

Ukufunda ngoMthethosisekelo weRiphabliki yeSewula (1996)

UMthethosisekelo weSewula Afrika (1996) umumethe imithetho yenarha eseqophelweni eliphezulu. Imithetho le kumele ilandele ngumongameli wenarha, abaphathi beenkundla zemithetho kanye nalabo abasembusweni. Imithetho le ihlathulula kobana abantu benarha bafenele baphathane njani, ukuthi ngimaphi amalungelo wabo nokuthi ngiziphi iimbopho abanazo. UMthethosisekelo wenzelwe ukusivikela soke thina kanye nabentwana bethu ngomuso.

Kuqakathekile ukwazi izehlakalo zesikhathini esidlulile ko.

Asingabu yeleli iimphoso zangesi khathi esidlulile ko.

UMthethosisekelo usisiza ukucabanga nokwakha ilingomuso elingcono lethu soke.

Thina, abantu beSewula Afrika;

Siyakwazi ukungaphatheki kwethu ngokomthetho esikhathini esadlulako;

Siphathela phezulu abahlukunyezwa ngebanga lokobana kubenokulunga begodu nekululeko enarheni yekhetu;

Sihlonipha labo abasebenze ekwakheni begodu nekuthuthukiseni iphasi lekhetu; begodu

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

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

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

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

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

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

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

Ukwazi umThethomling wa wamalungelo Kanye nomThethomling wa weembopho.

UZimu akavikele abantu bekhethu.

Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.



MATHEMATICS IN ISINDEBELE

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TERMS 1 & 2

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UKz. Angie Motshekga,
nguNqgonqotjhe
weFundo-Sisekelo



Dorh. Reginah Mhaule,
nguSekela kaNqgonqotjhe
weFundo-Sisekelo

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

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

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

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

Sinifisela ipumelelo ekusebenziseni iincwadi lezi.



IGreyidi



ISINDEBELE

ISINDEBELE

Incwadi



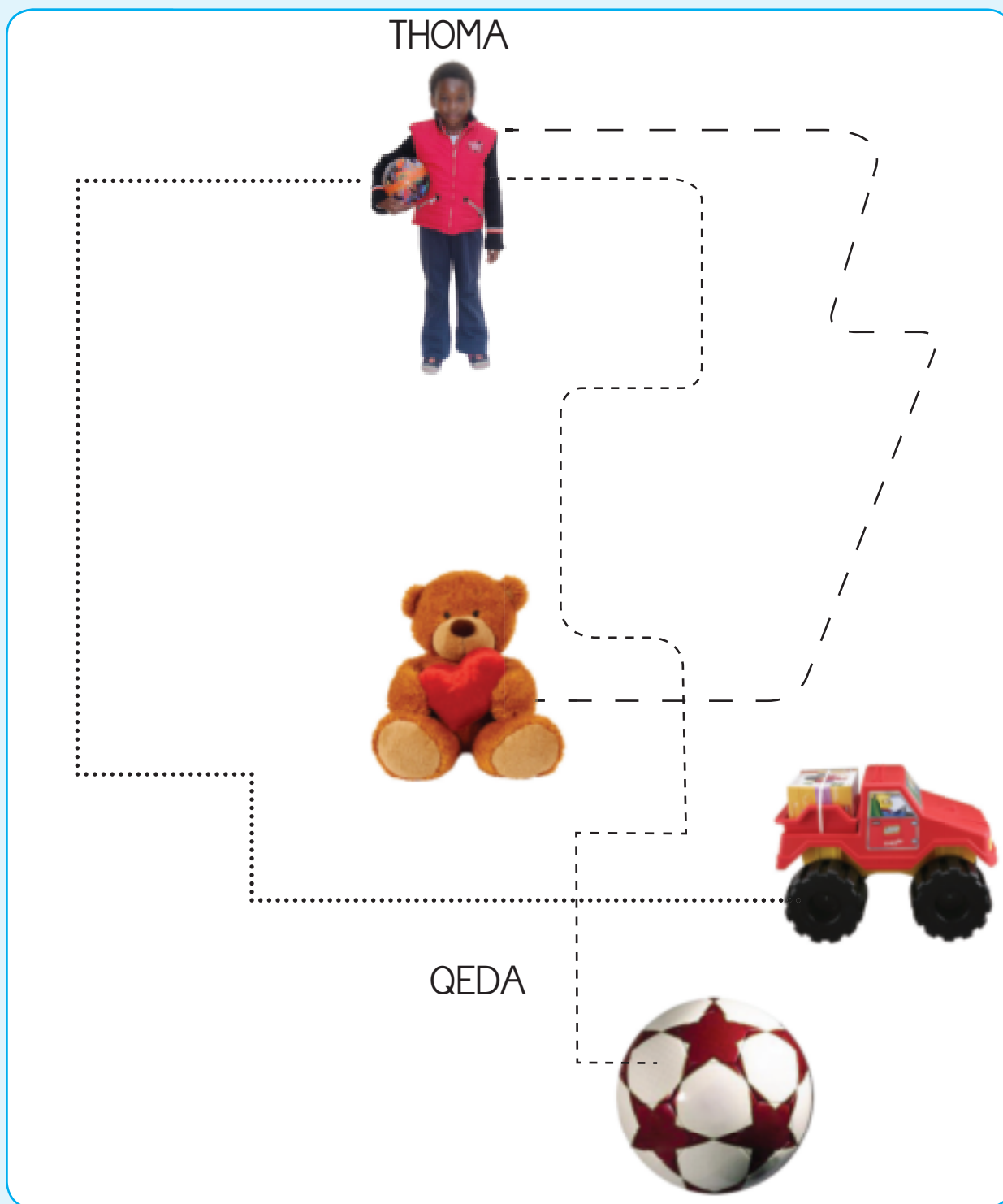
Incwadi le ngeyaka:

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Ukubuyekeza: Ukufuna umthala nokumadanisa

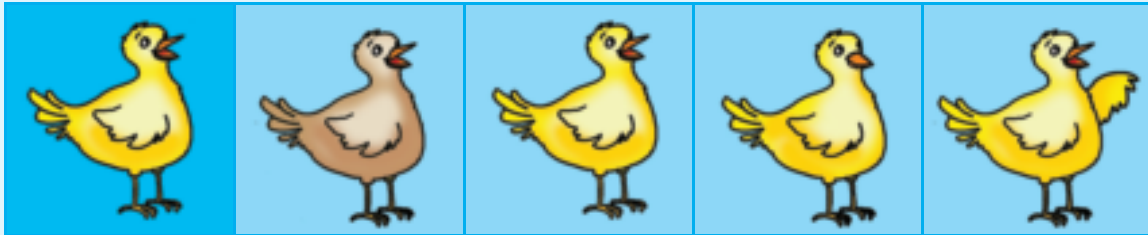
Siza umntazana lo ukuthola izinto zakhe zokudlala.





Ukumadanisa

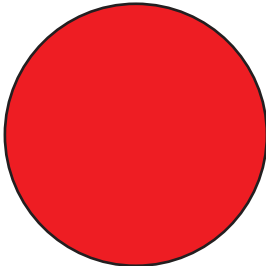
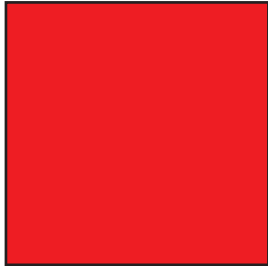
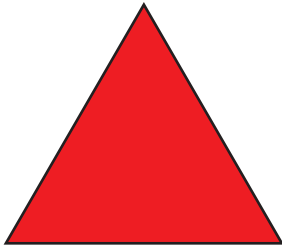
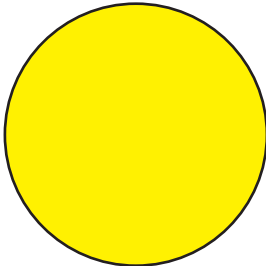
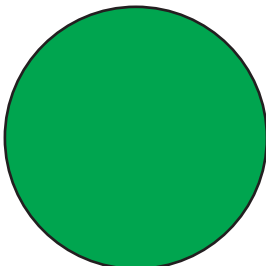
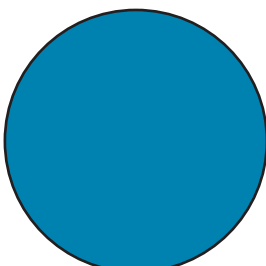
Madanisa isithombe esingebhoksaneni lokuthoma naleso esifana naso ngokusitshwaya ngo (x).



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Beka amabumbeko ngokombala, ngaphakathi kwamabhoksi.
 Ireji eyodwa kufanele ibenombala
 owodwa njengebumbeko lokuthoma.
 Sesenze amabumbeko abomvu njengesibonelo. Yitjho bonyana ibumbeko elilodwa linombala onjani.
 Sebenzisa abosika abangemuva kwencwadi.

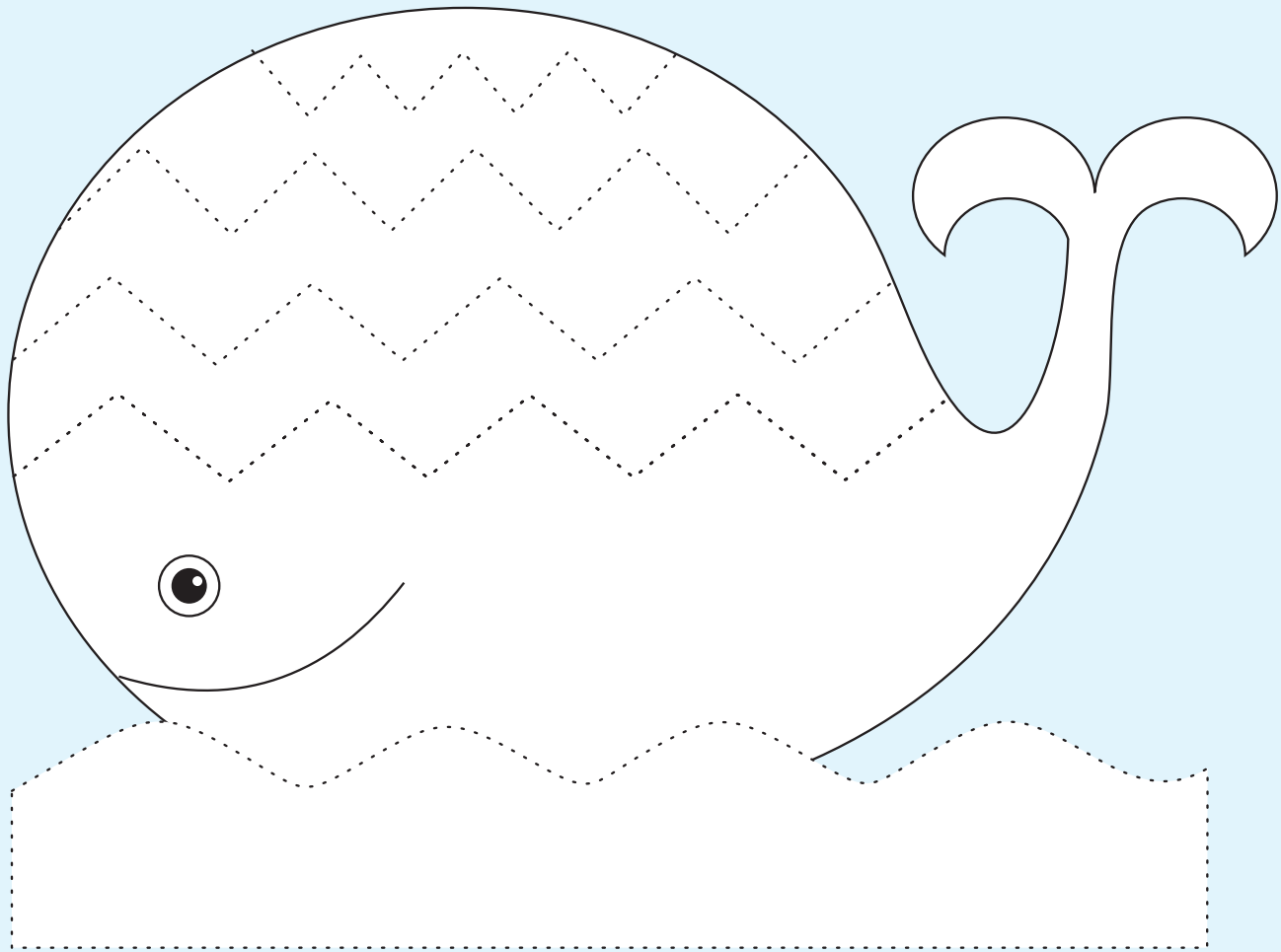
		
		
		
		





Amaphetheni

Gadangisa imida emacaphazi uqedelele iphetheni yeweyili.



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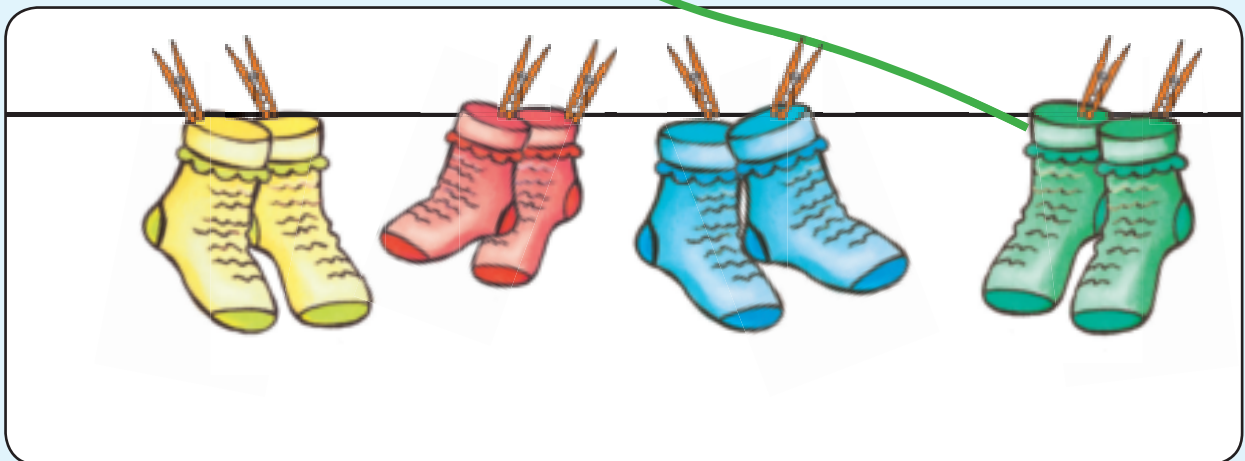
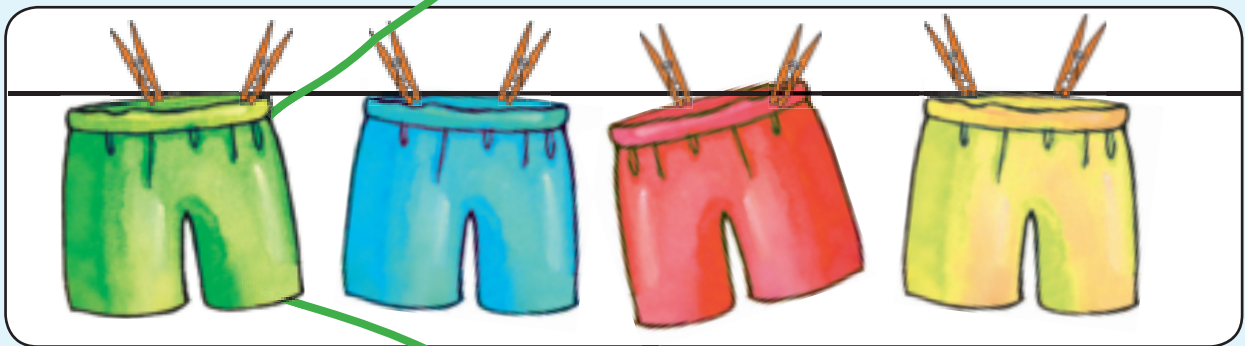
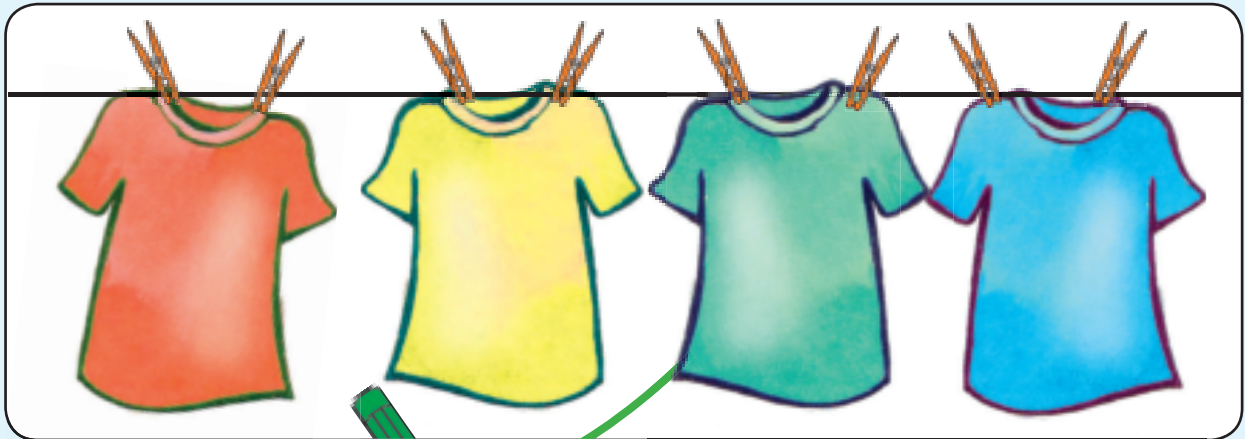
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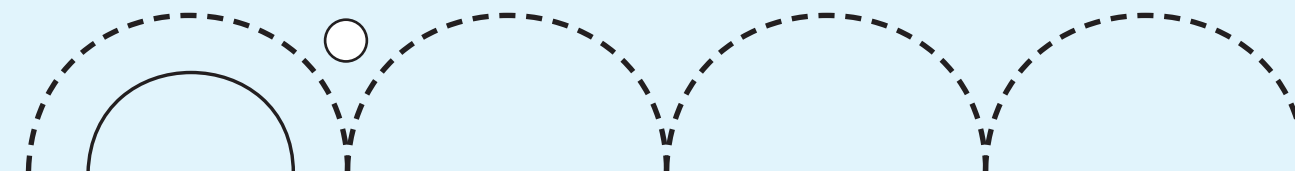
Ukubuyekeza: Imibala namaphetheni

Thala umuda umadanise izembatho ezinombala ofanako.





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



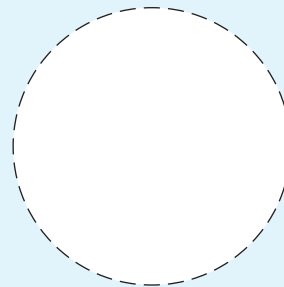
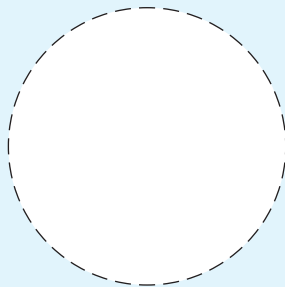
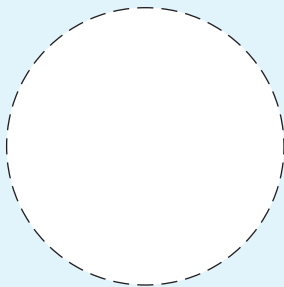
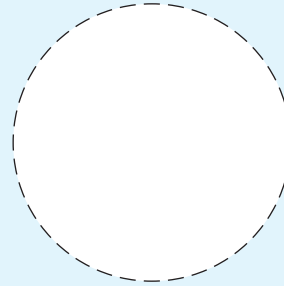
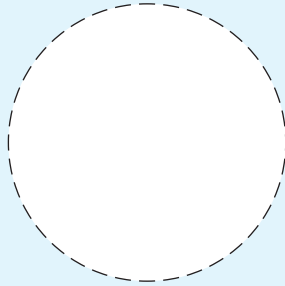
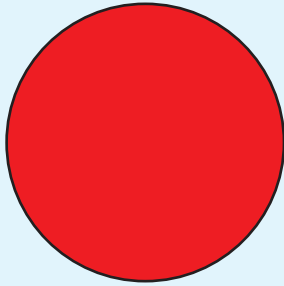
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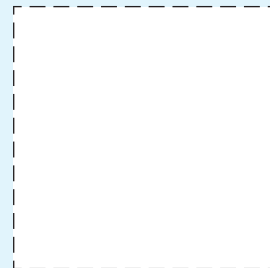
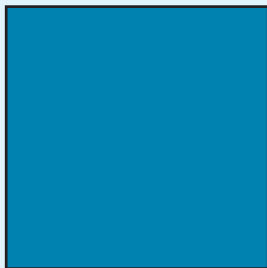


Ukubuyekeza: Ukuhlela nokumadanisa amajamo

Thola amabumbeko ayisekeli ngemuva encwadini yakho bese uwabeka eenkhaleni lezi.

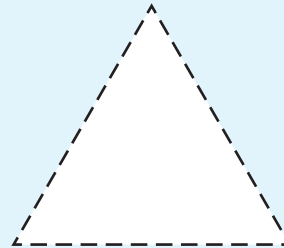
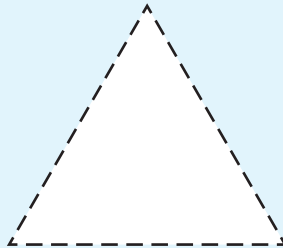
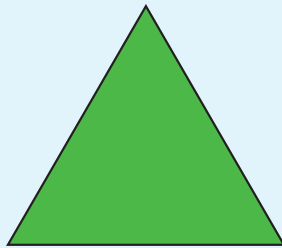


Thola amabumbeko
wesikwere
bese uwabeka
eenkhaleni lezi.

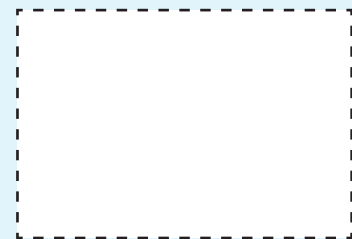
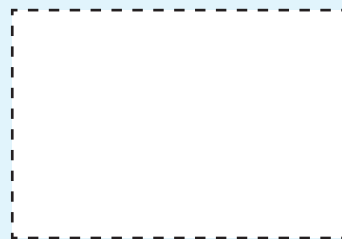
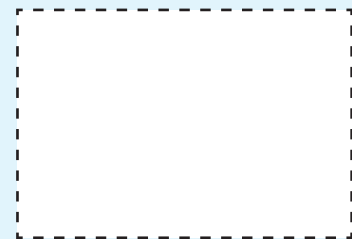
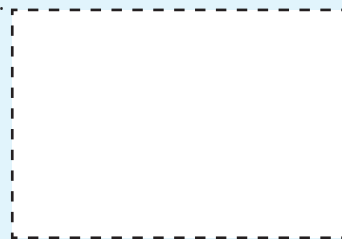
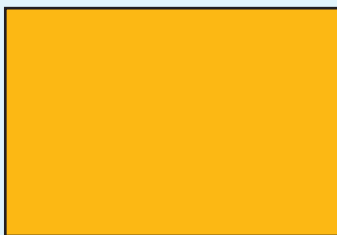




Tlola amabumbeko
anguncantathu
bese uwabeka
eenkhaleni lezi.



Thola amabumbeko
aboncamane bese
uwabeka eenkhaleni lezi.



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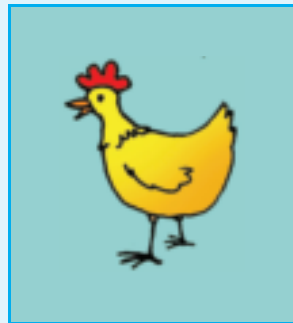
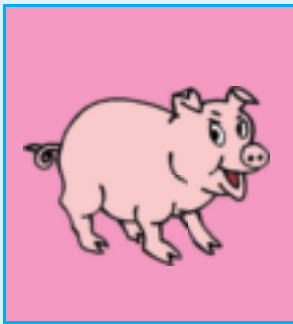
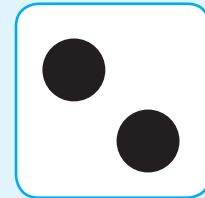


Ukubuyekeza: Funyana bewubale

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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12 13 14 15 16 17 18 19 20

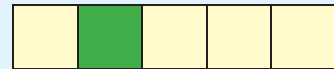


Ukubuyekeza: Iindawo

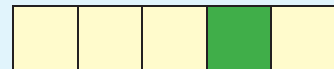
Ndulungela isilwana esibovu ukutjengisa bonyana sisebujameni obubodwa nebhlogo elihlaza kotjani emudeni. Qala isibonelo owenzelwe sona.



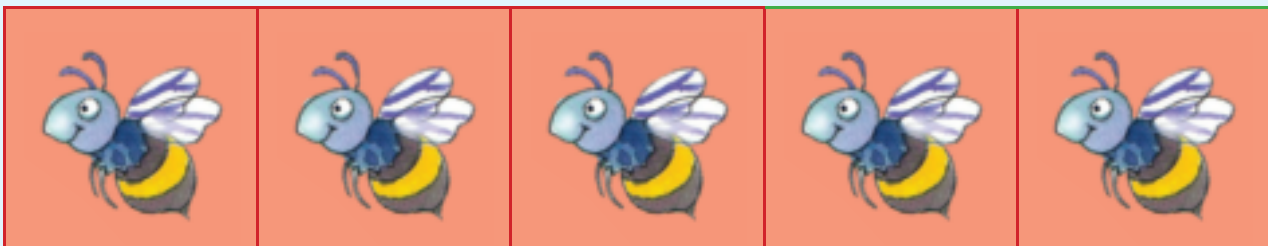
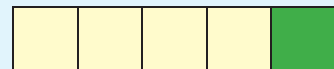
Ndulungela iinyamazana ezisebujameni lobu ereyini engenzasi.



Ndulungela iinyamazana ezisebujameni lobu ereyini engenzasi.

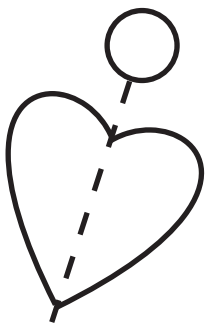
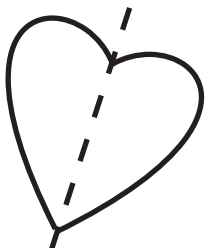
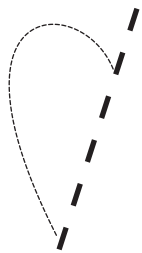
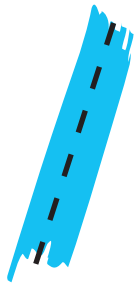


Ndulungela iinyamazana ezisebujameni lobu ereyini engenzasi.





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



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Ukubuyekeza: Isikhathi

Qalalisa 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.



Ukufunda
esikolweni.



Ukudlala umdlalo
webholo.



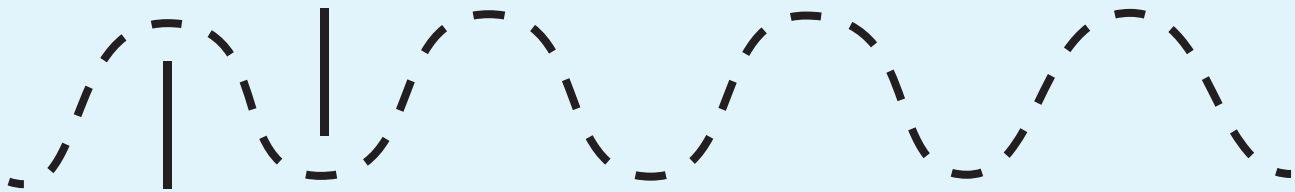
Ukupenda indlu.



Ukupenda
isithombe.



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



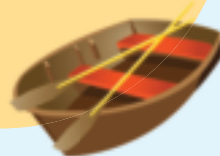
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Ukubuyekeza: Amajamo, ubukhulu nemibala



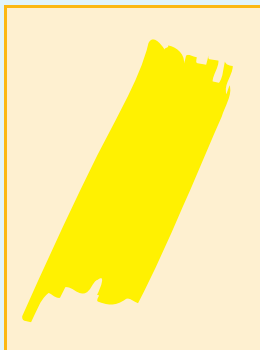
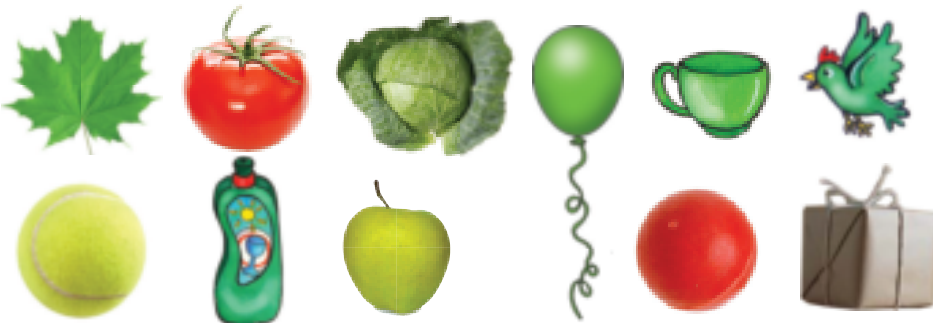
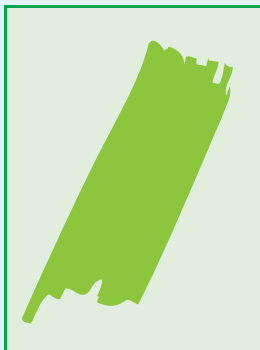
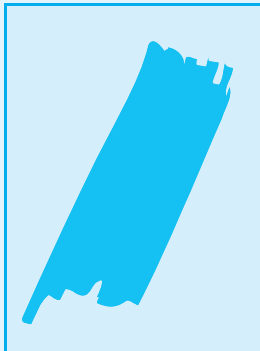
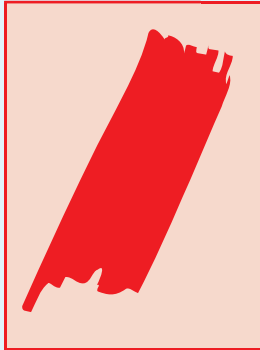
Ndulungela into ekulu ngakesinye nesinye isithombe.





Ukubala

Ndulungela izinto lezo ezinombala ofana nendepende engaphandle kwebhoksi.



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q

Ithemu I



Bala okusesithombeni. Gadangisa igama lenomboro.

Kunye

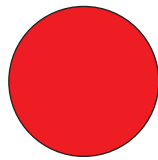
inyosi yinye
umntazana munye
indlu eyodwa
ibholo eyodwa



Landelela ugadangise inomboro.

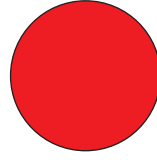


Madanisa iinthombe ezifanako.







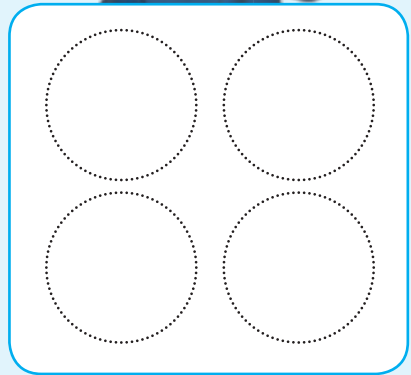
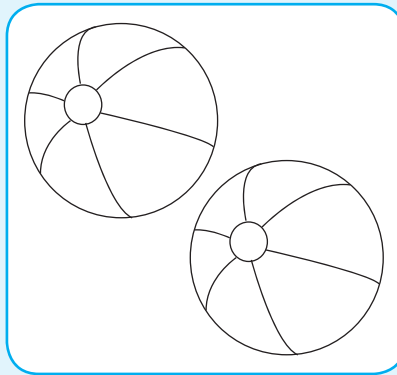
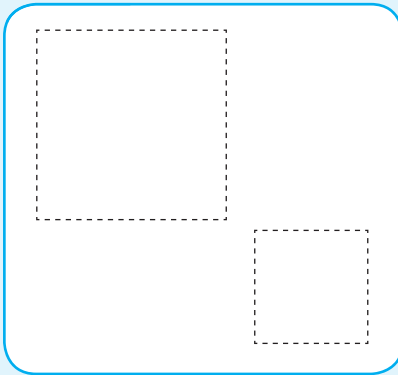



18

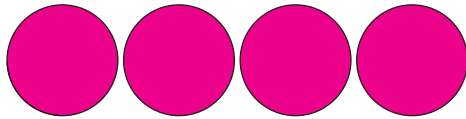
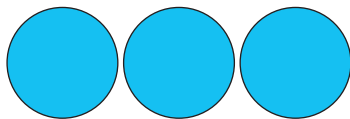
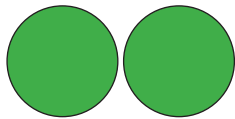
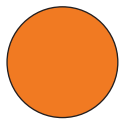




Khalara oku-I ngebhlogweni ngalinye.



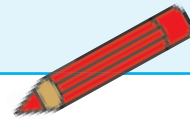
Kopulula bewugwale okhunye okukodwa.



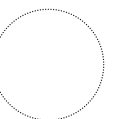
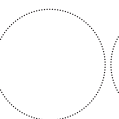
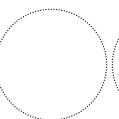
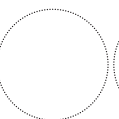
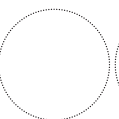
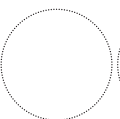
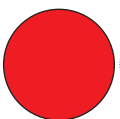
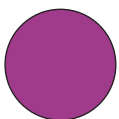
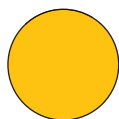
Zijayeze inomboro.



kunye



Khalara indulunga ngayinye nawubalako.



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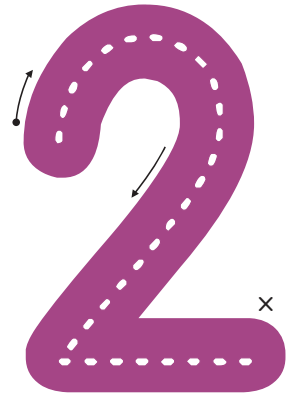


Kubili



Bala okusesithombeni. Gadangisa igama lenomboro.

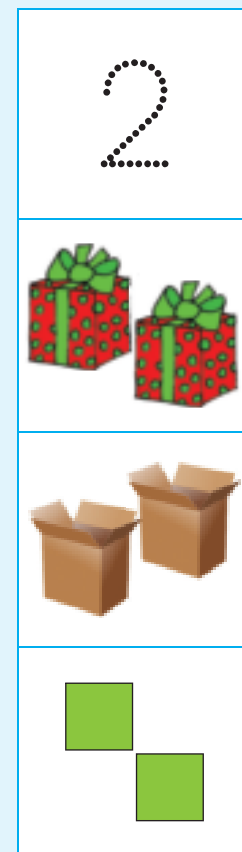
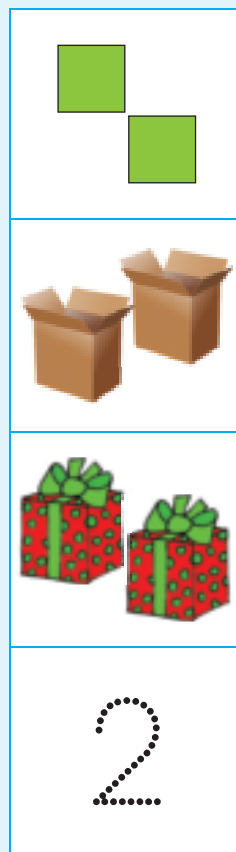
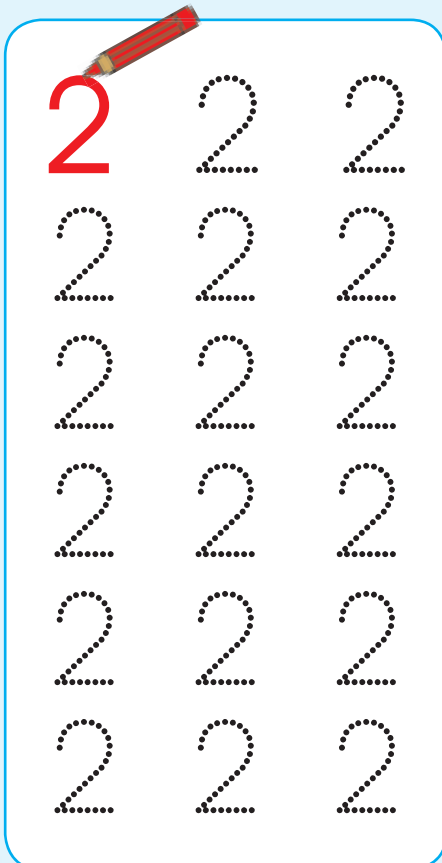
imithi emibili
abesana ababili
izinga ezimbili
amakhayathi amabili



Landelela ugadangise inomboro.

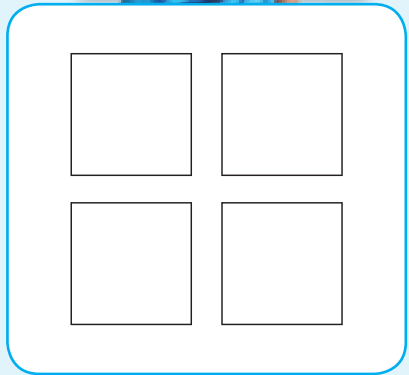
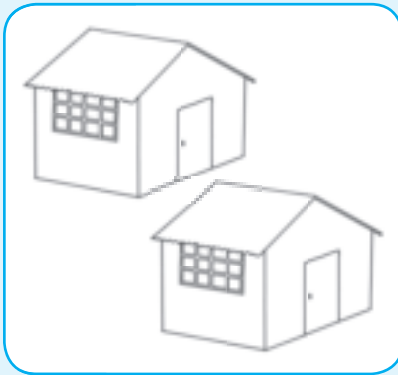


Madanisa iinthombe ezifanako.

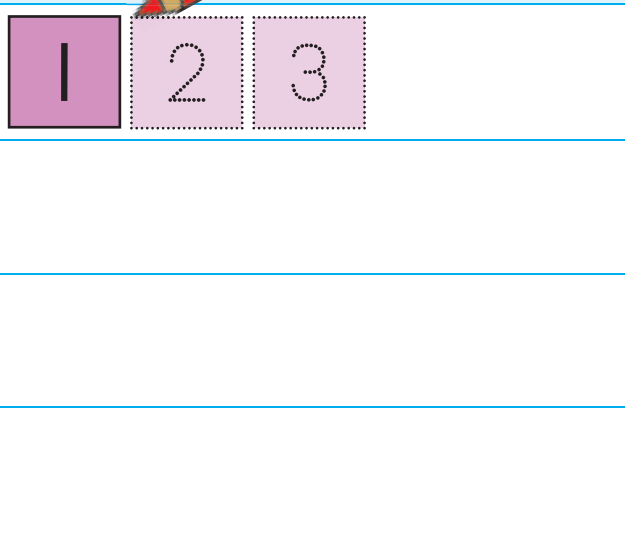
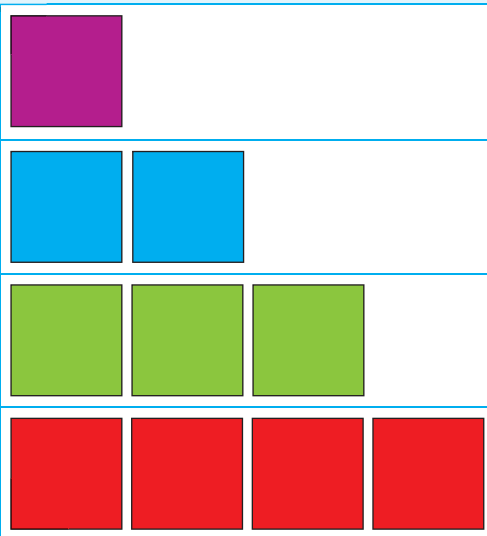




Khalara oku-2 ngebhlogweni ngalinye.



Kopulula bewugwale okhunye oku-2.

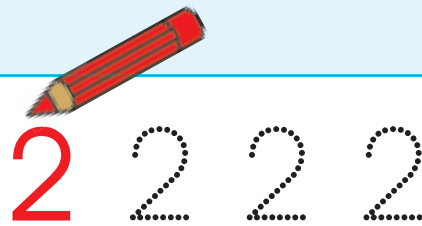


Zijayeze inomboro.



2

kubili



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Kuthathu



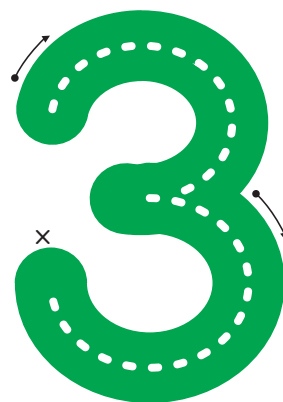
Bala okusesithombeni. Gadangisa igama lenomboro.

amadada amathathu

iminenke emithathu

iimbungu ezintathu

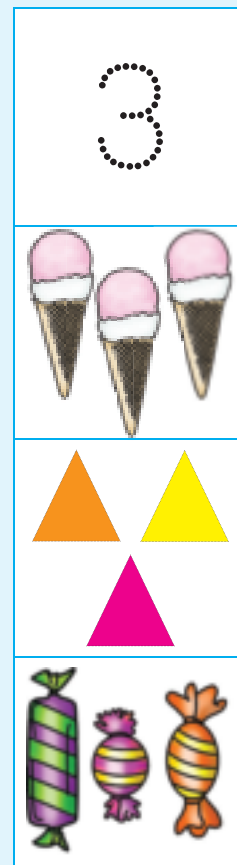
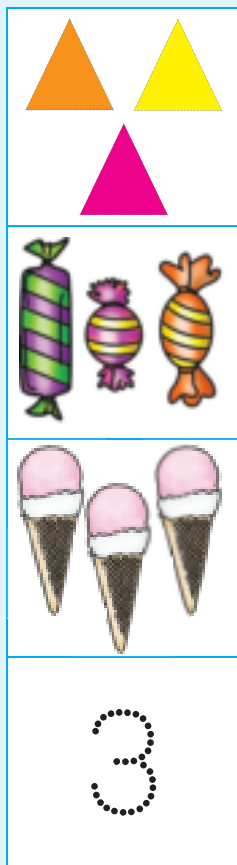
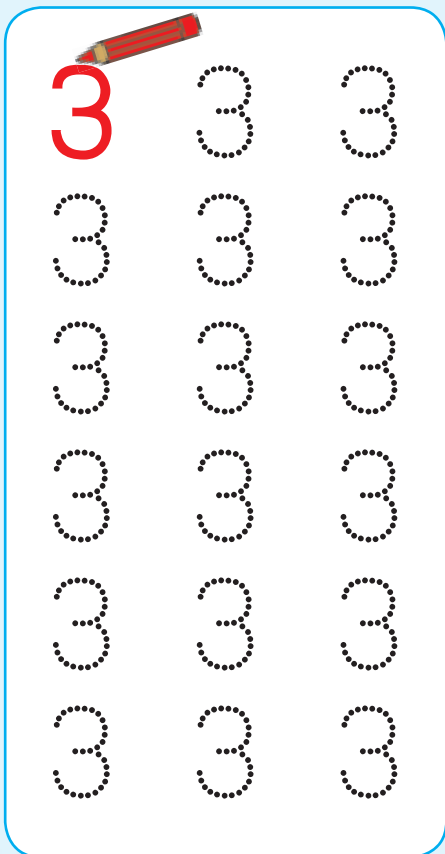
amathuthumbo amathathu



Landelela ugangise inomboro.

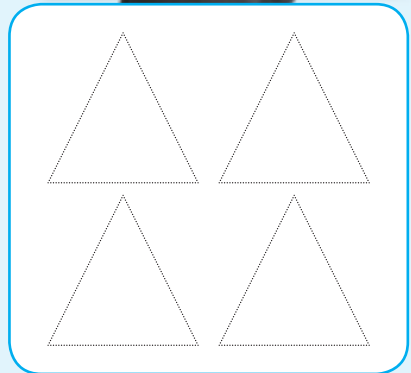
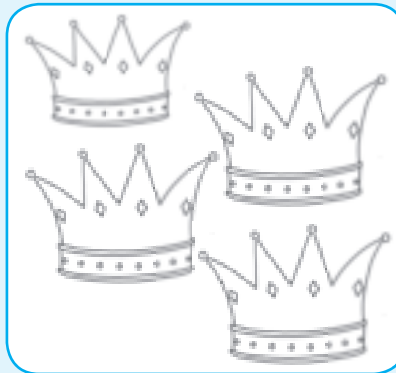


Madanisa iinthombe ezifanako.

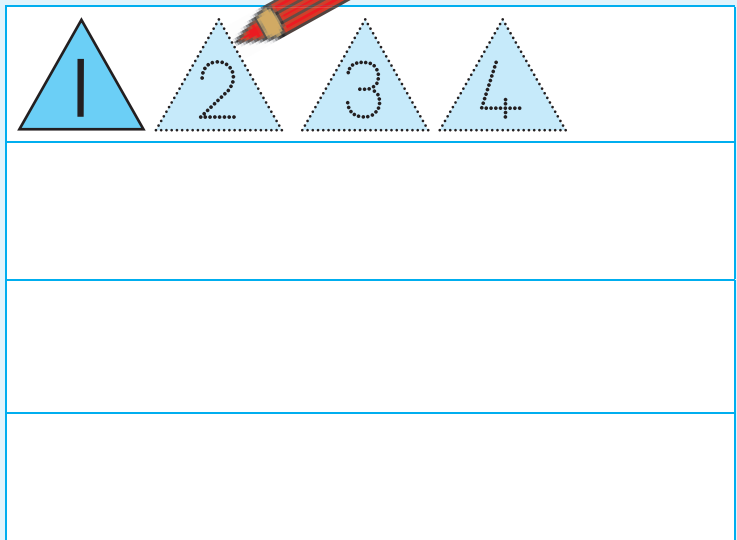
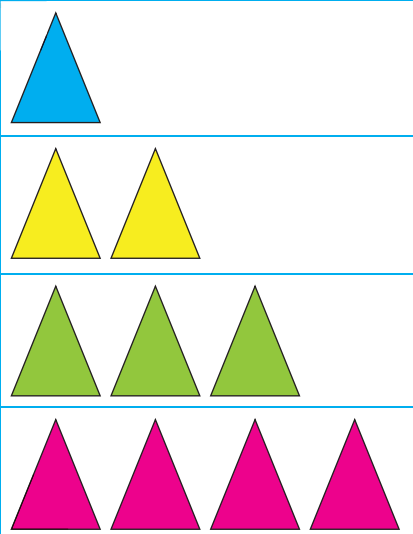




Khalara kube ku-3 ngebhlogweni ngalinye.



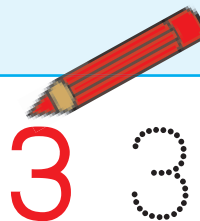
Kopulula bewugwale okhunye oku-3.



Zijayeze inomboro.

3

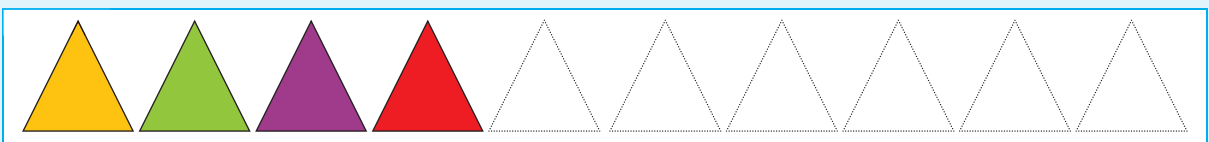
kuthathu



3 3 3 3



Khalara uncantathu nawubalako.



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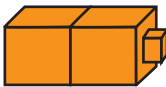
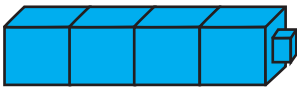
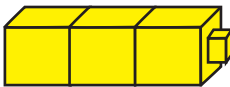
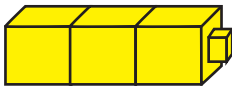
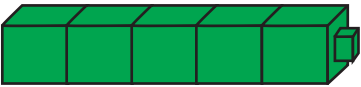
I2a

Ithemu I

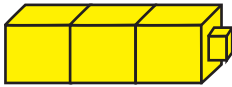
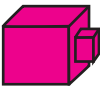
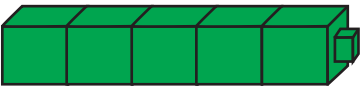
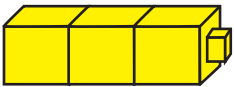
Ubude neendawo



Tshwaya (✓) isitimela esifitjhani khulu.

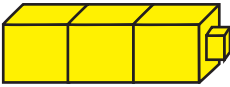
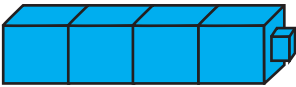
 ☐	 ☐	 ☐
 ☐	 ☐	 ☐

Tshwaya (✓) isitimela eside khulu.

 ☐	 ☐	 ☐
 ☐	 ☐	 ☐

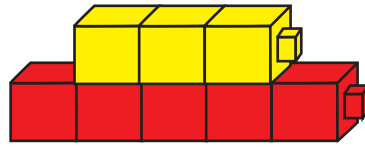


Gwala isitimela esizokuba side.



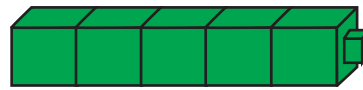
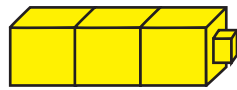
Khalara igama. Isitimela esifitjhani si:-



ngaphambili

ngaphezulu

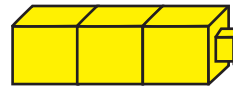
ngemuva



ngaphambili

ngaphezulu

ngemuva



ngaphambili

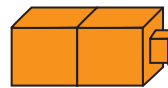
ngaphezulu

ngemuva



Grwala isitimela eside.

ngaphezulu



ngeqadi kwe-



ngaphambi kwe-



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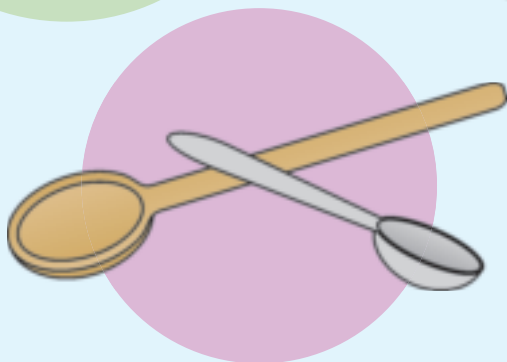
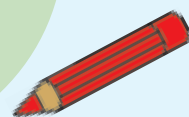
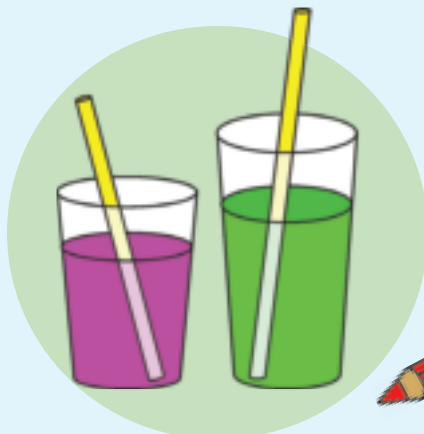
I2b

Ithemu |

Ubude



Ndulungela into efityhane nesinye isithombe.



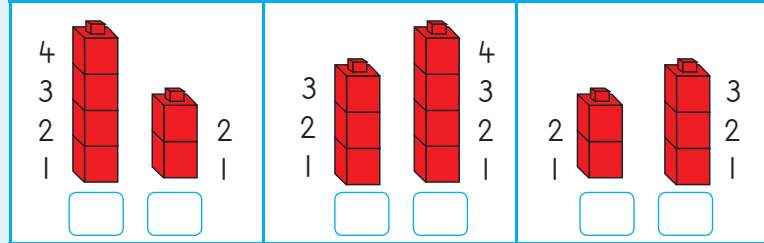
efityhane ede



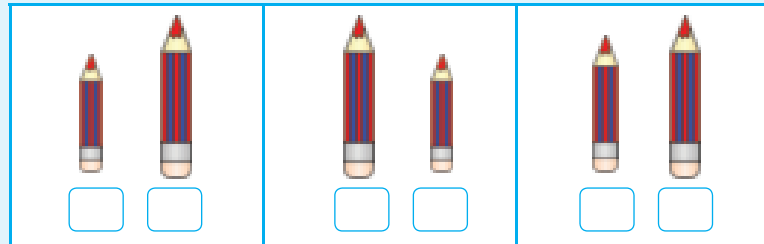


Tshwaya ipendulo enembako.

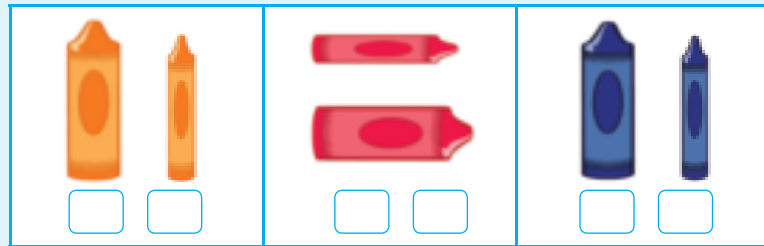
Tshwaya okude khulu.



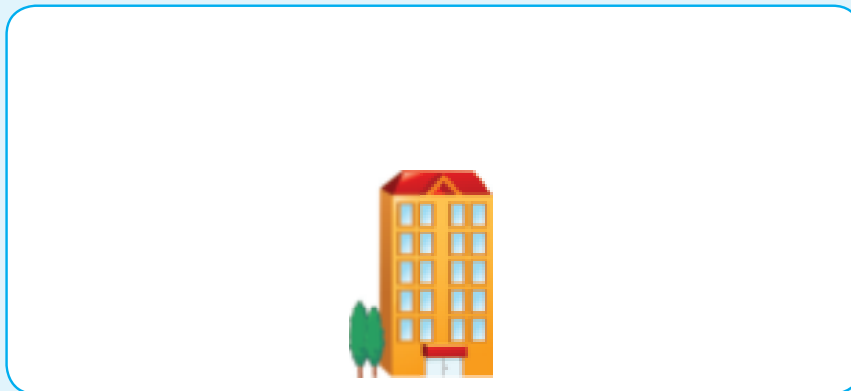
Tshwaya ipensela efitjhani khulu.



Tshwaya ikhrayoni elibanzi.



Gwala: umakhiwo owodwa omfitjhani nowodwa omude kinalo ongenzasi.



Gwala umlambo owodwa obanzi nomunye owodwa omatsikani kinalo osesithombeni.



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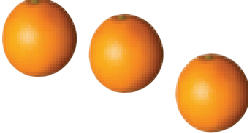
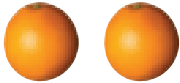
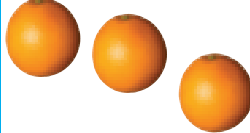
Date:





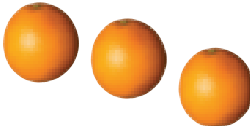
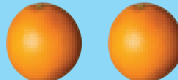
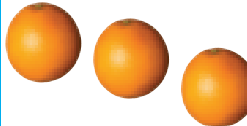
Madanisa iinomboro 1-3

Tshwaya amabhlogo anenani lezinto ezineenomboro ezifanako.

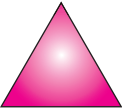


Tshwaya ibhlogo nanyana amabhlogo anezinto ezinengi kunebhlogo elifiphaziweko.

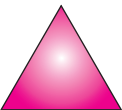
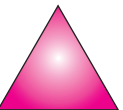


Kopulula bese ugwala elinye ijamo ngesandleni sokudla.

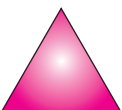
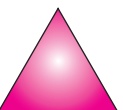
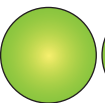
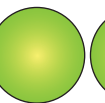
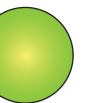


Gwala elinye ijamo elincani ngesandleni sokudla.



Gwala elinye ijamo elincani ngesandleni sokudla.



Gadangisa inomboro engencani khulu kilezi iinomboro ezimbili.

		
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Kune

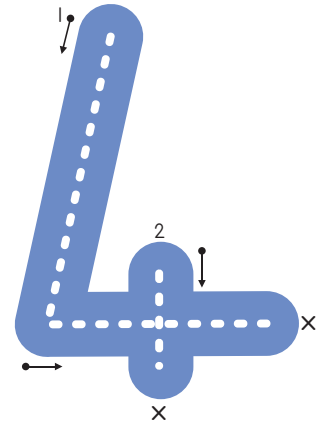
Bala okusesithombeni. Gadangisa igama lenomboro.

abokatsu abane

amakari amane

iinunwana ezine

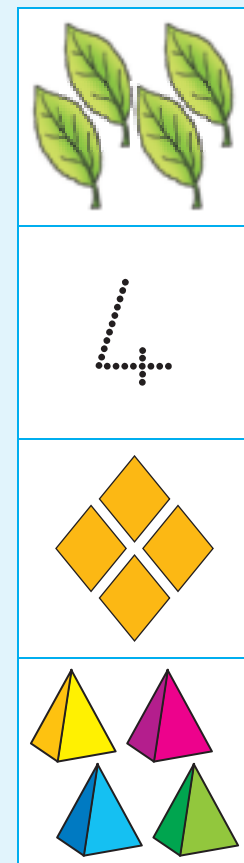
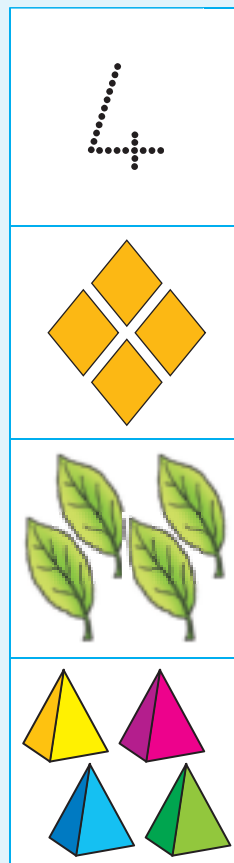
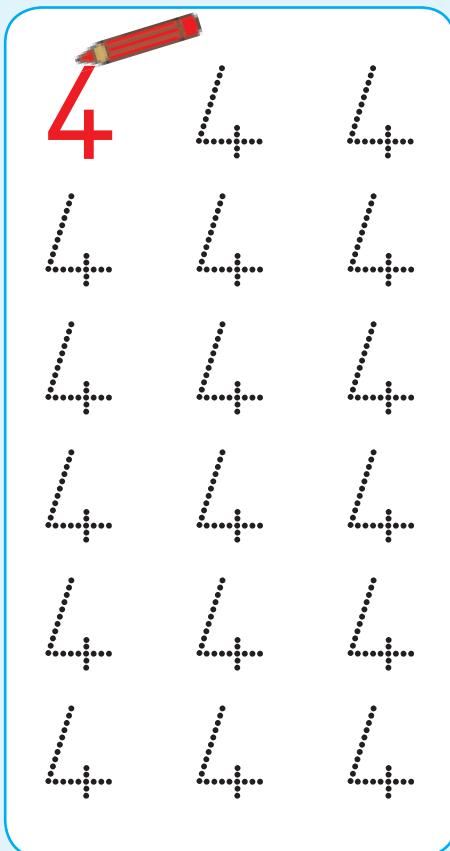
ubutjhontjhwani obune



Landelela ugadangise inomboro.

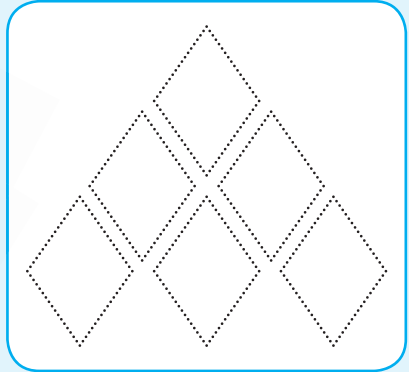
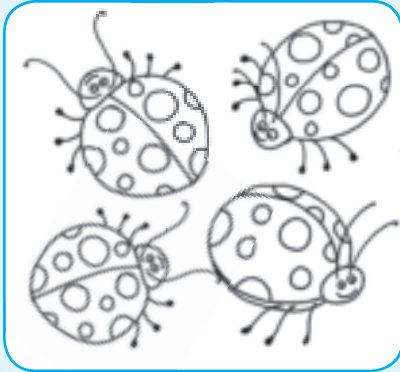


Madanisa iinthombe ezifanako.

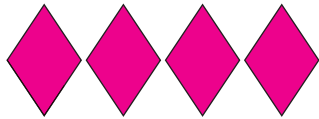
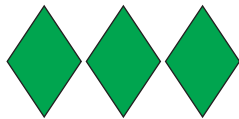
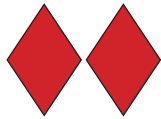




Khalara kube-4 ngebhlogweni ngalinye.



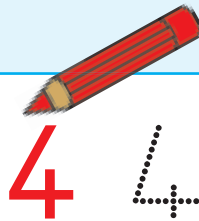
Kopulula bese ugwala amanye amajamo ama-4 bese uyawakhalara.



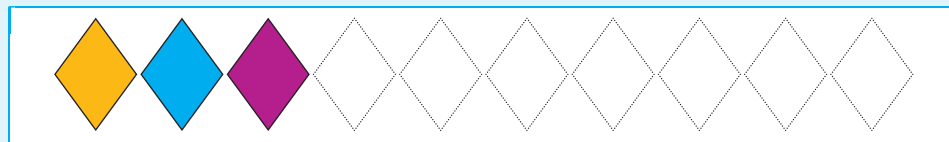
Zijayeze inomboro.



kune



Khalara idayimani nawubalako.



Teacher:
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Date:



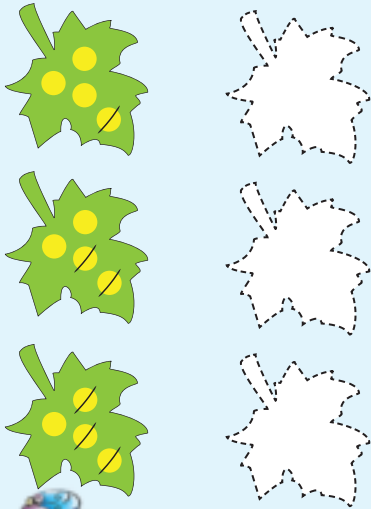
Hlanganisa bewukhuphe bekufike ku-4

Qedelela okulandelako ngokugwala umgwalo.

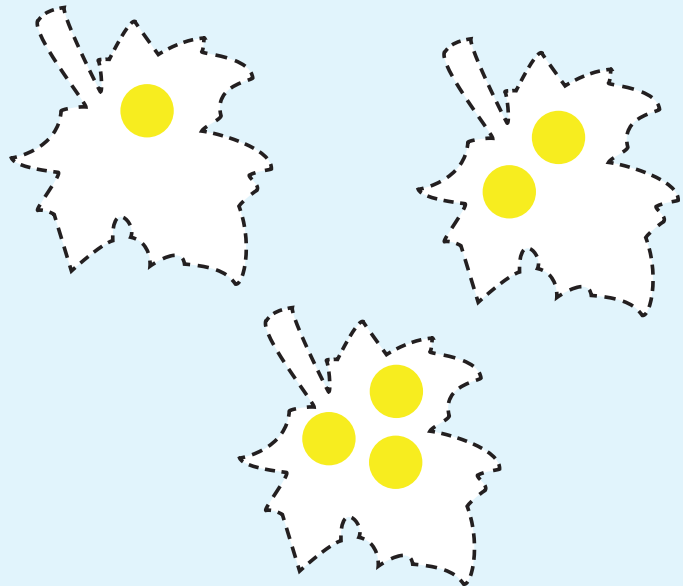
	bese		yenza			bese		yenza	
	bese		yenza			bese		yenza	
	bese		yenza			bese		yenza	



Kusele iimbalisi ezingaki? Zigwale.



Gwala ezinye iimbalisi ezizokwenza iimbalisi ezine.

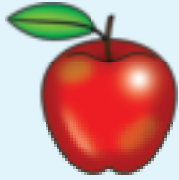


Gwala umutjho weenomboro walokhu:

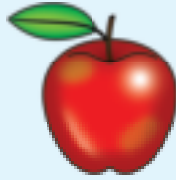
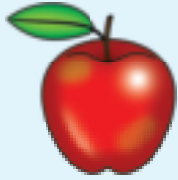
	4	susa		yenza	3
		susa		yenza	
		susa		yenza	



Hlanganisa okulandelako bese uqedelela ngependulo.

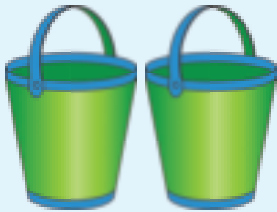


na

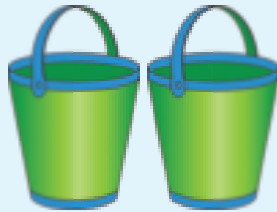


oku-1 noku-2 kwenza

3



na



oku-2 noku-2 kwenza



na



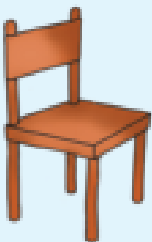
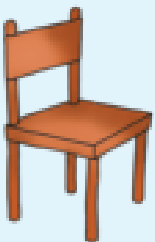
oku-3 noku-1 kwenza



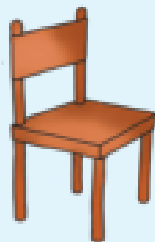
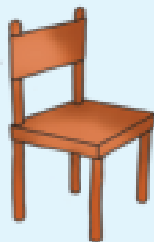
na



oku-1 noku-3 kwenza



na



oku-2 noku-2 kwenza



Teacher:
Sign:

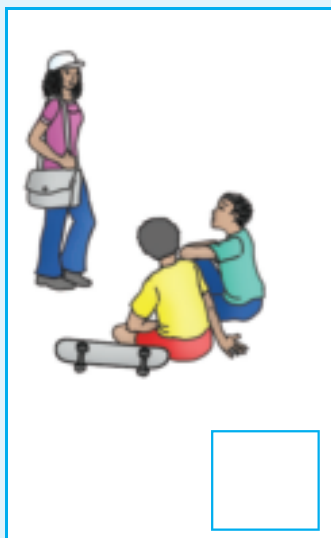
Date:



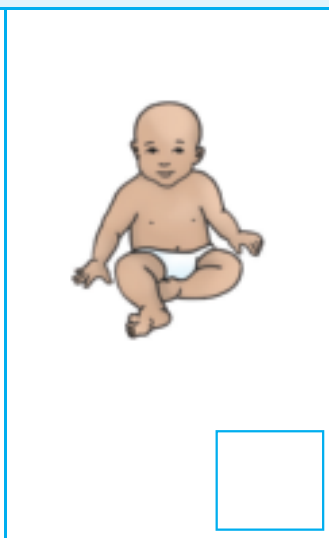
Isikhathi

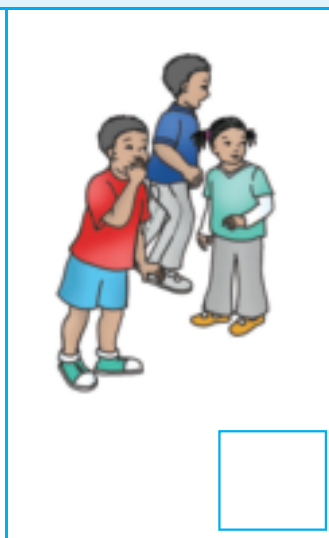


Tlola iinomboro ukusuka ku-1 ukufika ku-4 ngemabhlogweni ukutjengisa ukulamana kweengaba zokukhula komuntu.





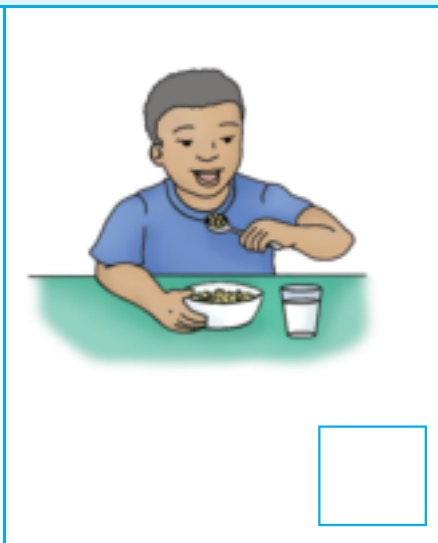


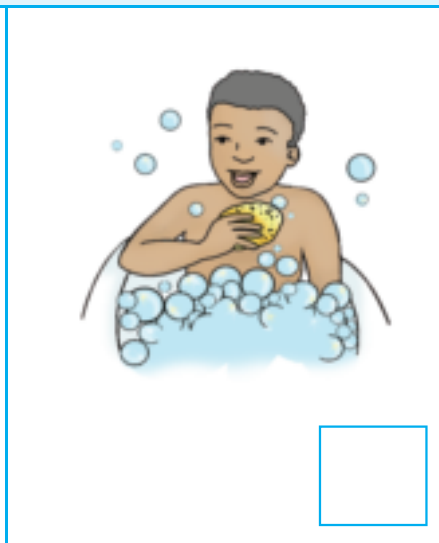




Tshwaya utjho kobana ngikuphi ongakwenza msinya.









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

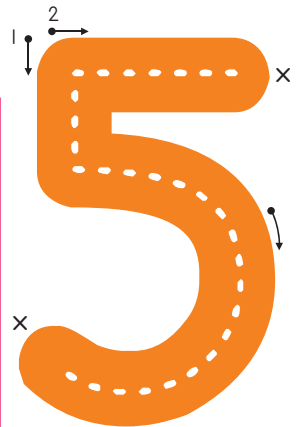
Bala okusesithombeni. Gadangisa ibizo lenomboro.

abonoompopi abahlanu

amaswidi amahlanu

iinkwekwezi ezihlanu

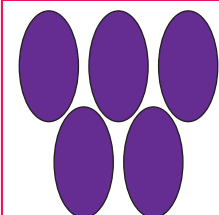
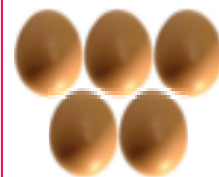
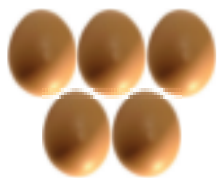
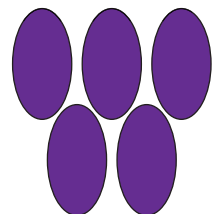
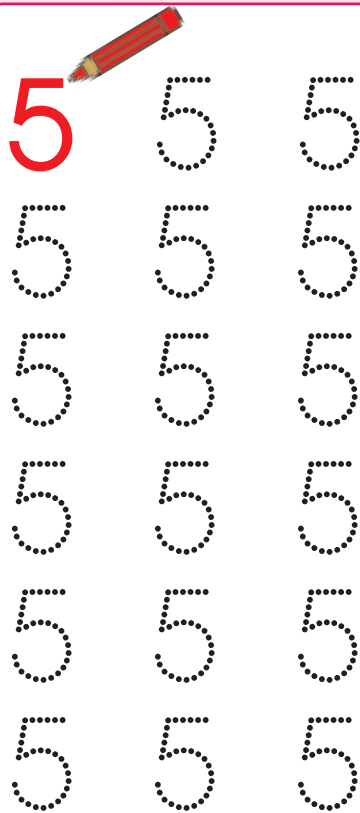
imida emihlanu

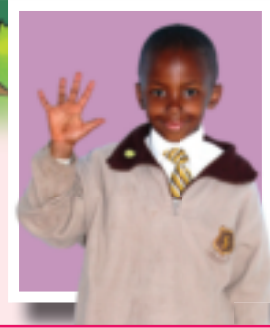


Landelela ugadangise inomboro.

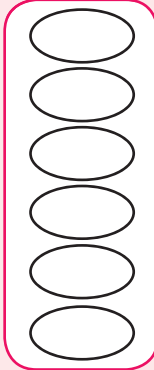


Madanisa iinthombe ezifanako.

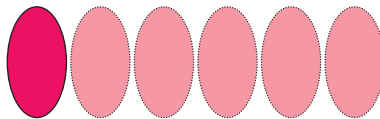
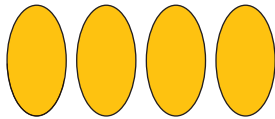
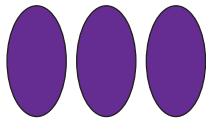
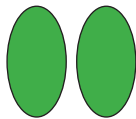




Khalara kube ku-5 ngebhlogweni ngalinye.



Kopulula bese ugwala okhunye oku-5.



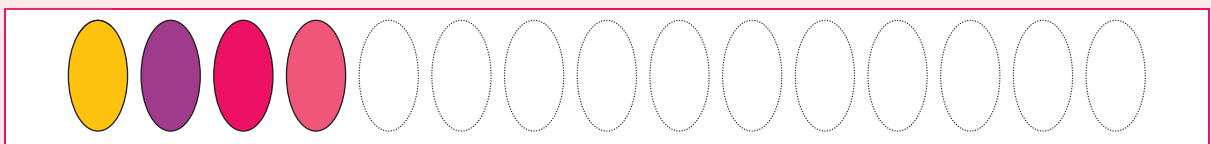
Zijayeze inomboro.

5

kuhlanu



Khalara ama-ovali nawubalako.



Teacher:
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Date:



Buyekeza iinomboro, I kufika ku-5

Zijayeze ukutlola iinomboro lezi.

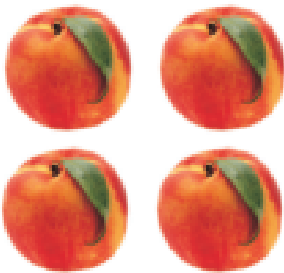
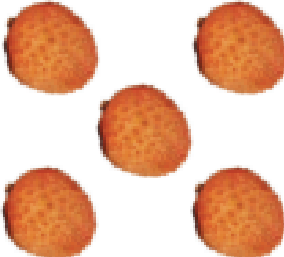


Ndulungela iinomboro ekhomba inani.

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



Tlola ibizo lenomboro

	1	kunye
	2	kubili
	3	kathuthu
	4	kune
	5	kuhlanu



Teacher: _____
Sign: _____
Date: _____

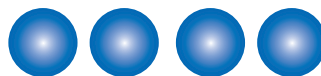




Hlanganisa ufike koku-5

Hlanganisa umncamo olandelako ngokugwala omunye.

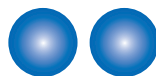
Gwala omunye owodwa.



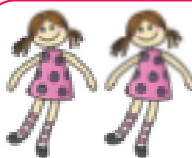
Gwala eminye imincamo emibili.



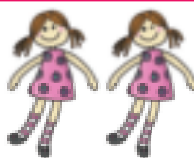
Gwala eminye imincamo emithathu.



Bala bewuhlanganise: okulandelako bese uqedelela ngependulo.



na-



2

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





Grwala abanye aboncantathu. Ngikuphi okuyelelako?

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



Grwala ipendulo yakho bese utlola isibalo salokhu:

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



Teacher:
Sign:
Date:





Khupha ku-5 bewuhlanganise kufike ku-5

Gwala okungaphasi.

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



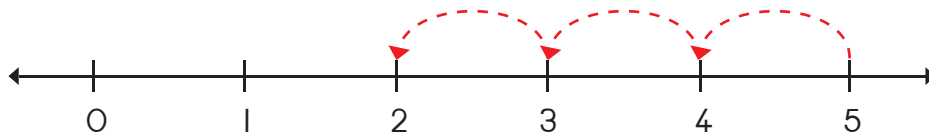
Tlola isibalo salokhu:

	5	susa	1	kwenza	4
		susa		kwenza	
		susa		kwenza	



Khupha ngokubala ubuyeke emuva.

oku-5 nawususa oku-3



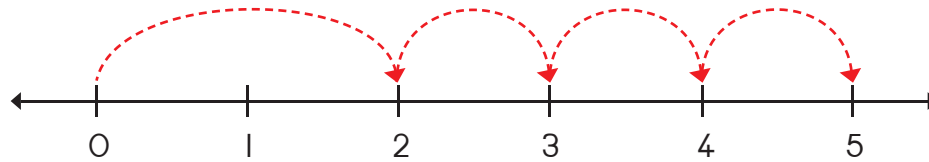
oku-5 nawususa oku-2





Hlanganisa ngokubala uye phambili.

oku-2 hlanganisa noku-3

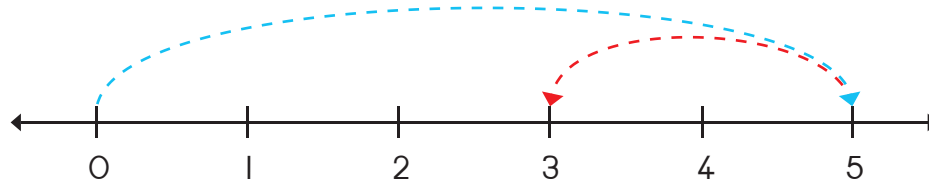


oku-1 hlanganisa noku-4



Tjengisa isibalo enambalayinini.

oku-5 susa oku-2



oku-5 susa oku-4



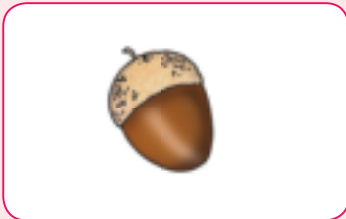
Teacher:
Sign:
Date:



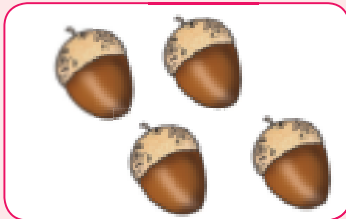


Hlanganisa bese uyakhupha bewufike ku-5

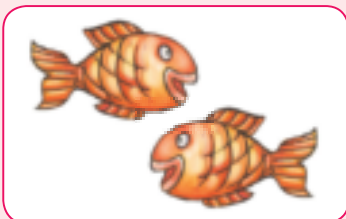
Qedelela okulandelako:



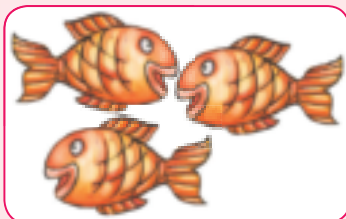
na-



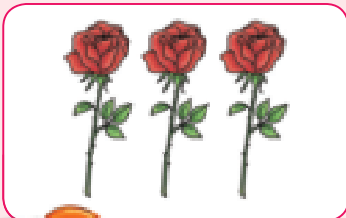
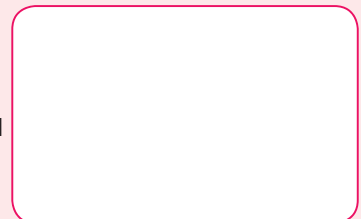
nginikela



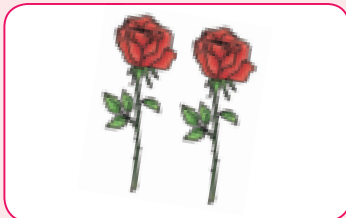
na-



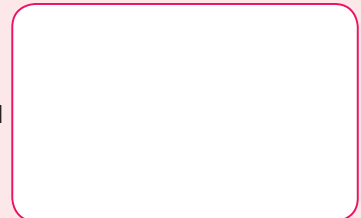
nginikela



na-



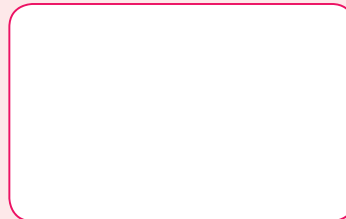
nginikela



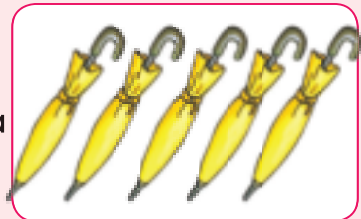
Qedelela okulandelako:



na-



nginikela



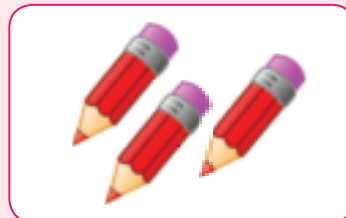
na-



nginikela



na-

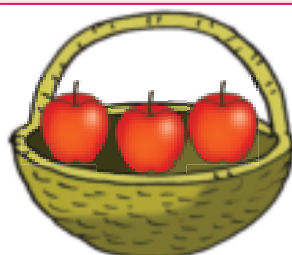
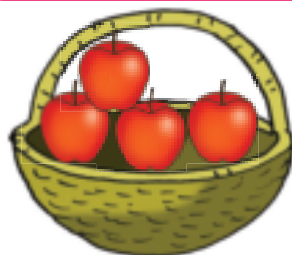
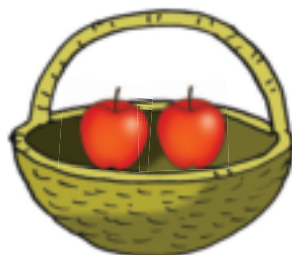


nginikela

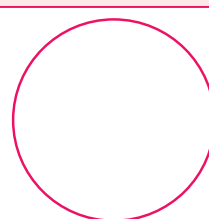
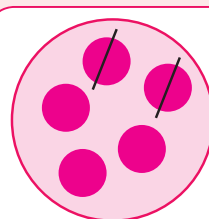
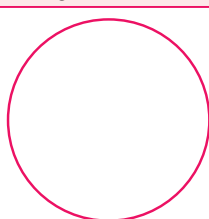
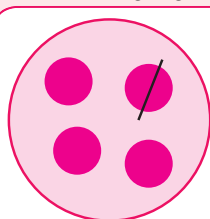




Gwala amanye ama-apula ama-5.



Mncamo ongangani oseleko? Ugwale.



Imiraro yamagama. Utitjhere wakho/umbelethi uzokufundela okulandelako. Uzokumele ugwale bewurarulule umraro.

ULisa bekanamapiyere amabili. UMusa unepiyere elilodwa. Kwanje sele anamapiyere amangaki?

ULisa bekanamapiyere amane. UMusa uphe uSilo amapiyere amabili. Kwanje sele anamapiyere amangaki?



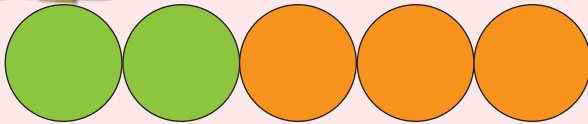
Teacher:
Sign:
Date:



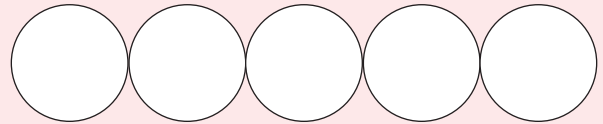
Ukuhlunganisa nokukhupha kusuka ku-1 ufike ku-5



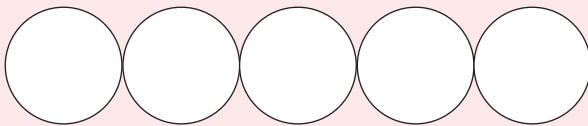
Khalara umncamo ukutjengisa:



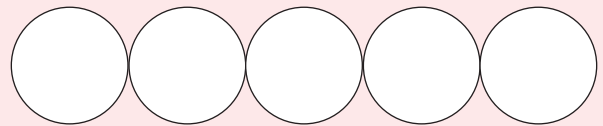
oku-2 noku-3 kwenza oku-5



oku-1 noku-4 kwenza oku-5



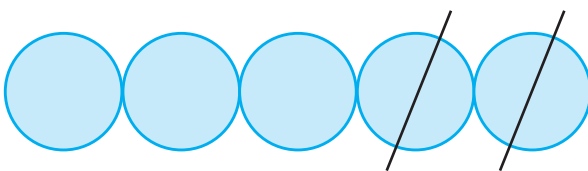
oku-3 noku-2 kwenza oku-5



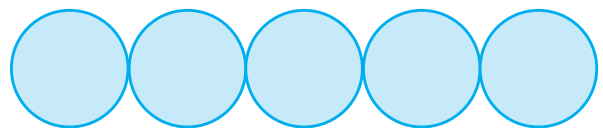
oku-4 noku-1 kwenza oku-5



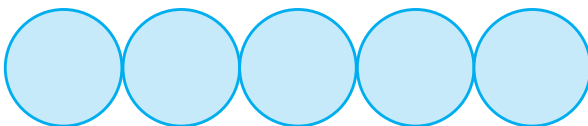
Thala umuda emncameni ukutjengisa:



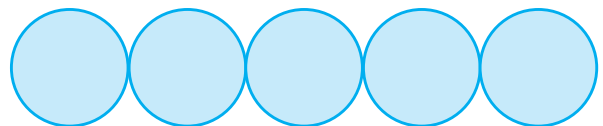
nawususa oku-2 koku-5 ipendulo ngoku-3



nawususa oku-1 koku-5 ipendulo ngoku-4



nawususa oku-3 koku-5 ipendulo ngoku-2

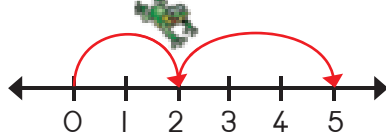


nawususa oku-4 koku-5 ipendulo ngoku-1

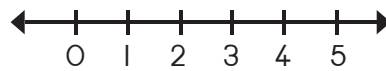
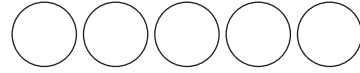


Khalara umncamo. Siza isirhwarhwa ukusitjengisa inambalayini.

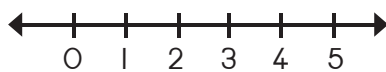
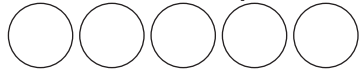
oku-2 noku-3, ipendulo



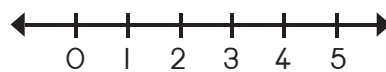
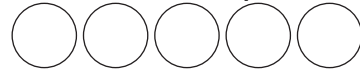
oku-3 noku-2, ipendulo



oku-1 noku-4, ipendulo

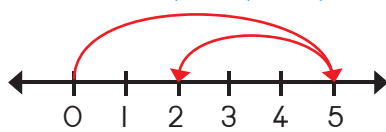


oku-4 noku-1, ipendulo

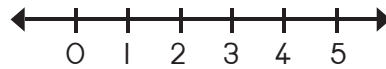
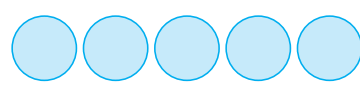


Thala umuda emcameni owususileko bese utjengisa ngenambalayini.

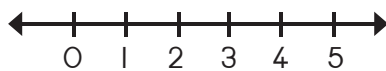
oku-5 susa oku-3



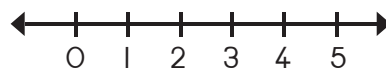
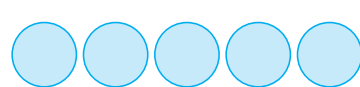
oku-5 susa oku-2



oku-5 susa oku-1



oku-5 susa oku-4



Teacher:

Sign:

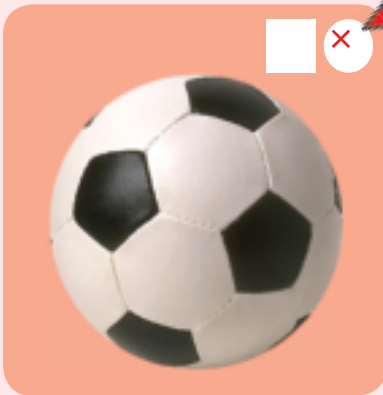
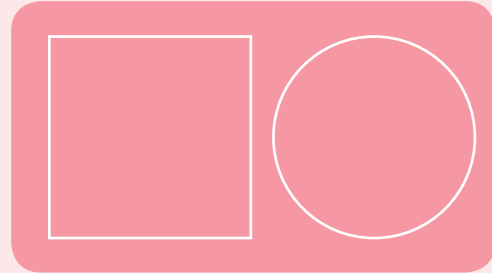
Date:





Iimbholo namabhoksi

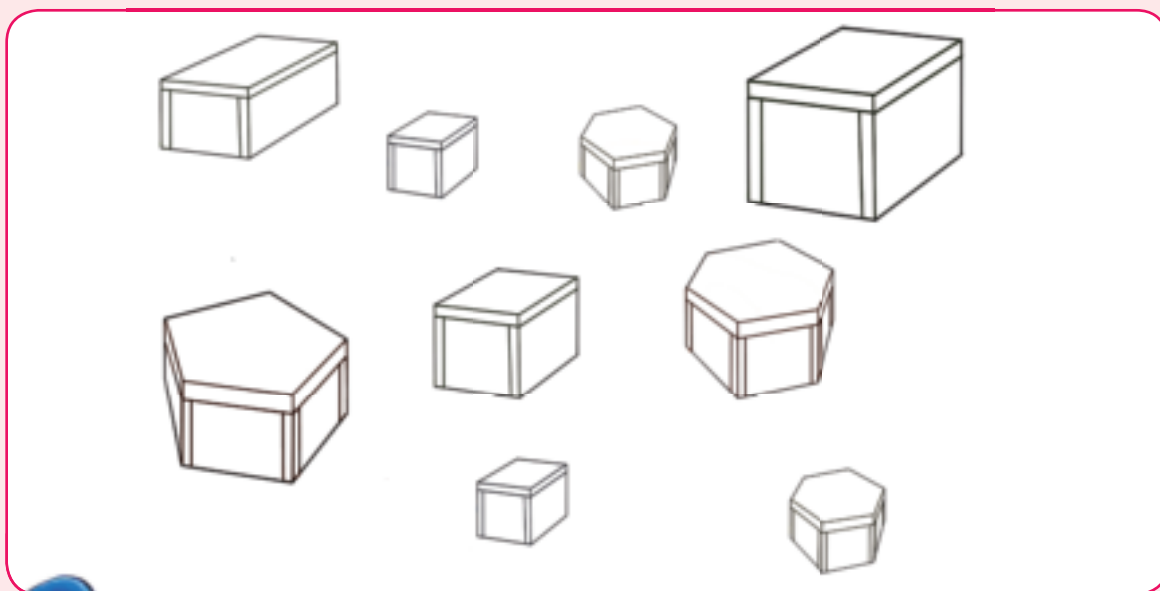
Ngijiphi kilezi efana namabhoksi?
 Ngijiphi kilezi efana neembholo?
 Ngijiphi engagedeka namtjhana itjhelele?





Khalara koke:

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



Gadangisa amagama.

ibhoksi

ibholo



Teacher:
Sign:
Date:



24a

Ithemu I



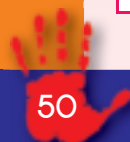
Ngesinceleni nangesidleni

Isandla sangesinceleni

Isandla sangesidleni

	ngesinceleni	ngesidleni
Umuthi unge	☐	☐
Imodere inge	☐	☐
Indlu inge	☐	☐
Inyoni inge	☐	☐
Isidleke singe	☐	☐

	ngesinceleni	ngesidleni
Inja inge	☐	☐
Imvu inge	☐	☐
Indlu inge	☐	☐
Isikolo singe	☐	☐
Ithuthumbo linge	☐	☐



50





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

Ngesidleni

Ngesinceleni



Ndulungela isandla sakhe sangesinqeleni.
Ndulungela inyawo lakhe sangesinqeleni.
Jama njengomntazana ukhombise isandla sakho sangesinqeleni.

Ngesidleni

Ngesinceleni



Zijayeze ukutlola iinomboro lezi.

Three orange dots above a dotted number 3 for tracing practice.

Five blue dots for tracing practice.

Two red dots for tracing practice.

Four green dots for tracing practice.



Teacher:
Sign:
Date:





Ukulayela

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



ngesinceleni	ngesidleni
✓	



ngesinceleni	ngesidleni



ngesinceleni	ngesidleni



ngesinceleni	ngesidleni



ngesinceleni	ngesidleni





Khalara igama elinembako elizokumadana nomkhonto.

↑	ngaphezulu	ngesinceleni	ngenzasi	ngesidleni
↓	ngaphezulu	ngesinceleni	ngenzasi	ngesidleni
→	ngaphezulu	ngesinceleni	ngenzasi	ngesidleni
←	ngaphezulu	ngesinceleni	ngenzasi	ngesidleni



Ndulungela umkhonto onembako ozokumadana newokuthoma emudeni.

↑	→	←	↓	↑
↓	↑	↓	→	←
→	←	↓	→	↑
←	↑	←	↓	↑



Teacher:
Sign:
Date:



Ukwakha nokuphula iinomboro

Qedelela ngeenomboro ezinembako ebhlogweni ngalinye.



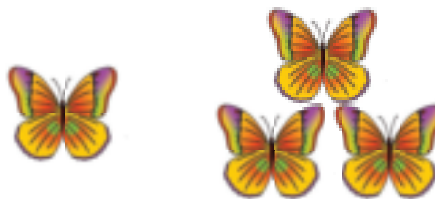
u- no- kwenza



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 ☐



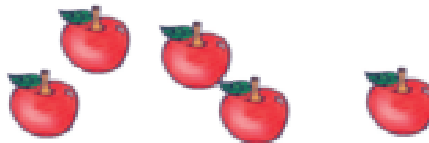
☐ no- ☐ no- ☐ kwenza ☐



☐ no- ☐ no- ☐ kwenza ☐



☐ no- ☐ no- ☐ kwenza ☐



☐ no- ☐ no- ☐ kwenza ☐



Teacher:
Sign:

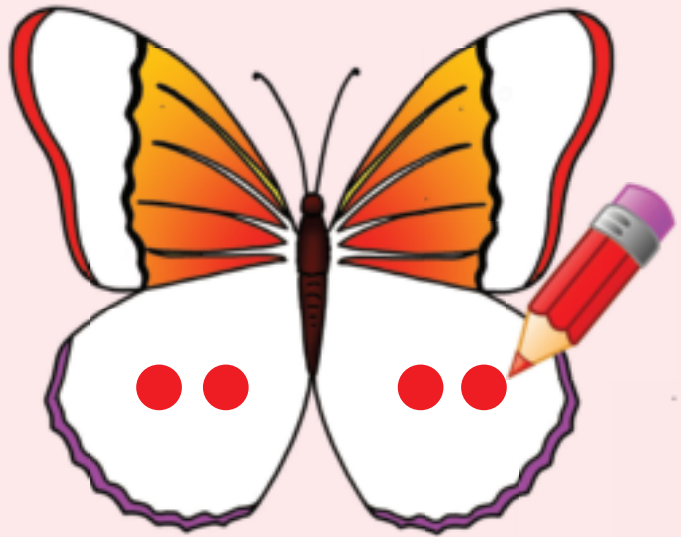
Date:



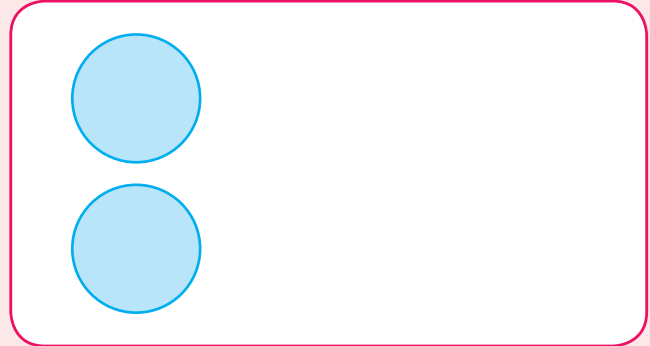
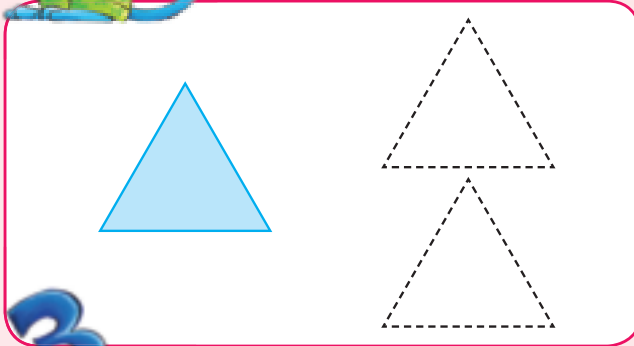


Ukuhlanganisa nokubuyelela kabili

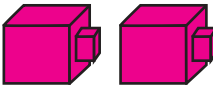
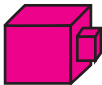
Buyelela kabili amacaphaza emaphikweni.



Buyelela kabili amajamo.



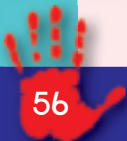
Gwala bese uqedelela ngeenomboro.

Ukubuyelela kabili  kwenza 

Ukubuyelela kabili kwenza

Ukubuyelele  kwenza

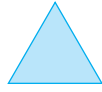
Ukubuyelela kabili kwenza



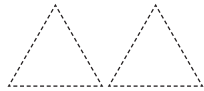


Gwala bewuqedelele ngeenomboro.

Buyelela kabili



kwenza



Buyelela kabili

1

kwenza

2

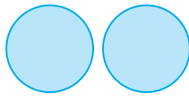
1

ukuhlanganisa

1

kwenza

Buyelela kabili



kwenza



Buyelela kabili

kwenza

4

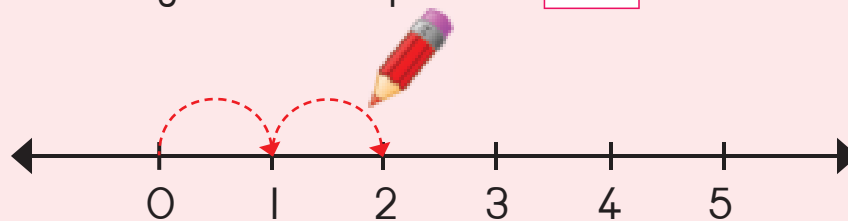
ukuhlanganisa

kwenza

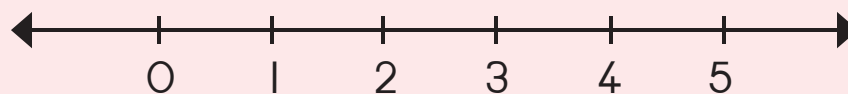


Tjengisa okulandelako kumanambalayini.

Oku-1 nakubuyelelwe kabili, ipendulo



Oku-2 nakubuyelelwe kabili, ipendulo



Teacher:
Sign:

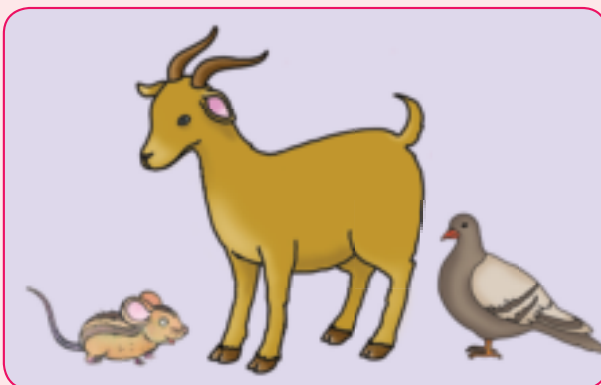
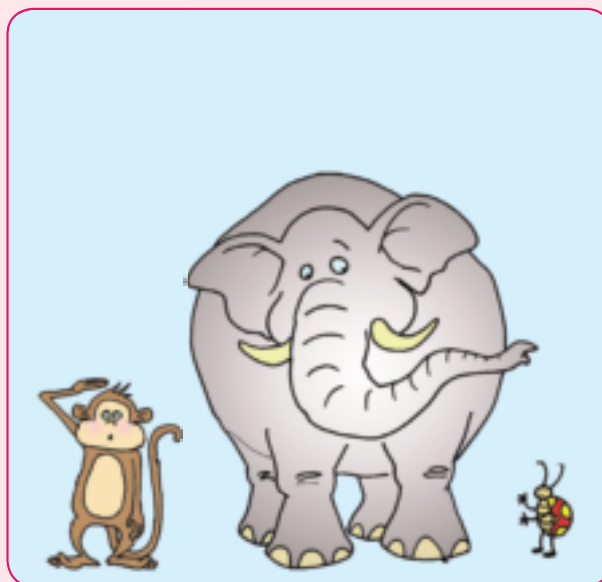
Date:





Ubukhulu nobuncani

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

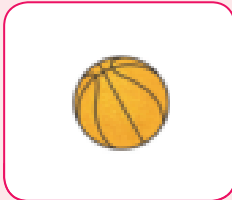


ekulu encani

ekudlwana encanyana



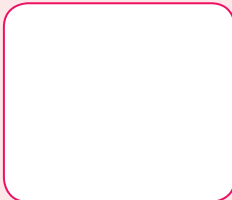
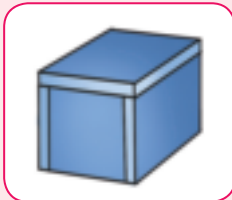
Gwala ibholo ekulu.



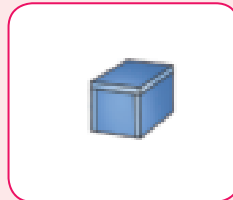
Gwala ibholo encani khulu.



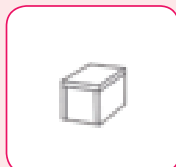
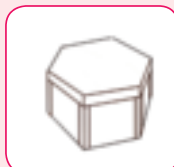
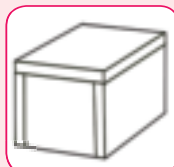
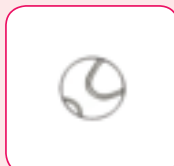
Gwala ibhoksi elincani khulu.



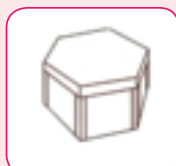
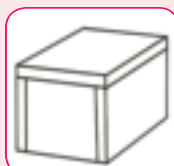
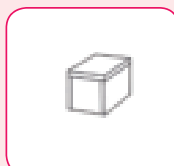
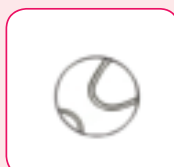
Gwala ibhoksi elikhulu.



Khalara ibhoksi elincani nebholo encani.



Khalara ibhoksi elikhulu nebholo ekulu.



Teacher:
Sign:
Date:



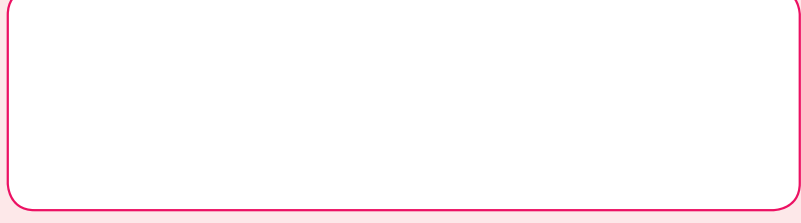
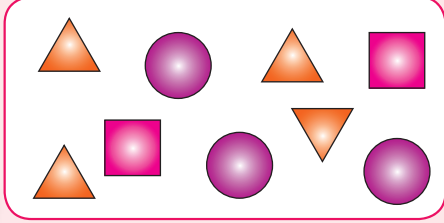
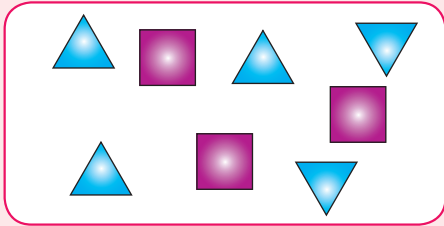
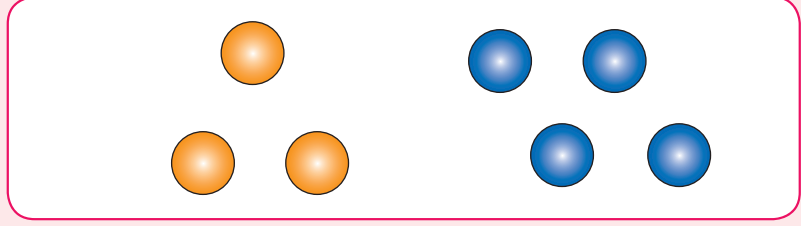
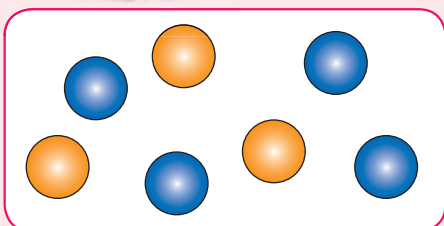


Hlela izinto

Madanisa izinto ezihleliweko nesithombe.

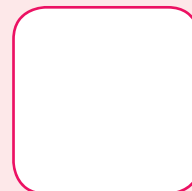
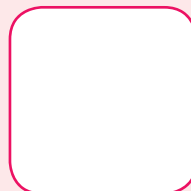
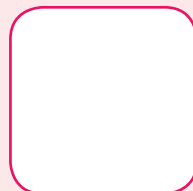
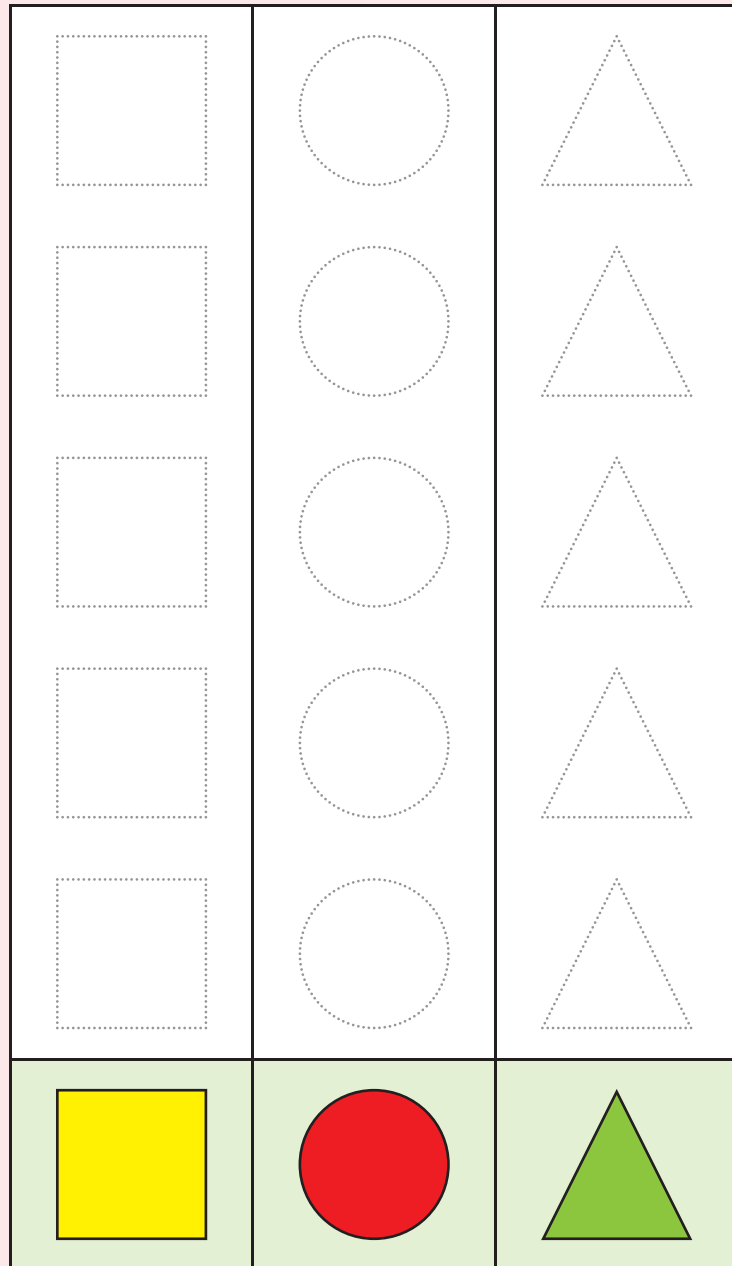
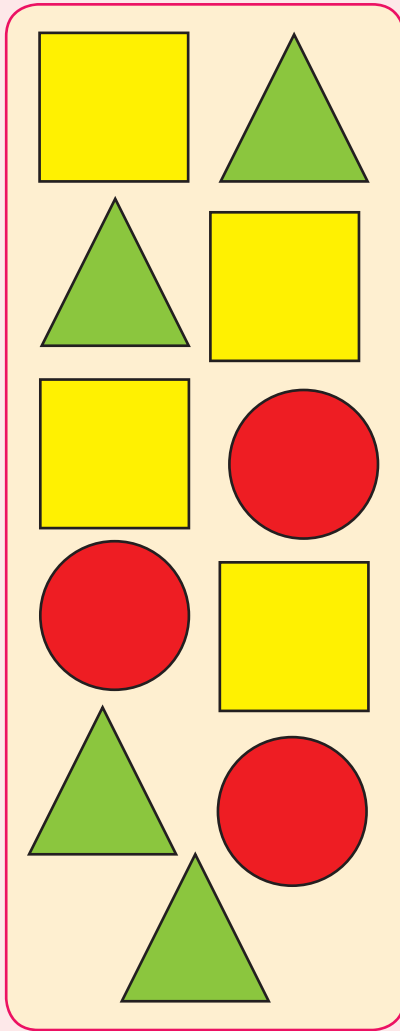


Hlela ngokwenza umgwalo walokhu okulandelako.





Buyelela ugware amabumbeko ngaphakathi kwesithombe segrafu bese utlola inani ngenzasi.



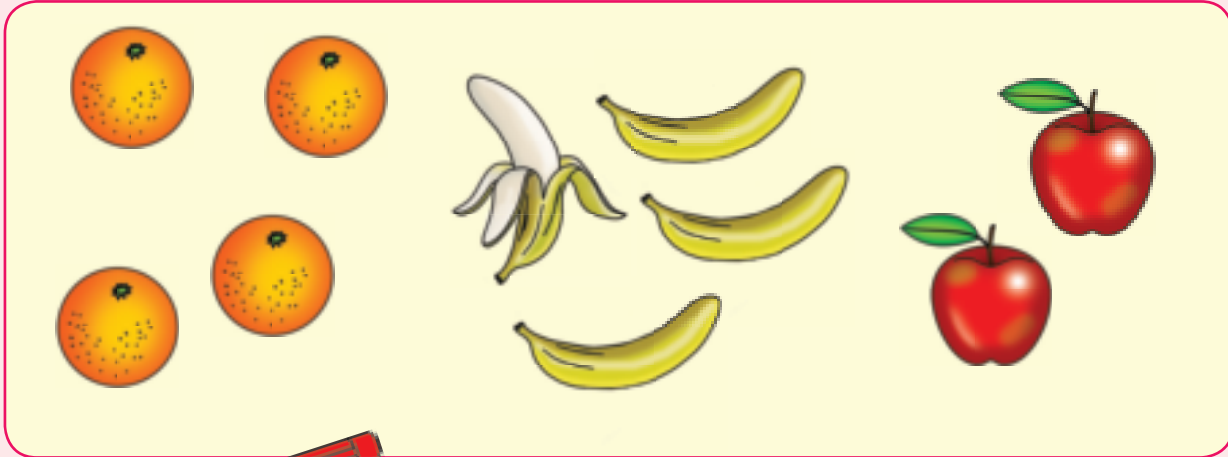
Teacher:
Sign:
Date:





Asabelane ngokulingana

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



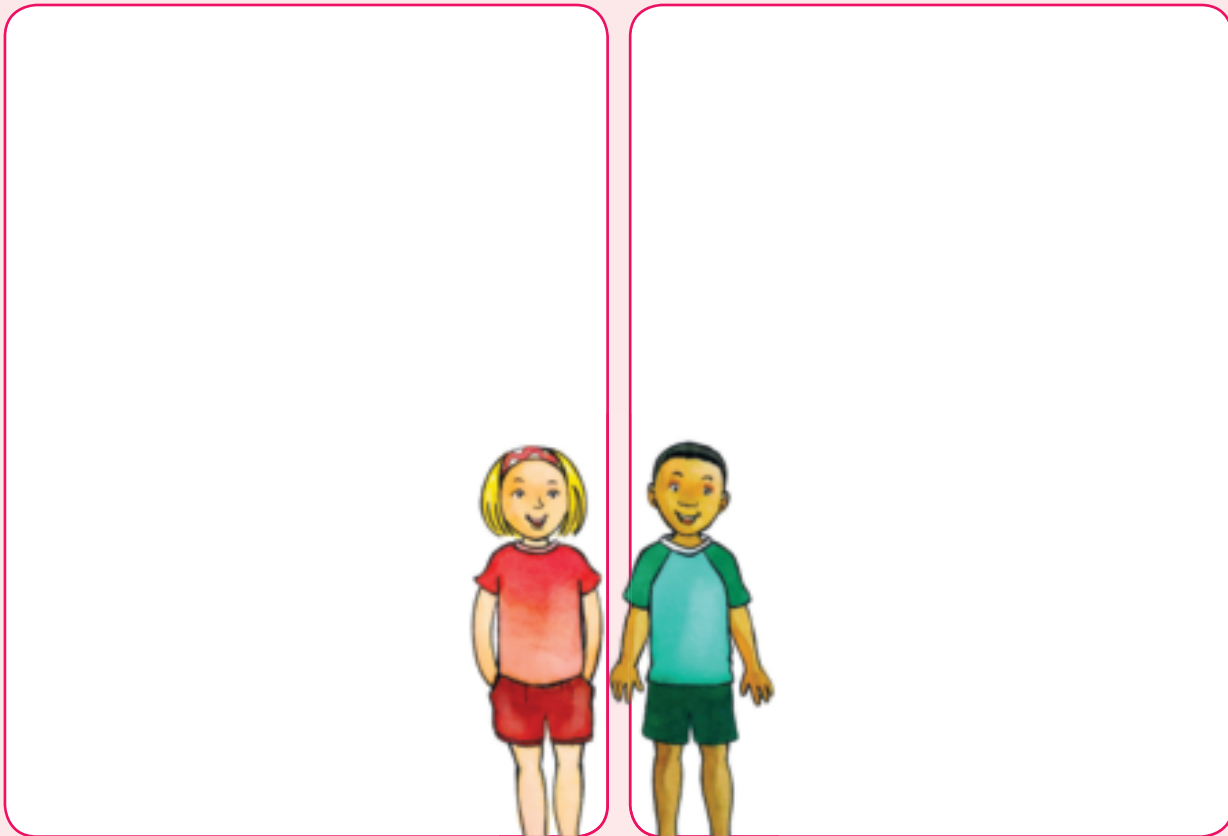
4

amalamune

amabhanana

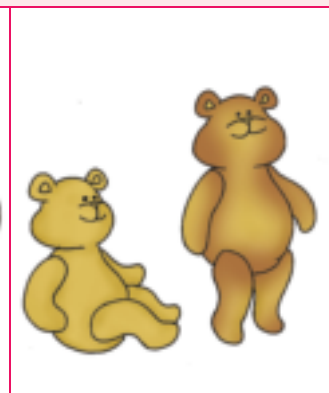
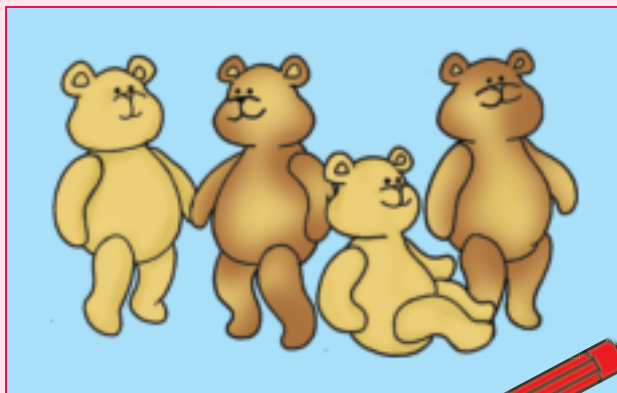
ama-apula

Yabelana bewugwale amalamune namabhanana ngokulingana ebantwaneni ababili.

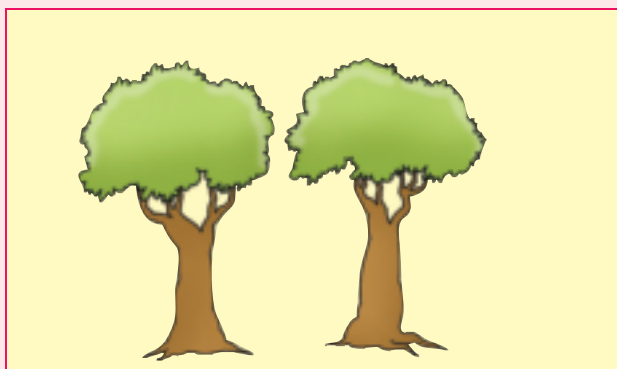




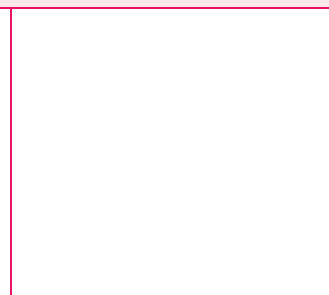
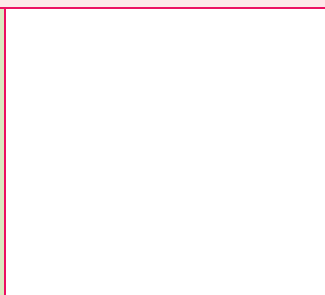
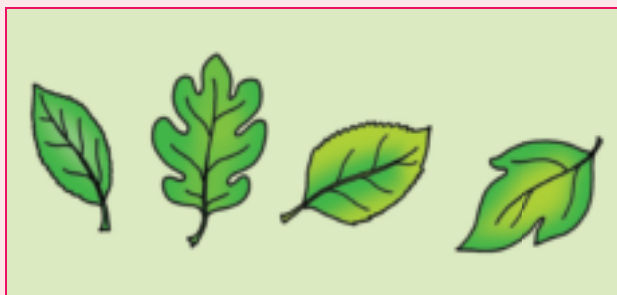
Yaba okungaphakathi kwebhoksi kubeziincenye ezimbili.
Gwala iincenye ezimbili ebhoksini elingesidleni.



$$4 = 2 + 2$$



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



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



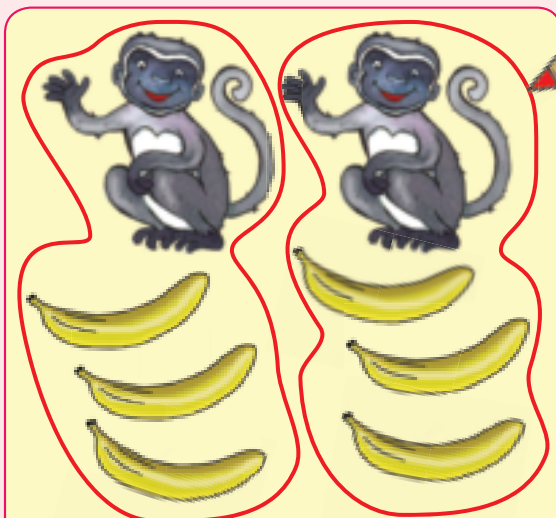
Teacher:
Sign:
Date:





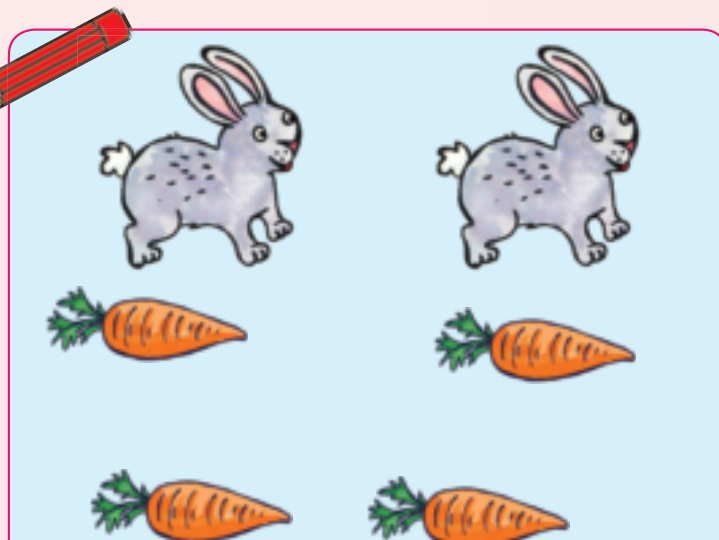
Ukwabelana ngokulingana

Ndulungela iintshelo wabele iinyamazana ngokulingana.

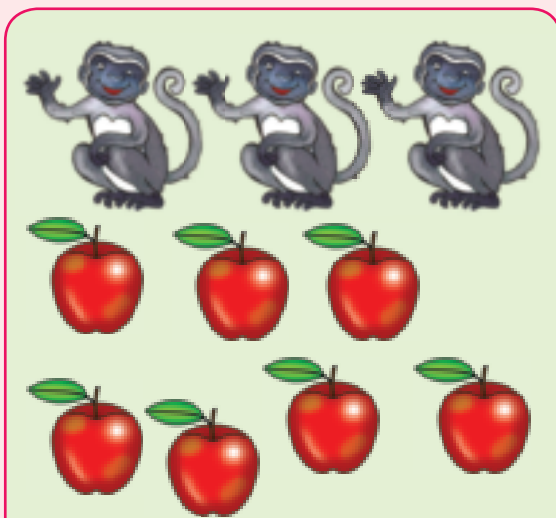


Ikghabu ngayinye ifunyanane amabhanana amangaki?

3

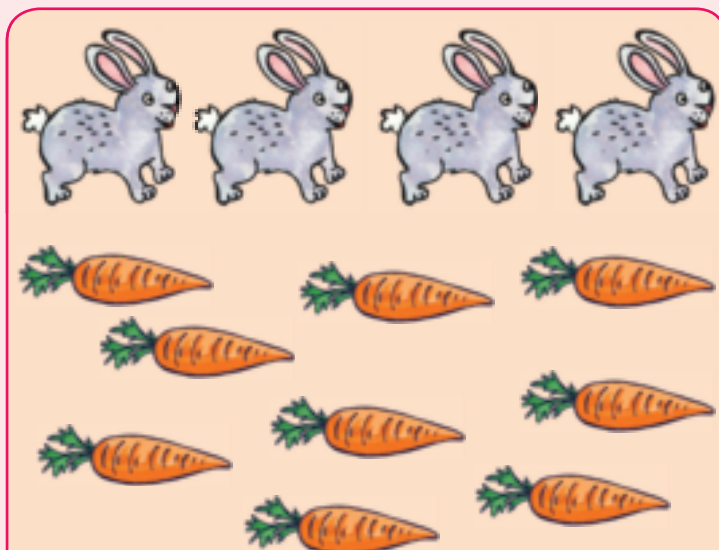


Umqasa ngamunye ufunyanane amakheroti amangaki?



Ikghabu ngayinye ifunyanane ama-apula amangaki?

Abekhona ama-apula aseleko ngemva kokuwaba ngokulinganako.

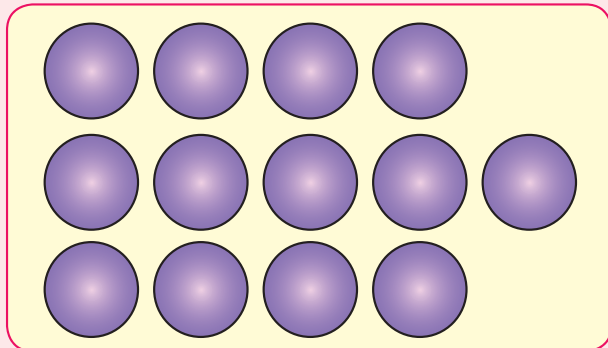
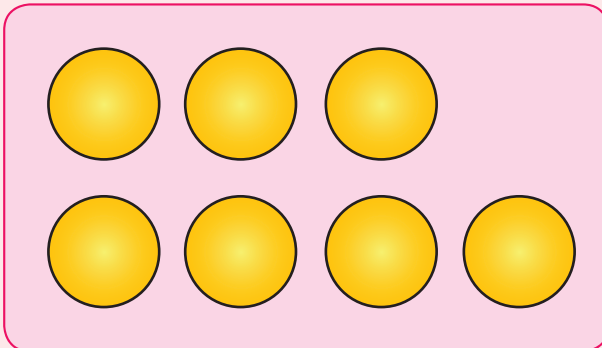
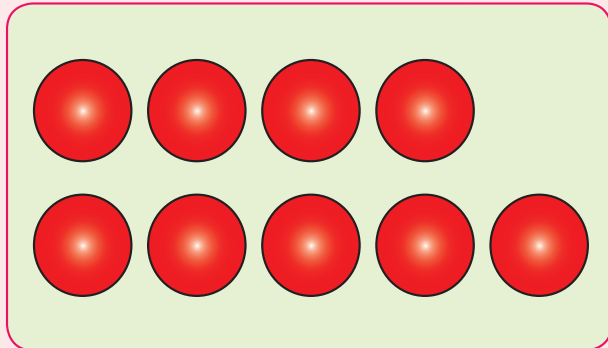
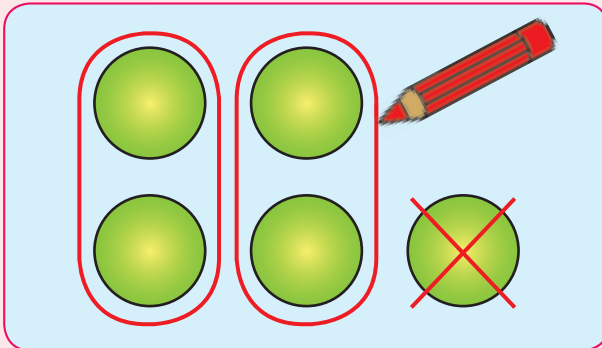


Umqasa ngamunye ufunyanane amakheroti amangaki?

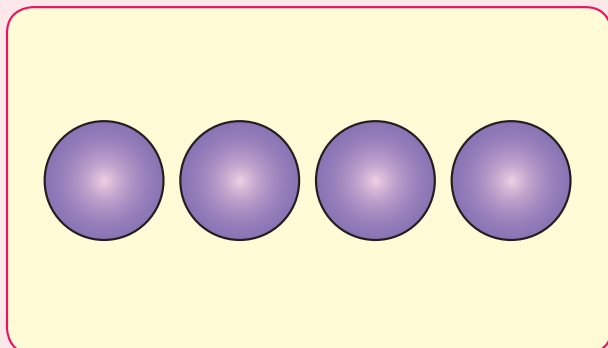
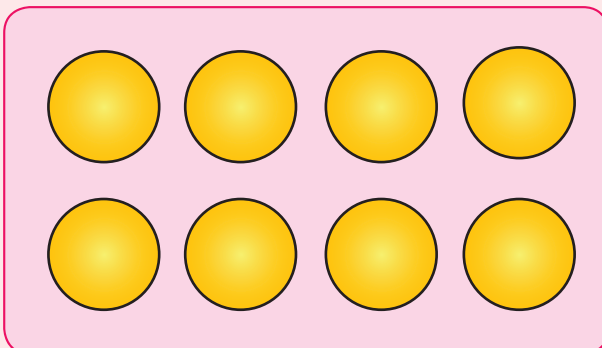
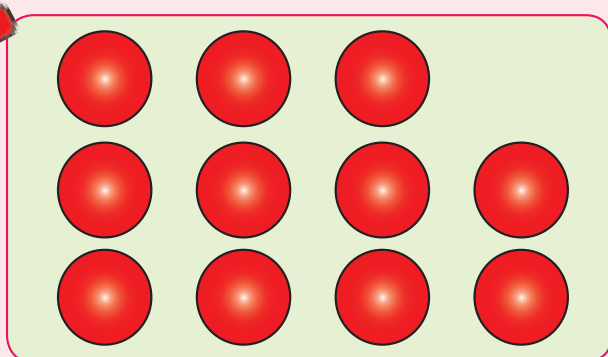
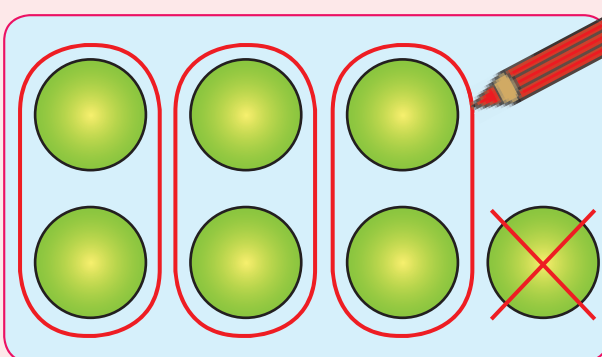
Abekhona amakheroti aseleko ngemva kokuwaba ngokulinganako.



Buthelela iimbalisi ngencenye ezimbili ezilinganako bese ubeka isiphambano phezulu kwesalela.



Buthelela iimbalisi ngencenye ezintathu ezilinganako bese ubeka isiphambano phezulu kwesalela.



Teacher:
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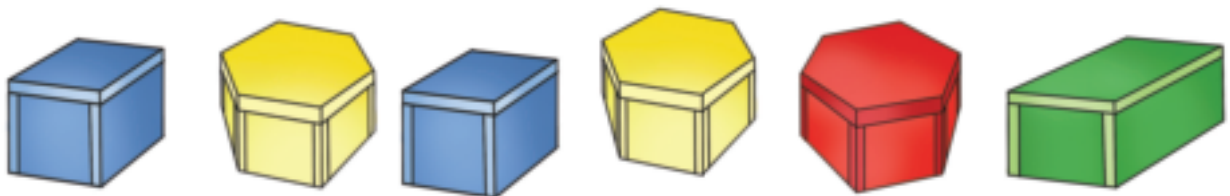
Ukwakha izinto

Ungawakha umbhotjhongo ngezinto zoke ezilandelako?
Tshwaya Iye nanyana Awa.



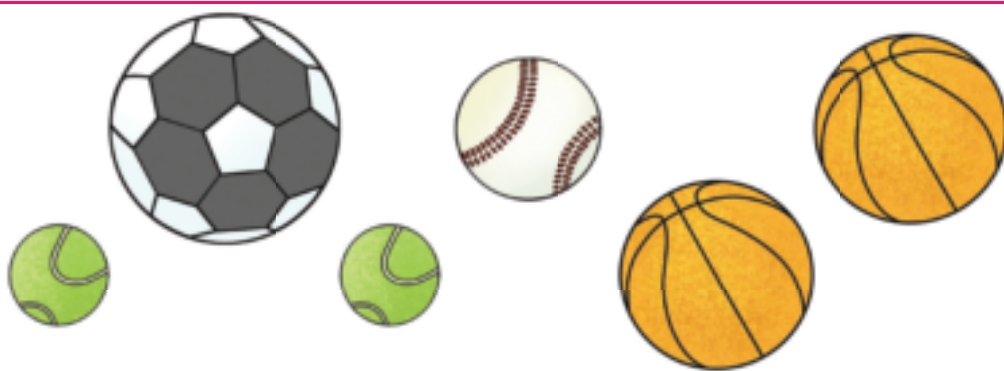
Iye

Awa



Iye

Awa



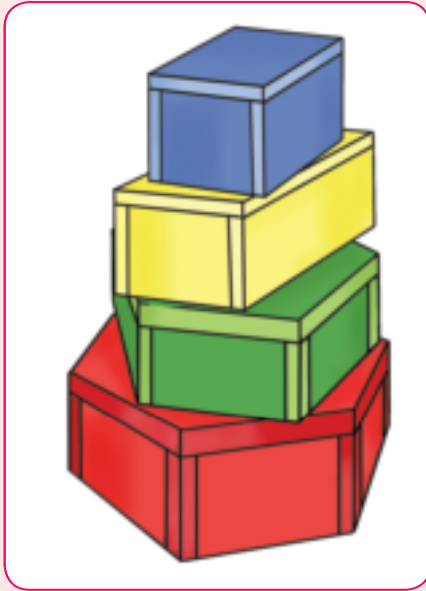
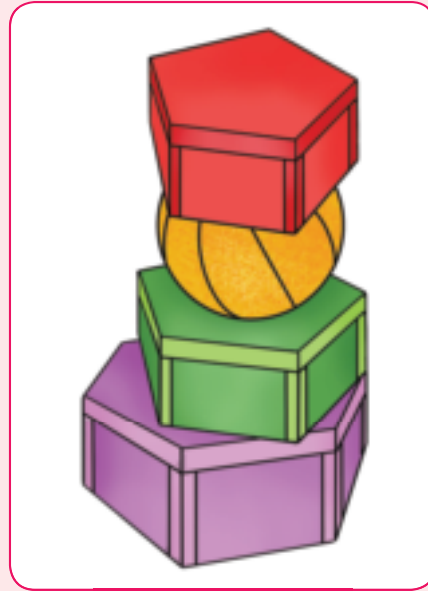
Iye

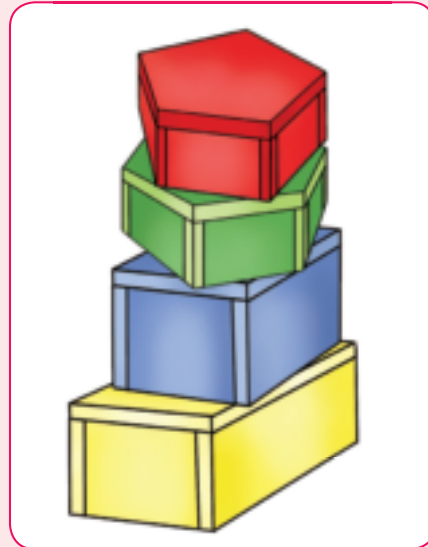
Awa





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


☐

☐

☐

☐


Sebenzisa amagabha womlilo alitjumi bese uwanamathisela ndawonye ukwenza umakhiwo wakho.
Ingabe ukunamathisela kwenza ukuphattha amabhoksi kube lula?



Teacher:
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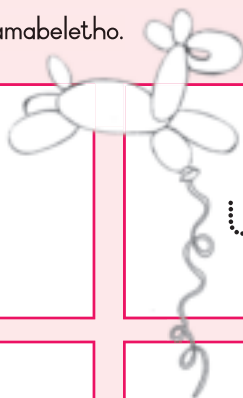


Ukutjho isikhathi

Gadangisa iinyanga zomnyaka.
Khalara ibhaloni enelanga lakho lamabeletho.



uJanabari



uFebherbari



uMatjhi



u-Apreli

uMeyi



uJuni



uJulayi



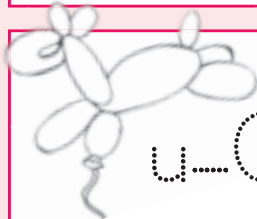
u-Arhostesi



uSeptemba



u-Oktoba



uNovemba



uDisemba





Gadangisa amalanga weveke.
Khalara ngebhlogweni utjho kobana kungelesingaki namhlanje.

uMvulo

uLesibili

uLesithathu

uLesine

uLesihlanu

uMgqibelo

uSondo



Teacher:
Sign:

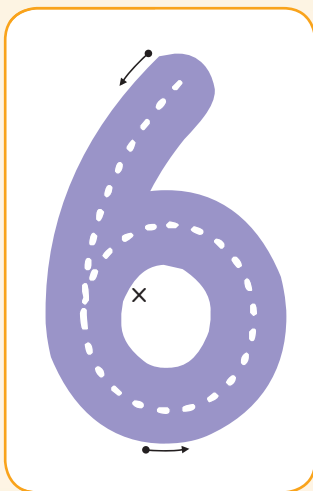
Date:



Sithandathu



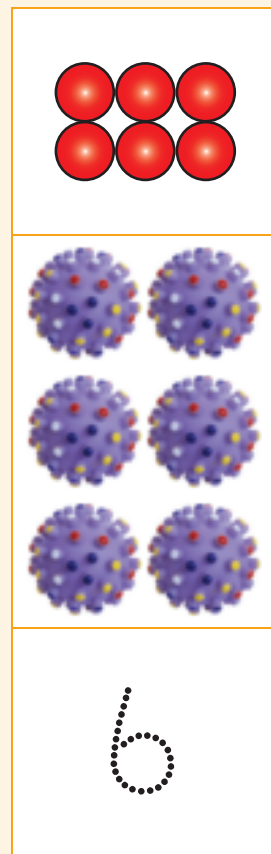
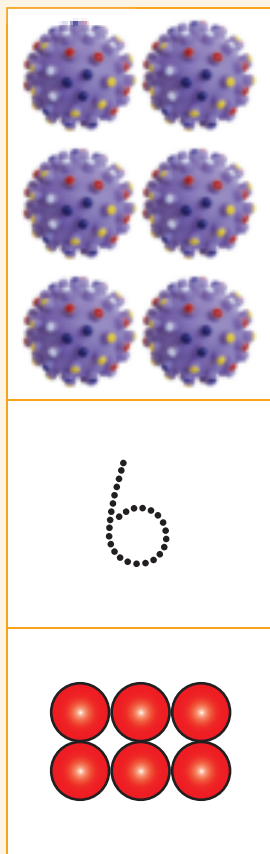
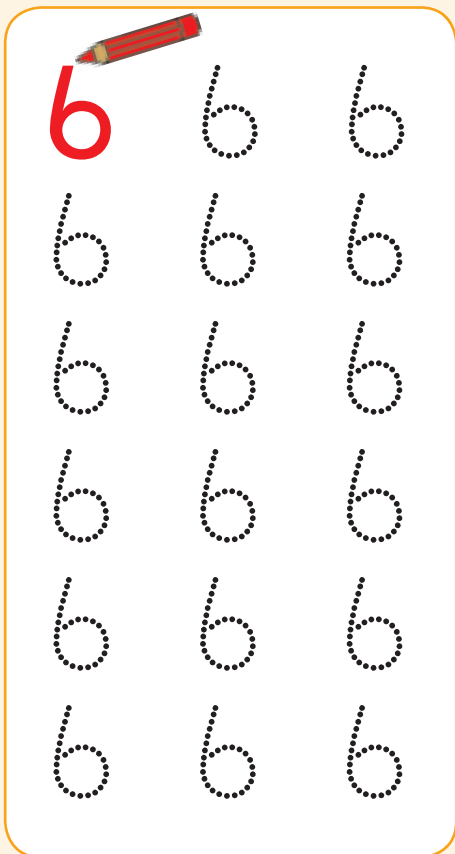
Gwala iindulungu ezisi-6 ngaphakathi kwebhlogo.



Gadangisa inomboro.

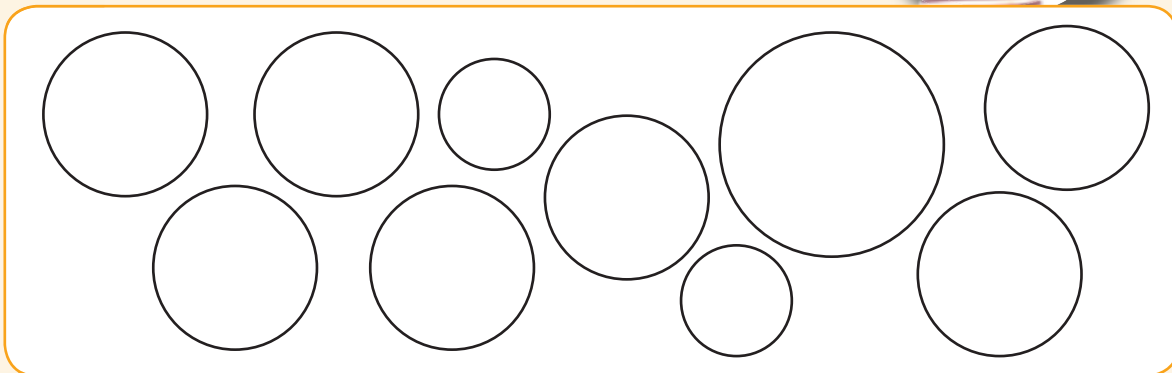


Madanisa iinthombe.

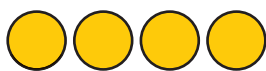




Faka iindulungu ezisi-6 umbala.



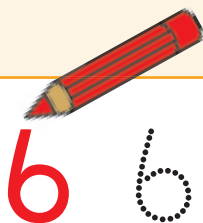
Kopulula bewugwale okhunye okusi-6.



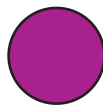
Zijayeze inomboro.



isithandathu



Faka umbala iindulungu lokha nawubalako.



Teacher:
Sign:

Date:





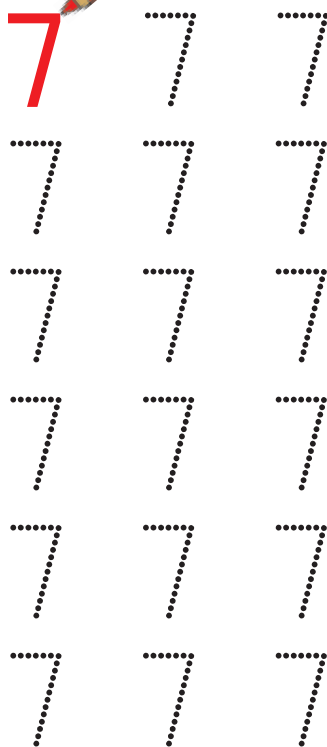
Ikhomba



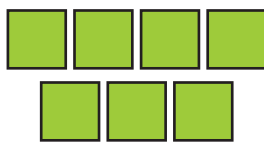
Gwala iindulungu ezili-7.



Gadangisa inomboro.



Madanisa iinthombe.



ikhomba

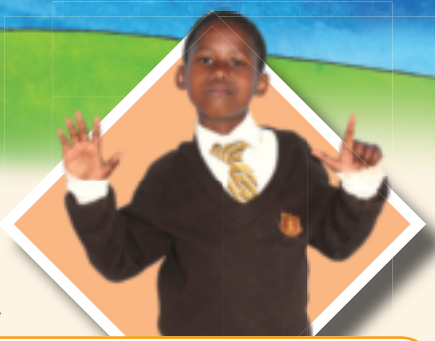
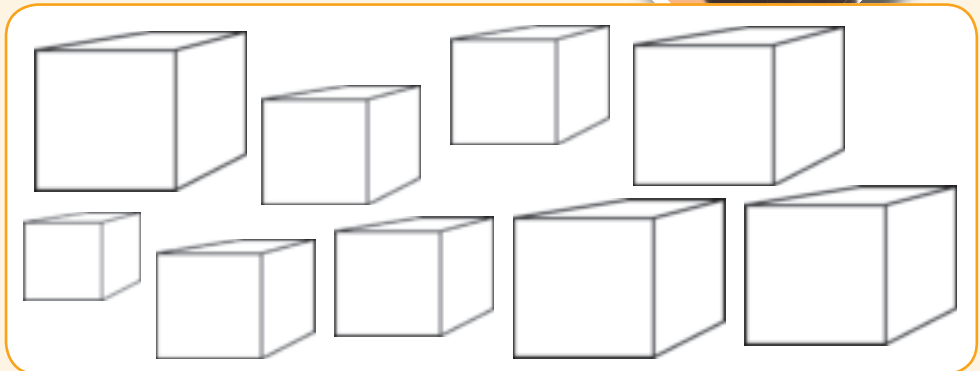


ikhomba





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



Kopulula bewugwale okhanye okuli-7.



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Zijayeze inomboro.



ikhomba



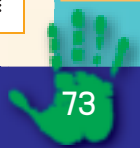
Faka iinkwere umbala nawulokhu ubala.



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Date: _____

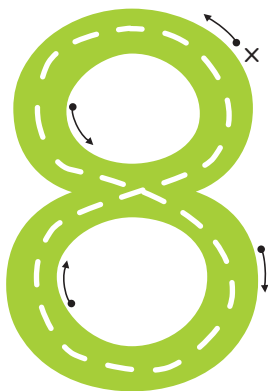




Bunane



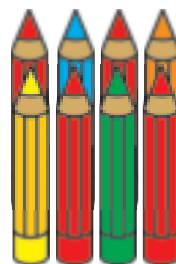
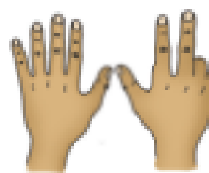
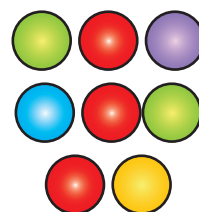
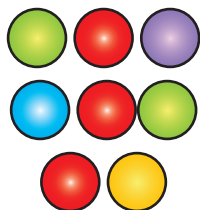
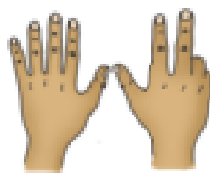
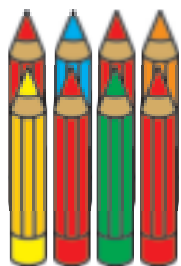
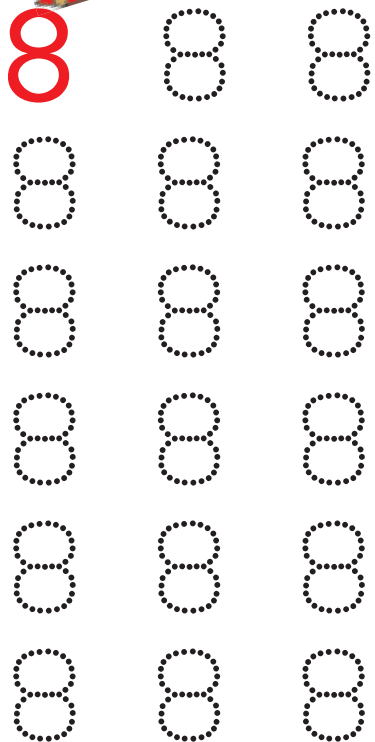
Gwala amajamo abu-8 ngaphakathi kwebhoksi.



Gadangisa inomboro.



Madanisa iinthombe.





Faka umbala iinkwekwezi ezibu-8.



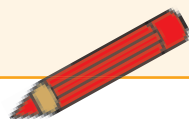
Kopulula bewugwale okhunye okubu-8.



Zijayeze inomboro.



bunane



Faka iiyingi iindulungu nawulokhu ubala.



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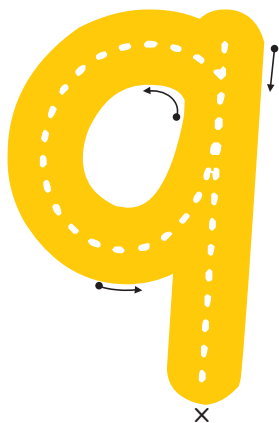




Ithoba



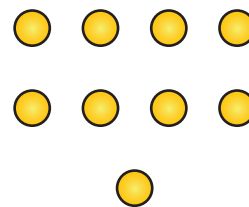
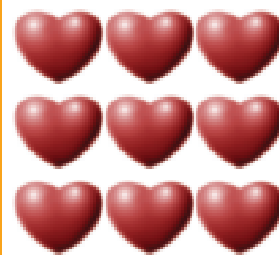
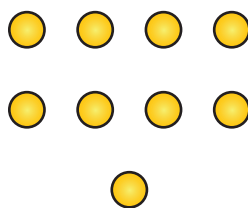
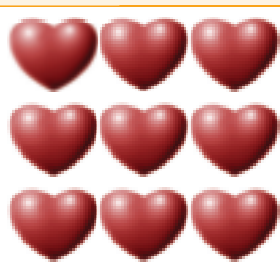
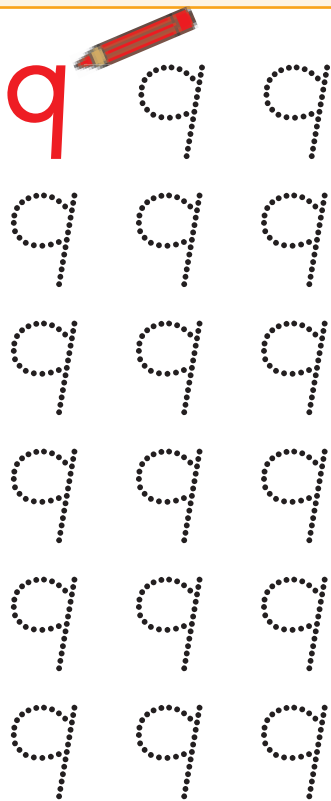
Gwala iinhliziyi ezili-9 ngaphakathi kwebhlogo.



Gadangisa inomboro.

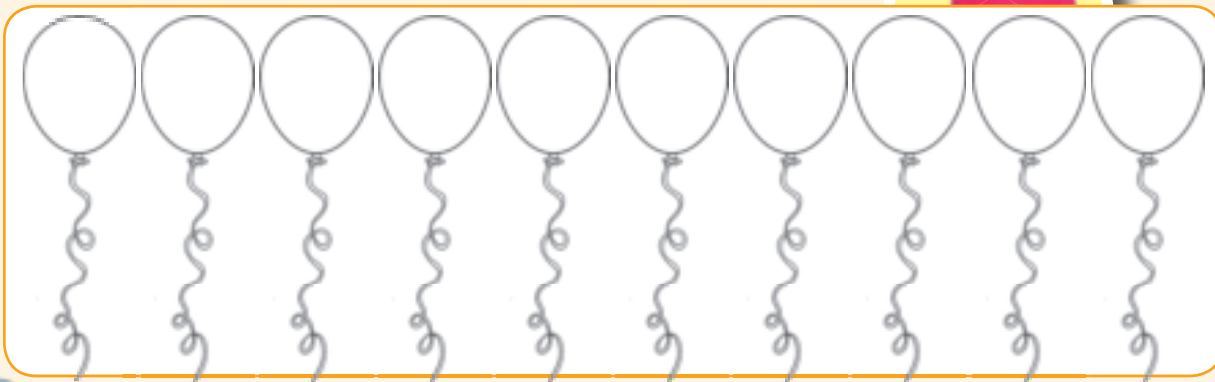


Madanisa iinthombe.

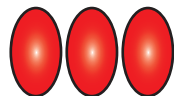




Faka amabhaloni alithoba umbala.



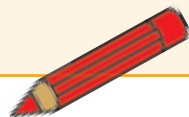
Kopulula bewugwale okhunye okuli - 9.



Zijayeze inomboro.



ithoba

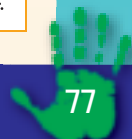


Faka umbala aboncantathu lokha nawubalako.



Teacher:
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Date:





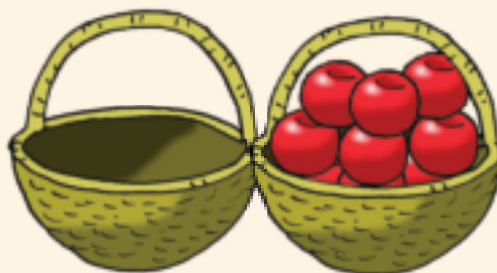
Kuzele nanyana akunalitho

Faka umbala ependulweni enembako.
Iimumathi zizele nanyana azinalitho?



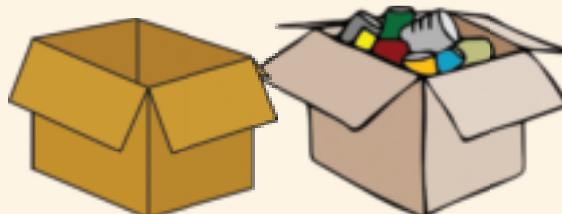
azinalitho zizele

azinalitho zizele



azinalitho zizele

azinalitho zizele



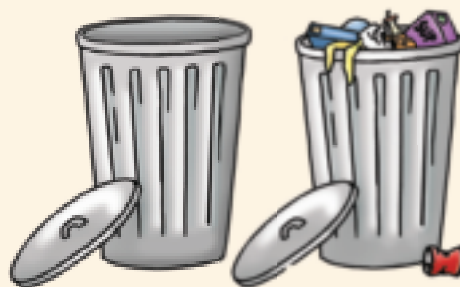
azinalitho zizele

azinalitho zizele



azinalitho zizele

azinalitho zizele



azinalitho zizele

azinalitho zizele



azinalitho zizele

azinalitho zizele

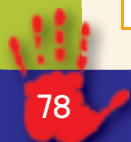


azinalitho zizele

azinalitho zizele

zizele

azinalitho





Khalara ipendulo enembako.
Ingabe iimumathi zizele nanyana azinalitho?

asinalitho

sizele



azinalitho

zizele

azinalitho

zizele

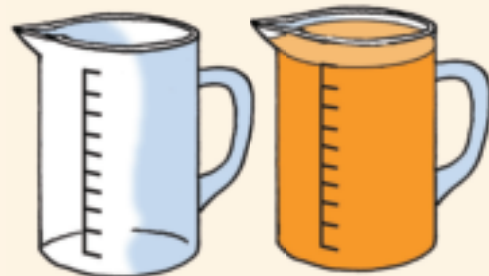


azinalitho

zizele

azinalitho

zizele

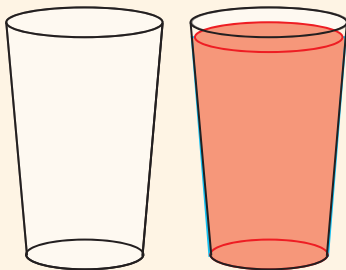


azinalitho

zizele

azinalitho

zizele



azinalitho

zizele

azinalitho

zizele



azinalitho

zizele

azinalitho

zizele



Teacher:
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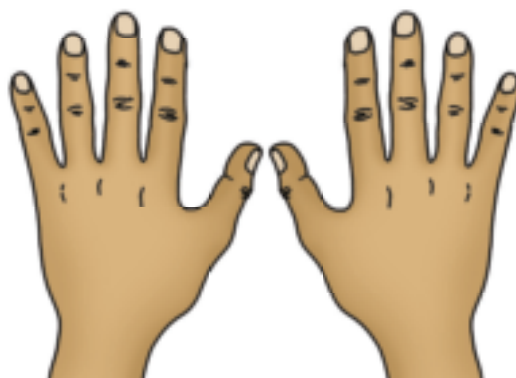
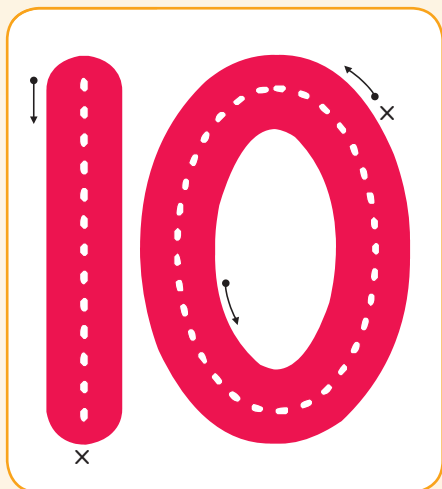
Date:



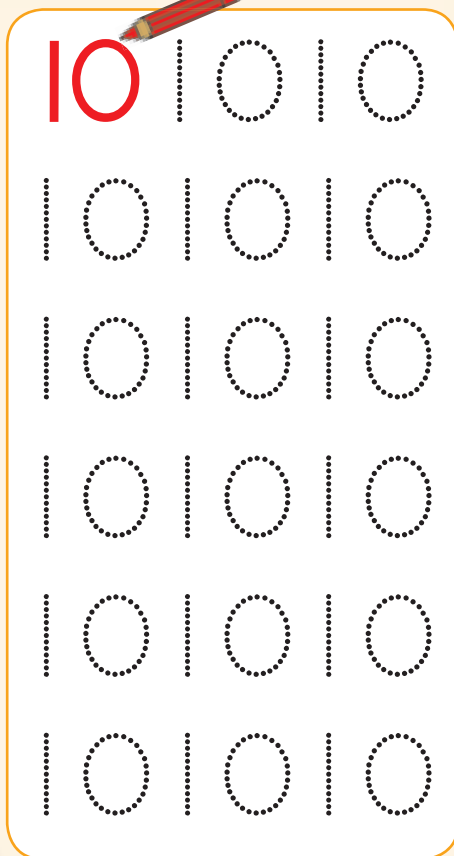
Itjhumu



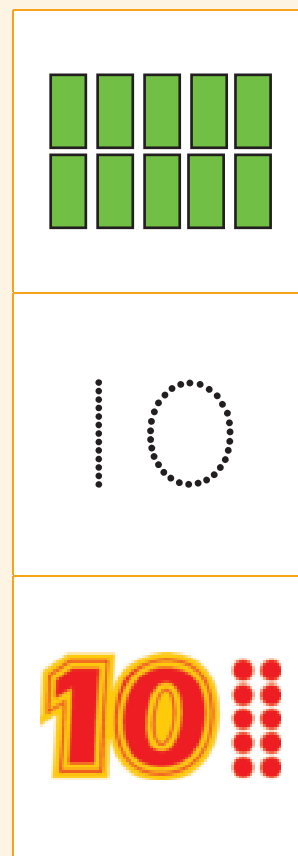
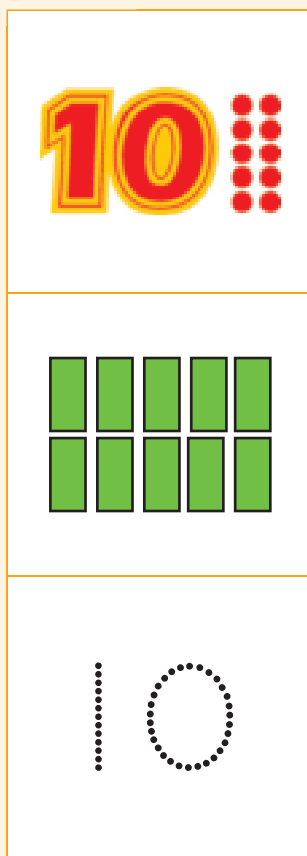
Bala imino yezandla zakho zombili.



Gadangisa inomboro.



Madanisa iinthombe.





Faka iintshelo ezili-10 umbala.



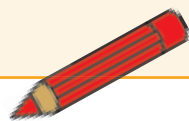
Kopulula bewugwale okhanye okuli-10.



Zijayeze inomboro.

10

itj'humu



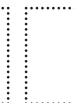
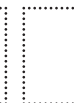
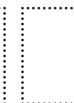
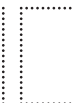
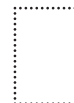
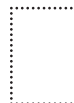
10

10

10



Faka amarekt'hengela umbala lokha nawubalako.



Teacher:

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Date:

11

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19

20

81



Iinomboro 1 kufika ku-10

Sebenzisa imino yakho ukwakha iinomboro ezilandelako. Bese ukopulula iinomboro.

	1	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



Zijayeze ukutlola iinomboro lezi.



6

sithandathu



6 6 6 6



7

likhomba

7 7



8

bunane

8 8



9

lithoba

9 9



10

litjhumi

10 10



Teacher:
Sign:
Date:

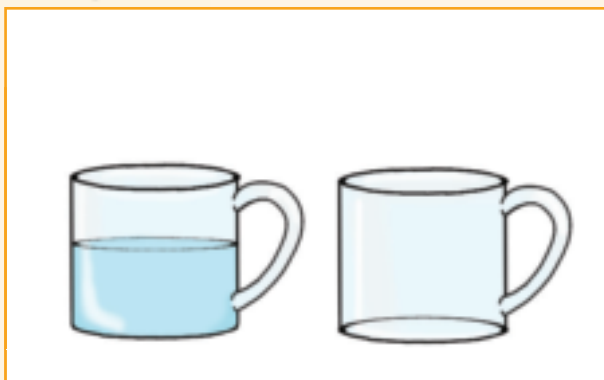




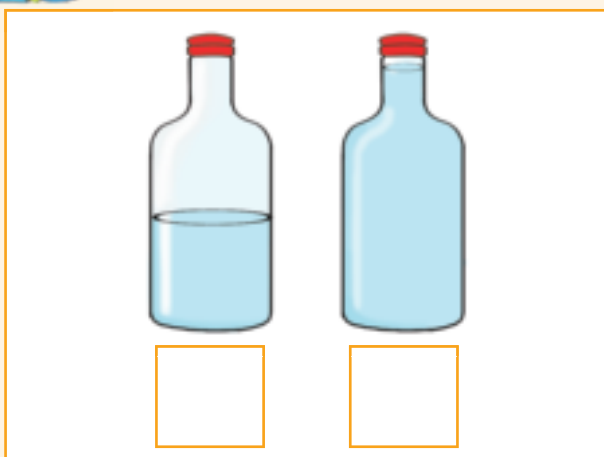
Umthamo nevolumu



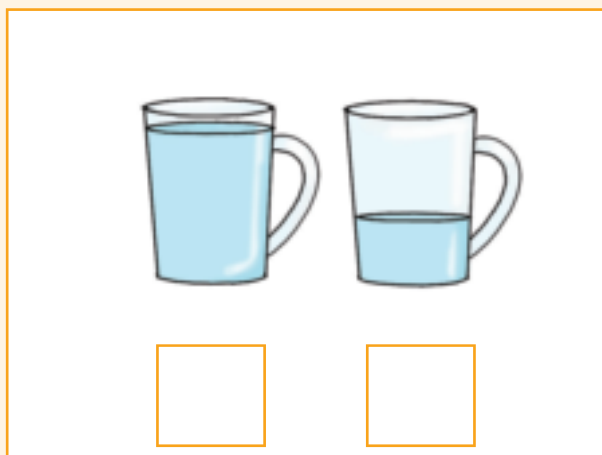
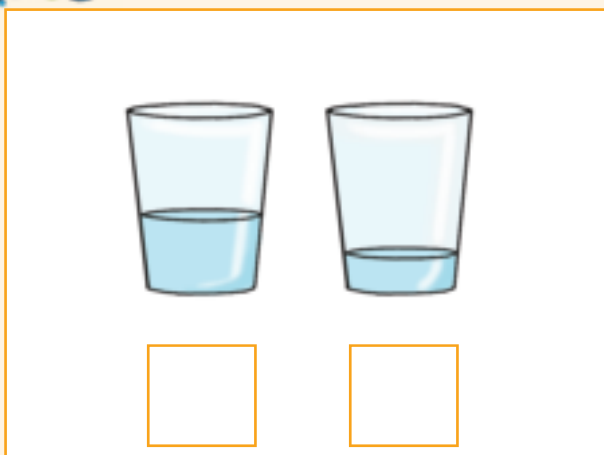
Gwala godu amanzi ngaphakathi kwesimumathi.



Tshwaya kobana ngisiphi isimumathi esinokunengi.

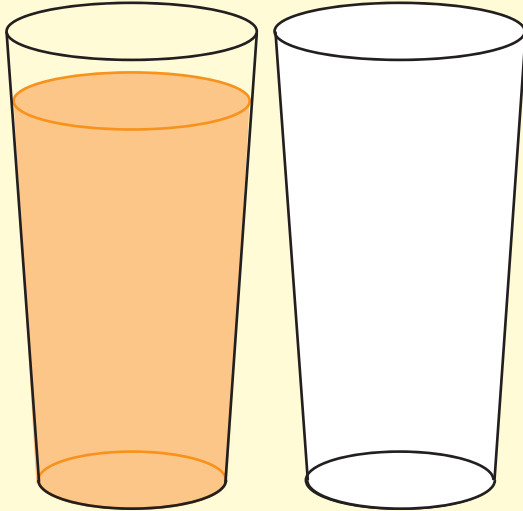


Thika kobana ngisiphi isimumathi esinokuncani.

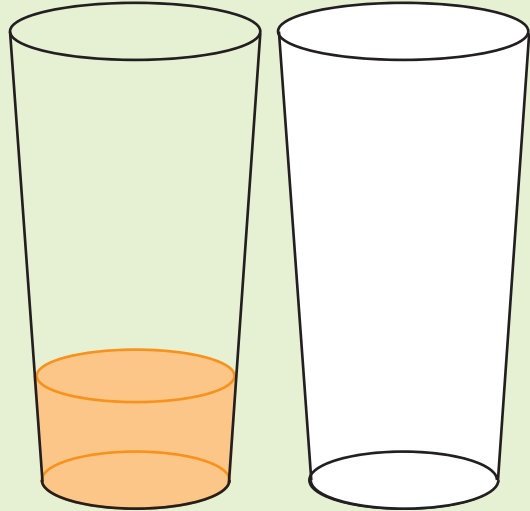




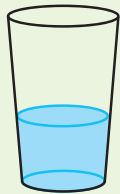
Khalara isimumathi sesibili ukuze sibonakale kobana simumet'he ijuzi encani kune sokuthoma.



Khalara isimumathi sesibili ukuze sibonakale kobana simumet'he ijuzi enengi kune sokuthoma.



Ndulungela okunengi, okuncani nalokho okulinganako.



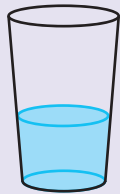
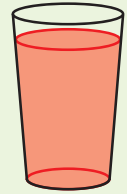
Esihlaza kwesibhakabhaka sino

kunengi

kuncani

kulinganako

esibovu sino.



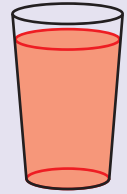
Esihlaza kwesibhakabhaka sino

kunengi

kuncani

kulinganako

esibovu sino.



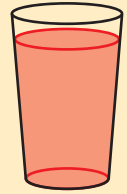
Esihlaza kwesibhakabhaka sino

kunengi

kuncani

kulinganako

esibovu sino.



okunengi

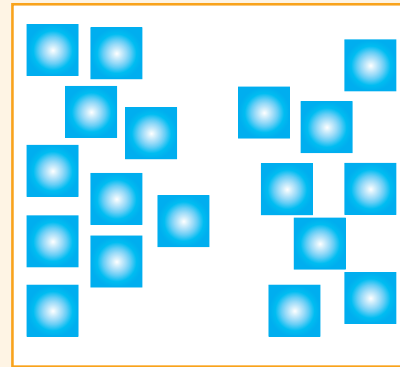
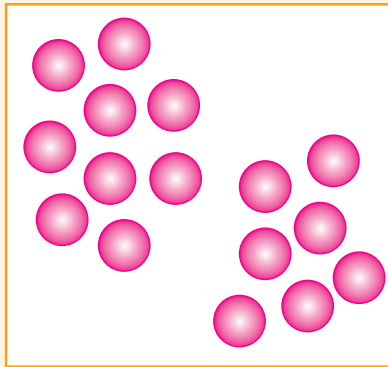
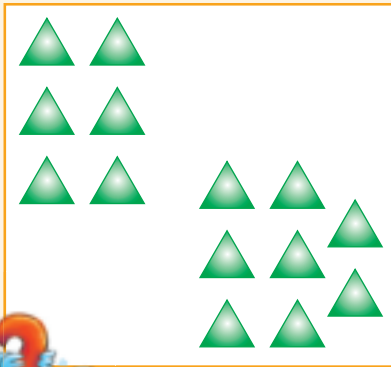
okuncani

Teacher:
Sign:
Date:

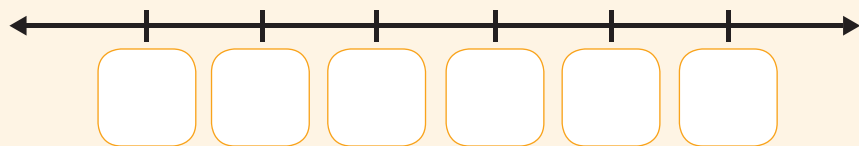
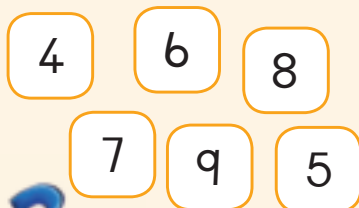
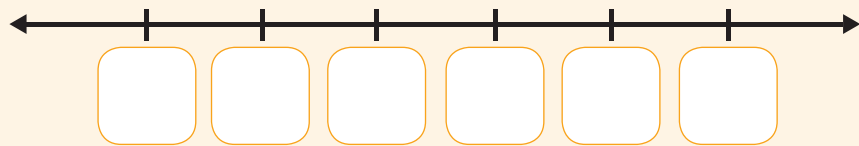
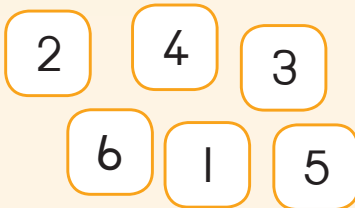
Iinomboro 1 kufika ku-10



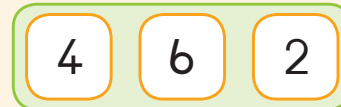
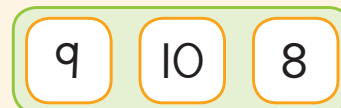
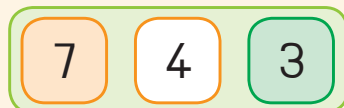
Ngaphakathi kwebhlogo elinye nelinye, ndulungela ibuthhelelo elinamabumbeko amancani.



Tlola iinomboro ezisuka kezincani khulu ukuya eenomborweni ezikulu khulu emudeni.



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



Rarulula okulandelako. Ungazenzela imigwalo ukuze ikusize.

Oku-5 okungezelelwe ngokukodwa.

Oku-5 okuphungulwe ngokukodwa.

Oku-6 okungezelelwe ngakubili.

Okuli-7 okuphungulwe ngakubili.



Umncamo ophothelweko



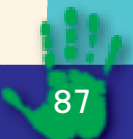
Zalisa ngenomboro efaneleko.

10 number lines for counting practice:

- Line 1: 1 (with a red pencil pointing to it), 2, 3, 4, 5, 6, 7, 8, 9, 10
- Line 2: 1, 2, 3, (blank), 5, 6, 7, 8, 9, 10
- Line 3: 1, 2, 3, (blank), (blank), 6, 7, 8, 9, 10
- Line 4: 1, 2, (blank), 4, 5, 6, (blank), 8, (blank), 10
- Line 5: 1, 2, 3, (blank), 5, 6, 7, (blank), (blank), 10
- Line 6: (blank), 2, (blank), 4, 5, (blank), 7, 8, (blank), 10
- Line 7: 1, (blank), 3, 4, 5, 6, 7, (blank), 9, (blank)
- Line 8: (blank), (blank), (blank), (blank), (blank), (blank), (blank), (blank), (blank), (blank)
- Line 9: 10, 9, 8, 7, 6, 5, (blank), (blank), (blank), (blank)



Teacher: _____
Sign: _____
Date: _____





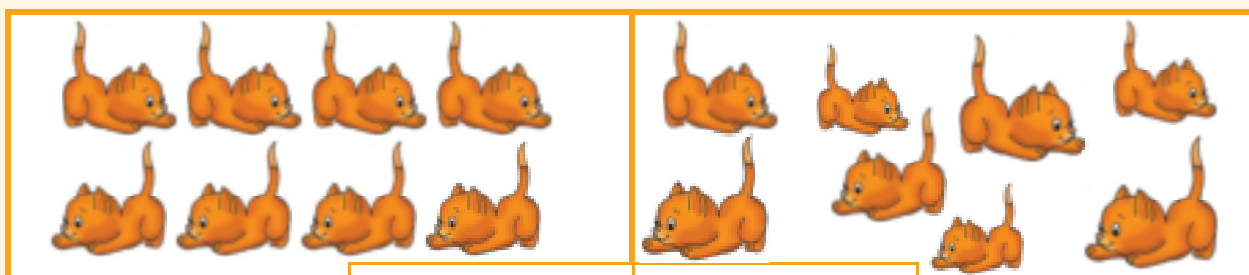
Okunengi, okulinganako nokunciphisa

Madanisa izinto ngesandleni esingesinceleni nezinto ezingesidleni.
Khalara ipendulo enembako.



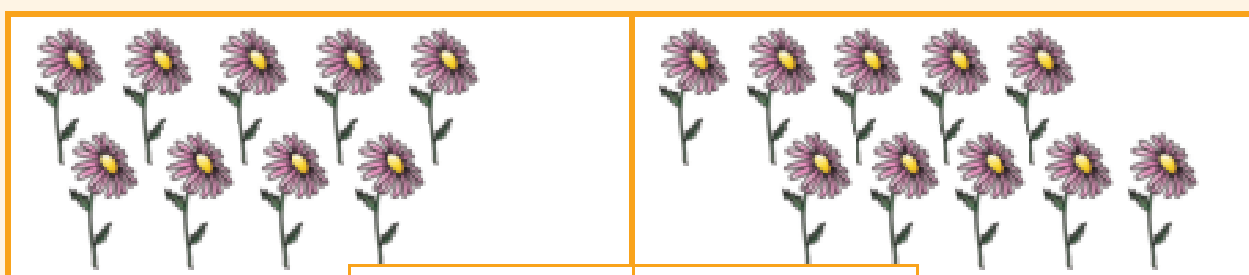
kuyafana

akufani



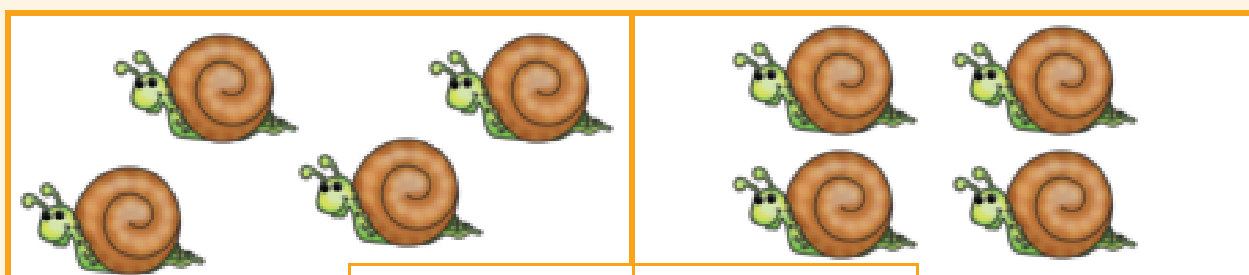
kuyafana

akufani



kuyafana

akufani

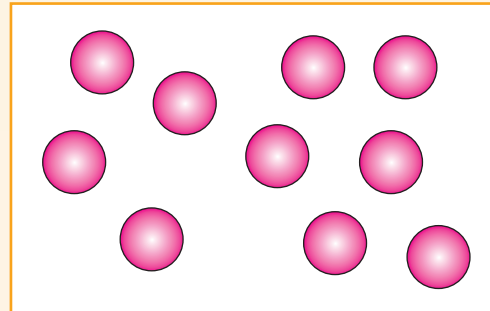
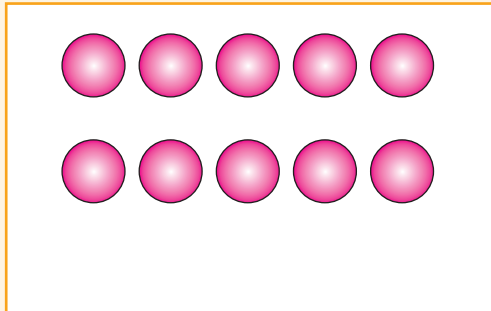


kuyafana

akufani



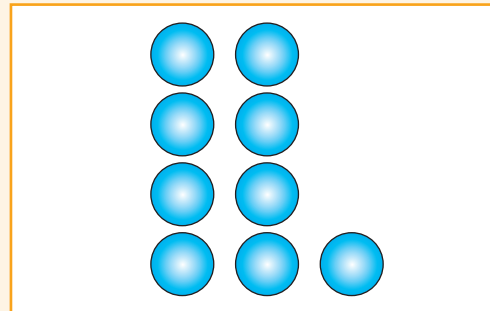
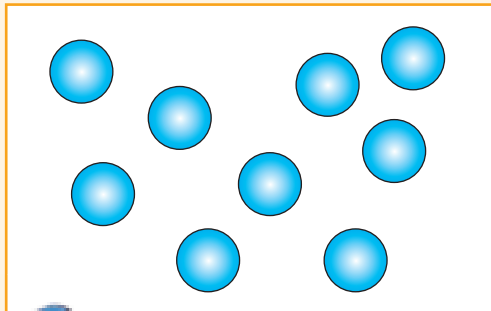
Yitjho kobana ibhlogo lesibili linokunengi, linokuncani, lilingana nebhlogo lokuthoma.
Khalara ipendulo enembako.



okunengi

kuyalingana

kuncani



okunengi

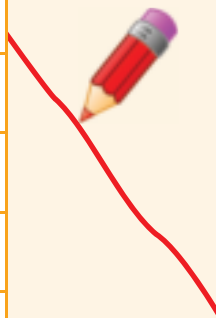
kuyalingana

kuncani



Madanisa izinto nenomboro.

1
2
3
4
5
6
7
8
9
10



6
2
4
8
1
7
9
3
5
10

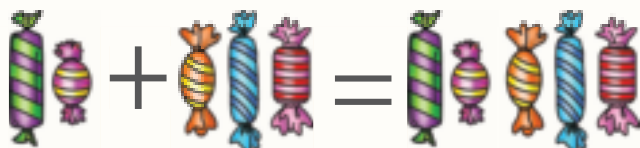


Teacher:
Sign:
Date:

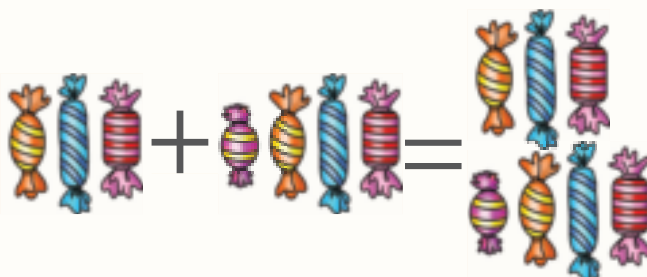


Ukuhlanganisa amaswidi

Hlanganisa amaswidi la bese uzalisa ngependulo.



$$2 + 3 = 5$$



$$3 + 4 =$$



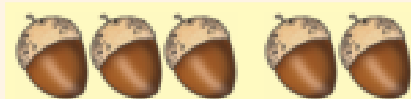
Hlanganisa iinomboro.



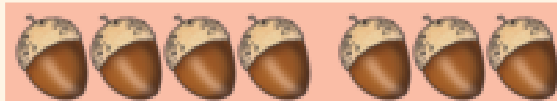
$$5 + 1 = 6$$



$$5 + 0 =$$



$$3 + 2 =$$



$$4 + 3 =$$





Zama lokhu.

$$3 + 6 = 9$$

$$4 + 0 = 4$$

$$0 + 5 = 5$$

$$6 + 0 =$$

$$2 + 2 =$$

$$1 + 3 =$$

$$2 + 5 =$$

$$5 + 0 =$$

$$1 + 8 =$$

$$4 + 2 =$$

$$1 + 1 =$$

$$0 + 7 =$$

$$3 + 2 =$$

$$5 + 3 =$$

$$7 + 2 =$$

$$4 + 4 =$$

$$5 + 1 =$$

$$4 + 3 =$$

$$2 + 6 =$$

$$8 + 2 =$$



Teacher:
Sign:

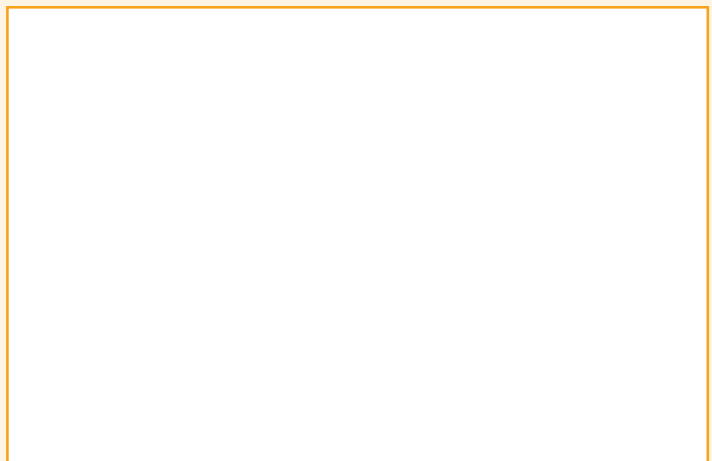
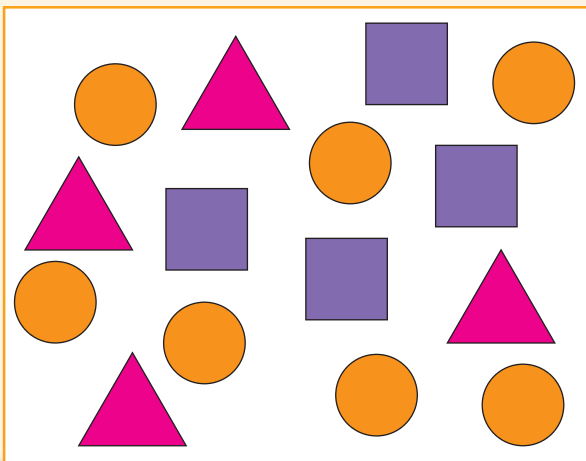
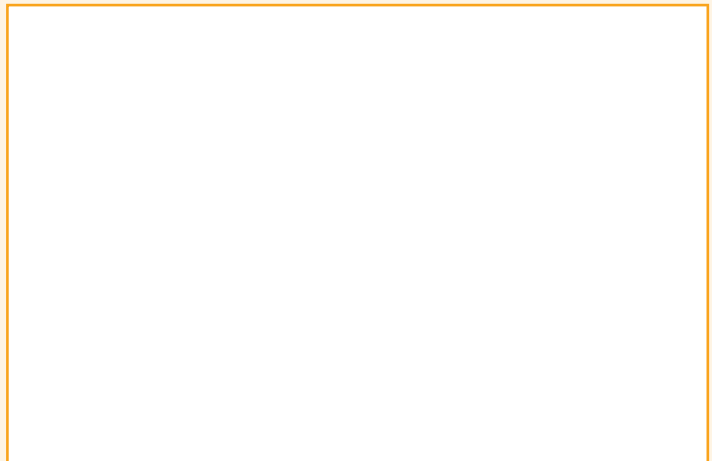
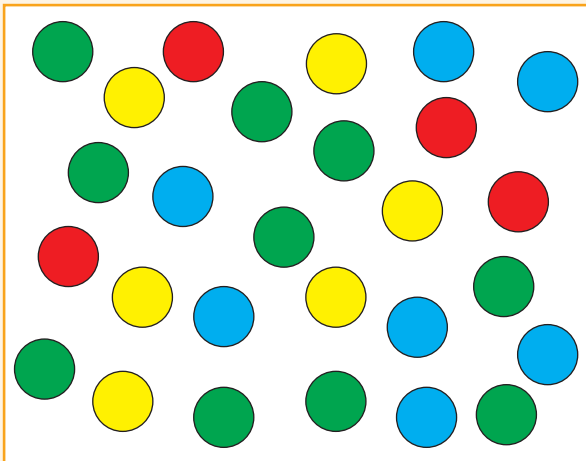
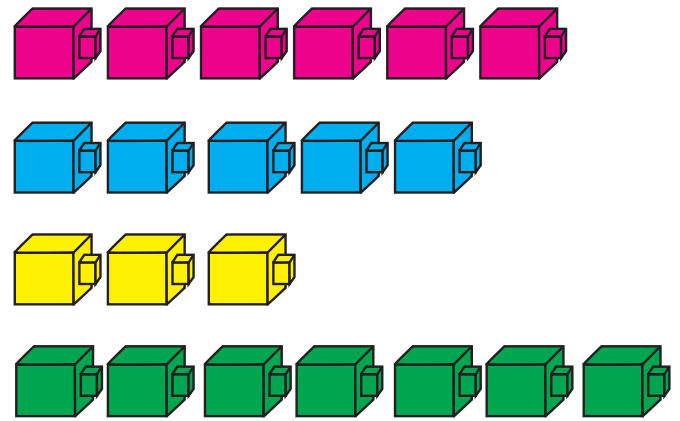
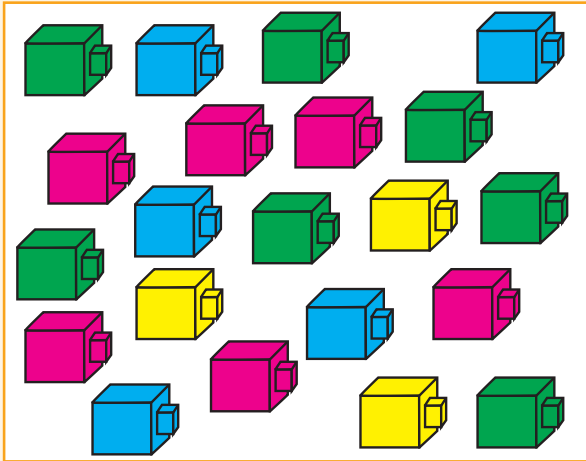
Date:





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:

11 12 13 14 15 16 17 18 19 20





Ukuhlenganisa 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:

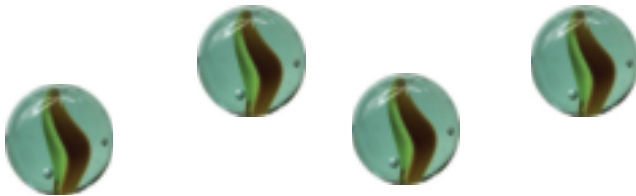
3

4

5

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

Nginamabula ama-4. Ngithumbe amanye ama-3. Senginamabula amangaki?



Asibale:

4

5

6

7

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

Bekunamaviviyani ama-5. Kwafika mabili. Kunamaviviyani amangaki nasele awoke.



Asibale sibuyele emuva:

5

6

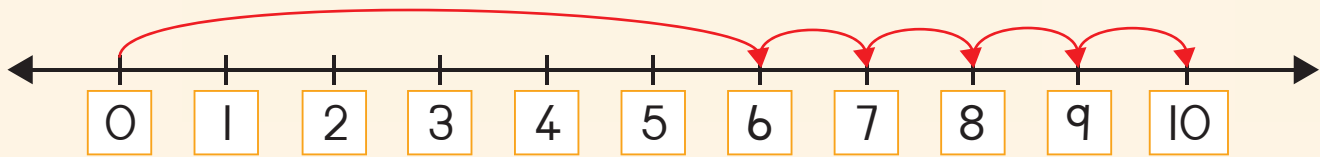
7

$$\boxed{} - \boxed{} = \boxed{}$$

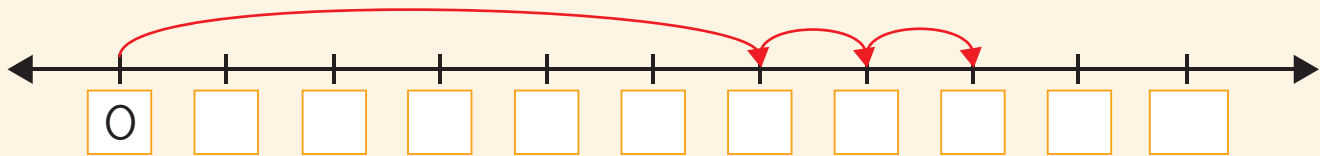




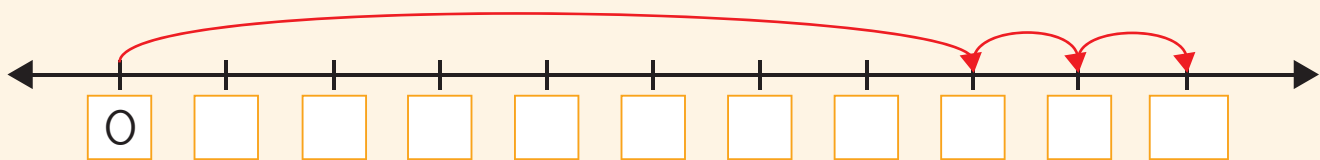
Qedelela iinomboro kunambalayini bese utlola umutjho weenomboro womutjho ngamunye.



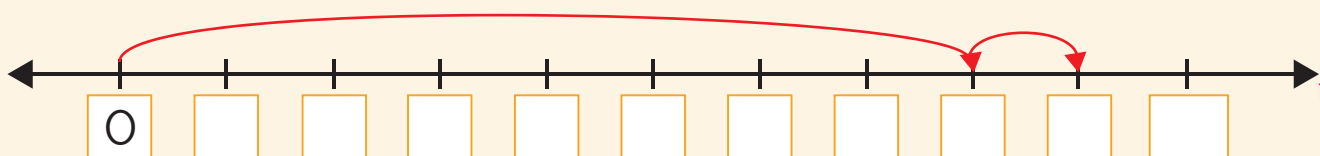
$$6 + 4 = \square$$



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



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



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



Teacher:
Sign:
Date:





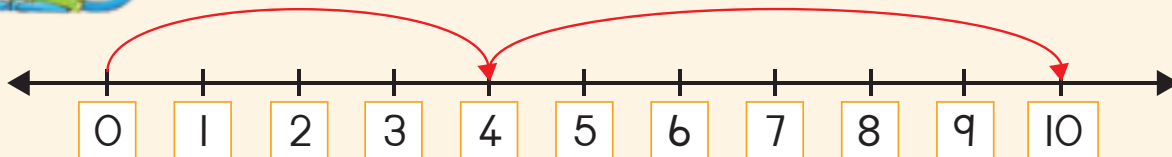
Ukuhlenganisa: ukwakha nokuhlephula ukufika ku-10

Khalara ukutjengisa okulandelako.

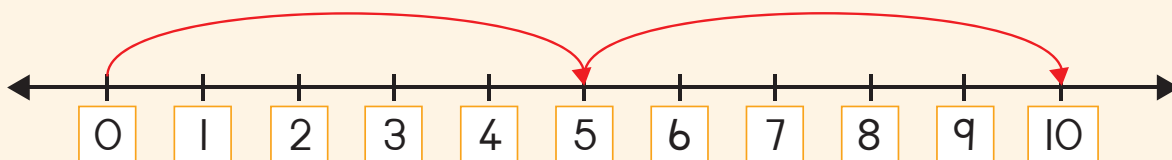
1 + 9										
2 + 8										
3 + 7										
4 + 6										
5 + 5										



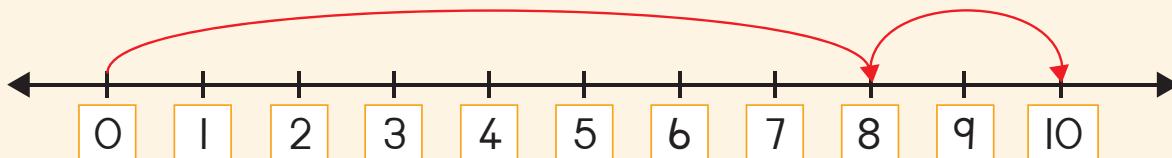
Tlola isibalo salokhu:



$$4 + 6 = \square$$



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



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





Sebenzisa iinomboro zamathuthumbo ukuzenzela umutjho wakho weenomboro.



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



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



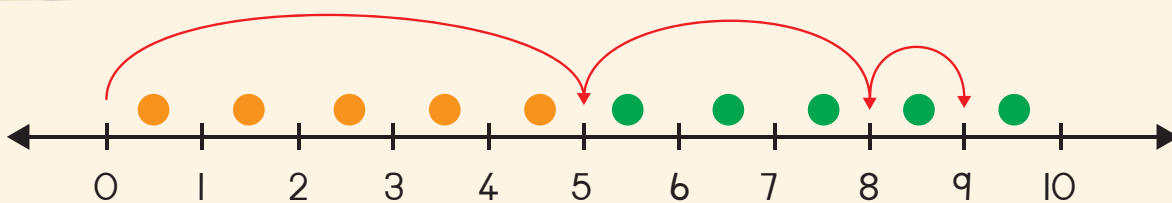
$$\square + \square + \square = \square$$



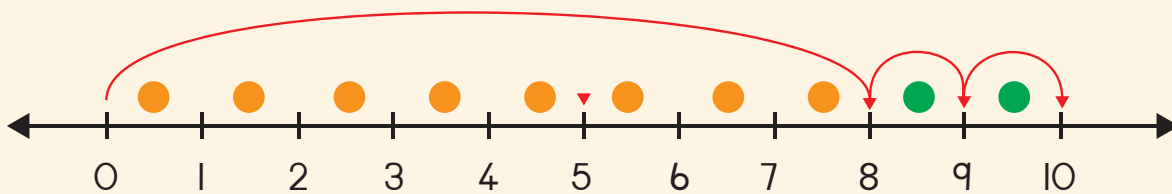
$$\square + \square + \square = \square$$



Tlola isibalo salokhu:



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



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



Teacher:
Sign:

Date:



Phendula okulandelako.

Ukubuyelela kabili nokuhafula

Ubona abentazana abangaki?



Kwanje sewubona abentazana abangaki?



Oku-1 okubuyelelwe kabili, ipendulo ngoku-2.
Kungaba nangaki-ke nasiphungula inani labentazana?

Ubona iinyawo ezingaki?



Kwanje sewubona iinyawo ezingaki?



Sithi oku-2 okubuyelelwe kabili,
ipendulo ngoku-4.
Izokuba yini ihafu yaka-4?

Ubona amavili amangaki?



Kwanje sewubona amavili amangaki?



Sithi oku-3 okubuyelelwe kabili, ipendulo
ngokusi-6. Izokuba yini ihafu yaka-6?

Ubona imilenze emingaki?



Kwanje sewubona imilenze emingaki?

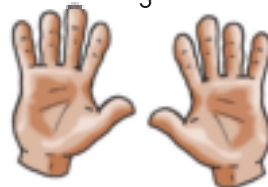


Sithi oku-4 okubuyelelwe kabili, ipendulo
ngokubu-8. Izokuba yini ihafu yaka-8?

Ubona imino emingaki?



Kwanje ubona imino emingaki?

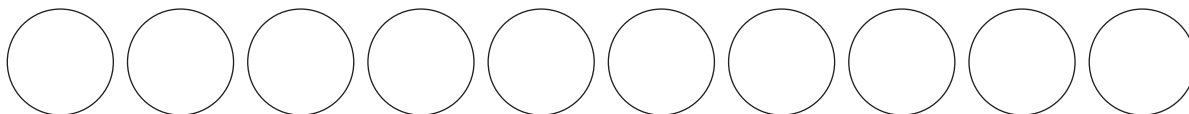


Sithi oku-5 okubuyelelwe kabili, ipendulo ngokuli-10. Izokuba yini ihafu ye-10?



Rarulula okulandelako ngokukhalara. Tlola isibalo.

Nginamabula ama-4. Umngani wami unamamabula ama-4. Sisobabili sinamamabula amangaki? Khalara inani elinembako lamamabula.


 + =


Phendula okulandelako:

Oku-1 okubuyelelwe kabili, ipendulo

Oku-2 nakubuyelelwe kabili, ipendulo

Oku-4 okubuyelelwe kabili, ipendulo

Oku-5 okubuyelelwe kabili, ipendulo

Ihafu yaka-2, ipendulo

Ihafu yaka-4, ipendulo

Ihafu yaka=8, ipendulo

Ihafu yaka-10, ipendulo

Oku-3 okubuyelelwe kabili, ipendulo

Ihafu yaka-6, ipendulo



Teacher:
Sign:

Date:



11 12 13 14 15 16 17 18 19 20

48a

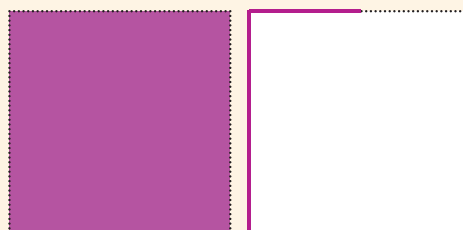
Ithemu 2



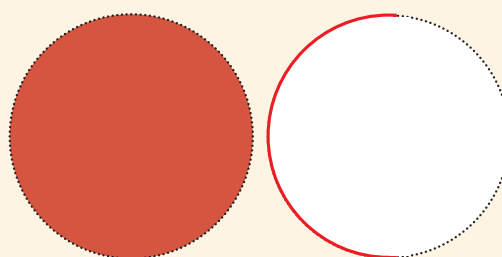
Qedelela amabumbeko alandelako.

Amabumbeko

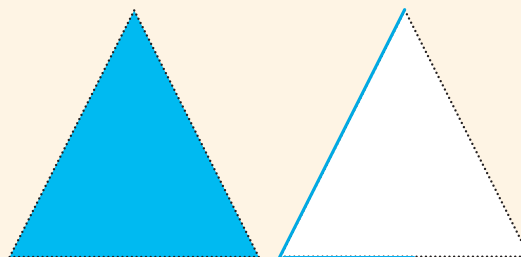
isikwere



indulungu



uncantathu

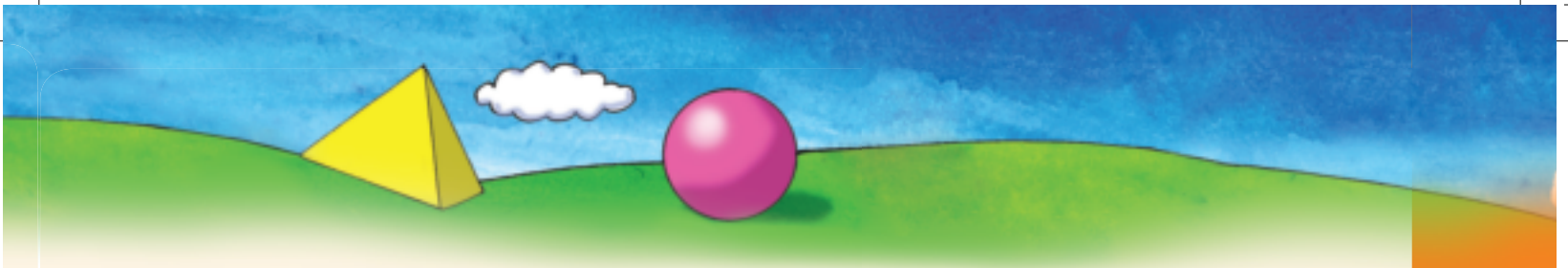


irekthengela

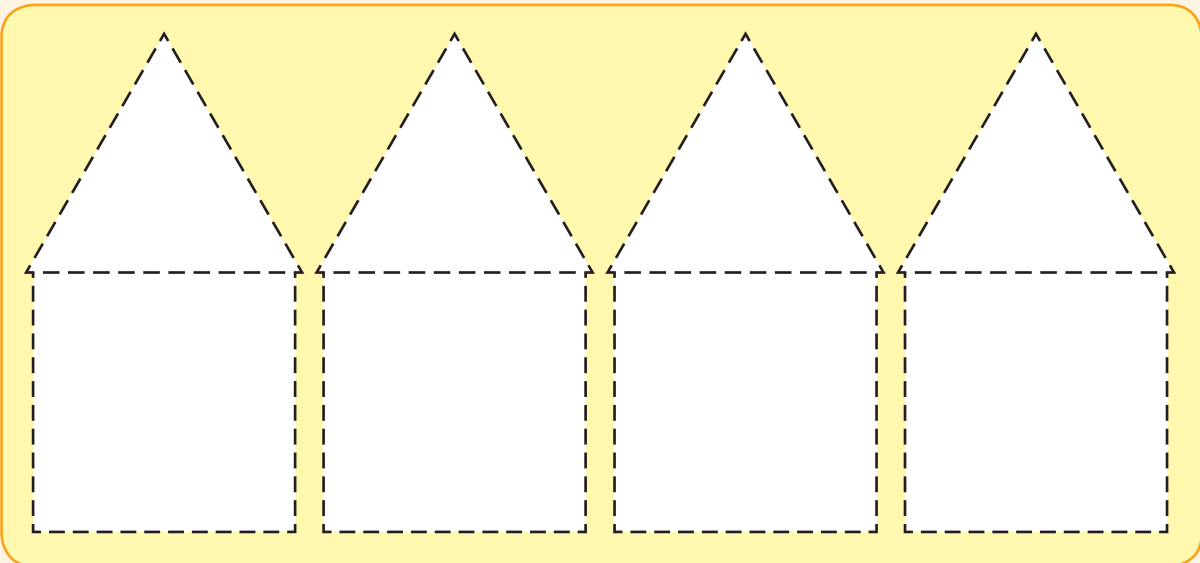
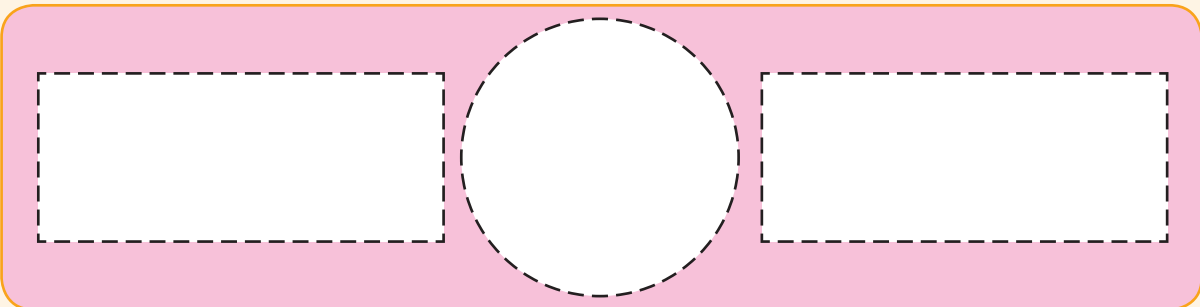
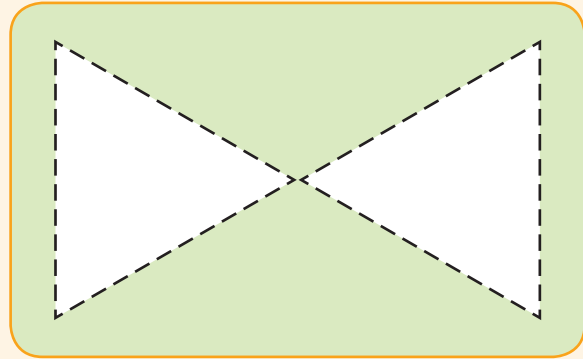
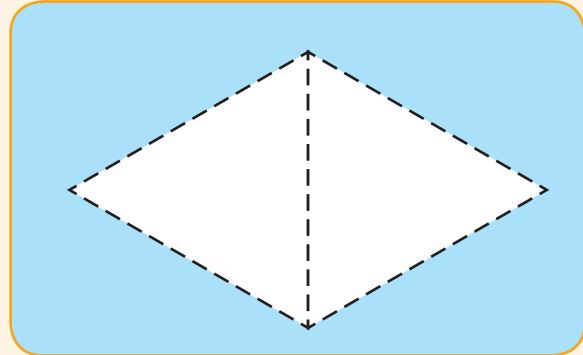
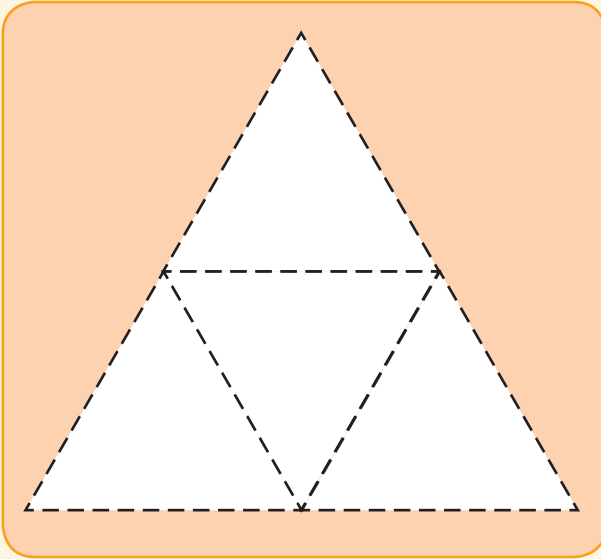


Sebenzisa amajamo amane anehlwa ukugwala isithombe.
Ungasebenzisa amajamo kanengi ngokuthanda kwakho.





Sebenzisa amabumbeko wakho
asikiweko ukwenza amabumbeko
alandelako.



Teacher:
Sign:
Date:



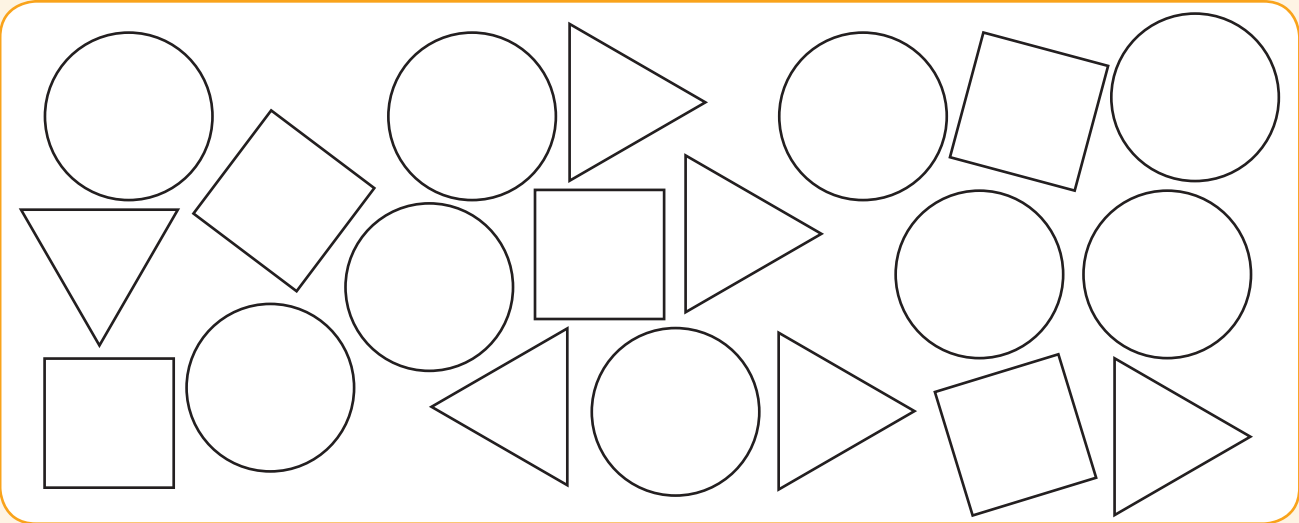
48b

Ithemu 2

Amanye amajamo we-2-D



Hlela amajamo bese ugwale umgwalo walokho okuhlelileko.



Aboncantathu

Indulunga

Isikwere

Kunaboncantathu abangaki?

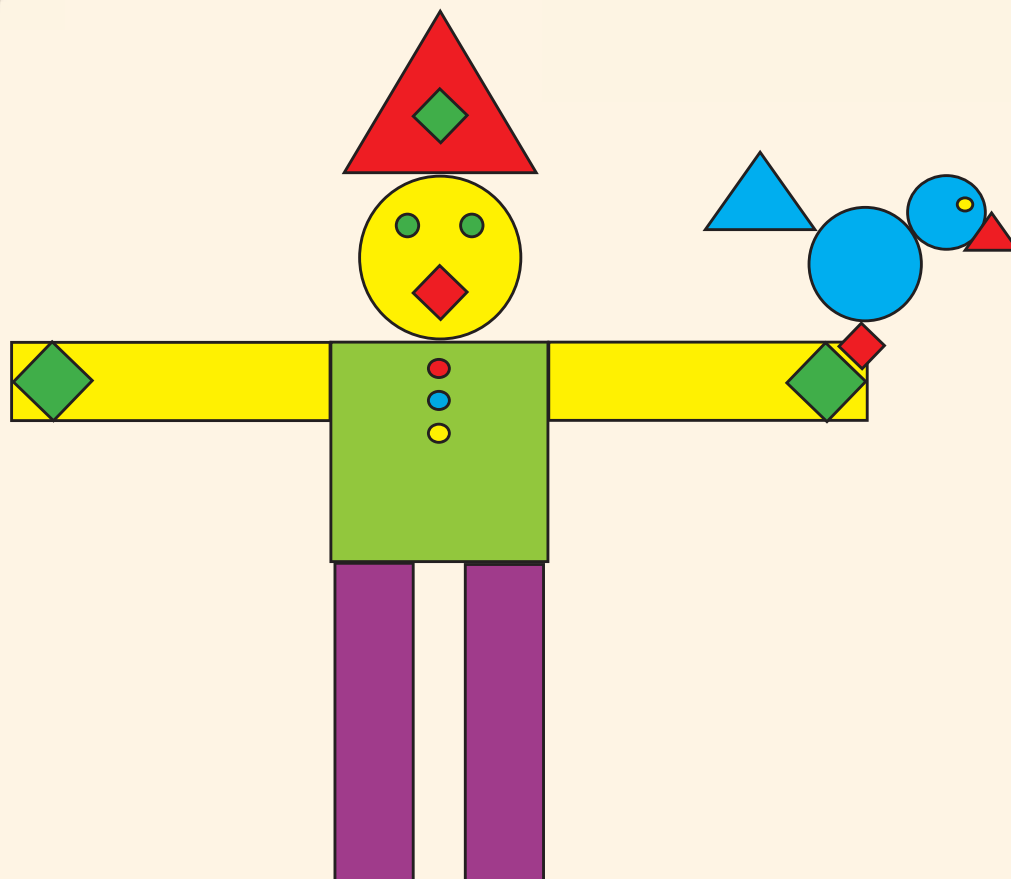
Kuneedulunga ezingaki?

Kuneenkwere ezingaki?



Thola amabumbeko alandelako

Thola amabumbeko ahlukahlukeneko bese uyawabala.



	Zingaki iinkwere ozitholako?	
	Mangaki amasekele owatholako?	
	Bangaki abonqantathu obatholako?	
	Mangaki amarekthengeli owatholako?	



Teacher:
Sign:

Date:





Amabuthhelelo wangakubili kufika ku-10

Phendula imibuzo:



Ubona abentwana abangaki?

Ubona iimpara zeenyawo ezingaki?

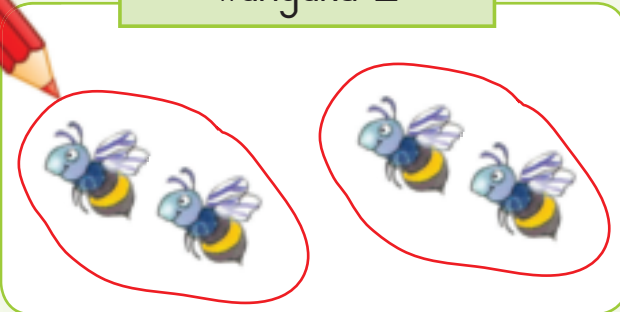
Tlola isibalo seempara zeenyawo.

$$2 + 2 + 2 =$$

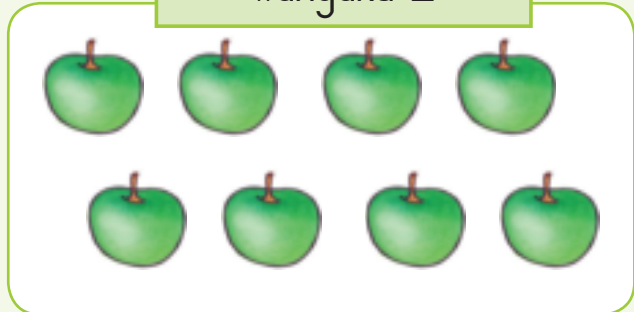


Gwala iindulungu uzombeleze okulandelako ukwenza:

amabuthhelelo ama-2
wangaku-2



amabuthhelelo ama-4
wangaku-2





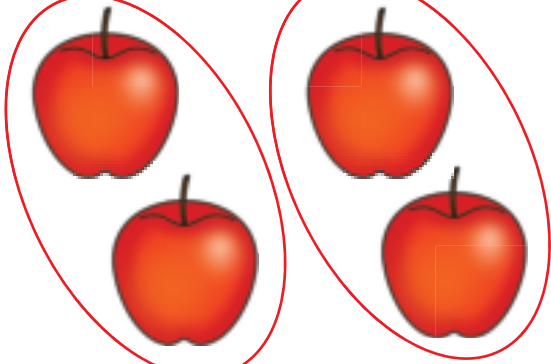
amabuthelelo ama-5
wangaku-2



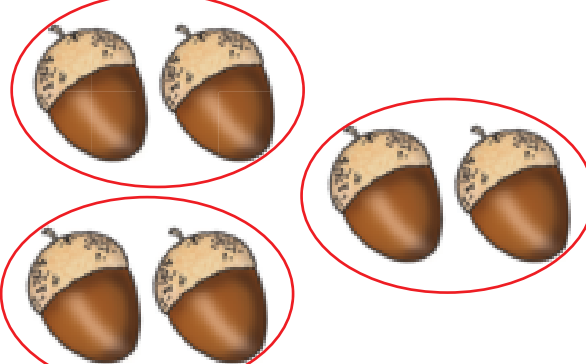
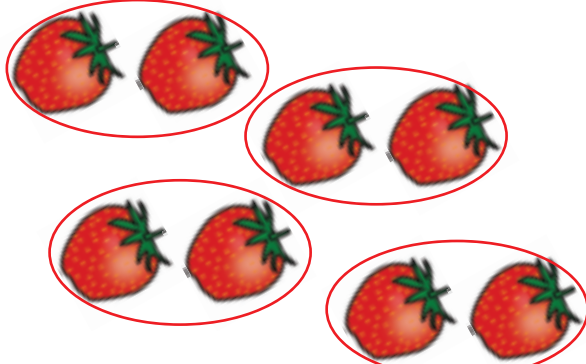
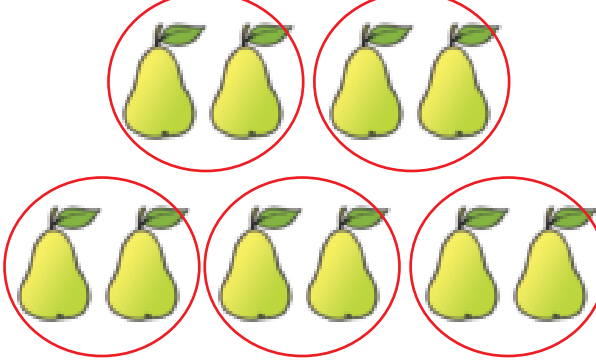
amabuthelelo ama-3
wangaku-2



Tlola isibalo salokhu okulandelako:



2 + 2 =



Teacher:
Sign:

Date:



Ukuhlenganisa okubuyelelweko kwangakubili bekufike ku-10

Kunemilenze emingaki? Tlola isibalo semilenze leyo.



$$2 + 2 + 2 = 6$$



Balisisa bese wenza umgwalo.

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

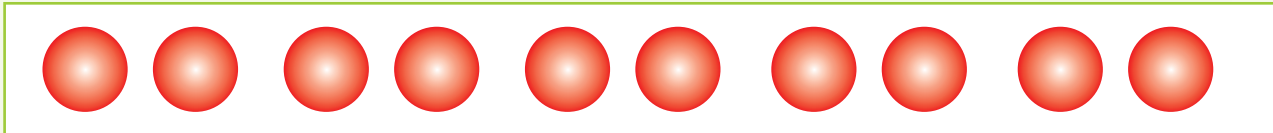
$$\boxed{2} + \boxed{2} + \boxed{2} = \boxed{}$$

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

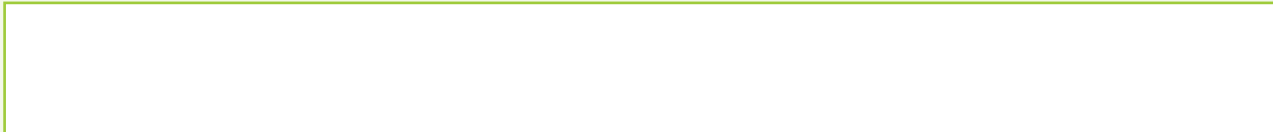
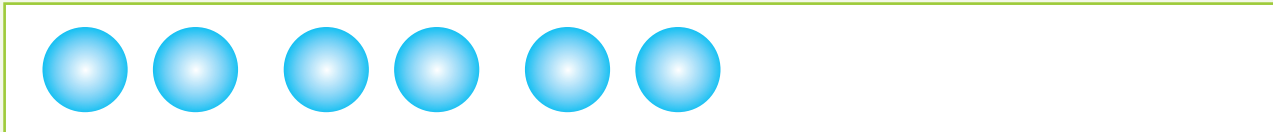
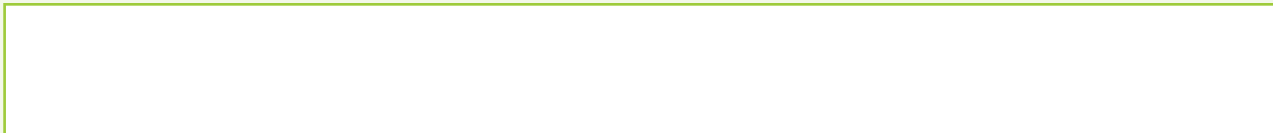
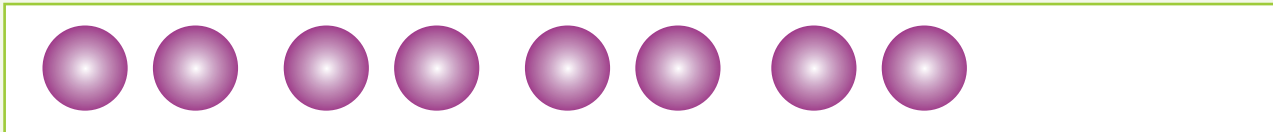
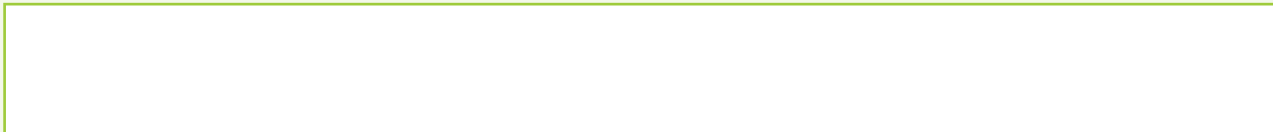
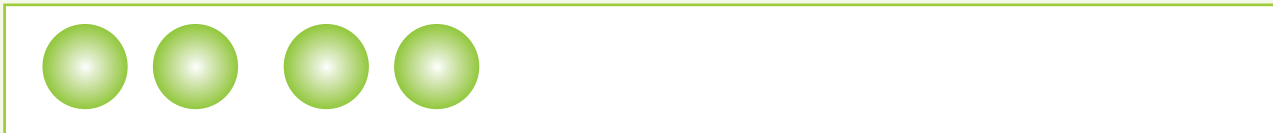
$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{}$$



Tlola isibalo salokhu:



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



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

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



Teacher:
Sign:
Date:

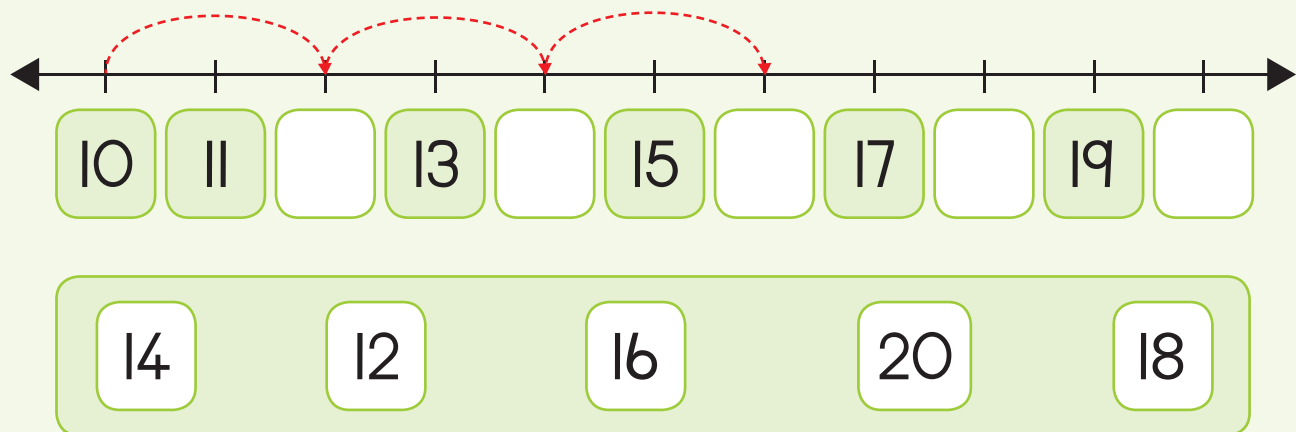
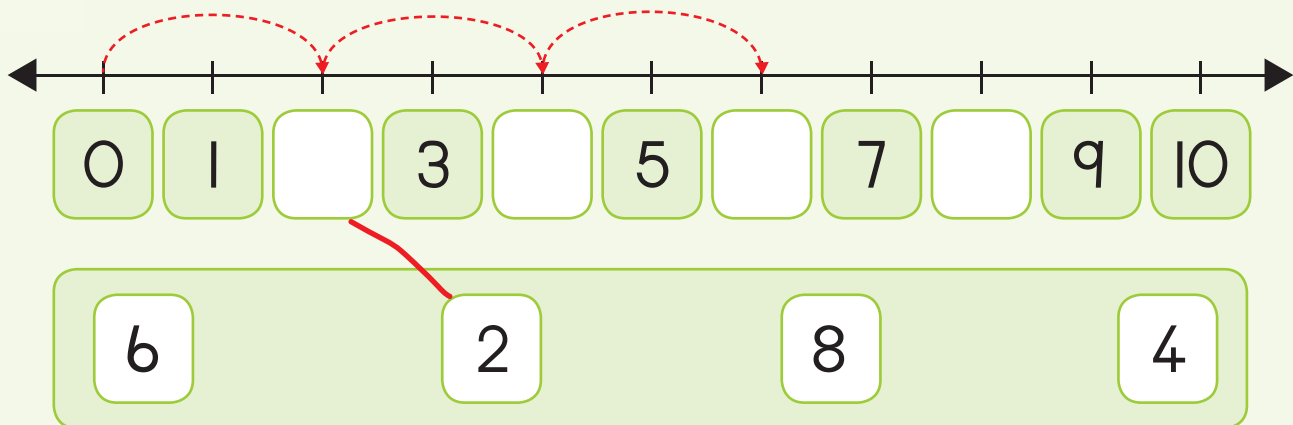




Amaphetheni wabo - 2 kufika ku-20

Gwala umuda ukumadanisa iinomboro ezitlhayelako.

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



Qedelela iphetheni ngokukhalara iinomboro.

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



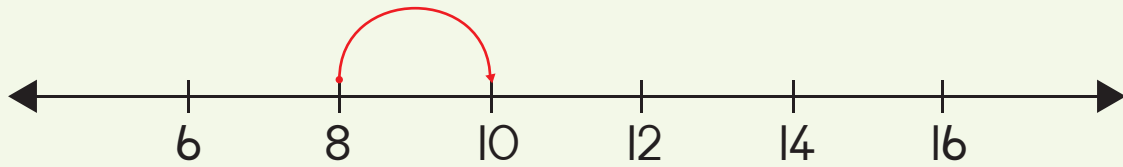
Gwala imego ukutjengisa okulandelako.

8

10

12

14

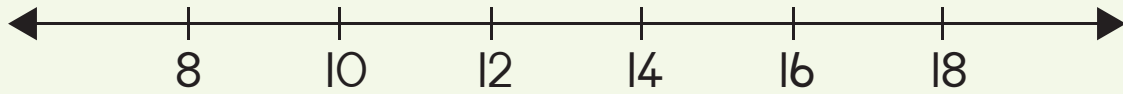


12

14

16

18



4

6

8

10



Teacher:
Sign:

Date:



12 13 14 15 16 17 18 19 20



Amabuthhelelo wangakuthathu bekufike ku-10

Phendula imibuzo.



Ubale amabhanana amangaki?

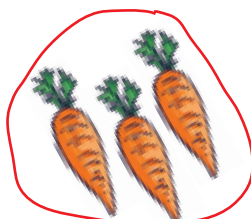
Kunamabuthhelelo amangaki?

Tlola ipendulo yakho njengomutjho weenomboro.



Gwala iindulungu uzombeleze okulandelako ukwenza:

amabuthhelelo ama-2
wangaku-3



amabuthhelelo ama-3
wangaku-3

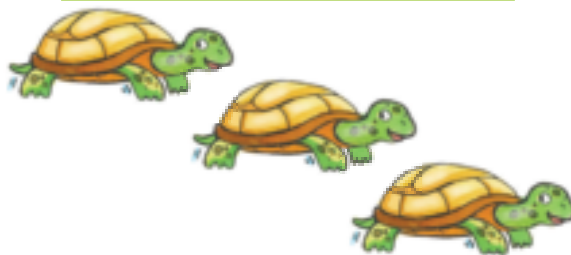




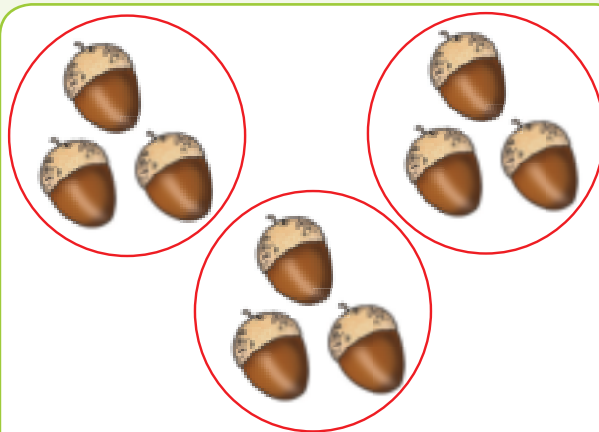
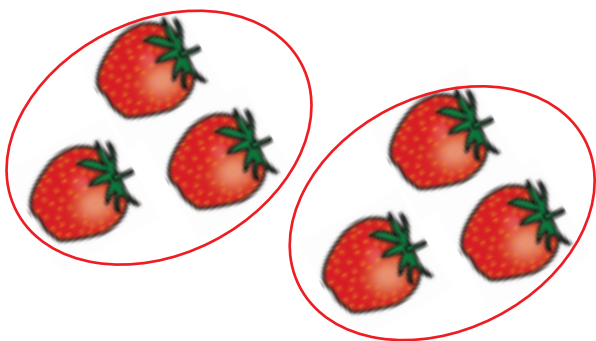
amabuthhelelo ama-4
wangaku-3



ibuthhelelo elilo-1
langaku-3



Tlola umutjho weenomboro walokhu okulandelako:



Gwala amabuthhelelo ama-2 wangaku-3.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





Ukuhlanganisa okubuyelelweko kwangaku-3 kufika ku-10

Kunamavili amangaki? Atlole njengesibalo.











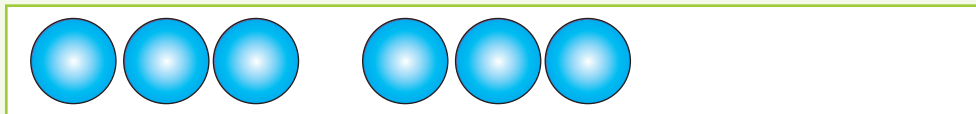
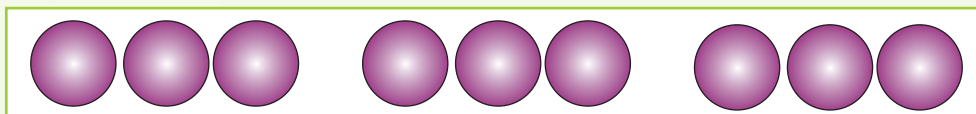
Gwala amajamo ukutjengisa okulandelako.

$$3 + 3 = \square$$

$$3 + 3 + 3 = \square$$



Tlola isibalo salokhu:



Ngithenge amathuthumbo amangaki esuphamakethe?



Isibalo.



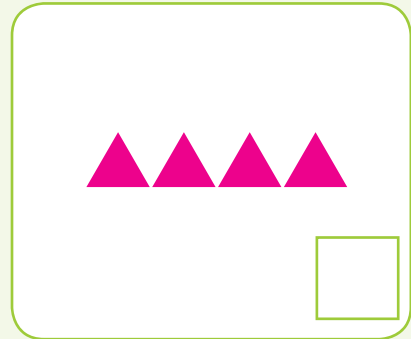
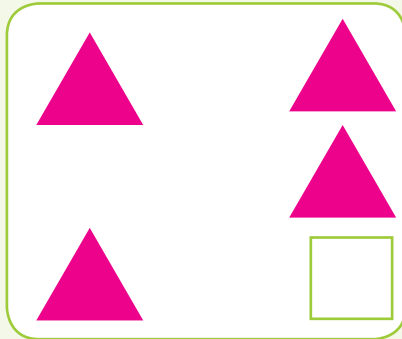
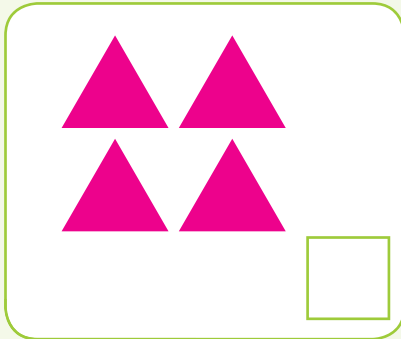
Teacher:
Sign:
Date:





Amabuthhelelo wangakune bekufike etjhumini

Bala amjamo bese utlole inomboro.



Esiqiwini ngibone iinlwana ezilandelako. Ngibona iinyawo ezingaki?

Tlola umutjho weenomboro ngokhunye nokhunye kwalokhu okungenzasi.



$$4 + 4 = 8$$









Gwala amajamo uzombeleze okulandelako ukwenza:

amabuthhelelo ama-2
wangaku-4



ibuthhelelo elilo-1
langaku-4



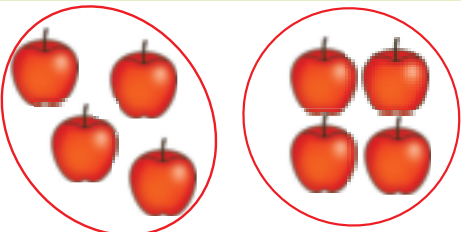
amabuthhelelo ama-2
wangaku-4



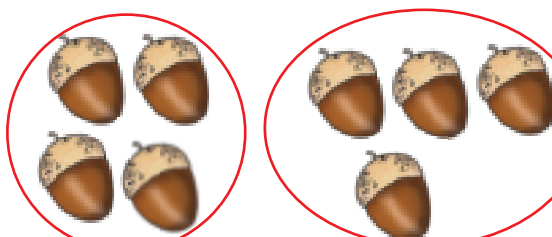
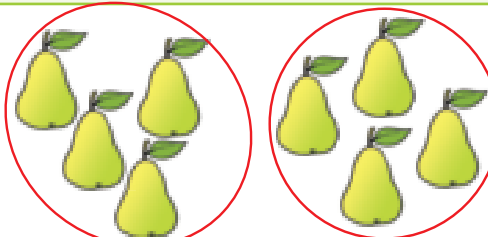
ibuthhelelo elilo-1
langaku-4



Tlola isibalo salokhu okulandelako:



$$4 + 4 =$$



Teacher:
Sign:
Date:



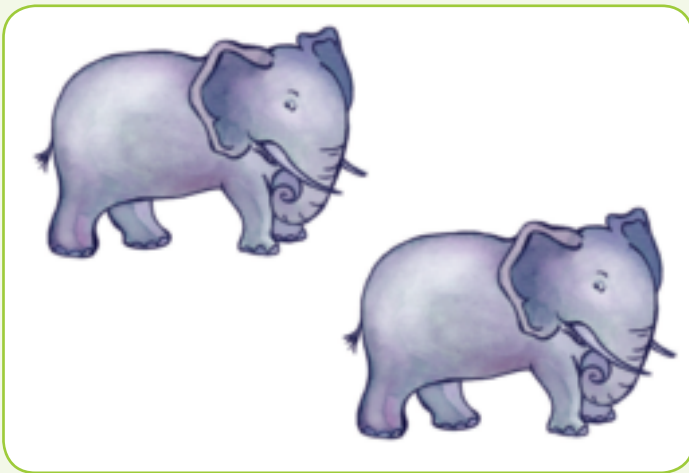


Ukuhlanganisa okubuyelelweko kwangakune kufika etjhumini

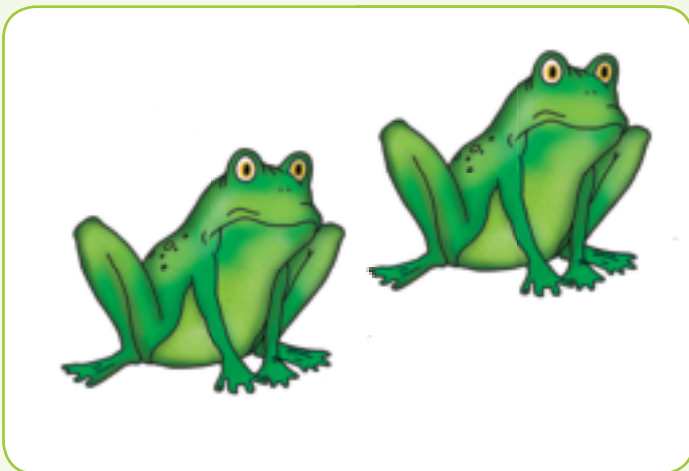
Kunemilenze emingaki? Tlola esinye nesinye isibalo.



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



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



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



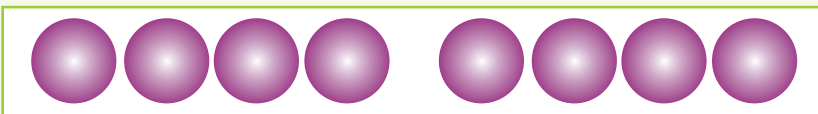


Gwala amajamo ukutjengisa okulandelako.

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



Tlola isibalo salokhu:



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



Isibalo.



Teacher:
Sign:

Date:



Amabuthhelelo wangakuhlano bekufike etjhumini

Phendula imibuzo.



Ubona imino emingaki enyaweni ngaliye?



Mimino emingaki seyiyoke?

Tlola njengesibalo.

$$5 + 5 =$$



Gwala iiyingi uzombeleze lokhu okulandelako ukwenza:

ibuthhelelo eli-1 langaku-5



amabuthhelelo ama-2 wangaku-5

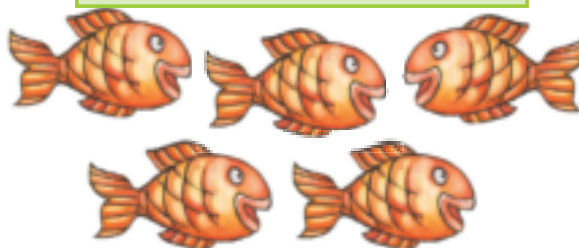




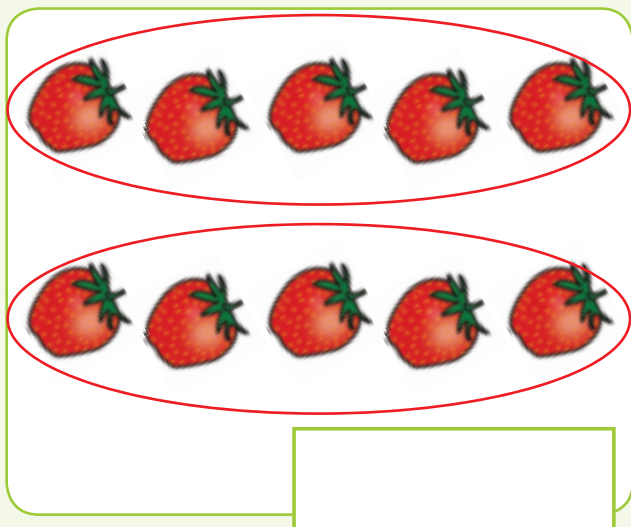
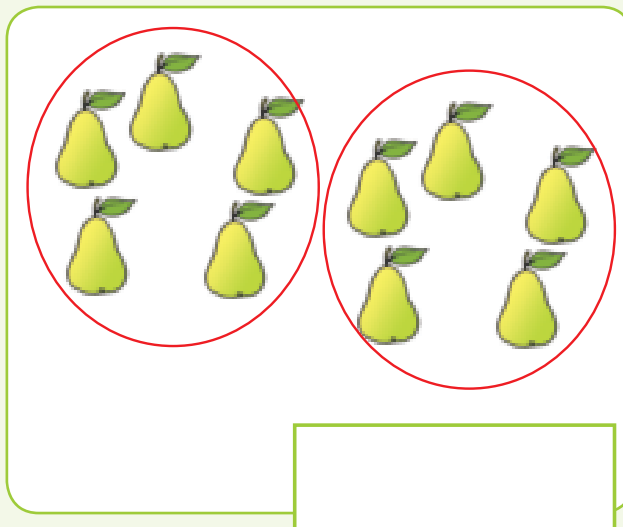
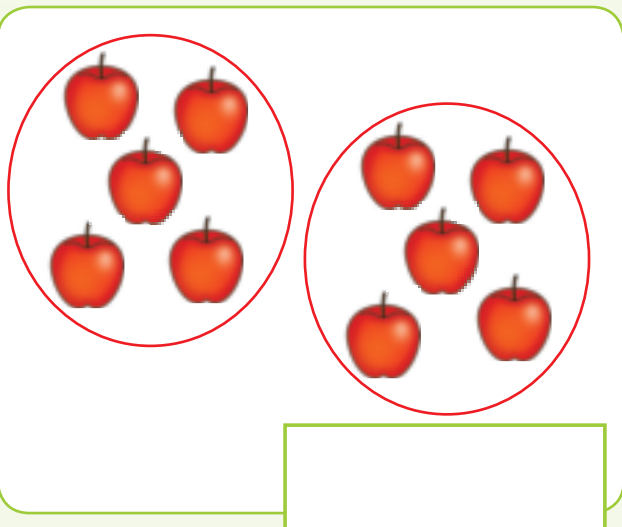
amabuthhelelo ama-2
wangaku-5



ibuthhelelo eli-1 langaku-5



Tlola isibalo salokhu okulandelako:



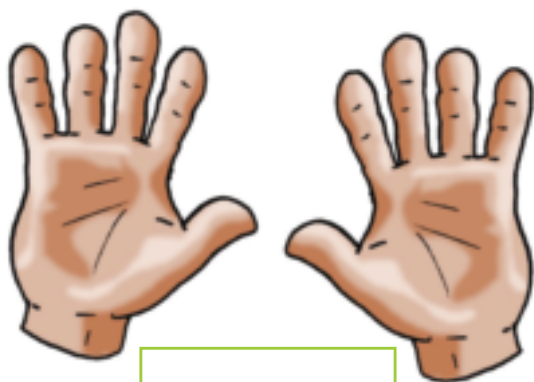
Teacher:
Sign:
Date:





Ukuhlanganisa okubuyelelweko kwangakuhlanu ukufika ku-10

Mimino emingaki nanyana mazwani amangaki?















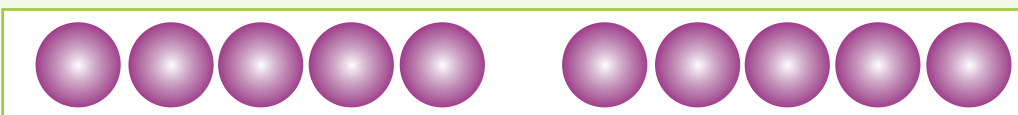


Gwala amajamo ukutjengisa okulandelako.

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



Tlola isibalo salokhu:



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

Isibalo:



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

Isibalo:



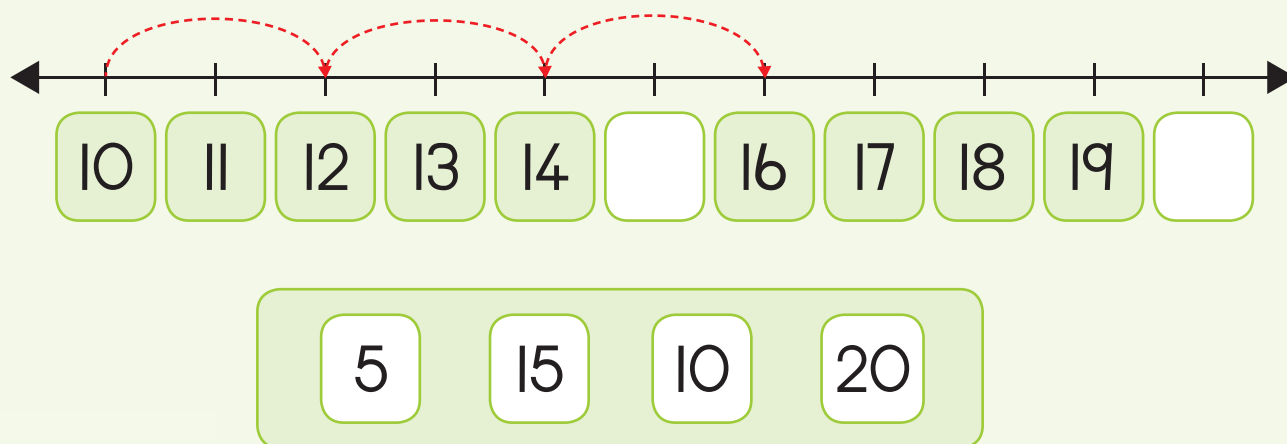
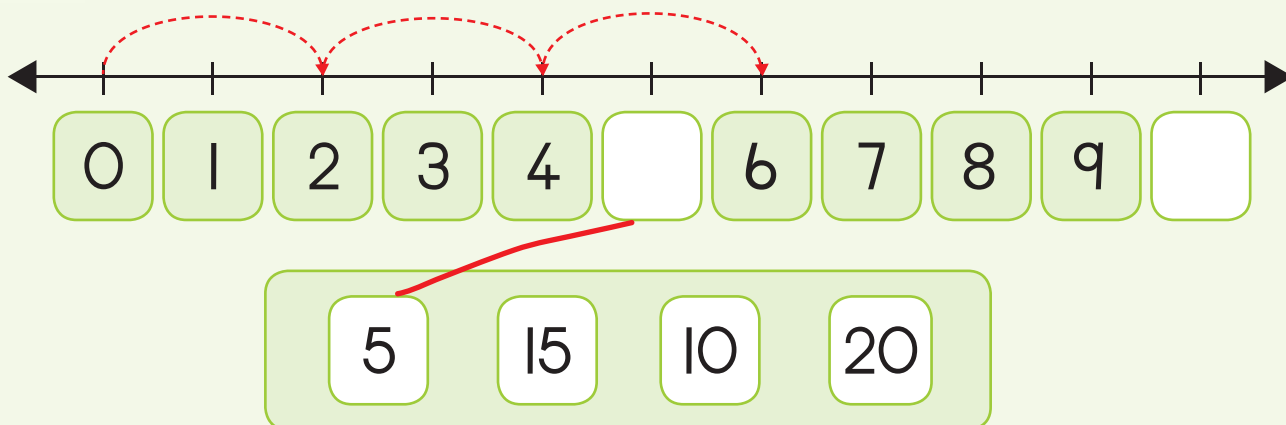
Teacher:
Sign:
Date:





Amaphetheni amahlanu ukufika ku-20

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



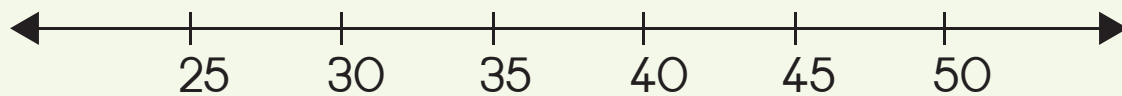
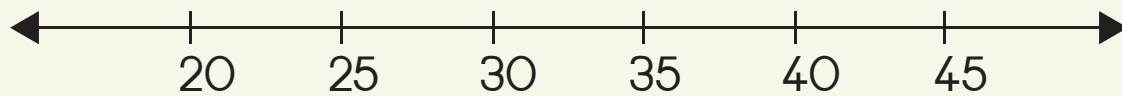
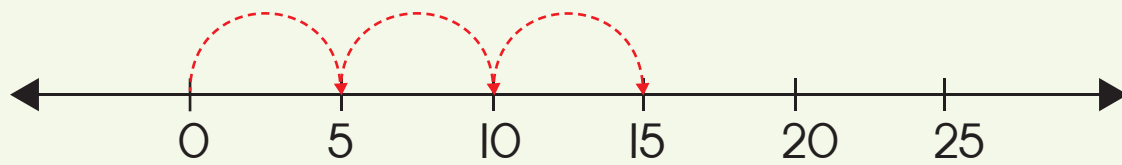
Qedelela iphetheni ngokukhalara iinomboro.

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





Gwala imeqo ukutjengisa okulandelako:



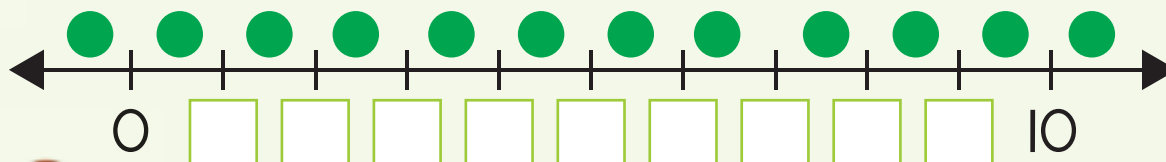
Teacher: _____
Sign: _____
Date: _____





Amaphetheni wangamatjhumu

Qedelela ngenomboro etlhayelako.



Gwala imincamo eli-10 hlangua neengaba zokubala bese umadanisa inomboro nebhlogo elinembako.

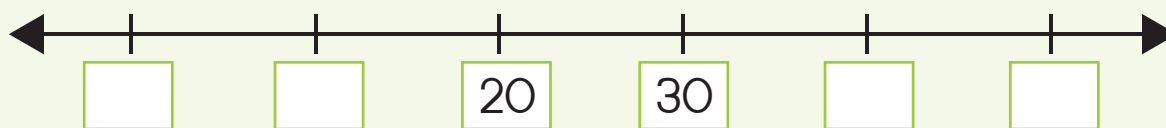


50 40 30 20



Qedelela inambalayini ngokukopela iinomboro ezinikelweko endaweni ezinembako.

50 30 10 0 50 20 40





Qedelela ibhodi yeenomboro ngokusebenzisa iinomboro ezikibosika.

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



Teacher:
Sign:
Date:



60a

Ithemu 2



Iinomboro nemali

Madanisa inani kanye nemali.

R100		
R20		
R10		
5 ^c		
R50		
50 ^c		
R5		
R1		



Imali: yamaphepha neyeenhlavu

Ndulungela imali yamaphepha/yesimbi enobungako obuphezulu.



R100



R50



R10



R1



R5



R10



R1



50c



5c



R20



R5



R10



Teacher:
Sign:

Date:



60b

Ithemu 2



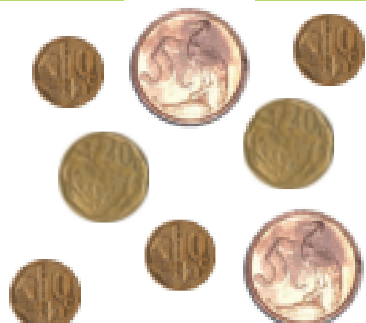
Iinomboro nemali (kuragela phambili)

Ndulungela:

yoke imali yesimbi ema-5c



yoke imali yesimbi ema-10c



yoke imali yesimbi ema-20c



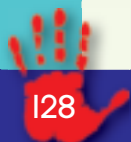
Ndulungela:

Eliphepha ema-R10



Ndulungela:

Imali eliphepha ema-R20



128

1 2 3 4 5 6 7 8 9 10



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



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



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Date:



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Ithemu 2



Imali netjhentjhi

Gwala imali yehlavu ezokunikela inani:

a.

10c



5c

b.

20c

c.

15c



130





Hlanganisa imali yesimbi. Khalara ipendulo enembako.

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



Nginalokhu okulandelako ngebhangeni lami lefarigana. Ngikuphi engingakuthenga?
Gwala nanyana unamathisele ebhlogweni.

 R1	 R2
 R5	 R10



Teacher: _____
Sign: _____
Date: _____





Okhunye mayelama nemali kanye netjhentjhi

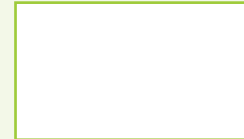
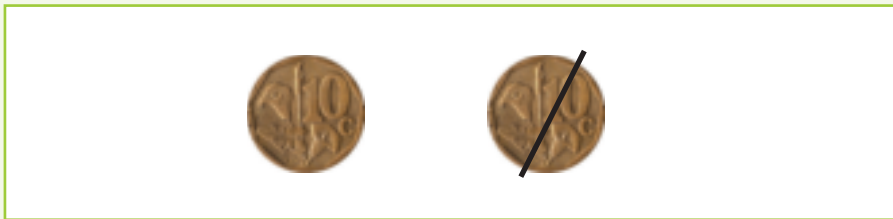
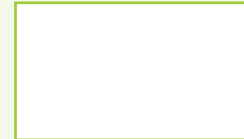
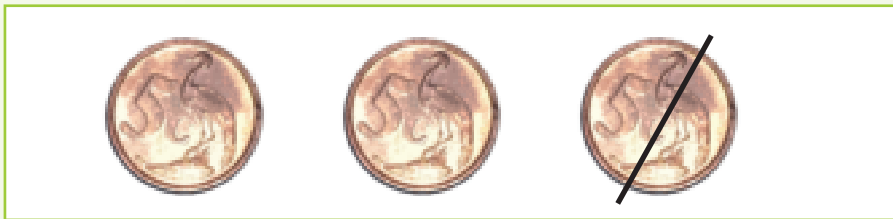
Khupha imali eyodwa yesimbi eyi-5c. Usele ngamalini?



5c



Kusele okungangani?

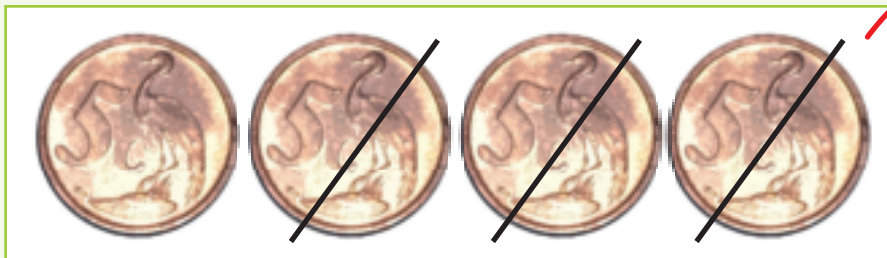




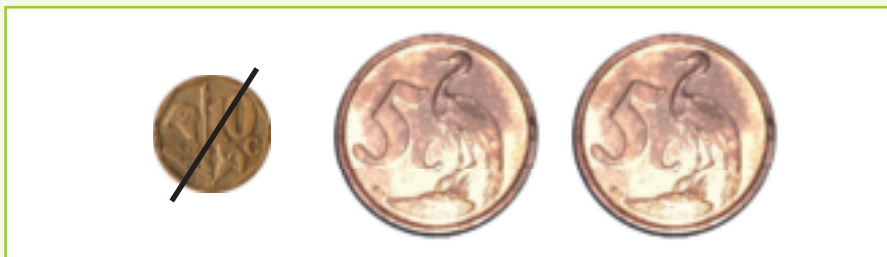
Kusele okungangani? Madanisa okulandelako.



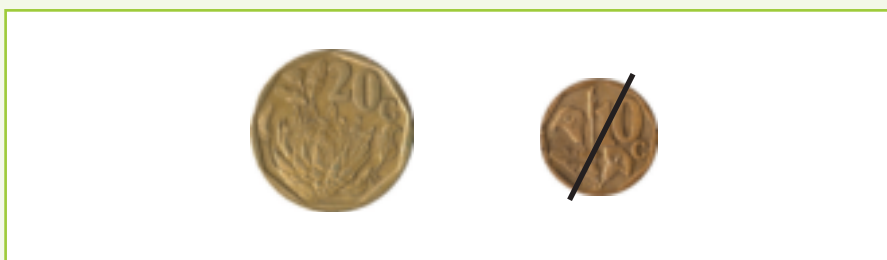
5c



20c



15c



10c

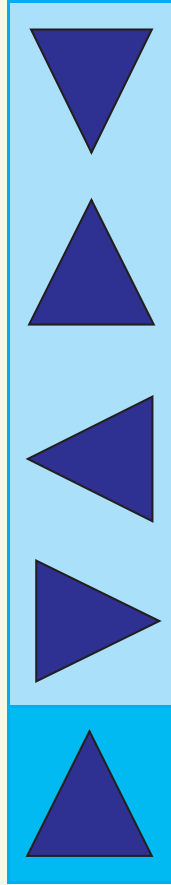
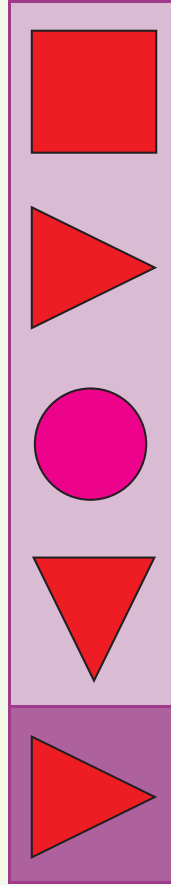
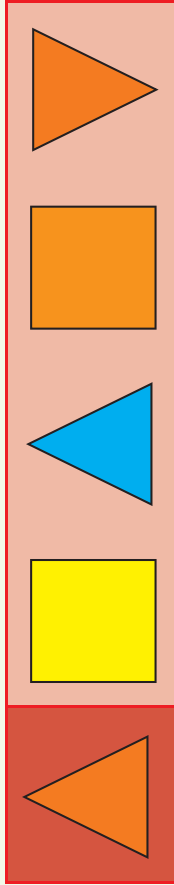
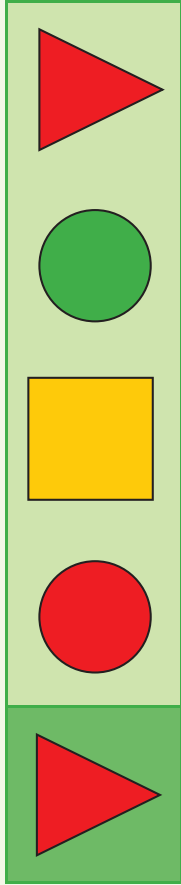
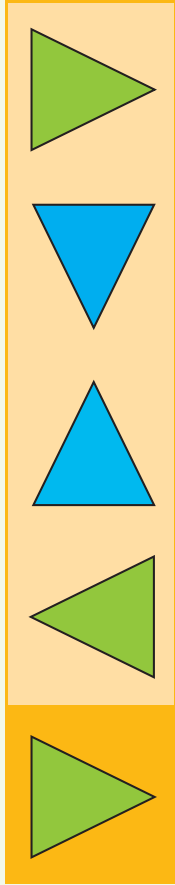
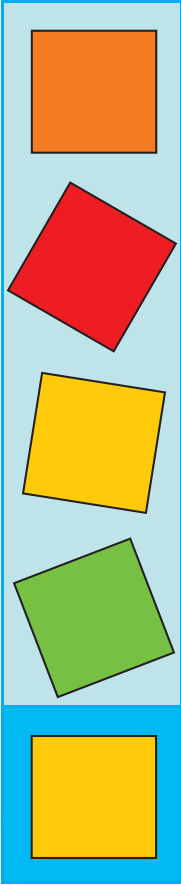


Teacher:
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Date:



Ambumbeko, ukuqaleka nobujamo

Thola bewundlungele ibumbeko elinobujamo obuqaleka njengobujamo obungaphakathi kwebhoksi lokuthoma.



Ndulungela ipendulo enembako.

1	2	3	4	5

Ngijiphi inyamazana engaphambi kwendlovu?

Ngijiphi inyamazana engemuva kwenja?

Ngijiphi inyamazana ehlangana kwedube kanye nenja?

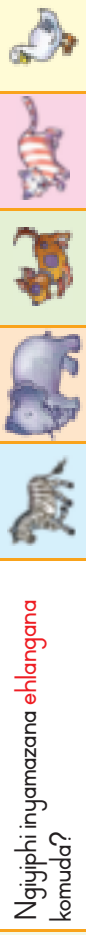
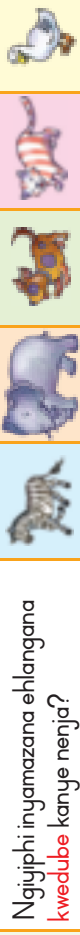
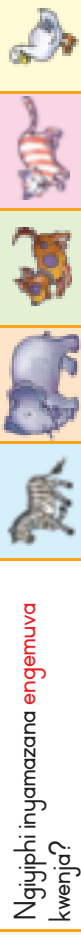
Nangabeinja itjhidela phambili, izokutjhayisana nayiphi inyamazana?

Nangabe indlovu itjhidela emuva, izokutjhayisana nayiphi inyamazana?

Ngijiphi inyamazana ehlangana komuda?

Ngijiphi inyamazana ephakathi komuda?

Ngijiphi inyamazana ephakathi komuda?

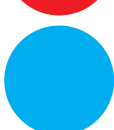
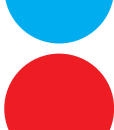
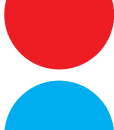
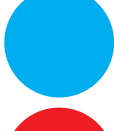
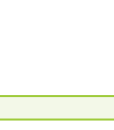
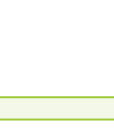
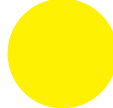
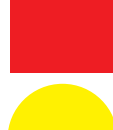
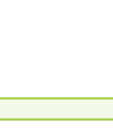
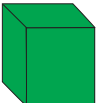
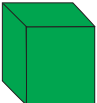


Teacher: _____
Sign: _____
Date: _____



Amajamo anamaphetheni wejiyomethri

Yelula iphetheni ngejamo elilodwa nanyana amajamo amanengi.



Yelula iphetheni ngejamo elilodwa nanyana amajamo amanengi.



Teacher: _____
Sign: _____
Date: _____



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

Imibala namabumbeko.

Khalara amaskwere ngombala obomvu



Khalara amasekeji ngombala ohlaza kwesibhakabhaka



Khalara aboncantathu ngombala ohlaza kotjani



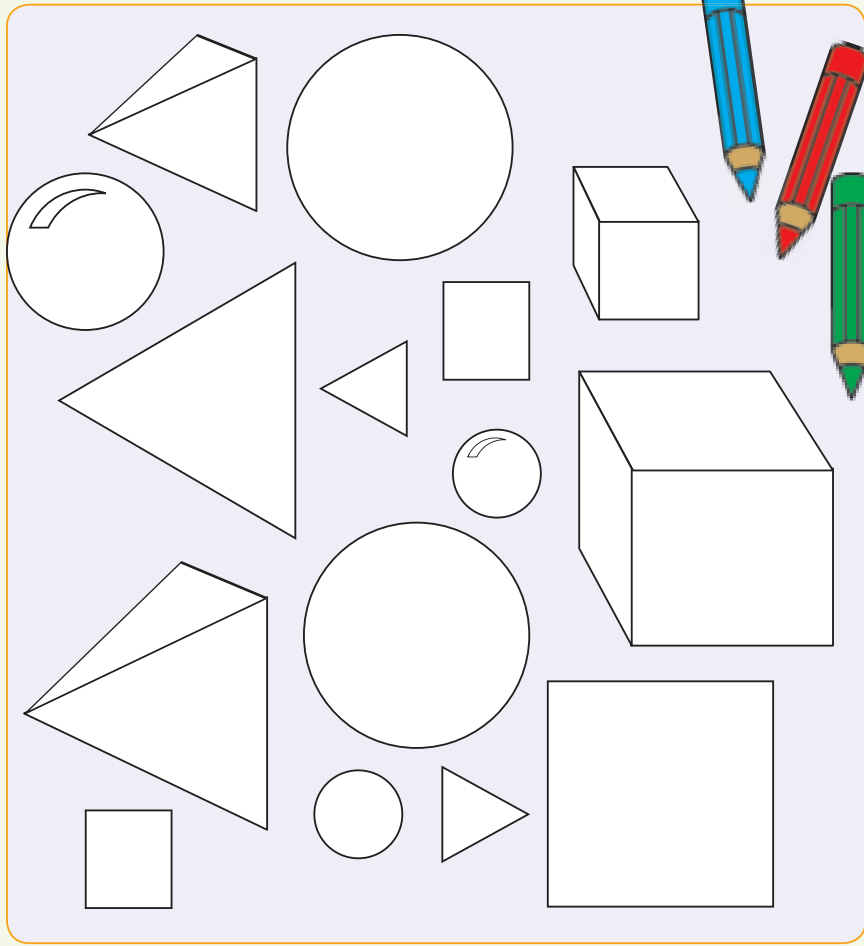
Khalara amakhyubhu ngombala osarulana



Khalara ingcenge ngombala ophephuli



Khalara amaphrizima ngombala osalamune



Amajamo kanye nezinto eziqinileko

Ndulungela ubujamo.



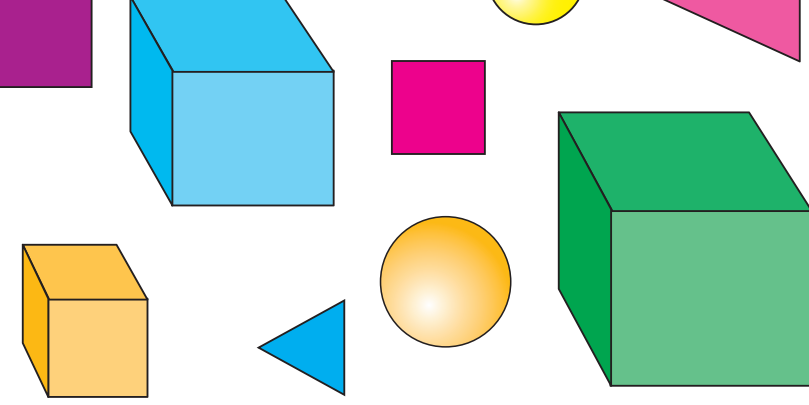
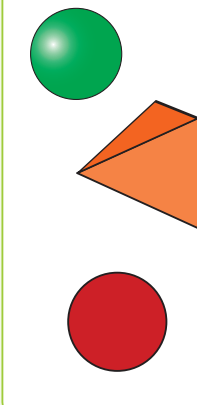
Ndulungela lokhu ngombala obomvu



Ndulungela lokhu ngombala ohlaza kwesibhakabhaka



Khalara lokhu ngombala ohlaza kotjani

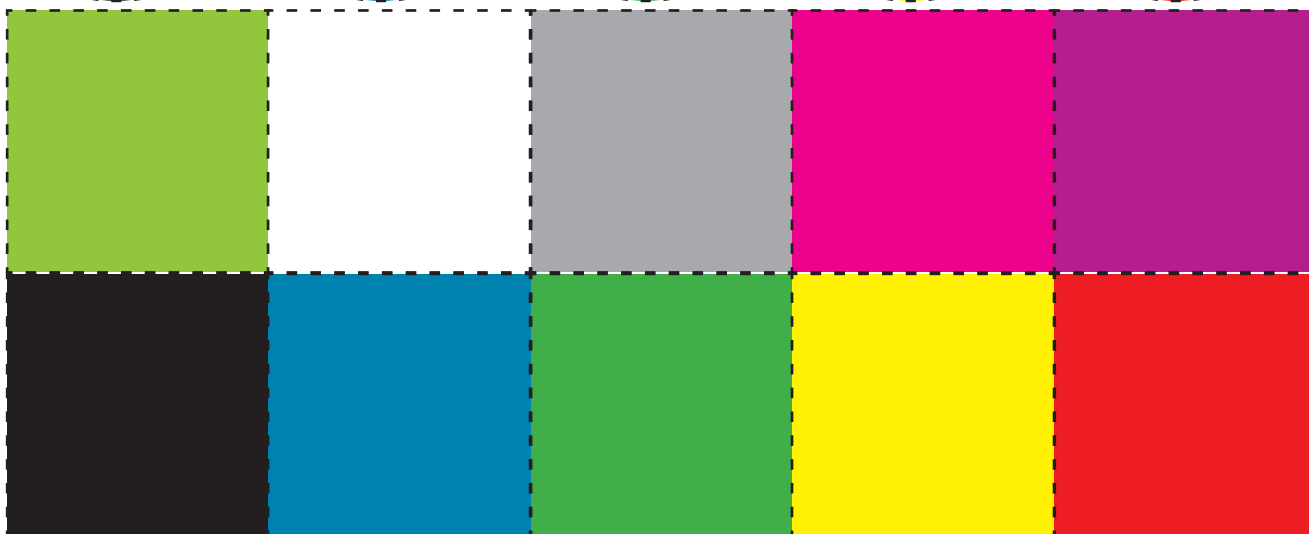
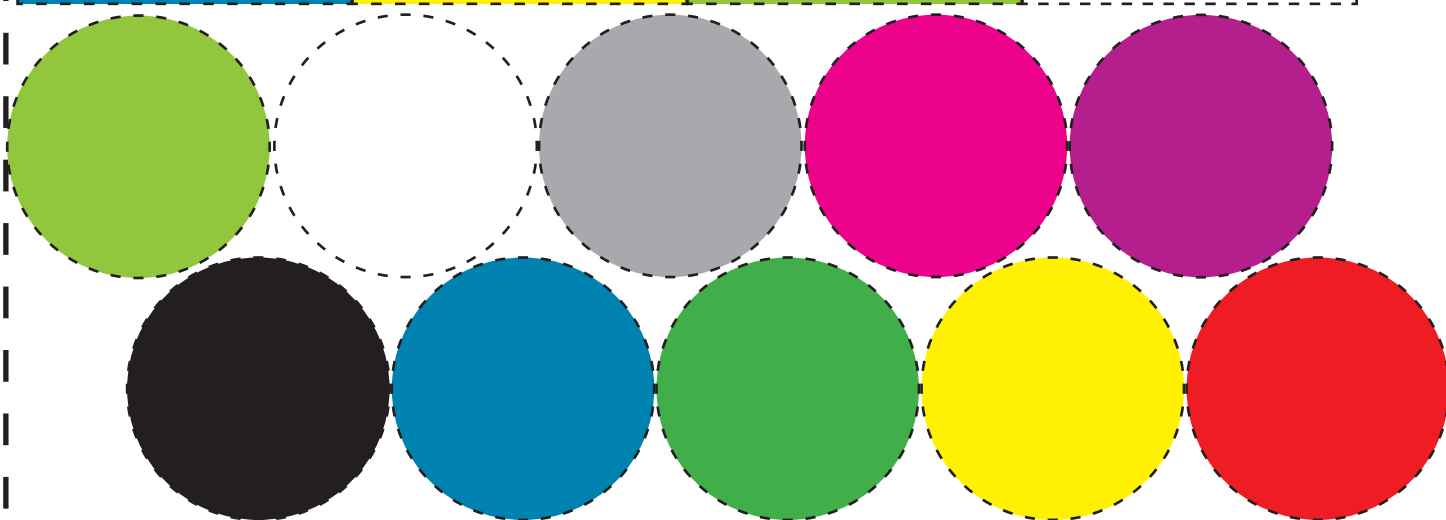
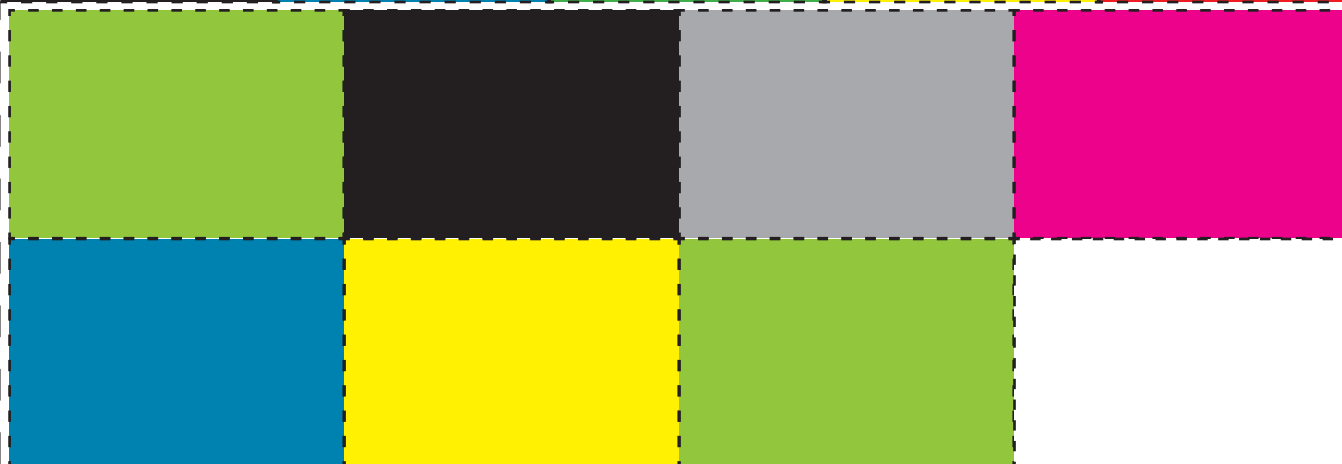
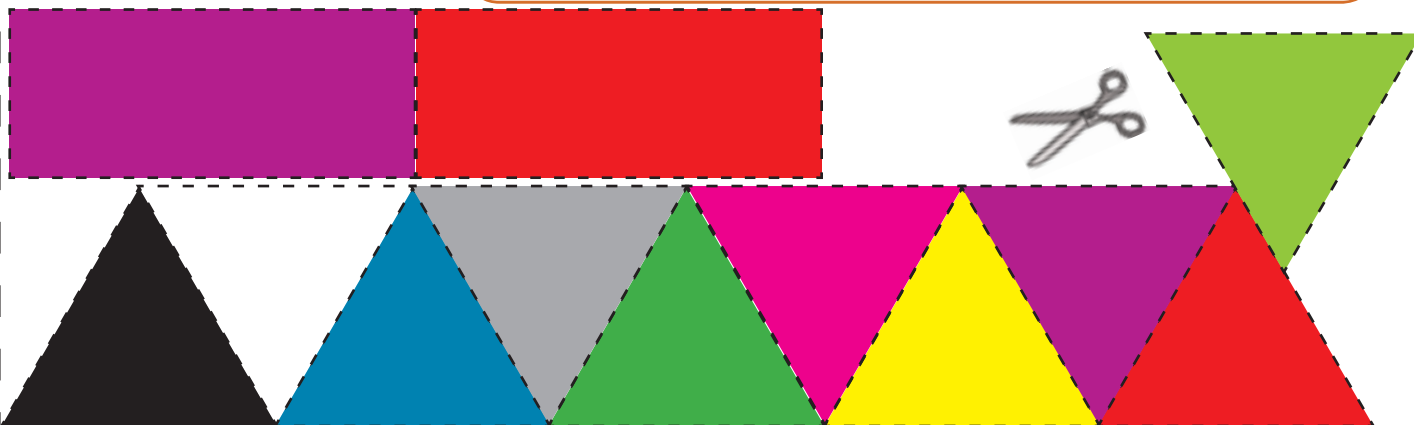


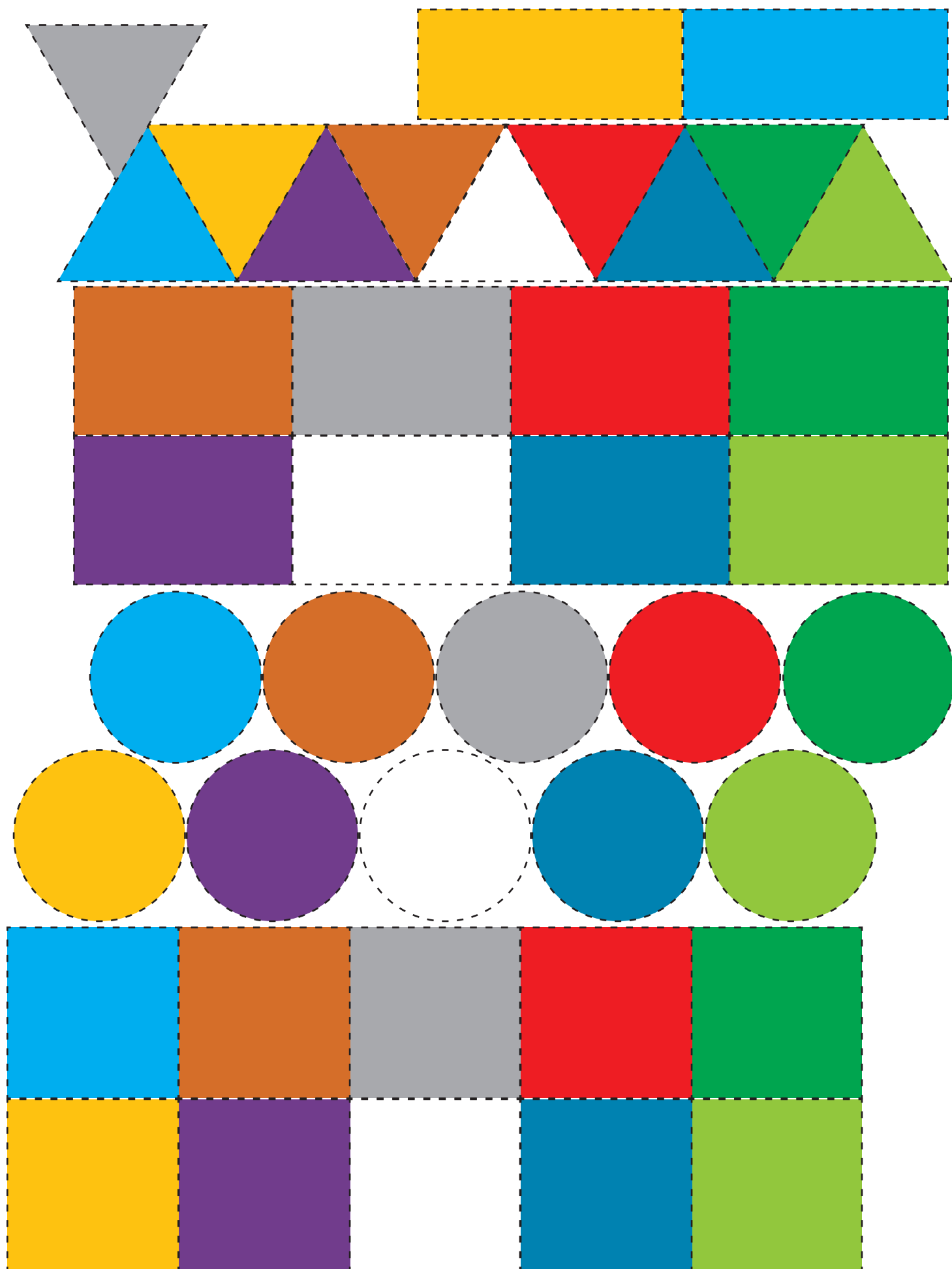
Teacher: _____
Sign: _____
Date: _____

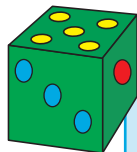


Shapes:

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.

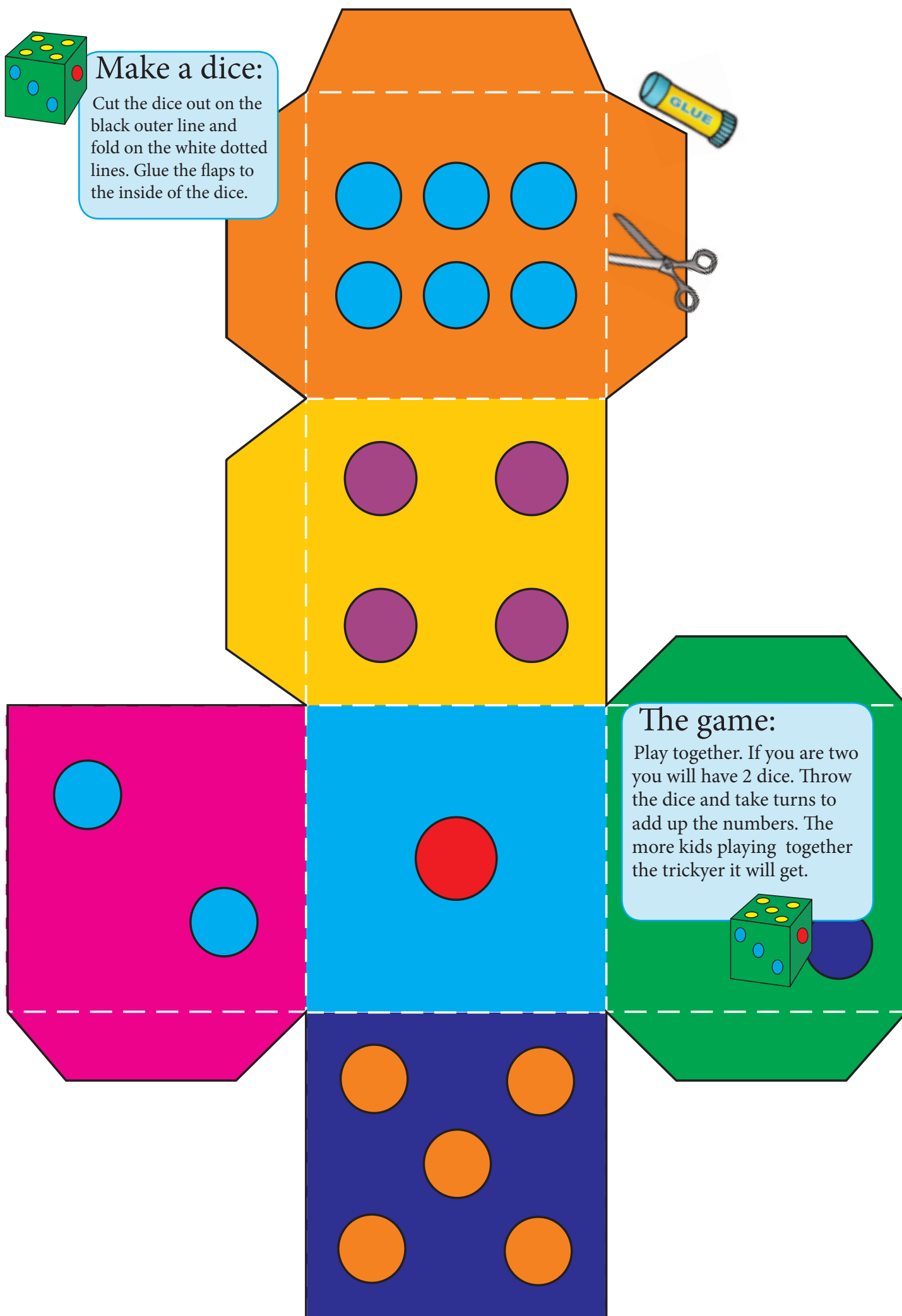






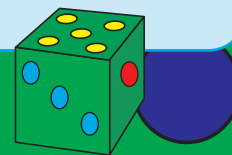
Make a dice:

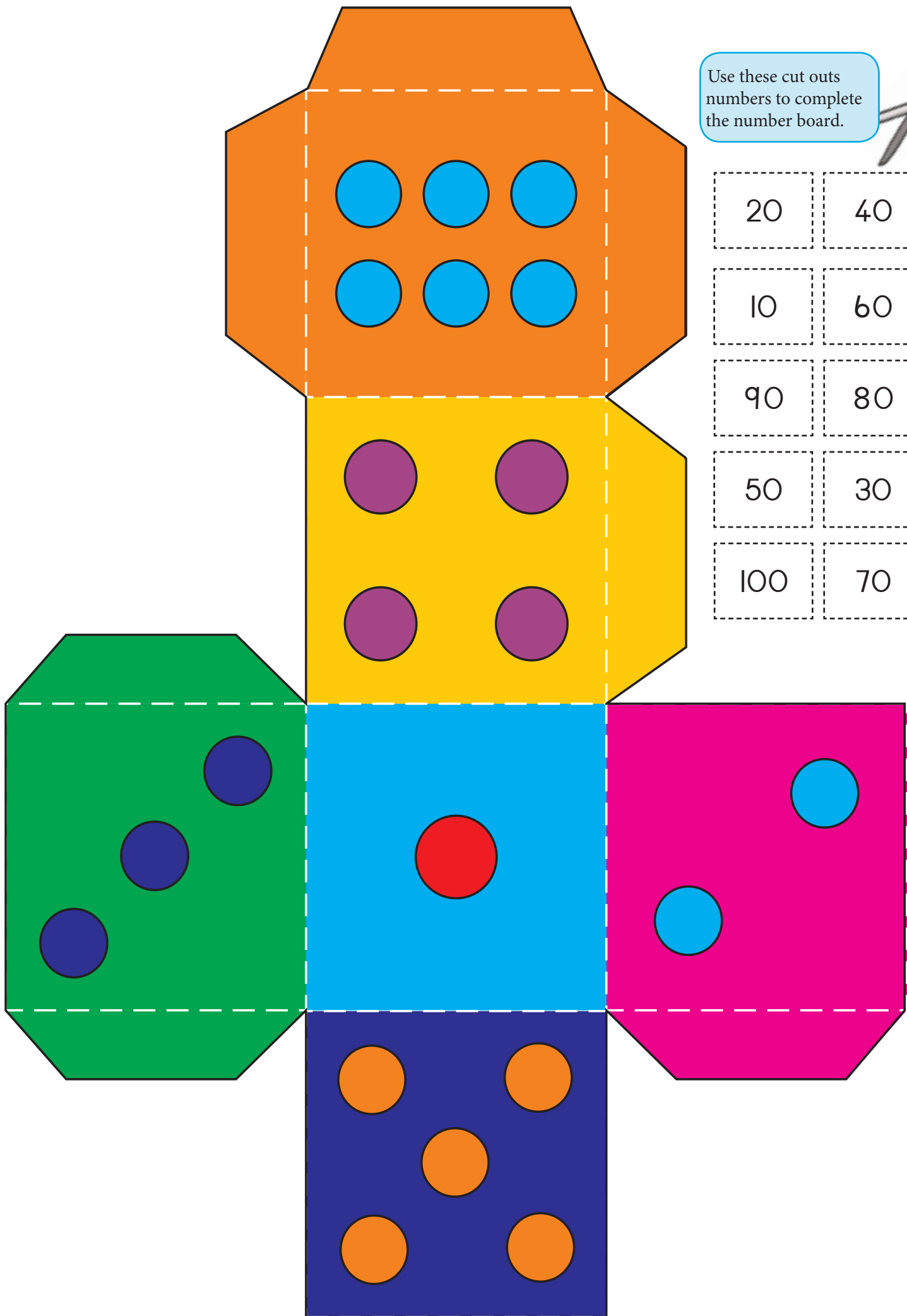
Cut the dice out on the black outer line and fold on the white dotted lines. Glue the flaps to the inside of the dice.



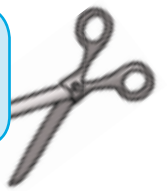
The game:

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