

**Rainbow WORKBOOKS**  
MATHEMATICS IN ISINDEBELE  
GRADE 1 – BOOK 1  
TERMS 1 & 2  
ISBN 978-1-920458-86-7  
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7th Edition



9 781920 458867

**Ukufunda ngoMthethosisekelo weRiphabliko yeSewula (1996)**  
UMthethosisekelo weSewula Afrika (1996) umumethe imithetho yenarha eseqopheleni eliphezulu. Imithetho le kumele ilandelwe ngumongameli wenarha, abaphathi beenkunda zemithetho kanye nalabo abasembusweni.  
Imithetho le ihlathulula kobana abantu benarha bafenele baphathane njani, ukuthi ngimaphi amalungelo wabo nokuthi ngiziphi iimbopho abanzo. UMthethosisekelo wenzelwe ukusivikela soke thina kanye nabentwana bethu ngomuso.

**Kuqakathekile ukwazi izehlakalo zesikhathini esidlulile ko.** **Asingabu yeleti iimphoso zangesi khathi esidlulile ko.** **UMthethosise kelo usisiza ukucabanga nok wakha ilingomuso eling cono lethu soke.**

Thina, abantu beSewula Afrika;  
Siyakwazi ukungaphathei kwethu ngokomthetho esikhathini esadlulako;  
Siphathela phezulu abahlukunyeza ngebangwa lokobana kubenokulunga begodu nekululeko enarheni yekhethu;  
Sihlonipha labo abasebenze ekwakheni begodu nekuthuthukiseni iphasi lekhethu; begodu  
Bakholelwla bonyana iSewula Afrika ngeyabo boke abahlala kyo, sibambene ngokwahluukulukana kwethu.  
Ngalakho-ke, ngabjameli bethu abakhethwe ngokukhululekileko; samukela uMthetho-sisekelo lo njengomthetho wokuthoma weRiphabliko oza—  
Kuqedu ukwahluukana okwadlulako begodu sakhe umphakathi ozokudzimelela kuminqopho yentando yenengi ubulungiswa begodu namalungelo wangokomthetho wobuntu.  
Ukubeka isisekelo sentando yenengi begodu nomphakathi onzinzileko lapho umbuso unzinxe khona phezu kwentando yesitjhaba begodu lapho zoke izakkhamuzi zivikelwe khona ngokomthetho.  
Ukwenza ncono izinga lepilo yazo zoke izakkhamuzi begodu nokuvezwa kwekgono lawo woke umntu;  
Ukwakha, iSewula Afrika ebumbeneko begodu nenentando yenengi ezokwazi ukuthatha indawo yayo njengenarha ezijameleko emndenini weentjhabetjhaba.

**Funa ngekani amalungelo wakho njengesa khamuzi seSewula Afrika bewube nesibopho sokuvikela amalungelo wabanye abantu.** **Ukwazi umThethomling wa wamalungelo Kanye nomThethomling wa weembopho.**

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

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UKkz. Angie Motshekga,  
nguNqgonqgotjhe  
wezeFundo-Sisekelo



UNom Enver Surty,  
nguSekela kaNqgonqgotjhe  
wezeFundo-Sisekelo

Iincwadi lezi zenzelwe abentwana beSewula Afrika ngaphasi koburholi; bakaNqgonqgotjhe wezeFundo-Sisekelo, uMma u-Angie Motshekga, kanye neSekela lakaNqgonqgotjhe wezeFundo-Sisekelo, uNom. Enver Surty.

Iincwadi zokuSebenzela zakwaRainbow ziyingceny yeendalela 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 abotitjhore komunye nomunye umsebenzi ngokusebenzisa iinthombe ezitjengisako bona ngikuphi umfundsi amelete akwenze.

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

Sinifisela ipumelelo ekusebenziseni iincwadi lezi.



Published by the Department of Basic Education  
222 Struben Street  
Pretoria  
South Africa  
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Seventh edition 2017

ISBN 978-1-920458-86-7

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IGreyidi



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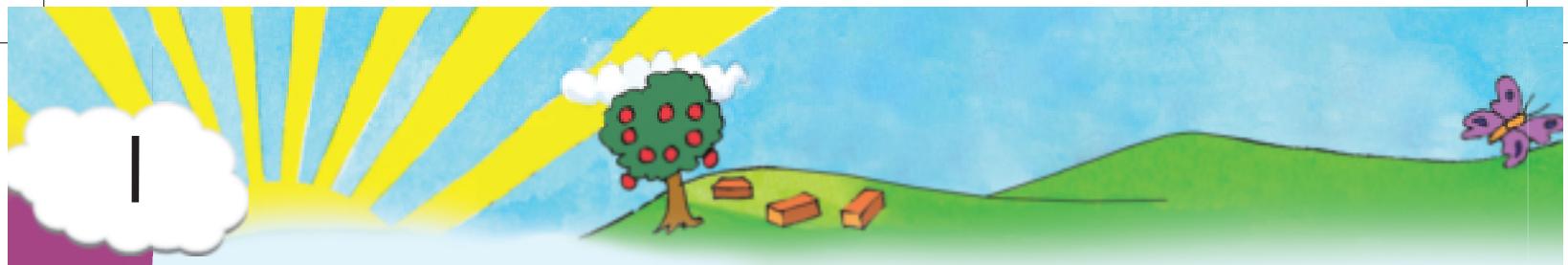
## ISINDEBELE



Incwadi le ngeyaka:

ISINDEBELE  
Incwadi

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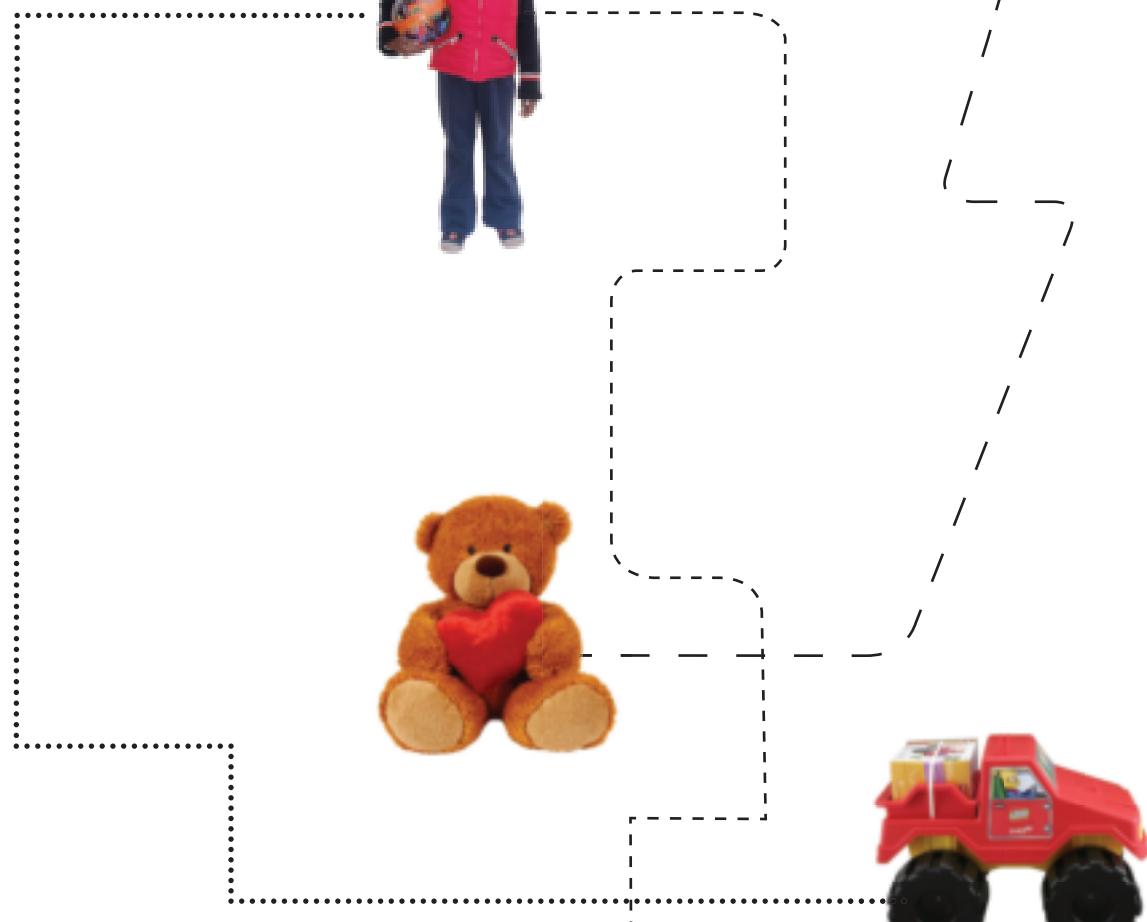


## Ukubuyekeza: Ukufuna umtlhala nokumadanisa



Siza umntazana lo ukuthola izinto zakhe zokudlala.

THOMA



QEDA





## Ukumadanisa



Madanisa isithombe esingebhoksaneni lokuthoma naleso esifana naso ngokusitshwaya ngo (x).



Teacher:
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Date:



## Ukubuyekeza: Ukuhlela imibala nokugadangisa amaphetheni



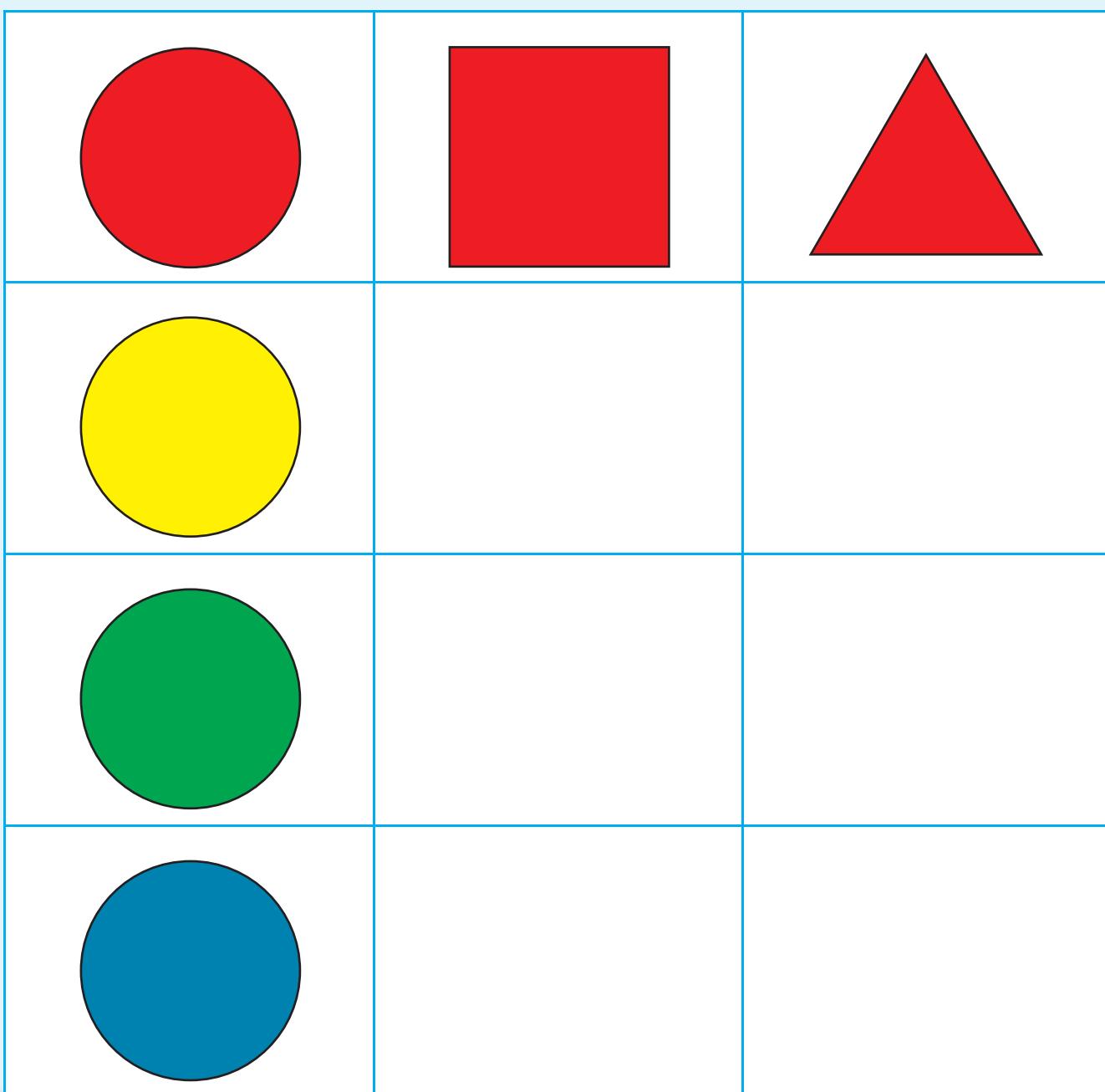
Beka amabumbeko ngokombala, ngaphakathi kwamabhoksi.

Ireyi eyodwa kufanele ibenombala

owodwa njengebumbeko lokuthoma.

Sesenze amabumbeko abomvu njengesibonelo. Yitjho bonyana ibumbeko elilodwa linombala onjani.

Sebenzisa abosika abangemuva kwencwadi.

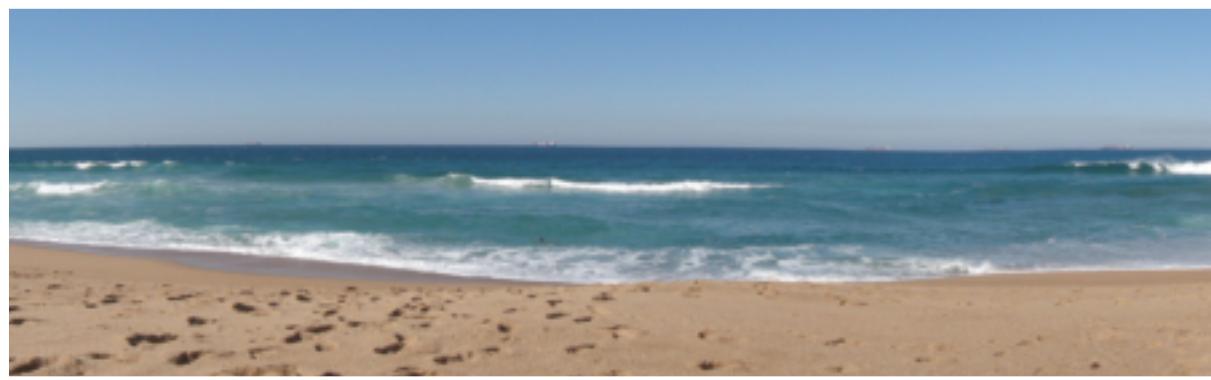
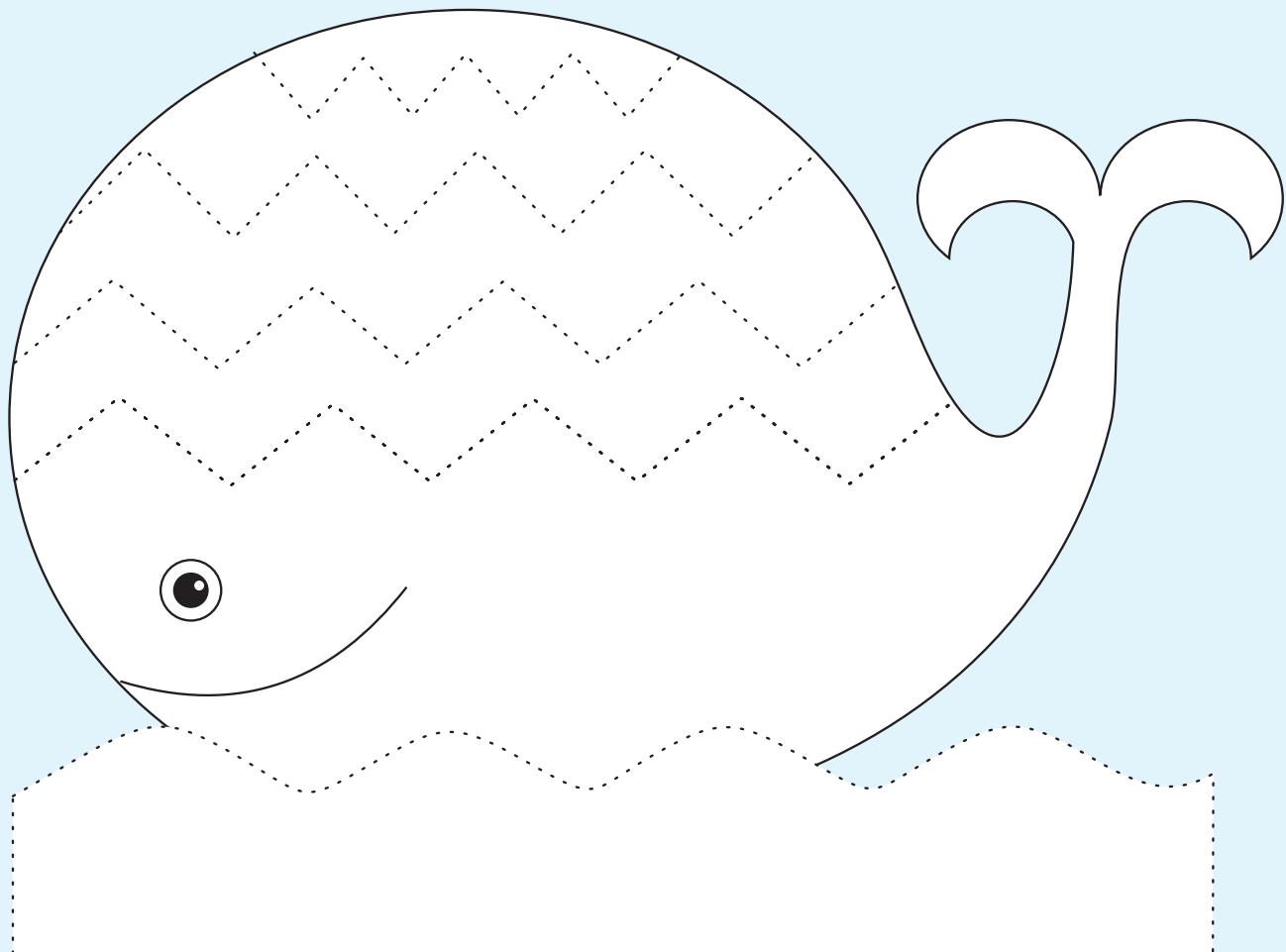




## Amaphetheni



Gadangisa imida emacaphazi uqedelele iphetheni yewejili.



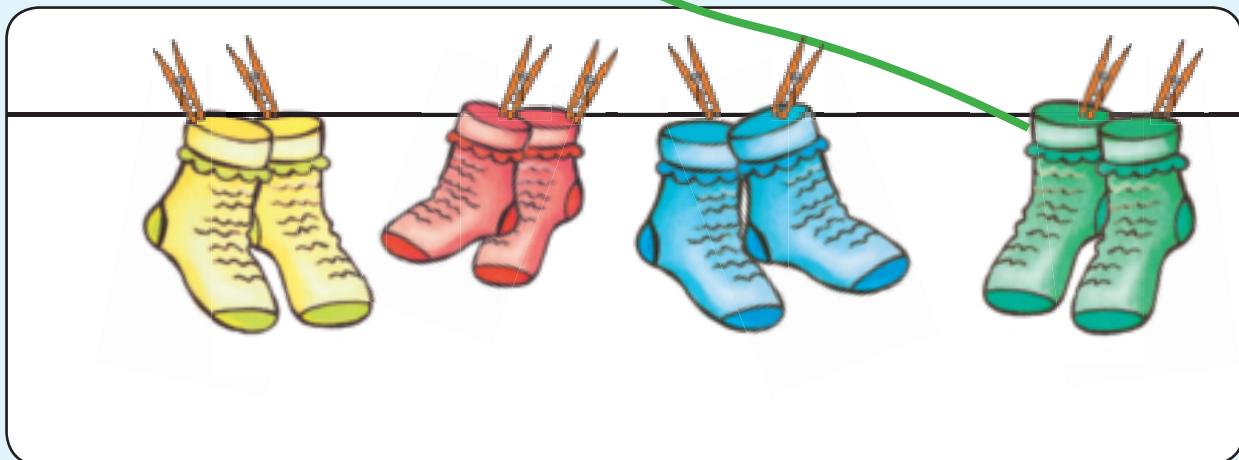
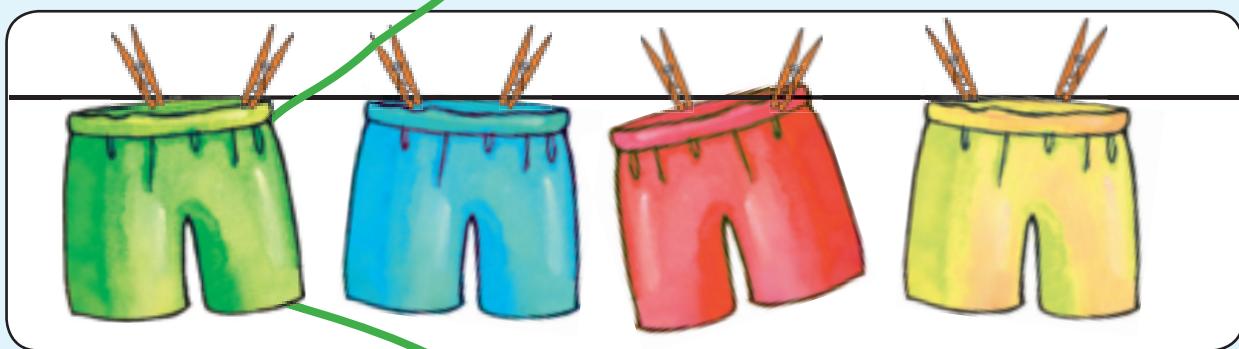
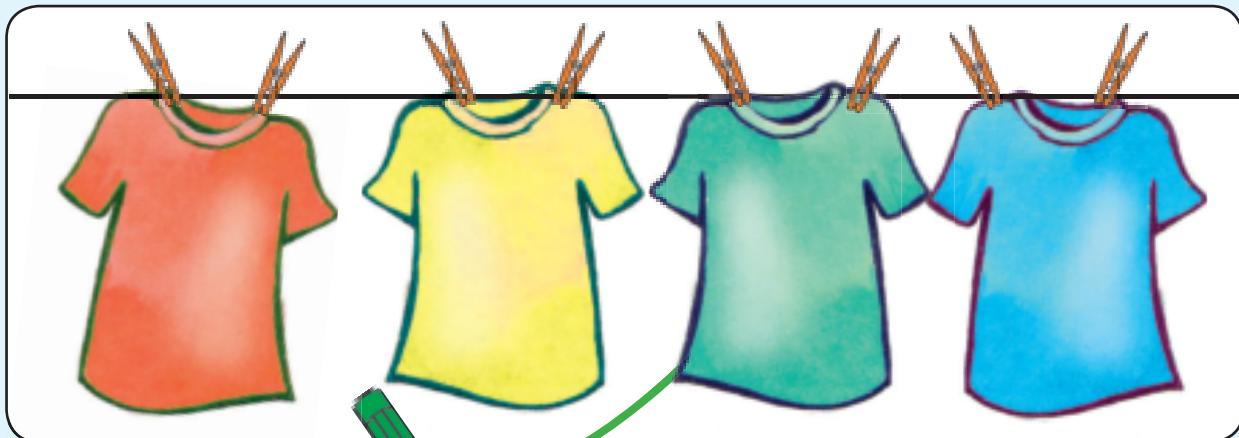
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## Ukubuyekeza: Imibala namaphetheni

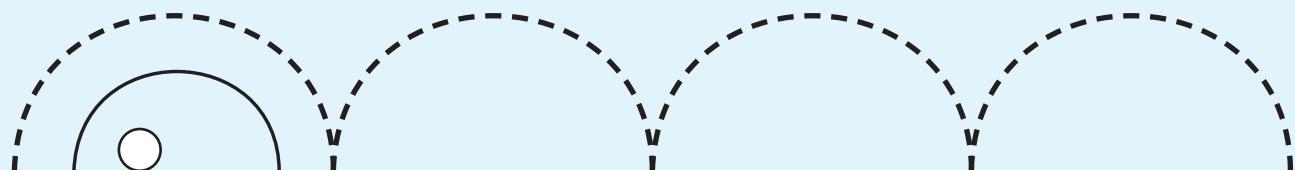
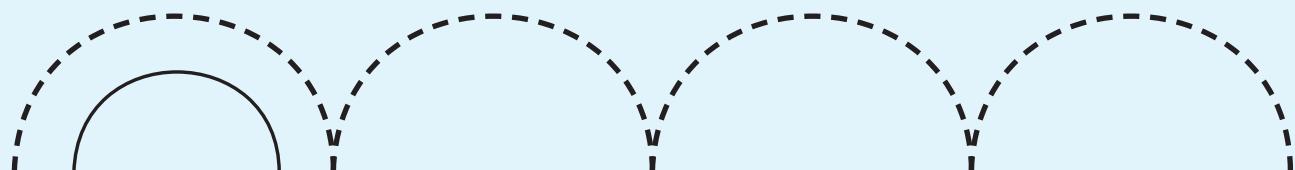


Thala umuda umadanise izembatho ezinombala ofanako.





Kokuthoma gadangisa phezu kwamaphetheni anomuda okhamba uqephuka usebenzisa umuno wakho begodu uwugadangise ngekhrayoni nanyana ngepensela. Ngemva kwalapho kopulula amaphetheni amancani khulu angesinceleni. Amaphetheni asekuthomeni azokuhlahla.



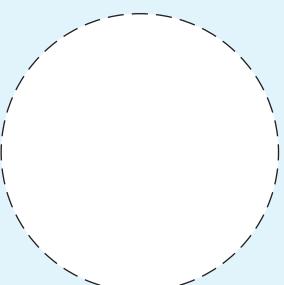
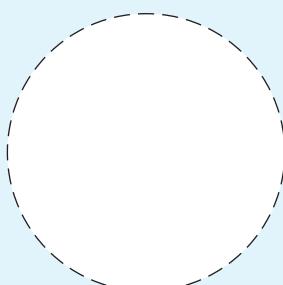
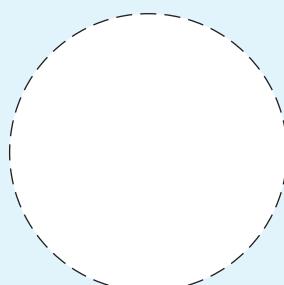
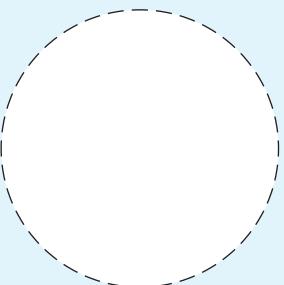
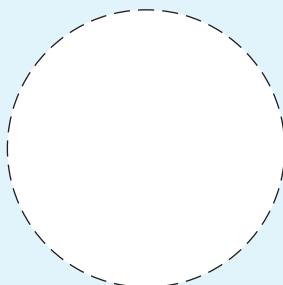
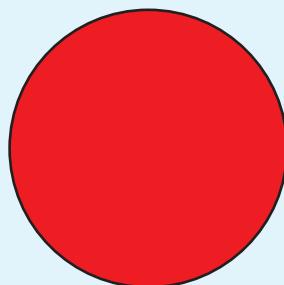
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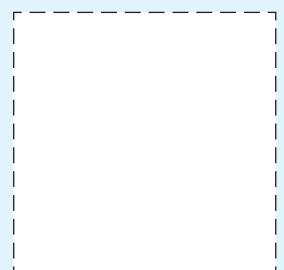


## Ukubuyekeza: Ukuhlela nokumadanisa amajamo

Thola amabumbeko ayisekeli ngemuva encwadini yakho bese uwabeka eenkhaleni lezi.

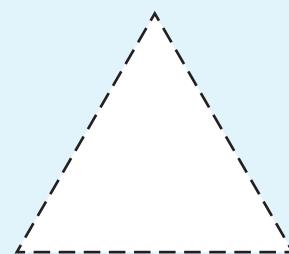
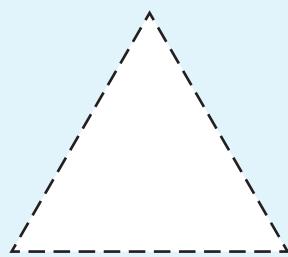
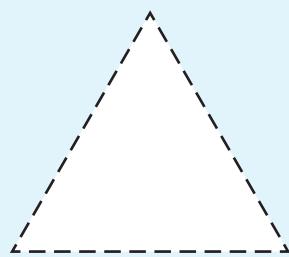
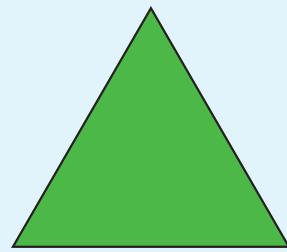


Thola amabumbeko  
wesikwere  
bese uwabeka  
eenkhaleni lezi.

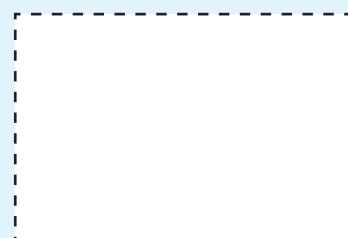
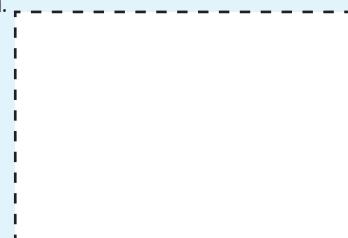




Tlola amabumbeko  
anguncantathu  
bese uwabeka  
eenkhaleni lezi.



Thola amabumbeko  
aboncamane bese  
uwabeka eenkhaleni lezi.



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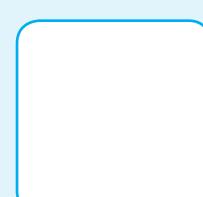
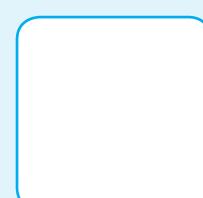
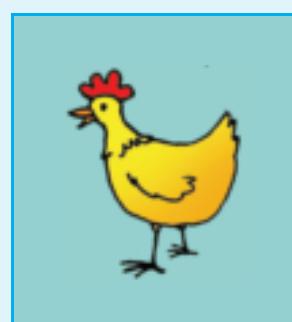
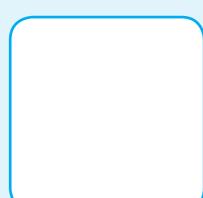
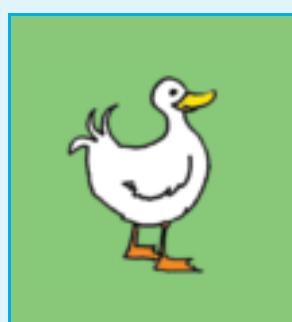
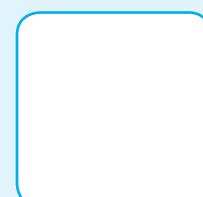
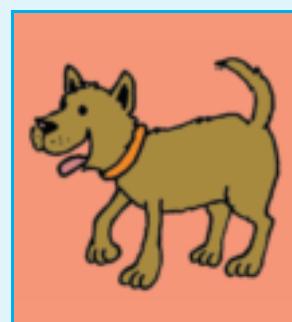
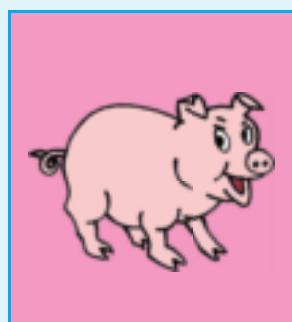
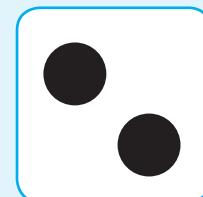
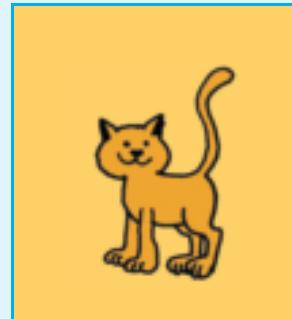
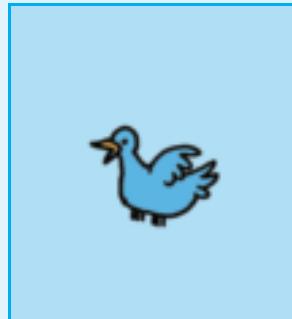


## Ukubuyekeza: Funyana bewubale

Qalisisa iinthombe ezilandelako zeenlwana.

Bala inani lezinye nezinye iinlwana ezahlukeneko bese ugwala inani elilinganako lamacaphaza ngebhlogweni elinembako ekhasini elilandelako. Qala isibonelo owenzelwe sona.





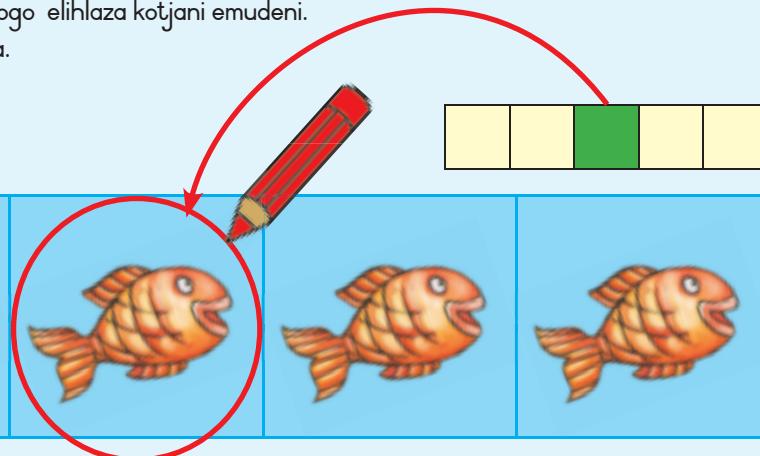
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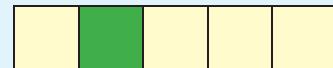


## Ukubuyekeza: Iindawo

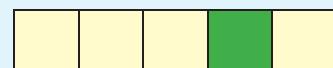
Ndulungela isilwana esibovu ukutjengisa bonyana sisebujameni obubodwa nebhlogo elihlaza kotjani emudeni. Qala isibonelo owenzelwe sona.



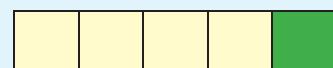
Ndulungela iinyamazana ezisebujameni lobu ereyini engenzasi.



Ndulungela iinyamazana ezisebujameni lobu ereyini engenzasi.

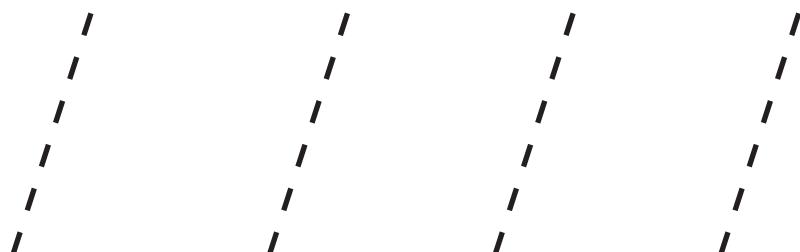
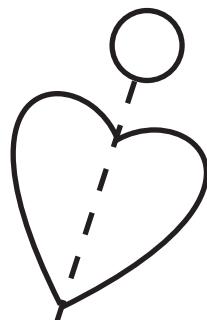
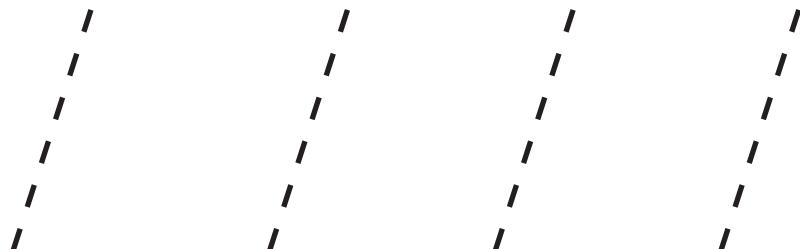
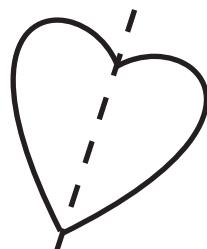
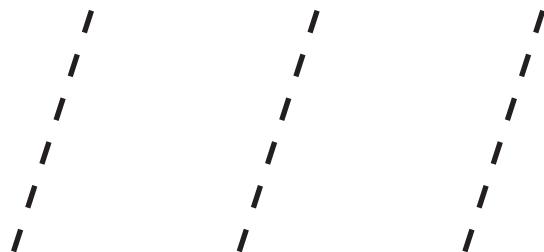
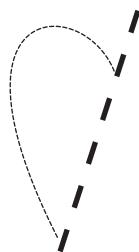
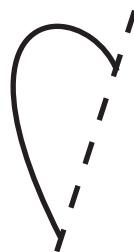
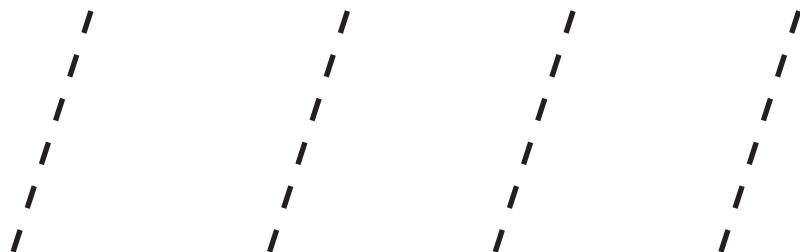
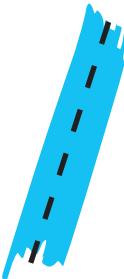


Ndulungela iinyamazana ezisebujameni lobu ereyini engenzasi.





Kokuthoma gadangisa amaphetheni usebenzisa umuno wakho emva kwalapho ugadangise ngekhrayoni nanyana ngepensela.  
Iphetheni yokuthoma esemudeni kanengi ngiyo ezokuhlahla.



Teacher:  
Sign:  
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## Ukubuyekeza: Isikhathi

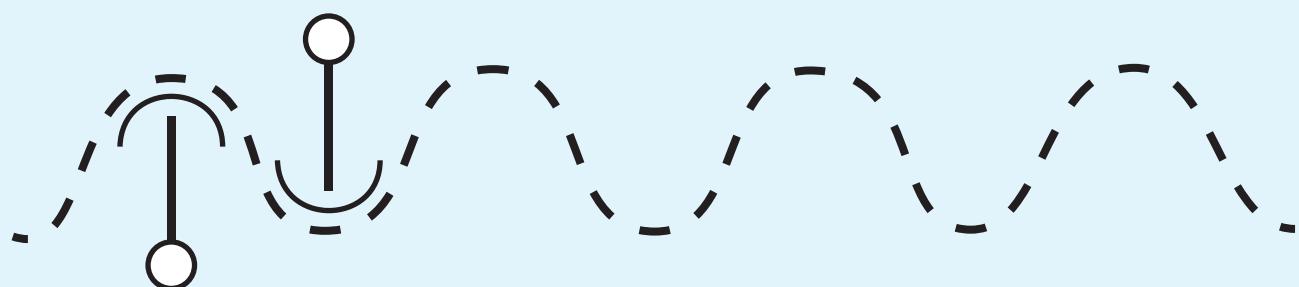
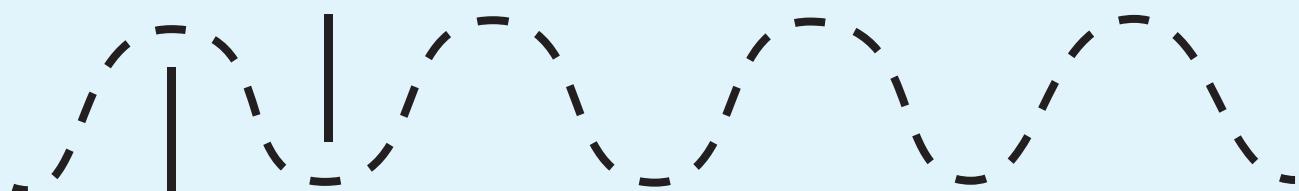
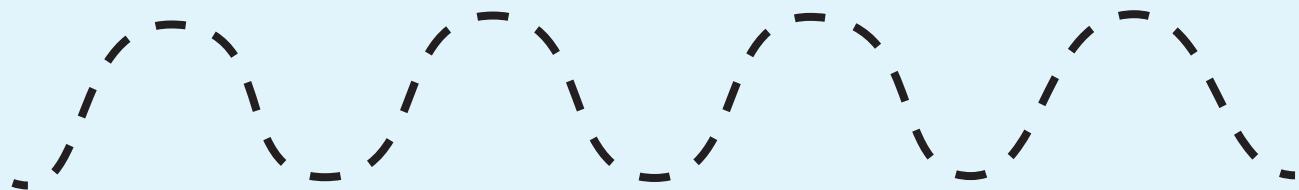
Qalisisa iinthombe bese uyatjho kobana ngikuphi okuthatha isikhathi eside (✓) nalokho okuthatha isikhathi esifitjhani (✗). Tshwaya ngetshwayo (✓) ukutjengisa isikhathi eside. Tlola itshwayo (✗) ukutjengisa isikhathi esifitjhani.

Ukukhamba usiya esikolweni.		Ukukhamba ngekoloyi usiya sikolweni.
Ukwenza ukudla kwangamadina.		Ukubhaga ikhekhe.
Ukfunda esikolweni.		Ukudlala umdlalo webholo.
Ukupenda indlu.		Ukupenda isithombe.





Kokuthoma, gadangisa amaphetheni usebenzisa umuno wakho ngemva kwalapho usebenzise ikhrayoni nanyana ipensela yakho. Kanengi iphetheni yokuthoma emuden'i ngiyo ezokuhlahla.



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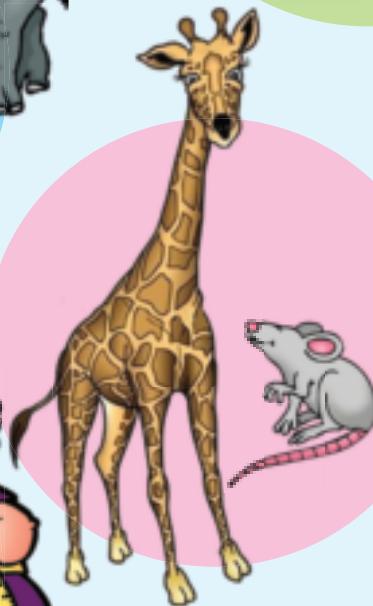
## Ukubuyekeza: Amajamo, ubukhulu nemibala



Ndulungela into ekulu ngakesinye nesinye isithombe.



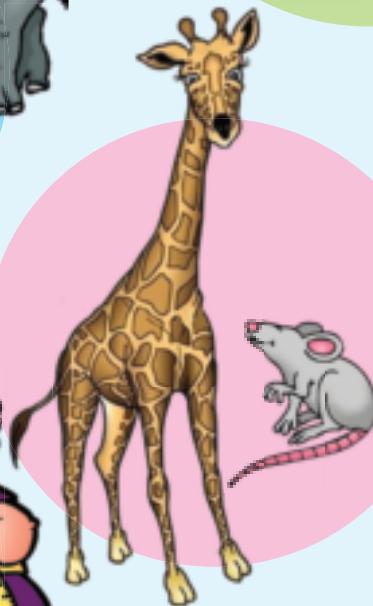
Ndulungela into ekulu ngakesinye nesinye isithombe.



Ndulungela into ekulu ngakesinye nesinye isithombe.



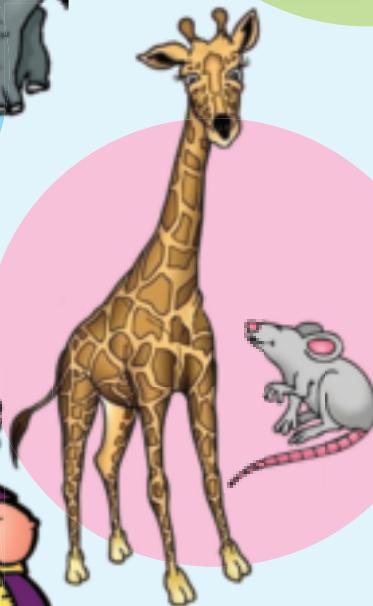
Ndulungela into ekulu ngakesinye nesinye isithombe.



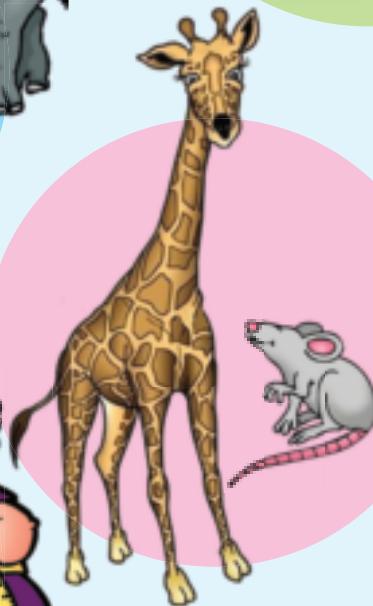
Ndulungela into ekulu ngakesinye nesinye isithombe.



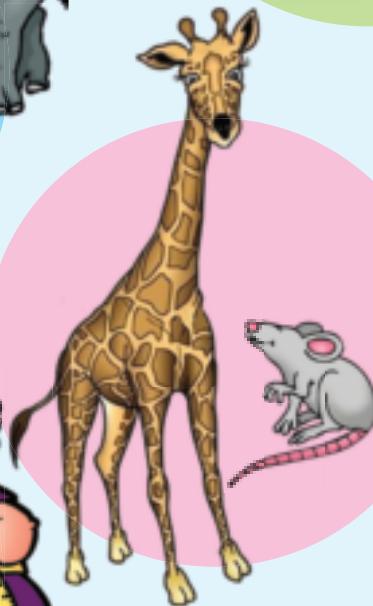
Ndulungela into ekulu ngakesinye nesinye isithombe.



Ndulungela into ekulu ngakesinye nesinye isithombe.



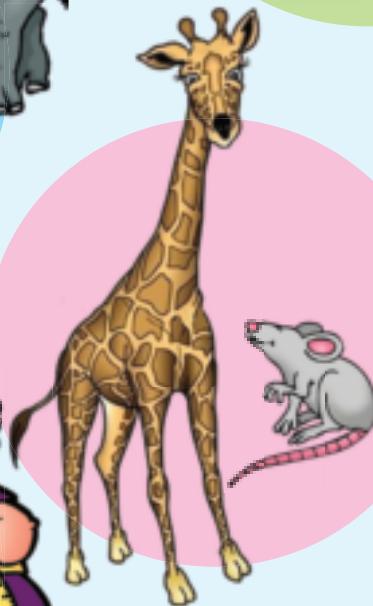
Ndulungela into ekulu ngakesinye nesinye isithombe.



Ndulungela into ekulu ngakesinye nesinye isithombe.



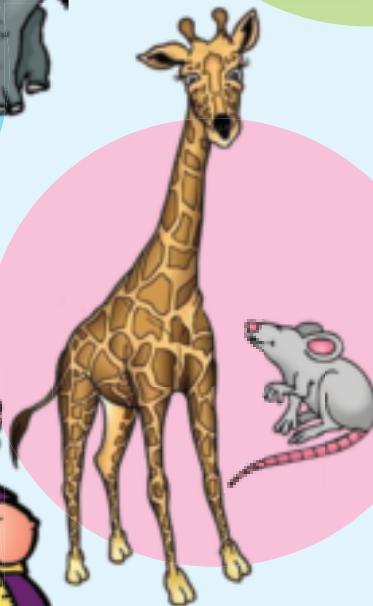
Ndulungela into ekulu ngakesinye nesinye isithombe.



Ndulungela into ekulu ngakesinye nesinye isithombe.



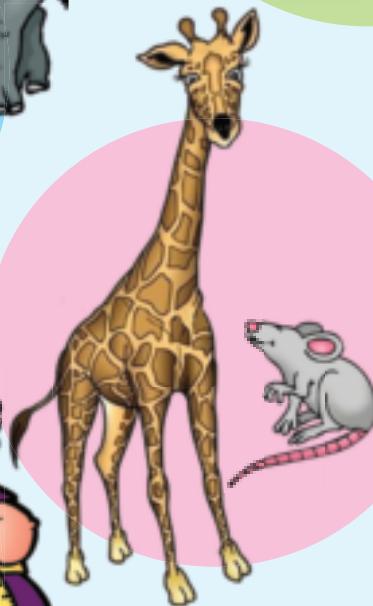
Ndulungela into ekulu ngakesinye nesinye isithombe.



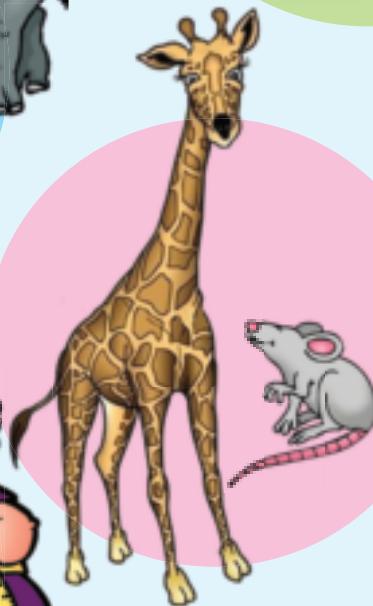
Ndulungela into ekulu ngakesinye nesinye isithombe.



Ndulungela into ekulu ngakesinye nesinye isithombe.



Ndulungela into ekulu ngakesinye nesinye isithombe.



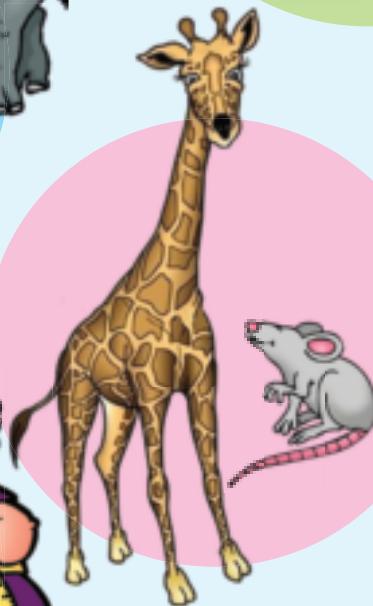
Ndulungela into ekulu ngakesinye nesinye isithombe.



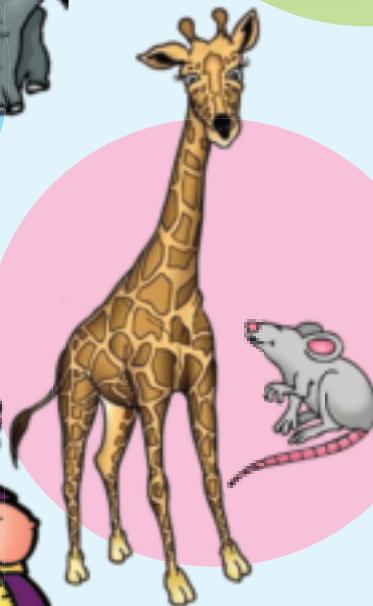
Ndulungela into ekulu ngakesinye nesinye isithombe.



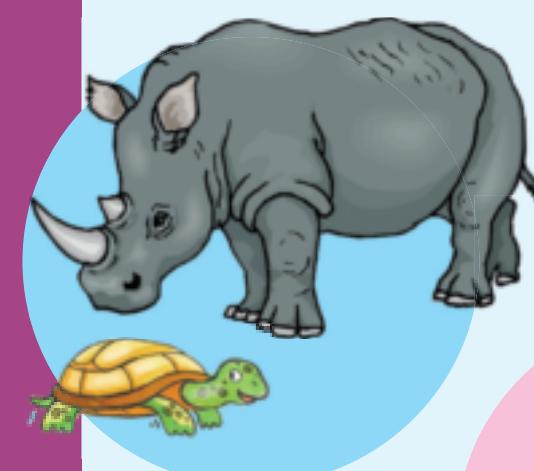
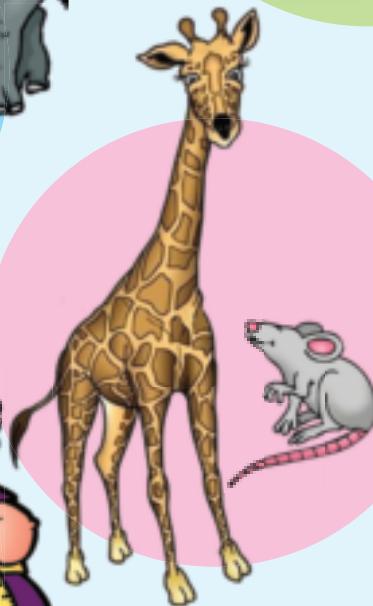
Ndulungela into ekulu ngakesinye nesinye isithombe.



Ndulungela into ekulu ngakesinye nesinye isithombe.



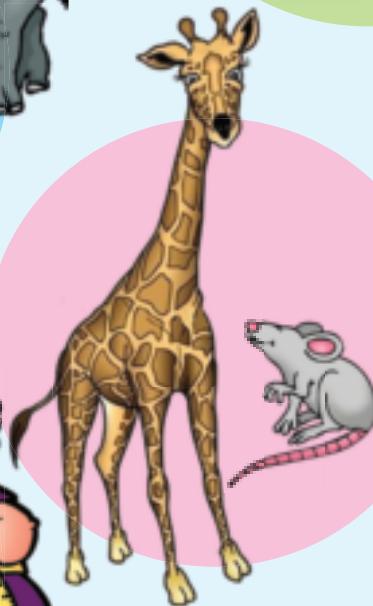
Ndulungela into ekulu ngakesinye nesinye isithombe.



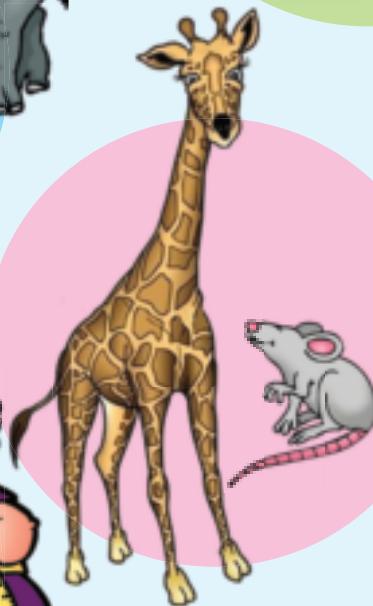
Ndulungela into ekulu ngakesinye nesinye isithombe.



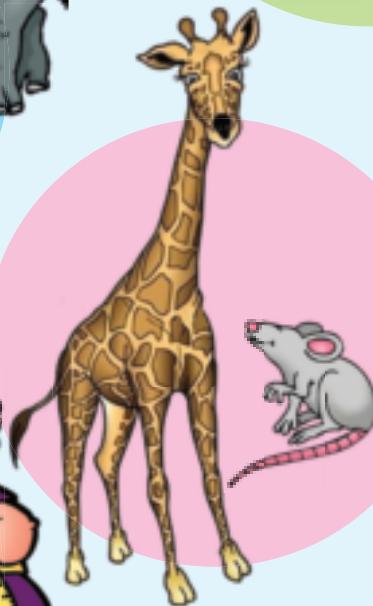
Ndulungela into ekulu ngakesinye nesinye isithombe.



Ndulungela into ekulu ngakesinye nesinye isithombe.



Ndulungela into ekulu ngakesinye nesinye isithombe.

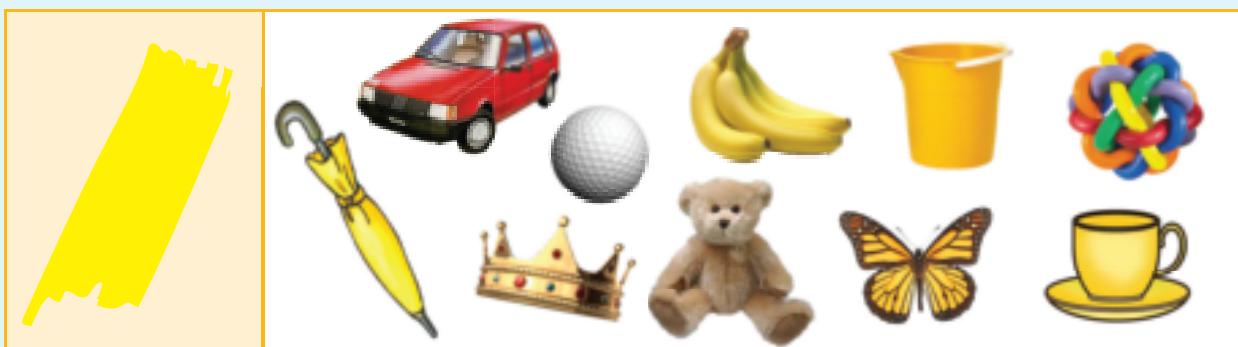
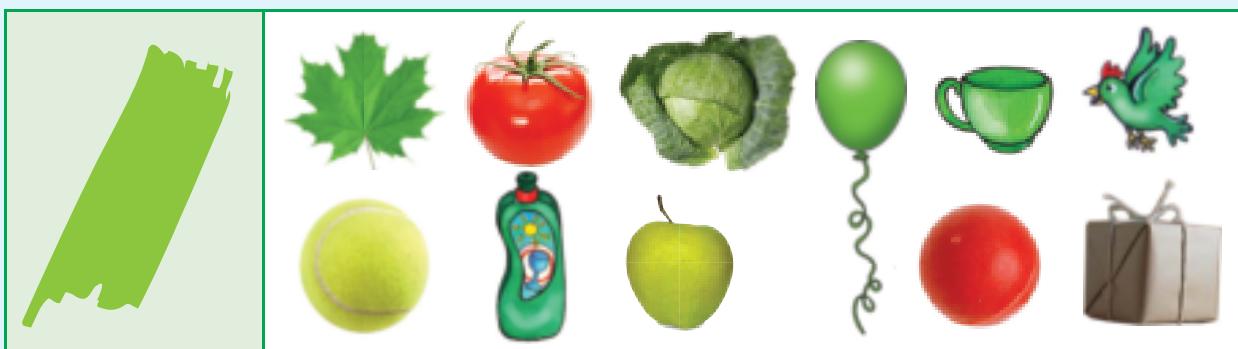




# Ukubala



Ndulungela izinto lezo ezinombala ofana nepende engaphandle kwebhoksi.



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q



Bala okusesithombeni. Gadangisa igama lenomboro.

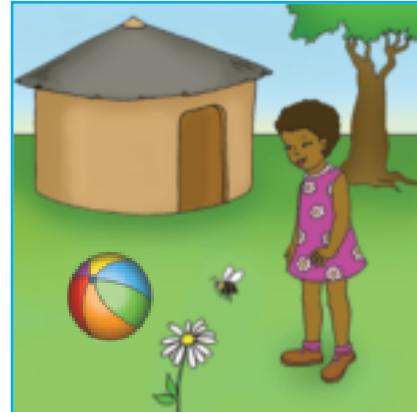
## Kunye

inyosi yinye

umntazana munye

indlu eyodwa

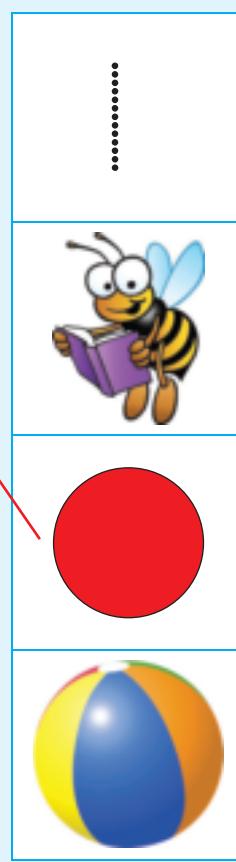
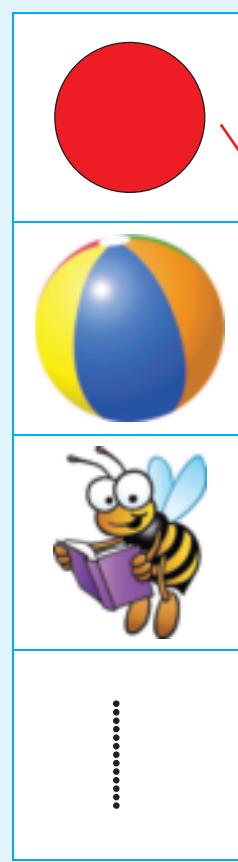
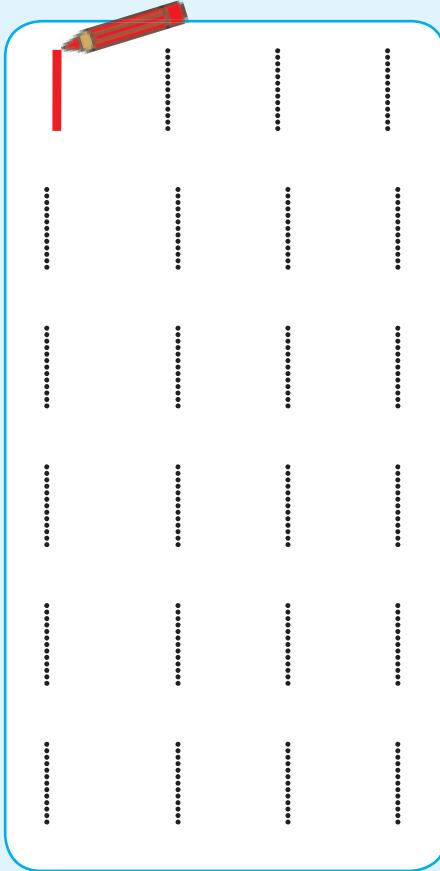
ibholo eyodwa

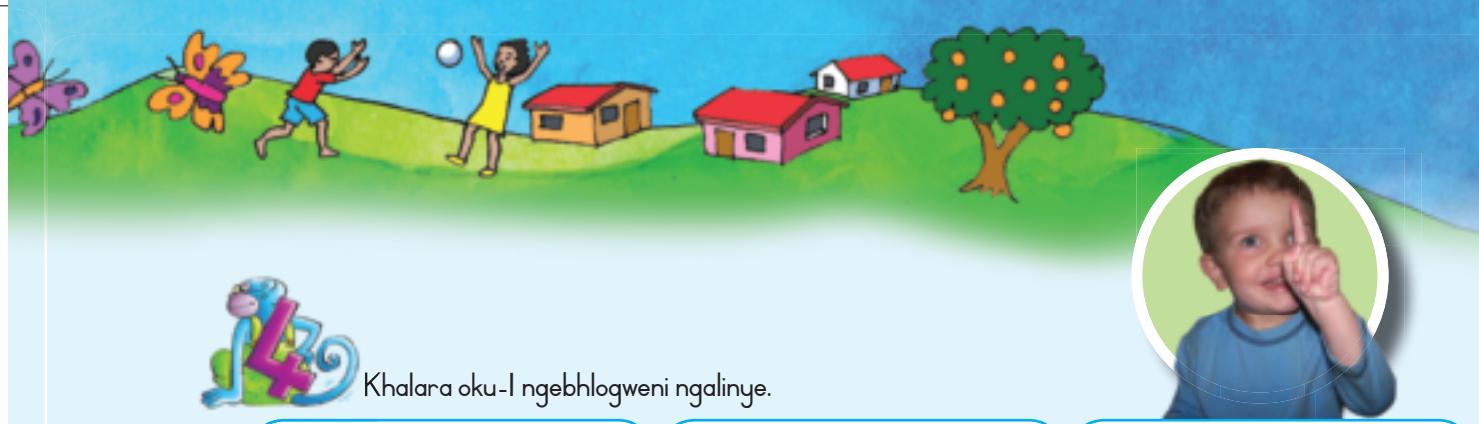


Landeleta ugadangise inomboro.

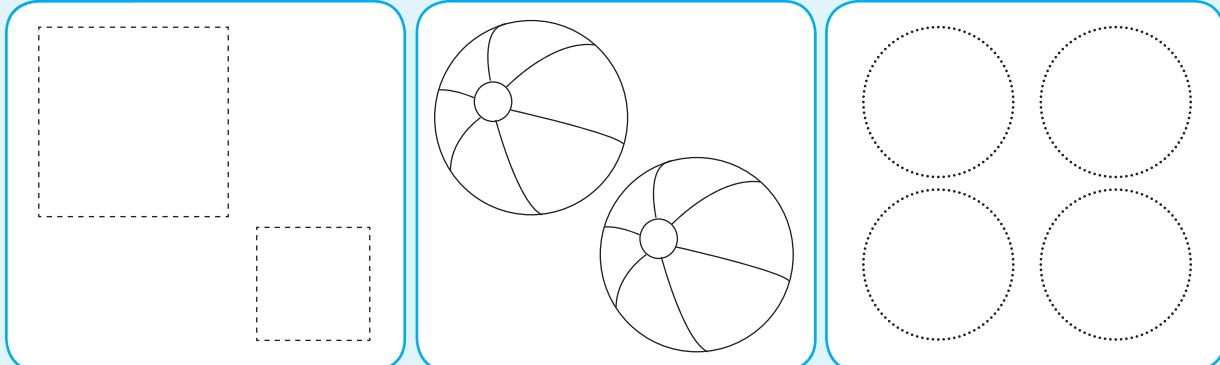


Madanisa iinthombe ezifanako.

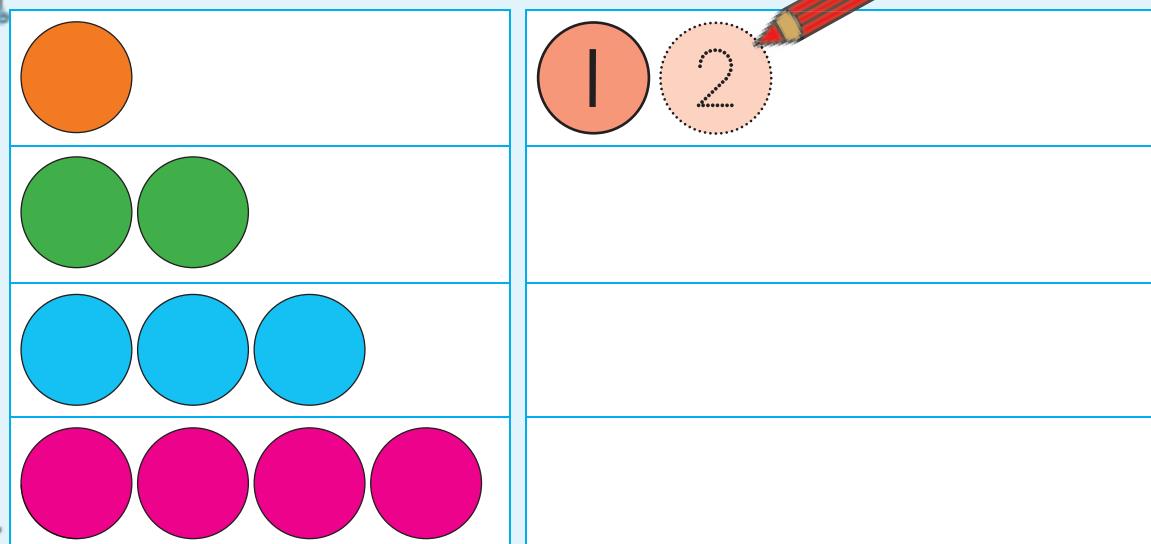




Khalara oku-l ngebhlogweni ngalinye.



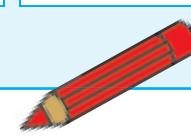
Kopulula bewugwale okhunye okukodwa.



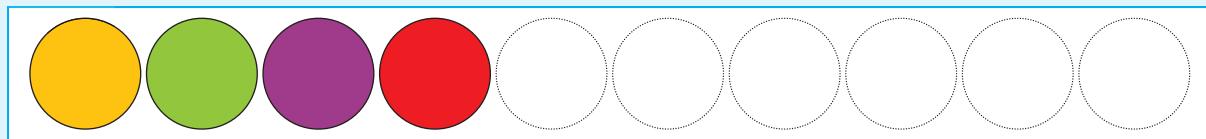
Zjayeze inomboro.



kunye



Khalara indulunga ngayinje nawubalako.



10

Ithemu |



## Kubili

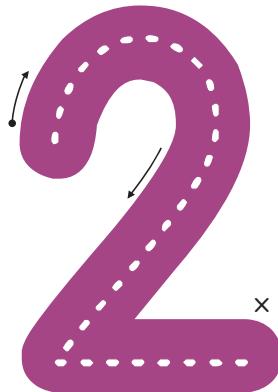
Bala okusesithombeni. Gadangisa igama lenomboro.

imithi emibili

abesana ababili

izinja ezimbili

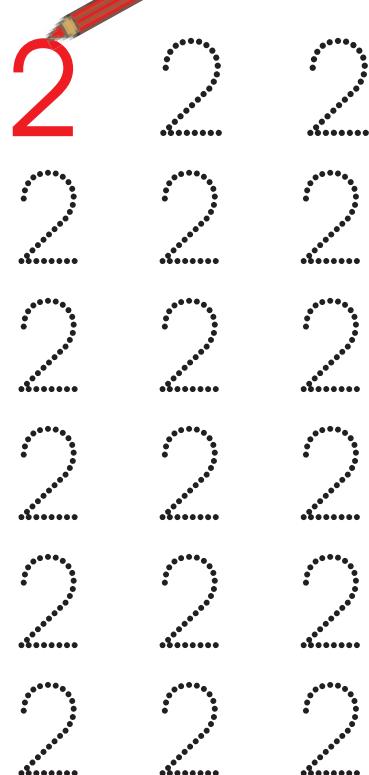
amakhaythi amabili

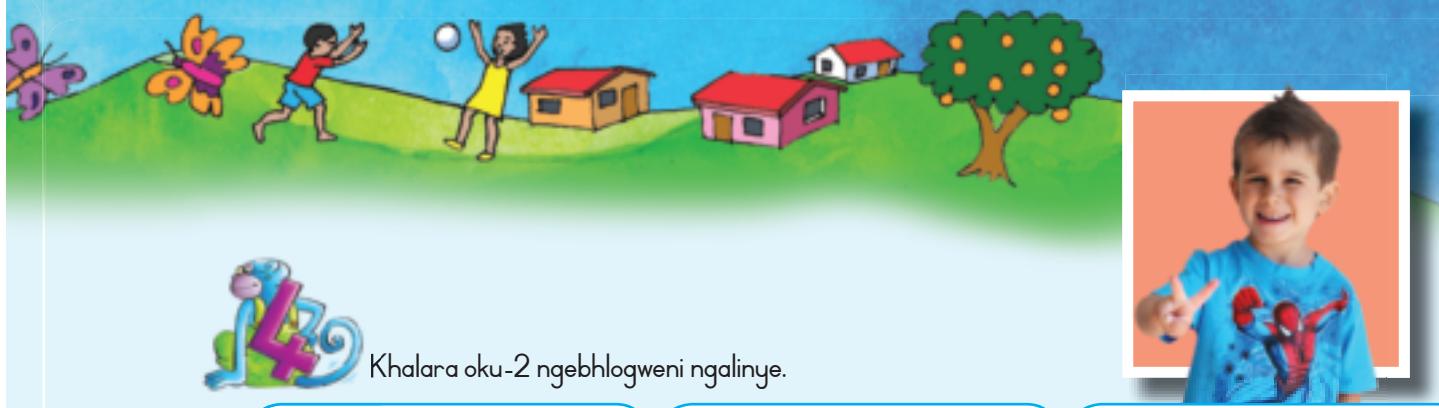


Landelela ugadangise inomboro.



Madanisa iinthombe ezifanako.





Khalara oku-2 ngebhlogweni ngalinye.



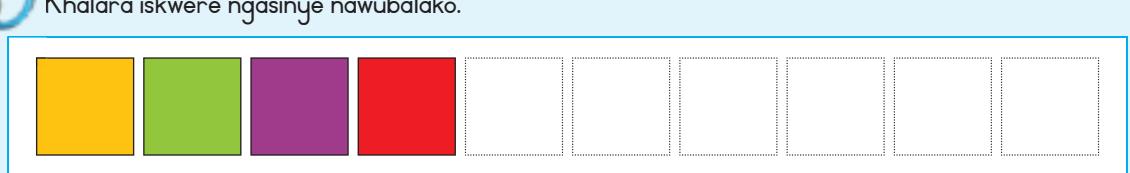
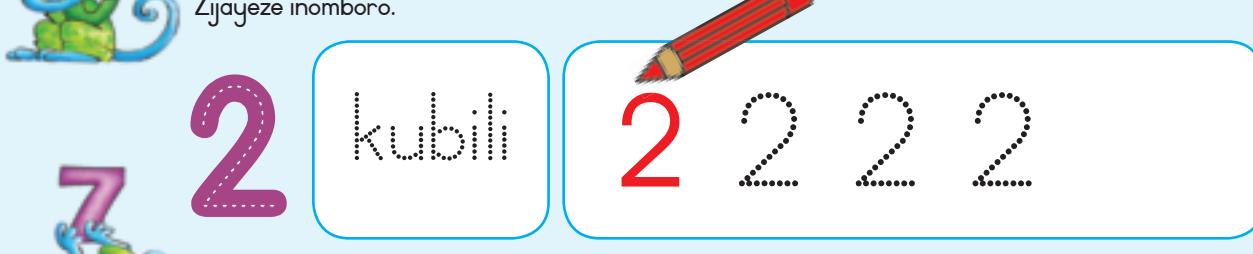
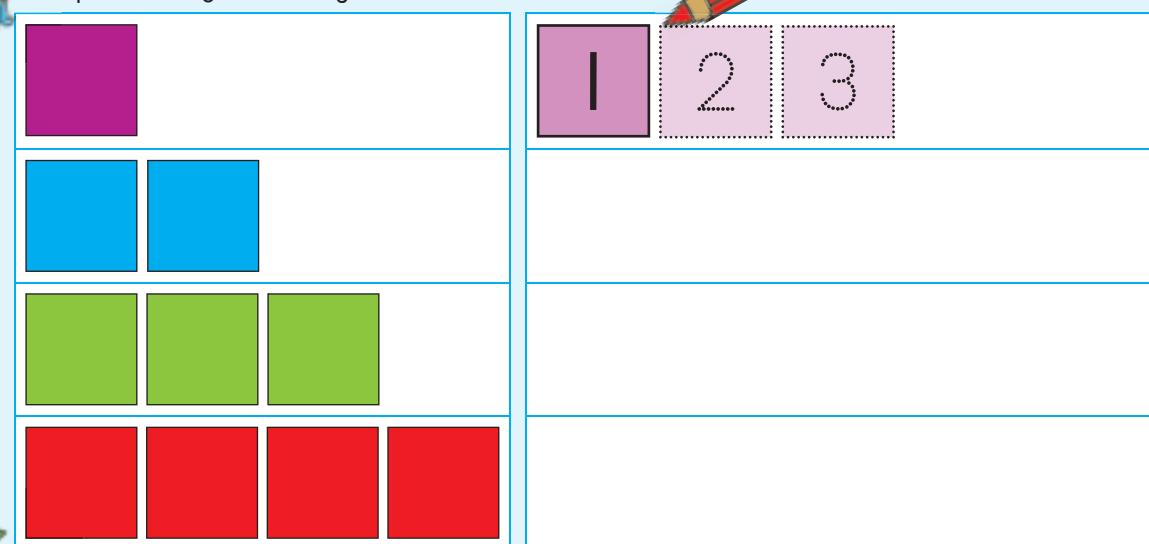
Kopulula bewugwale okhunye oku-2.



Zjayeze inomboro.



Khalara iskwere ngasinye nawubalako.



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Bala okusesithombeni. Gadangisa igama lenomboro.

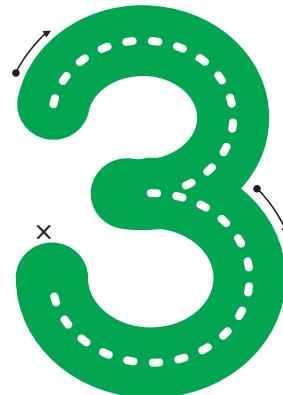
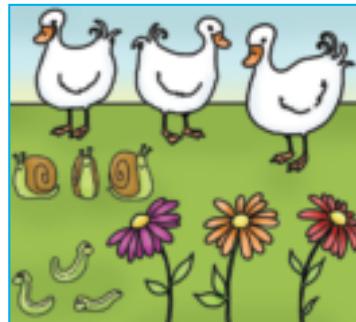
## Kuthathu

amadada **amatathathu**

iminenke **emithathu**

iimbungu **ezintathu**

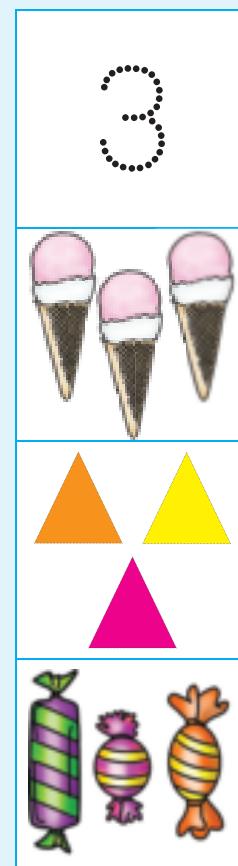
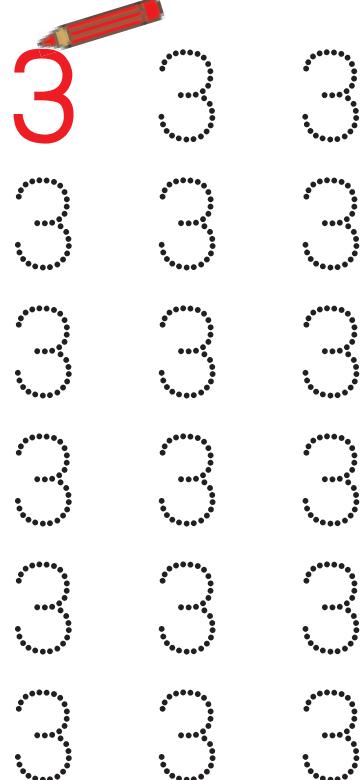
amatathuthumbo **amatathathu**



Landeleta ugadangise inomboro.

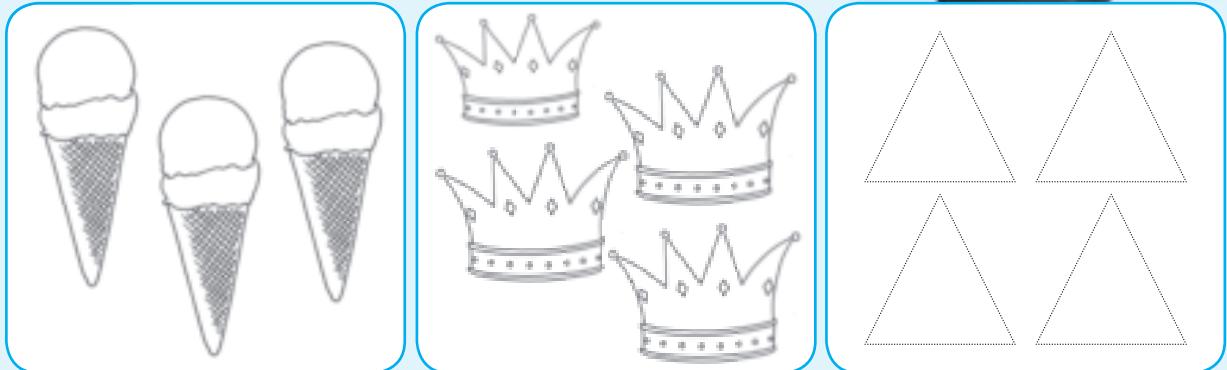


Madanisa iinthombe ezifanako.

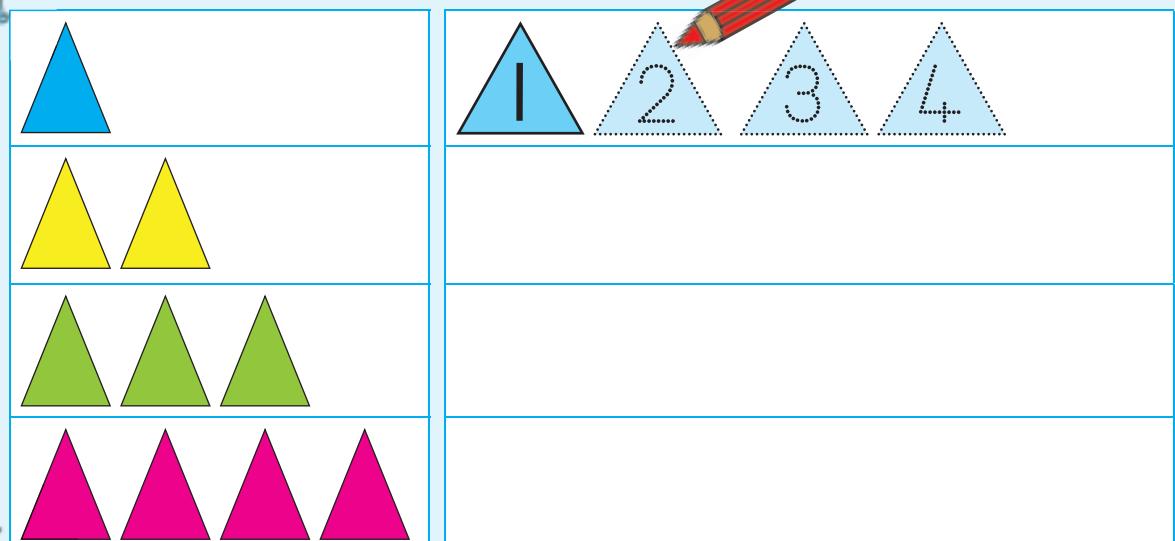




Khalara kube ku-3 ngebhlogweni ngalinye.



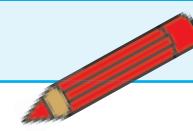
Kopulula bewugwale okhunye oku-3.



Zjayeze inomboro.



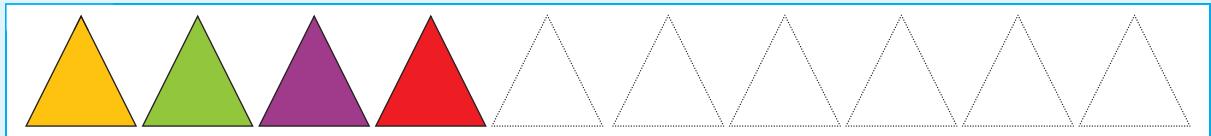
**3** kuthathu



**3 3 3 3**



Khalara uncantathu nawubalako.



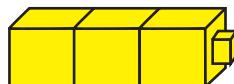
12a

Ithemu |

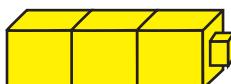
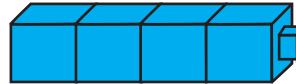
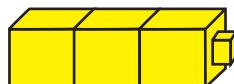


## Ubude neendawo

Tshwaya (✓) isitimela esifitjhani khulu.



Tshwaya (✓) isitimela eside khulu.

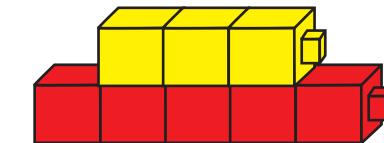


Gwala isitimela esizokuba side.





Khalara igama. Isitimela esifitjhani si:-



ngaphambili

ngaphezulu

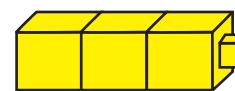
ngemuva



ngaphambili

ngaphezulu

ngemuva



ngaphambili

ngaphezulu

ngemuva



Gwala isitimela eside.

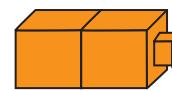
ngaphezulu



ngeqadi kwe-



ngaphambi kwe-



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11

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25

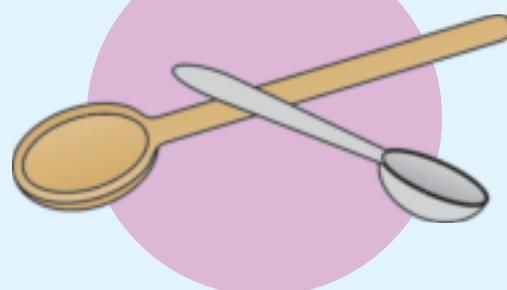
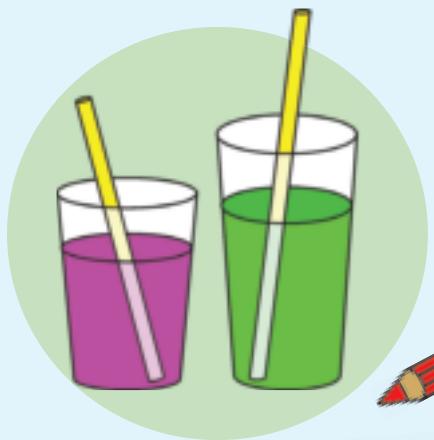
I2b

Ithemu |



Ubude

Ndulungela into efitjhani kesinye  
nesinye isithombe.



efitjhani ede



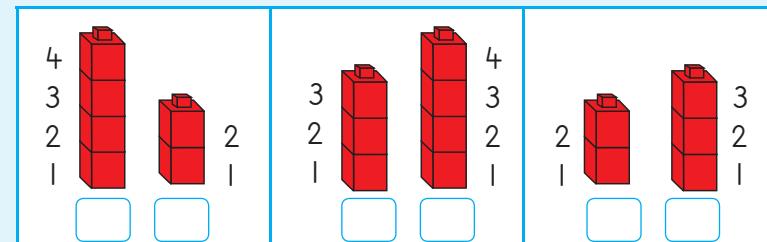
26

1 2 3 4 5 6 7 8 9 10

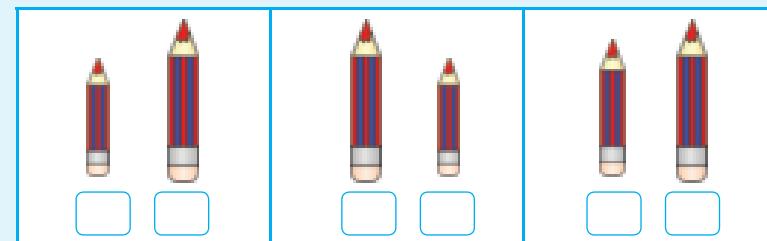


Tshwaya ipendulo enembako.

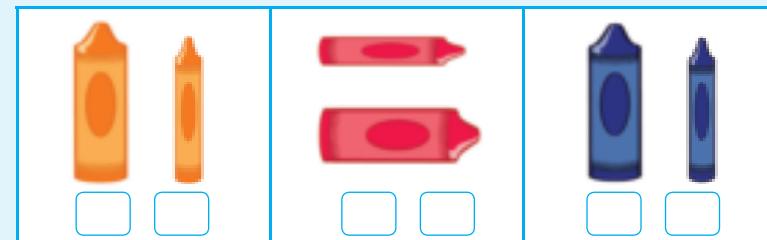
Tshwaya okude khulu.



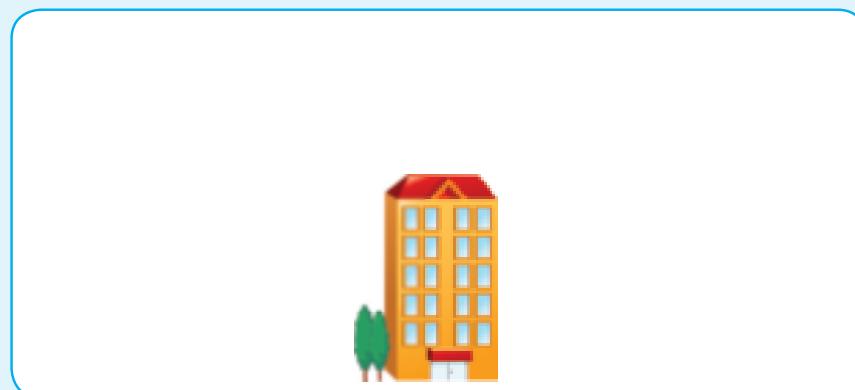
Tshwaya ipensela efitjhani khulu.



Tshwaya ikhrayoni elibanzi.



Gwala: umakhwiwo owodwa omfitjhani nowodwa omude kinalo ongenzasi.



Gwala umlambo owodwa obanzi nomunye owodwa omatsikani kinalo osesithombeni.



Teacher:

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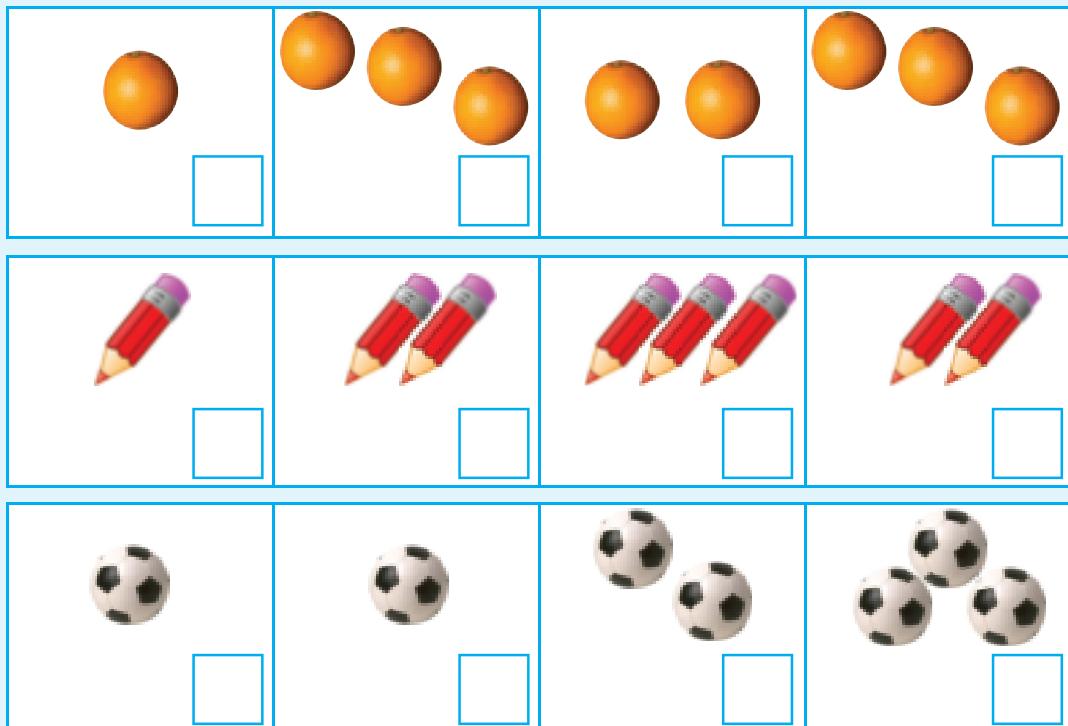
|3

Ithemu |

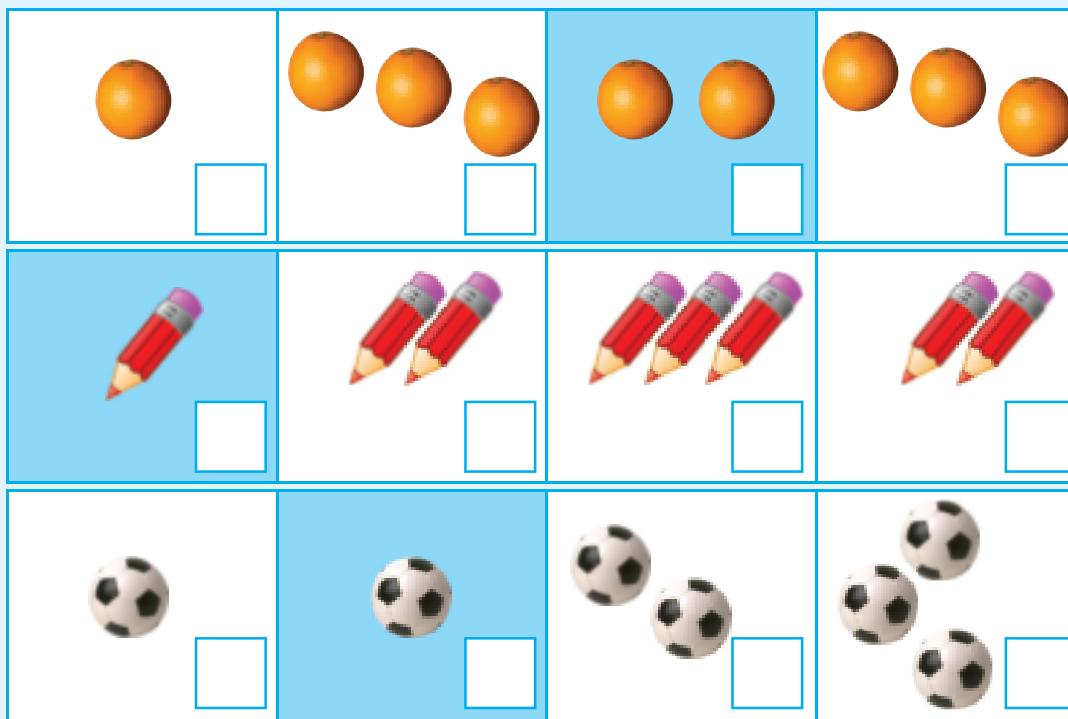


## Madanisa iinomboro 1-3

Tshwaya amabhlogo anenani lezinto ezineenomboro ezifanako.



Tshwaya ibhlogo nanyana amabhlogo anezinto ezinengi kunebhlogo eliphaziweko.



28

1 2 3 4 5 6 7 8 9 10



Kopulula bese ugwala elinye ijamo ngesandleni sokudla.




Gwala elinye ijamo elincani ngesandleni sokudla.




Gwala elinye ijamo elincani ngesandleni sokudla.




Gadangisa inomboro engencani khulu kilezi iinomboro ezimbili.

1	2	3
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Date:



14

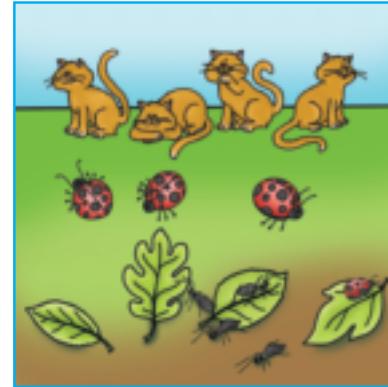
Ithemu |



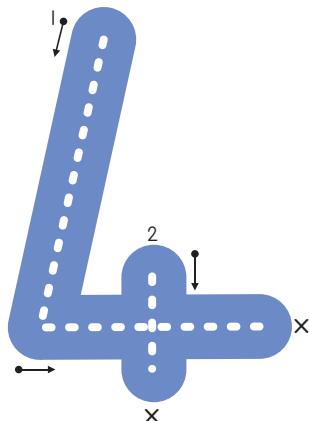
Bala okusesithombeni. Gadangisa igama lenomboro.

## Kune

abokatsu abane



amakari amane



iinunwana ezine

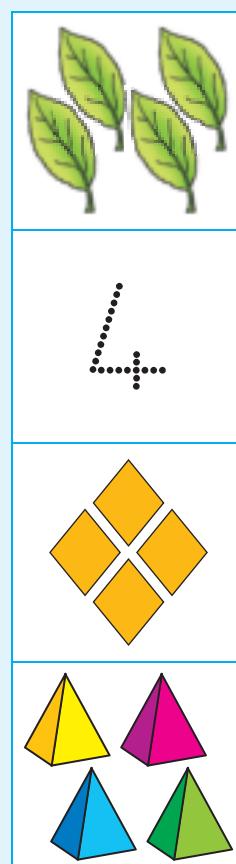
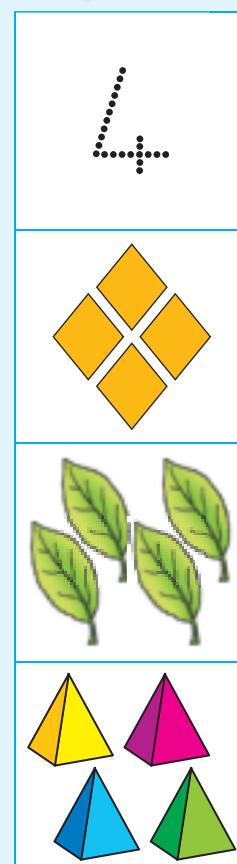
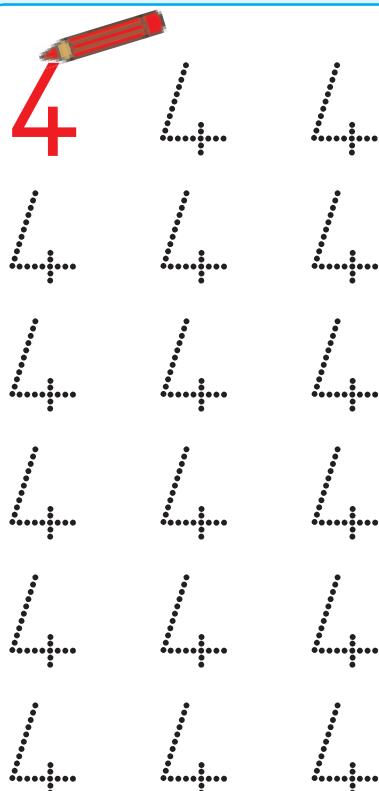
ubutjhontjhwani obune



Landeleta ugadangise inomboro.

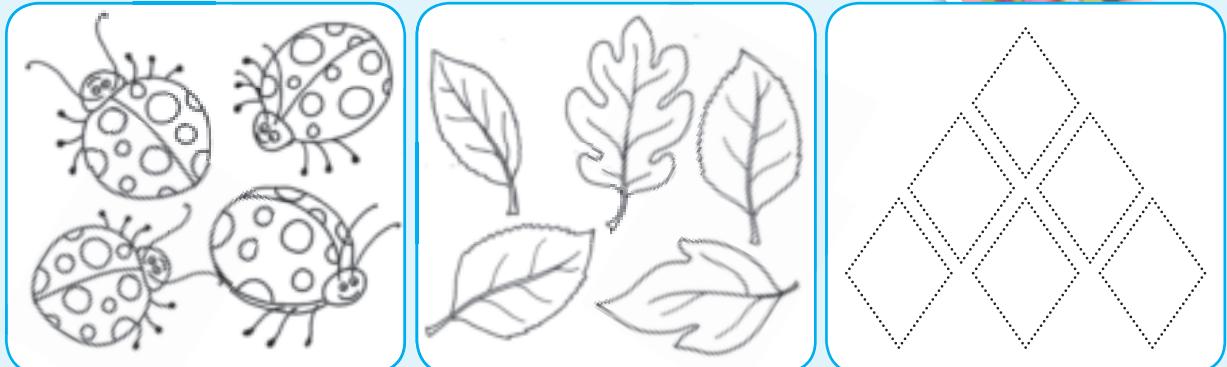


Madanisa iinthombe ezifanako.

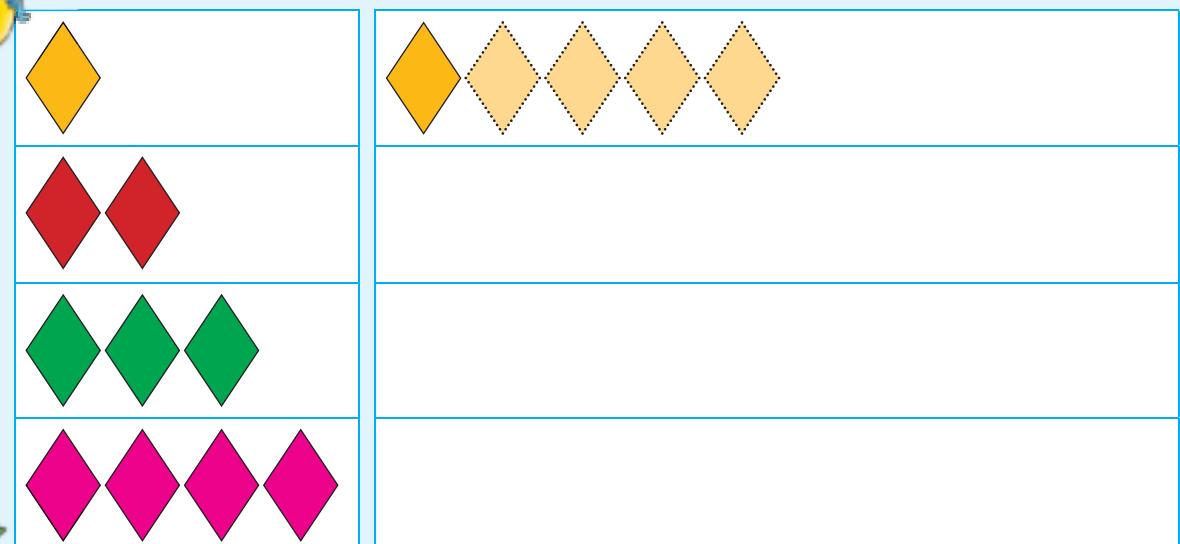




Khalara kube-4 ngebhlogweni ngalinye.



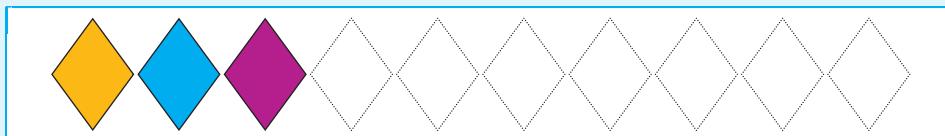
Kopulula bese uwala amanye amajamo ama-4 bese uyawakhala.



Zjayeze inomboro.



Khalara idayimani nawubalako.



Teacher:  
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Date:



15

Ithemu |



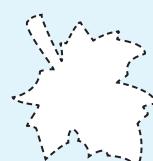
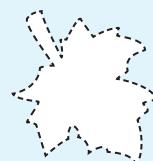
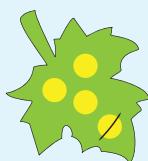
## Hlanganisa bewukhuphe bekufike ku-4

Qedelela okulandelako ngokugwala umgwalo.

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



Kusele iimbalisi  
ezingaki? Zigwale.



Gwala umutjho weenomboro walokhu:

	4	susa	<input type="text"/>	yenza	<input type="text"/>	3
		susa	<input type="text"/>	yenza	<input type="text"/>	
		susa	<input type="text"/>	yenza	<input type="text"/>	



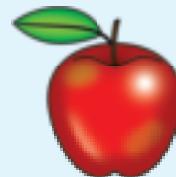


5

Hlanganisa okulandelako bese uqedelela ngependulo.



na



oku-| noku-2 kwenza

3



na



oku-2 noku-2 kwenza



na



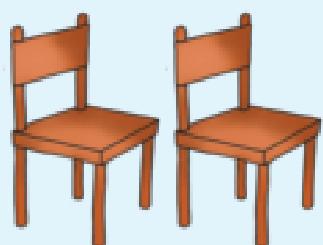
oku-3 noku-| kwenza



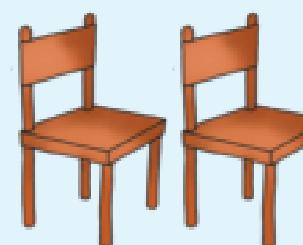
na



oku-| noku-3 kwenza



na



oku-2 noku-2 kwenza



Teacher:  
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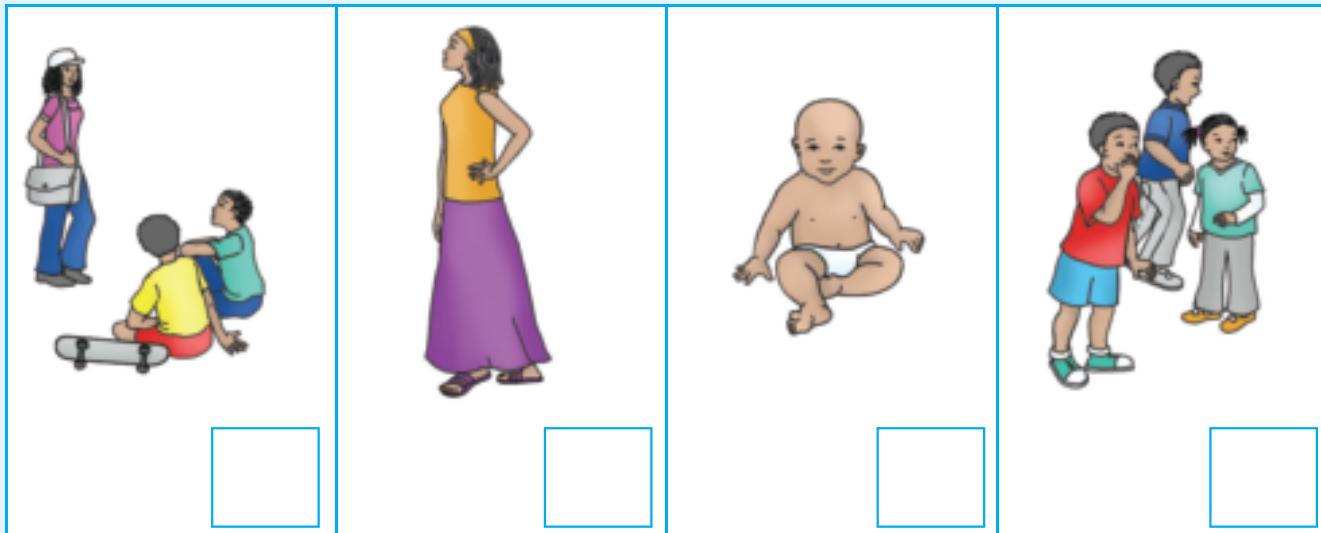
16

Ithemu |

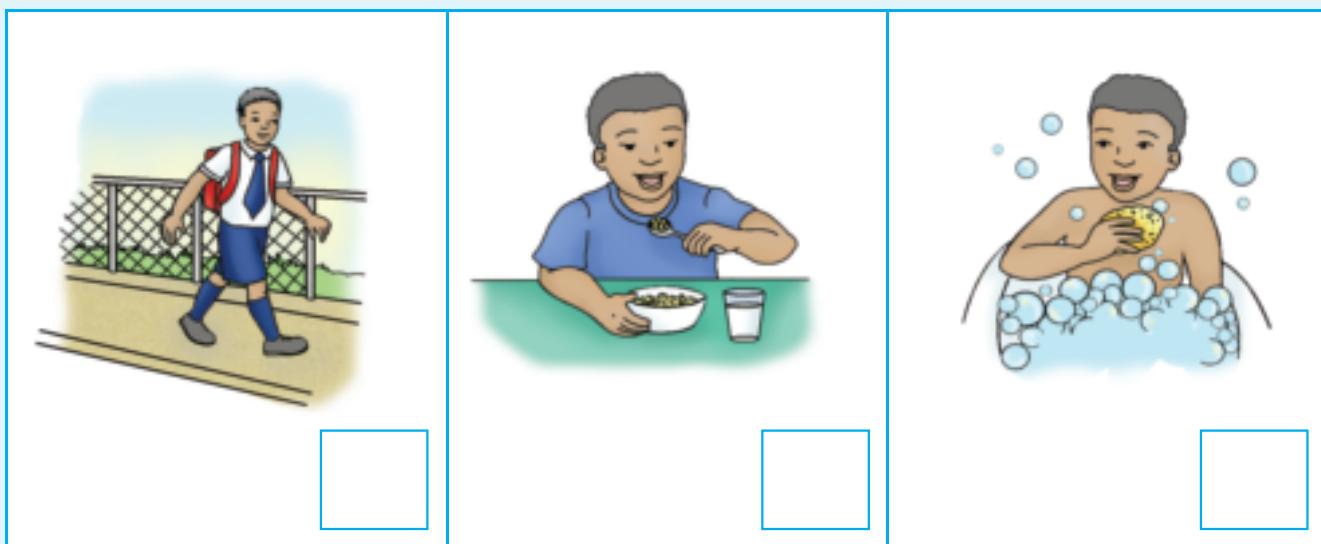


## Isikhathi

Tlola iinomboro ukusuka ku-1 ukufika ku-4 ngemabhlogweni ukutjengisa ukulamana kweengaba zokukhula komuntu.



Tshwaya utjho kobana ngikuphi ongakwenza msinya.

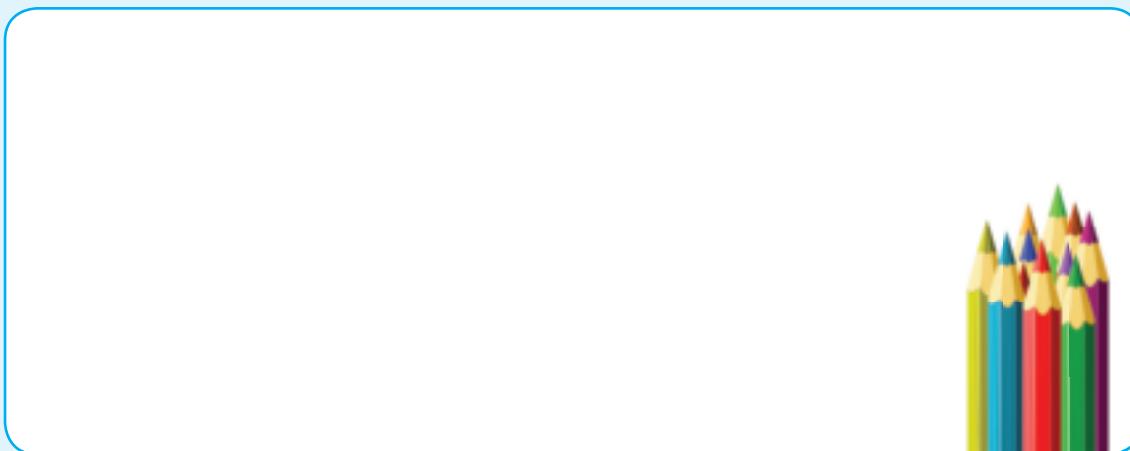


1      2      3      4      1      2      3      4

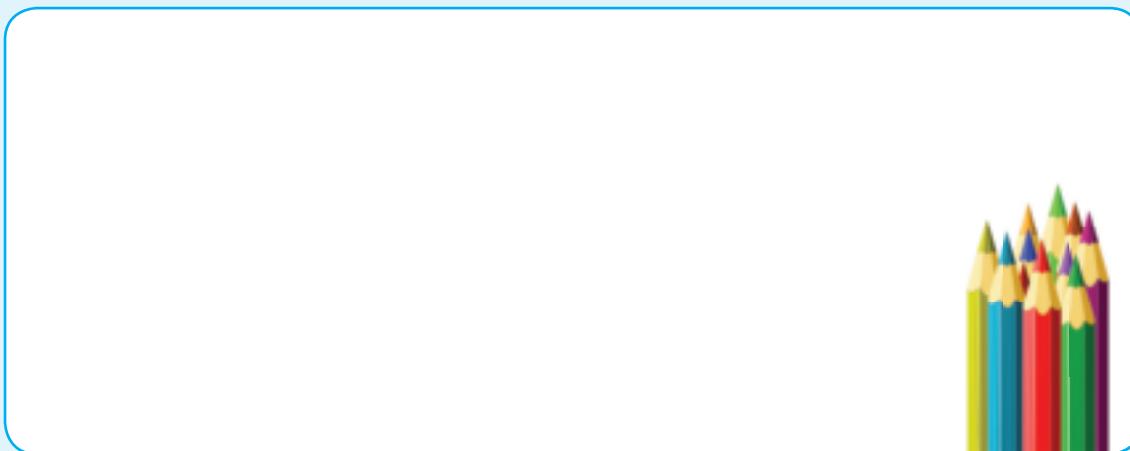


Gwala into ethileko:

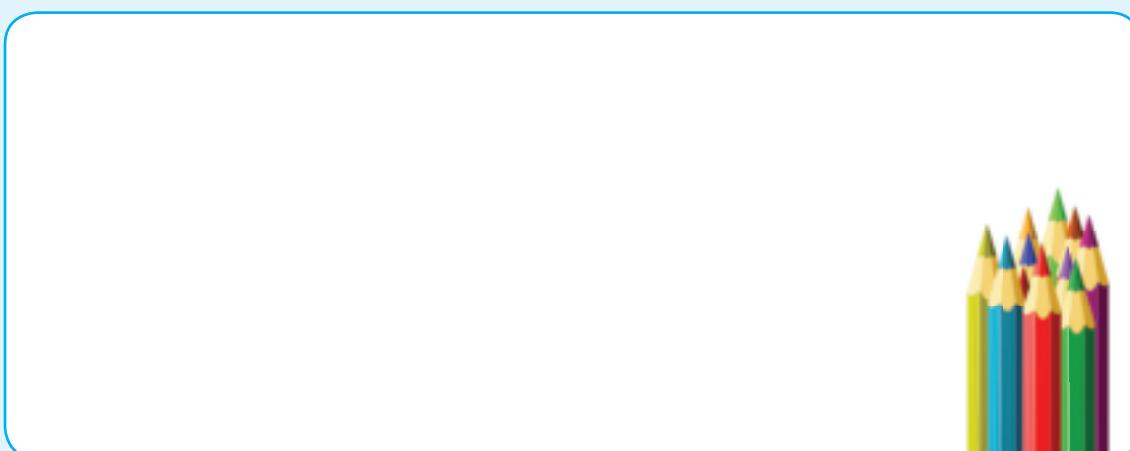
a. wenze lokhu izolo



b. wenze lokhu namhlanje



c. ozokwenza kusasa



Teacher: Sign:
Date:





## Kuhlanu

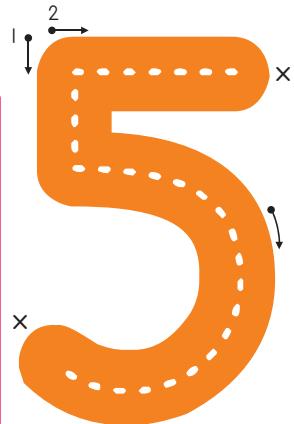
Bala okusesithombeni. Giadangisa ibizo lenomboro.

abonoompopi abahlanu

amaswidi amahlanu

iinkwekwezi ezhlanu

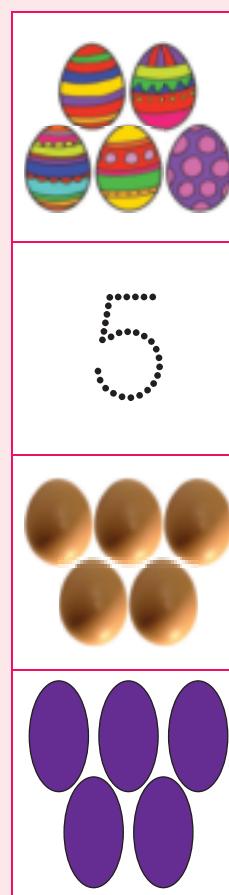
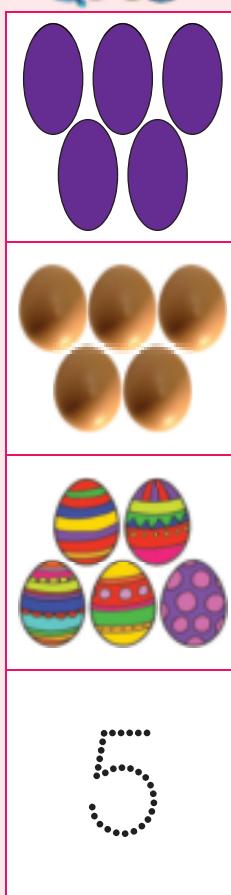
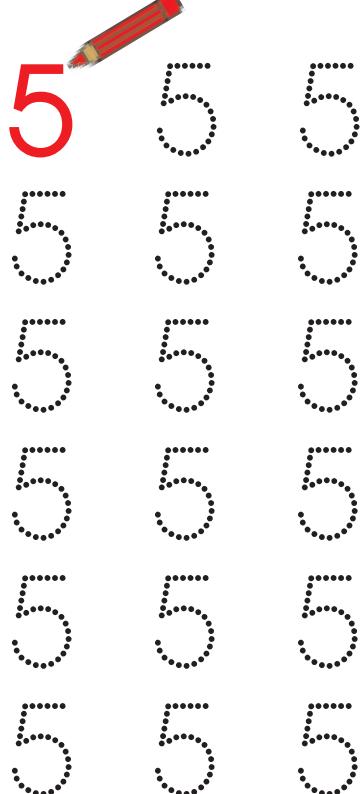
imida emihlanu



Landeleta ugadangise inomboro.

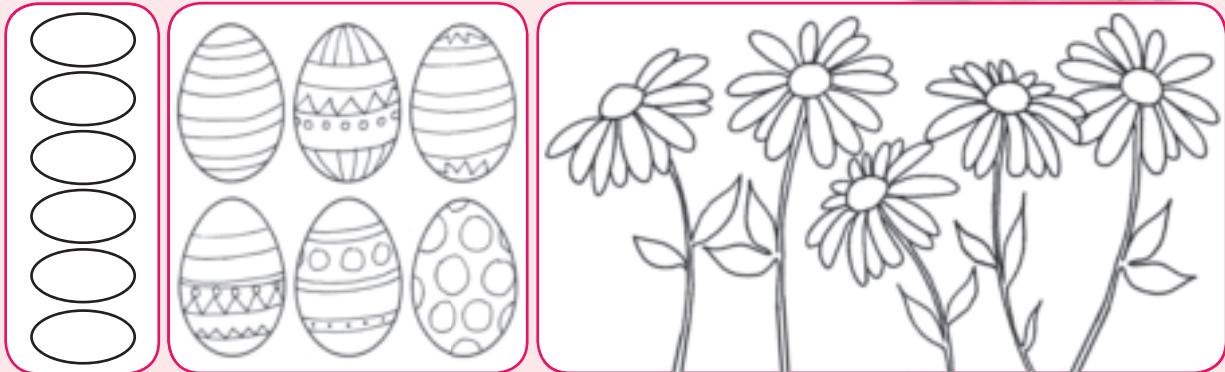


Madanisa iinthombe ezifanako.





Khalara kube ku-5 ngebhlogweni ngalinye.



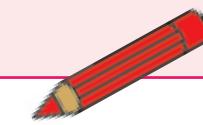
Kopulula bese ugwala okhunye oku-5.



Zjayeze inomboro.



5 kuhlanu



5 5 5 5



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## Buyekeza iinomboro, I kufika ku -5

Zijayeye ukutlola iinomboro lezi.

1 2 3 4 5



Ndulungela iinomboro ekhomba inani.

		2	3	4	5	6	7
		2	3	4	5	6	7
		2	3	4	5	6	7
		2	3	4	5	6	7
		2	3	4	5	6	7



Tlola ibizo lenomboro

	1	kunye
	2	kubili
	3	kathuthu
	4	kune
	5	kuhlanu



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Date:



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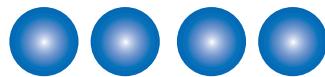


## Hlanganisa ufile koku -5

Hlanganisa umncamo olandelako ngokugwala omunye.



Gwala omunye owodwa.



Gwala eminye imincamo emibili.



Gwala eminye imincamo emithathu.



Bala bewuhlanganise: okulandelako bese uqedelela ngependulo.



na-



2

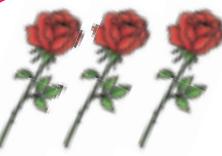
oku-2 noku-2 kwenza 4



na-



oku-2 nokuko-1 kwenza



na-



oku-3 noku-2 kwenza



na-



oku-2 noku-3 kwenza



Gwala abanye aboncantathu. Ngikuphi okuyelelako?



	okhunye oku-1 okungezelelweko	
	okhunye oku-2 okungezelelweko	
	okhunye oku-3 okungezelelweko	
	okhunye oku-4 okungezelelweko	



Gwala ipendulo yakho bese utlola isibalo salokhu:

	na-		nikela	
3	na-	2	nikela	5
	na-		nikela	



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## Khupha ku-5 bewuhlanganise kufike ku-5

Gwala okungaphasi.



	nciphisa ngoku-1	
	nciphisa ngoku-2	
	nciphisa ngoku-3	
	nciphisa ngoku-4	



Tlola isibalo salokhu:

	5	susa		kwenza	4
		susa		kwenza	
		susa		kwenza	



Khupha ngokubala ubuyele emuva.

oku-5 nawususa oku-3



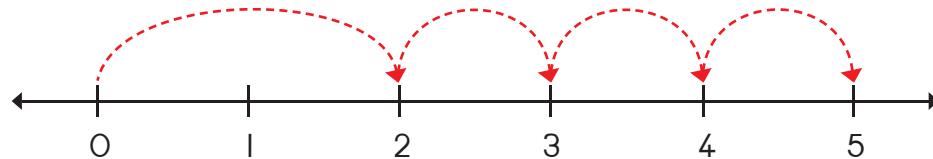
oku-5 nawususa oku-2





Hlanganisa ngokubala uye phambili.

oku-2 hlanganisa noku-3



oku-1 hlanganisa noku-4



Tjengisa isibalo enambalayinini.

oku-5 susa oku-2



oku-5 susa oku-4



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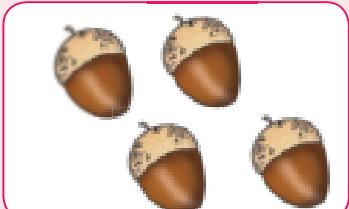


## Hlanganisa bese uyakhupha bewufike ku-5

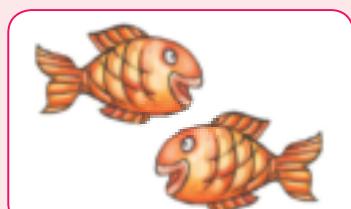
Qedelela okulandelako:



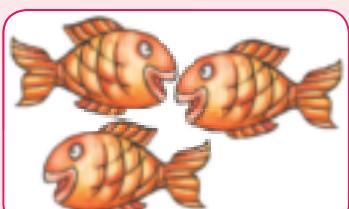
na-



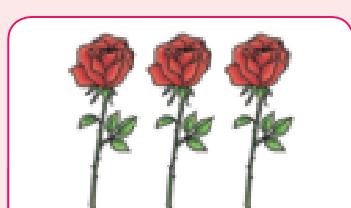
nginikela



na-



nginikela



na-



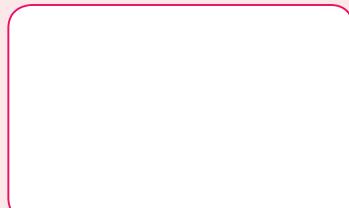
nginikela



Qedelela okulandelako:



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nginikela



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nginikela



na-



nginikela



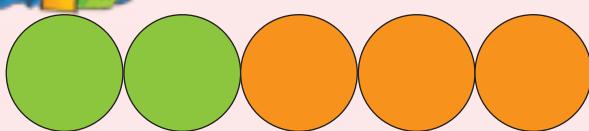




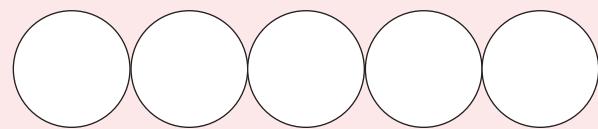
## Ukuhlanganisa nokukhupha kusuka ku-1 ufile ku-5



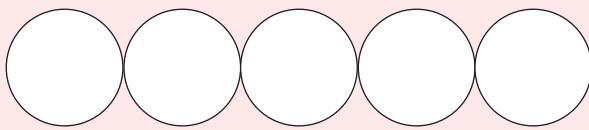
Khalara umncamo ukutjengisa:



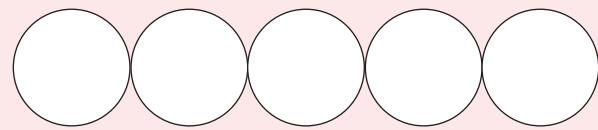
oku-2 noku-3 kwenza oku-5



oku-1 noku-4 kwenza oku-5



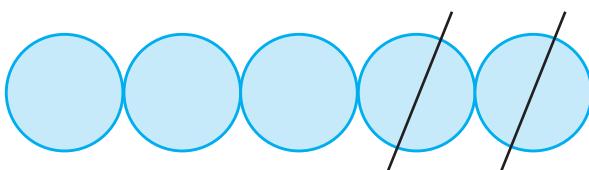
oku-3 noku-2 kwenza oku-5



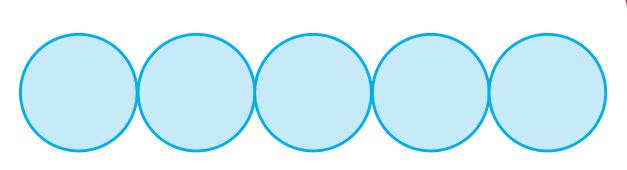
oku-4 noku-1 kwenza oku-5



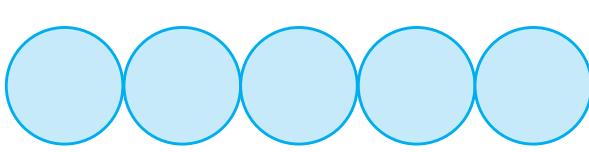
Thala umuda emncameni ukutjengisa:



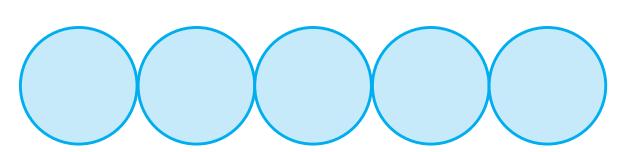
nawususa oku-2 koku-5 ipendulo ngoku-3



nawususa oku-1 koku-5 ipendulo ngoku-4



nawususa oku-3 koku-5 ipendulo ngoku-2



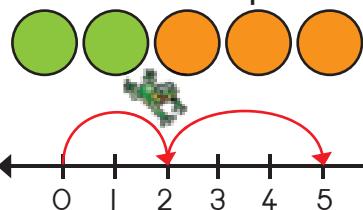
nawususa oku-4 koku-5 ipendulo ngoku-1



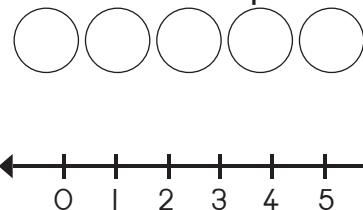


Khalara umncamo. Siza isirhwarhwa ukusitjengisa inambalayini.

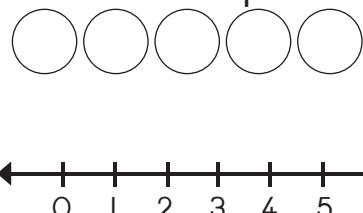
oku-2 noku-3, ipendulo



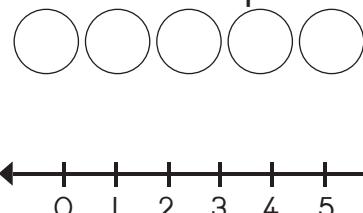
oku-3 noku-2, ipendulo



oku-1 noku-4, ipendulo

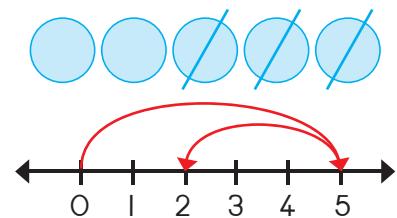


oku-4 noku-1, ipendulo

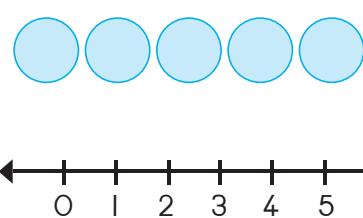


Thala umuda emcameni owususileko bese utjengisa ngenambalayini.

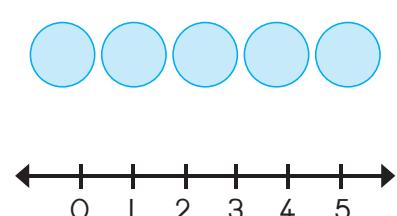
oku-5 susa oku-3



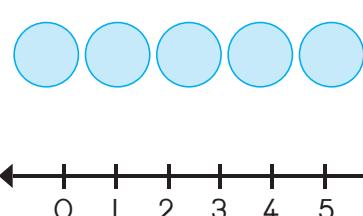
oku-5 susa oku-2



oku-5 susa oku-1



oku-5 susa oku-4



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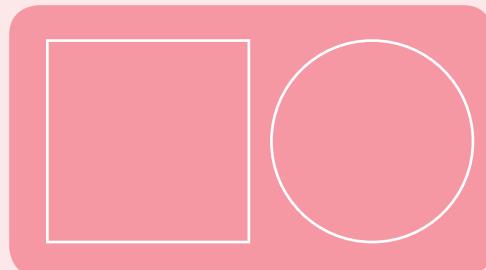
23

Ithemu |



## Imbholo namabhoksi

Ngiyiphi kilezi efana namabhoksi?  
Ngiyiphi kilezi efana neembhlolo?  
Ngiyiphi engagededeka namtjhana itjhelele?

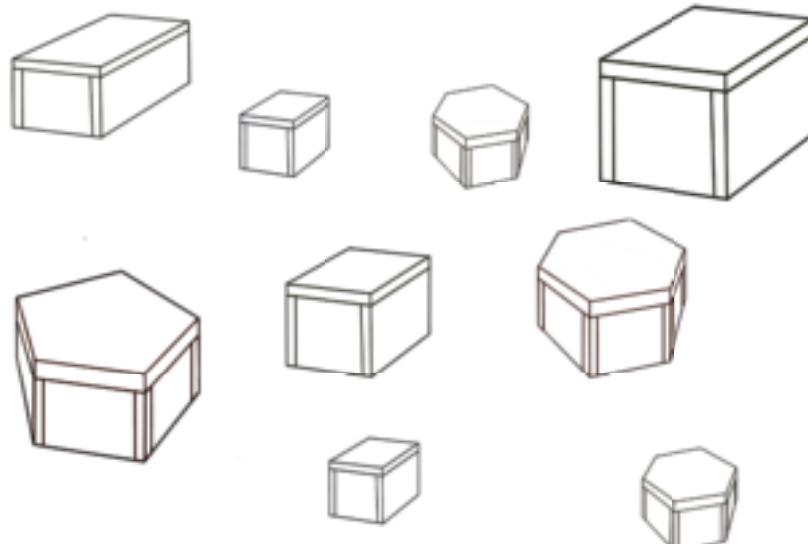
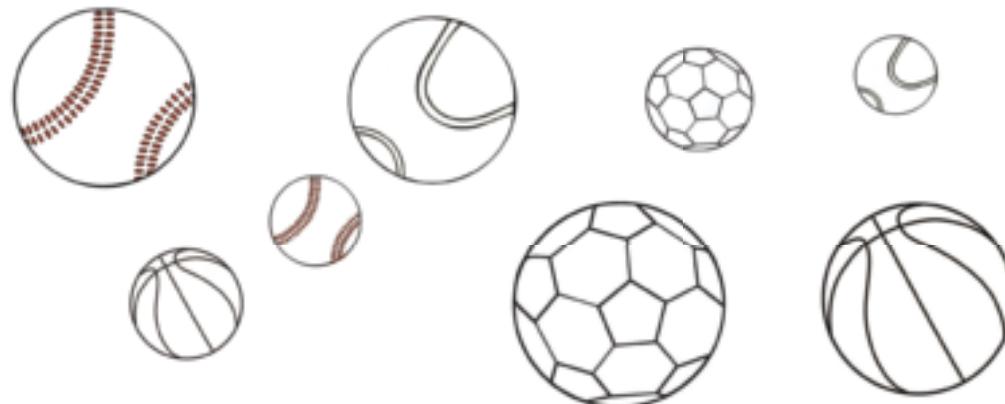


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Khalara koke:

- Amabhoksi amancani neembholo ngokubovu
- Amabhoksi amakhulu neembholo ezikulu ngokuhlaza sasibhakabhaka



Gadangisa amagama.

ibhoksi

ibholo

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Ithemu |

## Ngesinceleni nangesidleni



	ngesinceleni	ngesidleni
Umuthi unge	<input type="checkbox"/>	<input type="checkbox"/>
Imodere inge	<input type="checkbox"/>	<input type="checkbox"/>
Indlu inge	<input type="checkbox"/>	<input type="checkbox"/>
Inyoni inge	<input type="checkbox"/>	<input type="checkbox"/>
Isidleke singe	<input type="checkbox"/>	<input type="checkbox"/>

	ngesinceleni	ngesidleni
Inja inge	<input type="checkbox"/>	<input type="checkbox"/>
Imvu inge	<input type="checkbox"/>	<input type="checkbox"/>
Indlu inge	<input type="checkbox"/>	<input type="checkbox"/>
Isikolo singe	<input type="checkbox"/>	<input type="checkbox"/>
Ithuthumbo linge	<input type="checkbox"/>	<input type="checkbox"/>



Ndulungela isandla sakhe sangesidleni.  
Ndulungela inyawo lakhe langesidleni.  
Jama njengomsana ukhombise isandla  
sakho sangesidleni.

Ngesidleni

Ngesinceleni



Zijayeze ukutlola iinomboro lezi.



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Ithemu I

## Ukulayela



Siza umcasa ufunyane lapha kuneenkhwende.  
Ngabe kufuze ujikele **ngesinceleni** nanyana **ngesidleni**?

ngesinceleni	ngesidleni
<input checked="" type="checkbox"/>	

ngesinceleni	ngesidleni

ngesinceleni	ngesidleni

ngesinceleni	ngesidleni



Khalara igama elinembako elizokumadana nomkhonto.

	ngaphezulu	ngesinceleni	ngeñzasi	ngesidleni
	ngaphezulu	ngesinceleni	ngeñzasi	ngesidleni
	ngaphezulu	ngesinceleni	ngeñzasi	ngesidleni
	ngaphezulu	ngesinceleni	ngeñzasi	ngesidleni



Ndulungela umkhonto onembako ozokumadana newokuthoma emudeni.




Teacher:  
Sign:  
Date:



## Ukwakha nokuphula iinomboro

Qedelela ngeenomboro ezinemba ko ebhlogweni ngalinye.



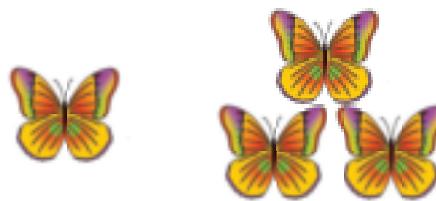
u-  no-  kwenza



u-  no-  kwenza



u-  no-  kwenza



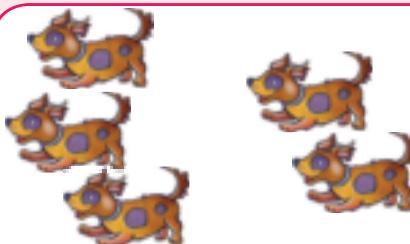
u-  no-  kwenza



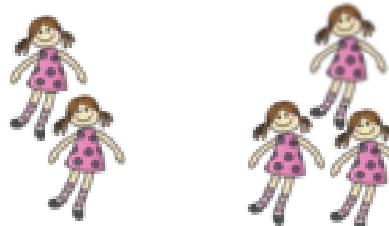
u-  no-  kwenza



u-  no-  kwenza



u-  no-  kwenza

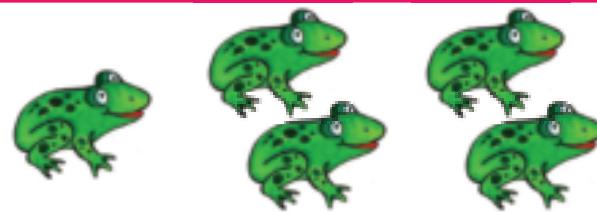


u-  no-  kwenza





Kwanje linga okulandelako.



no-  no-  kwenza



no-  no-  kwenza



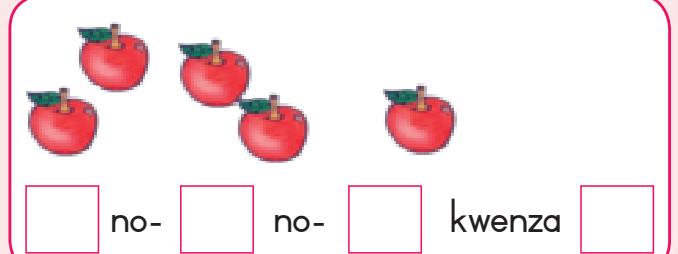
no-  no-  kwenza



no-  no-  kwenza



no-  no-  kwenza



no-  no-  kwenza



Teacher:  
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Date:



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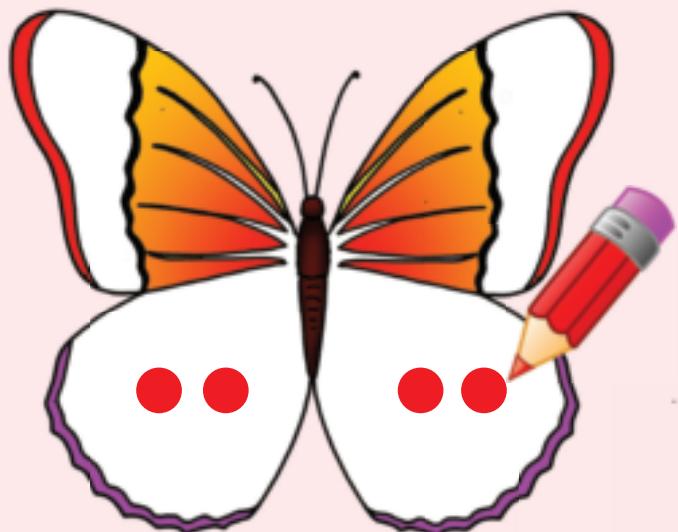
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26

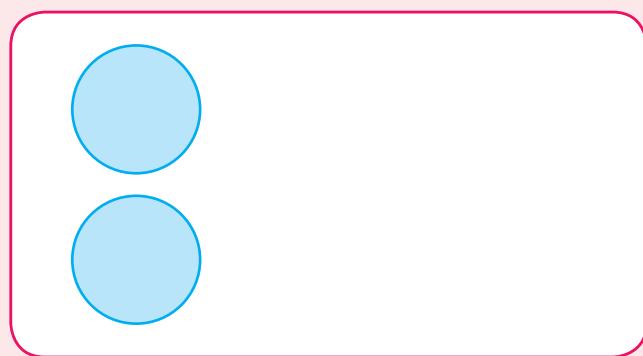
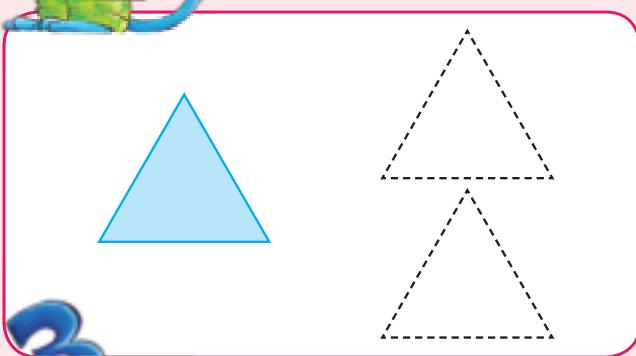
Ithemu |

## Ukuhlanganisa nokubuyelela kibili

Buyelela kibili amacaphaza emaphikweni.



Buyelela kibili amajamo.



Gwala bese uqedelela ngeenomboro.

Ukubuyelela kibili



kwenza



Ukubuyelela kibili



kwenza



Ukubuyelele



kwenza



Ukubuyelela kibili



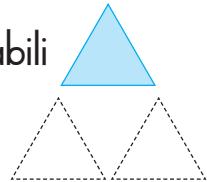
kwenza





Gwala bewuqedeletele ngeenomboro.

Buyelela kibili



kwenza

Buyelela kibili

kwenza

ukuhlanganisa

kwenza

Buyelela kibili



Buyelela kibili

kwenza

kwenza



Buyelela kibili

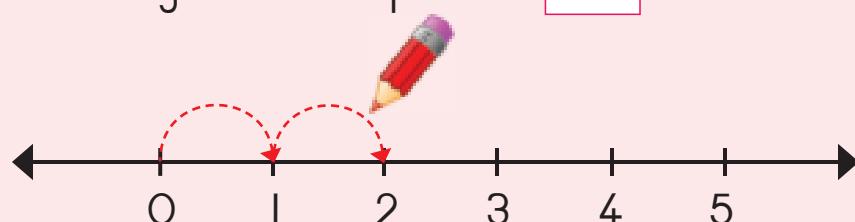
ukuhlanganisa

kwenza



Tjengisa okulandelako kumanambalayini.

Oku-1 nakubuyeletwe kibili, ipendulo



Oku-2 nakubuyeletwe kibili, ipendulo



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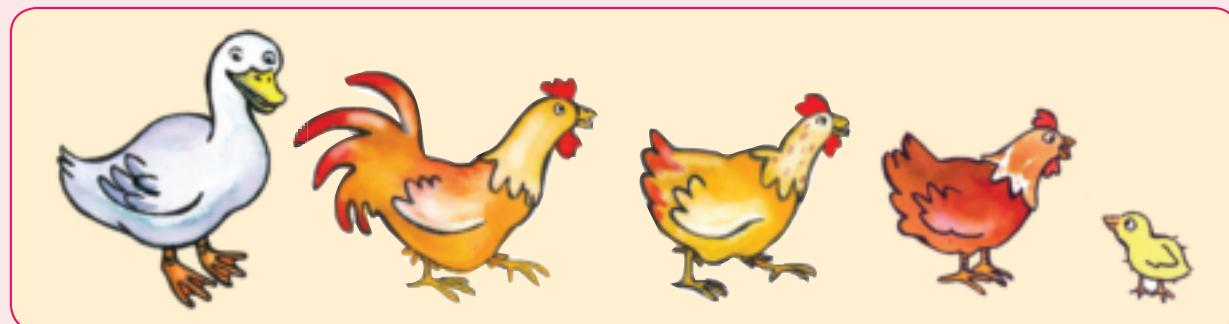
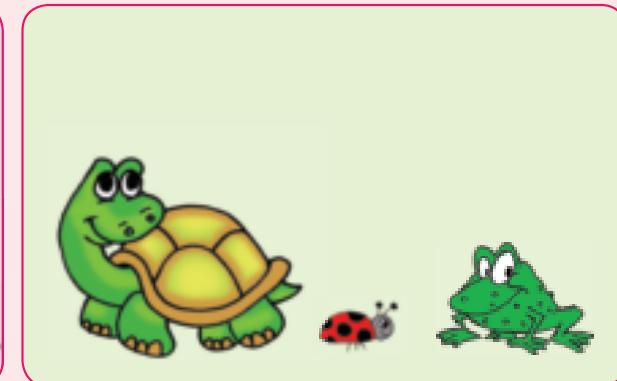
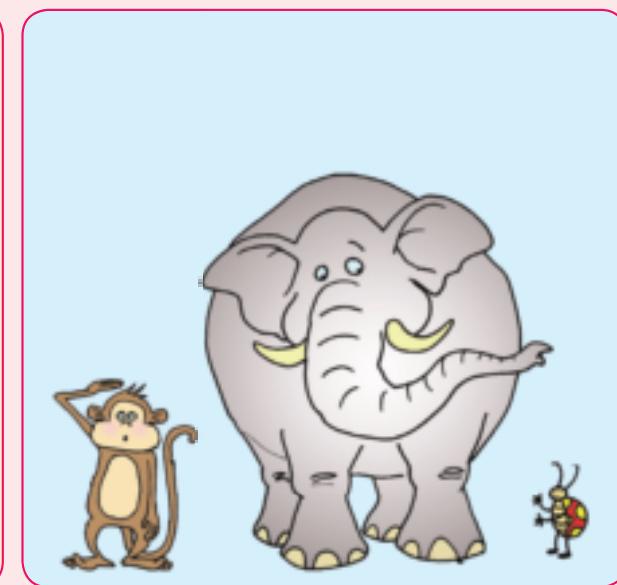
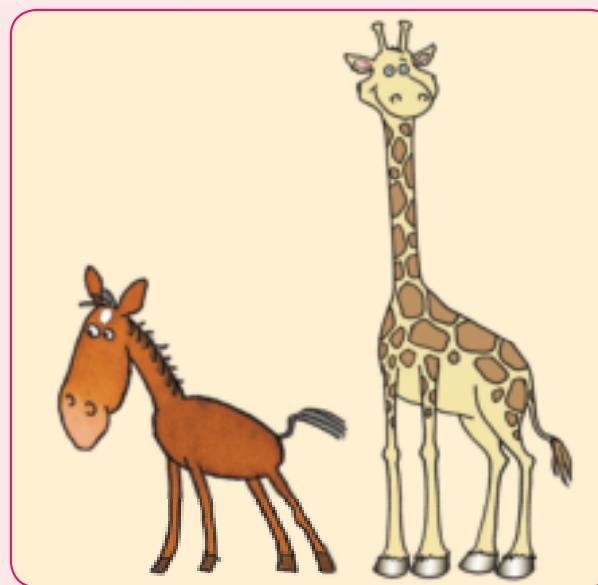
20





## Ubukhulu nobuncani

- Ndulungela ngokubomvu enyamazaneni ekulu bese undulungela ngokuhlaza
- Gwala isikwere undulungele isilwanyana esincani ngaphakathi kwebhoksi.



ekulu encani

ekudlwana encanyana



Gwala ibholo ekulu.



Gwala ibholo encani khulu.



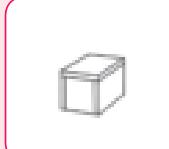
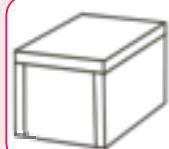
Gwala ibhoksi elincani khulu.



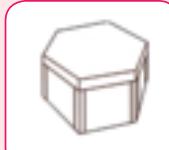
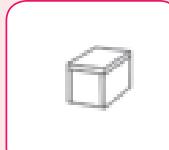
Gwala ibhoksi elikhulu.



Khalara ibhoksi elincani nebholo encani.



Khalara ibhoksi elikhulu nebholo ekulu.



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Ithemu |

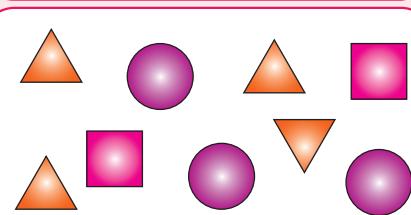
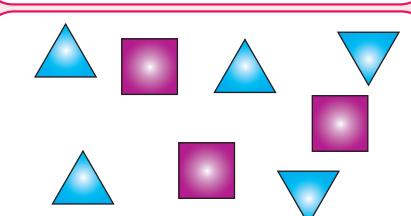
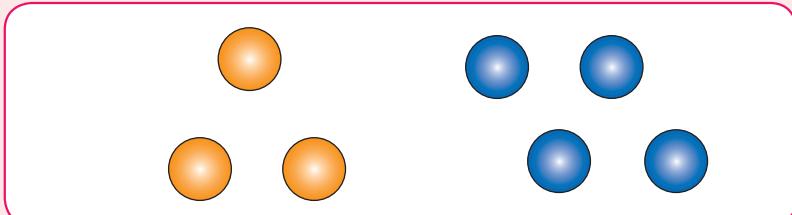
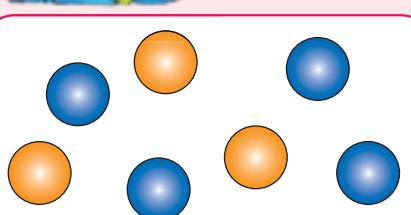


## Hlela izinto

Madanisa izinto ezihleliweko nesithombe.



Hlela ngokwenza umgwalo walokhu okulandelako.

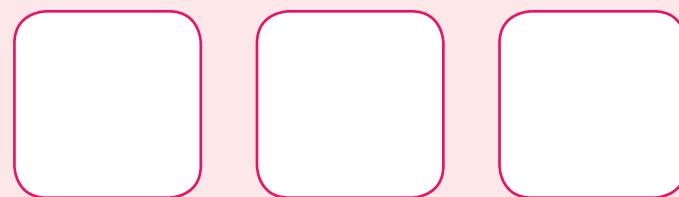
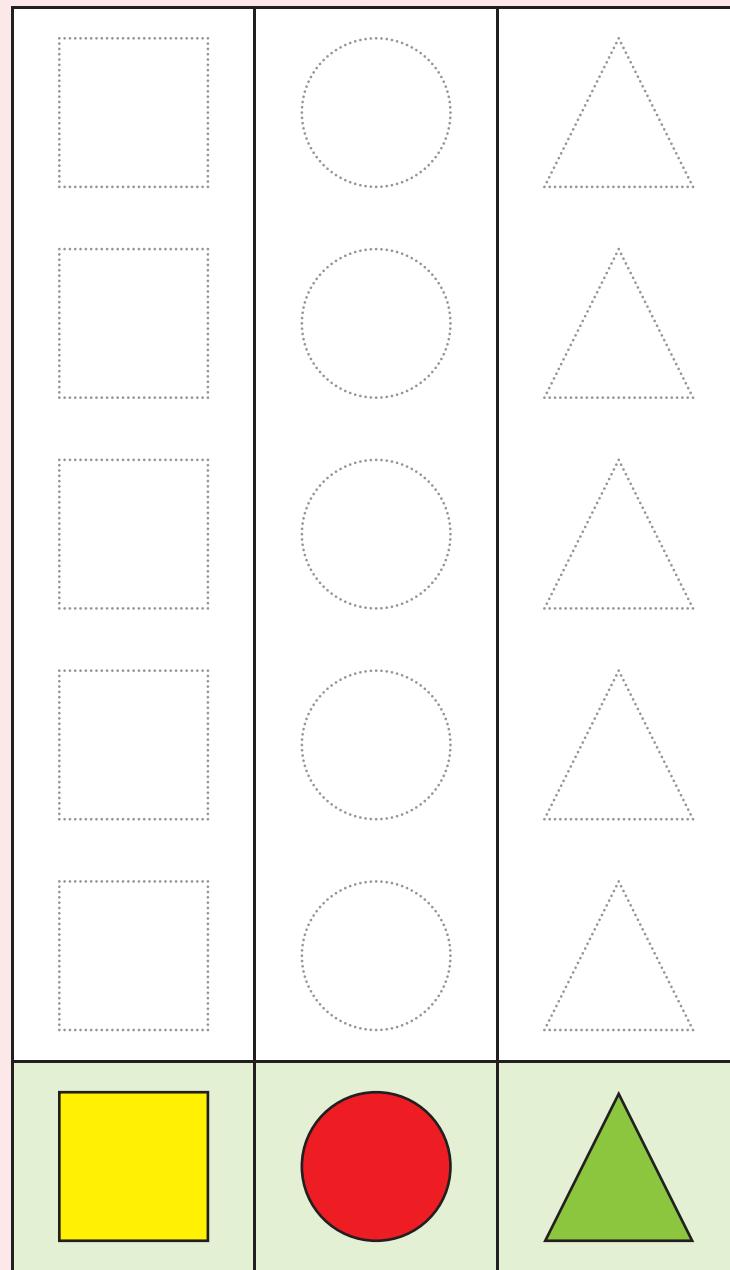
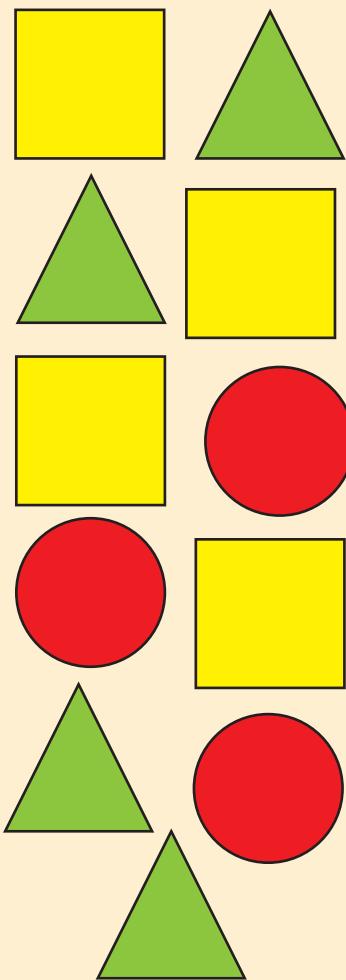


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1 2 3 4 5 6 7 8 9 10



Buyelela ugwale amabumbeko ngaphakathi kwesithombe segrafu bese utlola inani ngenzasi.



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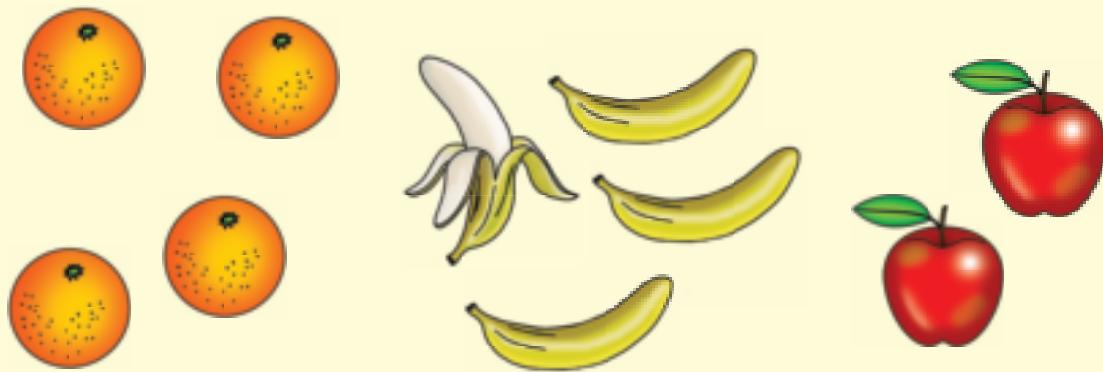
29

Ithemu |



## Asabelane ngokulingana

Bala amalamune, amabhanana nama-apula bese utlola inomboro efaneleko ngebhlogweni.



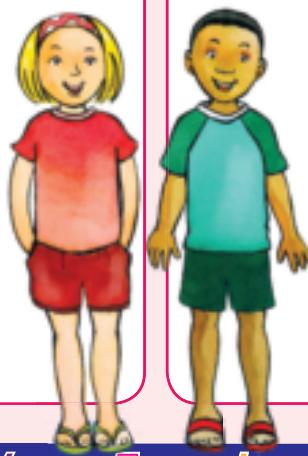
4

amalamune

amabhanana

ama-apula

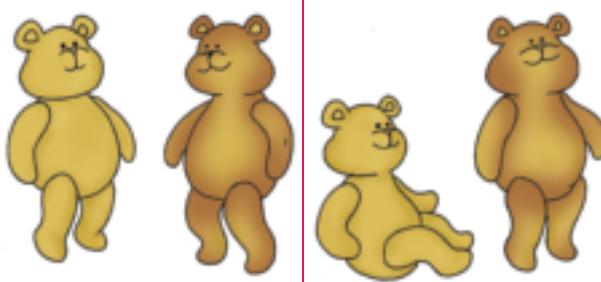
Yabelana bewugwale amalamune namabhanana ngokulingana ebantwaneni ababili.



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Yaba okungaphakathi kwebhoksi kubesiinceny eziambil.  
Gwala iinceny eziambil ebhoksini elingesidleni.



$$\boxed{4} = \boxed{2} + \boxed{2}$$



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



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



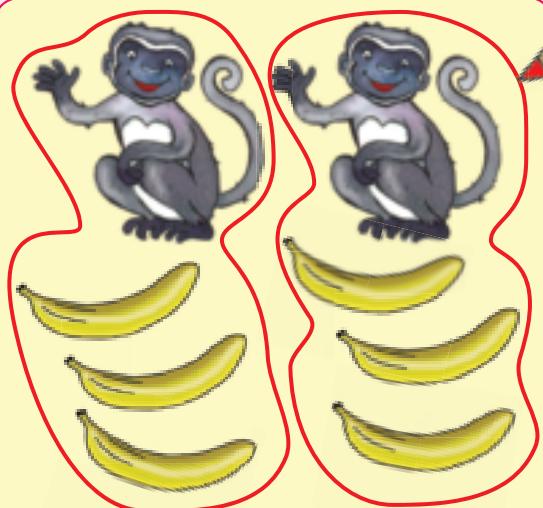
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## Ukwabelana ngokulingana

Ndulungela iinthelo wabele iinyamazana ngokulingana.

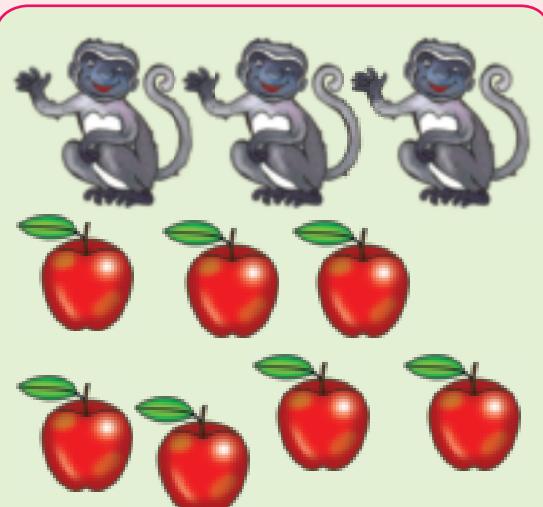


Ikghabu ngayinje ifunyane amabhanana amangaki?

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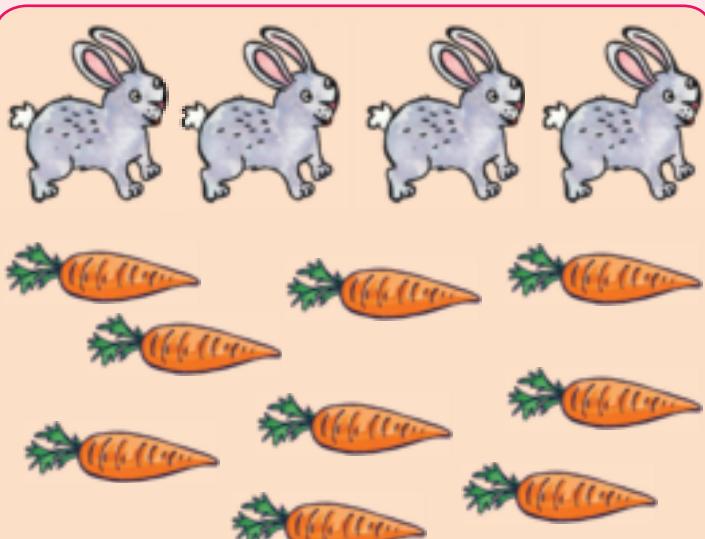


Umqasa ngamunye ufunyane amakheroti amangaki?



Ikghabu ngayinje ifunyane ama-apula amangaki?

Abekhona ama-apula aseleko ngemva kokuwaba ngokulinganako.



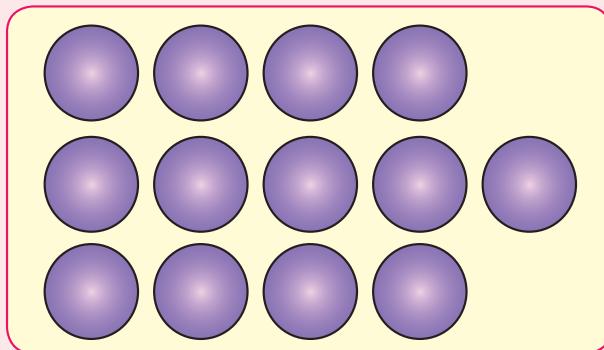
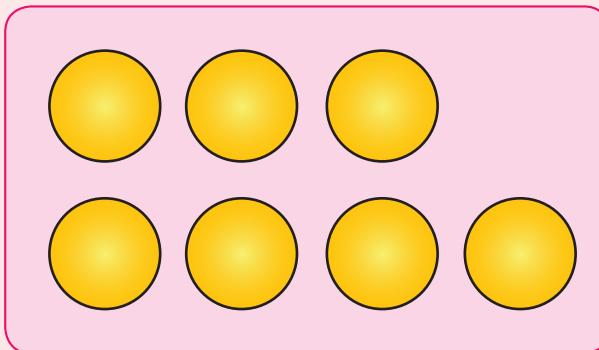
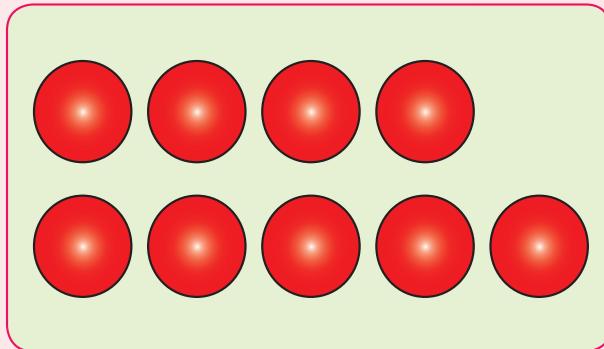
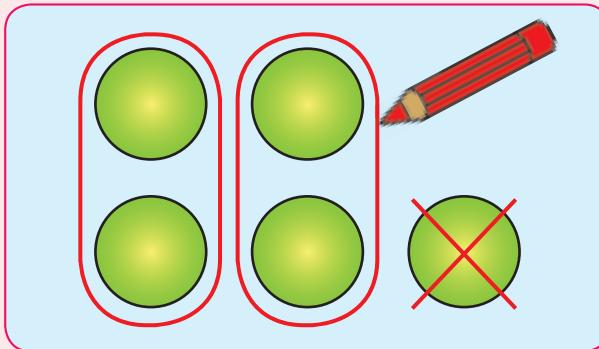
Umqasa ngamunye ufunyane amakheroti amangaki?

Abekhona amakheroti aseleko ngemva kokuwaba ngokulinganako.

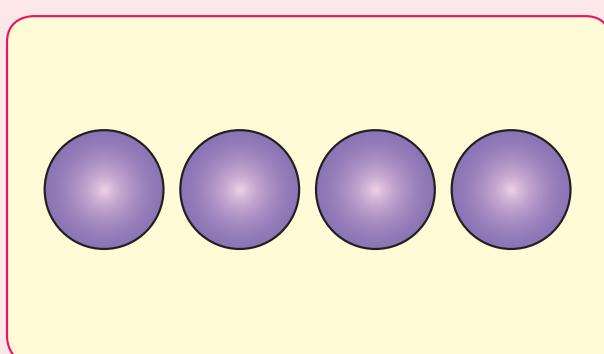
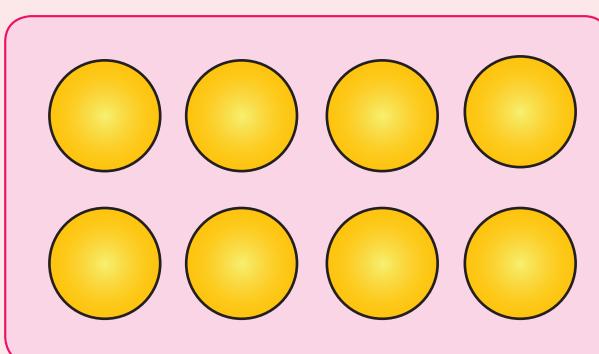
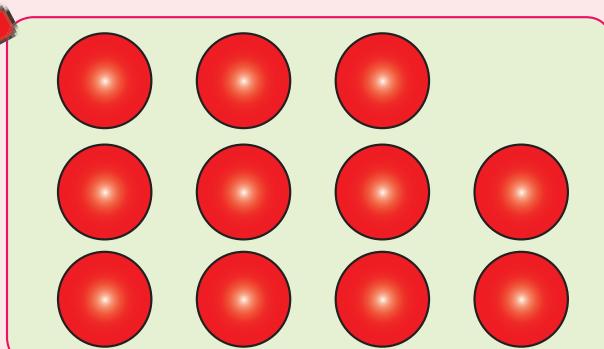
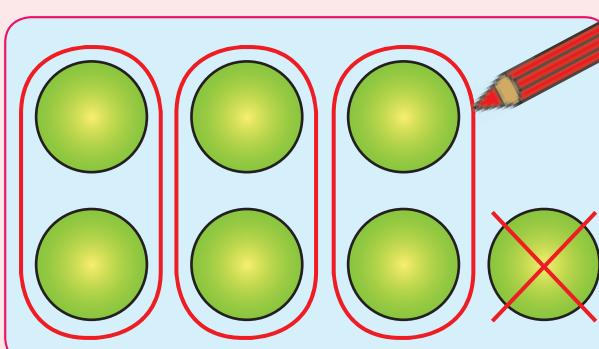




Buthelela iimbalisi ngencenye ezimbili ezilinganako bese ubeka isiphambano phezulu kwesalela.



Buthelela iimbalisi ngencenye ezintathu ezilinganako bese ubeka isiphambano phezulu kwesalela.



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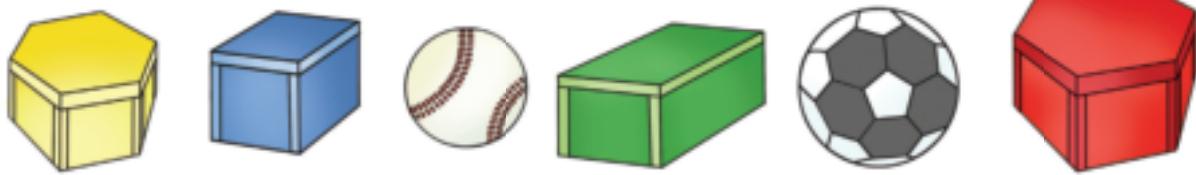
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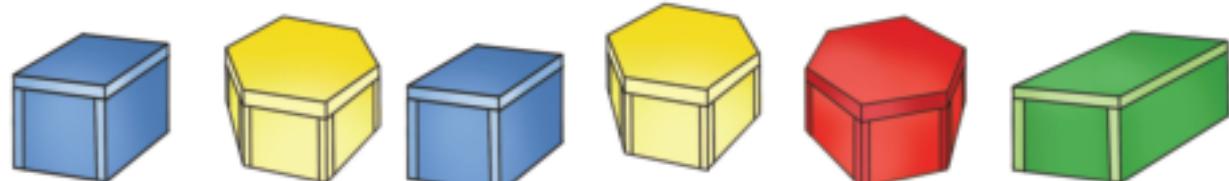
## Ukwakha izinto

Ungawakha umbhotjhongo ngezinto zoke ezilandelako?  
Tshwaya Iye nanyana Awa.



Iye

Awa



Iye

Awa

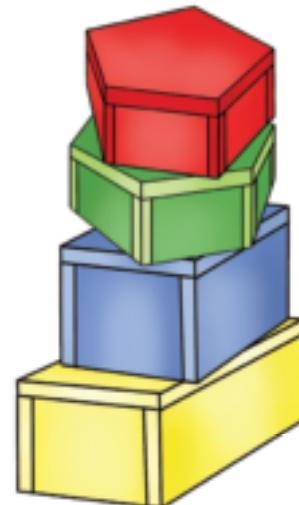
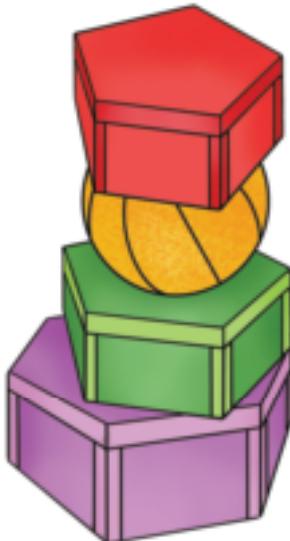
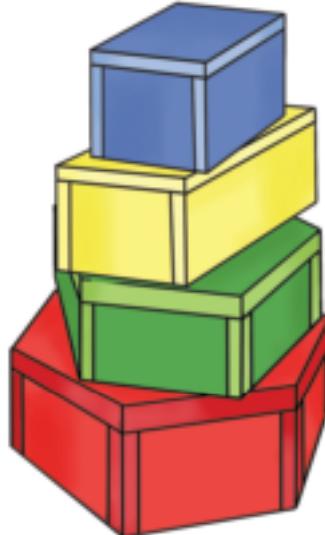


Iye

Awa



Ingabe umbhotjhongo uzokujama nanyana angekhe ujame? Tlola itshwayo ✓ nanyana ✗.



Sebenzisa amagabha womlilo alitjhumi bese uwanamathisela ndawonye ukwenza umakhiwo wakho.

Ingabe ukunamathisela kwenza ukuphattha amabboksi kube lula?



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## Ukutjho isikhathi

Gadangisa iinyanga zomnyaka.  
Khalara ibhaloni enelanga lakho lamabeletho.



uJanabari

uFebherbari

uMatjhi

uApreli

uMeyi

uJuni

uJulayi

uArhostesi

uSeptembra

uOktoba

uNovembra

uDisemba



Gadangisa amalanga weveke.  
Khalara ngebhlogweni utjho kobana kungelesingaki namhlanje.



uMvulo



uLesibili



uLesithathu



uLesine



uLesihlanu



uMgqibelo



Teacher:  
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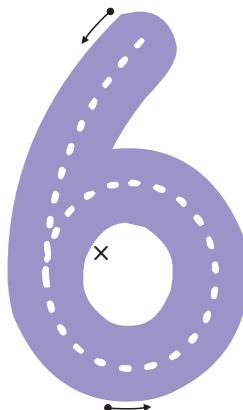
33

Ithemu 2



## Sithandathu

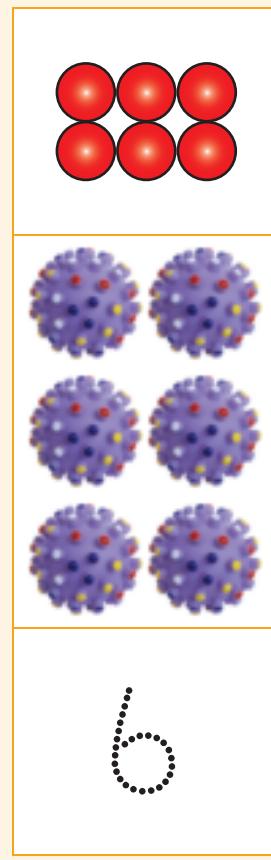
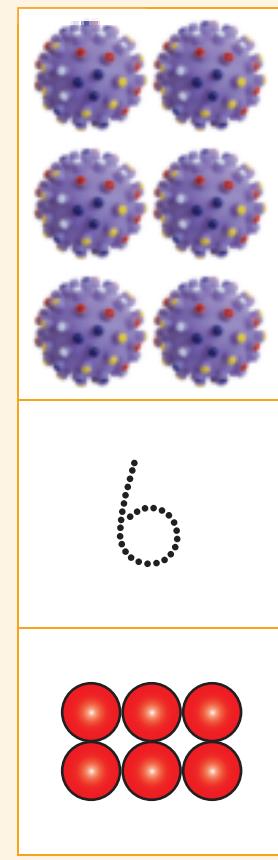
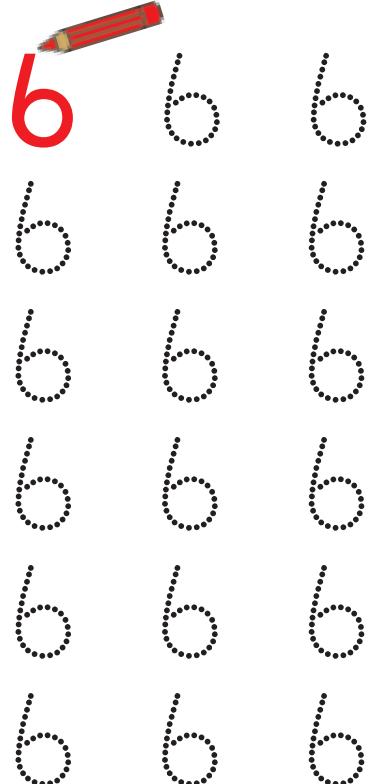
Gwala iindulungu ezisi-6 ngaphakathi kwebhlogo.

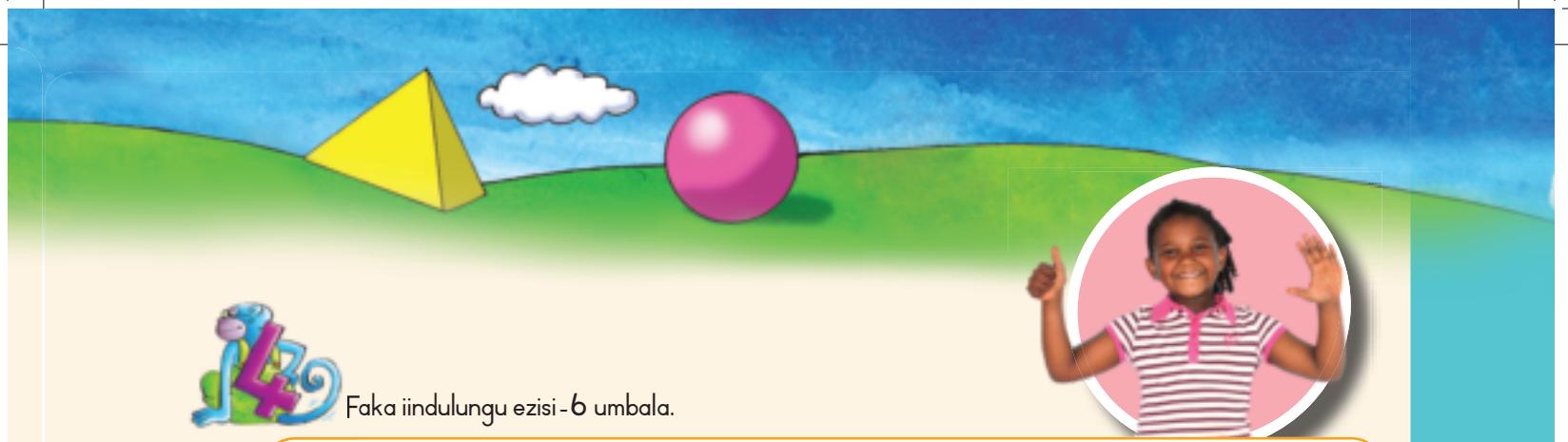


Gadangisa inomboro.

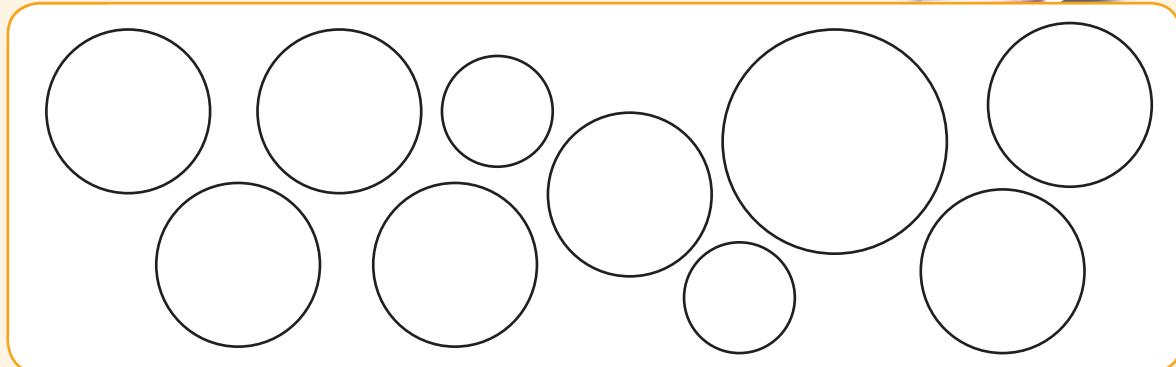


Madanisa iinthombe.

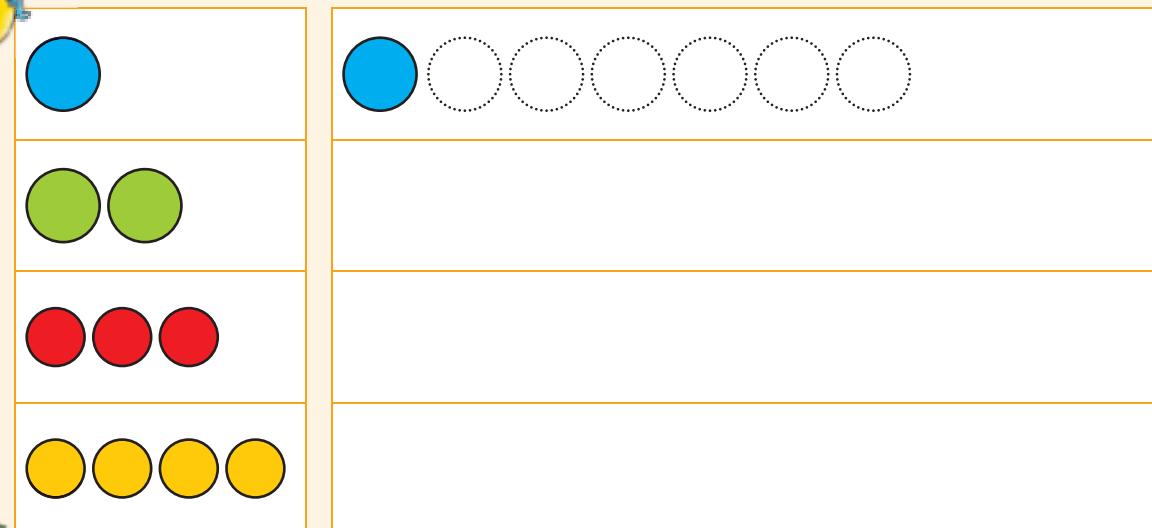




Faka iindulungu ezisi - 6 umbala.



Kopulula bewugwale okhunye okusi - 6.



Zjayeze inomboro.



Faka umbala iindulungu lokha nawubalako.



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Date:



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Ithemu 2



Gwala iindulungu ezili-7.

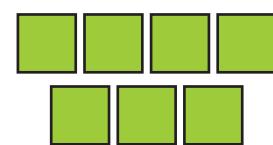
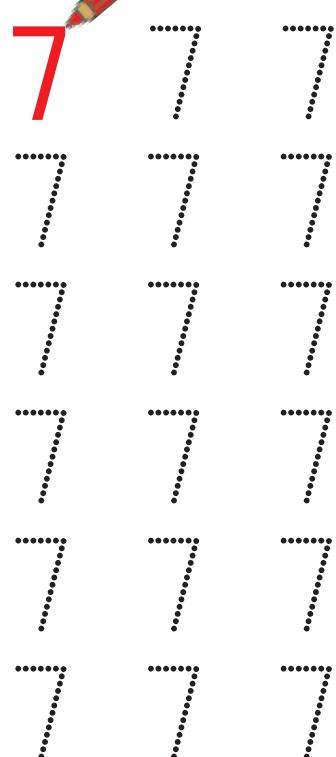
## Ikhomba



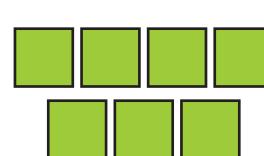
Gadangisa inomboro.



Madanisa iinthombe.



ikhomba

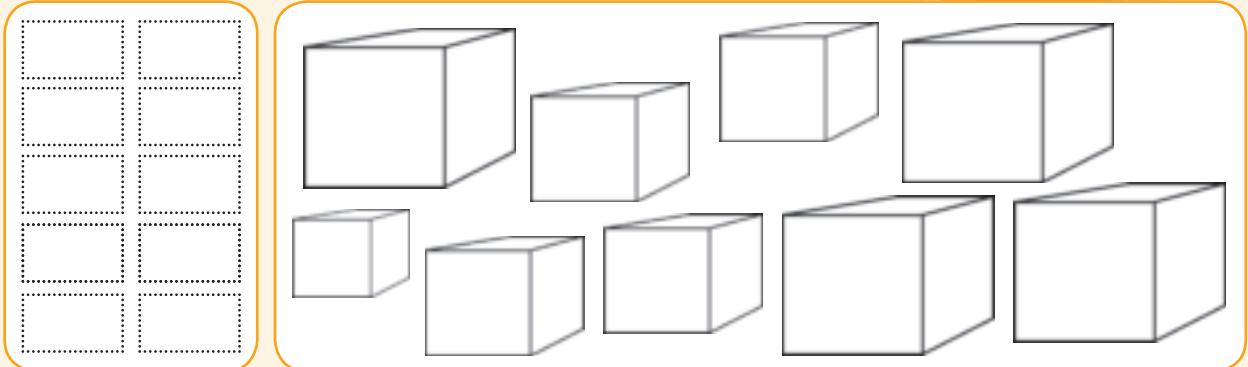


ikhomba

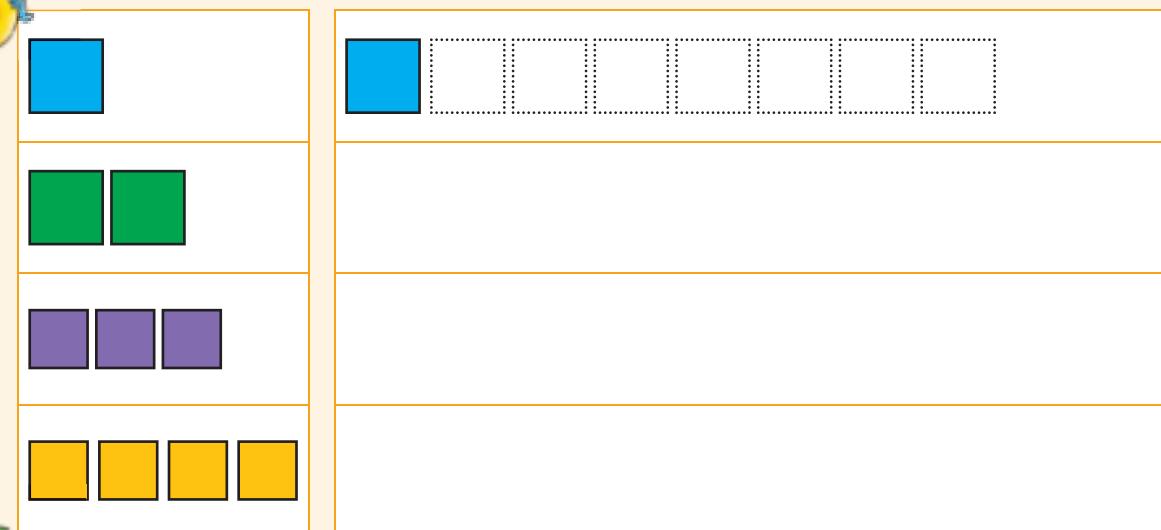




Faka umbala amarekthengela ali-7 kanye nama bhlogo ali-7.



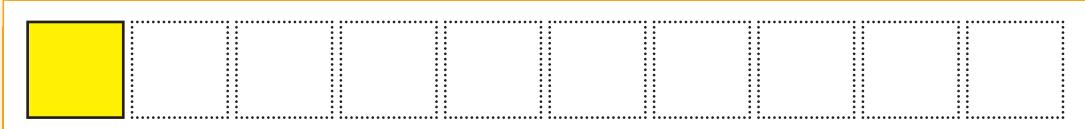
Kopulula bewugwale okhunye okuli-7.



Zjayeze inomboro.



Faka iinkwere umbala nawulokhu ubala.



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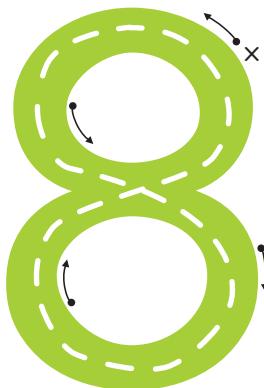
35

Ithemu 2



Gwala amajamo abu-8 ngaphakathi kwebhoksi.

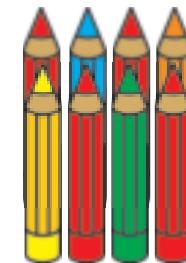
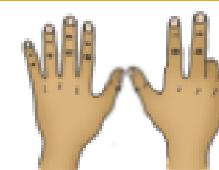
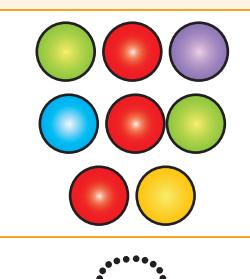
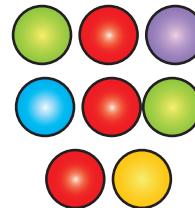
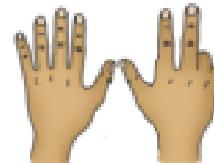
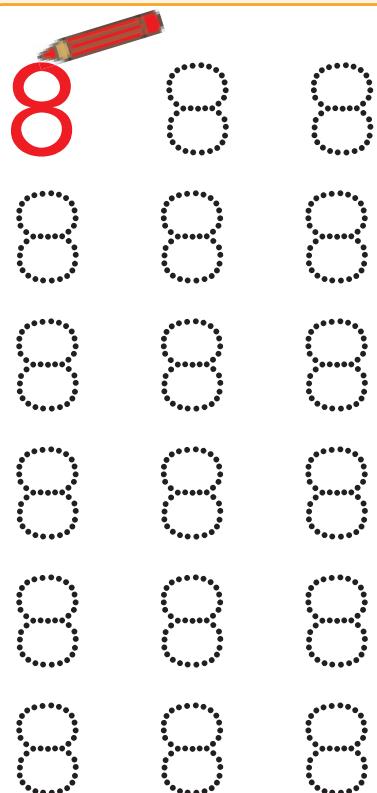
## Bunane

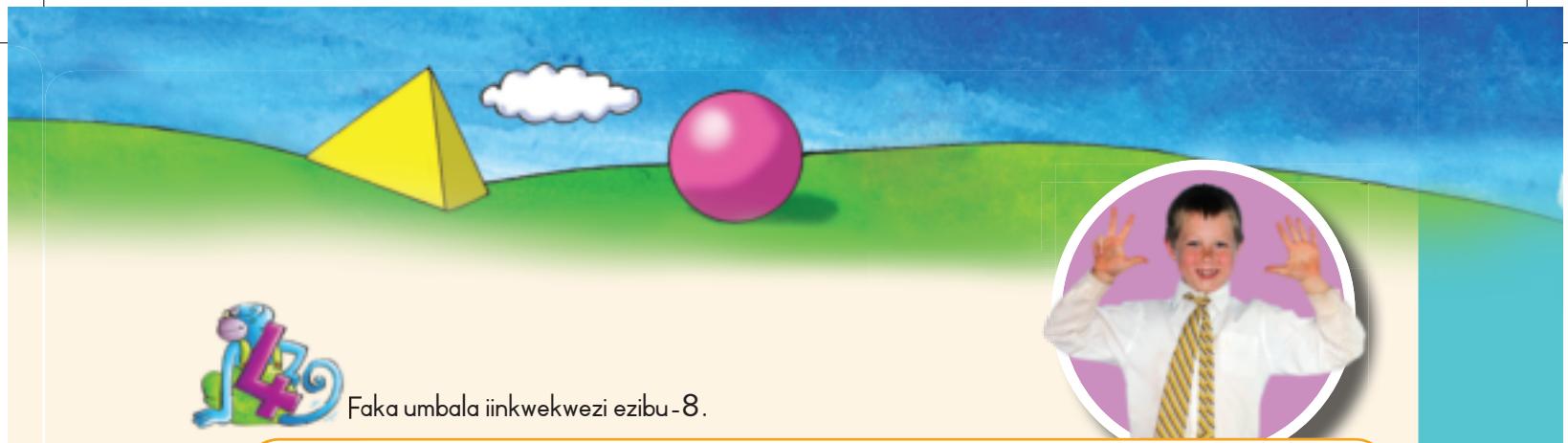


Gadangisa inomboro.



Madanisa iinthombe.

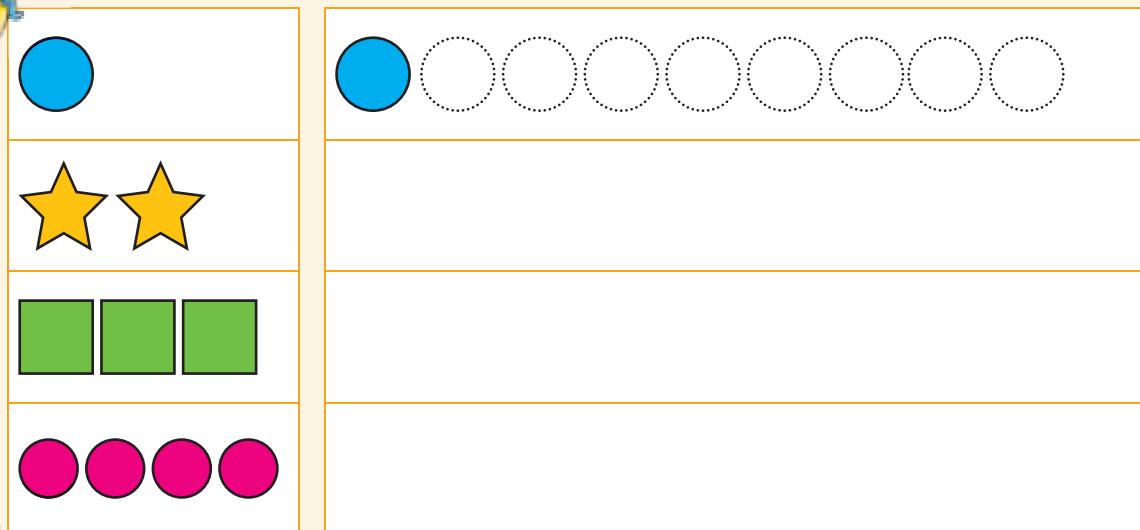




Faka umbala iinkwekwezi ezibu -8.



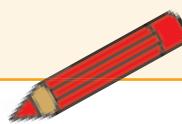
Kopulula bewugwale okhunye okubu -8.



Zjayeze inomboro.



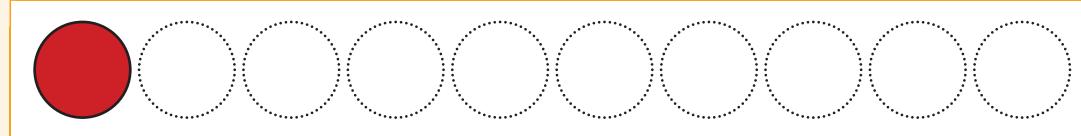
8 bunane



8 8 8 8



Faka iyingi iindulungu nawulokhu ubala.



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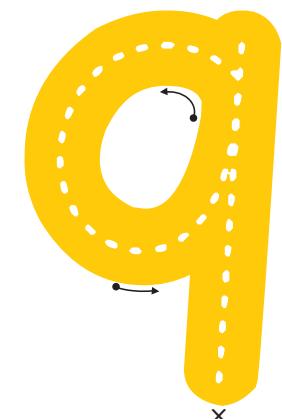
36

Ithemu 2



Gwala iinhлизиyo ezili-**q** ngaphakathi kwebhlogo.

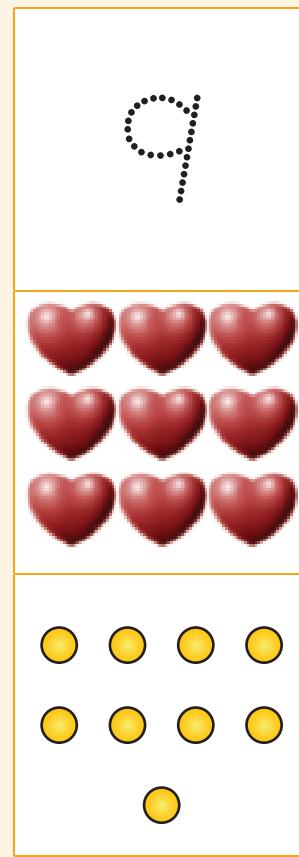
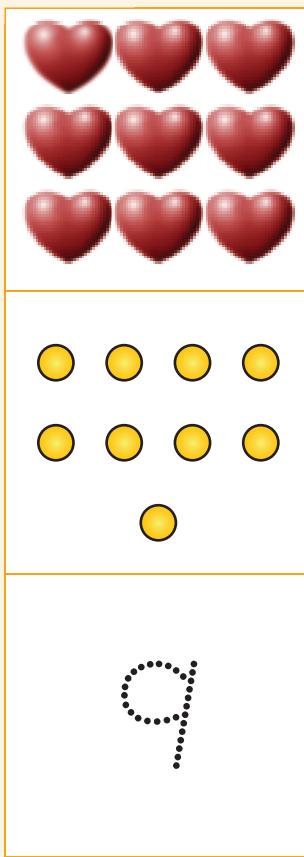
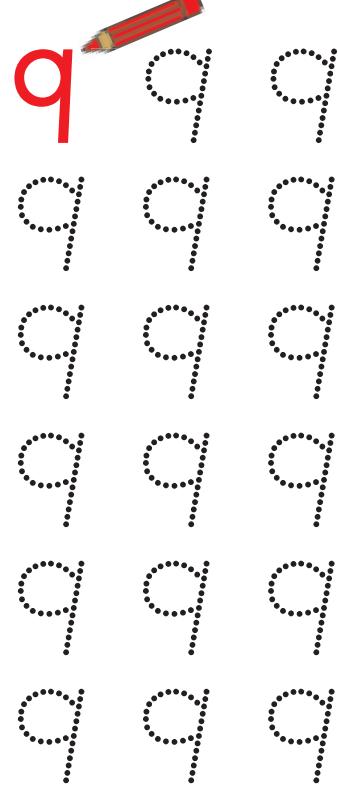
## Ithoba



Gadangisa inomboro.

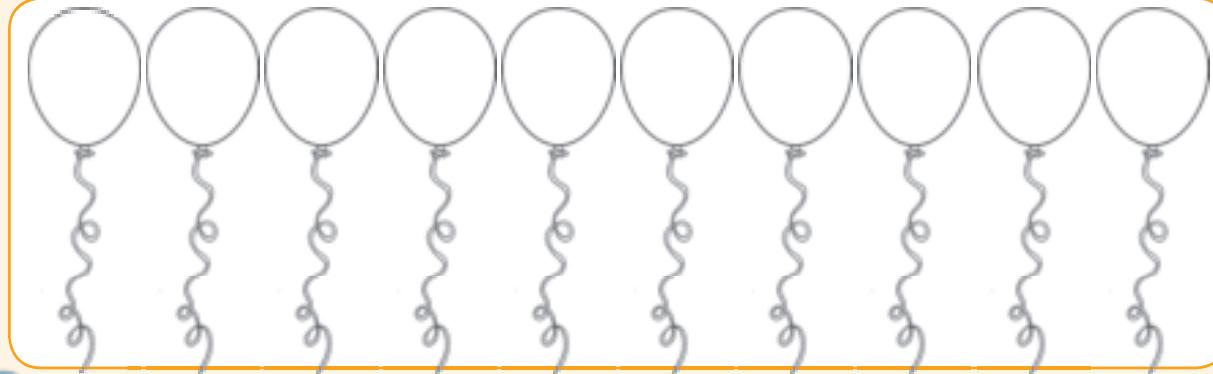


Madanisa iinthombe.

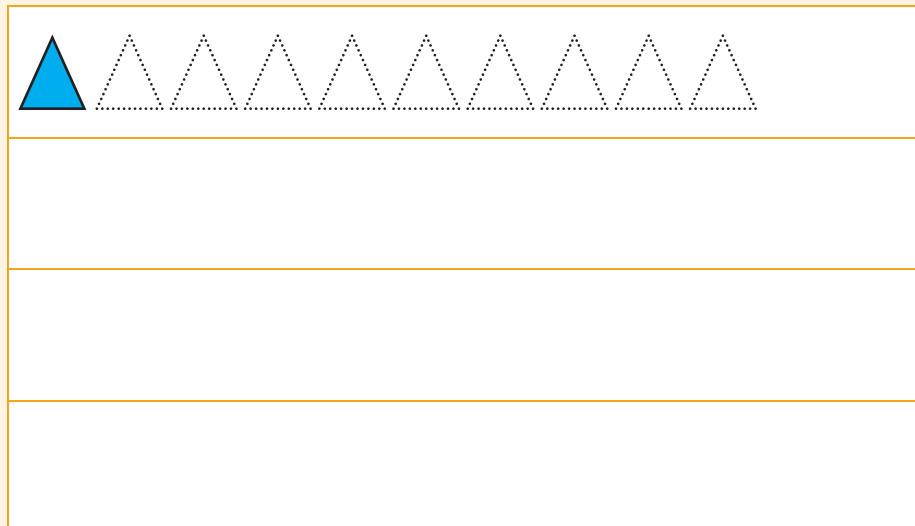
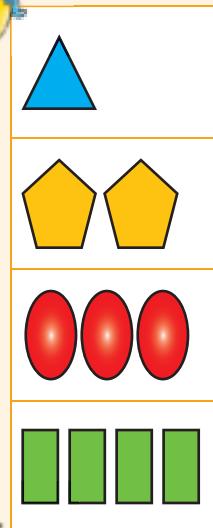




Faka amabhaloni alithoba umbala.



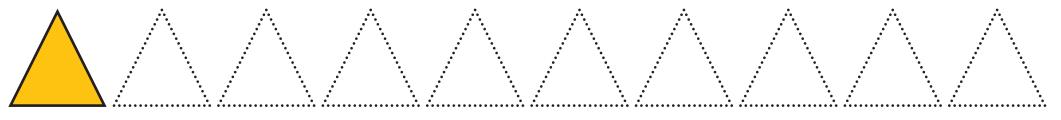
Kopulula bewugwale okhunye okuli-9.



Zjayeze inomboro.



Faka umbala aboncantathu lokha nawubalako.





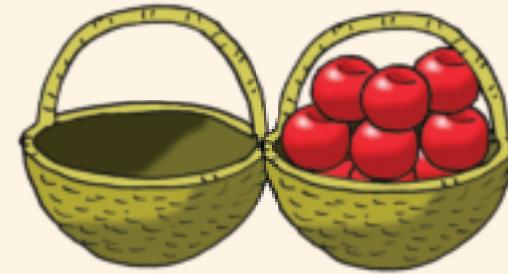
## Kuzele nanyana akunalitho

Faka umbala ependulweni enembako.  
Iimumathi zizele nanyana azinalitho?



azinalitho zizele

azinalitho zizele



azinalitho zizele

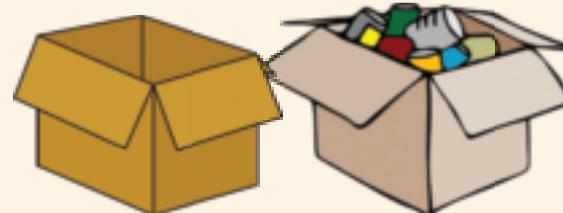
azinalitho zizele



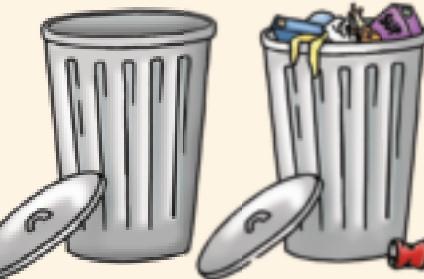
azinalitho zizele



azinalitho zizele



azinalitho zizele



azinalitho zizele

azinalitho zizele



azinalitho zizele

azinalitho zizele



azinalitho zizele

azinalitho zizele

<b>zizele</b>	<b>azinalitho</b>
---------------	-------------------

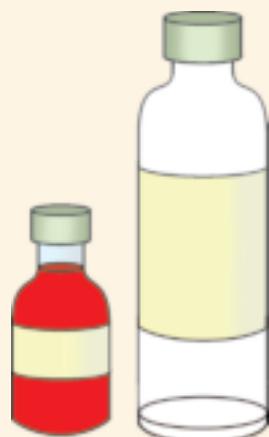


Khalara ipendulo enembako.  
Ingabe iiumumathi zizele nanyana azinalitho?

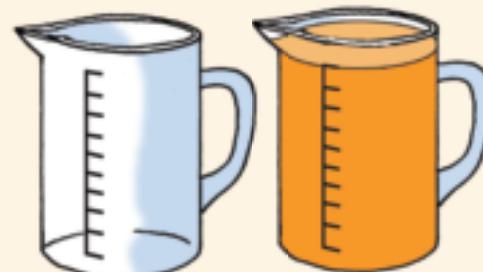
azinalitho sizele



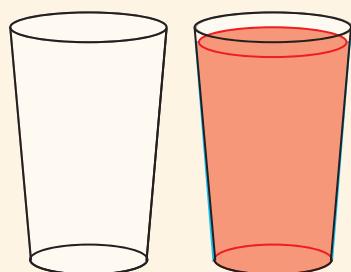
azinalitho zizele azinalitho zizele



azinalitho zizele azinalitho zizele



azinalitho zizele azinalitho zizele



azinalitho zizele azinalitho zizele



azinalitho zizele azinalitho zizele



Teacher:  
Sign:

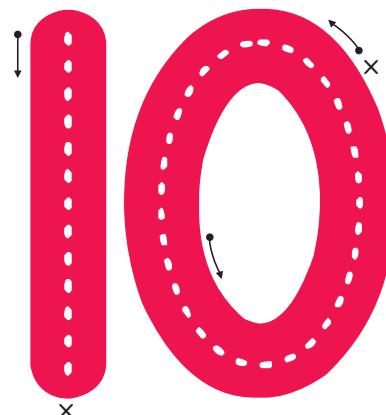
Date:



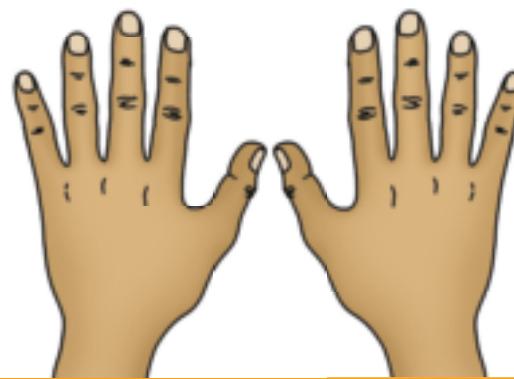


Bala imino yezandla zakho zombili.

## Itjhumi



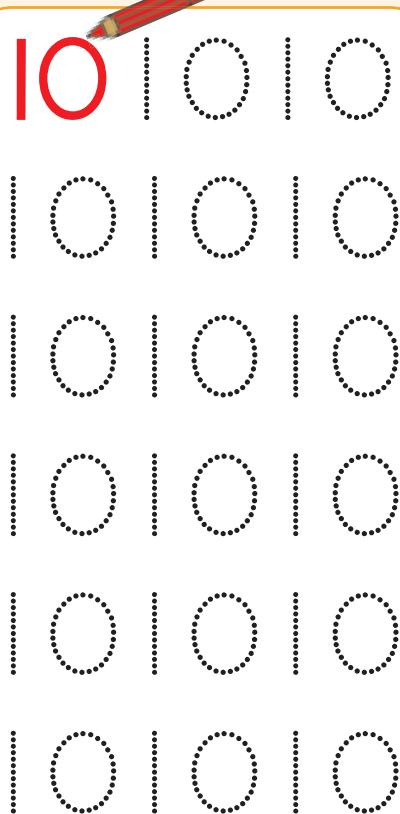
1 2 3 4 5 6 7 8 9 10



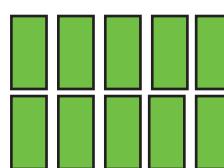
Gadangisa inomboro.



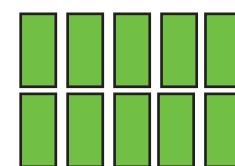
Madanisa iinthombe.



**10**



10

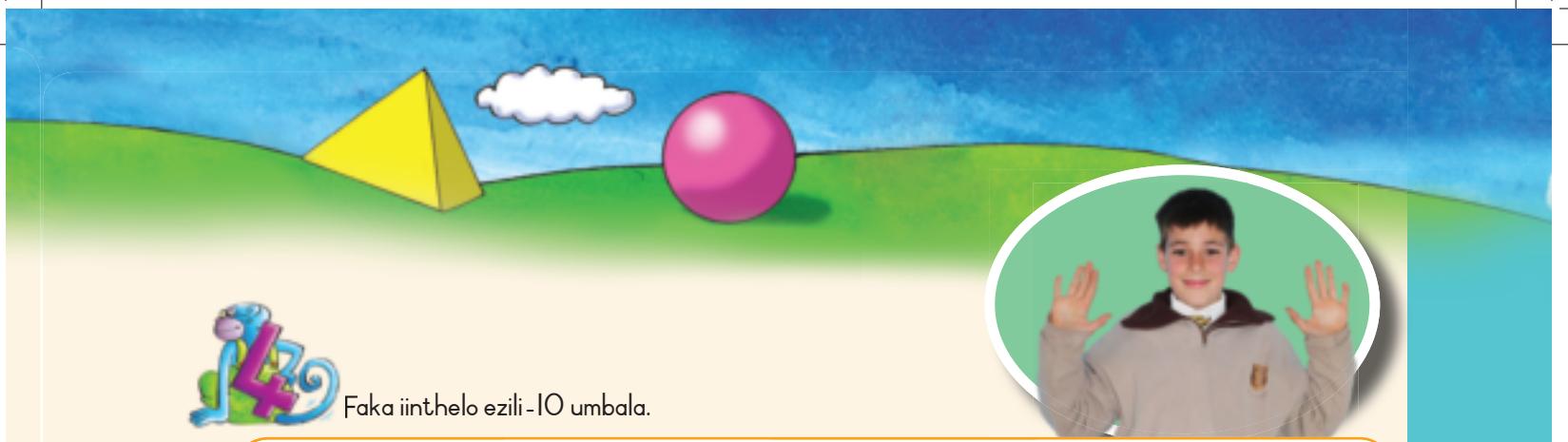


10

**10**



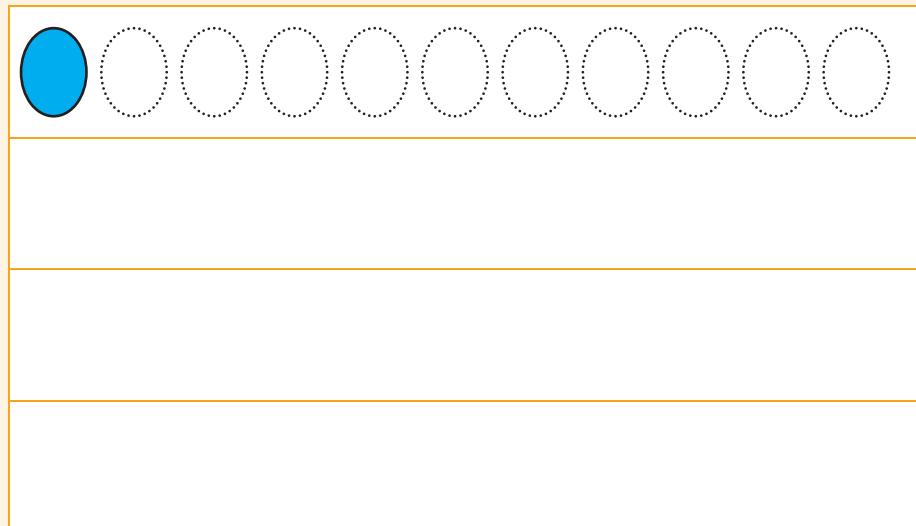
80



Faka iinthelo ezili-10 umbala.



Kopulula bewugwale okhunye okuli-10.



Zjajyeze inomboro.



Faka amarekthengela umbala lokha nawubalako.



Teacher:  
Sign:

Date:

3q

Ithemu 2



## Iinomboro I kufika ku-10

Sebenzisa imino yakho ukwakha iinomboro ezilandelako. Bese ukopulula iinomboro.

	1	.
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7
	8	8
	9	9
	10	10

# Ukutlola iinomboro kusukela kweye -6 -10



Zijayaze ukutlola iinomboro lezi.



# 6

sithandathu

# 6

# 6

# 6

# 6



# 7

likhomba

# 7

# 7



# 8

bunane

# 8

# 8



# q

lithoba

# 9

# 9



# 10

litjhumi

# 10

# 10



Teacher:  
Sign:  
Date:

11

12

13

14

15

16

17

18

19

20

83

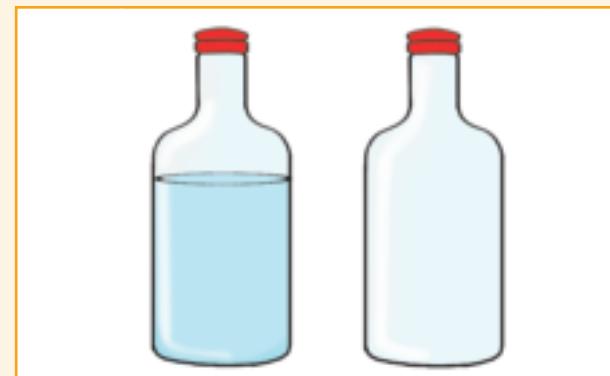
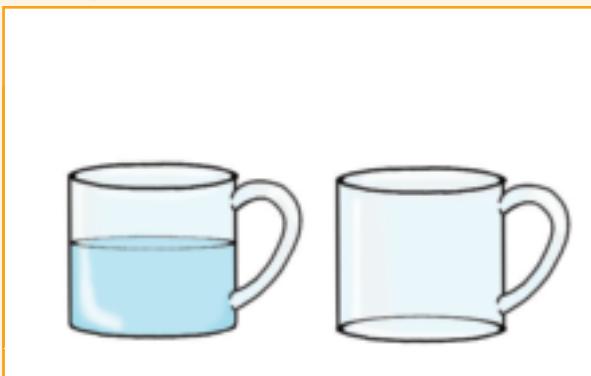
40

Ithemu 2

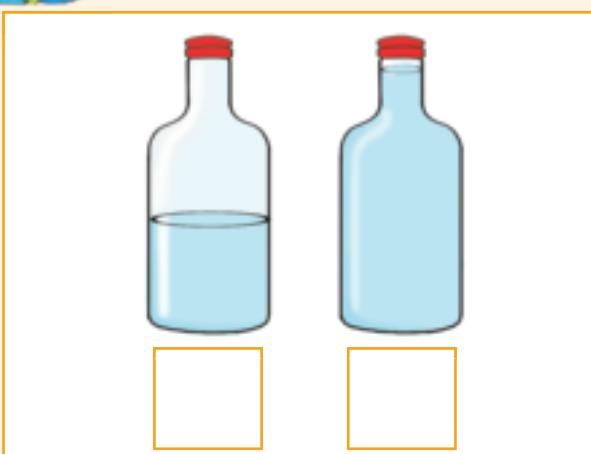


## Umthamo nevolumu

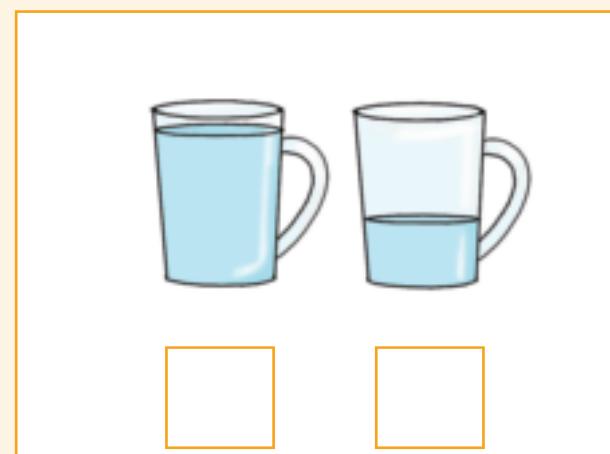
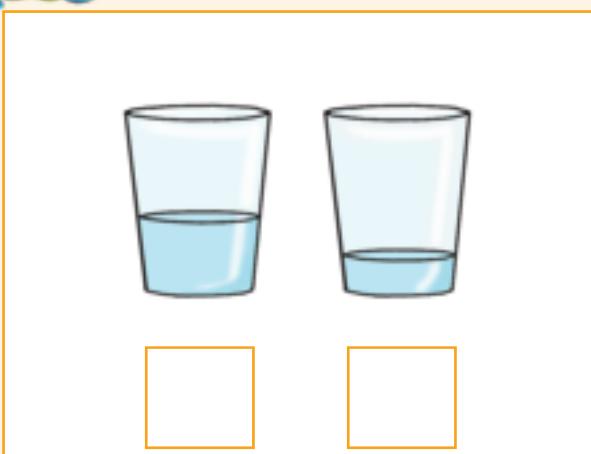
Gwala godu amanzi ngaphakathi kwesimumathhi.



Tshwaya kobana ngisiphi isimumathhi esinokunengi.

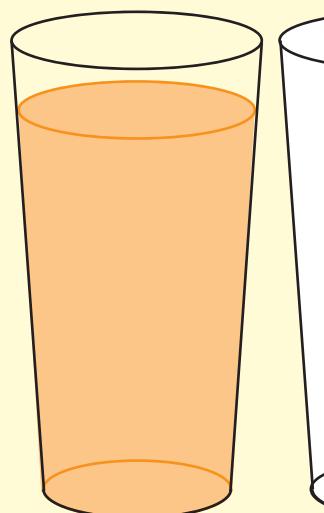


Thika kobana ngisiphi isimumathhi esinokuncani.

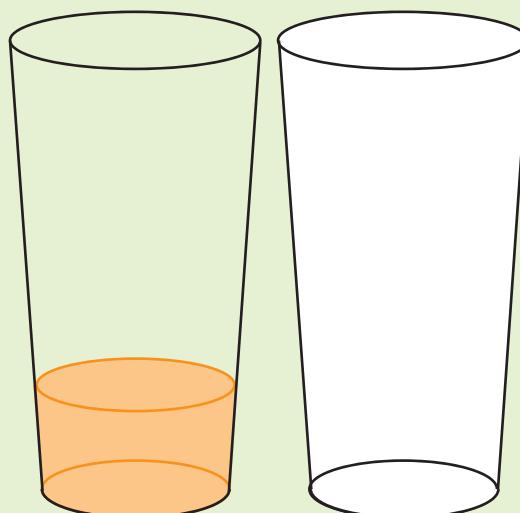




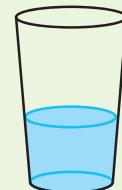
Khalara isimumathi sesibili ukuze  
sibonakale kobana simumethe ijuzi encani  
kune sokuthoma.



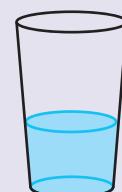
Khalara isimumathi sesibili ukuze sibonakale  
kobana simumethe ijuzi enengi kune sokuthoma.



Ndulungela okunengi, okuncani nalokho okulinganako.



Esihlaza kwesibhakabhaka sino  kunengi  kuncani  kulinganako  esibovu sino.



Esihlaza kwesibhakabhaka sino  kunengi  kuncani  kulinganako  esibovu sino.



Esihlaza kwesibhakabhaka sino  kunengi  kuncani  kulinganako  esibovu sino.



okunengi

okuncani



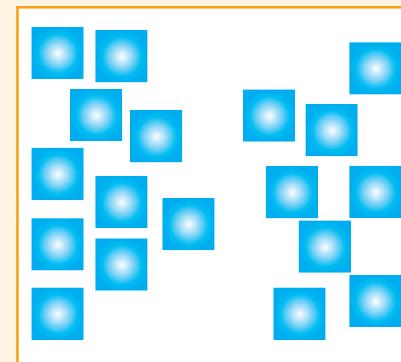
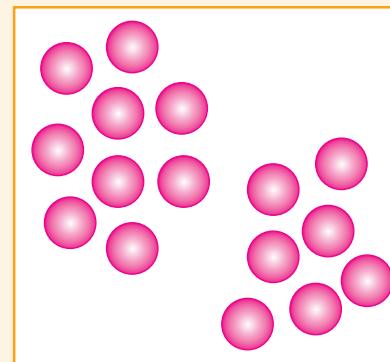
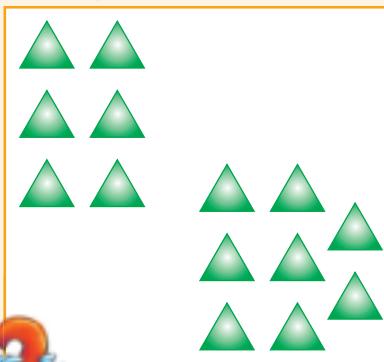
Teacher:  
Sign:  
Date:





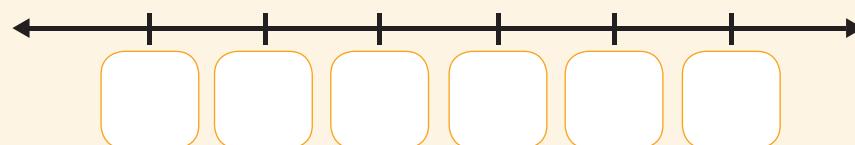
## Iinomboro I kufika ku-10

Ngaphakathi kwebhlogo elinye nelinye, ndulungela ibuthelelo elinamabumbeko amancani.

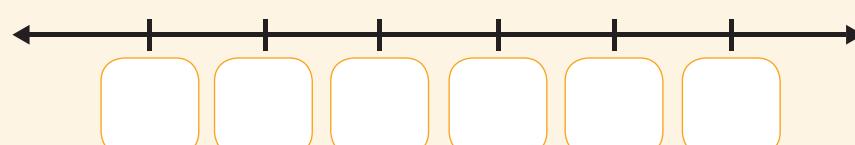


Tlola iinomboro ezisuka kezincani khulu ukuya eenomborweni ezikulu khulu emudeni.

2	4	3
6	1	5



4	6	8
7	9	5



Khalara inomboro encani khulu ngokuhlaza satjani bese ekulu khulu ngombala o-orientji.

7	4	3
5	1	6

9	10	8
4	6	2



Rarulula okulandelako. Ungazenzela imigwalo ukuze ikusize.

Oku-5 okungezelwelwe ngokukodwa.

Oku-5 okuphungulwe ngokukodwa.

Oku-6 okungezelwelwe ngakubili.

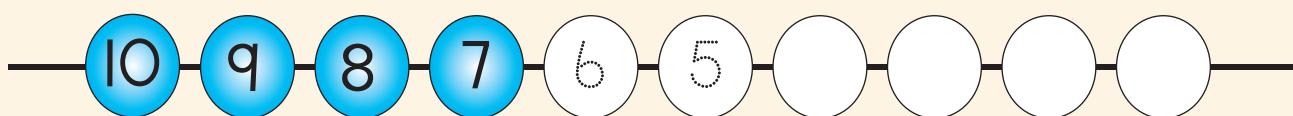
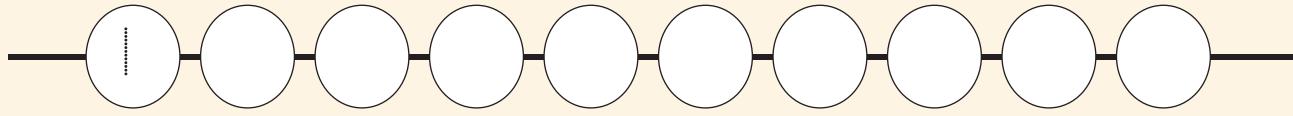
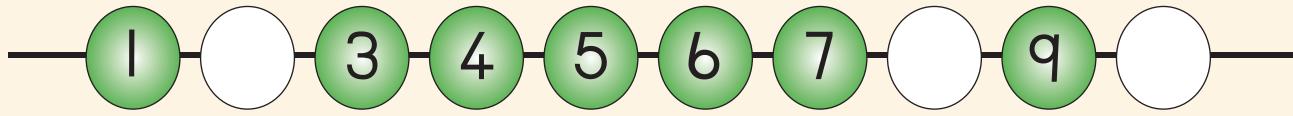
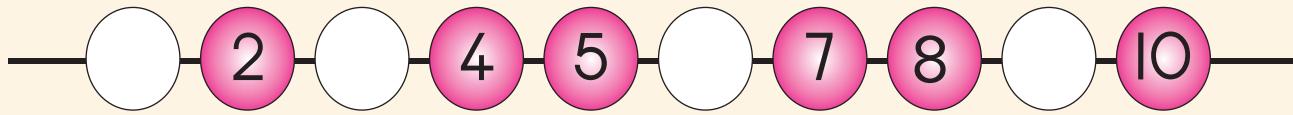
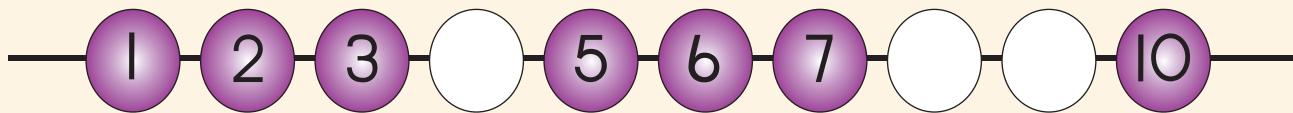
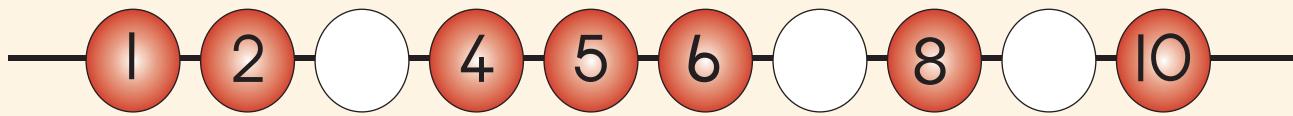
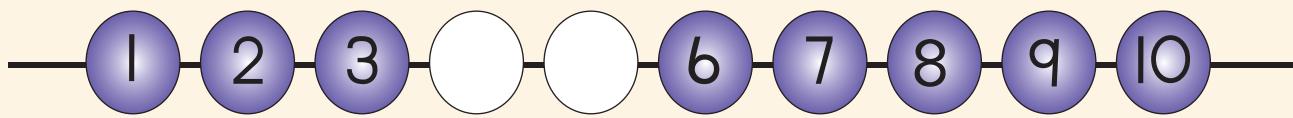
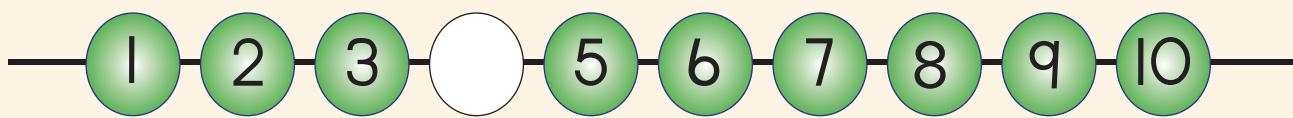
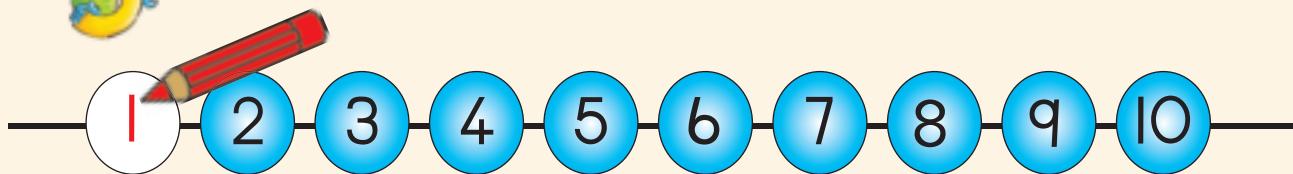
Okuli-7 okuphungulwe ngakubili.



# Umncamo ophothelweko



Zalisa ngenomboro efaneleko.



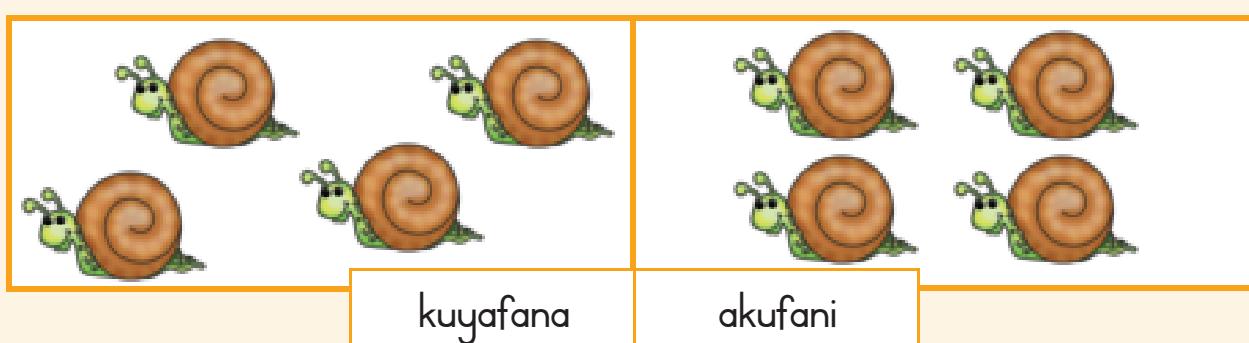
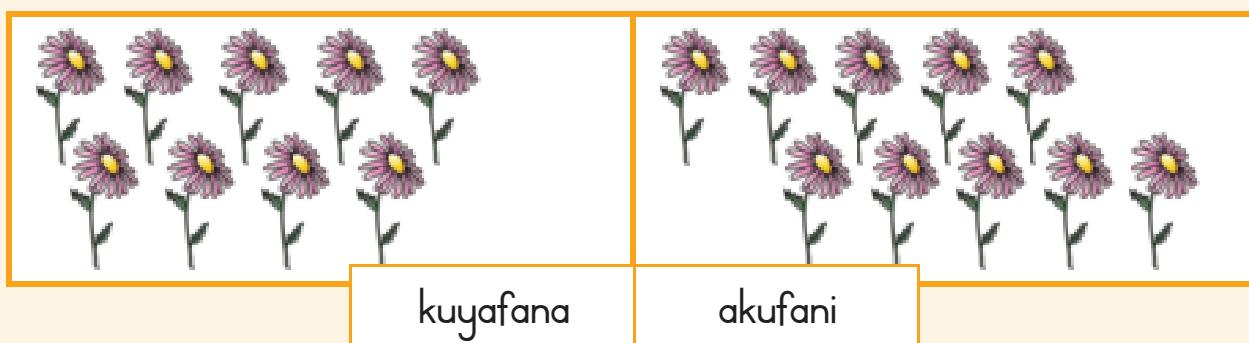
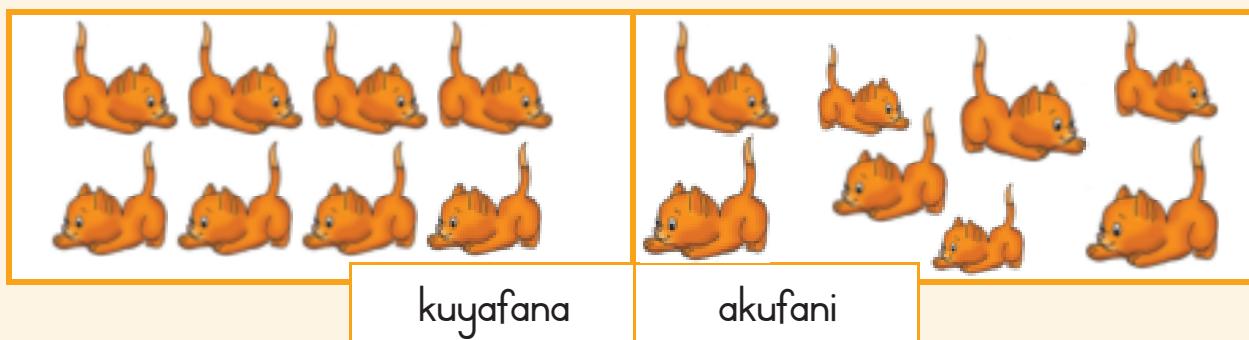
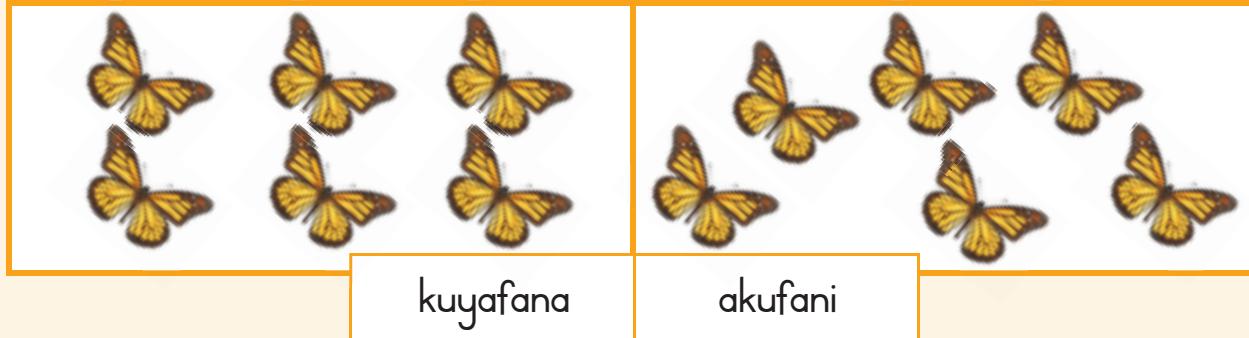
Teacher:  
Sign:  
Date:





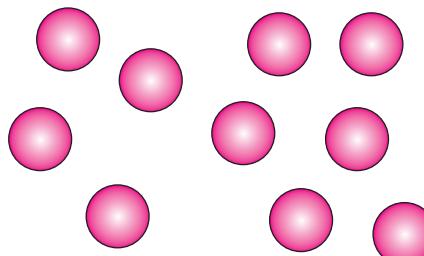
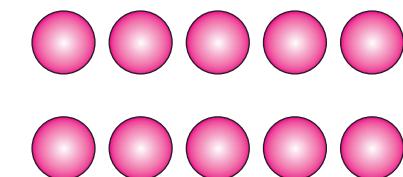
## Okunengi, okulinganako nokunciphisa

Madanisa izinto ngesandleni esingesinceleni nezinto ezingesidleni.  
Khalara ipendulo enembako.





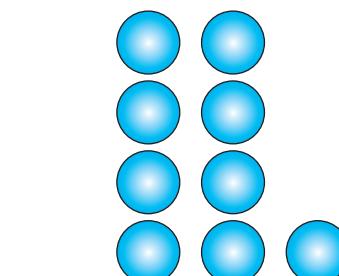
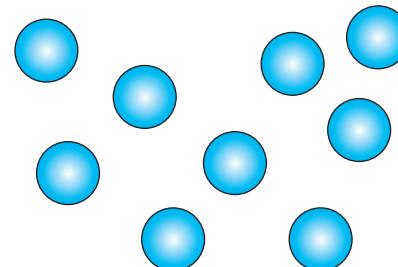
Yitjho kobana ibhlogo lesibili linokunengi, linokuncani, lilingana nebhlogo lokuthoma.  
Khalara ipendulo enembako.



okunengi

kuyalingana

kuncani



okunengi

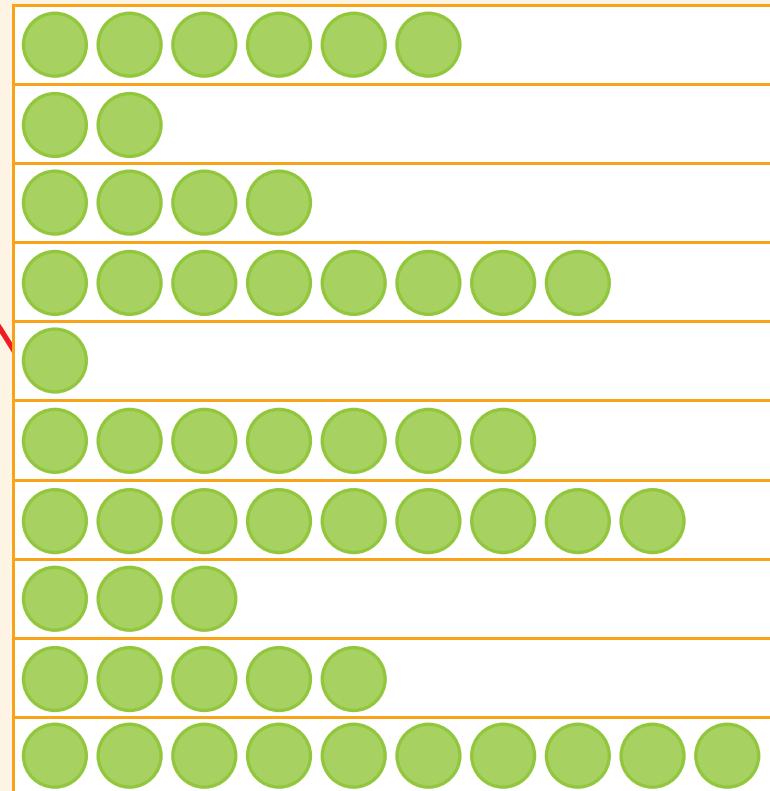
kuyalingana

kuncani



Madanisa izinto nenomboro.

1
2
3
4
5
6
7
8
9
10



Teacher:  
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Date:



89

43

Ithemu 2

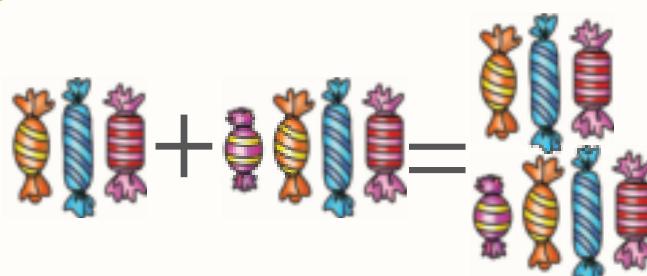


## Ukuhlanganisa amaswidi

Hlanganisa amaswidi la bese uzalisa ngependulo.



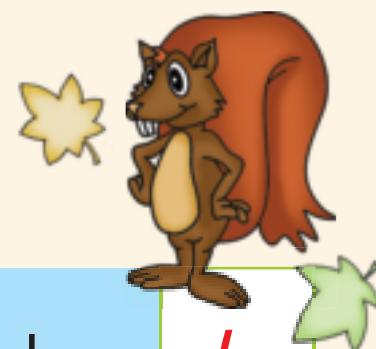
$$2 + 3 = 5$$



$$3 + 4 = \dots$$



Hlanganisa iinomboro.



$$5 + 1 = 6$$



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



$$3 + 2 = \boxed{\phantom{0}}$$



$$4 + 3 = \boxed{\phantom{0}}$$



90



Zama lokhu.



$3 + 6 = \boxed{q}$

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

$4 + 0 = \boxed{4}$

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

$0 + 5 = \boxed{5}$

$3 + 2 = \boxed{\phantom{0}}$

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

$5 + 3 = \boxed{\phantom{0}}$

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

$7 + 2 = \boxed{\phantom{0}}$

$1 + 3 = \boxed{\phantom{0}}$

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

$2 + 5 = \boxed{\phantom{0}}$

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

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

$4 + 3 = \boxed{\phantom{0}}$

$1 + 8 = \boxed{\phantom{0}}$

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

$4 + 2 = \boxed{\phantom{0}}$

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



Teacher:  
Sign:

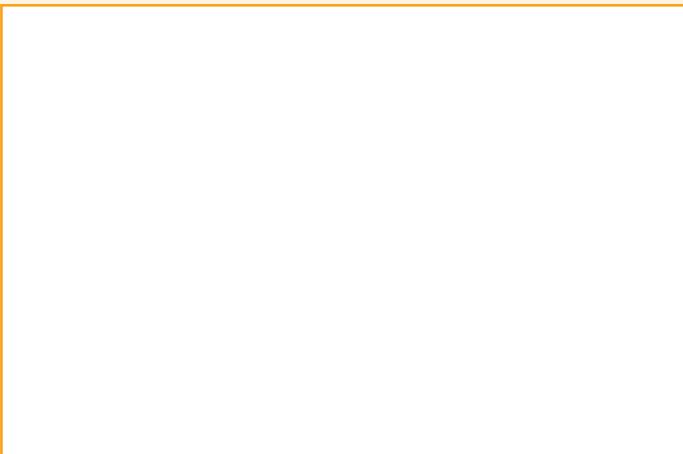
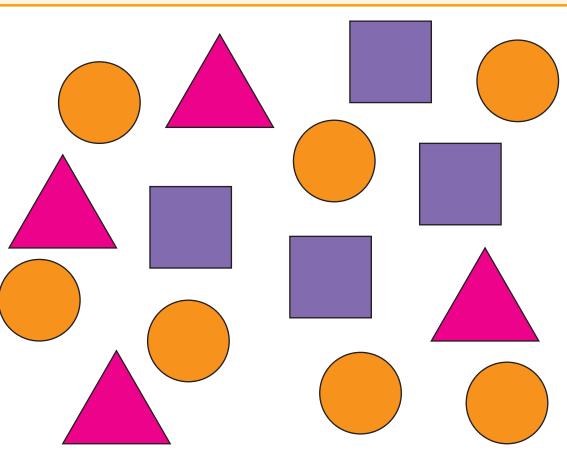
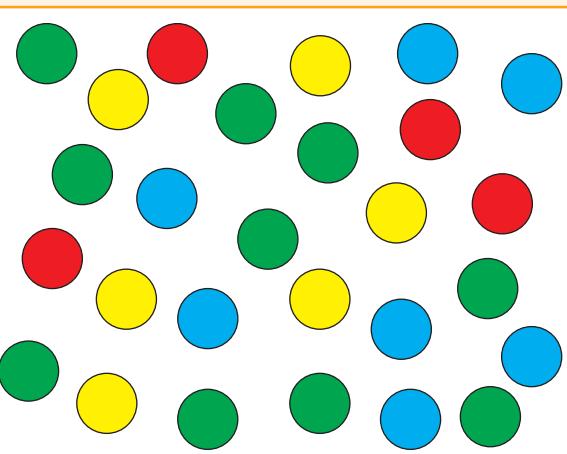
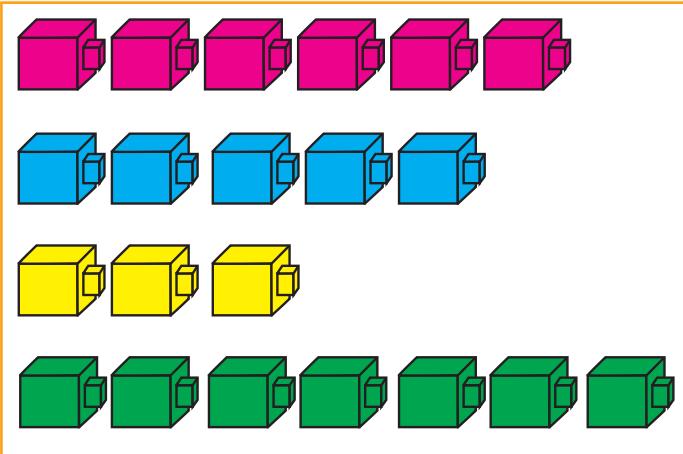
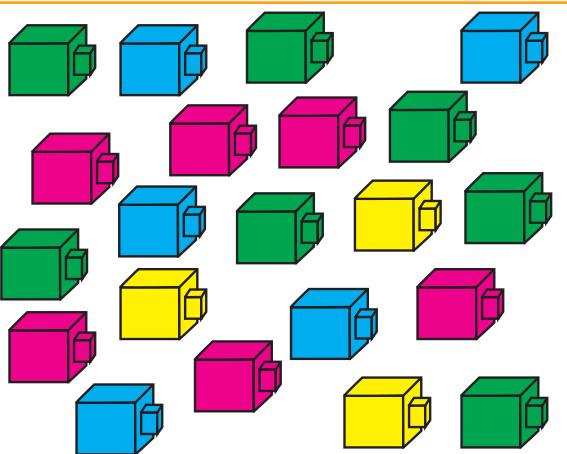
Date:





## Ukubuthelela nokuhlela

Hlela bewugwale lokho okubutheleleko bewakuhlela.





Hlela amakari alandelako ngokugwala umgwalo.



Mangaki amakari **asarulani** owabonako?

Mangaki amakari **a-orentji** owabonako?

Mangaki amakari **ahlaza satjani** owabonako?



Teacher:  
Sign:  
Date:

45

Ithemu 2



## Ukuhlanganisa kufika ku-10: Bala

Gwala isithombe bese utlola umutjho weenomboro wakho koke.

USara unamaswidi ama-3. USipho unamaswidi ama-2. Sele baboke, banamaswidi amangaki?

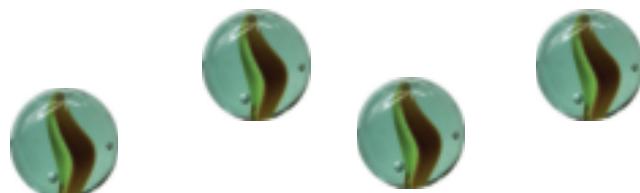


Asibale:

- 3    4    5

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

Nginamamabula ama-4. Ngithumbe amanye ama-3. Senginamamabula amangaki?



Asibale:

- 4    5    6    7

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

Bekunamaviyaviyani ama-5. Kwafika mabili. Kunamaviyaviyani amangaki nasele awoke.



Asibale sibuyele emuva:

- 5    6    7

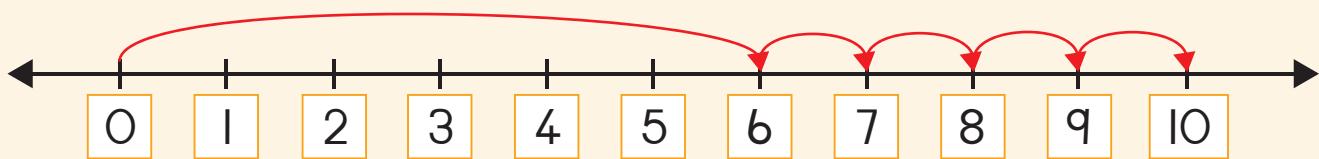
$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



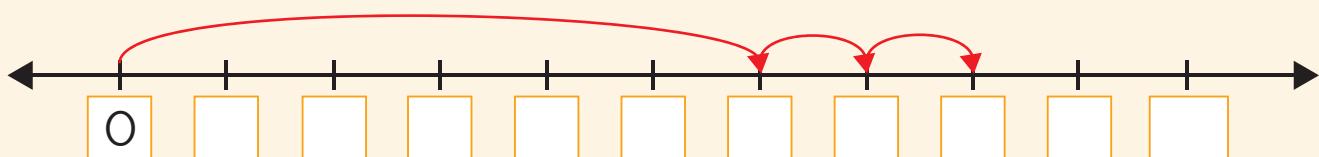
94



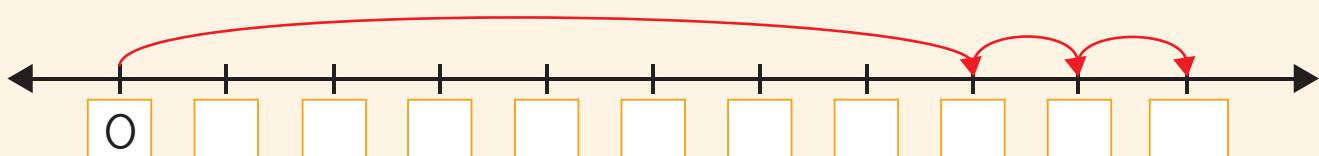
Qedelela iinomboro kunambalayini bese utlola umutjho weenomboro womutjho ngamunye.



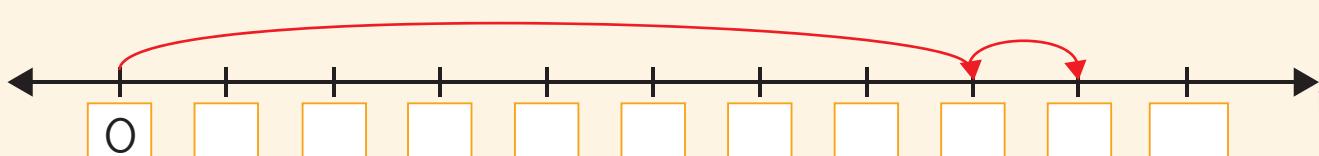
$$\boxed{6} + \boxed{4} = \boxed{\quad}$$



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



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



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



Teacher:  
Sign:  
Date:





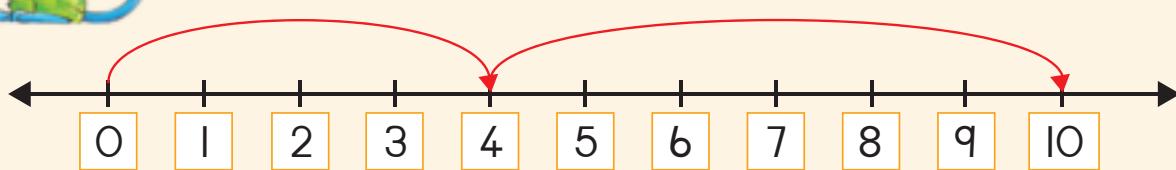
## Ukuhlanganisa: ukwakha nokuhlephula ukufika ku-10

Khalara ukutjengisa okulandelako.

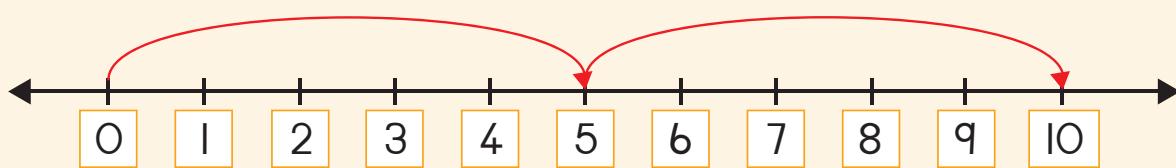
$1 + 9$	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>						
$2 + 8$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$3 + 7$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$4 + 6$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$5 + 5$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



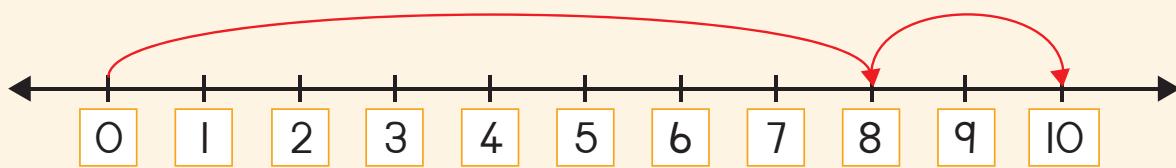
Tlola isibalo salokhu:



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



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



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

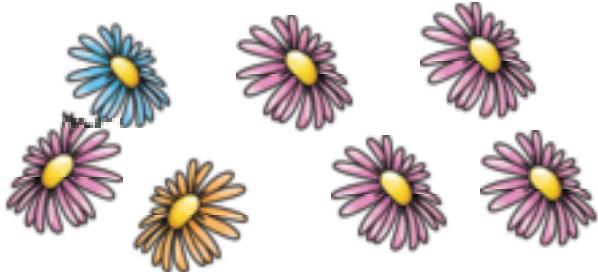




Sebenzisa iinomboro zamathuthumbo ukuzenzela umutjho wakho weenomboro.



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



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



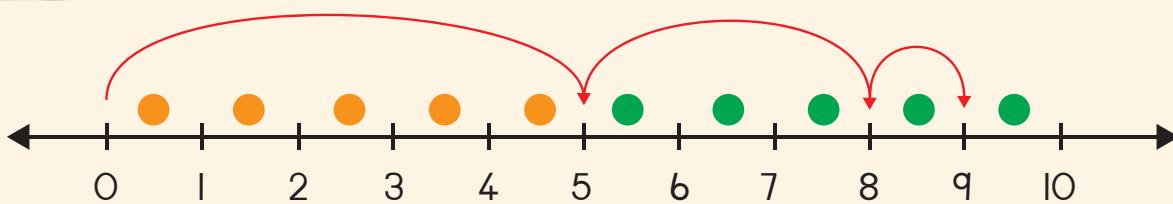
$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



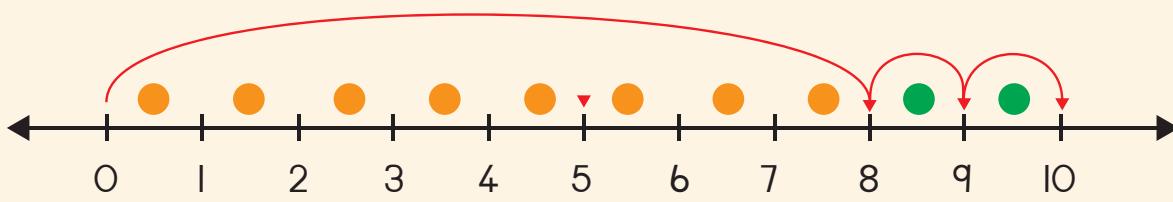
$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



Tlola isibalo salokhu:



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



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



Teacher:  
Sign:  
Date:





## Ukubuyeleta kibili nokuhafula

Phendula okulandelako.

Ubuna abentazana abangaki?




Kwanje sewubona abentazana abangaki?




Ubuna iinyawo ezingaki?




Kwanje sewubona iinyawo ezingaki?




Sithi oku-2 okubuyeletwe kibili, ipendulo ngoku-4.  
Izokuba yini ihafu yaka-4?

Ubuna amavili amangaki?




Kwanje sewubona amavili amangaki?




Sithi oku-3 okubuyeletwe kibili, ipendulo ngokusi-6. Izokuba yini ihafu yaka-6?

Ubuna imilenze emingaki?




Kwanje sewubona imilenze emingaki?

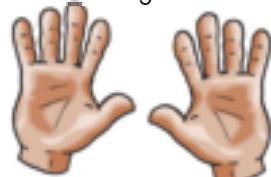



Sithi oku-4 okubuyeletwe kibili, ipendulo ngokubu-8. Izokuba yini ihafu yaka-8?

Ubona imino emingaki?



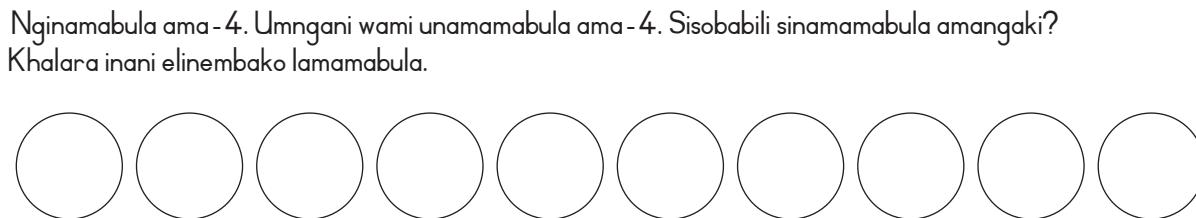
Kwanje ubona imino emingaki?



Sithi oku-5 okubuyelelwe kibili, ipendulo  
ngokuli-10. Izokuba yini ihafu ye-10?



Rarulula okulandelako ngokukhalara. Tlola isibalo.



Phendula okulandelako:

Oku-1 okubuyelelwe kibili, ipendulo

Oku-2 nakubuyelelwe kibili, ipendulo

Oku-4 okubuyelelwe kibili, ipendulo

Oku-5 okubuyelelwe kibili, ipendulo

Ihafu yaka-2, ipendulo

Ihafu yaka-4, ipendulo

Ihafu yaka=8, ipendulo

Ihafu yaka-10, ipendulo

Oku-3 okubuyelelwe kibili, ipendulo

Ihafu yaka-6, ipendulo



Teacher:  
Sign:  
Date:



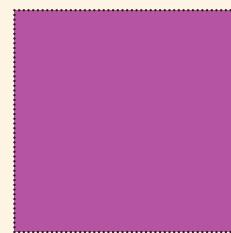
48a

Ithemu 2

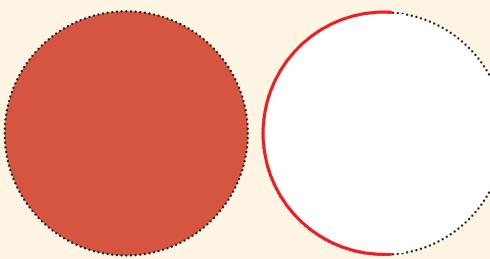


Qedelela amabumbeko alandelako.

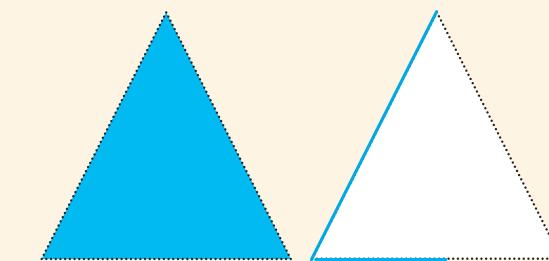
isikwere



indulungu



uncantathu



irekthengela



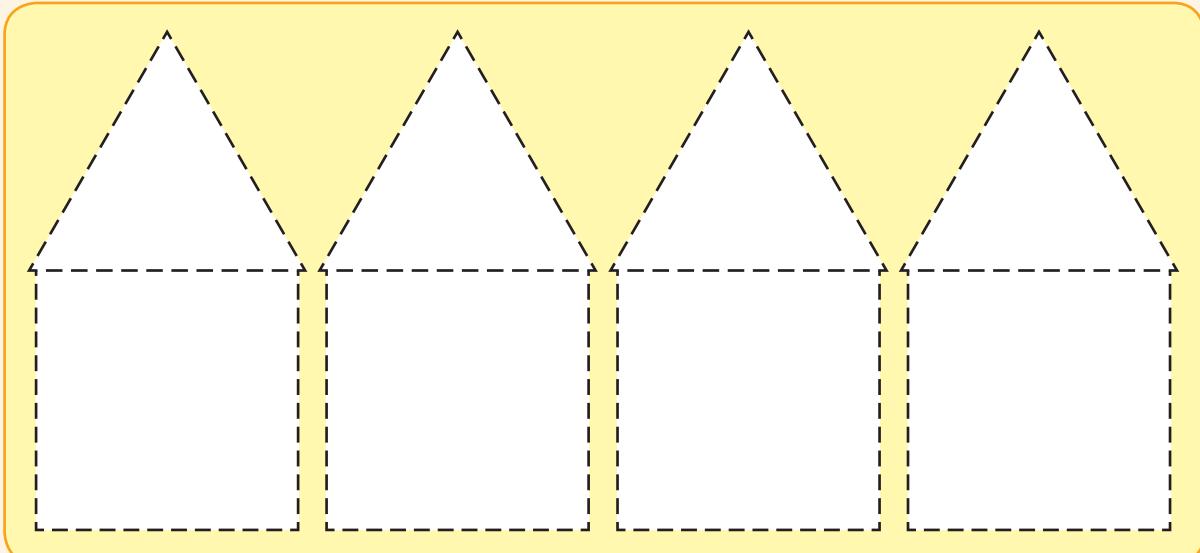
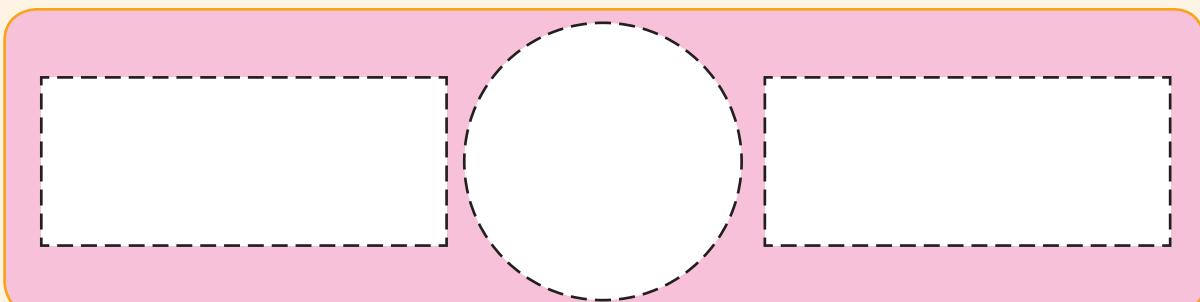
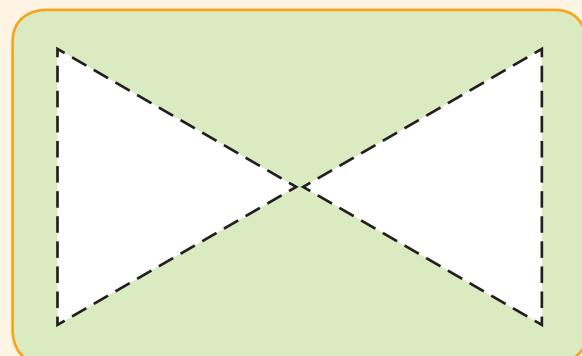
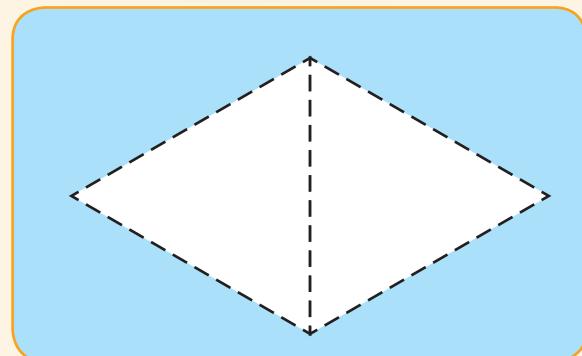
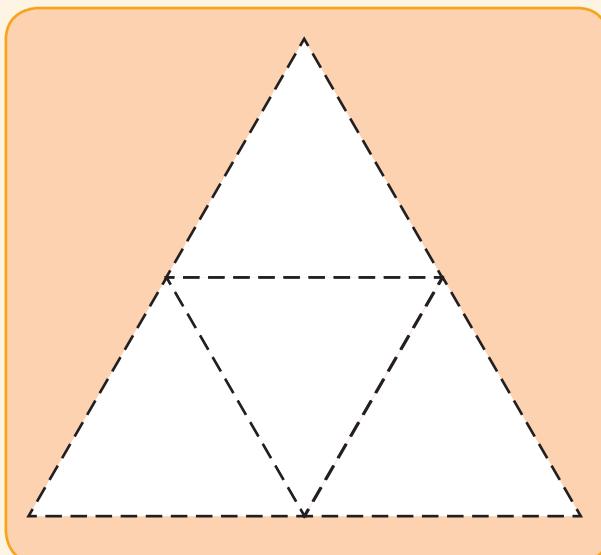
Sebenzisa amajamo amane angehla ukugwala isithombe.  
Ungasebenzisa amajamo kanengi ngokuthanda kwakho.



100 | 2 3 4 5 6 7 8 9 10



Sebenzisa amabumbeko wakho  
asikiweko ukwenza amabumbeko  
alandelako.



Teacher:  
Sign:  
Date:



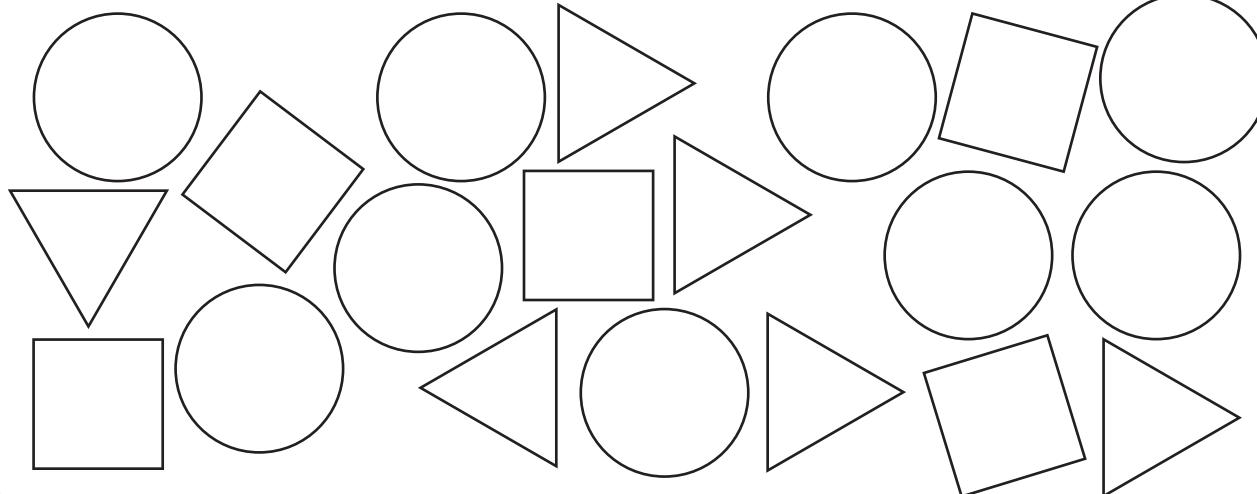
48b

Ithemu 2



## Amanye amajamo we - 2 - D

Hlela amajamo bese uwale umgwalo walokho okuhlelileko.



Aboncantathu

Indulunga

Isikwere

Kunaboncantathu abangaki?

Kuneedulunga ezingaki?

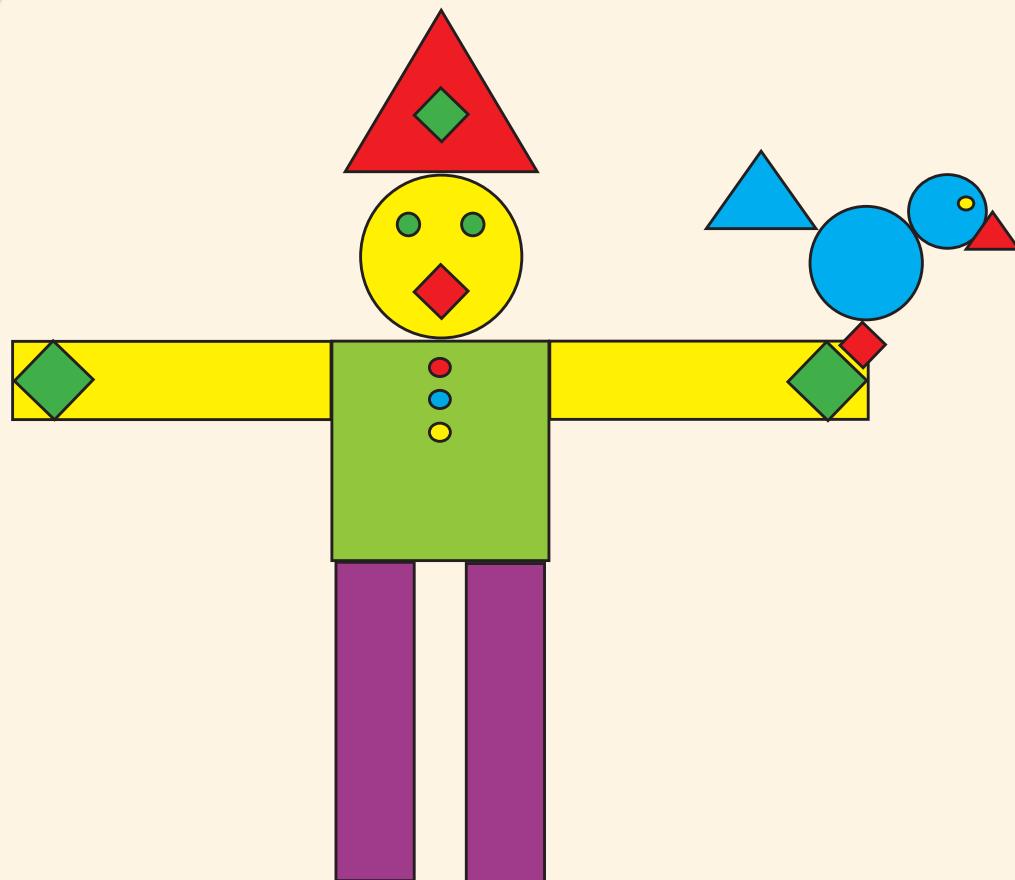
Kuneenkwere ezingaki?



# Thola amabumbeko alandelako



Thola amabumbeko ahlukahlukeneko bese uyawabala.



<input type="checkbox"/>	Zingaki iinkwere ozitholako?	
<input type="radio"/>	Mangaki amasekele owatholako?	
<input type="triangle"/>	Bangaki abonqantathu obatholako?	
<input type="rectangle"/>	Mangaki amarekthengeli owatholako?	



Teacher:

Sign:

Date:



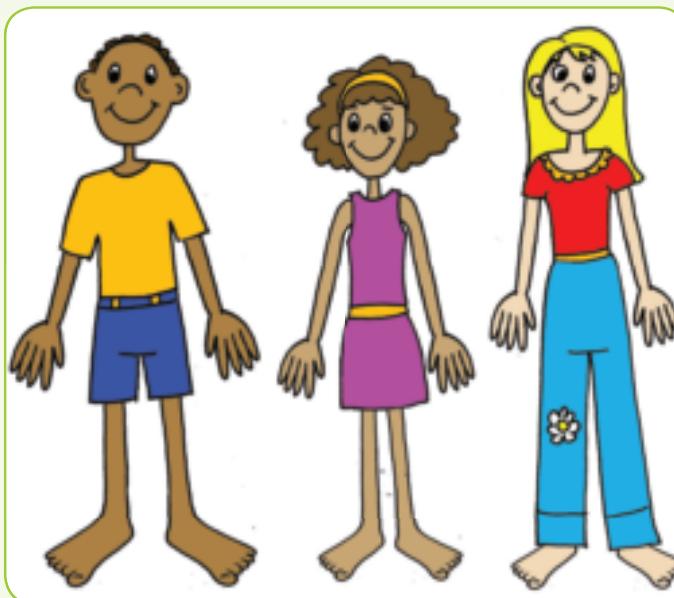
4q

Ithemu 2



## Amabuthelelo wangakubili kufika ku-10

Phendula imibuzo:



$$2 + 2 + 2 =$$

Ubona abentwana abangaki?

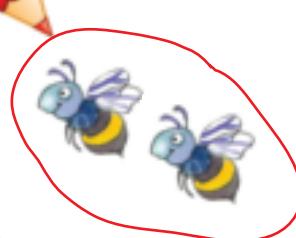
Ubona iimpara zeenyawo ezingaki?

Tlola isibalo seempara zeenyawo.

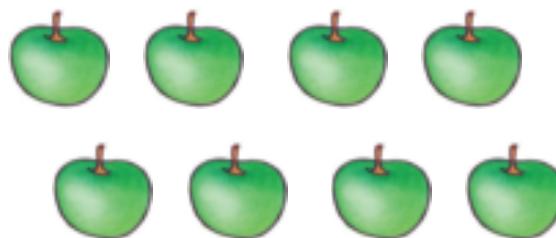


Gwala iindulungu uzombeleze okulandelako ukwenza:

amabuthelelo ama-2  
wangaku-2



amabuthelelo ama-4  
wangaku-2





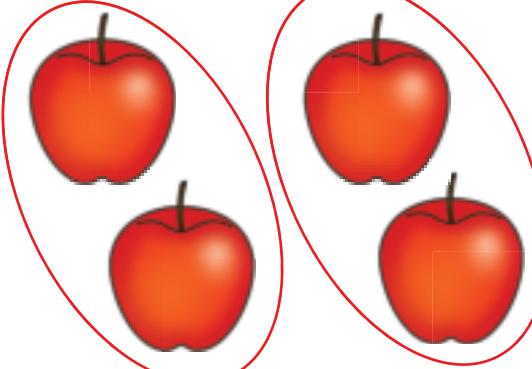
amabuthelelo ama-5  
wangaku-2



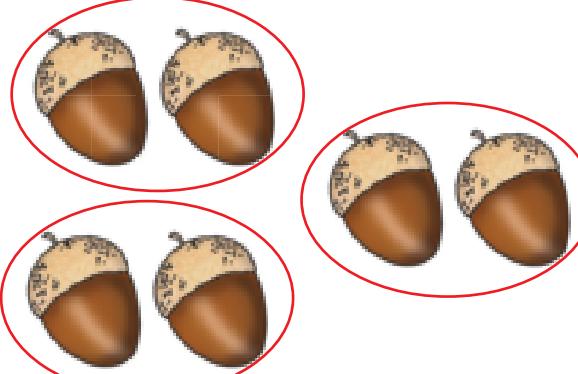
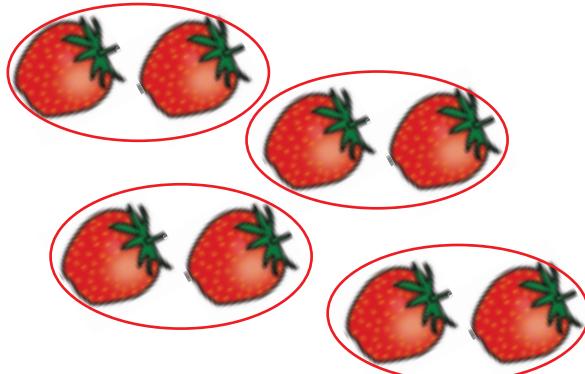
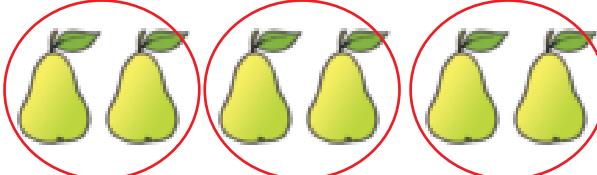
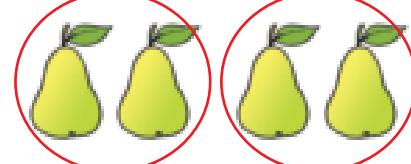
amabuthelelo ama-3  
wangaku-2



Tlola isibalo salokhu okulandelako:



$$2 + 2 =$$



Teacher:  
Sign:  
Date:

## Ukuhlanganisa okubuyelelweko kwangakubili bekufike ku-10



Kunemilenze emingaki? Tlola isibalo semilenze leyo.



$$2 + 2 + 2 = 6$$



Balisisa bese wenza umgwalo.

$$\boxed{2} + \boxed{2} = \boxed{4}$$

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

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

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





## Tlola isibalo salokhu:

A horizontal row of ten identical red spheres, evenly spaced across the frame.

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

A horizontal row of four identical green spheres, evenly spaced from left to right.

For more information about the study, please contact Dr. John Smith at (555) 123-4567 or via email at [john.smith@researchinstitute.org](mailto:john.smith@researchinstitute.org).

A horizontal row of eight identical purple spheres, evenly spaced, representing a sequence or a set of items.

A horizontal row of six identical blue circles, evenly spaced, representing a set of data points or items.



Bala iinomboro ezilandelako ngakubili bese ukhalara zoke iinomboro ezibo-2.

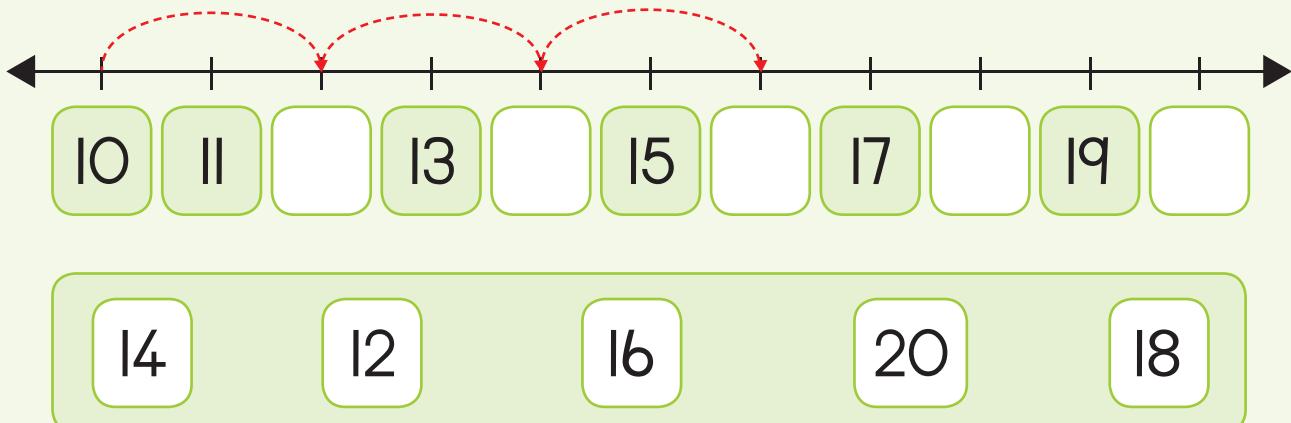
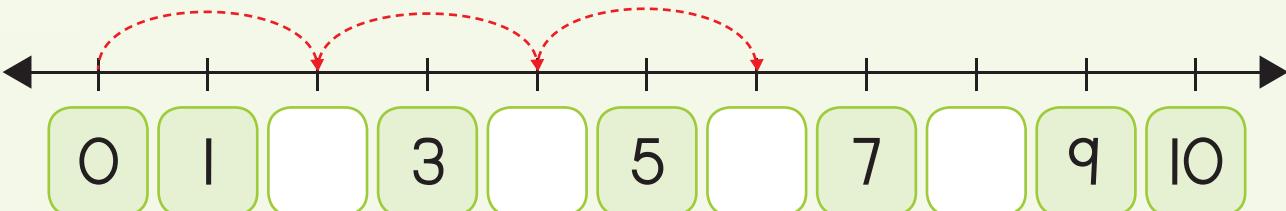
| 2 3 4 5 6 7 8 9 10



## Amaphetheni wabo - 2 kufika ku - 20

Gwala umuda ukumadanisa iinomboro ezitlhayelako.

Qala isibonelo owenzelwe sona. Ngemva kwalapho, qedelela ngeminye imeqo emibili.



Qedelela iphetheni ngokukhalara iinomboro.

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





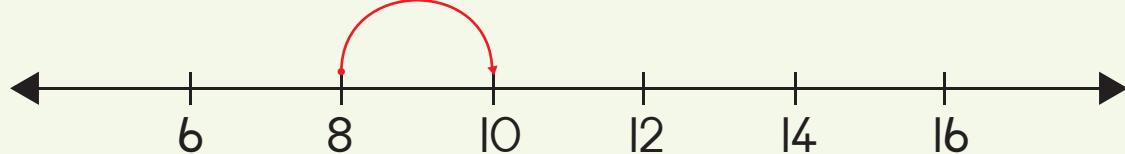
Gwala imeqo ukutjengisa okulandelako.

8

10

12

14



12

14

16

18

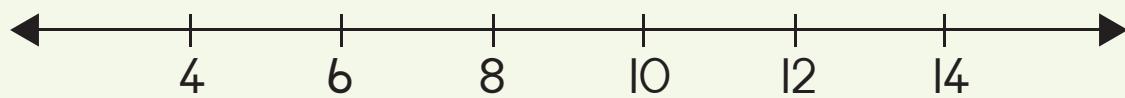


4

6

8

10



11 12 13 14 15 16 17 18 19 20



Teacher:  
Sign:  
Date:



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Phendula imibuzo.

## Amabuthelelo wangakuthathu bekufike ku-10



Ubale amabhanana amangaki?

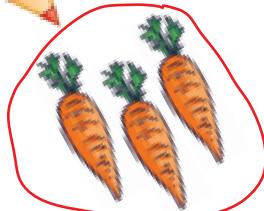
Kunamabuthelelo amangaki?

Tlola ipendulo yakho njengomutjho weenomboro.



Gwala iindulungu uzombeleze okulandelako ukwenza:

amabuthelelo ama-2  
wangaku-3



amabuthelelo ama-3  
wangaku-3





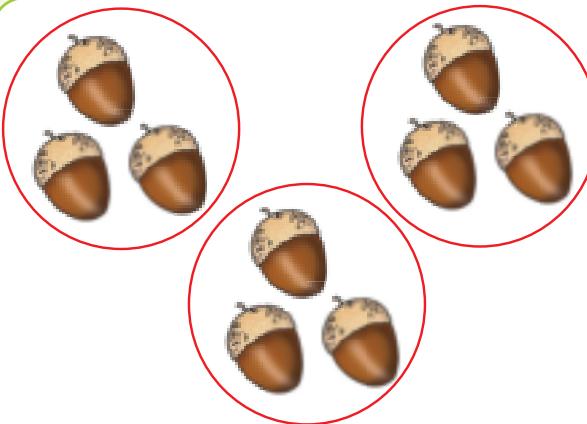
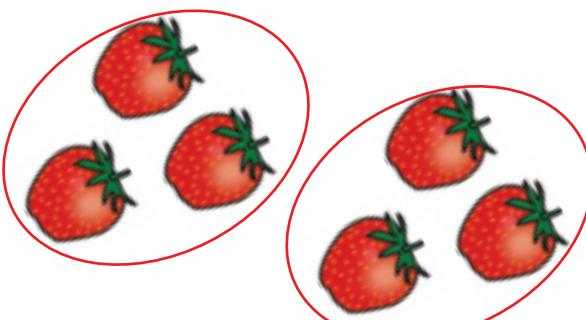
amabuthelelo ama-4  
wangaku-3



ibuthelelo elilo-1  
langaku-3



Tlola umutjho weenomboro walokhu okulanelako:



Gwala amabuthelelo ama-2 wangaku-3.



Teacher:  
Sign:

Date:



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Ithemu 2

## Ukuhlanganisa okubuyeleweko kwangaku-3 kufika ku-10



Kunamavili amangaki? Atlole njengesibalo.



1 2 3 4 5 6 7 8 9 10



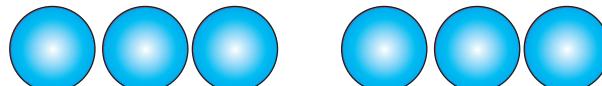
Gwala amajamo ukutjengisa okulandelako.

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

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



Tlola isibalo salokhu:



Ngithenge amathuthumbo amangaki esuphamakethe?



Isibalo.

<input type="radio"/>	<input type="radio"/>
-----------------------	-----------------------



Teacher:  
Sign:

Date:



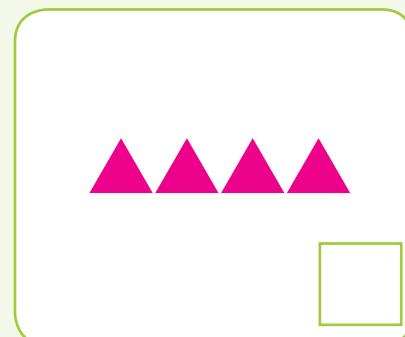
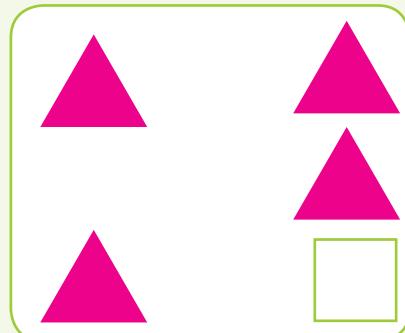
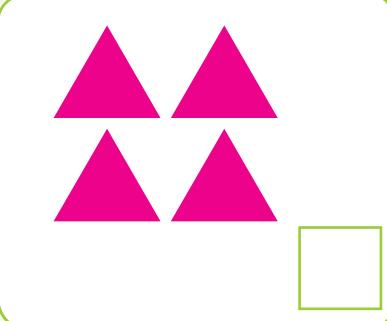
54

Ithemu 2



## Amabuthelelo wangakune bekufike etjhumiini

Bala amajamo bese utlole inomboro.

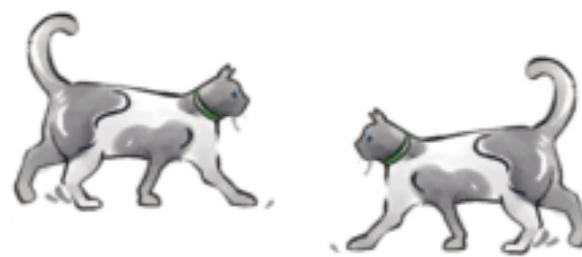


Esiqwini ngibone iinlwana ezilandelako. Ngibona iinyawo ezingaki?

Tlola umutjho weenomboro ngokhunye nokhunye kwalokhu okungenzasi.



$$4 + 4 = 8$$





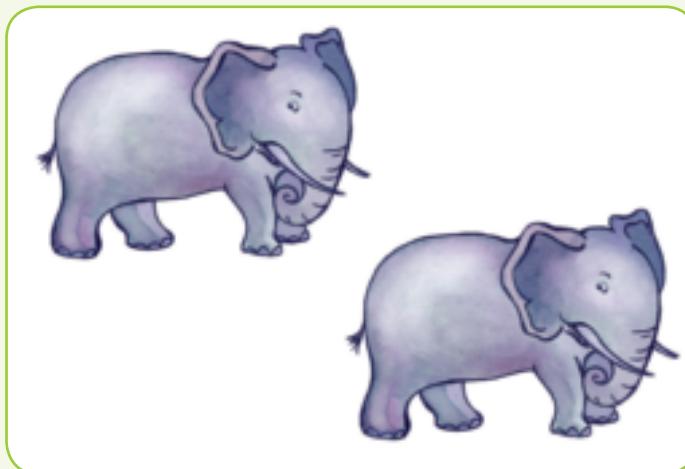
## Ukuhlanganisa okubuyelelweko kwangakune kufika etjhumi



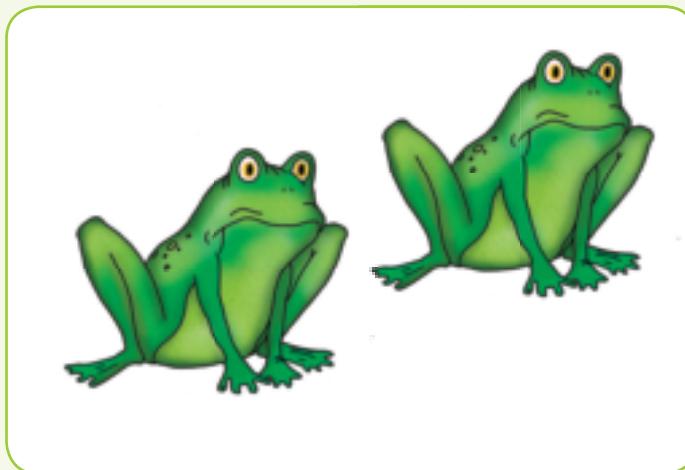
Kunemilenze emingaki? Tlola esinye nesinye isibalo.



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



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



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



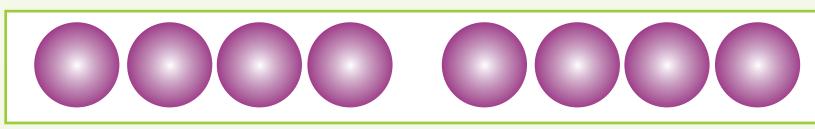


Gwala amajamo ukutjengisa okulandelako.

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



Tlola isibalo salokhu:



USusan ubhaga amakhekhana wangeenkomitjini ama-4. UJane naye ubhaga amakhekhana wangeenkomitjini ama-4. Mangaki amakhekhana wangeenkomitjini abawablagileko sele awoke? Ndulungela inani elinembako lamakhekhana wangeenkomitjini.



Isibalo.



Teacher:  
Sign:

Date:



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Ithemu 2



Phendula imibuzo.



Ubona imino emingaki enyaweni ngaliye?

Mimino emingaki seyiyoke?

Tlola njengesibalo.

$$5 + 5 =$$



Gwala iijingi uzombeleze lokhu okulandelako ukwenza:

ibuthelelo eli-1 langaku-5



amabuthelelo ama-2 wangaku-5

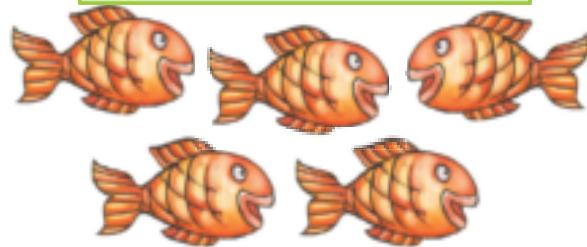




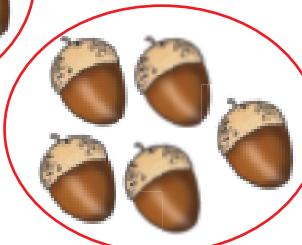
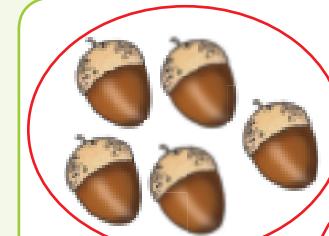
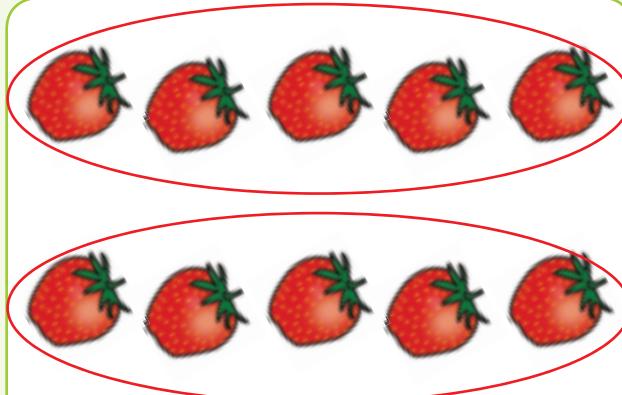
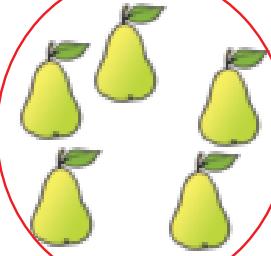
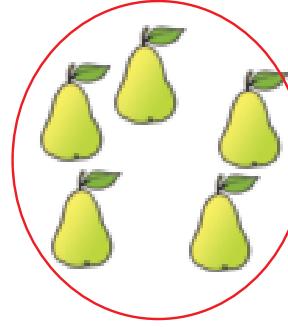
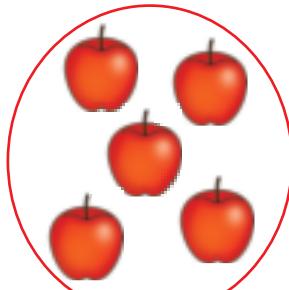
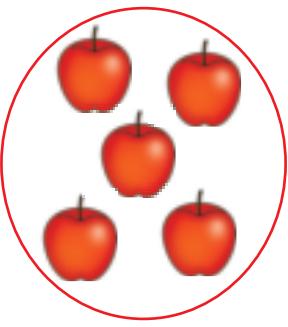
amabuthelelo ama-2  
wangaku-5



ibuthelelo eli-1 langaku-5



Tlola isibalo salokhu okulandelako:



Teacher:  
Sign:

Date:

11

12

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14

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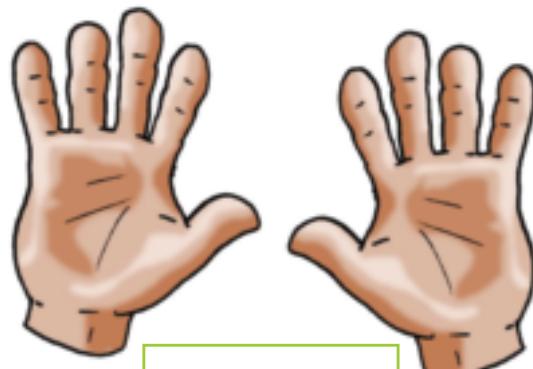
57

Ithemu 2



## Ukuhlanganisa okubuyelelweko kwangakuuhlanu ukufika ku-10

Mimino emingaki nanyana mazwani amangaki?



1 2 3 4 5 6 7 8 9 10



Gwala amajamo ukutjengisa okulandelako.

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



Tlola isibalo salokhu:



Enyaweni ngalinye unamazwani amangaki? Eenyaweni zombili, unamazwani amangaki sele awoke? Zenzele umgwalo.

Isibalo:



Esandleni esisodwa unemino emingaki? Unemino emingaki sele iyokeye? Zenzele umgwalo.

Isibalo:



Teacher:  
Sign:

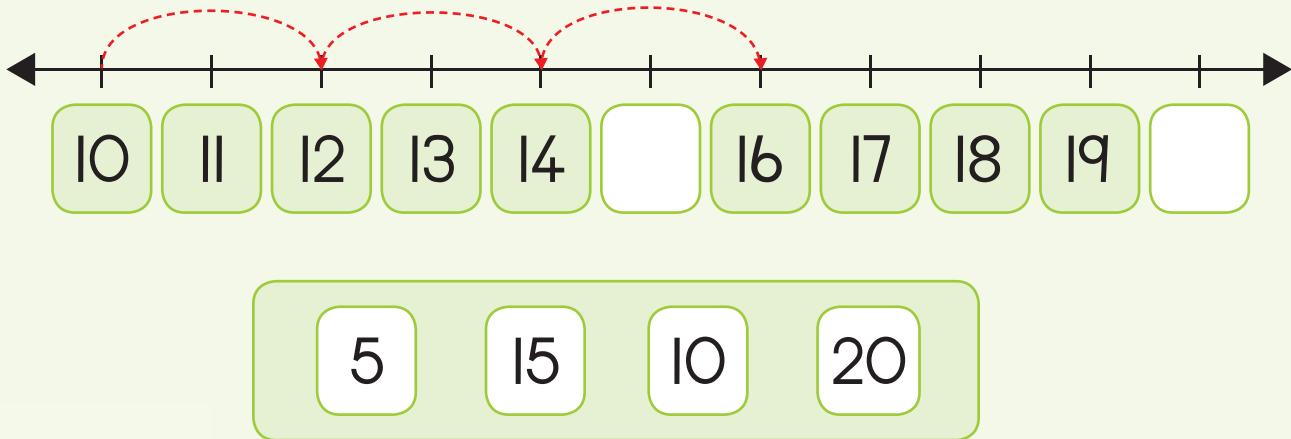
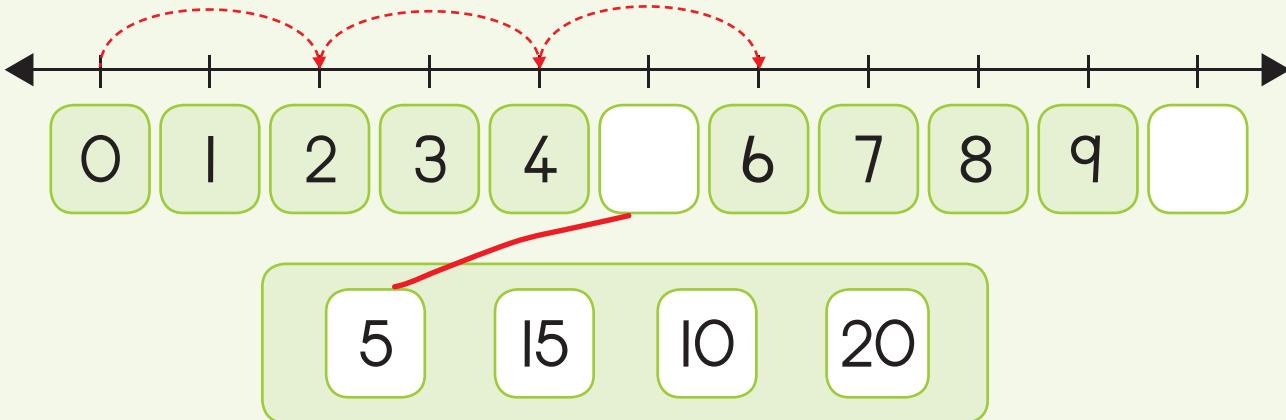
Date:





## Amaphetheni amahlanu ukufika ku -20

Gwala umuda ukumadanisa inomboro etlhayelako. Qalisisa isibonelo owenzelwe sona.  
Qedelela imeqo ngokugadangisa phezu kwayo.



Qedelela iphetheni ngokukhalara iinomboro.

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





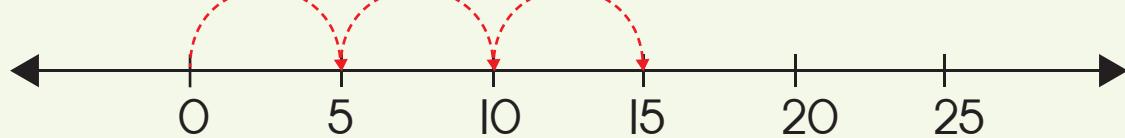
Gwala imeqo ukutjengisa okulandelako:

0

5

15

20

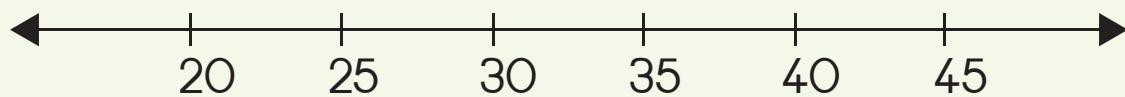


20

25

30

35

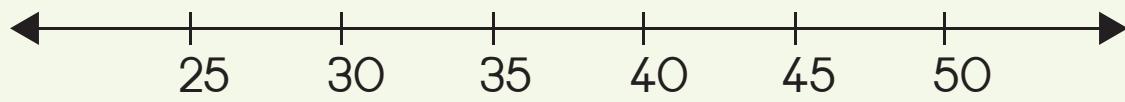


35

40

45

50



11

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15

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17

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19

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123

Teacher:  
Sign:  
Date:



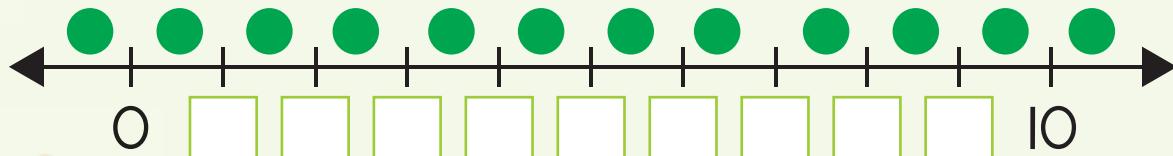
5q

Ithemu 2



## Amaphetheni wangamatjhumi

Qedelela ngenomboro etlhayelako.



Gwala imincamo eli-10 hlangana neengaba zokubala bese umadanisa inomboro nebhlago elinembako.



50      40      30      20

Qedelela inambalayini ngokukopela iinomboro ezinkelweko endaweni ezinembako.

50      30      10      0      50      20      40





Qedelela ibhodi yeenomboro ngokusebenzisa iinomboro ezikibosika.

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

Sebenzisa abosika beenomboro ozobafunyana ngemva encwadini yakho.



20	40	10	60	90	80
50	30	100	70		

11 12 13 14 15 16 17 18 19 20



Teacher:  
Sign:  
  
Date:



# 60a

Ithemu 2



Madanisa inani kanye nemali.

## Iinomboro nemali

R100	●	
R20	●	
R10	●	
5c	●	
R50	●	
50c	●	
R5	●	
RI	●	



## Imali: yamaphepha neyeenhlavu

Ndulungela imali yamaphepha/yesimbi enobungako obuphezulu.



R100

R50

R10



R1

R5

R10



R1

50c

5c



R20

R5

R10



Teacher:

Sign:

Date:



# 6Ob

Ithemu 2



## Inomboro nemali (kuragela phambili)

Ndulungela:

yoke imali yesimbi ema-5c



yoke imali yesimbi ema-10c

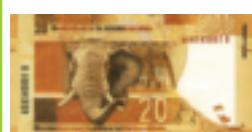


yoke imali yesimbi ema-20c



Ndulungela:

Eliphepha ema-R10



Ndulungela:

Imali eliphepha ema-R20





Ndulungela imali eyisimbi emudeni ngamunye ezokuthi nayihlanganiswako yenze i-20c.



Ndulungela imali emaphepha emudeni ngamunye ezokuthi nayihlanganiswako yaba ma-R20.



Teacher:  
Sign:  
Date:



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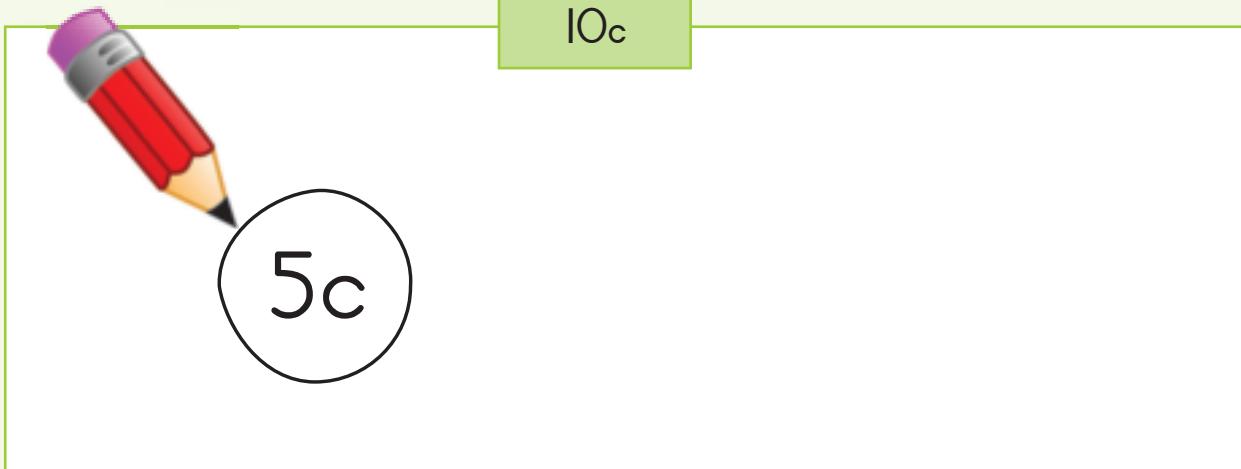


## Imali netjhentjhi

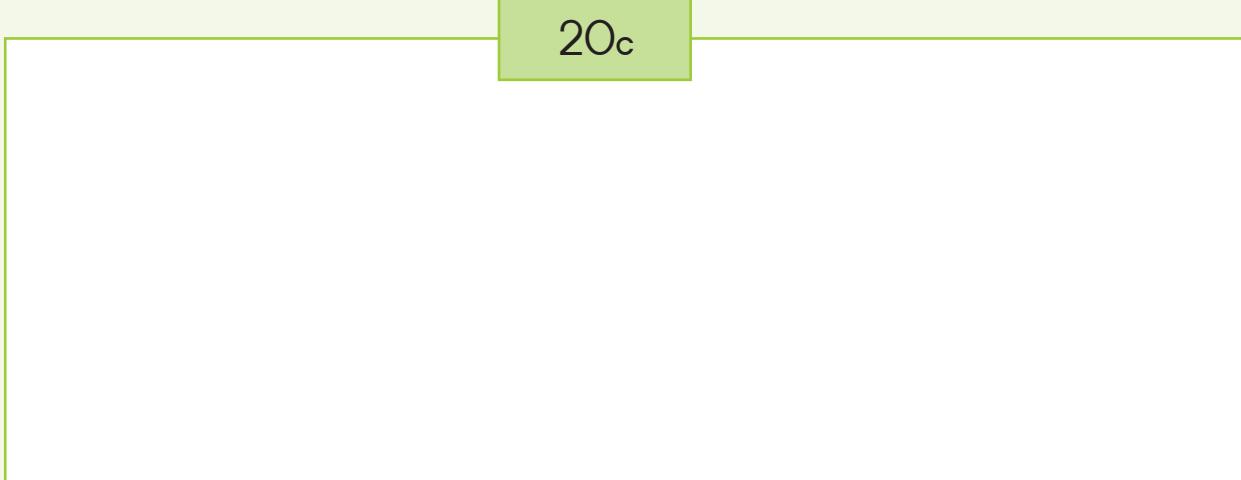


Gwala imali yehlavu ezokunikela inani:

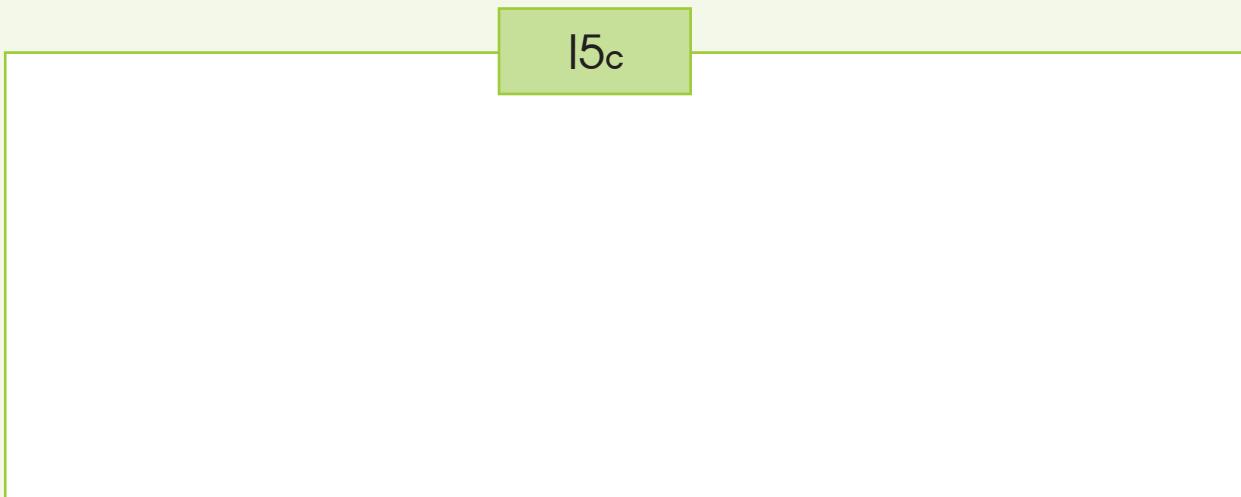
a.



b.



c.



130



Hlanganisa imali yesimbi. Khalara ipendulo enembako.

	10c	15c	20c
	10c	15c	20c
	10c	15c	20c



Nginalokhu okulandelako ngebhangen'i lami lefarigana. Ngikuphi engingakuthenga?  
Gwala nanyana unamathisele ebbhogweni.




Teacher:

Sign:

Date:



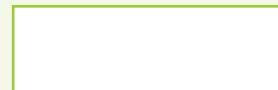


## Okhunye mayelama nemali kanye netjhentjhi

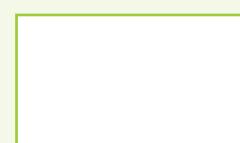
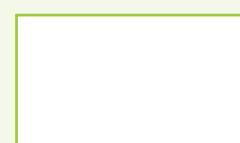
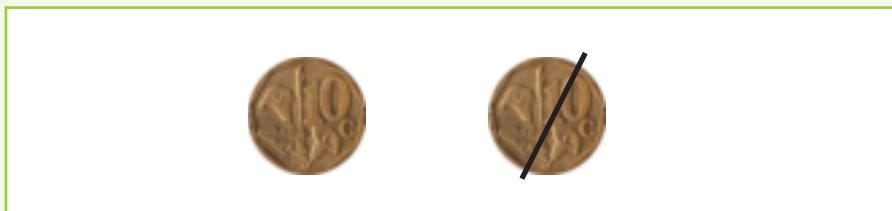
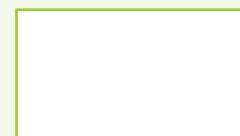
Khupha imali eyodwa yesimbi eyi-5c. Usele ngamalini?



5c



Kusele okungangani?





Kusele okungangani? Madanisa okulandelako.



5c



20c



15c



10c



Teacher:  
Sign:  
Date:



11

12

13

14

15

16

17

18

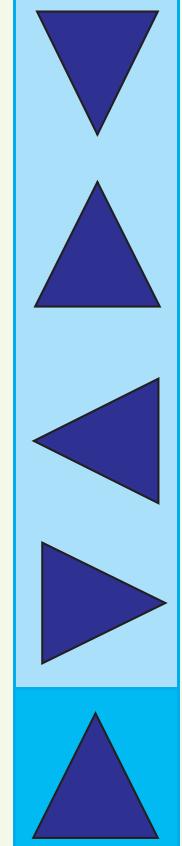
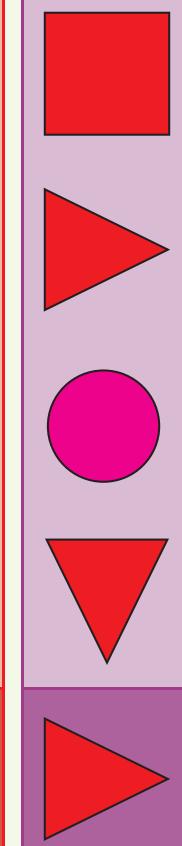
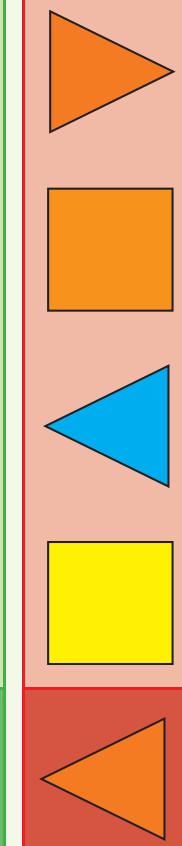
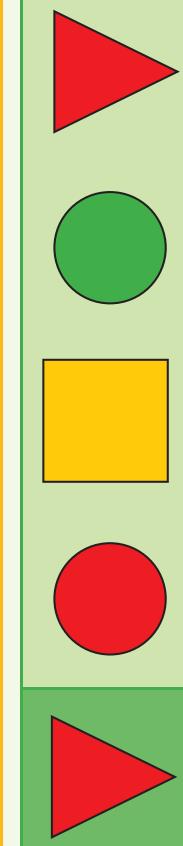
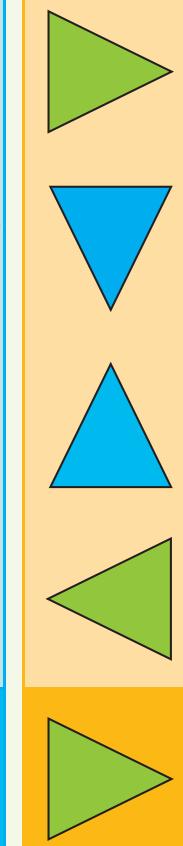
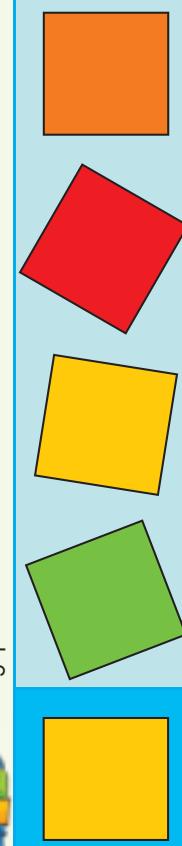
19

20

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## Amabumbeko, ukuqaleka nobujamo

Thola bewundulungele ibumbeko elinobujamo obuqaleka njengobujamo obungaphakathi kwebhoksi lokuthoma.



Ndulungela ipendulo enembako.



					5
					4
					3
					2
					1






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10  
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4  
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2  
1

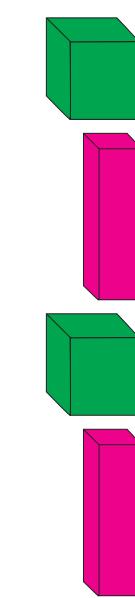
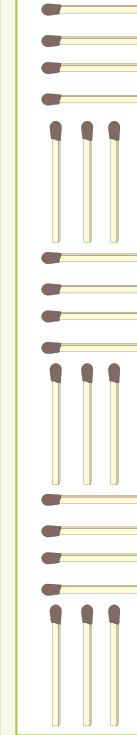
134  
135

Teacher:  
Sign:  
Date:

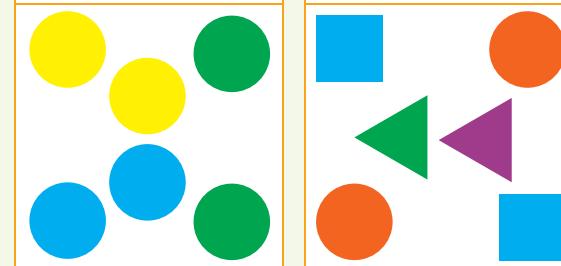
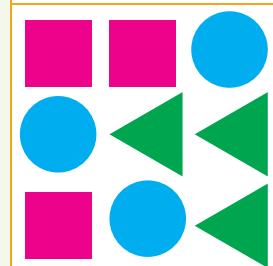
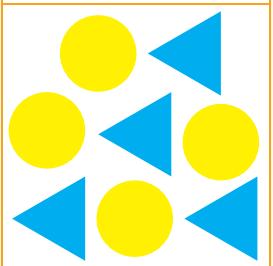
64a

## Amajamo anamaphetheni wejiyomethri

Yelula iphetheni ngejamo ellodwa nanyana amajamo amanengi.



Yelula iphetheni ngejamo ellodwa nanyana amajamo amanengi.



Ithemu 2

Teacher:  
Sign:  
Date:

137

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136

64b

## Amajamo we - 2-D nezinto ezima - 3-D

Imibala namabumbeko.

Khalara amaskwere ngombala obomvu .

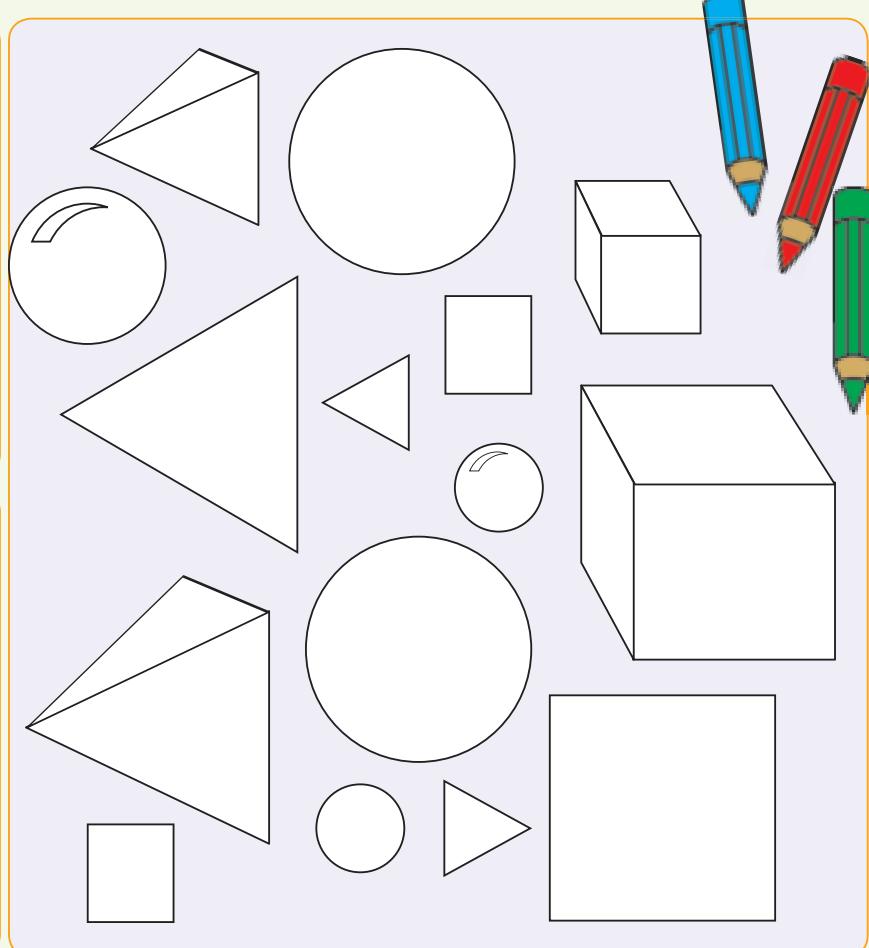
Khalara amasekeli ngombala ohlaza kwestibakkha .

Khalara aboncantathungombala ohlaza kotjani .

Khalara amakhuyubhu ngombala osarulana .

Khalara ingcenyę ngombala ophephuli .

Khalara amaphrizima ngombala osalamune .



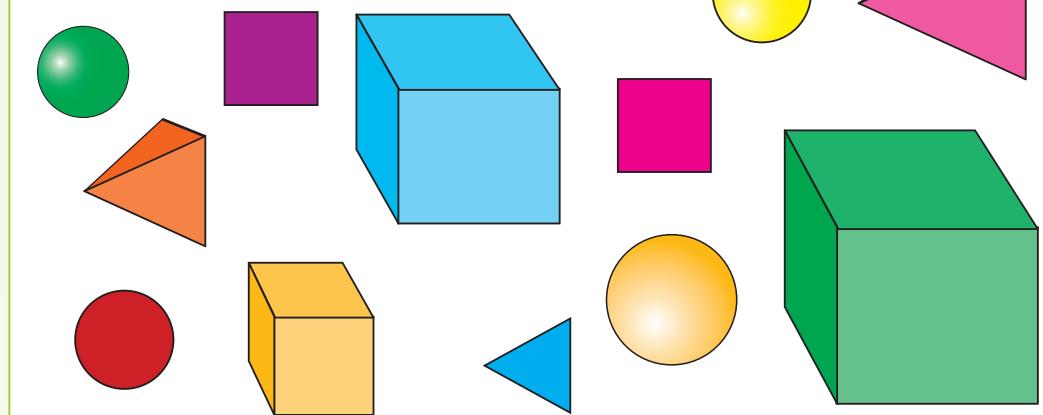
## Amajamo kanye nezinto eziqinileko

Ndulungela ubujamo.

Ndulungela lokhun ngombala obomvu .

Ndulungela lokhun ngombala ohlaza kwestibakkha .

Khalara lokhun ngombala ohlaza kotjani .

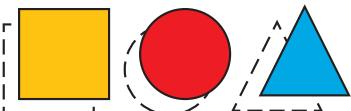


Teacher:  
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Date: \_\_\_\_\_

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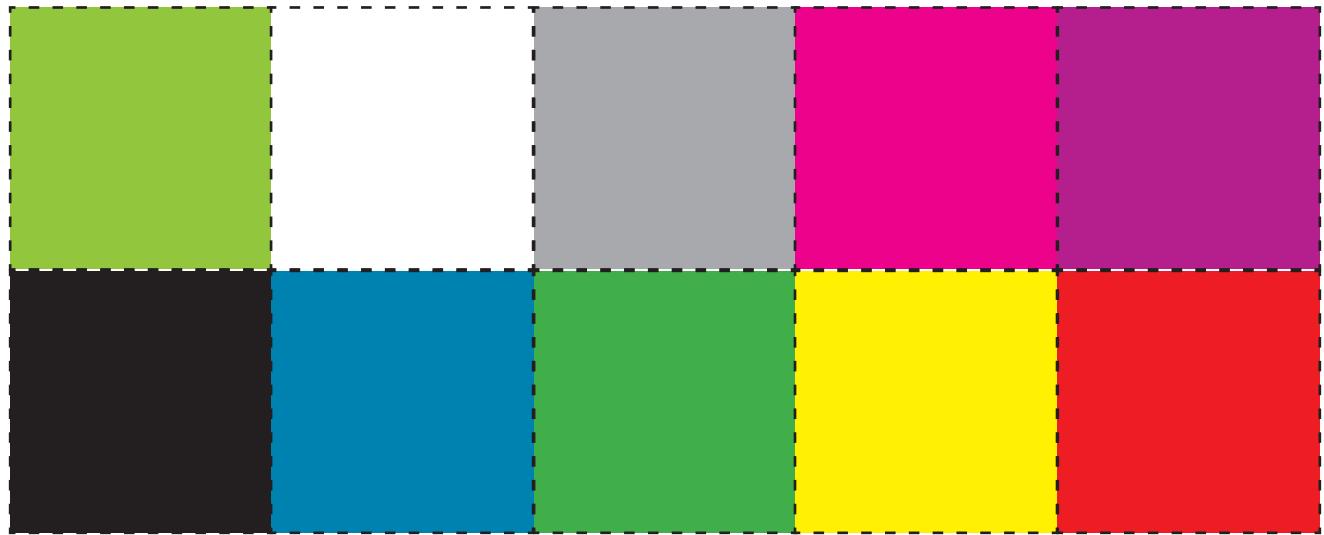
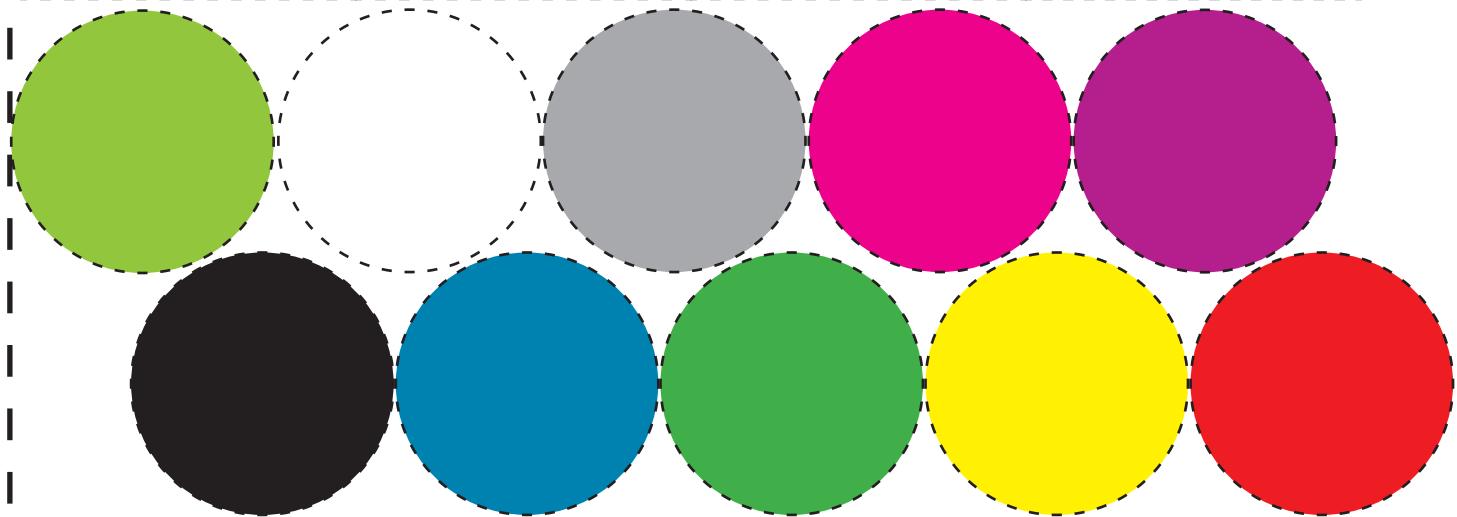
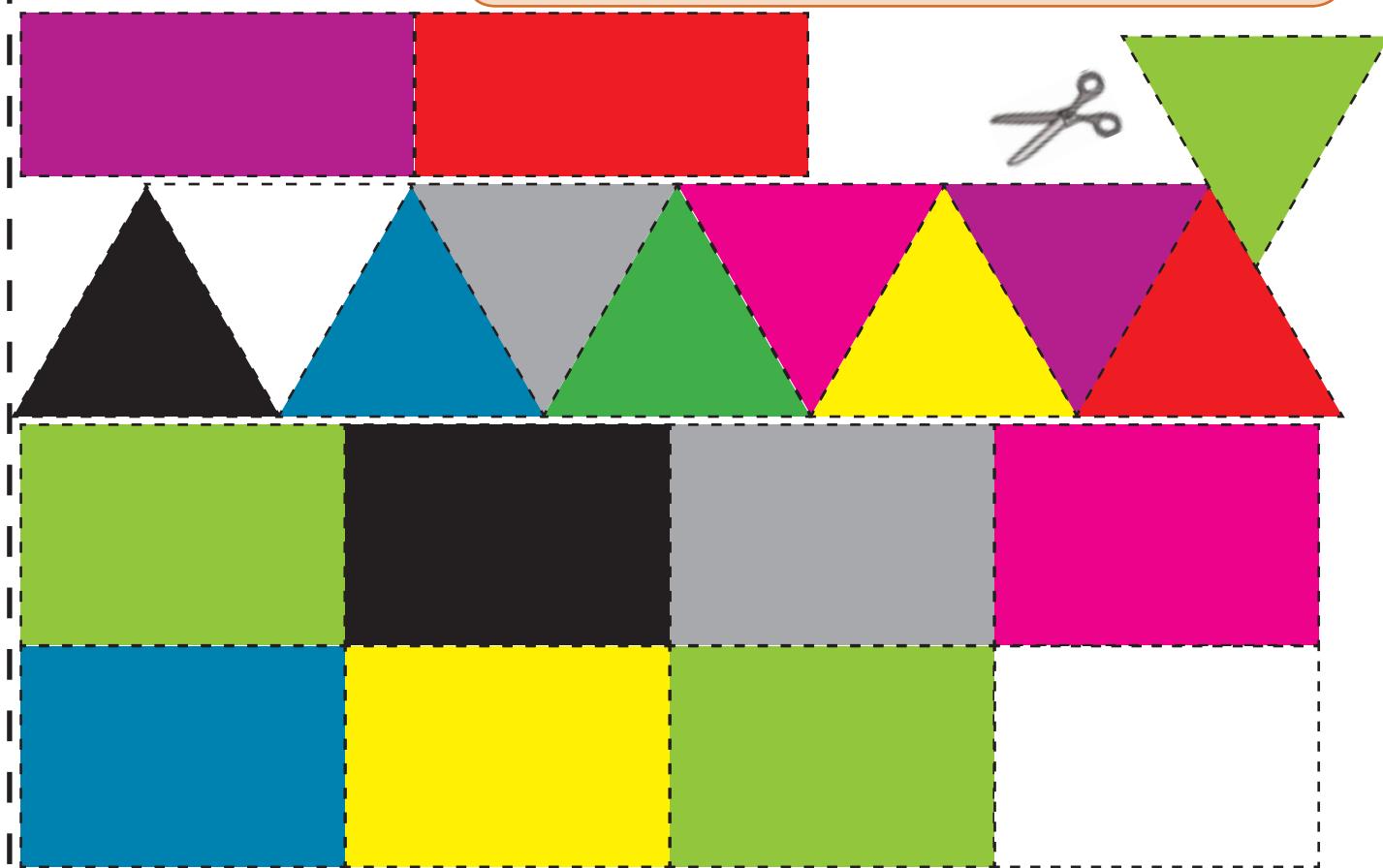
1 2 3 4 5 6 7 8 9 10

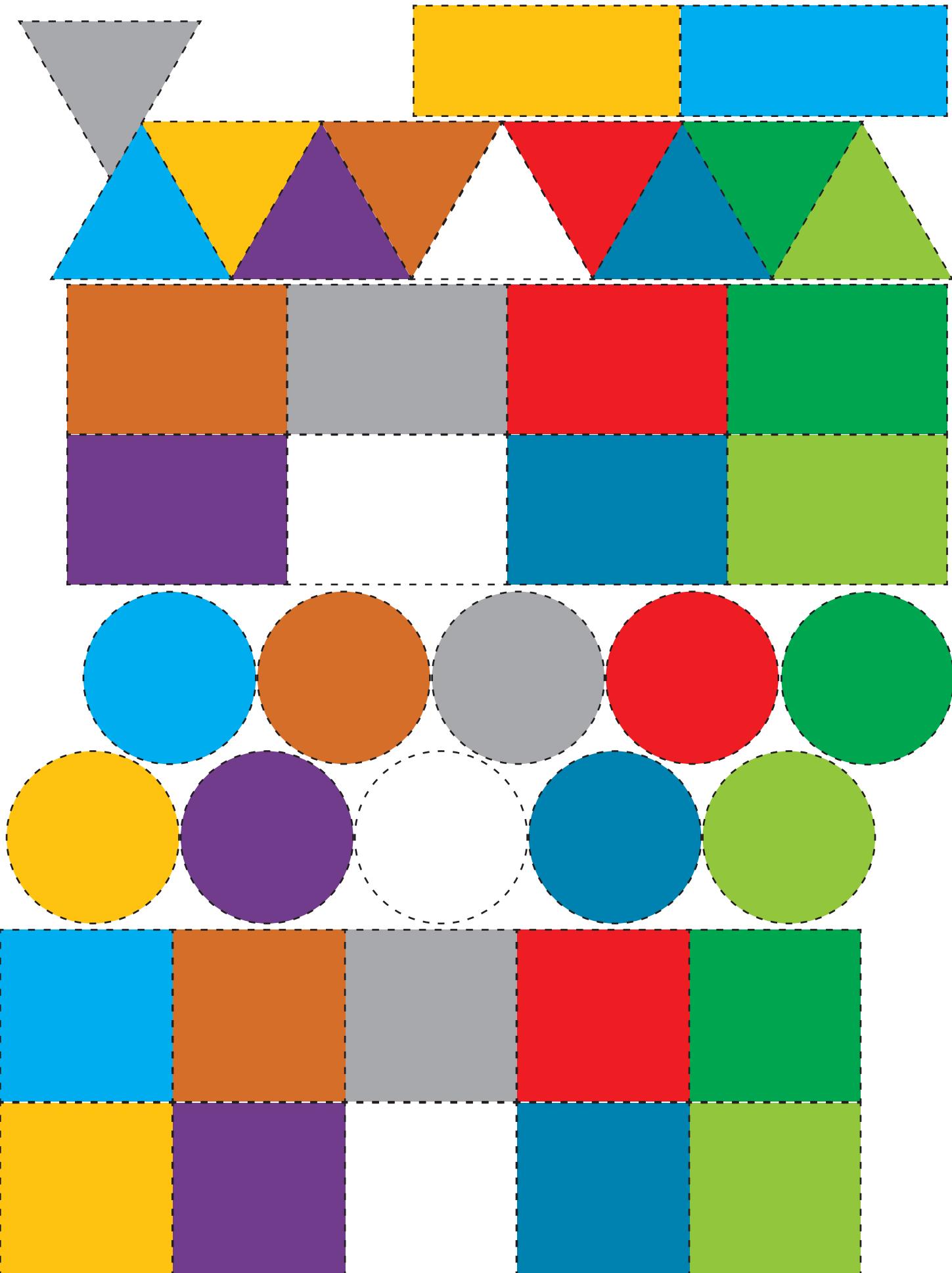
11 12 13 14 15 16 17 18 19 20

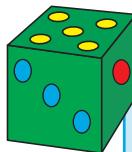


### Shapes:

Cut out the shapes on the dotted lines. Now use them to do the worksheets in your book. Remember to keep them safe so that you can use them over and over again.

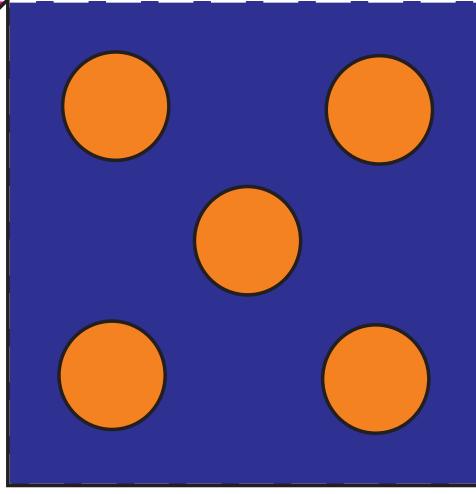
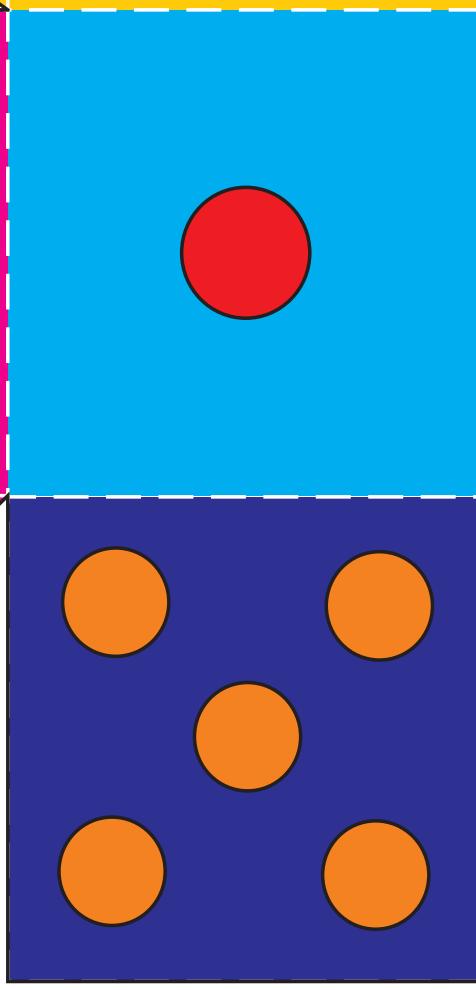
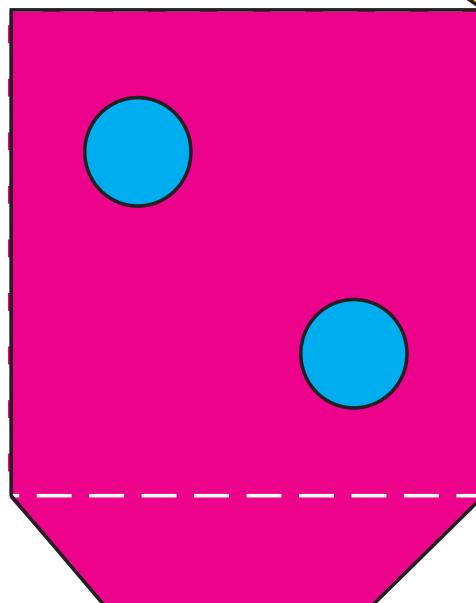
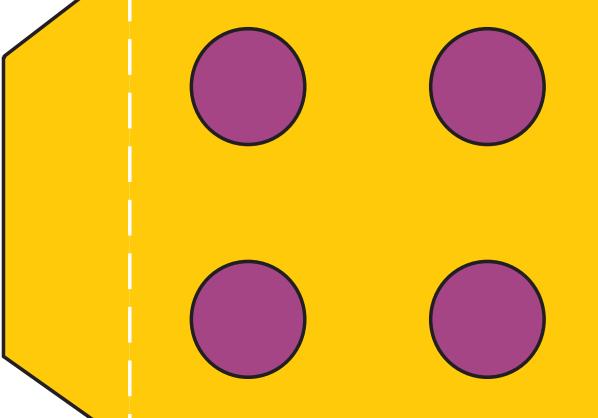
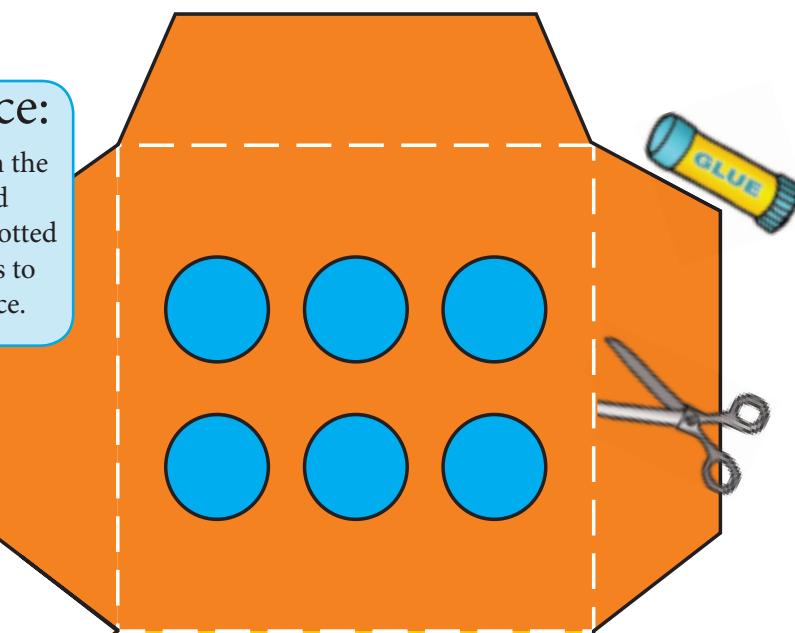






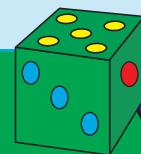
### Make a dice:

Cut the dice out on the black outer line and fold on the white dotted lines. Glue the flaps to the inside of the dice.

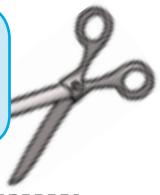


### The game:

Play together. If you are two you will have 2 dice. Throw the dice and take turns to add up the numbers. The more kids playing together the trickier it will get.



Use these cut outs  
numbers to complete  
the number board.



20 40

10 60

90 80

50 30

100 70

