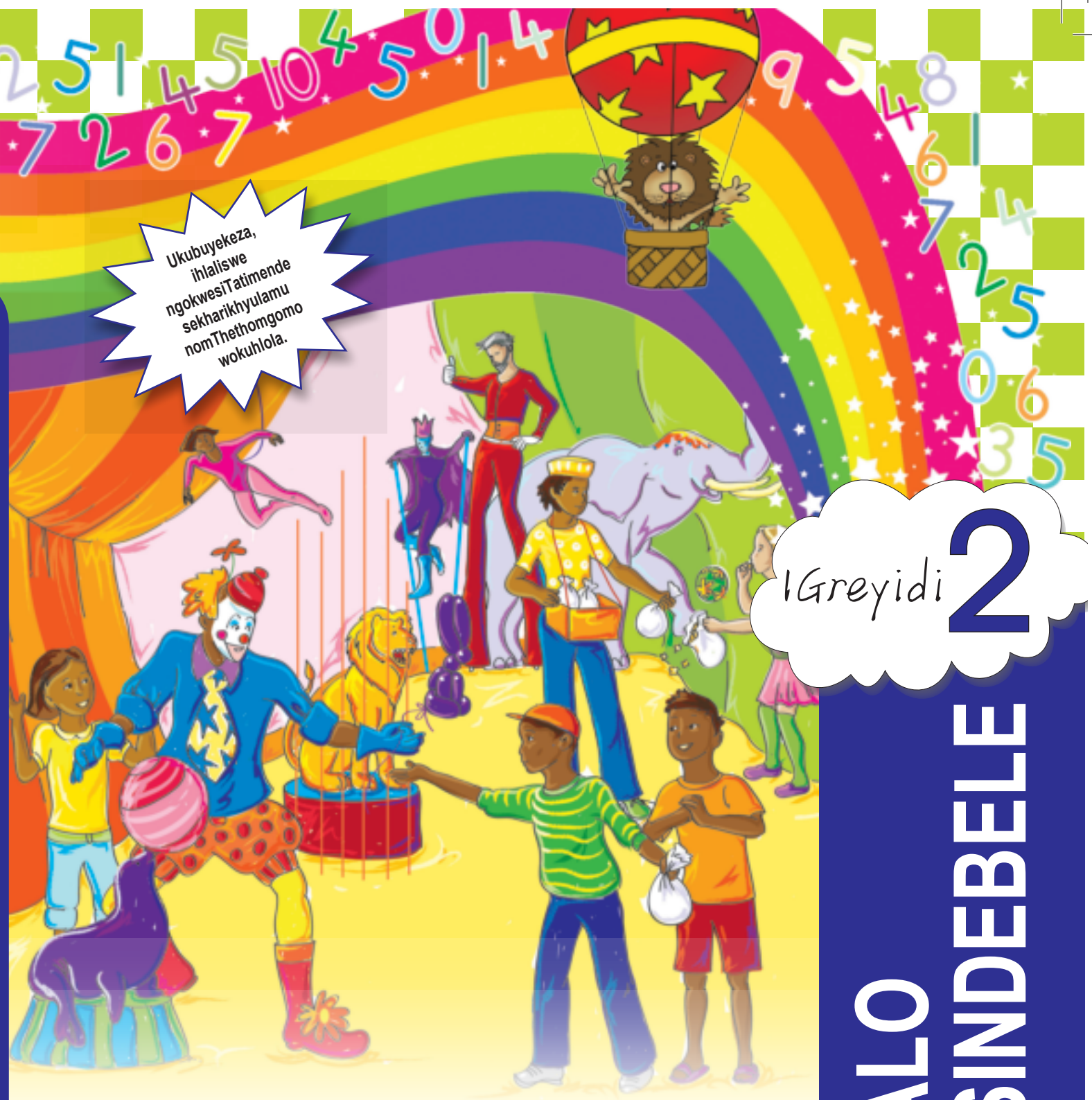
**MATHEMATICS IN ISINDEBELE
GRADE 2 – BOOK 2
TERMS 3 & 4
ISBN 978-1-4315-0140-3**

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14th Edition**



IMBALO NGESINDEBELE – iGreyidi 2 Inwadi 2

ISBN 978-1-4315-0140-3



Ukubuyekeza, ihlaliswe ngokwesiTatimende sekharikhyulamu nomThethomgomo wokuhlola.

iGreyidi **2**

Ibizo: *Itlasi:*



**IMBALO
NGESINDEBELE**

*Inwadi 2
Ithemu
3 & 4*

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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 ziyingcnyene yeendlela ezinengi zomNyango wezeFundo-Sisekelo wokungenelela onqophe ukuthuthukisa ukusebenza ngcono kwabafundi beSewula Afrika kumagreyidi wokuthoma asithandathu. Njengamanye wamaHlelo womBuso aphuma phambili, iphrojekthi le isekelwe ngeemali ezibuya esiKhwameni seeMali seLizweloke. Lokhu kusize umNyango ukukhupha iincwadi zokusebenzela lezi ngawo woke amalimi asemthethweni ngaphandle kweendleko. Siyathemba kobana nizokufunyana iincwadi zokusebenzela lezi zilisizo khulu ekufundiseni kwenu kwangamalanga kanye nokuqinisekisa kobana abafundi benu bayayiqeda ikharikhyulamu.

Sitjheje khudlwana ukuhlahla abotitjhere komunye nomunye umsebenzi ngokusebenzisa iinthombe ezitjengisako bona ngikuphi umfundi amele akwenze.

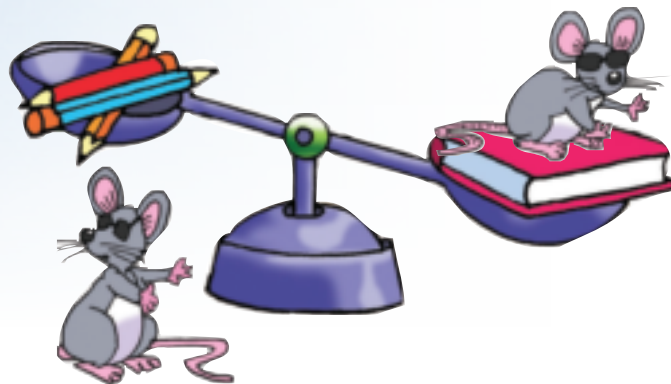
Siyathemba kobana abantwana bazokuthabela ukusebenzisa iincwadi lezi njengombana bakhula bebefunda nje begodu wena titjhere uzokwabelana nabo ithabo lokufunda.

Sinifisela ipumelelo ekusebenziseni iincwadi lezi.

IBanga 2



Incwadi le ngeyaka-:



ISINDEBELE

Incwadi

2

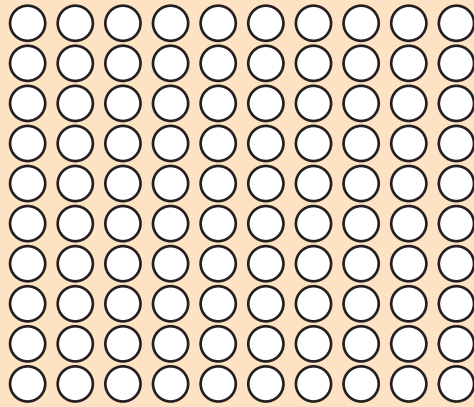
65



Ilanga: _____

Iinomboro 50 – 99

Khalara ngaphakathi kweeyingi ezi-58.




5 0

8

Ithemu 3



Tlola ipendulo. Isibonelo sokuthoma sizokuhlala.

$60 + 8 = 68$ 	$80 + 6 =$	$50 + 3 =$
$70 + 1 =$	$90 + 5 =$	$60 + 9 =$



Tlola iipendulo zemibuzo engehla ngamagama:

amatjhumi asithandathu nobunane



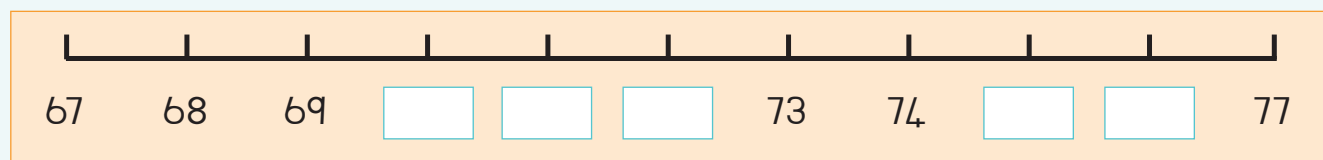
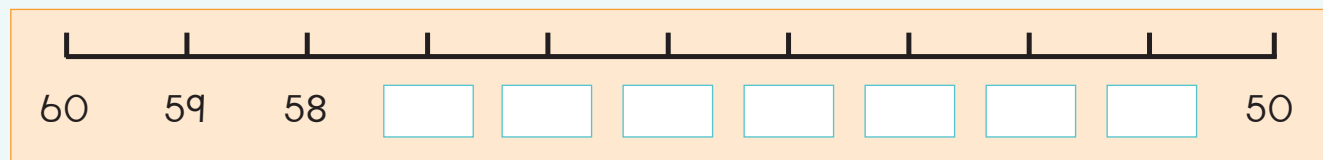
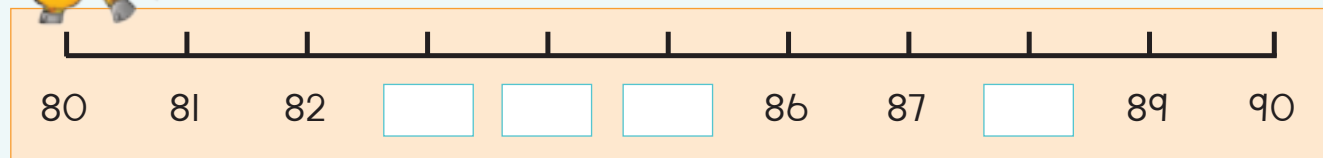


Tlola iinomboro ezimbili ezincani neenomboro ezimbili ezikulu kunaleyo enikelweko.

Ncani kuna-		Inomboro	Khulu kuna-	
		55		
		63		
		88		
		95		
		71		



Qedelela amanambalayini alandelako.



Sika iinomboro ezintathu ezihlangana kwama-50 kanye nama-99 kumamegazini. Zinamathisele lapha.

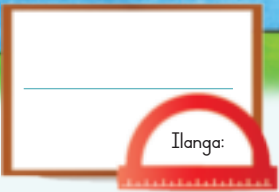


Teacher: _____

Sign: _____

Date: _____

66



Iinomboro 100–150

Khalara ngaphakathi kwesiyingi se-139.

Ithemu 3

○○○○○○○○○○	○○○○○○○○○○	1	0	0
○○○○○○○○○○	○○○○○○○○○○		3	0
○○○○○○○○○○	○○○○○○○○○○			9
○○○○○○○○○○	○○○○○○○○○○			
○○○○○○○○○○	○○○○○○○○○○			
○○○○○○○○○○	○○○○○○○○○○			
○○○○○○○○○○	○○○○○○○○○○			
○○○○○○○○○○	○○○○○○○○○○			
○○○○○○○○○○	○○○○○○○○○○			
○○○○○○○○○○	○○○○○○○○○○			



Tlola inomboro ejamele:

$\begin{array}{r} 100 \\ 20 \\ 8 \\ \hline 128 \end{array}$	$\begin{array}{r} 100 \\ 40 \\ 9 \\ \hline \end{array}$	$\begin{array}{r} 100 \\ 40 \\ 2 \\ \hline \end{array}$
$\begin{array}{r} 100 \\ 50 \\ \hline \end{array}$	$\begin{array}{r} 100 \\ 20 \\ 7 \\ \hline \end{array}$	$\begin{array}{r} 100 \\ 30 \\ 5 \\ \hline \end{array}$



Ngiziphi iinomboro eziza hlangana:

- 103 na-105? _____
- 139 na-141? _____
- 120 na-122? _____
- 150 na-148? _____
- 146 na-148? _____



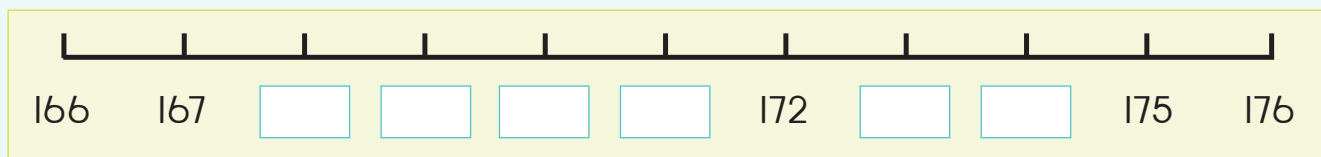
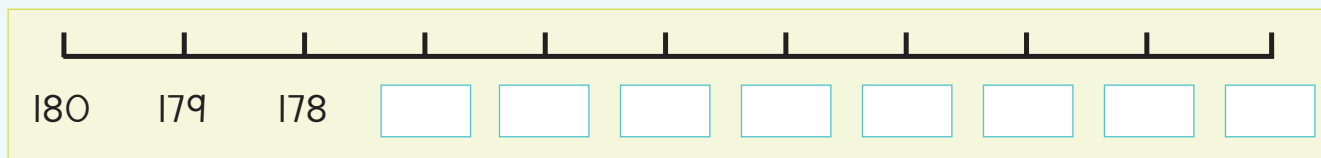
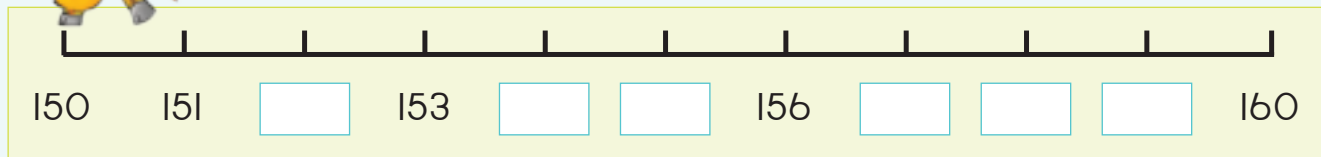


Tlola iinomboro ezimbili ezincani kanye nezimbili ezikulu kunenomboro enikelweko.

Ncani kuna-		Inomboro	Khulu kuna-	
		123		
		145		
		108		
		141		
		134		



Qedelela amanambalayini alandelako.



Sika iinomboro ezintathu ezihlangana kwe-100 kanye ne-150 emagazinini nanyana ephaphandabeni. Nawungazifunyaniko iinomboro lezo, sika amadijidi ukuzakhela iinomboro ezintathu. Zinamathisele lapha ukusuka kencani khulu kuye kekulu khulu.



Teacher: _____

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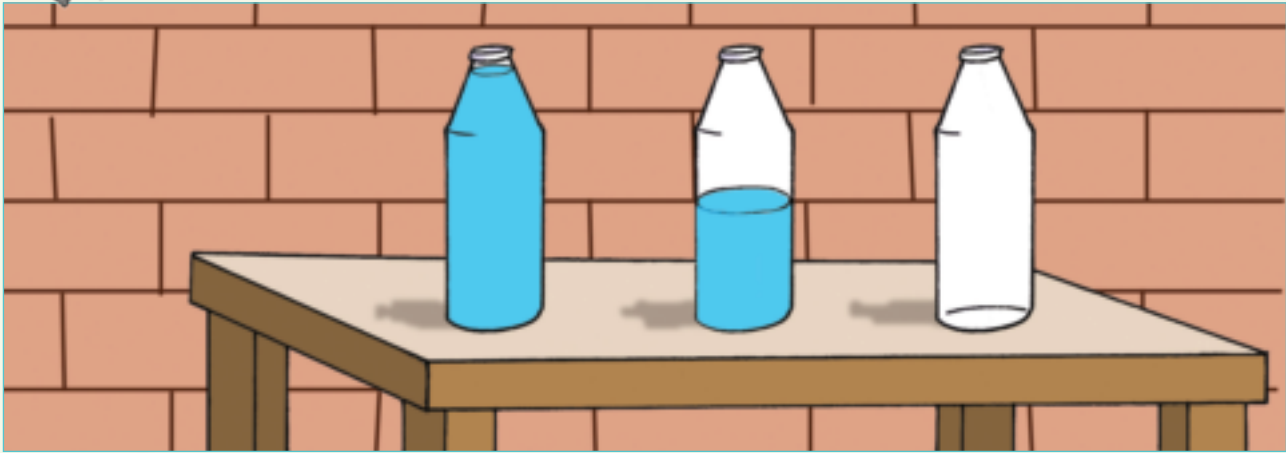
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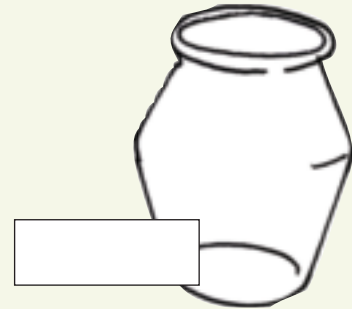
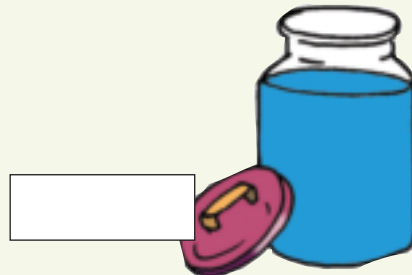
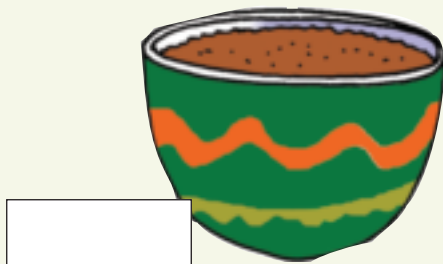
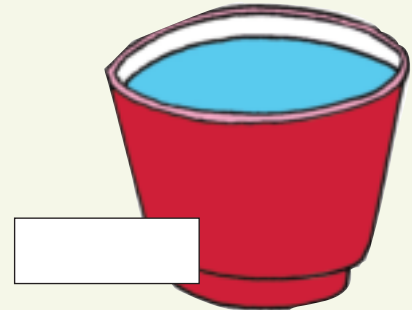
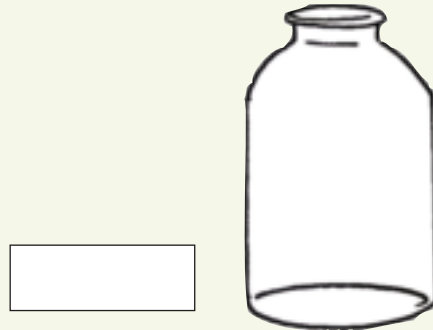
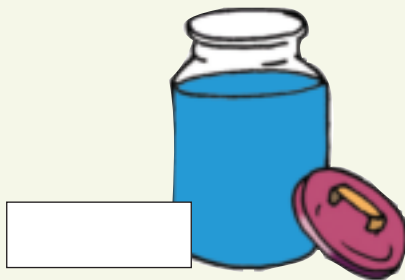
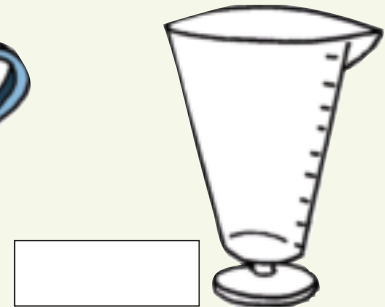
Zeleko, isikhekhe, akunalitho

Ilanga:

Khulumani ngamabhodlelo aphezu kwetafula lakatitjhere.



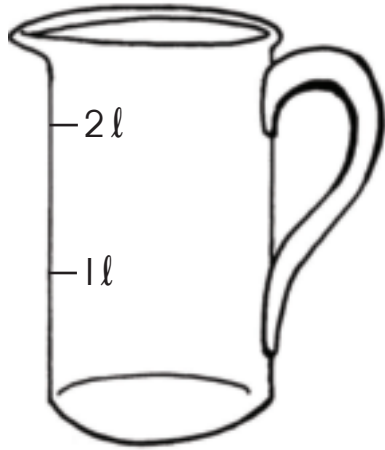
Yitjho nangabe isimumathi sizele, sisikhekhe nanyana asinalitho.



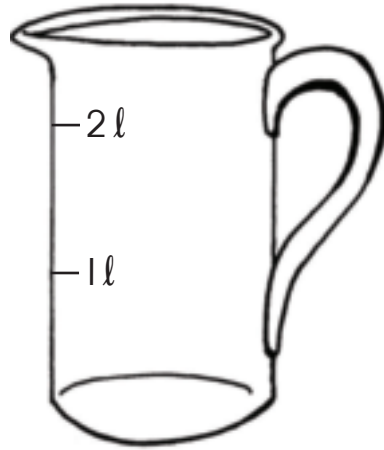


Khalara ukutjengisa kobana kunetlelezi elingangani ngesimumathini.

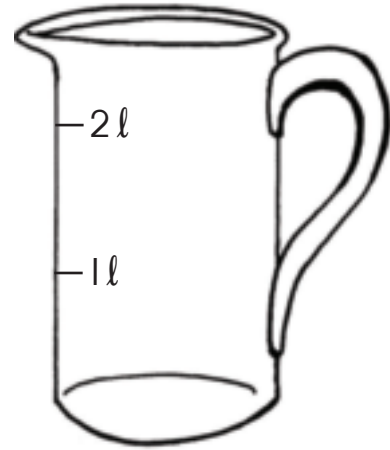
Kuzele



Sikhekhe



Akunalitho



Gwala iimumathi zakho. Gwala iimumathi ezintathu ezifanako. Isimumathi ngasinye singamumatha amalitha ama-4. Kutjengise lokho. Tjengisa.

Kuzele

Sikhekhe

Akunalitho



Ngisiphi isimumathi esimumatha itlelezi elinengi?



Teacher:

Sign:

Date:



Ilanga: _____



Okhunye ngeemumathi nomthamo

Qala iinthombe. Abentwana benzani?



Amakhezo azokuzalisa ijege kufikela kuphi? Khalara.

Ikhezo letiye elilodwa lizalisa ikomiki kufika lapha.



Utlhoga amanye amakhezo amangaki ukuzalisa ikopi lokulinganisa?



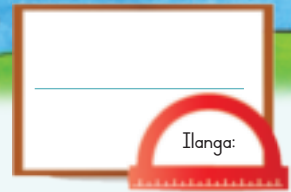
Ugogo usebenzisa amakomitji amabili webisi ukwenza iphudinghi. Nange ugogo abuyabuyelela kabili iredisipi, uzokuthloga ibisi elingangani?

Blank writing area with two horizontal lines.



Clipboard icon with fields for Teacher, Sign, and Date.

69



Inomboro 150 – 170

Khalara ngaphakathi kwesiyingi se-162.

100 + 50 + 2 = 152

100 + 60 + 7 = 167

100 + 70 = 170

100 + 60 + 9 = 169

100 + 50 + 4 = 154

100 + 60 + 1 = 161



Tlola inomboro ejamele:

100 + 50 + 2 = 152

100 + 60 + 7 = 167

100 + 70 = 170

100 + 60 + 9 = 169

100 + 50 + 4 = 154

100 + 60 + 1 = 161



Tlola enye nanye inomboro ehlangana:

150 na-155 _____

158 na-162 _____

170 na-165 _____

163 na-167 _____

172 na-166 _____

Ithemu 3



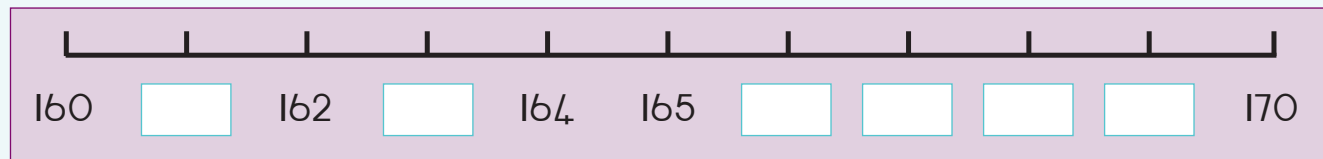
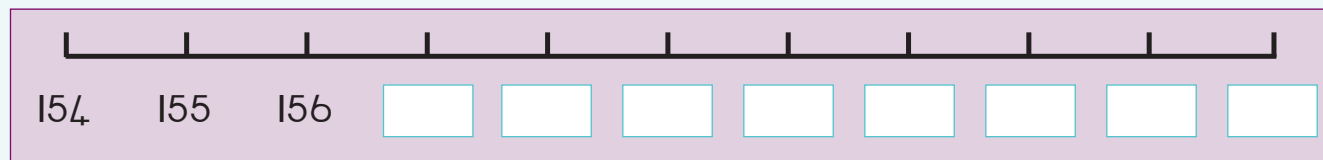
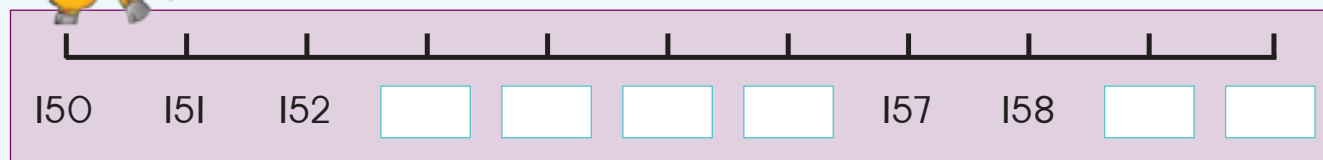


Tlola iinomboro ezimbili ezincani kanye nezimbili ezikulu kunenomboro enikelweko.

Ncane kuna-		Inomboro	Khulu kuna-	
		155		
		168		
		151		
		162		
		160		



Qedelela amanambalayini.



Sika iinomboro ezintathu ezihlangana kwe-150 kanye ne-170 emagazinini nanyana ephaphandabeni. Zinamathisele lapha ukusuka kencane khulu kuye kekulu khulu.



Teacher: _____

Sign: _____

Date: _____

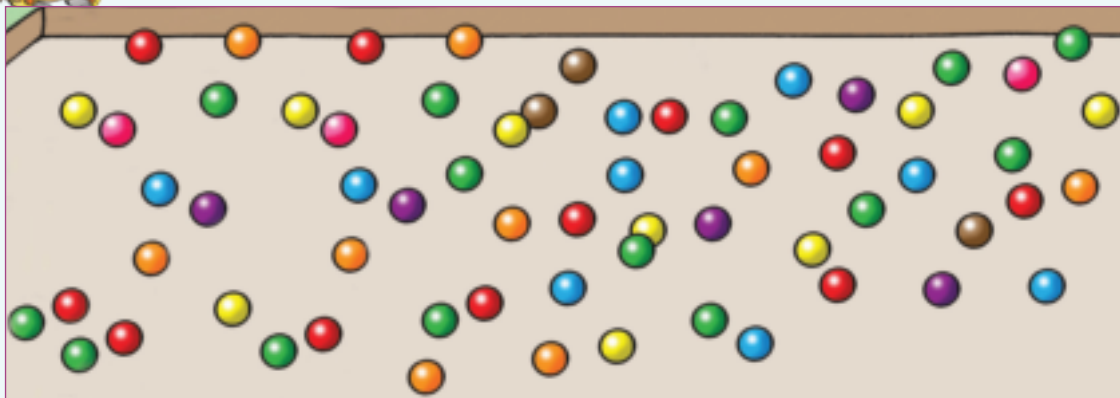
70



Ilanga:

Ukubala nokulinganisa (0 – 100)

Linganisa bese ubala umncamo.



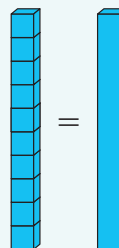
linganisa

balisisa

Ithemu 3



Ngesimumathini kunamabhoksi ali-10. Linganisa bese uyabala.



<p>linganisa <input type="text"/></p> <p>balisisa <input type="text"/></p>	<p>linganisa <input type="text"/></p> <p>balisisa <input type="text"/></p>
<p>linganisa <input type="text"/></p> <p>balisisa <input type="text"/></p>	<p>linganisa <input type="text"/></p> <p>balisisa <input type="text"/></p>
<p>linganisa <input type="text"/></p> <p>balisisa <input type="text"/></p>	<p>linganisa <input type="text"/></p> <p>balisisa <input type="text"/></p>



Ngebhoksini kunamaswidi ama-42. Mangaki amaswidi afihliweko?



Ngebhoksini kunemincamo ema-50. Mingaki imincamo efihliweko.



Ngebhoksini kunamaswidi ama-78. Mangaki amaswidi afihliweko?



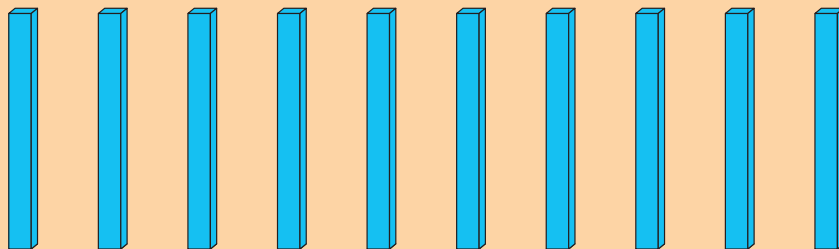
Ngebhoksini kunemincamo eli-100. Mingaki imincamo efihliweko.





Ungakwenza ngokurhaba okungangani lokhu?

Isimumathi ngasinye singena iincwadi ezili-10. Kuneencwadi ezingaki ngaphakathi?





Teacher: _____
Sign: _____
Date: _____

71



Eminy e iminingwana

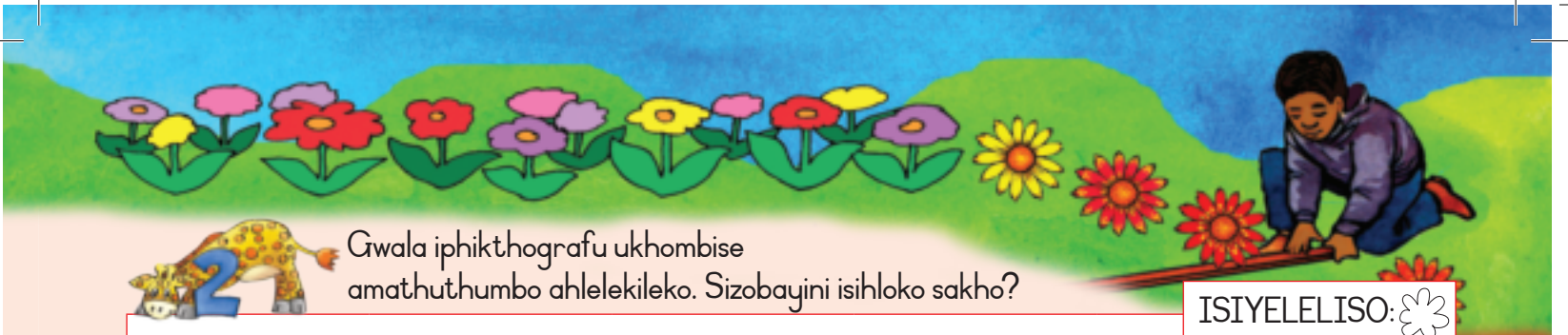
Ilanga:

Ithemu 3








Hlela amathuthumbo. Gwala umgwalo wakho. Tlola inani ngaphakathi.





Gwala iphikthografu ukhombise amathuthumbo ahlelekileko. Sizobayini isihloko sakho?

ISIYELELISO: 



Phendula imibuzo elandelako:

Kunamathuthumbo amangaki aphephuli lapha?

Kunamathuthumbo amangaki abovu lapha?

Kunamathuthumbo amangaki ahlaza kotjani lapho?

Kunamathuthumbo amangaki apinki lapha?

Kunamathuthumbo amangaki asarulana lapha?

Ngiliphi ithuthumbo elinombala ovamileko?

Ngiliphi ithuthumbo elinombala ongakavami?

Ngiwuphi umbala wethuthumbo owuthandako wena?



Teacher: _____

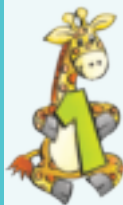
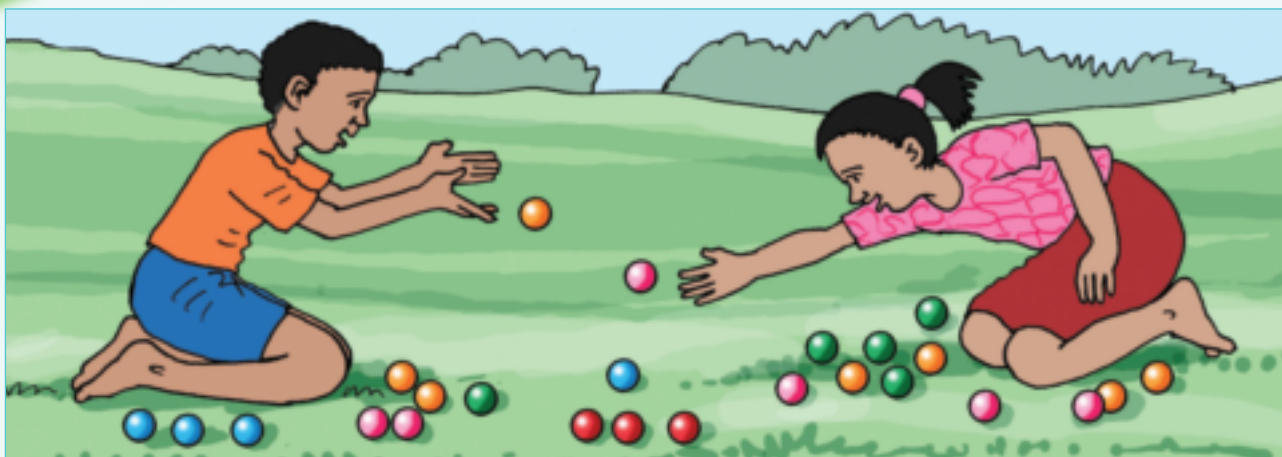
Sign: _____

Date: _____



Ukuhlanganisa 0 – 50

Ilanga:



Qala esithombeni bese uhlanganisa amabula.

abomvu	+	ahlaza kwesibhakabhaka	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
ahlaza satjani	+	ahlaza kwesibhakabhaka	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
apinki	+	ahlaza kwesibhakabhaka	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
ahlaza satjani	+	a-orontji	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
abomvu	+	ahlaza satjani	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>



Madanisa amakarada neembalo ezinembako. Thala umuda osuka esibalweni uye emakaradeni anembako.

<div style="background-color: red; color: white; padding: 5px; text-align: center; font-weight: bold;">2</div> <div style="background-color: blue; color: white; padding: 5px; text-align: center; font-weight: bold;">10</div>	<div style="background-color: red; color: white; padding: 5px; text-align: center; font-weight: bold;">5</div> <div style="background-color: blue; color: white; padding: 5px; text-align: center; font-weight: bold;">20</div>	<div style="background-color: red; color: white; padding: 5px; text-align: center; font-weight: bold;">3</div> <div style="background-color: blue; color: white; padding: 5px; text-align: center; font-weight: bold;">30</div>	<div style="background-color: red; color: white; padding: 5px; text-align: center; font-weight: bold;">7</div> <div style="background-color: blue; color: white; padding: 5px; text-align: center; font-weight: bold;">40</div>
$7 + 40 = 47$	$10 + 2 = 12$	$20 + 5 = 25$	$3 + 30 = 33$



Hlanganisa.

$10 + 3 = \square$	$30 + 2 = \square$
$20 + 5 = \square$	$30 + 7 = \square$
$40 + 1 = \square$	$20 + 6 = \square$
$10 + 4 = \square$	$40 + 8 = \square$
$30 + 9 = \square$	



Hlanganisa.

16 + 13

$\begin{array}{r} 6 \\ 10 \end{array} + \begin{array}{r} 3 \\ 10 \end{array} = \begin{array}{r} 9 \\ 20 \end{array}$
$16 + 13 = 29$

24 + 12

$\begin{array}{r} 4 \\ 20 \end{array} + \begin{array}{r} 2 \\ 10 \end{array} = \begin{array}{r} \square \\ \square \end{array}$
$\square + \square = \square$

37 + 11

$\begin{array}{r} 7 \\ 30 \end{array} + \begin{array}{r} 1 \\ 10 \end{array} = \begin{array}{r} \square \\ \square \end{array}$
$\square + \square = \square$

25 + 23

$\begin{array}{r} 5 \\ 20 \end{array} + \begin{array}{r} 3 \\ 20 \end{array} = \begin{array}{r} \square \\ \square \end{array}$
$\square + \square = \square$


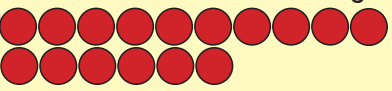
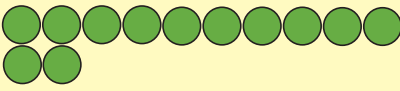

36 + 12

$\begin{array}{r} 6 \\ 30 \end{array} + \begin{array}{r} 2 \\ 10 \end{array} = \begin{array}{r} \square \\ \square \end{array}$
$\square + \square = \square$

28 + 21

$\begin{array}{r} 8 \\ 20 \end{array} + \begin{array}{r} 1 \\ 20 \end{array} = \begin{array}{r} \square \\ \square \end{array}$
$\square + \square = \square$

ULisa uneembalisi ezili-16 kuthi u-Aakar yena abenezili-12.

			
---	---	--	---

Zingaki sezizoke?

Teacher:

Sign:

Date:





Ilanga:

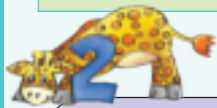
Ukuhlanganisa okungaphezulu

Ithemu 3



Ibhlogo ngalinye linenani elingangani?

$\begin{array}{r} 10 \\ 10 \end{array}$	$\begin{array}{r} 6 \ 20 \\ 2 \ 10 \end{array}$	$\begin{array}{r} 3 \ 20 \\ 5 \ 30 \end{array}$	$\begin{array}{r} 4 \ 40 \\ 4 \ 30 \end{array}$



Hlanganisa.

$12 + 11$

		+					
=		+		+		+	
=		+					
=							

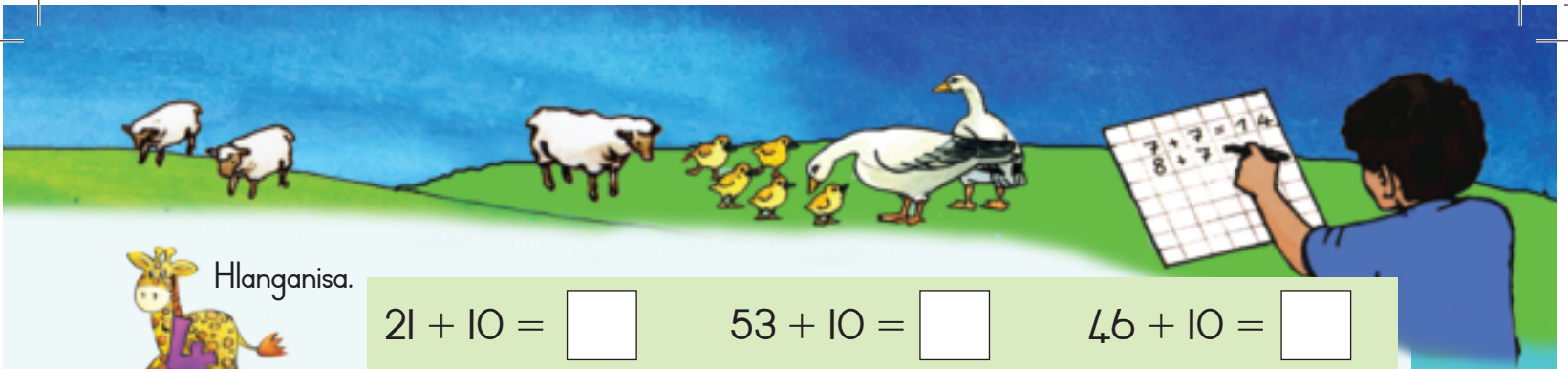
$23 + 41$

		+					
=		+		+		+	
=		+					
=							



Qedelela.

28	+	11	=	2	8	+	10	+	1	=	38	+	1	=	39
34	+	12	=	3	4	+	10	+	2	=		+		=	
43	+	23	=	4	3	+	20	+	3	=		+		=	
45	+	23	=	4	5	+	20	+	3	=		+		=	
56	+	11	=	5	6	+	10	+	1	=		+		=	



Hlanganisa.

$21 + 10 = \square$

$53 + 10 = \square$

$46 + 10 = \square$

$68 + 10 = \square$

$37 + 10 = \square$

$42 + 10 = \square$

$74 + 10 = \square$

$19 + 10 = \square$

$55 + 10 = \square$



Itihini ipendulo nawuhlanganisa ama-47 kanye nesi-6?
Gwala isithombe ukuze utjengise ipendulo yakho.



Zenzele zakho iimbalo usebenzise iinthombe.



Teacher: _____

Sign: _____

Date: _____



Ilanga: _____

Ukuhlanganisa nokukhupha: 0 – 75

Ithemu 3



Madanisa amakarada. Gwala umuda usuke esibalweni uye ependulweni enembako.

$7 + 40 = 47$	$60 + 9 = 69$	$50 + 5 = 55$	$4 + 70 = 74$



Tlola isibalo salokhu okulandelako bese uzaliselela ngependulo enembako.

		<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"/>



Hlanganisa.

$60 + 4 = \square$	$30 + 2 = \square$
$40 + 9 = \square$	$50 + 4 = \square$
$20 + 8 = \square$	$10 + 7 = \square$
$70 + 5 = \square$	$70 + 8 = \square$
$50 + 6 = \square$	



Hlanganisa.

$56 + 15$

$56 + 15 = 71$

$34 + 17$

$\square + \square = \square$

$48 + 13$

$\square + \square = \square$

$63 - 41$

$\square - \square = \square$

$75 - 51$

$\square - \square = \square$

$72 - 49$

$\square - \square = \square$



Gwala isithombe utjengise kobana uMbali unamabhlogo ama-52, uZander una-36.



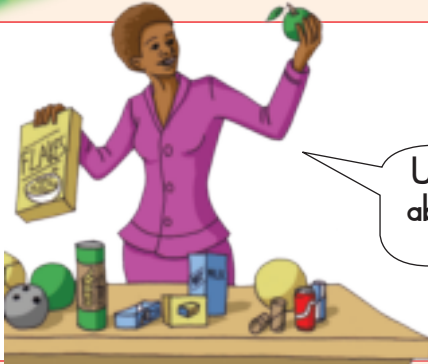
Lithini inani lamabhlogo nasele awoke? _____



Teacher: _____
Sign: _____
Date: _____

Iimbholo, amabhoksi kanye namasilinda

Ilanga:



Usakhumbula kobana abizwani amabumbeko alandelako?

Amagama la angakusiza:

amabhoksi

iimbholo

amasilinda

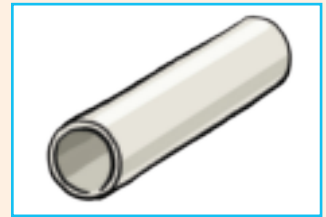


Thola iimbholo, amabhoksi kanye namasilinda bese utlola ibizo ngaphasi kwelinye nelinye ibumbeko.







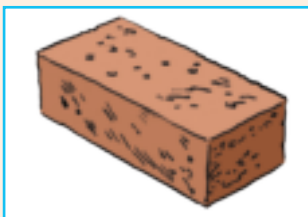






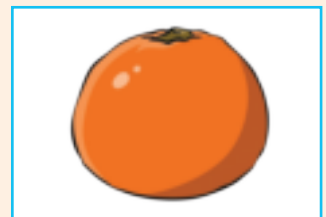






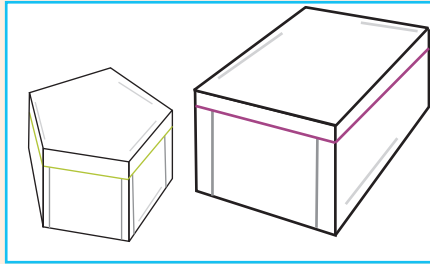




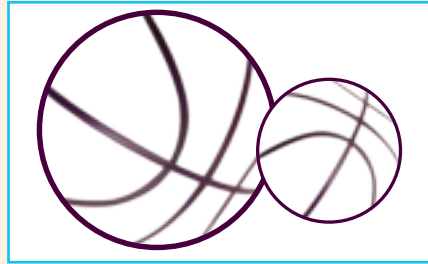




Khalara okuncani ngombala ohlaza kwesibhakabhaka.



amabhoksi



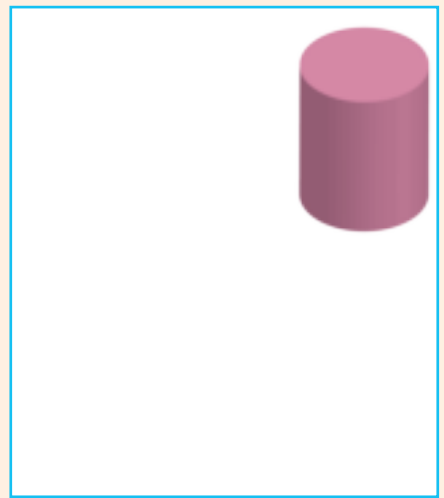
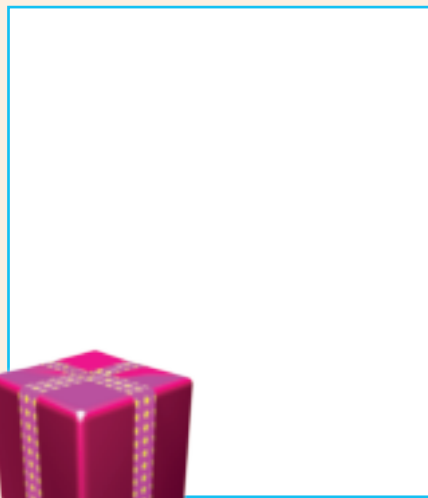
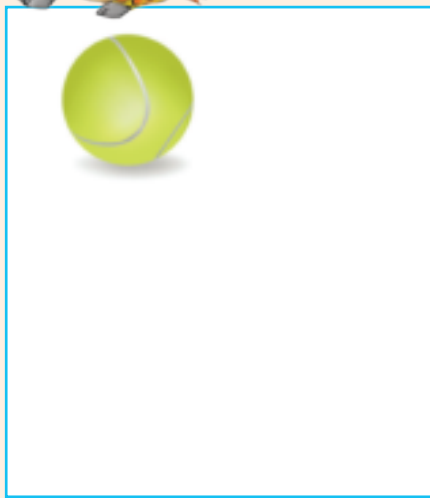
iimbholo



amasilinda



Gwala okukhulu.



Ufuna ukufaka isipho selanga lamabeletho sakamma wakho ngaphakathi kwesimumathi lesi. Kufanele uhlathululele umnikazi wesitolo kobana ufuna ini. Uzokuyihlathulula njani.



Teacher: _____
 Sign: _____
 Date: _____



Iyatjhelela, iyindulunga, yakhiwe ngobujamo obuthathu bamabumbeko angu-D

Ilanga:

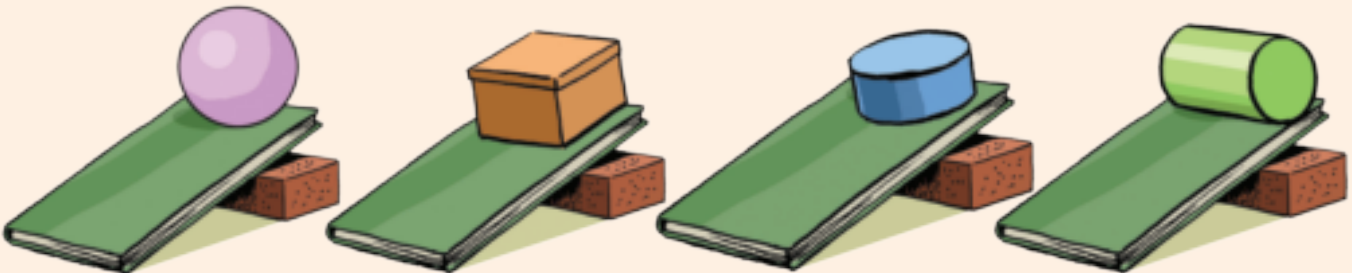


Utijhere wakho uzokwenza umsebenzi lo nawe ukuze ubone kobana lokhu okulandelako kuyanzinza na:

- Ibhoksi ngaphezulu kwelinye ibhoksi.
- Ibhola ngaphezulu kwebhoksi.
- Ibhola ngaphezulu kwebhola.
- Amabhoksi amabili ngaphezulu kwebhoksi elilodwa.



Amabhoksi, iimbhola nanyana amasilinda angagedeka nanyana angatjhelela. Utijhere uzokunikela lokhu okulandelako ukuze kubonakale kobana kungagedeka nanyana kungatjhelela na. Ngemva kokwenza umsebenzi lowo, yitjho kobana into ngayinye izokutjhelela nanyana izokugedeka na.

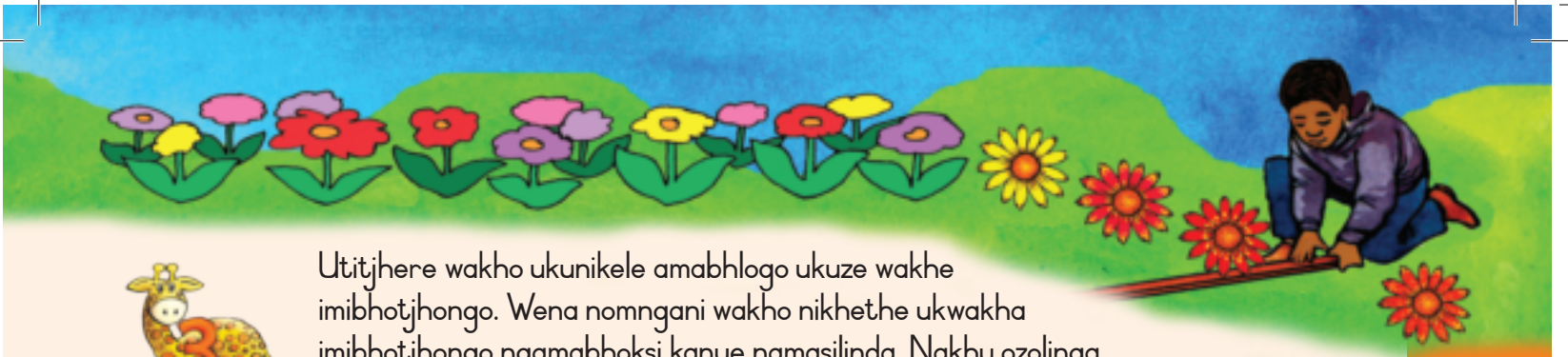




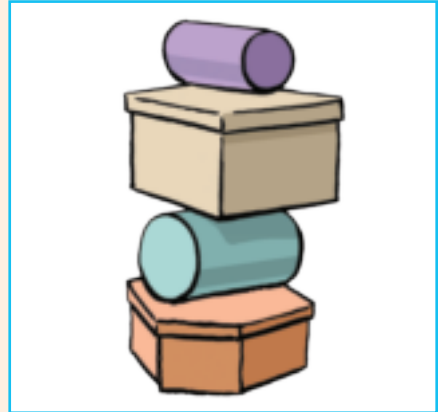
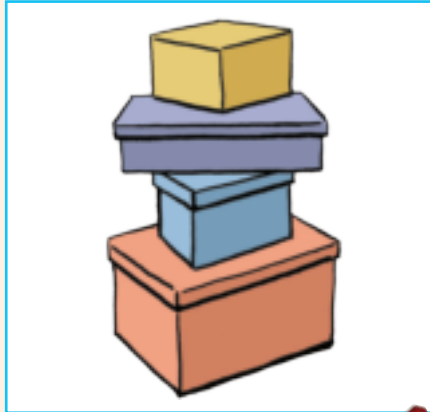
Thola iinthombe ngaphakathi kwemgazini zezinto ezingagedeka nanyana ezingatjhelela.

ezigedekako

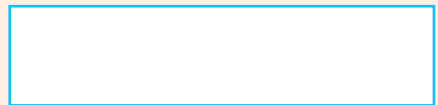
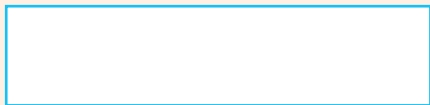
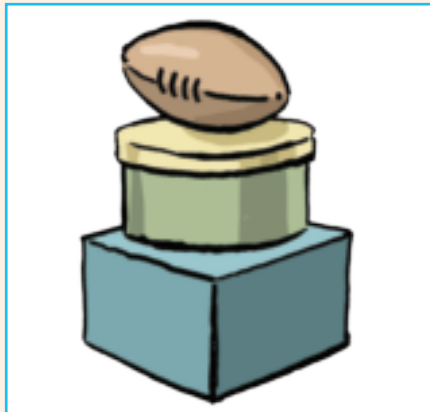
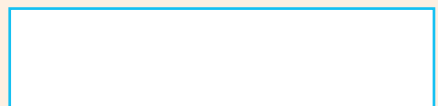
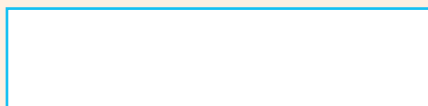
ezitjhelelako



Utijhere wakho ukunikele amabhlogo ukuze wakhe imibhotjhongo. Wena nomngani wakho nikhethe ukwakha imibhotjhongo ngamabhoksi kanye namasilinda. Nakhu ozolinga ukukwakha. Yitjho kobana uyaphumelela nanyana awuphumeleli.



Lokhu kuzokusebenza



Okulandelako mibhotjhongo eyakhiwe ngamabhoksi womlilo.



Utlhoga: Amabhoksi womlilo.

Uzokwenza ini?
Kwanje linga ukwakha umbhotjhongo omude ngamabhoksi womlilo ngaphandle kokusebenzisa isinamat helisi.



Teacher: _____
Sign: _____
Date: _____


Ukuhlanganisa nokukhupha okungezelelweko 0 – 75

Ilanga:

Ithemu 3



Hlanganisa iinomboro ngebhlogweni ngalinye bese utlola ipendulo yakho.

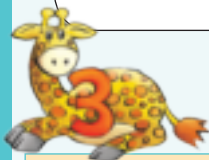
	$\begin{array}{r} 50 \\ 20 \\ 3 \end{array}$	$\begin{array}{r} 50 \\ 70 \\ 2 \end{array}$	$\begin{array}{r} 40 \\ 40 \\ 3 \end{array}$	$\begin{array}{r} 30 \\ 80 \\ 1 \end{array}$
---	--	--	--	--



Hlanganisa usebenzise indlela yakho.

$$52 + 21$$

$$43 + 28$$



Qedelela.

28	+	31	=	28	+	30	+	1	=	58	+	1	=	59
45	+	32	=	45	+	30	+	2	=		+		=	
52	+	14	+	52	+	10	+	4	=		+		=	



Hlanganisa.

$$41 + 10 = \square$$

$$44 + 10 = \square$$

$$71 + 10 = \square$$



Nawuhlanganisa ama-36 kanye nama-24 ipendulo _____
Gwala isithombe utjengise ipendulo yakho.

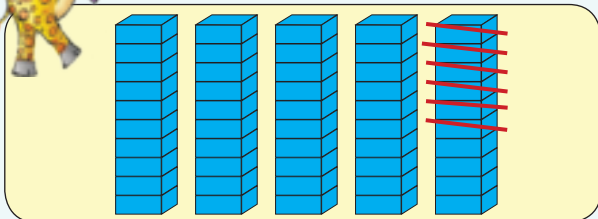


Khupha iinomboro ezingaphasi kezingaphezulu.

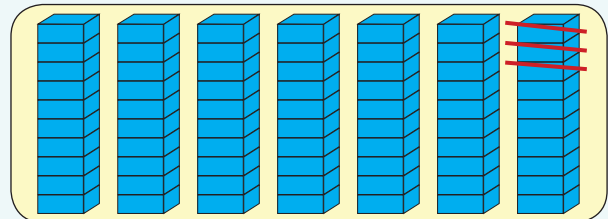
5	70	2	60	7	50	9	30
3	40	1	20	6	10	5	10



Tlola inani lokulandelako.



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



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



Khupha:

$$65 - 23$$

$$72 - 29$$



Khupha:

$$61 - 10 = \square$$

$$42 - 10 = \square$$

$$37 - 10 = \square$$



Yenza umgwalo: UPalesa gade anamabula ama-62 walahlekelwa ngama-21.



Kusele amabula amangaki? _____

Teacher:

Sign:

Date:



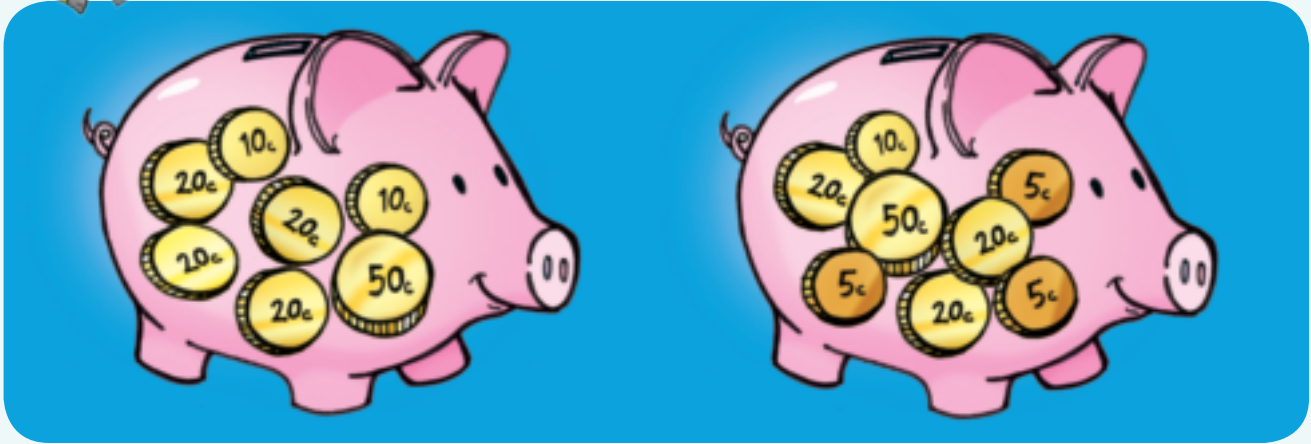
Ilanga:

Imali



Kunani ngaphakathi kwebhanga lengulutjana?

Ithemu 3

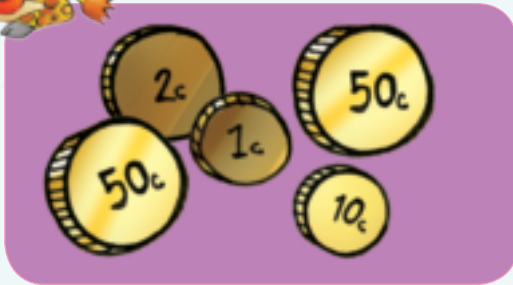


Sebenzisa imali emumuwa kibosika besi-3 bese unamathisela inani elinembako lemali lapha.



Zingaki iinsende?















Iimbalo zamagama:

Ngine-100c. Ubaba unginikela amanye ama-50c.
Senginalini?
Gwala isithombe ukuze utjengise ipendulo yakho.

Ngine-170c. Ngithenga iswidi elibiza ama-100c.
Ngisele namalini?
Gwala isithombe ukuze utjengise ipendulo yakho.



Teacher: _____
Sign: _____
Date: _____



Ilanga: _____

Imali emaphepha



Yimalini engepheseni yami?

Ithemu 3

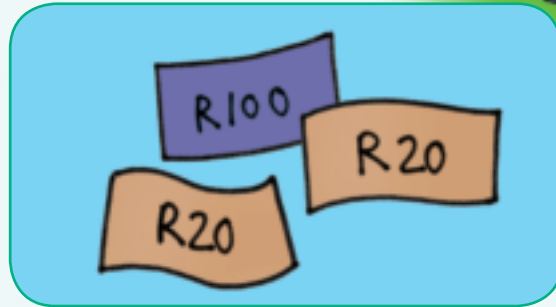


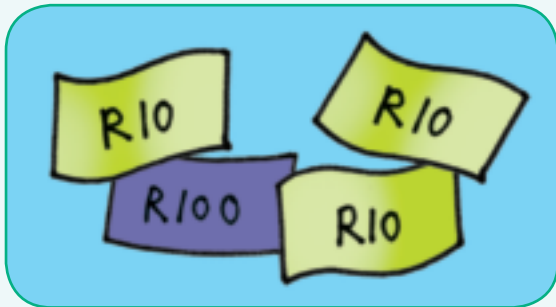
Sebenzisa imali yamaphepha kibosika besi-3 bese unamathisela inani elinembako lemali lapha.

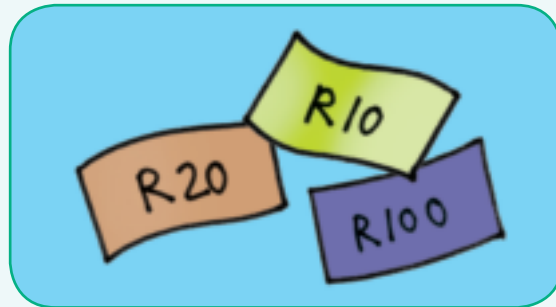


Mangaki amaRanda?















Iimbalo ngamagama:

Umnakwethu une-R100. Mina nginama-R50. Udadwethu omncani unama-R20. Sisoke sinamalini?

Ngine-R160. Ngithenga irhembe nga-R50. Ngisele ngamalini?



Teacher: _____
 Sign: _____
 Date: _____

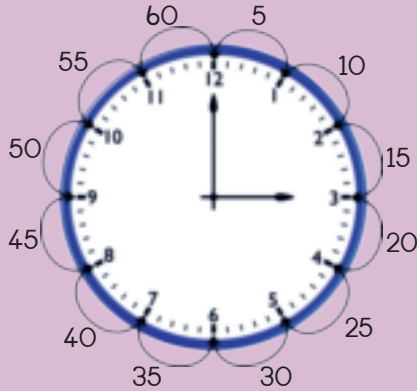
Amaphetheni wesikhathi

Ilanga:

Ithemu 3



Khulumani ngewatjhi.



Iwatjhi isitjengisa isikhathi.

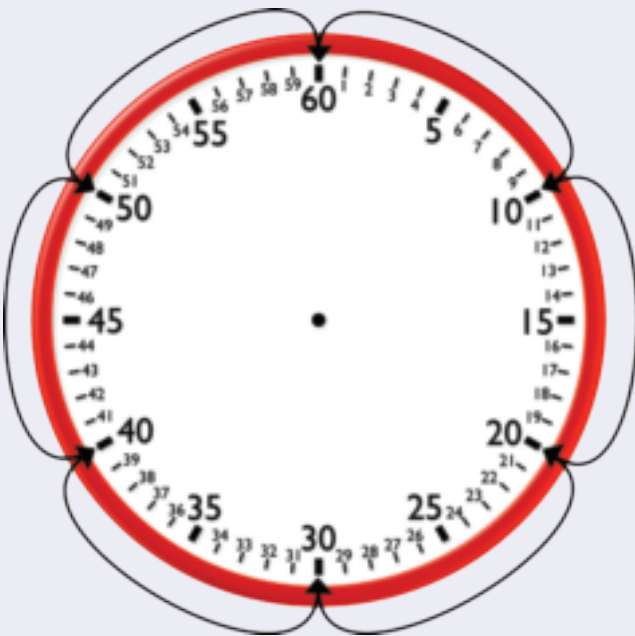
Umkhono omfityhane usitjela ngama-iri.

Umkhono omude usitjela ngemizuzu.

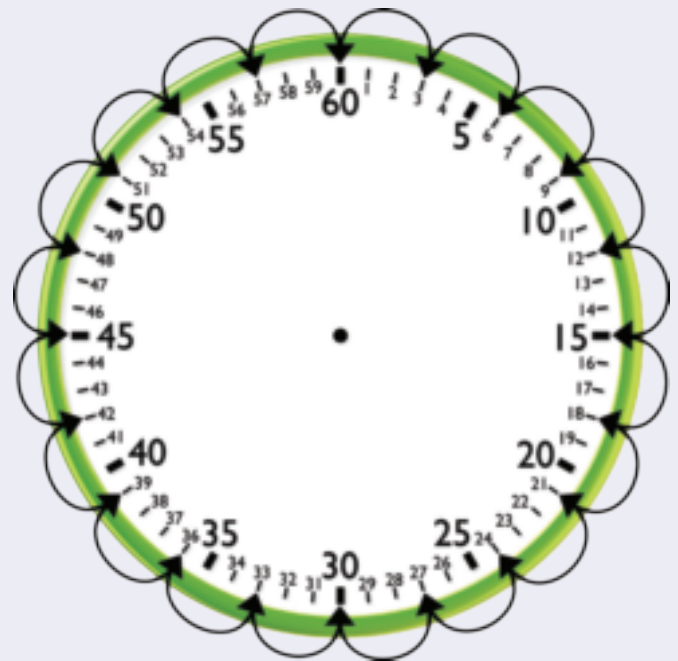
Lapha sibala imizuzu ngakuhlanu.



Yini iphetheni? Njalo qalisisa imikhonto bese utlola phasi iphetheni.



10 _____, _____, _____, _____, _____,



3, _____, _____, _____, _____, _____,
_____, _____, _____, _____, _____,
_____, _____, _____,



Tjengisa iphetheni ngokusebenzisa imikhonto.

Bala ngakuthathu uthome ku-4.



Bala ngaku-2 uthome ku-3.



Bala ngama-10 uthome ku-1.



Bala ngaku-5 uthome ku-2.



Ukhamba sikhathi bani nawuya esikolweni?



Ubuyela sikhathi bani ekhaya?



Isidlo santambama usidla sikhathi bani?

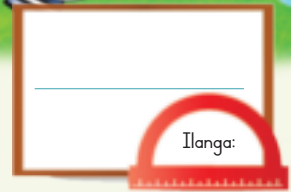


Teacher: _____
 Sign: _____
 Date: _____



Khulumani ngewatjhi.

Ama-iri nemizuzu



Umkhono omfitjhani udlule kancani e-irini lesi-3.

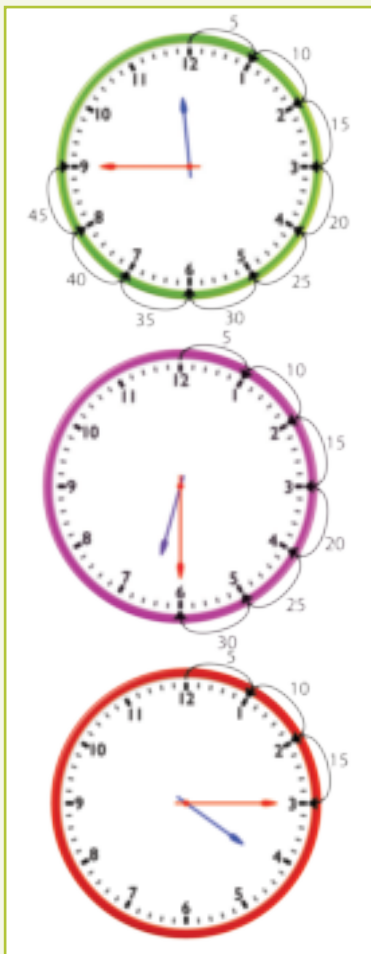
Umkhono omude uphezu kwemizuzu eli-15.

Sitjho kobana mizuzu elitjhumi namihlanu ngemva kwe-iri lesi-3.

Sitjho bona mizuzu emihlanu ngemva kwe-iri lesithathu.



Sikhathi bani?



Umkhono omude usitjengisa _____.

Umkhono omfitjhani usitjengisa _____.

Sithi _____.

Umkhono omude usitjengisa _____.

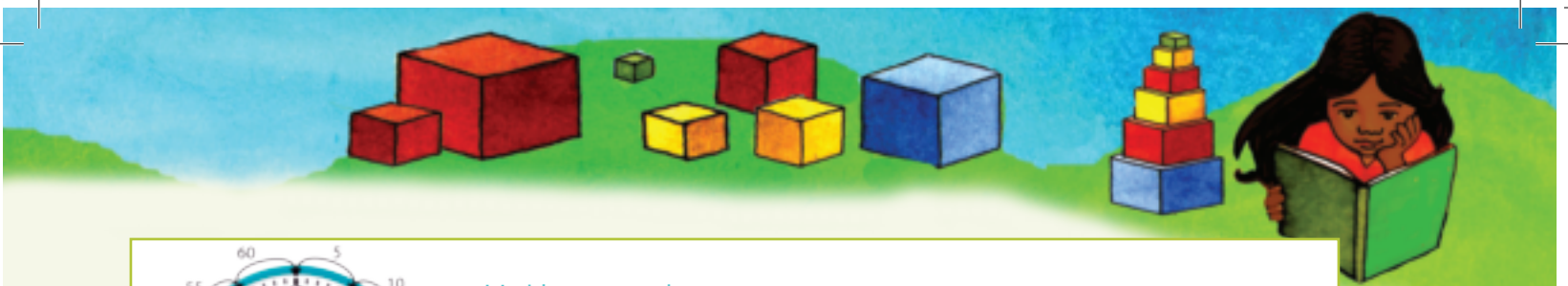
Umkhono omfitjhani usitjengisa _____.

Sithi _____.

Umkhono omude usitjengisa _____.

Umkhono omfitjhani usitjengisa _____.

Sithi _____.



Umkhono omude usitjengisa _____ .

Umkhono omfitjhani usitjengisa _____ .

Sithi _____ .



Gwala umkhono omude nomfitjhani wewatjhi.

Yikotara ngemva kwe-iri lesibili.



Li-iri letjhumi poro ehloko.



Khuyini okwenzako ngesikhathi lesi evekeni? Gwala isithombe.

Yikotara ngemva kwe-iri lobunane ekuseni.

Mizuzu ematjhumi amathathu ngemva kwe-iri lethoba.



Yikotara ngaphambi kwe-iri lesithandathu.



Yikotara ngemva kwe-iri lobunane entambama.



Teacher: _____

Sign: _____

Date: _____



Khulumani ngewatjhi.

Imizuzu nama-iri

Ilanga:



Umkhono omfitjhani useduze ne-iri le-3.

Umkhono omude ujame phezulu emizuzwini ama-35.

Imizuzu ema-25 ngaphambili kokuthi omude ufike e-12. Sithi mizuzu ama-25 ngaphambili kwe-iri le-3.



Sikhathi bani?



Umkhono omfitjhani _____.

Umkhono omude ujame phezu _____.

Mizuzu ema- _____ ngaphambili kokuthi umkhono omude ufike e-12.

Sithi mizuzu ema-ngaphambili kwe-iri le- _____.



Umkhono omfitjhani _____.

Umkhono omude ujame phezu _____.

Maminidi ama _____ ngaphambili kokuthi umkhono omude ufike e-12.

Sithi maminidi a _____ ngaphambili kwe-iri le- _____.



Umkhono omfitjhani _____.

Umkhono omude ujame phezu _____.

Mizuzu ema- _____ ngaphambili kokuthi umkhono omude ufike e-12.

Sithi mizuzu _____ ngaphambili kwe-iri le- _____.



Umkhono omfitjhani _____.

Umkhono omude ujame phezu _____.

Mizuzu emi- _____ ngaphambili kokuthi umkhono omude ufike e-12.

Sithi mizuzu _____ ngaphambili kwe-iri le- _____.



Gwala umkhono omude kanye nomkhono omfitjhani ukutjengisa:

Mizuzu emihlanu ngaphimbili kwe-iri le-8.



Mizuzu ematjhumi amabili ngaphambili kwe-iri lesithathu.



Mizuzu emihlanu ngaphambili kwe-iri lokuthoma.



Imizuzu elitjhumi ngaphambili kwe-iri lesithandathu.



Imizuzu ilitjhumi namithathu ngaphambili kwe-iri lekhomba.



Imizuzu elitjhumi namibili ngaphambili kwe-iri letjhumi nambili.



Teacher: _____
 Sign: _____
 Date: _____



Ukuhlanganisa okubuyelelweko

Ilanga:

Ngineenkhwama ezi-3, isikhwama ngasinye sinamaswidi ama-2.

Ngineenkhwama ezi-3, isikhwama ngasinye sinamaswidi ama-5.

Ngingasitlola njengokuthi
 $2 + 2 + 2 = 6$ nanyana
 $3 \times 2 = 6$

Ngingasitlola njengokuthi
 $5 + 5 + 5 = 15$
nanyana $3 \times 5 = 15$



Qala iinkhwama ezinamaswidi:

- Tlola umutjho ngesinye nesinye isikhwama.
- Tlola isibalo sokuhlanganisa.
- Tlola isibalo sokubuyabuyelela ngesinye nesinye.

Isikhwama ngasinye sinamaswidi ama-2.



Umutjho: Amabuthalelo wanga-4 ama-2

Isibalo sokuhlanganisa: $2 + 2 + 2 + 2 = \underline{\quad}$

Isibalo sokubuyabuyelela: $4 \times 2 = \underline{\quad}$

Esinye nesinye isikhwama esivalweko sinamaswidi ama-2.



Umutjho: _____

Isibalo sokuhlanganisa: _____

Isibalo sokubuyabuyelela: _____

Esinye nesinye isikhwama esivaliweko sinamaswidi ama-5.



Umutjho: _____

Isibalo sokuhlanganisa: _____

Isibalo sokubuyabuyelela: _____

Esinye nesinye isikhwama esivaliweko sinamaswidi ama-2.



Umutjho: _____

Isibalo sokuhlanganisa: _____

Isibalo sokubuyabuyelela: _____



Akhe silinge ngemigodlana enamaswidi amane umgodla ngamunye. Umgodla ngamunye unamaswidi amane. Kunamaswidi amangaki?



Umutjho: Amabuthelalo ali-7 wangaku-4.

Isibalo sokuhlanganisa:

$$4 + 4 + 4 + 4 + 4 + 4 + 4 = 28$$

Isibalo sokubuyabuyelela: $7 \times 4 = 28$



Umutjho: _____

Isibalo sokuhlanganisa: _____

Isibalo sokubuyabuyelela: _____



Umutjho: _____

Isibalo sokuhlanganisa: _____

Isibalo sokubuyabuyelela: _____



Umutjho: _____

Isibalo sokuhlanganisa: _____

Isibalo sokubuyabuyelela: _____



Qedelela itheyibula yokubuyelela.

×	1	2	3	4	5	6	7	8	9	10
2			6							
4					20					
5										50

Nginamabhoksi amahlanu, ibhoksi ngalinye linamamafini amabili. Kunamamafini amangaki nasele awoke?



Nginamabhoksi amane, ibhoksi ngalinye linamakhekhana angemakomitjini amahlanu. Kunamakhekhana angemakomitjini amangaki nasele awoke?



Nginamabhoksi amathathu, ibhoksi ngalinye linamagwinya amane. Kunamagwinya amangaki nasele awoke?



Teacher: _____
Sign: _____
Date: _____



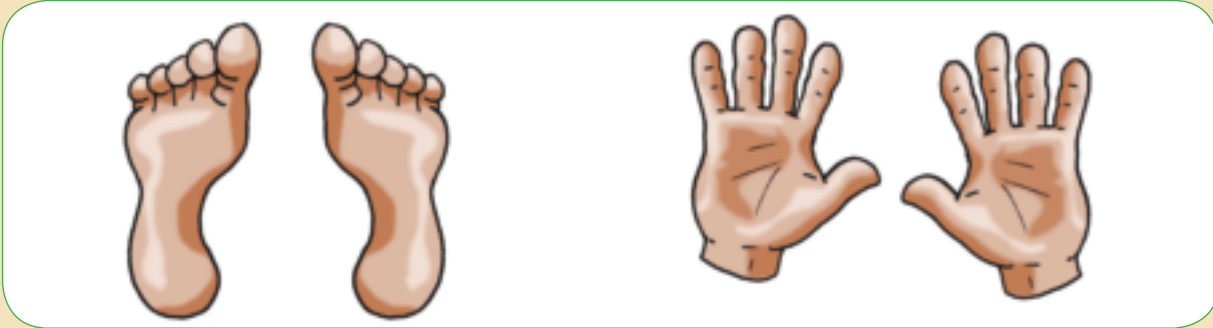
Ilanga:

Buyabuyelela ngaku-5

Ithemu 3

Inyawo elilodwa linamazwani ama-5.

Isandla esisodwa sinemino emi-5.







Mangaki amazwani nasele awoke?



Mingaki imino nasele iyoke?





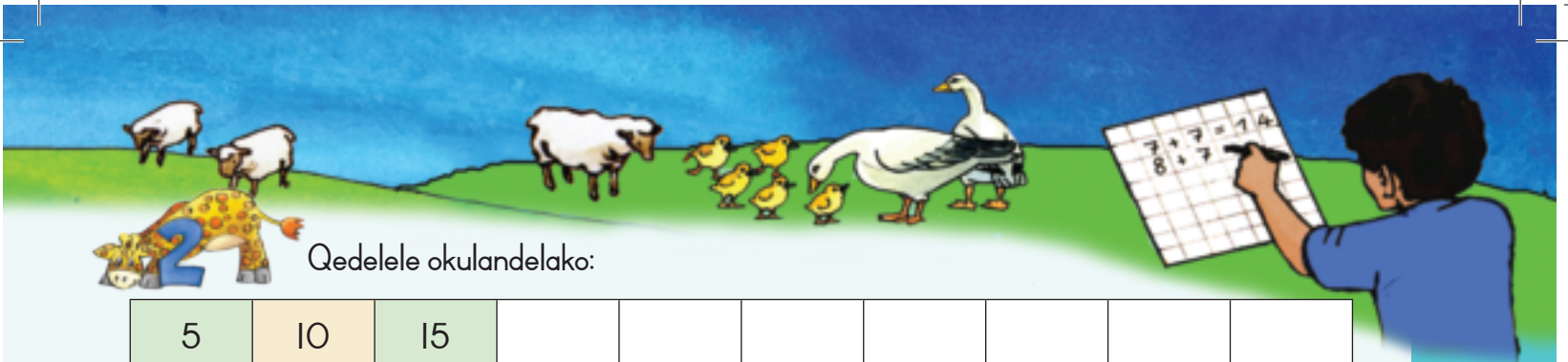
Qedelela okulandelako:

	<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>
	Amazwani enyaweni elilodwa		Inyawo			Imino esandleni esisodwa			Isandla		

	<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>
	Amazwani enyaweni elilodwa		Inyawo			Imino esandleni esisodwa			Isandla		

	<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>
	Amazwani enyaweni elilodwa		Inyawo			Imino esandleni esisodwa			Isandla		

	<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	×	<input type="text"/>	=	<input type="text"/>
	Amazwani enyaweni elilodwa		Inyawo			Imino esandleni esisodwa			Isandla		



Qedelele okulandelako:

5	10	15							
---	----	----	--	--	--	--	--	--	--

50	45	40							
----	----	----	--	--	--	--	--	--	--



Qedelela okulandelako:

$$5 \times \begin{matrix} \text{Apple} \\ \text{Apple} \\ \text{Apple} \\ \text{Apple} \\ \text{Apple} \end{matrix} = \square \text{ ama-apula}$$

$$4 \times \begin{matrix} \text{Banana} \\ \text{Banana} \\ \text{Banana} \\ \text{Banana} \end{matrix} = \square \text{ amabhanana}$$

$$6 \times \begin{matrix} \text{Banana} \\ \text{Banana} \\ \text{Banana} \\ \text{Banana} \\ \text{Banana} \\ \text{Banana} \end{matrix} = \square \text{ amabhanana}$$

$$7 \times \begin{matrix} \text{Apple} \\ \text{Apple} \\ \text{Apple} \\ \text{Apple} \\ \text{Apple} \\ \text{Apple} \\ \text{Apple} \end{matrix} = \square \text{ ama-apula}$$



Qedelela okulandelako:

$$\begin{aligned} 15 \times 5 &= \square \\ \begin{matrix} 10 \\ 5 \end{matrix} \times 5 & \\ = \begin{matrix} 10 \\ 5 \end{matrix} + \begin{matrix} 5 \end{matrix} \times 5 & \\ = \begin{matrix} 10 \\ 5 \end{matrix} \times 5 + \begin{matrix} 5 \end{matrix} \times 5 & \\ = 50 + 25 & \\ = 75 & \end{aligned}$$

$$\begin{aligned} 12 \times 5 &= \square \\ \begin{matrix} 10 \\ 2 \end{matrix} \times 5 & \\ = \square + \square \times \square & \\ = \square \times \square + \square \times \square & \\ = \square + \square & \\ = \square & \end{aligned}$$

$$\begin{aligned} 14 \times 5 &= \square \\ \begin{matrix} 10 \\ 4 \end{matrix} \times 5 & \\ = \square + \square \times \square & \\ = \square \times \square + \square \times \square & \\ = \square + \square & \\ = \square & \end{aligned}$$

$$\begin{aligned} 13 \times 5 &= \square \\ \begin{matrix} 10 \\ 3 \end{matrix} \times 5 & \\ = \square + \square \times \square & \\ = \square \times \square + \square \times \square & \\ = \square + \square & \\ = \square & \end{aligned}$$

Teacher:

Sign:

Date:

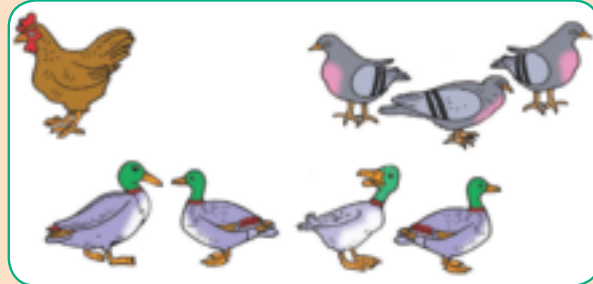


Ilanga:

Buyabuyelela ngaku-2

Ithemu 3

Zoke iinyoni zineenyawo ezimbili.



Zoke iinyoni zineempiko ezimbili.

Esithombeni lesi iinyoni zoke zineenyawo ezingaki?

Sezizoke, zingaki iimpiko esithombeni lesi?



Qala isithombe bese uqedelela okulandelako.

amazuba

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

Inani lamazuba Inani leenyawo inyoni ngayinye

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

Inani lamazuba Iimpiko inyoni ngayinye

amadada

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

Inani lamadada Inani leenyawo inyoni ngayinye

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

Inani lamadada Iimpiko inyoni ngayinye











Qedelela lokhu:

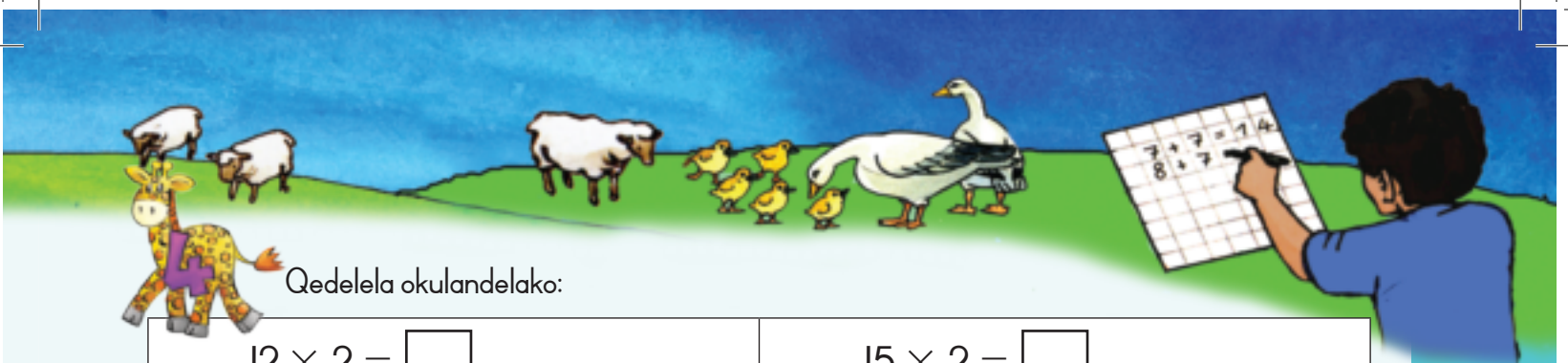
2	4	6							
---	---	---	--	--	--	--	--	--	--

20	18	16							
----	----	----	--	--	--	--	--	--	--



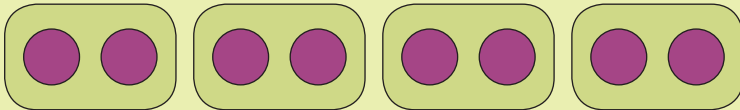
Qedelela lokhu:

5 ×   = <input type="text"/> ama-apula	4 ×   = <input type="text"/> amabhanana
6 ×   = <input type="text"/> amabhanana	7 ×   = <input type="text"/> ama-apula



Qedelela okulandelako:

$12 \times 2 = \square$ $\begin{array}{ c c } \hline 1 & 0 \\ \hline \end{array} \begin{array}{ c } \hline 2 \\ \hline \end{array} \times 2$ $= \begin{array}{ c c } \hline 1 & 0 \\ \hline \end{array} + \begin{array}{ c } \hline 2 \\ \hline \end{array} \times 2$ $= \begin{array}{ c c } \hline 1 & 0 \\ \hline \end{array} \times 2 + \begin{array}{ c } \hline 2 \\ \hline \end{array} \times 2$ $= 20 + 4$ $= 24$	$15 \times 2 = \square$ $\begin{array}{ c c } \hline 1 & 0 \\ \hline \end{array} \begin{array}{ c } \hline 5 \\ \hline \end{array} \times 2$ $= \square + \square \times \square$ $= \square \times \square + \square \times \square$ $= \square + \square$ $= \square$
--	--



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

nanyana

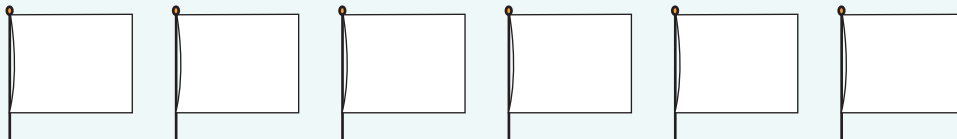
$$4 \times 2 = 8$$

nanyana

$$8 \div 2 = 4$$

Leli litshwayo lokuhlukanisa.

Gwala iinkwekwezi ezi-2 phezu kweflarha.



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

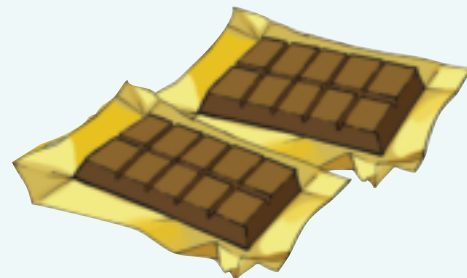
$$_ \times _ = _$$



Kunamabhlogo amangaki wetjhokoleli phezu kwesitina lesi setjhokoleydi?

$$_ \times _ = _$$

$$_ \times _ = _$$



Teacher: _____

Sign: _____

Date: _____

Ikotara ngemva

Ilanga: _____



Khulumani ngewatjhi.



Umkhono omfitjhani usanda kudlula kweyokuthoma.

Umkhono omude ujame phezulu kwemizuzu elitjhumi nahlanu.

Sithi ikotara ngemva kwe-iri lokuthoma.

Sihlathulula kobanyana yikotara ye-iri.

Mizuzu eli-15 ngemva kwe-iri lokuthoma.



Sikhathi bani?



Umkhono omfitjhani udlule _____.

Umkhono omude ujame phezu _____ kwemizuzu.

Sithi _____ ngemva _____.



Gwala umkhono omude kanye nomkhono omfitjhani.

Imizuzu ili-15 libethile i-iri le-8.



Imizuzu ili-15 libethile i-iri le-3.





Ikotara ngaphambili



Khulumani ngewatjhi.



Umkhono omfitjhani ungaphambidlala kwaka-3.

Umkhono omude ujame phezu kwethoba.

Sithi yikotara ngaphambi kwe-iri lesithathu.

Kusele nje imizuzu eli-15 kobana kubethe i-iri lesithathu.



Sikhathi bani?



Umkhono omfitjhani udlule nje kancani _____.

Umkhono omude ujame emizuzwini _____.

Sithi _____ ngaphambili kwe-iri.



Gwala umkhono omude kanye nomkhono omfitjhani.

Imizuzu ili-15 ngaphambi kwe-iri le-4.



Imizuzu ili-15 ngaphambi kwe-iri lo-8.



Teacher: _____
Sign: _____
Date: _____

85b

Isikhathi siyakhamba

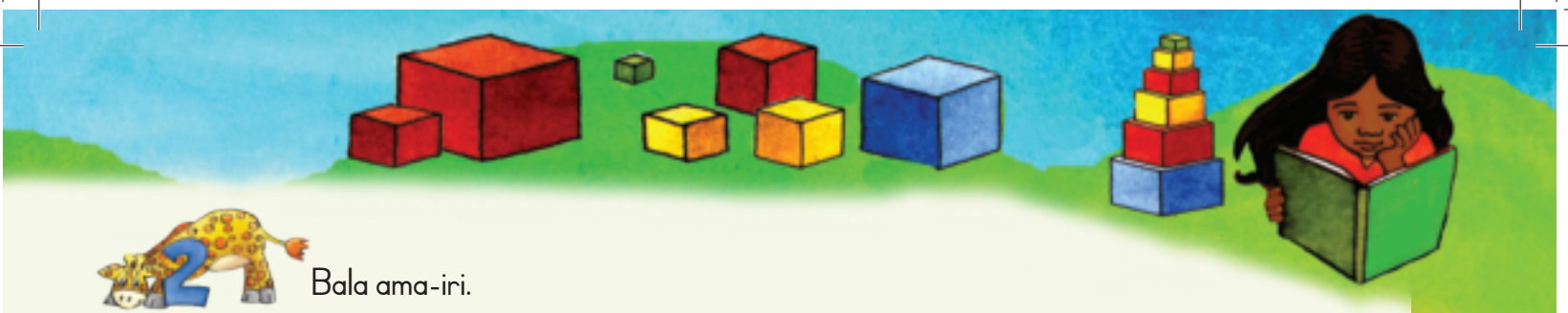
Ilanga:

Ithemu 3

ama-iri ama-2 ama-iri ama-2 i-iri eli-1



Kuthethe isikhathi esingangani kobana uqede umsebenzi?



Bala ama-iri.

Ma-iri amangaki ukusuka nge-iri lesi-4 poro ehloko bekube li-iri le-7 poro ehloko. _____

Ma-iri amangaki ukusuka nge-iri lesi-8 poro ehloko bekube li-iri le-12 poro ehloko. _____

Ma-iri amangaki ukusuka nge-iri loku-1 poro ehloko bekube li-iri le-8 poro ehloko. _____

Ma-iri amangaki ukusuka nge-iri lesi-5 poro ehloko bekube li-iri le-10 poro ehloko. _____

Ma-iri amangaki ukusuka nge-iri lesi-2 poro ehloko bekube li-iri le-11 poro ehloko. _____



Gwala isithombe.

UBongi uye kwabo lakamngani wakhe nge-iri le-10 ekuseni ngoMgqibelo.

Wabuya nge-iri lesi-3 poro ehloko. Ingabe uBongi bekangekho isikhathi esingangani?



UJohn uyokuthiya iinhlambi noyise. Basuke ekhaya nge-iri le-4 poro ehloko ekuseni.

Babuye ekhaya nge-iri le-10. Ingabe bakhambe ama-iri amangaki?



Teacher: _____

Sign: _____

Date: _____



Ilanga: _____

Buyelela kabili

Ithemu 3



Qalisisa isithombe sokuthoma nesesibili. Kwenzeka ini?

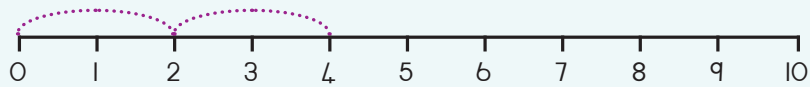


Hlanganisa amacaphazi begodu tlola isibalo sawo.

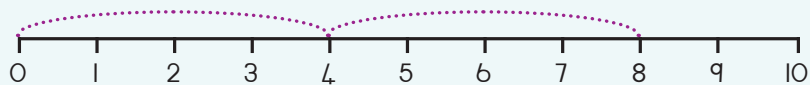
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input type="text"/> = <input type="text"/>
		<input type="text"/> + <input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



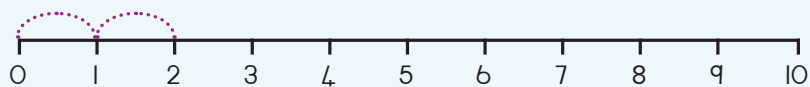
$$\square + \square = \square$$



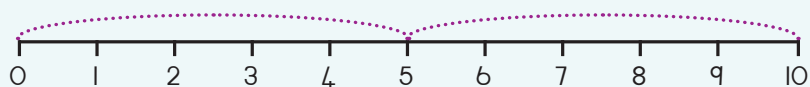
$$\square + \square = \square$$



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



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



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



Buyelela kabili okulandelako.

Buyelela kabili ngabo-1

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

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

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

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

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

Teacher: _____
 Sign: _____
 Date: _____





Ilanga:

Ukubuyelela kabili nokuhafula

Ithemu 3



Qala iinthombe ezimbili. Yakha yakho indatjana.



Bala izinto bese ukhalara ihafu yazo.

Bala

Ihafu yi-

Bala

Ihafu yi-



Qedelela okulandelako bese uyagwala:

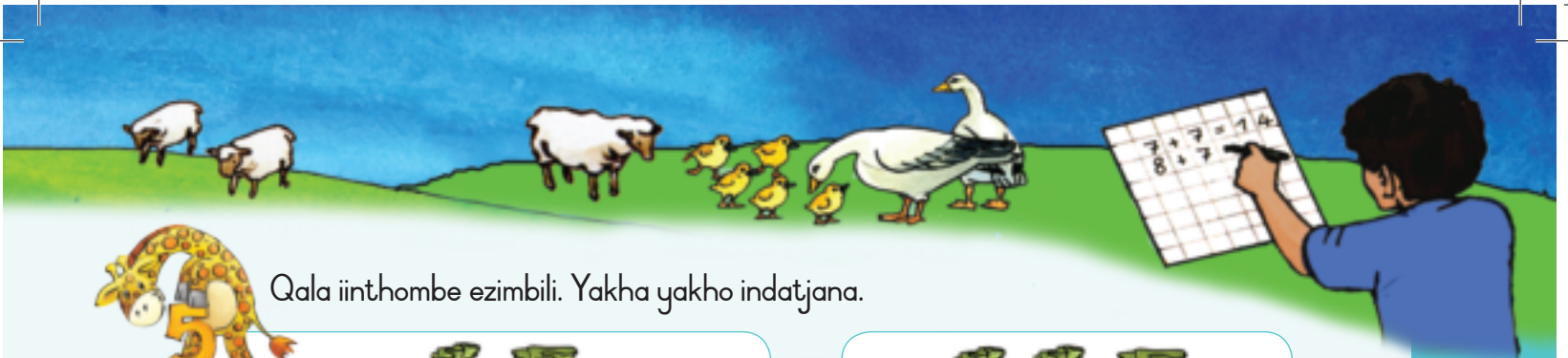
U-12 nakabuyelelwe kabili ipendulo ngu-

+ =



Qedelela:

14	8		16	
		2		9



Qala iinthombe ezimbili. Yakha yakho indatjana.



Kunamaswidi ali-10
ngesikhwanyaneni.



Bala izinto bese ukhalara ihafu yazo.

Bala

Ihafu yi-

Bala

Ihafu yi-



Qedelela okulandelako bese uyagwala:

U-16 nakabuyelelwe
kabili ipendulo ngu-

+



Qedelela:

34			36	40
	22	19		



Teacher: _____

Sign: _____

Date: _____



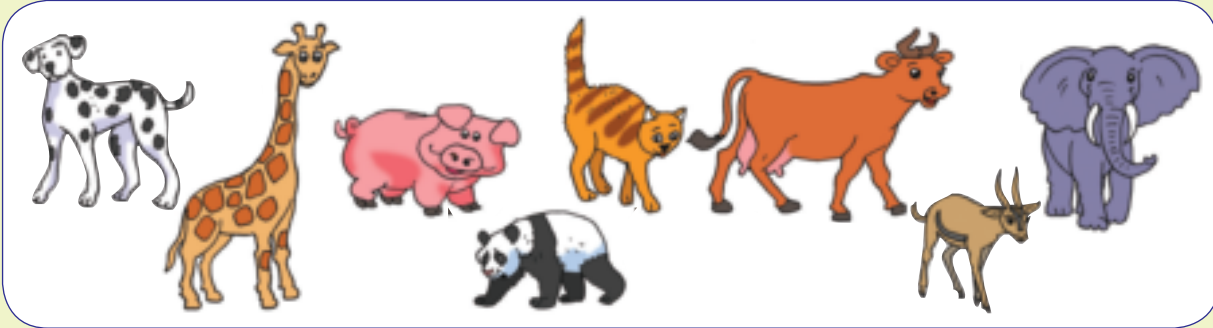
Ilanga:

Okhunye ukubuyabuyelela

Ithemu 3

Zoke iinlwana lezi zineenyawo ezi-4.

Zoke iinlwana lezi zinamehlo ama-2.



Lithini inani leenyawo ezisesithombeni esingehla?

Lithini inani leendlebe ezisesithombeni esingehla?



Qala isithombe bese uqedelela okulandelako.

Izinja

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

Inani lezinja Iinyawo isilwana ngasinye

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

Inani lezinja Amehlo isilwana ngasinye

Iinyamazana zemmangweni

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

Inani leenlwana Iinyawo zesilwana ngasinye

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

Inani leenlwana Iindlebe isilwana ngasinye







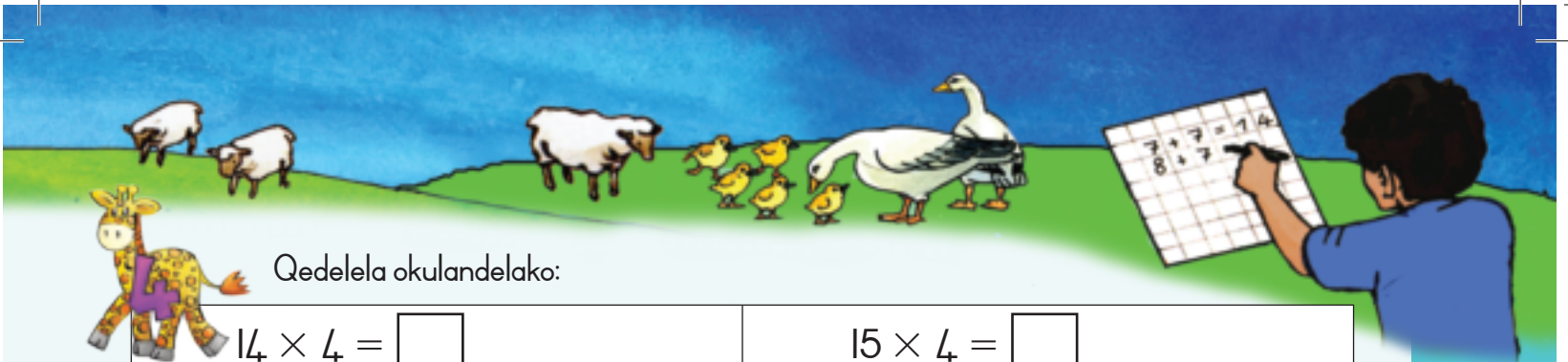
Qedelela okulandelako:

4	8	12							
40	36	32							



Qedelela okulandelako:

$5 \times$  = <input type="text"/> ama-apula	$4 \times$  = <input type="text"/> amabhanana
$6 \times$  = <input type="text"/> amabhanana	$7 \times$  = <input type="text"/> ama-apula



Qedelela okulandelako:



$$\begin{aligned}
 14 \times 4 &= \square \\
 10 &+ 4 \times 4 \\
 = 10 &+ 4 \times 4 \\
 = 10 \times 4 &+ 4 \times 4 \\
 = 40 &+ 16 \\
 = 56
 \end{aligned}$$

$$\begin{aligned}
 15 \times 4 &= \square \\
 10 &+ 5 \times 4 \\
 = \square &+ \square \times \square \\
 = \square \times \square &+ \square \times \square \\
 = \square &+ \square \\
 = \square
 \end{aligned}$$



Abangani ababili badlalisa ngamasede amabili wamakomitji. Nabaqedako bahlela kuhle amasede lawo. Bafanele babe namakomitji amangaki i-sede ngayinye?



Qedelela lokhu okulandelako.

Yabela abentwana aba-2 amamabula ali-19 ngokulingana.

Yabela abentwana aba-2 ngokulingana amapensela ama-22.

Omunye nomunye ufunyana
Okuseleko

Omunye nomunye ufunyana
Okuseleko



Gwala iinthombe ukuze utjengise iimpendulo yakho.

Yabela abentwana aba-4 ngokulingana iincwadi ezi-23.

Yabela abentwana aba-4 ngokulingana iincwadi ezi-15.

Omunye nomunye ufunyana
Okuseleko

Omunye nomunye ufunyana
Okuseleko



Teacher: _____
Sign: _____
Date: _____

Amaphetheni neenomboro

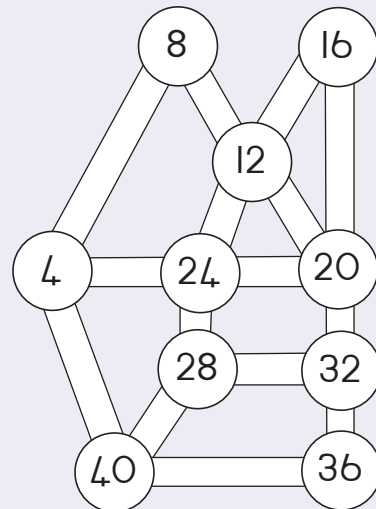
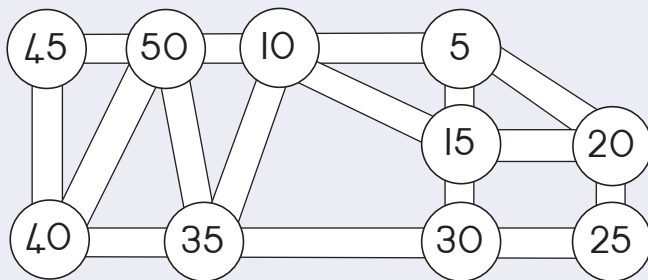
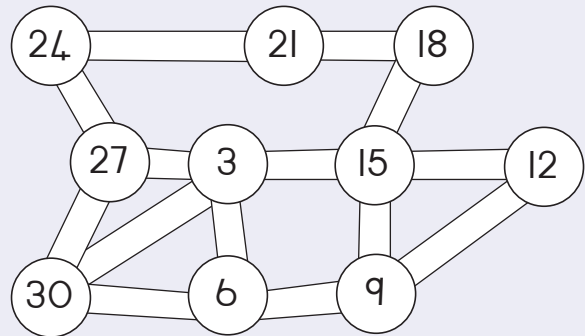
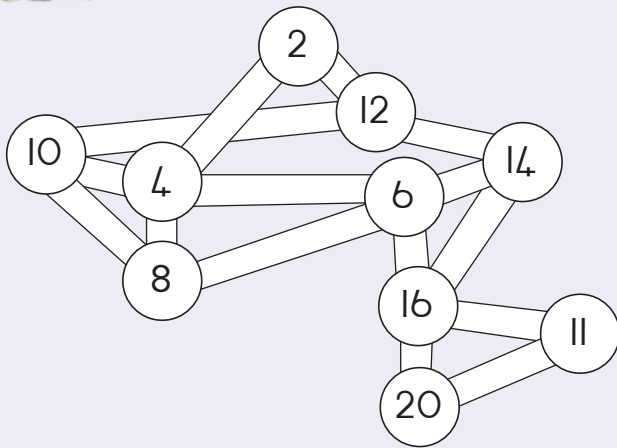
Ilanga:

Ithemu 3

Izokuba yini inomboro ekarini?



Tjengisa iphetheni, gwala indlela yakho, uthome ngenomboro encani khulu.





Qwala imikhono uyinamathisele ewatjhini bese uqedelela amaphetheni wesikhathi.

4:20	4:25	_____	_____	_____
11:10	11:20	11:30	_____	_____
9:25	9:40	9:55	_____	_____
10:30	10:35	10:40	_____	_____
5:10	5:20	5:30	_____	_____



Teacher: _____
 Sign: _____
 Date: _____

90

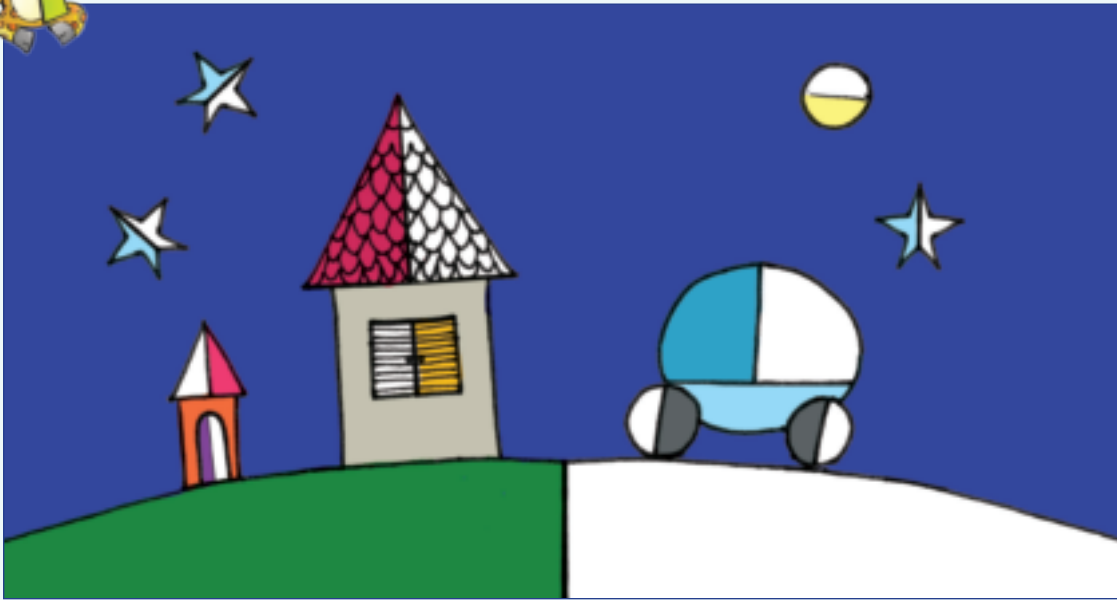


Ilanga: _____

Amacezu – abohafu



Qala isithombe. Khalara enye ihafu ngombala ofanako.



Qala iinthombe. Thika amajamo atjengisa abohafu. Khalara ihafu enye nenye yejamo eyahlukaniswe ngabohafu.

 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>
 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>
 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>


Ithemu 3



Khalara ihafu enye nenyeyejamo.



Khalara ihafu yeenlwana ngebhlogweni ngalinye.



ihafu ihafu ihafu

Teacher: _____
 Sign: _____
 Date: _____



Ilanga:

Amacezu – amanye amahafu



Qala isithombe. Ihafu yinye itjho ukuthini?



Ihafu eyodwa yomuthi wama-apula

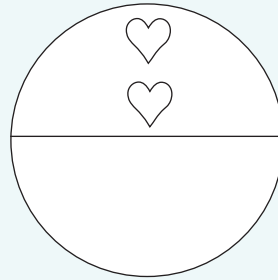
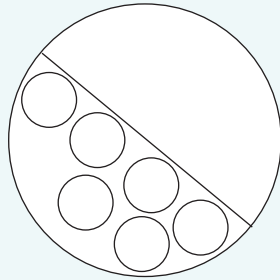
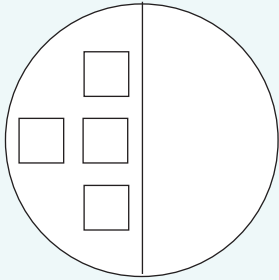
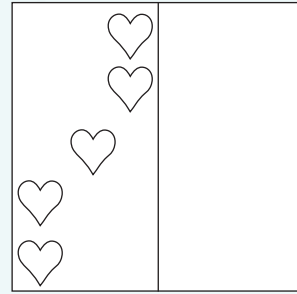
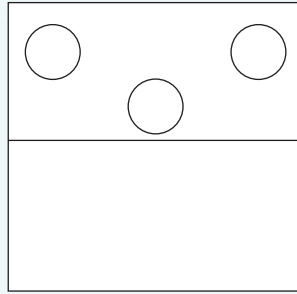
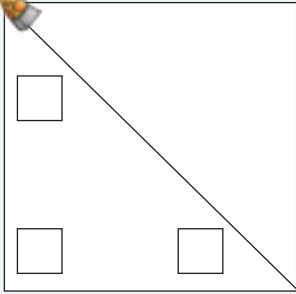


Khalara ihafu eyodwa kwelinye nelinye ibutholelo leentelo. Iyini ihafu yeentelo ezisebuthelelweni ngalinye?

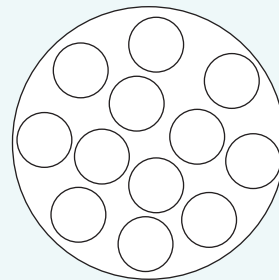
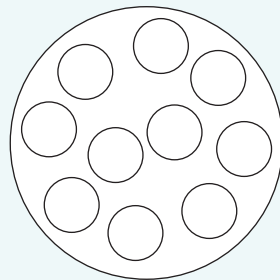
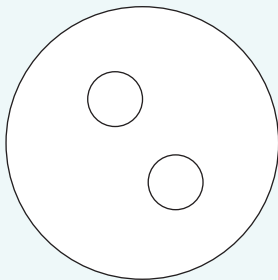
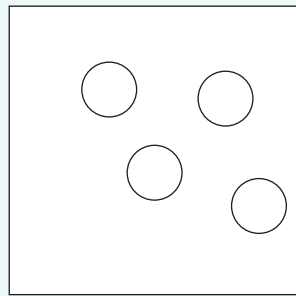
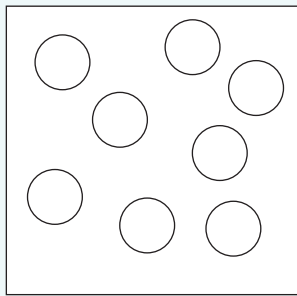
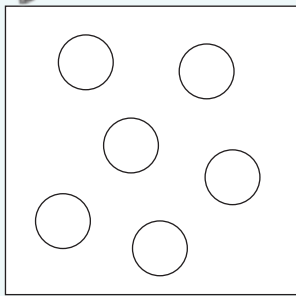

<input type="text"/> 	<input type="text"/> 	<input type="text"/>
<input type="text"/> 	<input type="text"/> 	<input type="text"/>



Gwala enye ihafu.



Khalara ihafu yamabumbeko.

ihafu ihafu ihafu



Teacher: _____
 Sign: _____
 Date: _____



Iindawo nokubonakala

Ilanga: _____

Inyoni ijame kuphi? Amagama azokusiza.



Ukubonakala kwendlu ngaphambili.



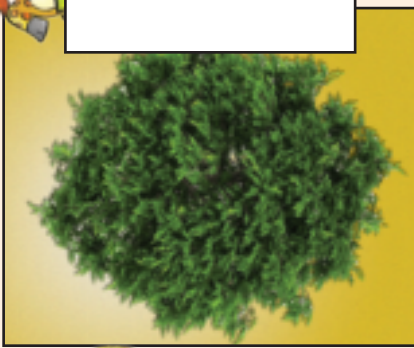
Ukubonakala kwendlu ngemahlangothini.



Ukubonakala komakhiwo ngaphezulu.



Umuntu lo bekajame kuphi nakabona lokhu?

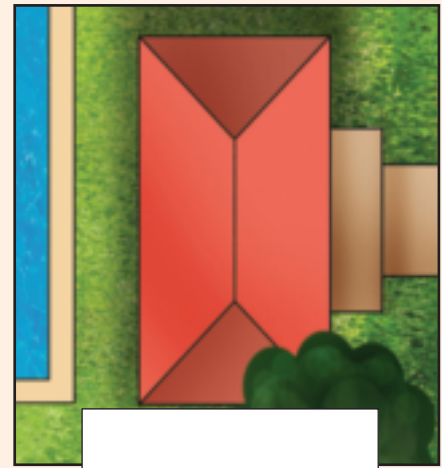


Tlola amagama la esithombeni. Ubona ini umuntu lo?

ukubona into ngaphambili

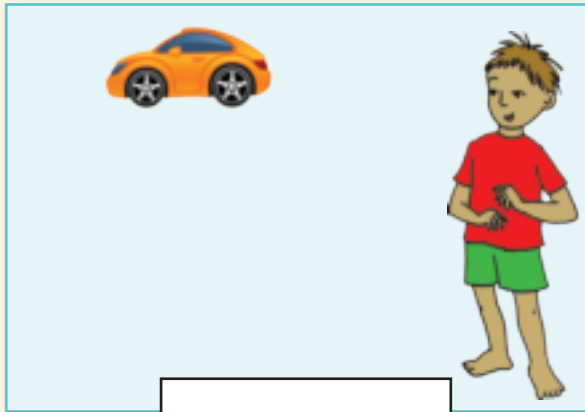
ukubona into ngaphezulu

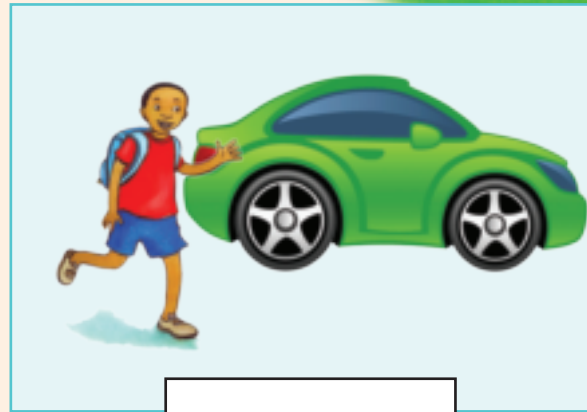
ukubona into ngemahlangothini

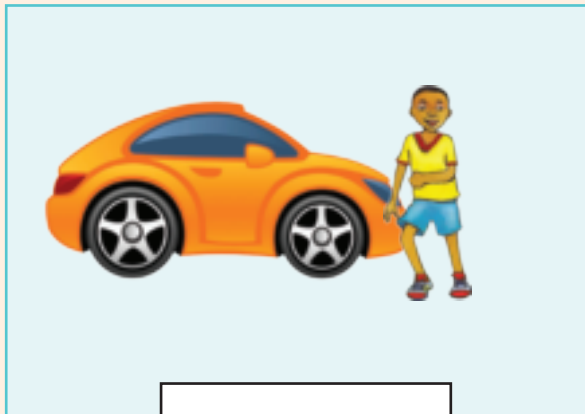


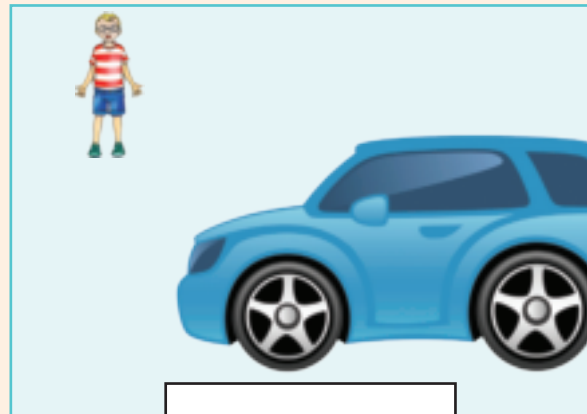


Yitjho kobana ikoloji ikuphi nomsana. Iseduze nanyana ikude?



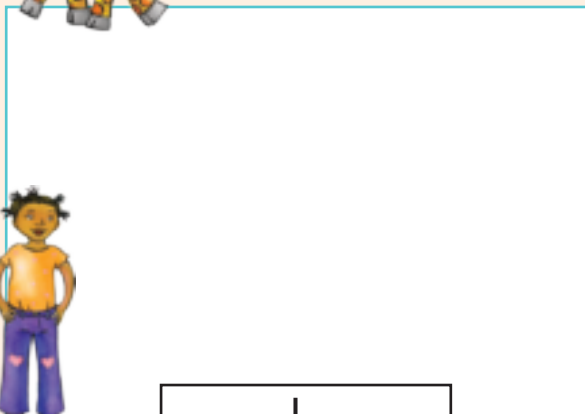


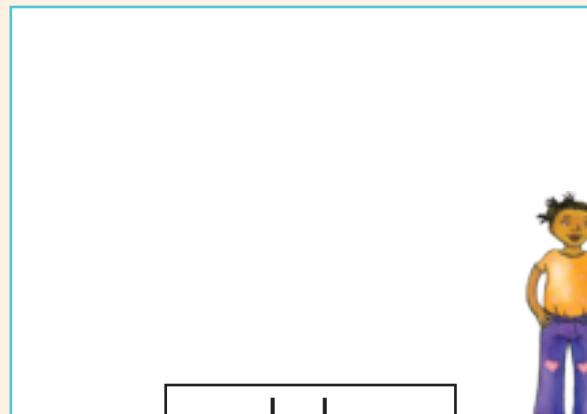






Qwala umuthi eduze nakude nomntazana.







Yenza umsebenzi lo:

- Qala izinto lezi zombili ngamehlo womabili. Ubona ini?
- Vala ilihlo linye ngesandla, ubona ini?



Teacher: _____
Sign: _____
Date: _____



Ilanga: _____

Eminyane godu imininingwana

Ithemu 3



Hlela iinthelo. Yenza yakho imigwalo utjengise. Tlola inani ngaphakathi kwebhoksi.

Ngokuhlela kühle ngibeke zoke iinthelo ezifanako ndawonye.










Gwala iphikthografu eneentelo ezihlelekileko.


ISIYELELISO:





Qala umncamo bese uphendula imibuzo.

Phendula umbuzo:

Ngisiphi isithelo esinaso ngobunengi?

Ngisiphi isithelo esinaso kancani?



Teacher: _____

Sign: _____

Date: _____



Ilanga:

Amacezu – amakota



Khalara ikota yokugcina ngombala ofanako.

Ithemu 3



Tika amajamo atjengisa amakota.

Khalara enye nenze ikota yejamo eyahlukaniswe ngamakota.


 <input style="width: 30px; height: 20px;" type="text"/>	 <input style="width: 30px; height: 20px;" type="text"/>	 <input style="width: 30px; height: 20px;" type="text"/>	 <input style="width: 30px; height: 20px;" type="text"/>
 <input style="width: 30px; height: 20px;" type="text"/>	 <input style="width: 30px; height: 20px;" type="text"/>	 <input style="width: 30px; height: 20px;" type="text"/>	 <input style="width: 30px; height: 20px;" type="text"/>
 <input style="width: 30px; height: 20px;" type="text"/>	 <input style="width: 30px; height: 20px;" type="text"/>	 <input style="width: 30px; height: 20px;" type="text"/>	 <input style="width: 30px; height: 20px;" type="text"/>



Khalara ikotara yinye ebumbekweni leli.

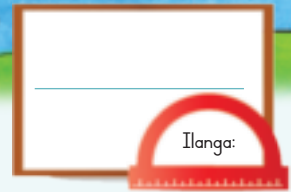


Khalara ikota yenyamazana enye neny.



ikota ikota ikota

Teacher: _____
 Sign: _____
 Date: _____

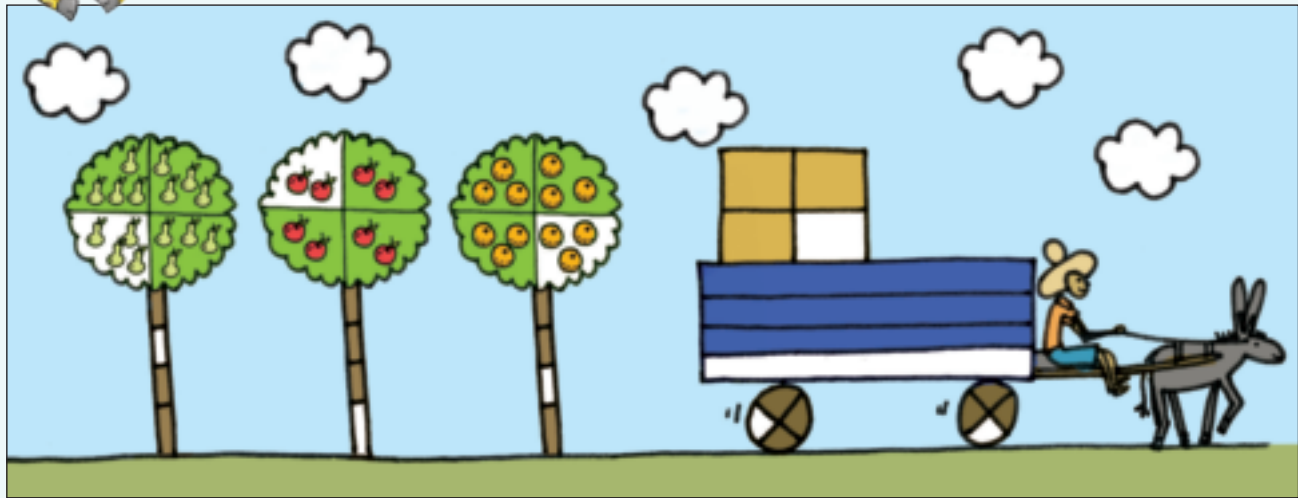


Amacezu – amanye amakota

Khalara ikota yokugcina ngombala ofanako.



Ithemu 3



Phendula okulandelako:

Nawukhupha $i-\frac{1}{4}$ yamapiyere emthini ipendulo _____.

Nawukhupha $i-\frac{1}{4}$ yama-apula emthini yi-_____.

Nawukhupha $i-\frac{1}{4}$ yama-orentji emthini yi-_____.



Khalara $i-\frac{1}{4}$ yesithelo kesinye nesinye isiqhema. Sithini isibalo seentshelo kenye nentye ikota?

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



Gwala amanye amajamo ukwenza enye nenye ikota ilingane.



Thengisa ikota yamajamo.

--	--



Ngikuphi okukhulu? Thika ipendulo enembako.

	<input type="checkbox"/>		<input type="checkbox"/>	ihafu yinye	<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>	ikota yinye	<input type="checkbox"/>

ikota amakota

Teacher: _____
Sign: _____
Date: _____



Amaphetheni weenomboro anamajamo

Ilanga:

Ithemu 3

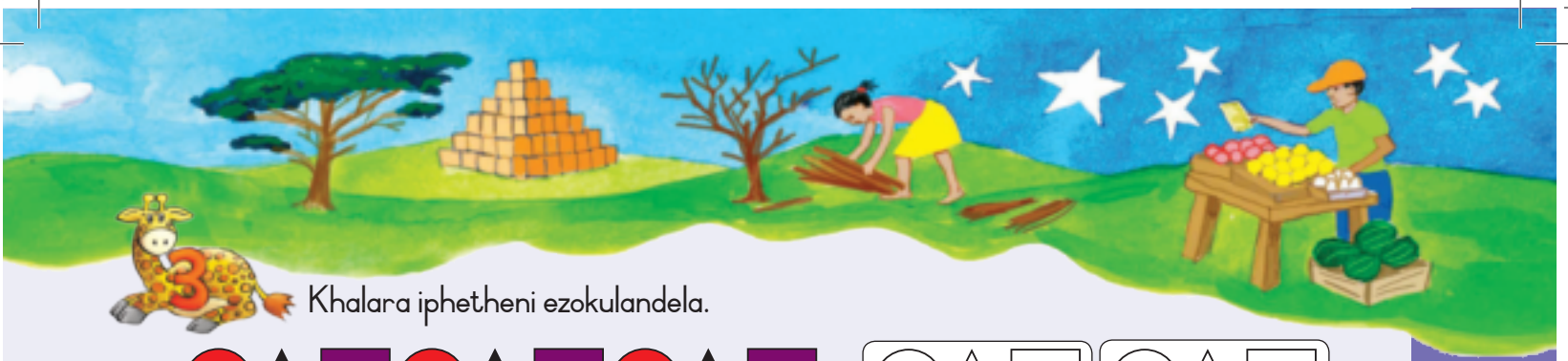
Madanisa iphetheni.

The chalkboard contains two whiteboards. The left whiteboard has four rows of colored shapes: red circles and triangles, purple squares and rectangles, orange circles, squares, and triangles, and green circles and squares. The right whiteboard has four rows of white shapes: squares of varying sizes, a sequence of circle, square, triangle, circle, square, triangle, circle, square, and a sequence of circle, triangle, circle, triangle, circle, triangle, circle, triangle.

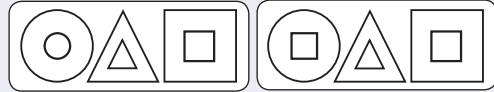
Kopulula iphetheni elandelako.

The cutting activity consists of several horizontal bars:

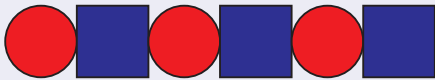
- Bar 1: A sequence of orange shapes: square, triangle, circle, square, triangle, circle, square, triangle, circle, square, triangle, circle, square.
- Bar 2: A sequence of white shapes: square, triangle, circle, square, triangle, circle, square, triangle, circle, square, triangle, circle, square.
- Bar 3: A sequence of purple shapes: square, triangle, circle, circle, square, triangle, circle, circle, square, triangle, circle, circle, square, triangle, circle, circle.
- Bar 4: A sequence of white shapes: square, triangle, circle, circle.
- Bar 5: A sequence of purple shapes: square, circle, triangle, square, circle, triangle, square, circle, triangle, square, circle, triangle.
- Bar 6: A sequence of purple shapes: triangle, inverted triangle, triangle, inverted triangle, triangle, inverted triangle, triangle, inverted triangle, triangle, inverted triangle, triangle, inverted triangle, triangle, inverted triangle, triangle, inverted triangle, triangle, inverted triangle, triangle, inverted triangle.



Khalara iphetheni ezokulandela.



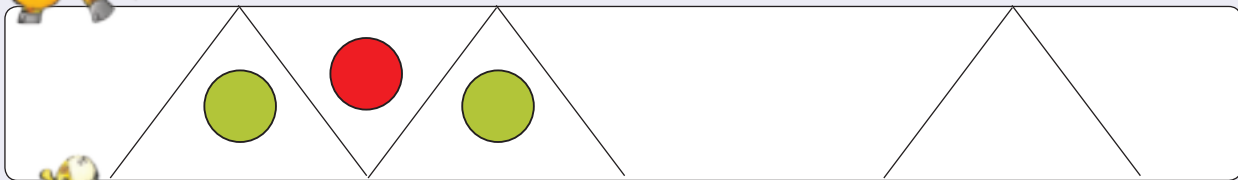
Gwala iphetheni elandelako.



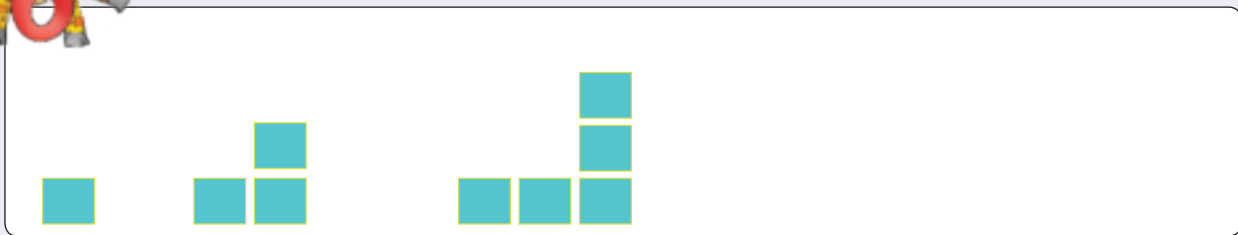




Yelula iphetheni.



Gwala iphetheni elandelako.



Gwala iphetheni yakho.

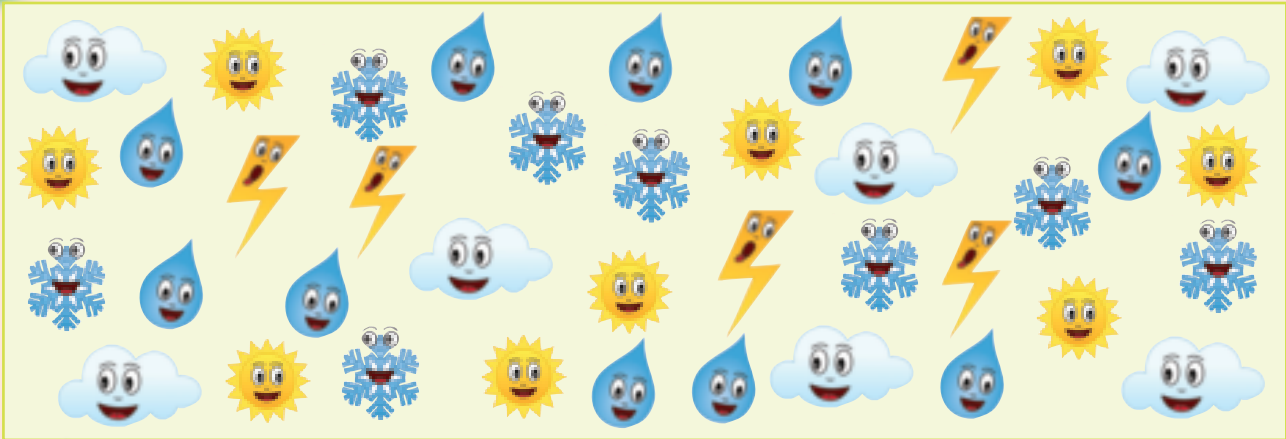


Teacher: _____
 Sign: _____
 Date: _____



Ukulela imininingwana

Ilanga:



Hlela amatshwayo weeyeleliso zobujamo bezulu ngendlela efaneleko.
Gwala wakho umgwalo ukhombise. Tlola inani elifaneleko ngebhoksini ngalinye.














Gwala isithombe sephikthografu ukhombise
ukuhleleka kweenyeleliso zobujamo bezulu.

ISIYELELISO: 



Sebenzisa iphikthografu engehla ukuze uqedelele ibha-grafu engenzeni.
Phendula imibuzo elandelako:

Ingabe besinamalanga amanengi
atjhisako nanyana amalanga abe
anamafu khona?

Ucabanga kobana kungasiphi
isikhathi somnyaka?

Kubayini?

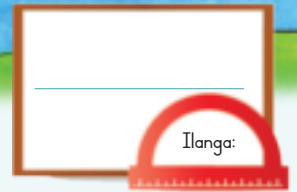
Ingabe lokhu kuzokufana kiwo
woke amaphrovinsi?



Teacher: _____

Sign: _____

Date: _____



Iinomboro 150 – 180

Khalara ngaphakathi kwesiyingi se-172.



○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	1	0	0
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	7	0	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○			2
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○			
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○			
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○			
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○			
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○			
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○			
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○			

Ithemu 4



Tlola umutjho weenomboro:

<table border="1"> <tr> <td>1</td><td>0</td><td>0</td> <td>5</td><td>0</td> <td>8</td> </tr> <tr> <td colspan="3">100 + 50 + 8</td> <td colspan="3">=</td> </tr> <tr> <td colspan="3">= 158</td> <td colspan="3"></td> </tr> </table>	1	0	0	5	0	8	100 + 50 + 8			=			= 158						<table border="1"> <tr> <td>1</td><td>0</td><td>0</td> <td>5</td><td>0</td> <td>9</td> </tr> <tr> <td colspan="3">=</td> <td colspan="3"></td> </tr> </table>	1	0	0	5	0	9	=						<table border="1"> <tr> <td>1</td><td>0</td><td>0</td> <td>7</td><td>0</td> <td>2</td> </tr> <tr> <td colspan="3">=</td> <td colspan="3"></td> </tr> </table>	1	0	0	7	0	2	=					
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Ngiziphi iinomboro eziza hlangana:

- 150 ne 158 _____
- 172 ne 177 _____
- 180 ne 175 _____
- 160 ne 155 _____
- 165 ne 160 _____



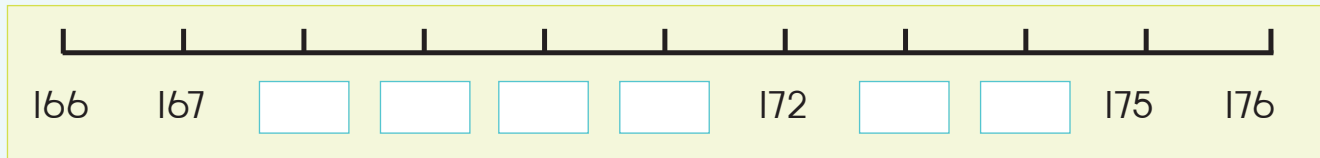
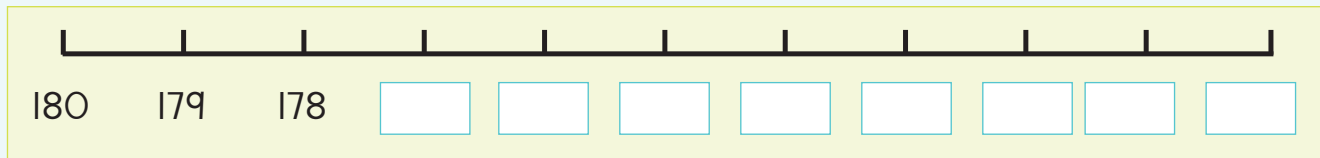
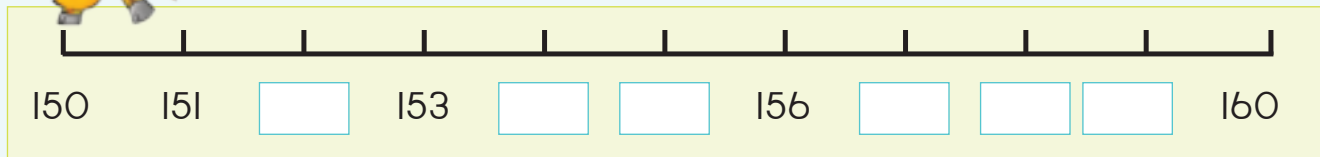


Tlola iinomboro ezimbili ezincani kanye nezimbili ezikulu kunenomboro enikelweko.

Ncane kuna-		Inomboro	Khulu kuna-	
		157		
		165		
		178		
		161		
		174		



Qedelela amanambalayini alandelako.



Sika iinomboro ezintathu ezihlangana kwe-150 kanye ne-180 kibomegazini nanyana ephaphandabeni. zinamathisele lapha ukusuka kekulu khulu kuya kencane khulu.

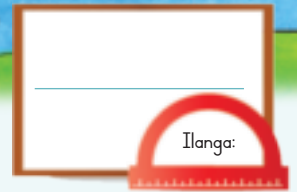


Teacher: _____

Sign: _____

Date: _____

98



Iinomboro 170 – 200

Khalara ngaphakathi kwesiyingi se-199.



Ithemu 4

○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	1 0 0
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	9 0
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	9
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	



Tlola inomboro ejamele:

<table border="1"> <tr> <td>1 0 0</td> <td>7 0</td> <td>7</td> </tr> </table> <p>100 + 70 + 7 = 177</p>	1 0 0	7 0	7	<table border="1"> <tr> <td>1 0 0</td> <td>9 0</td> <td>3</td> </tr> </table> <p>=</p>	1 0 0	9 0	3	<table border="1"> <tr> <td>1 0 0</td> <td>8 0</td> <td>1</td> </tr> </table> <p>=</p>	1 0 0	8 0	1
1 0 0	7 0	7									
1 0 0	9 0	3									
1 0 0	8 0	1									
<table border="1"> <tr> <td>1 0 0</td> <td>9 0</td> <td>5</td> </tr> </table> <p>=</p>	1 0 0	9 0	5	<table border="1"> <tr> <td>1 0 0</td> <td>9 0</td> <td>9</td> </tr> </table> <p>=</p>	1 0 0	9 0	9	<table border="1"> <tr> <td>1 0 0</td> <td>7 0</td> <td>9</td> </tr> </table> <p>=</p>	1 0 0	7 0	9
1 0 0	9 0	5									
1 0 0	9 0	9									
1 0 0	7 0	9									



Ngziphi iinomboro eziza hlangana?

- 170 ne 175 _____
- 198 ne 195 _____
- 180 ne 175 _____
- 168 ne 173 _____
- 200 ne 196 _____



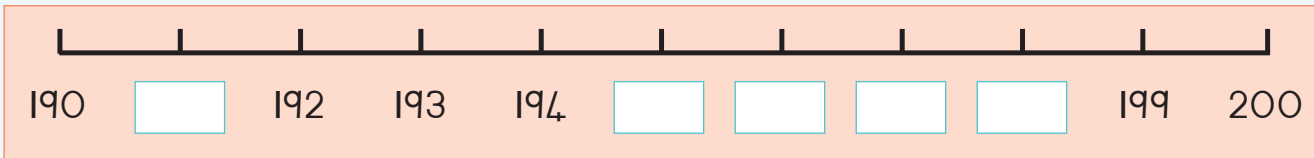
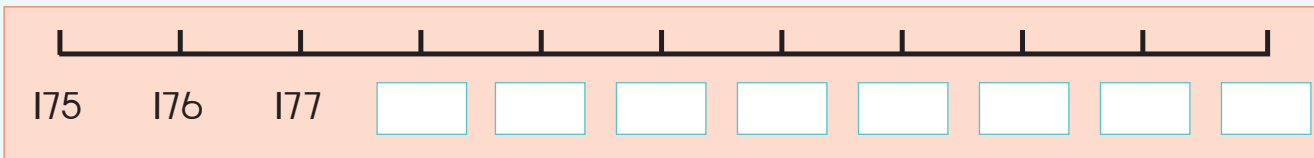
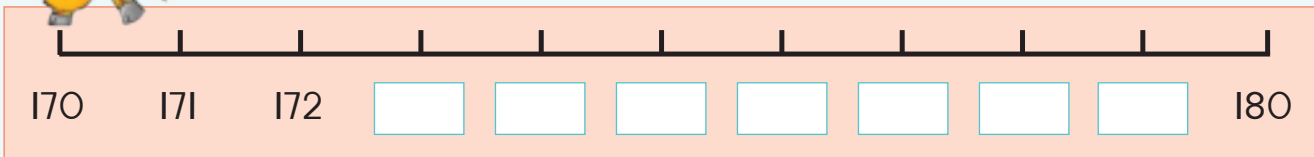


Tlola iinomboro ezimbili ezincani kanye nezimbili ezikulu kunenomboro enikelweko.

Ncani kuna-		Inomboro	Khulu kuna-	
		170		
		198		
		185		
		174		
		181		



Qedelela amanambalayini.



Sika iinomboro ezintathu ezihlangana kwe-170 nama-200 emagazinini nanyana ephaphandebeni. Zinamathisele lapha kusuka kekulu khulu kuya kencani khulu.



Teacher: _____

Sign: _____

Date: _____

qq

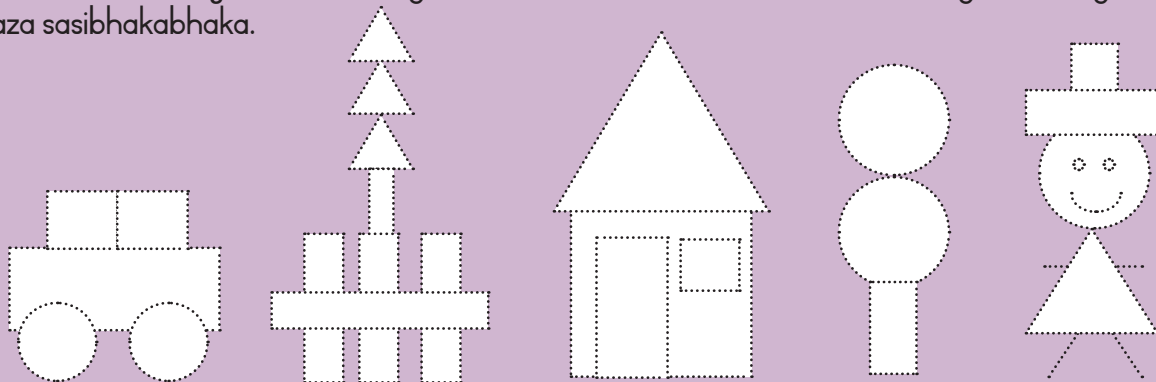


Amabumbeko anobujamo be-2-D

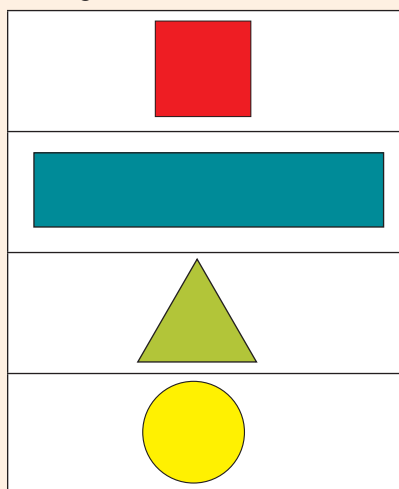
Ilanga:

Ithemu 4

Gadangisa woke amabumbeko. Khalara zoke iindulunga ngombala obovu, aboncantathu ngombala ohlaza satjani, iinkwere ngombala osarulani bese kuthi amarekthengela abe ngombala ohlaza sasibhakabhaka.



Madanisa igama nebumbeko elinembako.



uncantathu
indulunga
isikwere
irekthengela

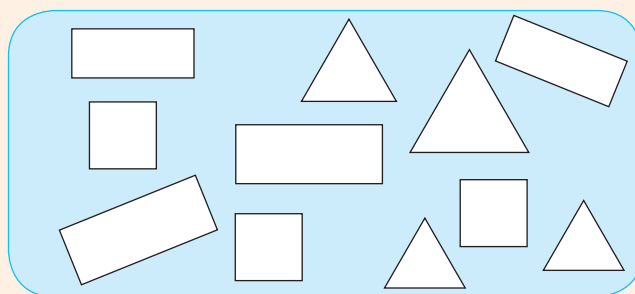
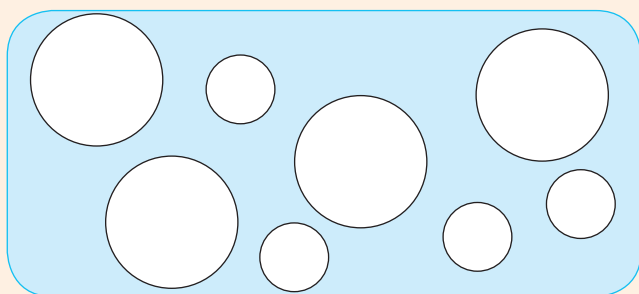


Khalara:

- Iindulunga ezikulu ngombala obovu
- Iindulunga ezincani ngombala osarulani

Khalara:

- Amarekthengeli amakhulu ngombala obovu
- Amarekthengeli amancani ngombala osarulani





Khalara ijamo elifana nejamo elisekuthomeni.

Shape recognition and tracing activity for the number 3. It consists of four rows of shapes:

- Row 1: A purple rounded rectangle containing a white right-pointing triangle, followed by a yellow rounded rectangle containing five white triangles pointing in different directions.
- Row 2: A purple rounded rectangle containing a white diamond, followed by a yellow rounded rectangle containing five white squares.
- Row 3: A purple rounded rectangle containing a white rectangle, followed by a yellow rounded rectangle containing five white rectangles of various orientations.
- Row 4: A purple rounded rectangle containing a white circle, followed by a yellow rounded rectangle containing five white circles of various sizes.



Gwala isithombe sakho usebenzise iinkwere, amarekhthengela, aboncantathu kanye neendulunga.

A large, empty rounded rectangular box for drawing or writing.

Sika emaphepheni amadala bese ukhupha lakho ibumbeko usebenzise iskwere, amarekhthengela, iindulunga kanye naboncantathu.

A large, empty light blue rectangular box for drawing or writing.



Teacher's clipboard with fields for:

- Teacher:
- Sign:
- Date:

100



Ilanga: _____

Iinomboro 0 – 200



Zingaki ezinye iinomboro ezahlukileko ongazakha.

Ithemu 4

100	40	2
9	50	100
20	100	70
	1	8



Qedelela okulandelako.

<p>100 40 9</p> $100 + 40 + 9 = \square$	<p>100 70 3</p> $100 + 70 + 3 = \square$	<p>100 20 8</p> $100 + 20 + 8 = \square$
<p>100 10 7</p> $100 + 10 + 7 = \square$	<p>100 90 2</p> $100 + 90 + 2 = \square$	



Tlola ngemabhoksini anganalitho ngamakhulu, amatjumi kanye namayunidi ukuqedelela isibalo.

181 = + +

144 = + +

135 = + +

156 = + +

169 = + +





Hlanganisa okulandelako:

$60 + 4 = \square$

$100 + 20 + 3 = \square$

$90 + 8 = \square$

$100 + 40 + 9 = \square$

$40 + 7 = \square$

$100 + 70 + 8 = \square$

$30 + 6 = \square$

$100 + 60 + 1 = \square$

$50 + 2 = \square$

$100 + 50 + 5 = \square$

Tlola inomboro etlhayelako:

$70 + \square = 71$

$100 + \square + 3 = 153$

$30 + \square = 38$

$100 + \square + 9 = 169$

$60 + \square = 69$

$\square + 70 + 8 = 178$

$20 + \square = 24$

$100 + \square + 1 = 191$

$80 + \square = 85$

$100 + 50 + \square = 157$



Zenzele zakho iimbalo usebenzise amakhulu, amatjumi kanye namadijidi.

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

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



Ngijiphi inomboro ekulu (K)?

Ngijiphi inomboro encani (Nc)?

509
100

100
940

450
100



Teacher: _____
Sign: _____
Date: _____



Ilanga:

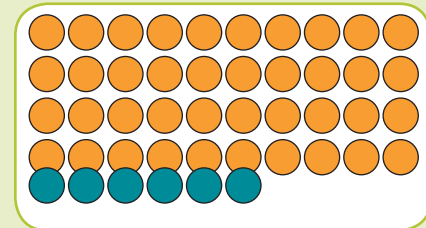
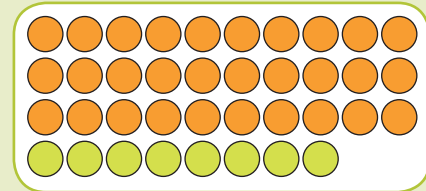
Ukuhlanganisa nokukhupha

Qala ibhodi yeenomboro nomncamo. Khuluma ngokusebhodini.

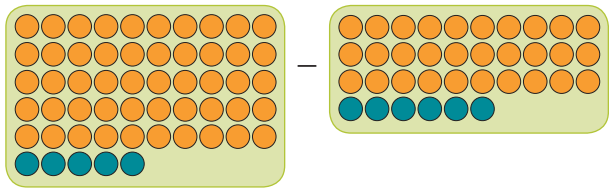


Ithemu 4

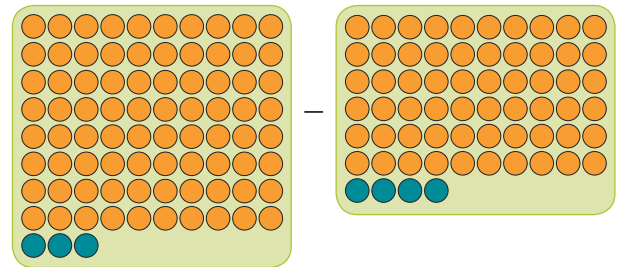
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



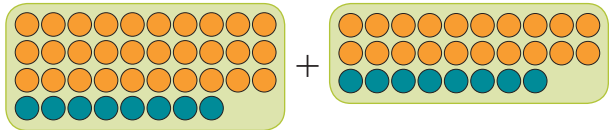
Hlanganisa nanyana ukhuphe.



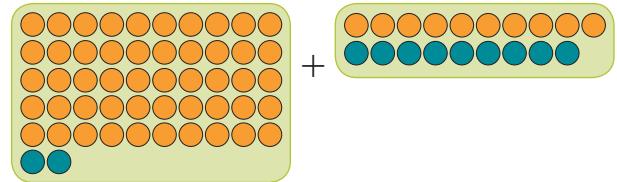
$$\begin{aligned}
 & 50 \quad 5 \quad - \quad 30 \quad 6 \\
 = & 40 + 15 - 30 - 6 \\
 = & 10 + 9 \\
 = & 19
 \end{aligned}$$



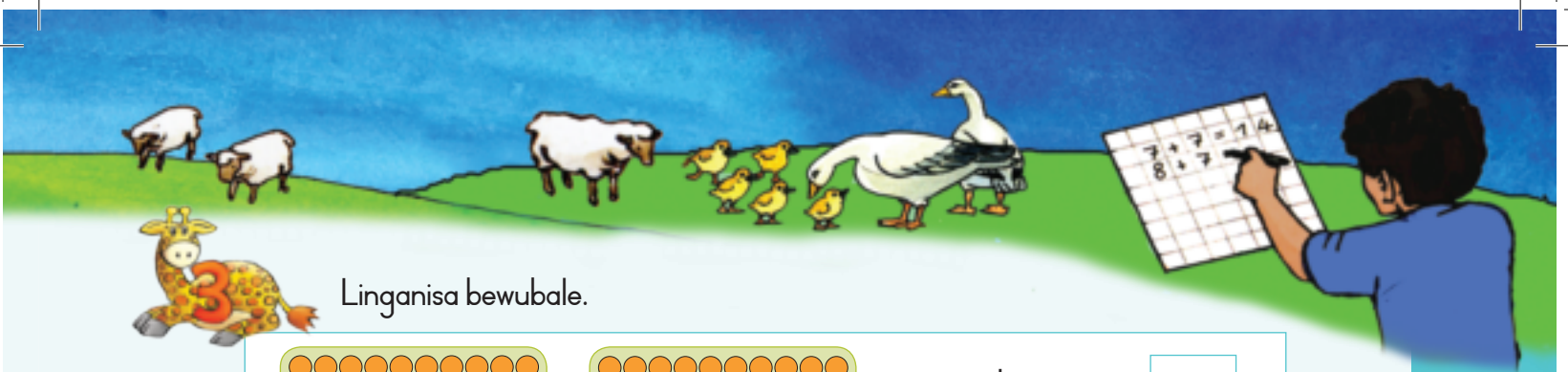
$$\begin{aligned}
 & \square \quad \square \quad - \quad \square \quad \square \\
 = & \square + \square - \square - \square \\
 = & \square + \square \\
 = & \square
 \end{aligned}$$



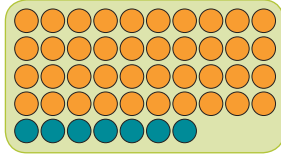
$$\begin{aligned}
 & \square \quad \square + \square \quad \square \\
 = & \square + \square + \square \\
 = & \square + \square + \square + \square \\
 = & \square + \square \\
 = & \square
 \end{aligned}$$



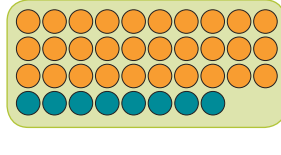
$$\begin{aligned}
 & \square \quad \square + \square \quad \square \\
 = & \square + \square + \square \\
 = & \square + \square \\
 = & \square
 \end{aligned}$$



Linganisa bewubale.

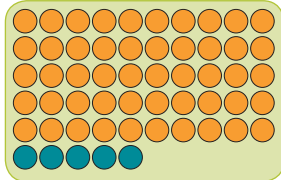


+

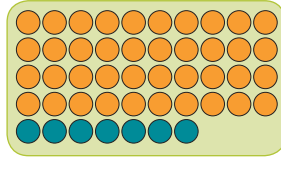


Linganisa

Bala



+



Linganisa

Bala



Bala usebenzisa yakho indlela.

$53 + 39$

$92 - 48$



Hlanganisa inomboro 39 kanye nenomboro 29.

Nawukhupha u-19 ku-43 kusala?

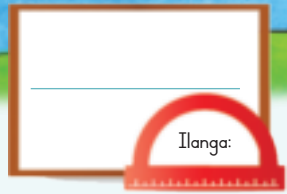
Khupha inomboro 74 kanye nenomboro 45.

Nawukhupha u-69 ku-82 kusala?

Teacher:

Sign:

Date:



Ukuhlanganisa nokukhupha godu



Qala i-abhakhasi ngesandleni sokudla kanye nangesinceleni. Ubona ini?

Ithemu 4

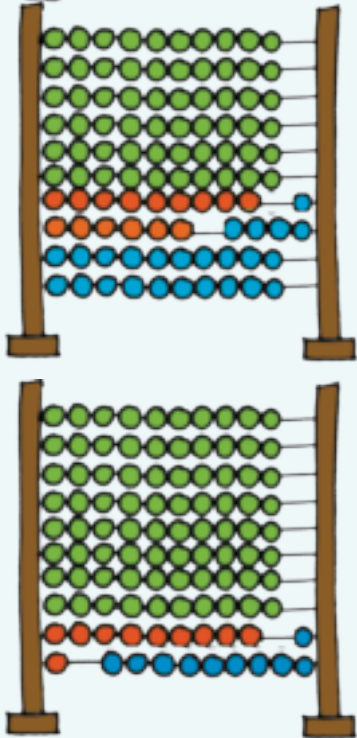
<div style="background-color: #4CAF50; color: white; padding: 5px; display: inline-block;">2 0</div>	<div style="background-color: #F44336; color: white; padding: 5px; display: inline-block;">8</div>	=	<div style="background-color: #4CAF50; color: white; padding: 5px; display: inline-block;">6 0</div>	<div style="background-color: #F44336; color: white; padding: 5px; display: inline-block;">5</div>
<div style="background-color: #4CAF50; color: white; padding: 5px; display: inline-block;">3 0</div>	<div style="background-color: #F44336; color: white; padding: 5px; display: inline-block;">7</div>			

Hlanganisa iimbalo ezimbili

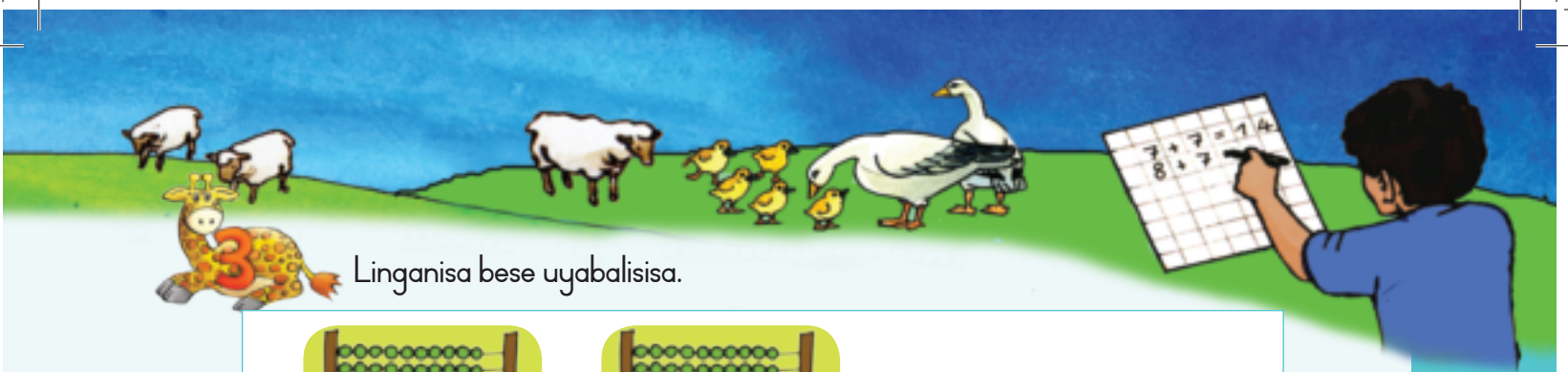
Kulingana na-



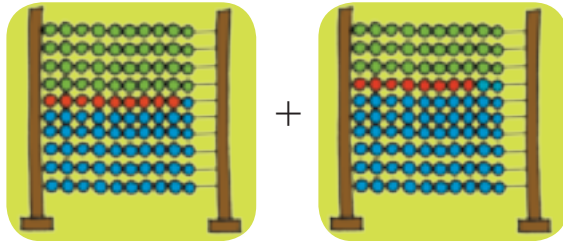
Tlola isibalo esihlanganisako kanye nesikhuphako. Balisisa.



Isibalo esihlanganisako	Isibalo esikhuphako
Isibalo esihlanganisako	Isibalo esikhuphako



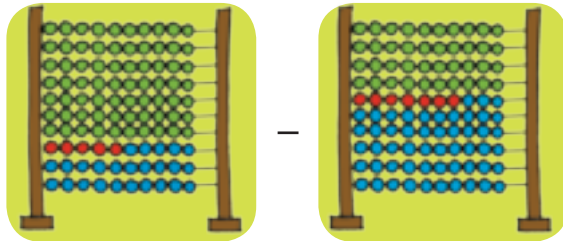
Linganisa bese uyabalisisa.



+

Linganisa

Balisa



-

Linganisa

Balisa



Balisisa usebenzisa indlela yakho.

$$58 + 35$$

$$34 - 26$$



Uyini umphumela weenomboro 74 no-19?

Inani laka-46 no-27

Khupha u-34 ku-72.

Umehluko waka-81 no-36.

Teacher:

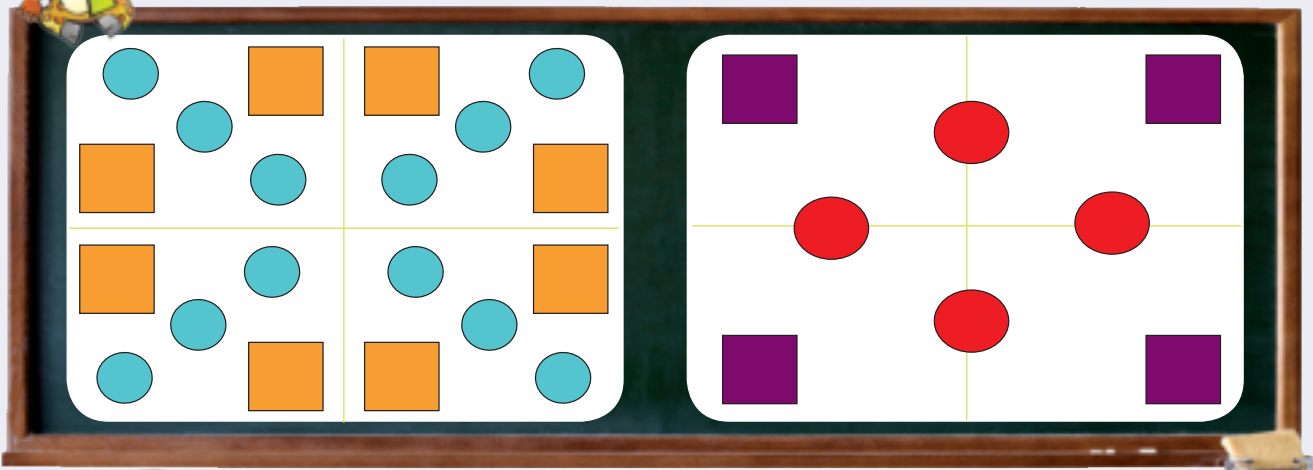
Sign:

Date:

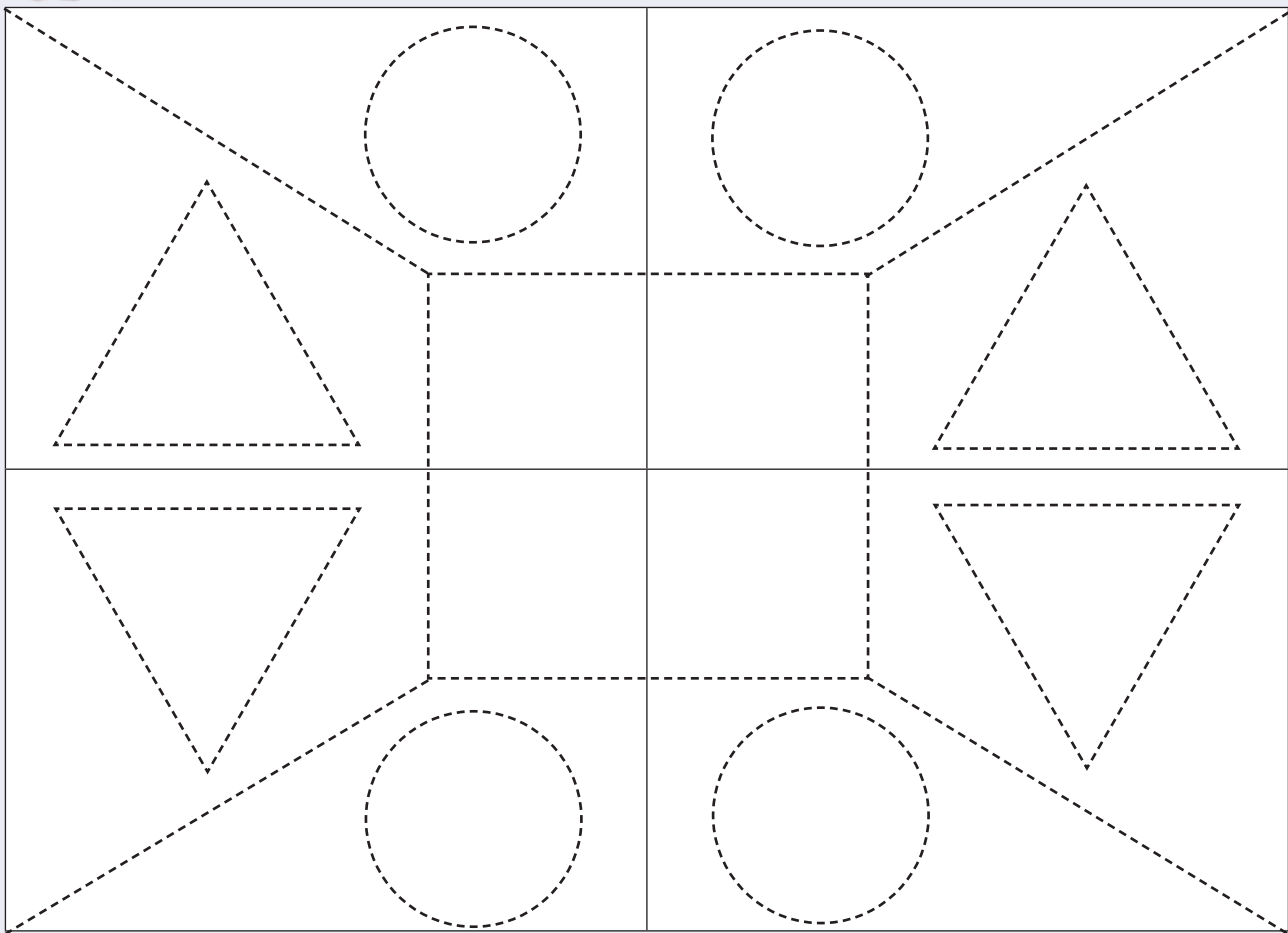
Okhunye ngamaphetheni weenomboro ezinamajamo

Hlathulula iphetheni.

Ithemu 4

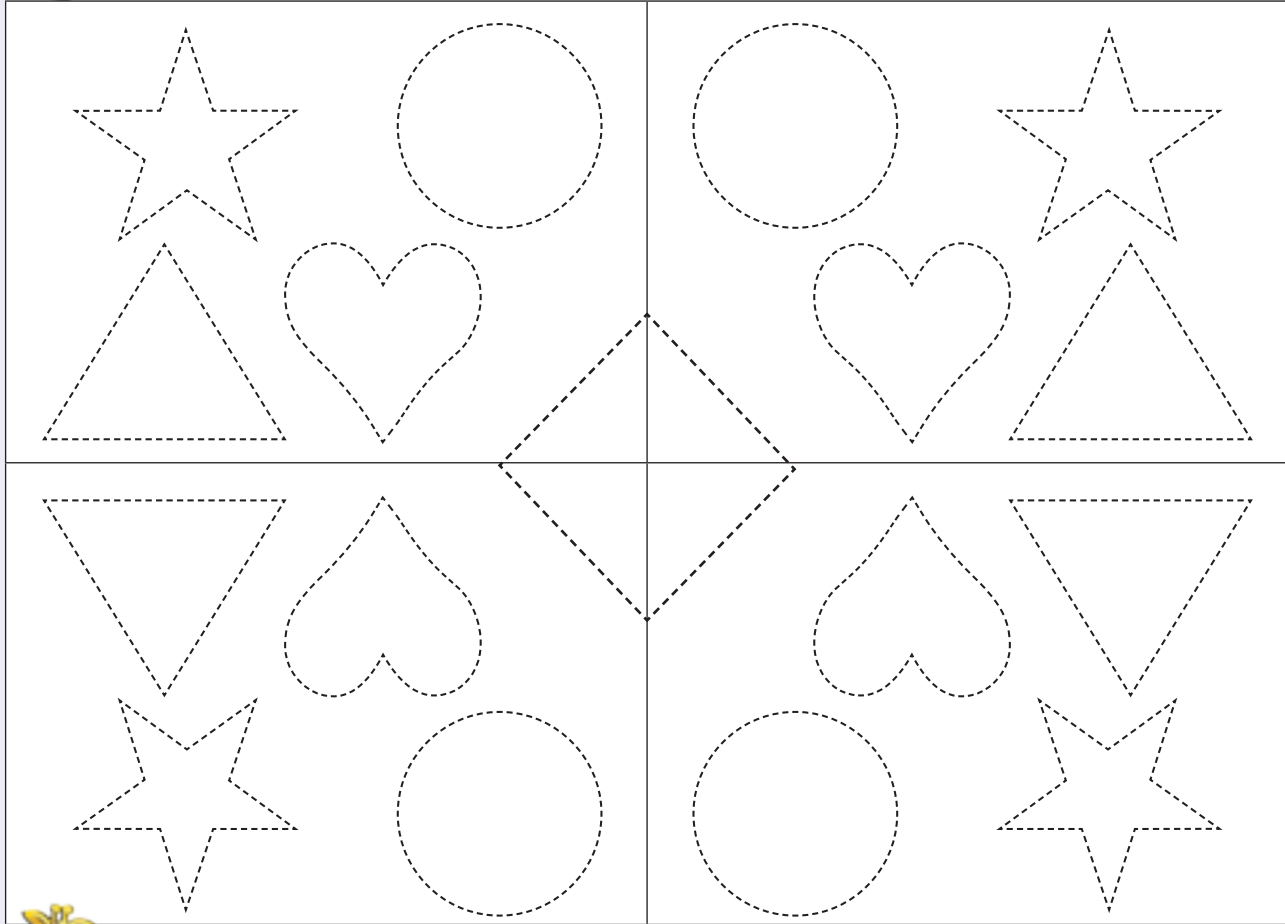


Gadangisa iphetheni bese uyayikhalar.

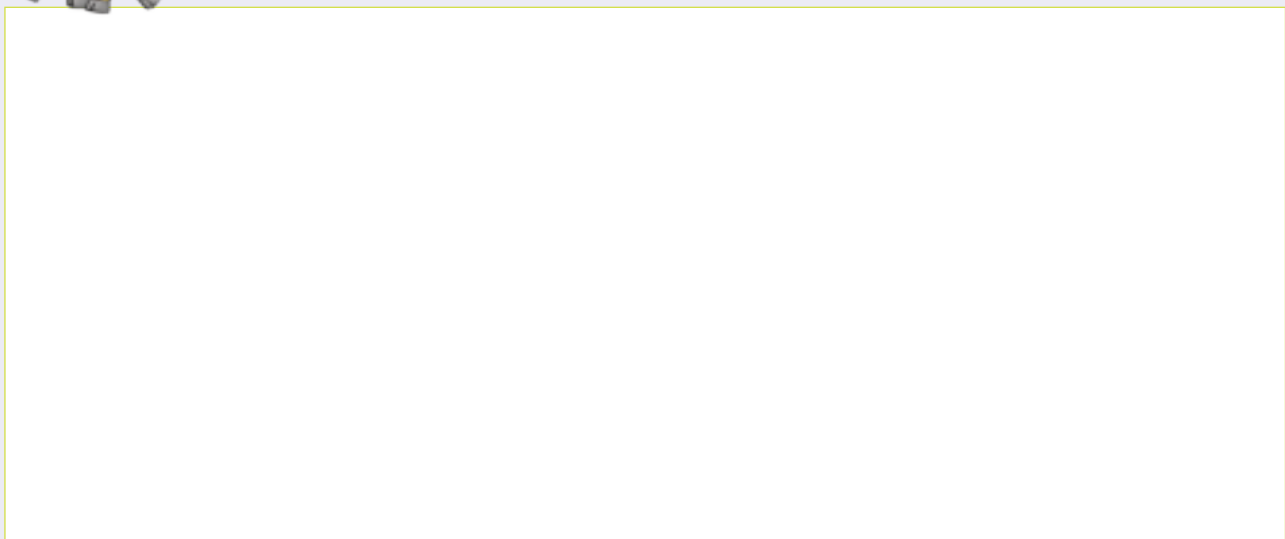




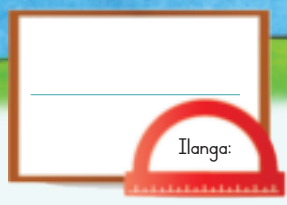
Gadangisa iphetheni bese uyayikhalara.



Zenzele iphetheni yakho usebenzisa amajamo.



Teacher:
Sign:
Date:

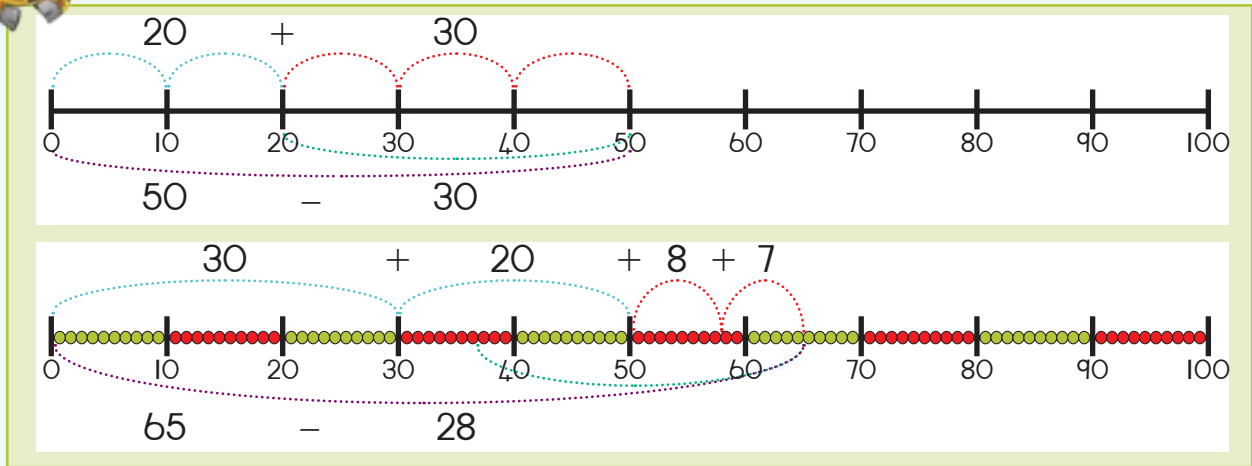


Ukuhlenganisa nokukhupha

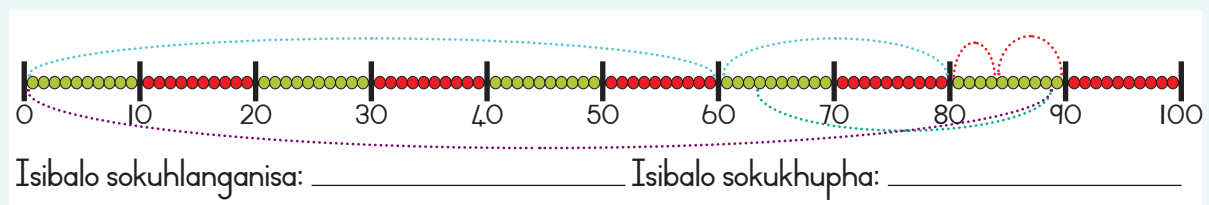
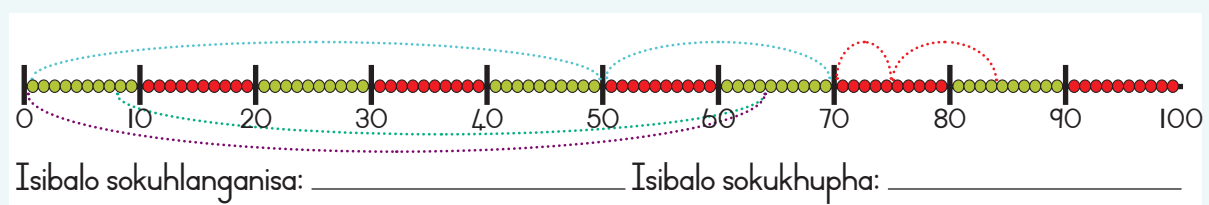
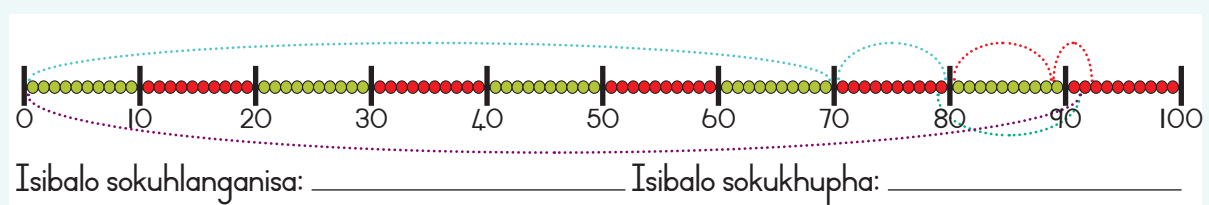
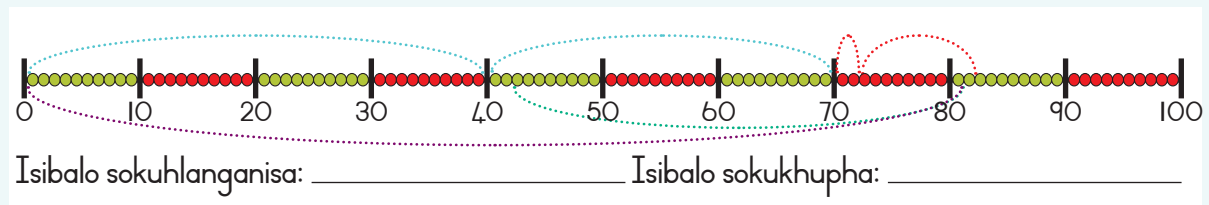
Ithemu 4



Qala amanambalayini. Coca ngawo.

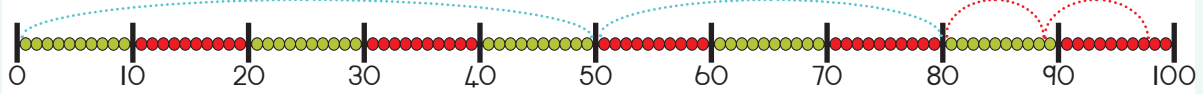


Tlola isibalo sokuhlenganisa nesokukhupha usebenzise amanambalayini.

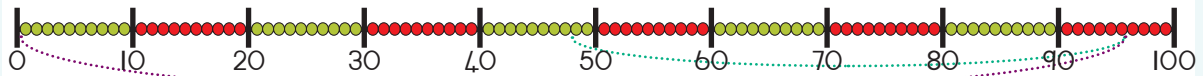




Linganisa bese uyabalisa inani lomncamo.



Linganisa: _____ : Balisa: _____



Linganisa: _____ : Balisa: _____



Balisa usebenzisa yakho indlela.

$$74 + 18$$

$$72 - 43$$



Uyini umphumela waka-82 no-9?

Hlanganisa u-79 no-13.

Khupha u-44 ku-52.

Nawukhupha u-59 ku-98 kusala.

Teacher: _____
 Sign: _____
 Date: _____



Ilanga:

Okhunye ukuhlanganisa nokukhupha

Yenza amahlangothi alingalingane.



$10 + 4 + 5$

$9 + \square + \square$



$90 - 50$

$\square - 20$



Ithemu 4



Qedelela okulandelako:

Okhunye okukodwa ngaphezulu	
6	7
5	
3	
9	
2	
7	
4	
8	

Kutlhayela ngakhunye	
4	3
8	
10	
9	
2	
7	
6	
3	

10 okulitjumi ngaphezulu	
40	50
10	
60	
70	
20	
80	
30	
100	

10 kutlhayela ngetjumi	
40	30
150	
20	
110	
200	
60	
180	
70	



Qedelela amadayagramu alandelako.

25

199

37

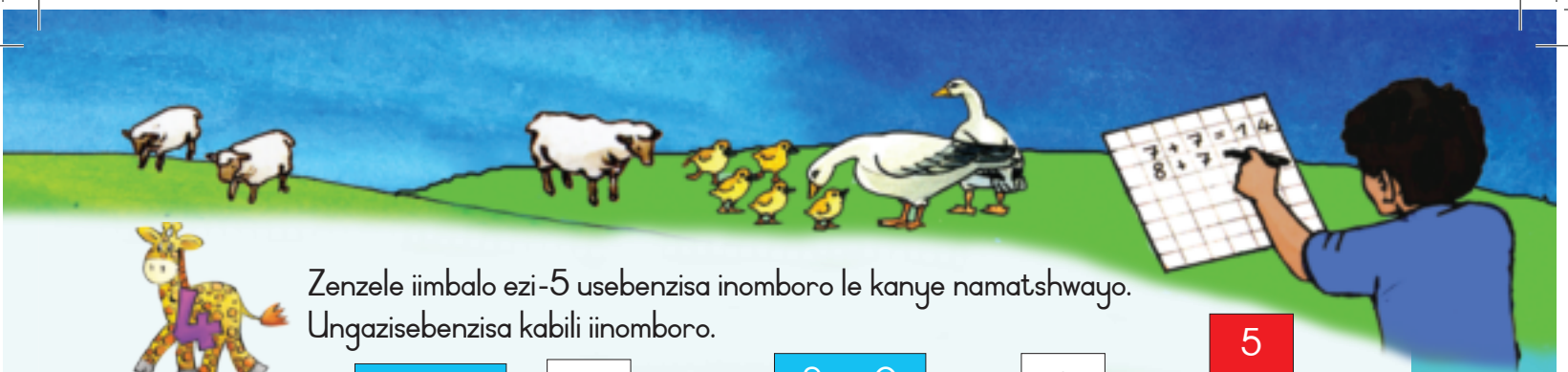
89

+100

175

163

-100



Zenzele iimbalo ezi-5 usebenzisa inomboro le kanye namatshwayo. Ungazisebenzisa kabili iinomboro.

$90 - 20 = 70$
 $100 - 4 = 96$
 $20 + 30 = 50$



Qala iinomboro bese wenza Iimbalo ezinengi zokukhupha nanyana zokuhlanganisa ezinependulo etlolwe ebhodini, isib. $3 + 4 = 7$.

Yini ukuhlanganisa?

2 6 5 7
4 7 3 8 9

Yini ukukhupha?

4 9 7
5 8 10
6 2 8 3



Bala okulandelako usebenzisa yakho indlela. Tjengisa koke lapha ubale khona.

$48 + 36$	$85 - 59$
-----------	-----------



Rarulula isibalo samagama. Yenza umgwalo ukutjengisa ipendulo yakho.

Ngizibulungele i-R42, ubaba wase ungipha i-R29. Ingabe nginamalini seyiyoke?	Ngina-R78, ngithenga iincwadi zeR34. Ingabe ngisele namalini?
--	---

Teacher: _____

Sign: _____

Date: _____



Amabumbeko anobujamo 3-D

Ilanga: _____

Ithemu 4

Akuphi amabhoksi, iimbholo kanye namasilinda?

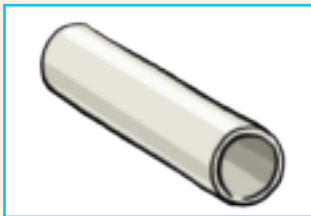


Yitjho nangabe libhoksi, yibholo nanyana isilinda.













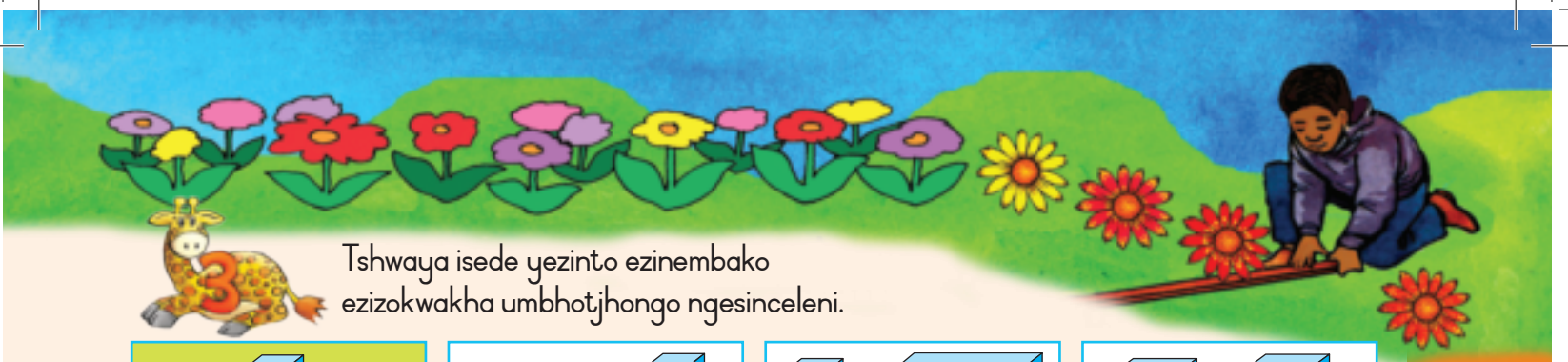


Thola isithombe salokhu bese unamathisela lapha:

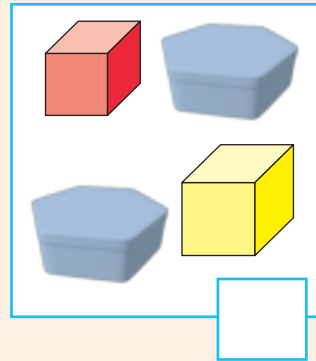
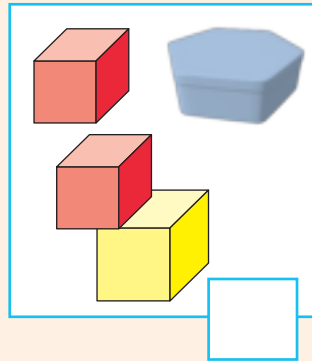
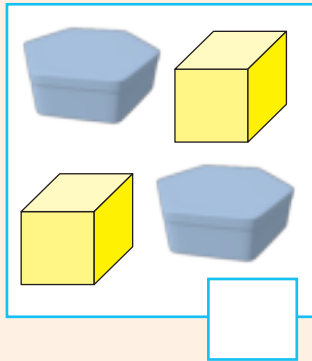
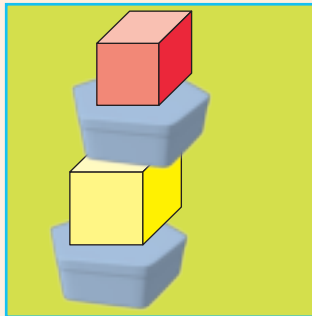
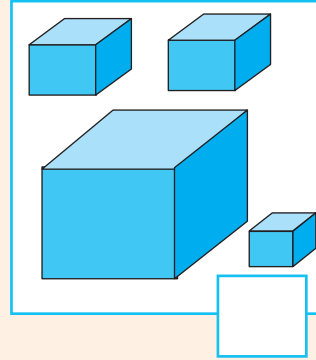
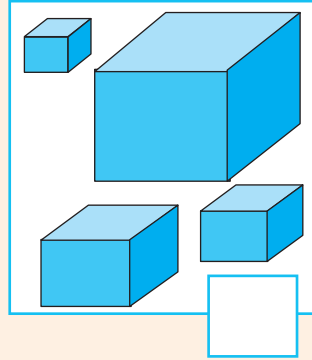
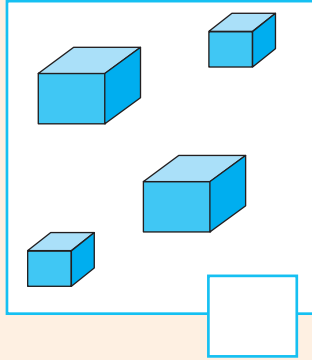
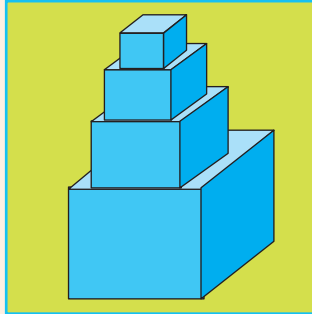
Ibholo

Ibhoksi

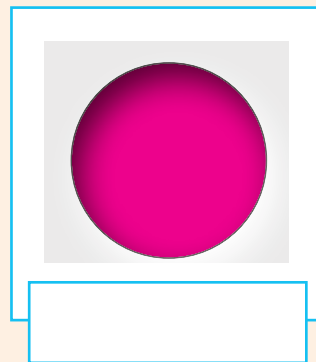
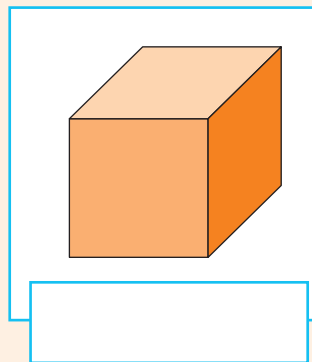
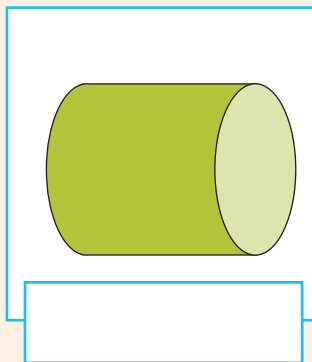
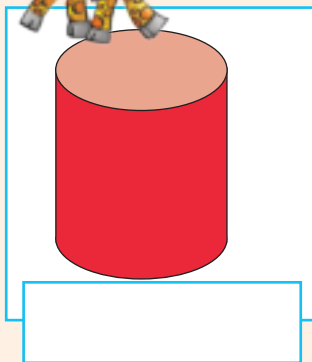
Isilinda



Tshwaya isede yezinto ezinembako ezizokwakha umbhotjhongo ngesinceleni.



Yitjho kobana lokhu kuzokugedeka nanyana kuzokutjhelela na.



Kwenu nanyana eduze kwakho kunento ebonakala njengalokhu:

- Isilinda
- Ibholo
- Amabhoksi



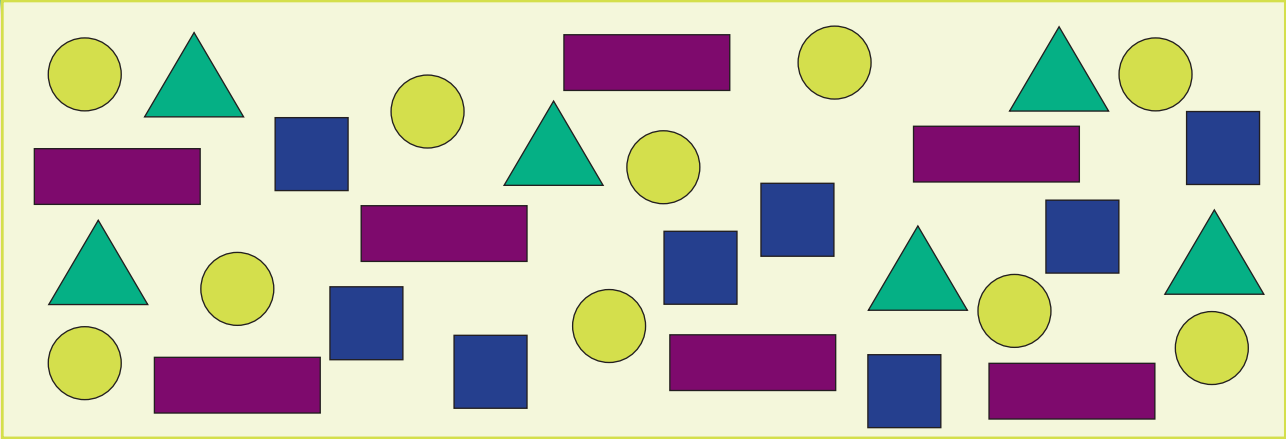
Teacher: _____
 Sign: _____
 Date: _____



Ilanga: _____

Idatha engezelelweko

Ithemu 4



Hlela kuhle amabumbeko. Gwala wakho umgwalo ukhombise ama-phikthografu ahlekileko. Tlola inani elifaneleko ngebhoksini ngalinye.

Circle shape

Square shape




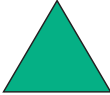
Triangle shape

Rectangle shape







Gwala iphikthografu enamabumbeko ahlekileko.

ISIYELELISO:



Khalara amabhlogo ukuze uqedelele ibhagrafu yakho.

Zingaki iijingi ezilapho?

Zingaki iinkwere ezilapho?

Mangaki amarekhtengele alapho?

Bangaki aboncantathu abalapho?



Teacher: _____

Sign: _____

Date: _____

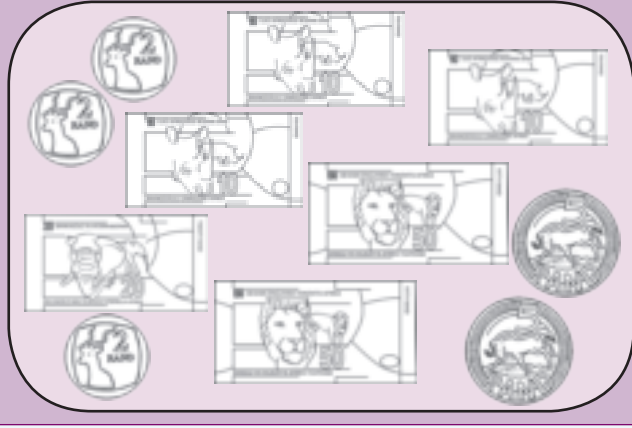


Ilanga: _____

Ukubala imali

Ithemu 4

Khalara imali emumuwa engenza ama-95c. Khalara imali emumuwa engenza ama-R99.



Khalara imali emumuwa ezokunikela inani. Ngilokhu kwaphela okuhlanganisileko.

		Iye	Awa
75c			
85c			
90c			



Khalara imali emumuwa nemali yamaphepha engakunikela inani elilandelako: Ngiyo indlela oyisebenzisileko le.

		Iye	Awa
R87			
R75			
R94			



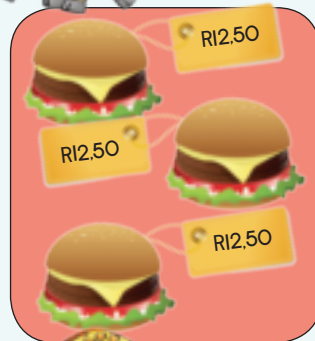
USipho uthenge amabhega amabili.
 Ibhega yinye ibiza amaranda ali-R12,50. Ukhokhe malini?
 Tjengisa imali yamaphepha nemali. Eziinhlamvu ukutjengisa ipendulo yakho.
 Ubuye uyitlole godu njengomutjho weenomboro.



Imitjho yeenomboro: $R12,50 + R12,50 =$



Nangabe uSipho uthenga amabhega amathathu?

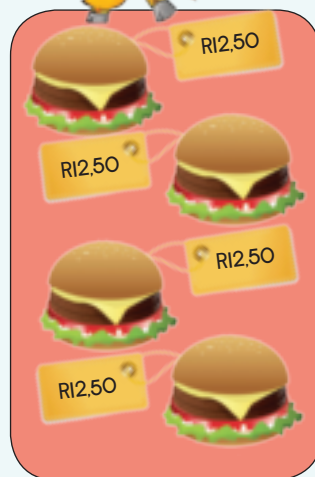


<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Imitjho yeenomboro:



Nangabe uSipho uthenga amabhega amane?



<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"/>

Imitjho yeenomboro:



USipho angathenga amahambhega amangaki ngemali ema-R87,50?
 gwala umgwalo ofana nalo ongehla ukuze ukusize ukurarulula isibalo. Sebenzisa iphepha elinye ngeqadi.



Teacher: _____
 Sign: _____
 Date: _____



Ilanga: _____

Ukurarulula umraro wemali

Ithemu 4

Ngingafunyana ini nange ngithengisa amatjokoleydi? Qala linthombe bese uragela phambili ngephetheni.

Itjhokoledi eli-1



Amatjhokoledi ama-2



Amatjhokoledi ama-3

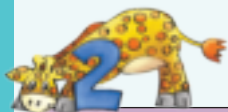


Amatjhokoledi ama-4



USheila uthengisa ama-hotdog nga-R4 lilinye. Qedelela itheyibula ukuze umsize athole amanani amakhulu woku-oda.

Inani lama-hotdog	1	2	3	4	5	6	7	8	9	10
Iinhlamvu zemali										
Inani ngamaranda	R4									



Nangabe uSheila ubiza ama-R5 i-hotdog ngayinye?

Inani lama-hotdog	1	2	3	4	5	6	7	8	9	10
Iinhlamvu zemali										
Inani ngamaranda	R5									



USello usala nomntwana. Ubiza ama-R5 nge-iri. Qedelela itheyibula leli.

Inomboro yama-iri	1	2	3	4	5	6	7	8	9	10
Inani ngamaranda										



USello uqunta ukukhuphula ngokubuyelelwe kabili inani lemali ezokubhadelwa. Tjengisa itheyibula.

Inomboro yama-iri	1	2	3	4	5	6	7	8	9	10
Inani ngamaranda	25	30								



Gwala isithombe utjengise iindleko zakaSelo zokuba yimbelesi ama-iri abu-8 abiza ama-R5 nge-iri.



Ufuna ukuthenga amamafini ali-10. imafini ngayinye ibiza ama-R10. Uzokubhadela malini : Imafini eli-1, ama-2, ama-3, ama-4, ama-5, asi-6, ali-7, abu-8, ali-9, ali-10. Tjengisa isibalo sakho etheyibuleni elisephepheni elinye elingeqadi.



Teacher: _____

Sign: _____

Date: _____



Ilanga: _____

Amabuthelalo nokwabelana

Ithemu 4

Mabhlogo amangaki endulungeni ngayinye hlangana nabentwana?



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

			<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"/>



Yaba amabhlogo hlangana neendulungu.

	<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"/>



Gwala okulandelako. Tlola inani lakho ngokukodwa.

Amabuthelelo wangaku-3 ama-2

+ Hlanganisa inani loke:

× Phindaphinda inani loke:

Amabuthelelo wangaku-4 ali-10

+ Hlanganisa inani loke:

× Phindaphinda inani loke:

Yabelana ngokulingana iimbalisi ezi-12 phakathi kwabantu a-4.

— Khupha inani loke:

÷ Hlukanisa inani loke:

Yabelana ngokulingana iimbalisi ezi-36 phakathi kwabantu aba-3.

— Khupha inani loke:

÷ Hlukanisa inani loke:



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 _____

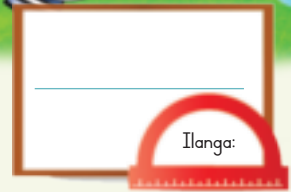


ukwabelana okubuyelelwe kabili

Teacher: _____
 Sign: _____
 Date: _____



Okhunye ngomthamo



Qala iinthombe. Abentwana benza ini?



Amakhezo azokuzalisa ijege kufikela kuphi? Khalara. Sewenzelwe isibonelo.

Kuzokwenzeka ini nangabe uthela amakopi asi-6 ngejegeni yokumeda?



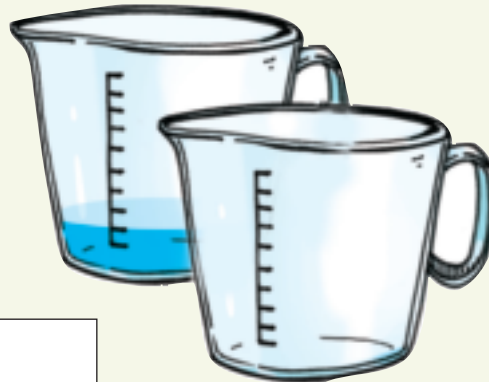
Utlhoga amakopi amangaki ukuzalisa:

Injege ezi-2 _____ Injege ezi-3 _____
 Injege ezi-4 _____ Injege ezi-5 _____



Utlhoga amanye amakopi amangaki ukuzalisa ijege nanyana iin-jege wokumeda?

2



Funyana iinthombe zeemumathi ezingamumatha isilinganiso esingaba li-litha eli-1, amalithama ama-2 kanye namalitha ama-5. Zinamathisele lapha nanyana ngaphakathi kwencwadi. Zinamathisele kusakela emumathini ezingamumatha okunengi ukuya emumathini ezingamumatha okuncani.



Teacher: _____

Sign: _____

Date: _____



Ilanga: _____

Amanye amaphetheni

Ithemu 4



Beka amakarada ngokulandelana. Thoma ngamakhulu uyokuqedelela ngamancani, bese uthoma godu ngamancani uye kamakhulu.

5	3	8	1	9	7	6	2	4	
61	66	64	69	62	68	67	63	65	
136	132	140	138	131	135	133	137	134	139



Zalisa ngenomboro etlhayelako.

Number sequence puzzles using various shapes:

- Squares:** 103, 104, [], [], [], 108, [], [], []
- Circles:** [], 142, 144, [], [], 150, [], [], []
- Triangles:** [], [], [], 103, 106, 109, [], [], []
- Stars:** 124, 128, 132, [], [], [], [], []
- Diamonds:** [], [], [], 95, 105, [], 115, [], []



Qedelela ukubala okulandelako uye emuva.

128	126	124			118				
160	157	154							
200	195	190							

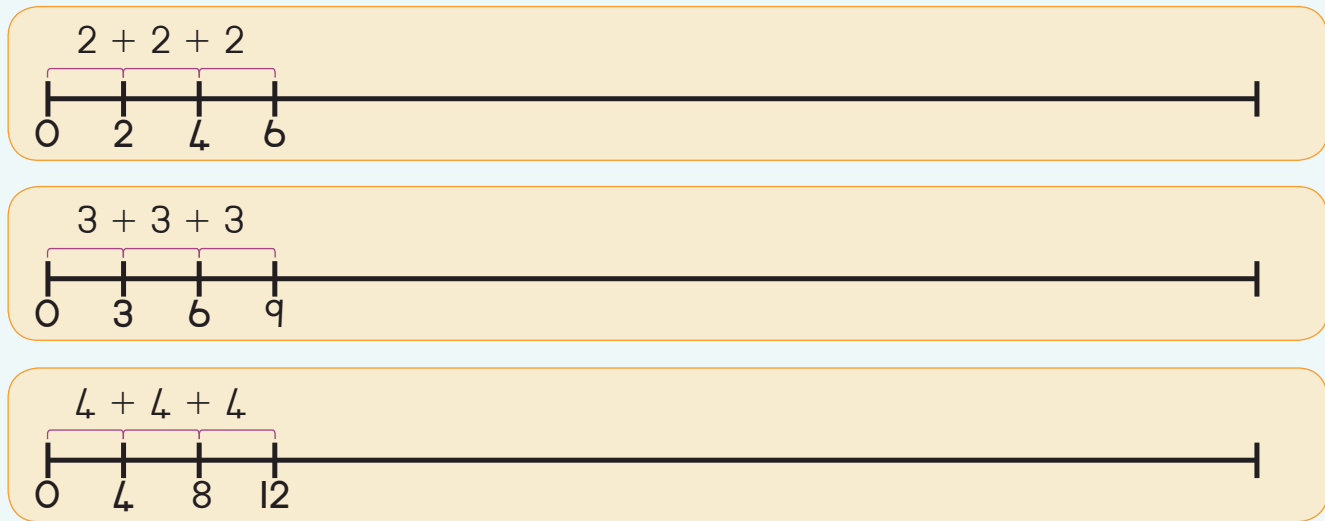


Qedelela okulandelako.

100, 102, 104, _____, _____, _____, _____
 160, 155, 150, _____, _____, _____, _____
 115, 118, 121, _____, _____, _____, _____
 200, 190, 180, _____, _____, _____, _____



Qedelela inambalayini.



Sibala ngangaki?

4 8 16	20 12	2 8 10	14 12 4	6	5 25 30	15 20 10	3 15 18	21 6 12
--------------	----------	--------------	---------------	---	---------------	----------------	---------------	---------------

Teacher: _____
 Sign: _____
 Date: _____



Ukubuyabuyelela ngaku-3

Ilanga: _____

Ithemu 4

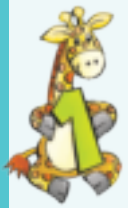
Zoke iinyamazana zineenyawo ezine.

Zoke iinyamazana zineendlebe ezimbili.



Lithini inani loke leenyawo esithombeni?

Lithini inani loke leendlebe esithombeni?



Qala isithombe bese uqedelela okulandelako:

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

Inani lamakhondlo Iinyawo isilwana ngasinye



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

Inani lamakhondlo Iindlebe inyamazana ngayinye







Qedelela okulandelako:

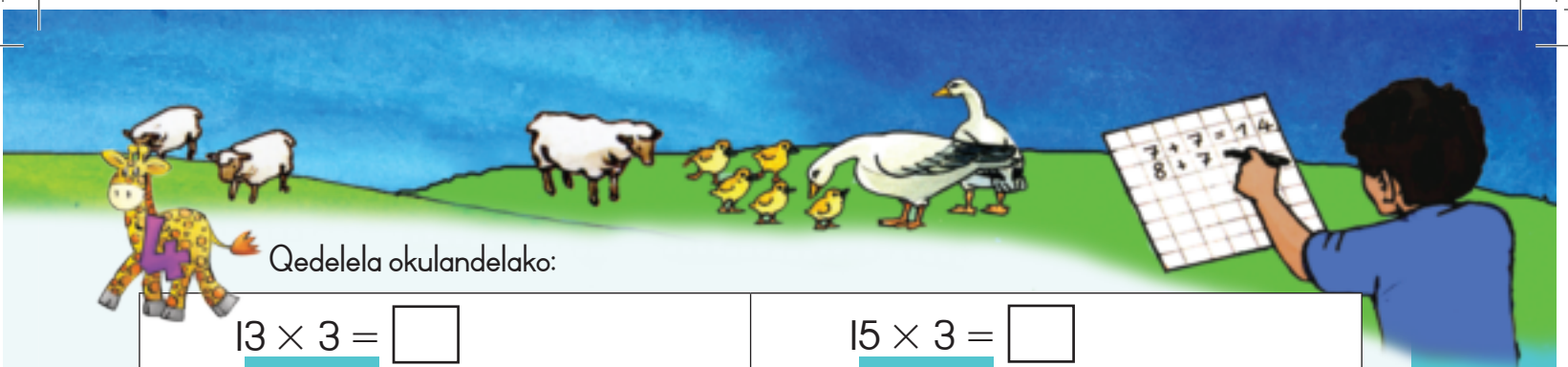
3	6	9							
---	---	---	--	--	--	--	--	--	--

30	27	24							
----	----	----	--	--	--	--	--	--	--



Qedelela okulandelako:

$5 \times$  = <input type="text"/> ama-apula	$4 \times$  = <input type="text"/> amabhanana
$6 \times$  = <input type="text"/> amabhanana	$7 \times$  = <input type="text"/> ama-apula



Qedelela okulandelako:

$$\begin{aligned}
 13 \times 3 &= \square \\
 10 + 3 &\times 3 \\
 = 10 + 3 &\times 3 \\
 = 10 \times 3 + 3 &\times 3 \\
 = 30 + 9 & \\
 = 39 &
 \end{aligned}$$

$$\begin{aligned}
 15 \times 3 &= \square \\
 10 + 5 &\times 3 \\
 = \square + \square &\times \square \\
 = \square \times \square + \square &\times \square \\
 = \square + \square & \\
 = \square &
 \end{aligned}$$

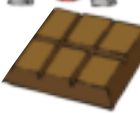


Abangani ababili bawisa iinkhwama zeempensela zabo. Ngaphakathi kweenkhwama zabo banezinto zokutlola ezifanako. Basize bazibuthe.




Qedelela lokhu:

Yabela abentwana aba-2 itjhokoledi ngokulingana.



Omunye nomunye ufunyana

Yabela abentwana aba-3 amathofi ali-15 ngokulingana.



Omunye nomunye ufunyana



Gwala iinthombe ukuze utjengise iimpindulo zakho.

Gwala isithombe utjengise okulandelako. Yabela abentwana aba-3 iimpensela ezili-9 ngokulingana.

Omunye nomunye ufunyana

Yabela abentwana aba-3 amakhrayoni ali-16 ngokulingana. Azobakhona asalako na?

Omunye nomunye ufunyana

Teacher:

Sign:

Date:



Ilanga: _____

Ukubuyabuyelela okuvangileko

Ithemu 4

Qala lokhu okulandelako, ubona ini?

$5 + 5 + 5 = 15$

Oku-3 okunengi ka-5 = 15 Amabuthhelelo ama-3 wangaku-5 = 15

Oku-3 okubuyabuyelelwe ka-5 = 15

$3 \times 5 = 15$
 $5 \times 3 = 15$



Qedelela itheyibula elingenzasi. Isibonelo ngiso esizokuhlala.

Ukubala ngokweqa	Amabuthhelelo alinganako	Ukuhlanganisa okubuyelelweko	Ukuhlela	Amaqiniso
3, 6, 9, 12		$3 + 3 + 3 + 3$	Imida emi-3 yangaku-4 	$3 \times 4 = 12$ $4 \times 3 = 12$
		$4 + 4 + 4$		
				$6 \times 5 = 30$ $5 \times 6 = 30$
2, 4, 6, 8, 10, 12				



Ungenza masinya kangangani ukuqedelela lokhu?

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

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



Phendula imibuzo elandelako. Khuyini:

Okune okubuyabuyelelwe kahlanu	
Isithandathu esibuyabuyelelwe ka-6	
Isithandathu esibuyelelwe ka-5	
Oku-2 okubuyelelwe ka-4	
Oku-8 okubuyelelwe ka-2	



Zaliselela ngenomboro.

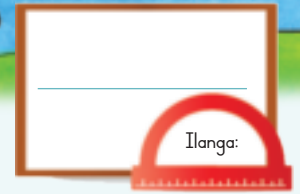
Amabuthhelelo ama-3 wangaku-2 kulingana ne-6 nanyana $3 \times 2 = \square$	
Amabuthhelelo ama-4 wangaku-3 enza-12 nanyana ku-4 kubuyabuyelelwe ka-3 kwenza-12 nanyana nje kufana nokuthi $4 \times 3 = \square$	
Amabuthhelelo asi-6 wangaku-3 enza-18 nanyana isi-6 nasibuyabuyelelwe ka-3 kwenza-18 nanyana isi-6 $\times \square = 18$	

Isibalo: Kuneembalisi ezintathu emudeni ngamunye. Kunemida emine. Ziimbalisi ezingaki nasele zizoke? Gwala isithombe ukuze utjengise ipendulo yakho.

Teacher: _____

Sign: _____

Date: _____



Okhunye ukubuyabuyelela

Ithemu 4



Qala isibonelo.



Yini ukubuyabuyelela.

25 - 10 - 2013

$4 \times 2 = 8$

$3 \times 4 = 12$

$4 \times 5 = 20$

$2 \times 6 = 12$

Uyini umphumela waku-2
nawumbuyelela kali-7.

$1 \times 5 = 5$

$2 \times 5 = 10$

$3 \times 5 = 15$

$4 \times 5 = 20$

$5 \times 5 = 25$

$6 \times 5 = 30$

$7 \times 5 = 35$

$8 \times 5 = 40$

$9 \times 5 = 45$

$10 \times 5 = 50$

Qedelela:

	1	2	3	4	5	6	7	8	9	10
$\times 2$	2	4	6							

Sebenzisa indlela yakho ukunikela umphumela.

12×2

16×2

Qedelela:

	1	2	3	4	5	6	7	8	9	10
$\times 3$	3	6	9							

Sebenzisa indlela yakho ukunikela.

13×3

15×3



Qedelela:

	1	2	3	4	5	6	7	8	9	10
$\times 4$	4	8	12							

Sebenzisa indlela yakho ukunikela umphumela.

11×4	14×4
---------------	---------------

Qedelela:

	1	2	3	4	5	6	7	8	9	10
$\times 5$	5	10	15							

Sebenzisa indlela yakho ukunikela umphumela.

12×5	16×5
---------------	---------------



Ngemigodleni kunama-orentji ali-12. Kuzokuba nama-orentji amangaki:

Ngemigodleni emi-4? Ngemigodleni emi-5? Ngemigodleni emi-3? Ngemigodleni emi-2?

Teacher: _____

Sign: _____

Date: _____

Amalanga weveke

Ilanga: _____

Ithemu 4



Lungisa amaledere wamalanga weveke.

NEBGELSILII

NSGOEDNO

MONOUVLG

GTLHESAITHUNE

ENESGEINL

LNQGEOMGIBO

HNIALESGLNEU



Qedelela ngamalanga atlhayelako:

NgoMvulo		Ngelesithathu	
NgeSondo		NgeLesibili	



Tlola amalanga weveke.

NgeSondo						
----------	--	--	--	--	--	--



Malanga amangaki ukusuka:

NgoMvulo ukuya ngeLesine? _____

NgeLesibili ukufika ngeLesihlanu? _____

NgeLesine ukufika ngoMgqibelo? _____



Kunamalanga amangaki hlangana:

KoLesibili kanye noMgqibelo? _____

KoLesithathu no Lesihlanu? _____

KoLesine no Sondo? _____



Iinyanga zomnyaka



Lungisa amaledere weenyanga zomnyaka ngefanelo.

NAJARIBA	FEWARIBHER	YILAJU	KTOOBA
VENOMBA	TJHIMA	SIARHO	NIJU
SEDIMBA	YIME	LIPREA	PTESEMBA



Iinyanga enye nenye inamalanga amangaki?

UJanabari 31	UFebherwari	UMatjhi	U-Apreli
UMeyi	UJuni	UJulayi	U-Arhosi
USeptemba	U-Oktoba	UNovemba	UDisemba



Zalisa ngenyanga enembako.

Khumbula kobana amabizo weenyanga kumele athome ngegabhadlhela.

Ngijiphi inyanga eza ngaphambi kwakaMatjhi? _____

Ngijiphi inyanga eza ngemva kwakaJuni? _____



Nangabe nguJulayi, ziinyanga ezingaki ngaphambi ko:

USeptemba? _____

Kwelanga lakho lamabeletho? _____

Teacher: _____
Sign: _____
Date: _____



Amalanga, iimveke kanye neenyanga

UDisemba 2015

USondo	UMvulo	ULesibili	ULesithathu	ULesine	ULesihlanu	UMgqibelo
	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			



Qala ikhalenda bese uphendula imibuzo:

Ilanga lamhla ali-01 kuDisemba lingeesingaki? _____

Ilanga lamhla ali-15 kuDisemba lingeesingaki? _____

Ilanga lamhla ama-24 kuDisemba lingeesingaki? _____

Ilanga lamhla ali-12 kuDisemba lingeesingaki? _____



Phendula imibuzo elandelako:

Inyanga yakaDisemba inamalanga amangaki? _____

Inyanga yakaDisemba ineemveke ezingaki? _____

Iveke inamalanga amangaki? _____

Iinkolo zivalwa nini ngenyanga yakaDisemba? _____

Kwenzekani ngelanga lamhla ama-25 kuDisemba? _____

Kwenzekani mhla amalanga ama-31 kuDisemba? _____

Ngiliphi ilanga eliza ngemva kwelanga lamhla ama-31 kuDisemba? _____



Khalara zoke iinomboro ezingalingalinganiko ngombala osarulani ekhalendeni.

Ngikuphi okutshwayako? _____








Khalara zoke iinomboro ezilingalinganako ekhalendeni ngombala obovu.

Ngikuphi okutshwayako? _____



Qedelela ikhalenda. zalisa umnyaka kanye namalanga (idadamu).

Ngo-Apreli ____

USondo	UMvulo	ULesibili	ULesithathu	ULesine	ULesihlanu	UMgqibelo
						
						
						
						
						










Ngiliphi ilanga kanye nedadamu?

	Idadamu	Ilanga
		
		
		
		
		
		
		



Malanga amangaki ukusuka:

	Ukufika ku:		
	Ukufika ku:		
	Ukufika ku:		
	Ukufika ku:		



Teacher: _____

Sign: _____

Date: _____

Amanye amaphetheni weenomboro

Ilanga:

Ithemu 4

Hlathulula enye nenye iphetheni ebhodini.

101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200



Qedelela iphetheni.

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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200



Ingabe inomboro **iyalingalingana** nanyana **ayilingalingani**?
 Sekela inomboro **elingalinganako** nanyana **engalingalinganiko**.

4	19	21
lingalingani lingalingana	lingalingani lingalingana	lingalingani lingalingana
26	20	18
lingalingani lingalingana	lingalingani lingalingana	lingalingani lingalingana



Zalisa iinomboro ezitlhayelako ukuqedelela iphetheni ebuyelelweko.

33, 39, 33, , 33, 39, 33, 39

96, 74, 96, 74, 96, 74, 96,

38, 45, 38, 45, , 45

49, 5, 46, 20, 49, 5, , 20, 49, 5, 46, 20, 49, 5, 46

, 78, 21, 11, 78, 21, 11, 78, 21, 11

Gwala iinomboro ngombala ukukusiza kobana urarulule isibalo.



Zalisa iinomboro ezitlhayelako ukuqedelela iphetheni ebuyelelweko.

55, 21, 19, 63, 55, 21, 19, 63, 55, 21, 19, 63, 55, 21, 19,

18, 28, 36, 18, 28, 36, 18, 28, 36, 18, 28, 36, 18,

11, 76, 11, 76, 11, 76, 11, 76,

60, 91, 94, 60, 91, 94, 60, 91, 94, 60,

28, 47, 78, 28, 47, 78, 28, 47, 78, 28, 47, 78, 28,



Teacher: _____
 Sign: _____
 Date: _____



Ukwabelana ngokulingana bekufike emacezwini

Ilanga:

Ithemu 4



Yabelana ngesitinyana setjhokoleli, bese uyatjho kobana umntwana ngamunye uzokufunyana zingaki.



Kwanjisi yabela abentwana abathathu iintinyana zamatjhokoleli ezi-6.



Tjengisa ipendulo yakho ngokwenza umgwalo ngenzasi.



Unamakhekhana wangeenkomitjini ama-3 Yabela abangani bakho aba-4 ngokulingana.



Umntwana ngamunye uthola ingcenyane eyodwa yakuthathu yetjhokoleli.

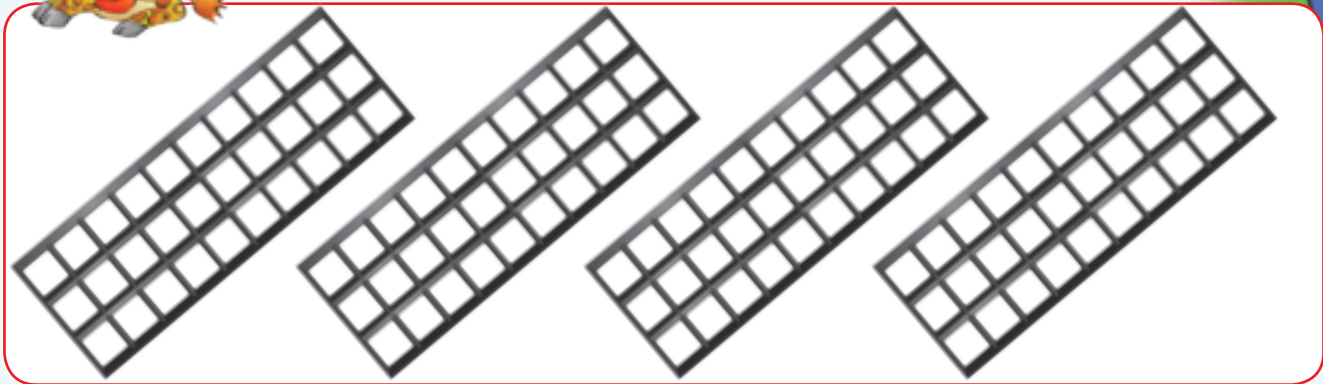
Tjengisa ipendulo yakho ngokugwala umgwalo ngenzasi.

Umntwana munye uzokuthola _____

Yamakhekhana wangeenkomitjini.



Khalara ingcenywe eyodwa yekota ematjhokoledini amane la.

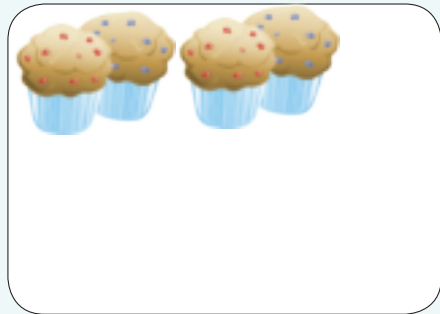
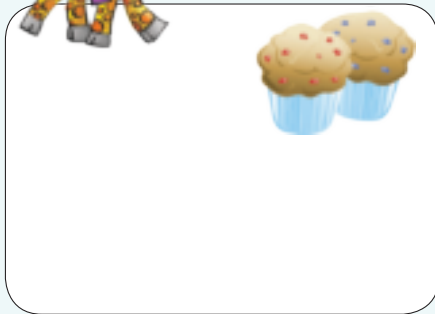


Mabhlogo amangaki wamatjhokoledi enza ikota? _____

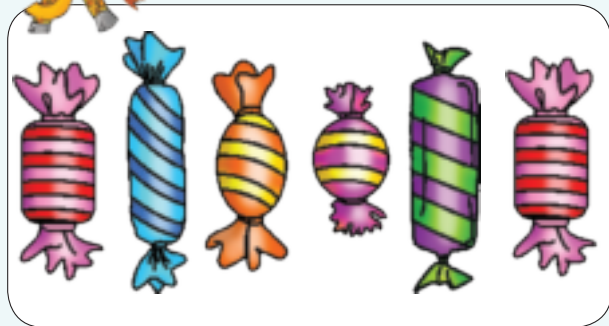
Mabhlogo amangaki wamatjhokoledi enza ingcenywe eyodwa yokwesihlanu? _____



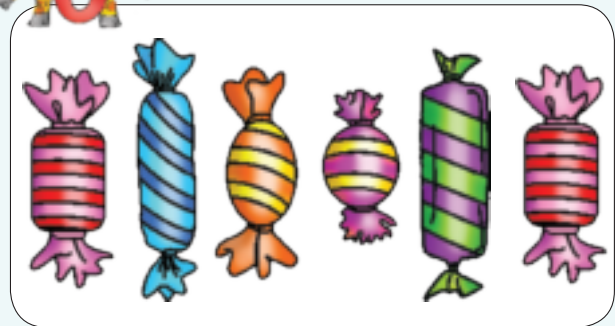
Tjengisa ihafu eyodwa yalokhu okulandelako.



Tjengisa ingcenywe eyodwa yecezu lokwesithathu yamaswidi



Tjengisa ingcenywe eyodwa yecezu lokwesithandathu yamaswidi.



Yabela abangani abane amacezu wetjhokoledi ali-11 ukuze bathole boke ngokulinganako boke kungasali litho.

Teacher: _____
 Sign: _____
 Date: _____

Ubude

Ilanga:

Ithemu 4



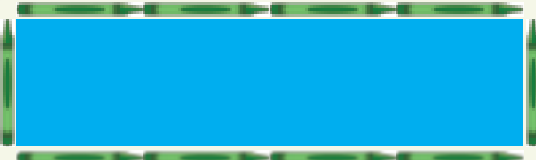
Ngiliphi ihlangothi lakancazine elifitjhani khulu? Elide khulu?



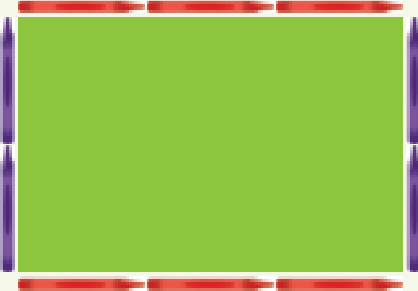
Ihlangothi elide li _____ amakhrayoni.
Ihlangothi elifitjhani li _____ amakhrayoni.



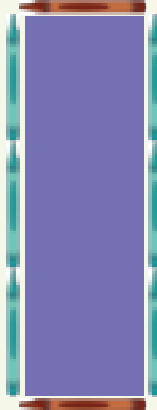
Phendula okulandelako.



Ihlangothi elide li _____ amakhrayoni.
Ihlangothi elifitjhani li _____ amakhrayoni.



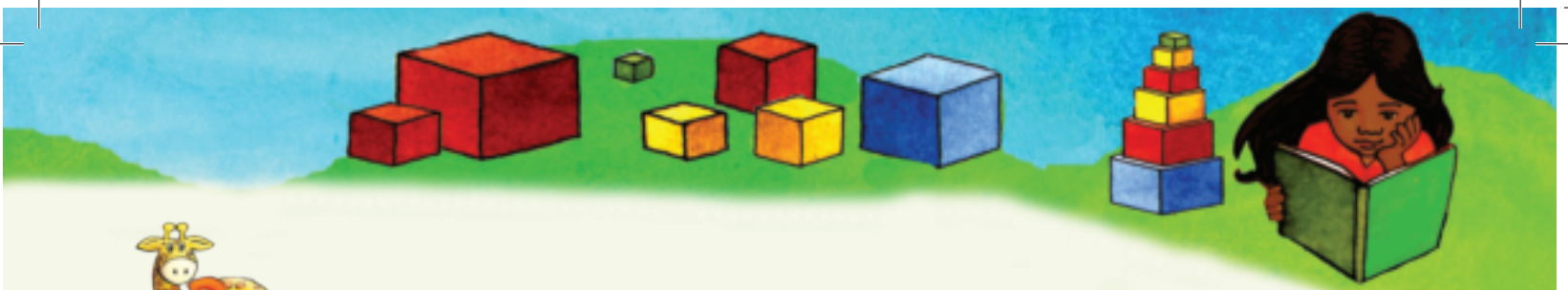
Ihlangothi elide li _____ amakhrayoni.
Ihlangothi elifitjhani li _____ amakhrayoni.



Ihlangothi elide li _____ amakhrayoni.
Ihlangothi elifitjhani li _____ amakhrayoni.



Ihlangothi elide li _____ amakhrayoni.
Ihlangothi elifitjhani li _____ amakhrayoni.



Kuzokuthatha iimbungu ezingaki ukufika eviyaviyaneni?



Teacher: _____
 Sign: _____
 Date: _____

|| 12 13 14 15 16 17 18 19 20

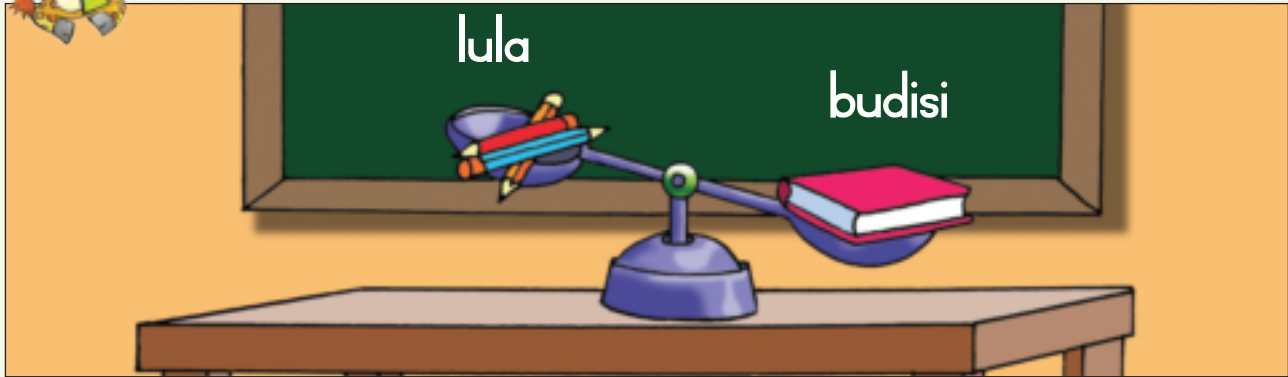
Okubudisi nokulula

Ilanga:

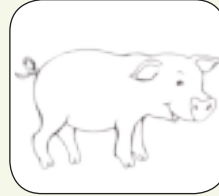
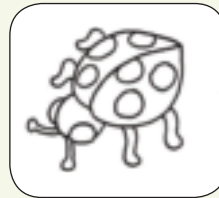
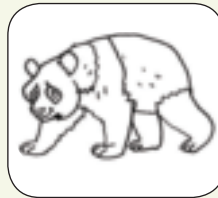
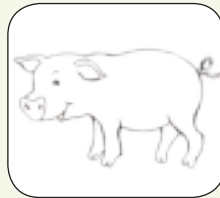
Ithemu 4



Kutjho ukuthini ukuba budisi nokubalula?



Khalara isithombe nanyana iinthombe zezinto ezilula khulu kunezinye ngebhlogweni ngombala ohlaza.



Qala isithombe.

Thola iinthombe zezinto ezihlanu ezibudisi. zinamathisele lapha.



Qala isithombe.

Thola iinthombe zezinto ezihlanu ezilula. zinamathisele lapha.





Yitjho nangabe iinkejili zokulinganisa ziyalingana nanyana azilingani.





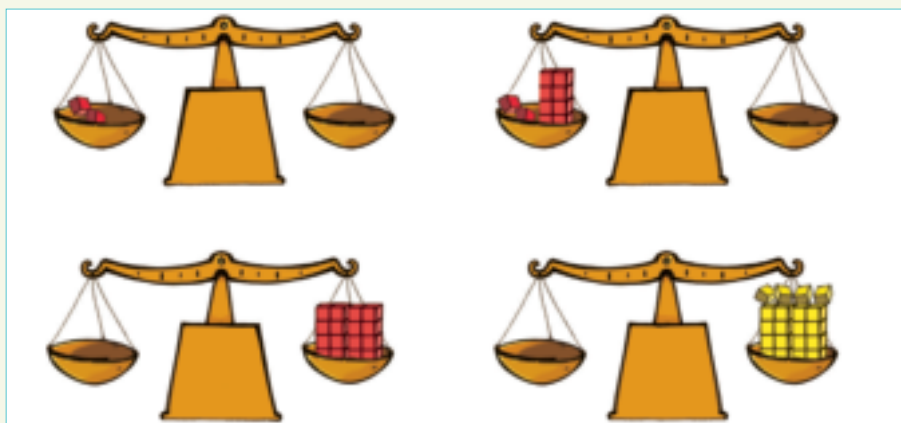
Yenza kobana iinkala zokulinganisa zilingane. Gwala ngaphakathi kweenkali ezinganalitho.



Gwala imigwalo ukwenza iinkala zokulinganisa zibeliqiniso.



Yenza kobana iinkala zokulinganisa zilingane nangabe  =  



Teacher: _____
Sign: _____
Date: _____

Ukwabelana ngokulingana bekufike emacezwini

Ilanga:

Ithemu 4

Yabelana nabangani abathathu ama-apula la.



Munye ufunyana ama-apula amangaki?
Amane

Ngamunye ufunyane amacezu amangaki we-apula? Ingcenye eyodwa yecezu lokwesithathu.

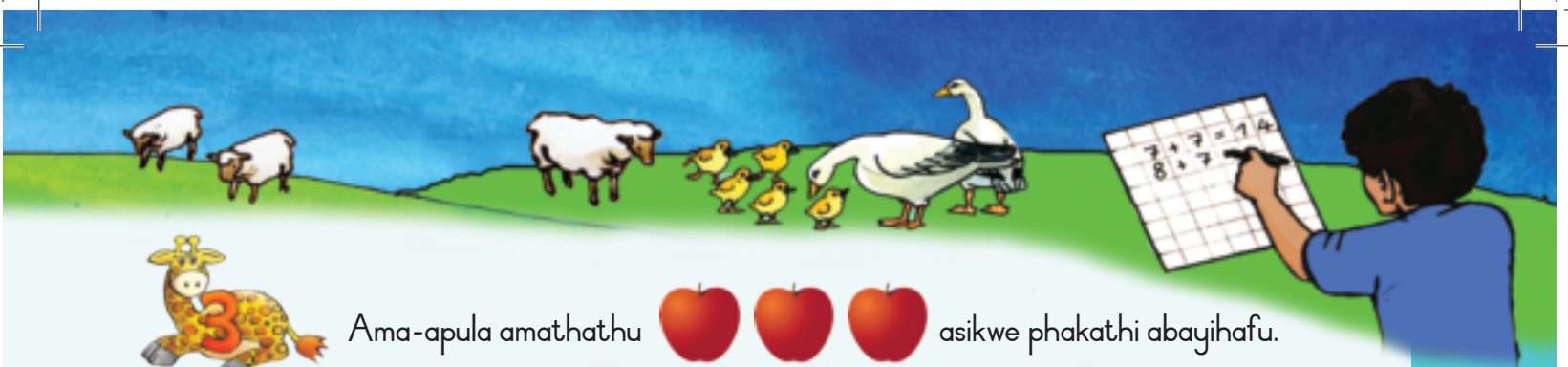


Qala isibonelo ngehla bese uphendula imibuzo elandelako.

- Yabelana nabangani isithelo lesi.
- Yitjho kobana umngani ngamunye uzokuthola amacezu amangaki.



Ugogo unikela uKiki amalamune ali-12. UKiki wenza ijuzi ngengcenywe eyodwa yesithathu yamalamune. Usebenzise amalamune amangaki?

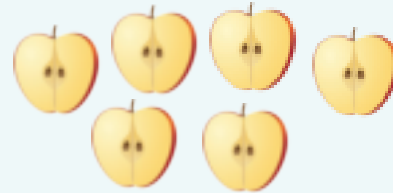


Ama-apula amathathu



asikwe phakathi abayihafu.

Bentwana abangaki ngamunye ongafunyana ihafu eyodwa? _____



Amalamune amane



asikwe aba ziingcezi zokwesithathu.

Bentwana abangaki abangathola incenye yinye yakuthathu? _____



Amakhabe amabili



asikwe aba ziingcezu zokwesithandathu.



Bentwana abangaki abangafunyana icezu elilodwa lokwesithandathu? _____



Umbanduli wenetbholo unikela umdlali ngamunye ihafu yelamune.

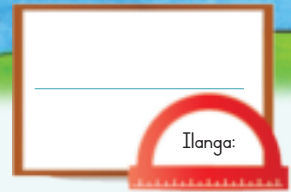
Kunabادلالي aba-14. Utlhoga amalamune amangaki?



Teacher: _____
Sign: _____
Date: _____



Amacezu



Ithemu 4

Umtletlana ngamunye utjho ukuthini? Amagama angesidleni angakusiza.

ingcenywe eyodwa
yokwesithathu

ingcenywe eyodwa
yokwesihlanu

ihafu

ikota

ingcenywe eyodwa
yokwesithandathu



Qedelela lokhu okulandelako.

Abohafu aba-2 bafana _____
okupheleleko.

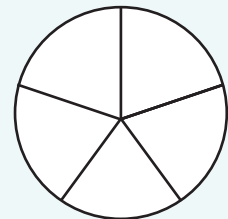
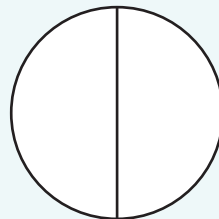
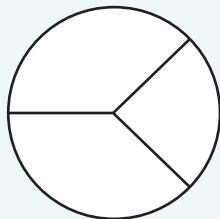
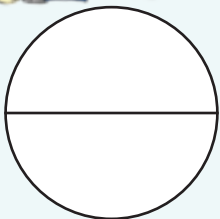
Amakota ama-4 afana _____
okupheleleko.

Iingcenywe ezintathu zokwesithathu
ziyafana _____ okupheleleko.

Iingcenywe ezihlanu zokwesihlanu ziyafana
_____ okupheleleko.



Khalara lokhu okulandelako. Ngikuphi okuyelelako?





Yitjho kobana ubujamo ngabunye obufiphaziweko bulicezu liphi lobujamo. Tlola ngamagama.

ihafu



Gwala amabumbeko ukuze utjengise lokhu. Sebenzisa iinkwere, amarekhthengela kanye neendulunga.

ingcenywe eyodwa yokwesithathu

ihafu

ikota

ingcenywe eyodwa yokwesihlanu

Buza umma wakho nanyana umthlogomeli wakho kobana yena uyokuthenga ini:

- Ihafu eyodwa:
- Ingcenywe eyodwa yokwesithathu:
- Ikota eyodwa/Ingcenywe eyodwa yokwesine:
- Ingcenywe eyodwa yokwesithandathu:

Teacher: _____

Sign: _____

Date: _____



Okunengi ngamacezu

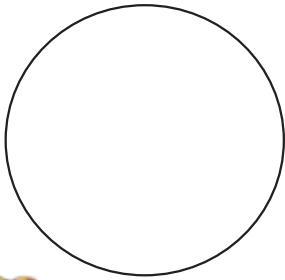
Ilanga:

Wena ungakhetha icezu kiliphi ikhekhe? Kubayini

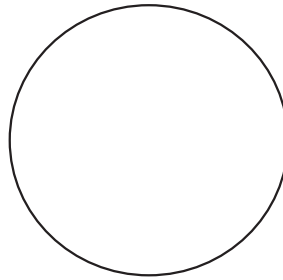


Umngani wakho ukubawe bonyana uhlukanise ipitsa ngamacezu alinganako. Yenza umgwalo ukuze utjengise yinye.

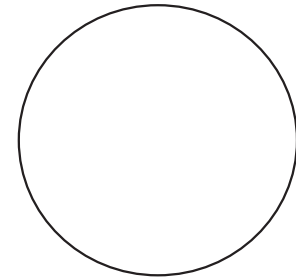
Abohafu



Okukodwa kokuthathu



Amakota



Thika ipendulo enembako.

Wena nomngani wakho nidle amacezu amabili wabohafu wepizza. Udle kangangani?

- Ingcenywe eyodwa yehafu yepizza nanyana
- ipizza eyodwa epheleleko?

UThabo, uSipho noJohn badle ingcenywe eyodwa yokwesithathu yepizza. Badle ipizza engangani?

- Ingcenywe eyodwa yokwesithathu yepizza nanyana
- ipizza epheleleko?

ULindi, uSusa, uLerato noPalesa badle ipizza epheleleko yoke. Badle kangangani?

- Ikota eyodwa nanyana
- amakota amane?

Phendula imibuzo elandelako:

- Nangabe ngihlukanisa ipizza ngamacezu wokwesihlanu, sizokudla amacezu wokwesihlanu wepizza amangaki wokupheleleko? _____
- Nangabe ngihlukanisa ikhekhe amacezu wokwesithandathu, sizokudla amacezu amangaki wokwesithandathu ukuze sidle ikhekhe elipheleleko? _____



Isiqhema ngasinye sabangani sithola ipakana encani yamajeli tots.



Isiqhema	1	2	3
Abentwana esiqhemeni	2	3	4
Umngani ngamunye uzokufunyana amajeli tots amangaki nangabe amajeli tots abiwa ngokulingana?			
Thika isiqhema ofuna ukuba kiso. Kubayini?			
Kuzokuba maswidi amangaki kilokhu okulandelako? Ubona ini?	Iingcenywe ezimbili zabohafu	Iingcenywe ezintathu zokwesithathu	Amakota amane



Khalara icezu elifana patsi nokukodwa okupheleleko.

Amakota amane

Iingcenywe ezimbili zamakota

Iingcenywe eyodwa yokwesithathu

Iingcenywe ezintathu zamakota

Ihafu eyodwa

Ikota eyodwa

Abohafu ababili

Iingcenywe eyodwa yokwesithathu

Iingcenywe ezimbili zakwesihlanu

Iingcenywe ezimbili zokwesihlanu

Iingcenywe ezintathu zokwesihlanu

Iingcenywe ezihlanu zakwesihlanu

Iingcenywe ezine zokwesihlanu

Iingcenywe ezintathu zakwesithathu

Wena ungakhetha ini? Iingcenywe ezine zamakota wetjhokoleli nanyana ingcenywe eyodwa epheleleko yetjhokoleli. Kubayini?

Teacher: _____

Sign: _____

Date: _____



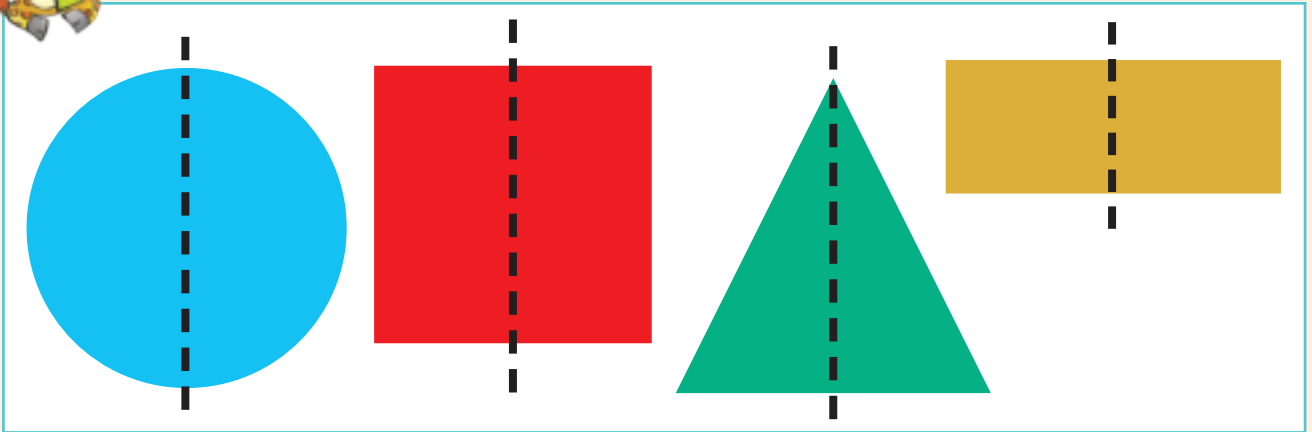
Ukufana mahlangothi woke namajamo

Ilanga: _____

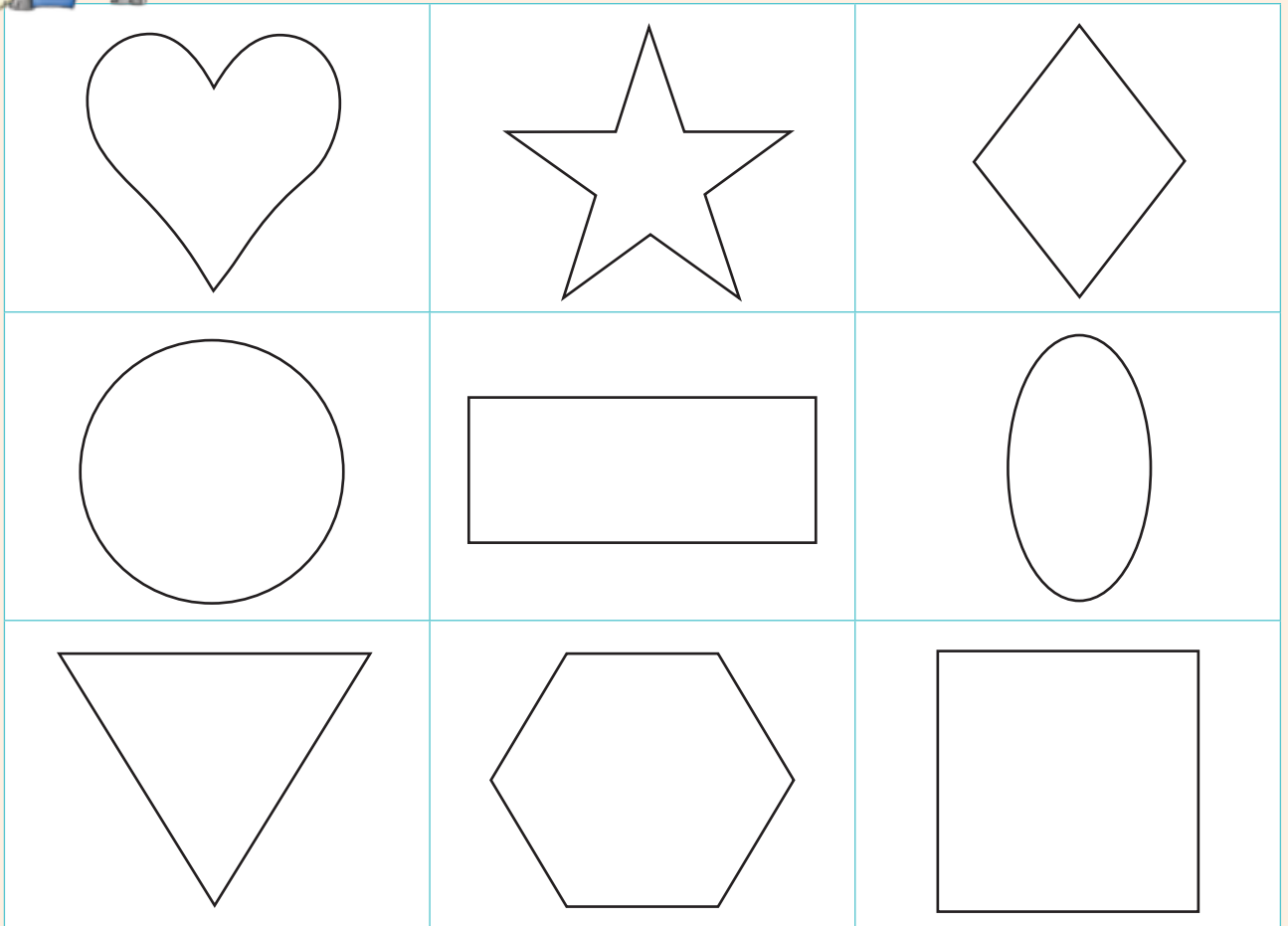
Ithemu 4



Qala iinthombe zamajamo. Ingabe ihlangothi libonakala lifana namanye amahlangothi? Ingabe ayafana mahlangothi woke?

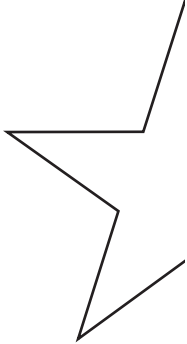
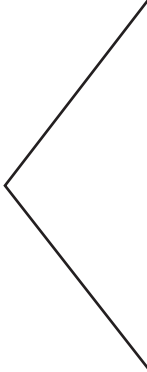
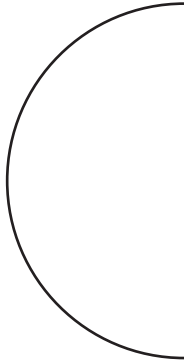


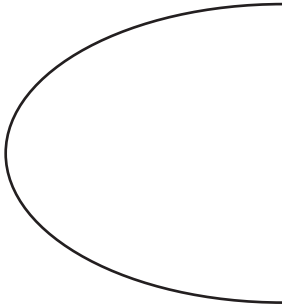
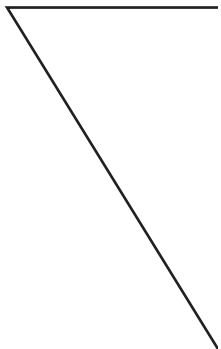



Gwala umuda ukuze elinye ihlangothi lilingane nelye.





Gwala elinye ihlangothi lejamo leli.



Teacher: _____
 Sign: _____
 Date: _____

Ukuhlela kanye namacezu

Ilanga:

Ithemu 4



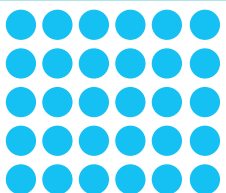
Nikela abafundi iinthombe lezi ezilandelako. Babuze kobana bangakwazi ukubala masinya kangangani izinto lezi.

Le yikholomu.  Lo mumuda.   

Uwasebenzise njani amakholomu kanye nemida ukukusiza?



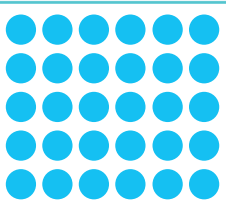


Kunamabumbeko amangaki lapho? Iyini ingcenge eyodwa yehafu emabumbekweni?

	<input type="text" value="6"/>		<input type="text"/>		<input type="text"/>
	<input type="text" value="3"/>		<input type="text"/>		<input type="text"/>


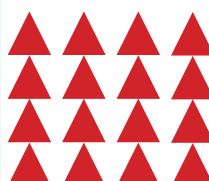
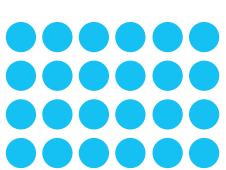


Kunamabumbeko amangaki lapho? Iyini ingcenge yokwesithathu yamabumbeko?

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



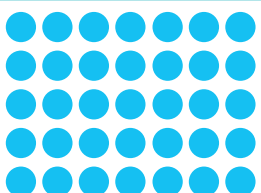


Kunamabumbeko amangaki lapho? Iyini ingcenge eyodwa yekota yamabumbeko?

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



Kunamabumbeko amangaki lapho? Iyini ingcenge eyodwa yokwesihlanu yamabumbeko?

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



Qedelela itheyibula elingenzasi.

	Umutjho weenomboro zokubuyabuyelela	Umutjho weenomboro zokuhlukaniswa	Iyini	Iyini
	$2 \times 3 = 6$ nanyana $3 \times 2 = 6$	$6 \div 2 = 3$ nanyana $6 \div 3 = 2$	Ingcenye yehafu yezinto lezi? 3	Ingcenye eyodwa yokwesithathu yezinto? 2
			Ingcenye eyodwa yokwesithathu yezinto?	Ikota eyodwa yezinto?
			Ikota eyodwa yezinto?	Ingcenye eyodwa yokwesihlanu yezinto?



Sebenzisa ukuhlela ukutjengisa:

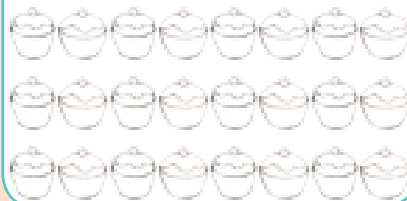
Ikota eyodwa yamaswidi ali-12.	Ingcenye eyodwa yokwesithathu yamaswidi ali-12	Ihafu yamaswidi ali-12
--------------------------------	--	------------------------

Umma ubhage amakhekhana wangeenkomitjini ama-24 abhagela imizi elandelako. Nakhu abaku-odileko: Sebenzisa iinthombe zamakhekhana wangeenkomitjini ukuze akuhlale.

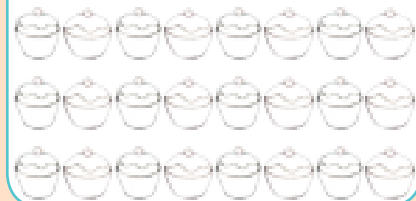
Ihafu eyodwa yesitrowubheri bese kuthi ingcenyeseleko yoke kube yivanila.



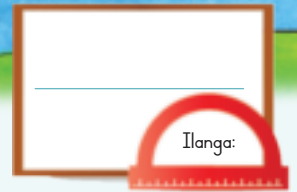
Ikota eyodwa yetjhokoleli bese kuthi ingcenyeseleko yoke kube yivanila.



Ingcenye eyodwa yokwesithathu yekharameli bese kuthi ingcenyeseleko yoke kube yivanila.



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Icezu ngezinto ezibutheleleweko

Ithemu 4

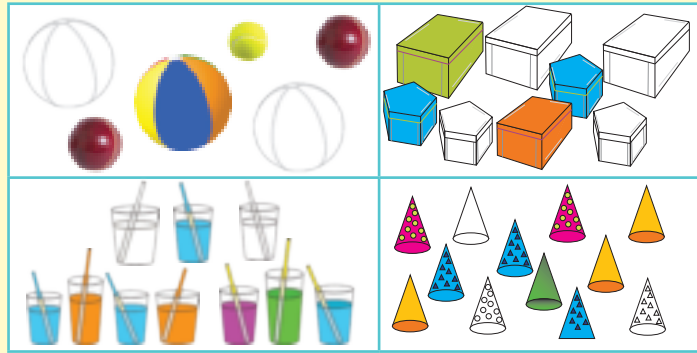
Qala ehlathulweni bese umadanisa nesithombe ukuze utjengise kobana licezu liphi lento elikhalarieweko. Khuluma ngalokhu.

Ihafu eyodwa yezinto ezibutheleleweko

Ingcenye eyodwa yokwesithathu yezinto ezibutheleleweko

Ikota eyodwa yezinto ezibutheleleweko

Ingcenye eyodwa yokwesihlanu yezinto ezibutheleleweko



Yenza yakho imitjho ngeenthombe ezingenzasi. Kufanele ufake amacezu emitjhweni yakho.



Rarulula umraro wamagama. Umma unamanani ehlisiweko. . .

Unamarhembe ali-15. Uthengise ma-5.

Uthengise liphi icezu?

Thalela ipendulo.

Ngiziphi iinomboro eziqakathekileko? _____

Gwala isithombe utjengise ipendulo yakho.

Bekanamajezi ali-18. Uthengise ali-9.

Uthengise liphi icezu?

Thalela ipendulo.

Ngiziphi iinomboro eziqakathekileko? _____

Gwala isithombe utjengise ipendulo yakho.

Uneenkhethe ezili-12. Uthengise ezi-3.

Uthengise liphi icezu?

Thalela ipendulo.

Ngiziphi iinomboro eziqakathekileko? _____

Gwala isithombe utjengise ipendulo yakho.

Uneembaji ezi-20. Uthengisa ezi-4.

Uthengise liphi icezu?

Thalela ipendulo.

Ngiziphi iinomboro eziqakathekileko? _____



Ngiliphi icezu elisemakhekheni wangeenkomitjini ane-ayisingi yebhanana?

I-ayisinghi yestrowubheri?

I-ayisinghi yebhabulgamu?



Teacher: _____
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Ukufana

Ilanga: _____

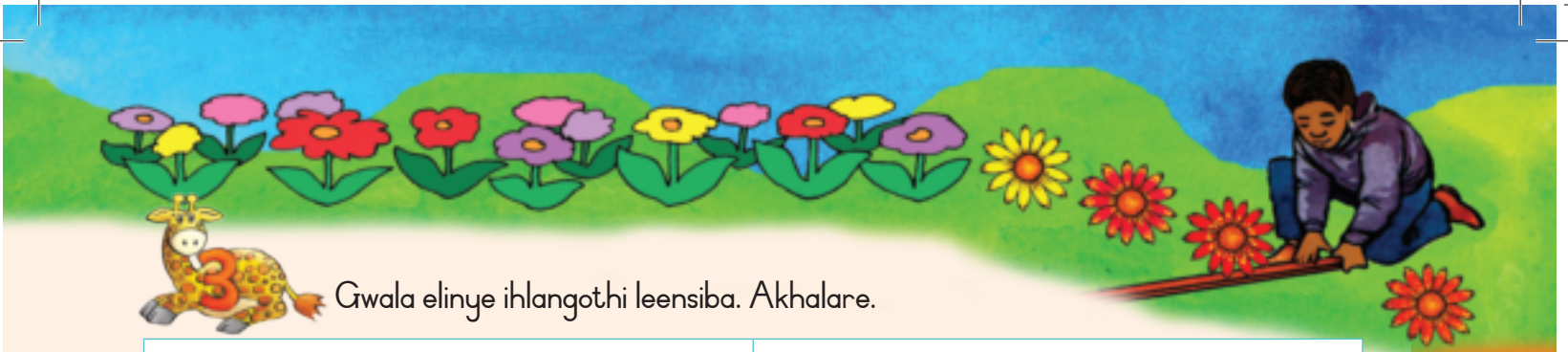
mahlangothi woke kumaphethini



Qala iinthombe zeensiba. Ngikuphi okubonako?



Gwala umuda ukuze elinye nelinye ihlangothi leensiba lezi lifane nelinye.



Qwala elinye ihlangothi leensiba. Akhalare.

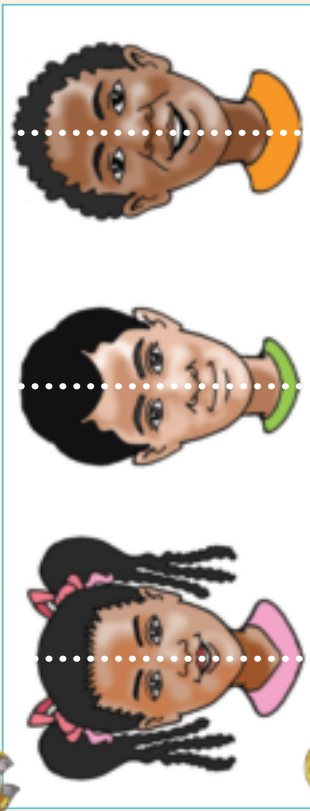
Teacher: _____

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Okhanye ukubandeka-bulingana

Qala iint'hombe zobuso. Ingabe ihlangothi elilodwa lobuso lifana nelinye ihlangothi?



Gwala umuda ukuze amahlangothi womabili wobuso afane.



Gwala elinye ihlangothi lobuso. iphetheni yeenomboro izokusiza.

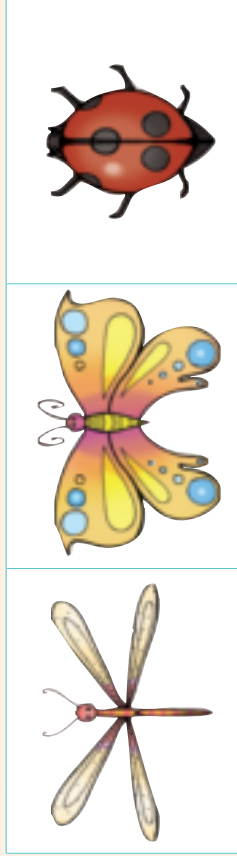


Ilango:

Qala iint'hombe zamagama. Ingabe ihlangothi libonakala lifana namanye amahlangothi? Ingabe ayafana mahlangothi woke?



Gwala umuda ukuze ihlangothi elilodwa lenunwana lifane nelinye.



Gwala elinye ihlangothi leenunwana.



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Sign: _____
Date: _____