

Ku dyondza hi Vumbiwa ra Riphabili ra Afrika-Dzonga (1996)

Vumbiwa ra Afrika-Dzonga (1996) ri na milawu ya le henhla ya tiko. Milawu leyi yi le henhla ku tlula na puresidente, yi le henhla ku tlula tihuvo na ku tlula mfumo. Yi hlamusela ndlela leyi vanhu va tiko va faneleke ku khomana hiyona, timfanelo na vutihlamuleri bya vona eka vanhu van'wana. Vumbiwa ra Tiko ri kona leswaku ri kota ku sirhelela hinkwerhu ka hina sweswi na vana va hina eka minkarhi leyi taka.

Lemuka matimu ya hina.

Hi nga vuyeleli swihoxo swa nkarhi lowu nga hundza.

Vumbiwa ra hina ri hi pfuna ku anaka nya no aka vumundzu ku byo antswa bya vanhu hinkwavo.

Hina, vanhu va Afrika-Dzonga,

Hi lemuka ku kala vululami ka nkarhi lowu hundzeke evuton'wini bya hina;

Hi xixima lava va xanisekeke hikwalaho ko hisekela vululami na ntshunxeko etikweni rerhu;

Hi hlonipha lava va tirheke ku aka no hluvukisa tiko ra hina; naswona

Hi tshemba leswaku Afrika-Dzonga i ra hinkwavo lava tshamaka eka rona, hi hlanganile hi ku hambana-hambana ka hina.

Kutani, hi ku tirhisa vayimeri va hina lava hi tihlawuleleke vona hi ntshunxekile, hi amukela Vumbiwa leri tanihi nawu lowu kulukumba wa Riphabliki ku endlela—

Ku lulamisa ku hambanisiwa ka nkarhi lowu hundzeke no vumba rixaka leri simekiweke ehenhla ka masungulo ya swipimelo swa xidemokhirasi, vululami exikarhi ka vanhu na timfanelo ta ximunhu ta masungulo;

Ku simeka masungulo ya rixaka ra xidemokhirasi leri vekaka swilo erivaleni laha eka rona mfumo wu simekiweke ehenhla ka ku navela ka vanhu naswona vaaka-tiko hinkwavo va sirheleriwile hi ku ringana hi nawu;

Ku antswisa xiyimo xa vutomi bya vaaka-tiko hinkwavo no humesela erivaleni vuswikoti bya munhu un'wana na un'wana na;

Ku aka Afrika-Dzonga leri vumbaneke ra xidemokhirasi leri ri kotaka ku teka vutshamo bya rona lebyi faneleke tanihi tiko leri tiyimeleke endyangwini wa tinxaka.

Lava timfanelo ta wena tanihi Muafrika-Dzonga u tlhela u va na vutihlamule ri byo sirhelela timfanelo ta vanhu van'wana.

Tiva Nawumbisi wa timfanelo ta wena & Nawumbisi wa Vutihlamuleri.

Xikwembu a xi sirhelele vanhu va hina.

Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.

God seën Suid-Afrika. God bless South Africa.

Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.



**MATHEMATICS IN XITSONGA
GRADE 1 – BOOK 1
TERMS 1 & 2**

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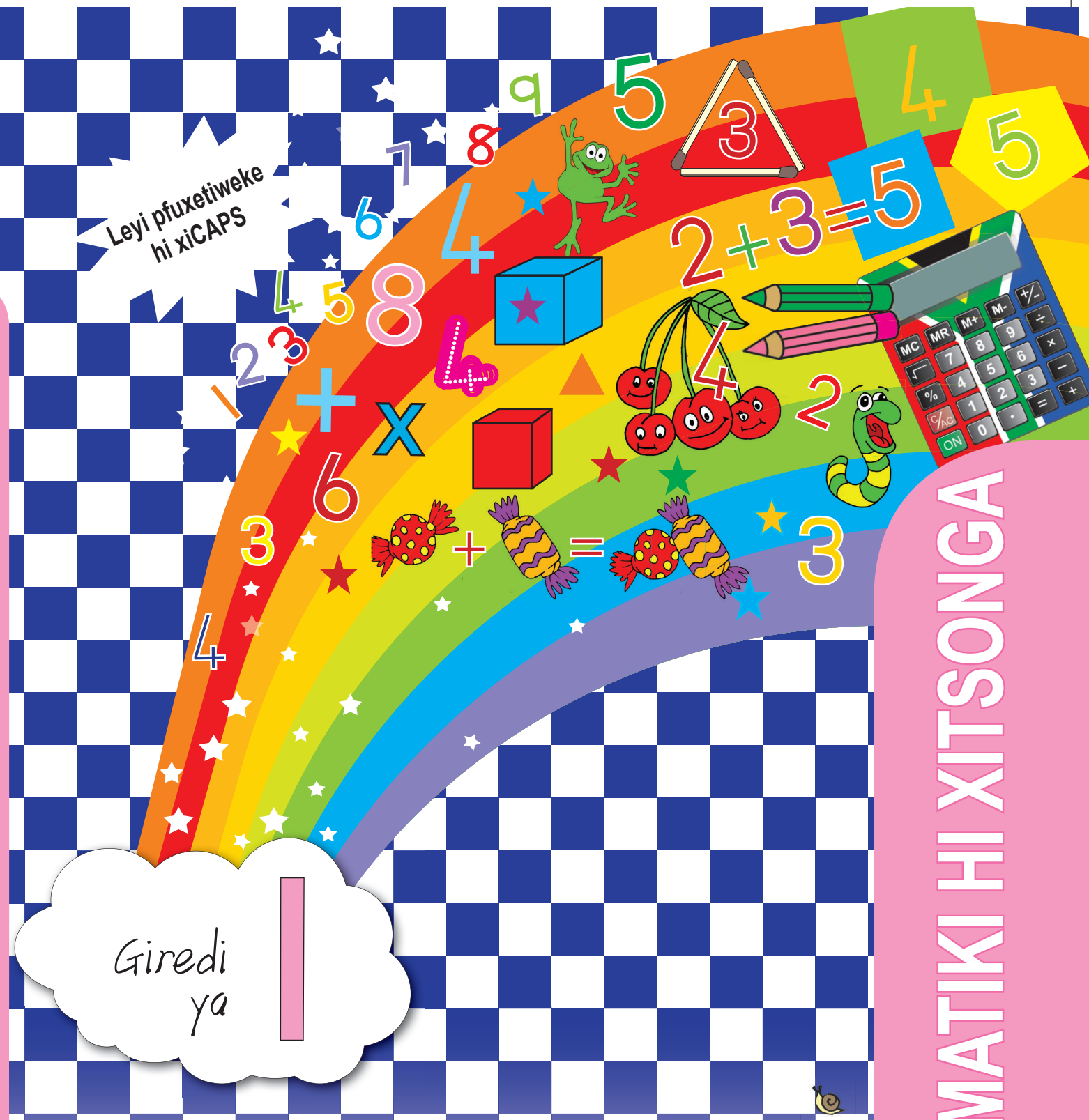
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Tikotara ta
I na 2

MATEMATIKI HI XITSONGA



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Manana Angie Motshekga,
Holobye wa Dyondzo ya
Masungulo



Dkd. Reginah Mhaule,
Xandla xa Holobye wa
Dyondzo ya Masungulo

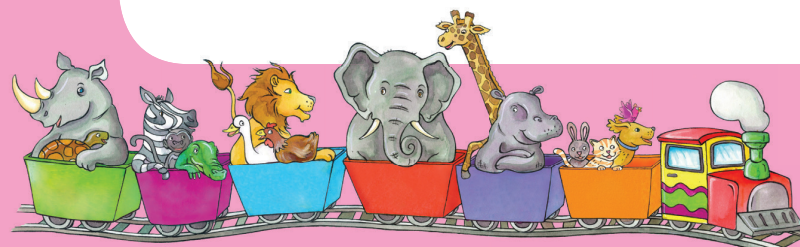
Tibuku leti to tirhela ti endleriwe vana va Afrika-Dzonga ehansi ka vurhangeri bya Holobye wa Dyondzo ya Masungulo, Manana Angie Motshekga, na Xandla xa Holobye wa Dyondzo ya Masungulo, Dkd. Reginah Mhaule.

Tibuku to tirhela ta Rainbow ti vumba xiyenge xin'wana xa ntlawa wa migingiriko ya Ndzawulo ya Dyondzo ya Masungulo leyi kongomisiweke eka ku antswisa matirhelo ya vadyondzi va Afrika-Dzonga eka tigiredi ta ntsevu to sungula. Tanihi xin'wana xa swilo leswi nga swirhangana eka nkunguhato wa matirhelo ya mfumo, phurojeke leyi yi humelerile hi ku seketeriwa hi timali hi Nkwama wa Timali ta Tiko. Leswi swi endlile leswaku Ndzawulo yi swi kota ku endla leswaku tibuku leti to tirhela, ti kumeka hi tindzimi hinkwato ta ximfumo handle ko hakeleriwa.

Hi tshemba leswaku tibuku leti ti ta pfuna vadyondzisi eka migingiriko ya vona yo dyondzisa ya masiku hinkwawo no tiyisisa leswaku vadyondzi va vona va kota ku heta kharikhulamu. Hi tiyisisa leswaku hi letela mudyondzisi eka ngingiriko wun'wana na wun'wana hi ku katsa mifungo leyi kombisaka leswi mudyondzi a faneleke ku endla swona.

Hi ni ntshembo wa leswaku vana va ta tiphina no tsakela ku tirha migingiriko leyi nga ebukwini loko va ri karhi va ya emahlweni no dyondza, na leswaku wena, mudyondzisi, u ta tsaka swin'we na vona.

Hi mi navelela ku humelela, wena na vadyondzi va wena eku tirhiseni tibuku leti to tirhela.



Giredi
ya



Matematiiki

HI XITSONGA

XITSONGA

Buku ya



Buku leyi i ya:

—



Mpfuxeto: Ku landzelerisa no yelanisa

Pfuna nhwanyana ku kuma switlangiso swa yena.

SUNGULA



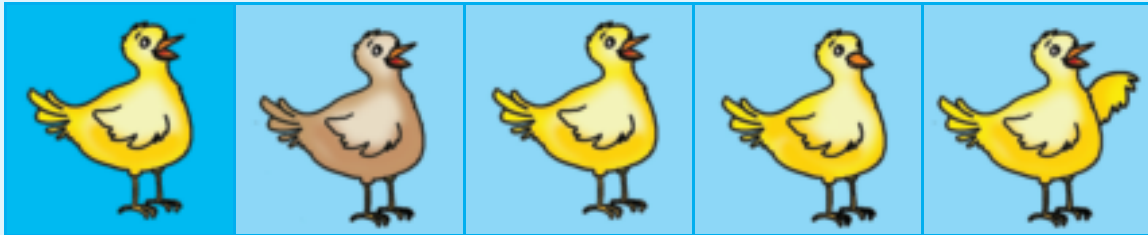
HETA





Ku yelanisa

Lava xifaniso lexi fanaka na lexi nga ebokisini ro sungula.

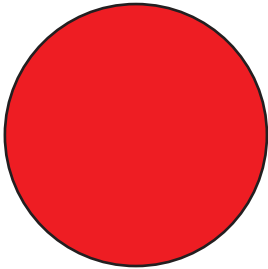
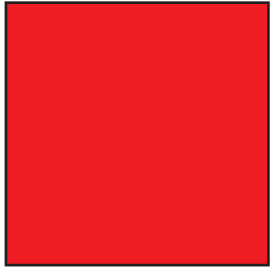
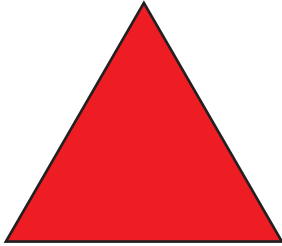
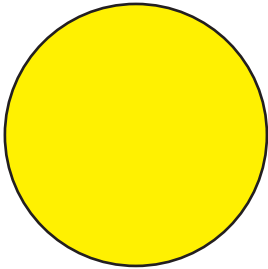
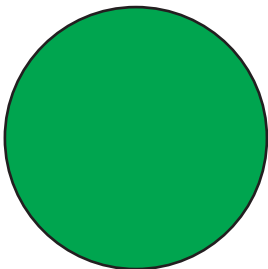
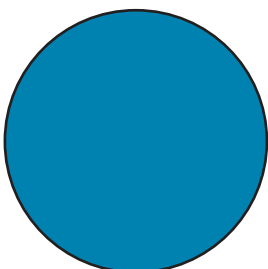


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Ku hlawula mihlovo



Veka swivumbeko ku ya hi mihlovo ya swona emabokisini.
 Rixaxa rin'wana na rin'wana ri fanele ku va na muhlovo wa xivumbeko xo sungula.
 Hi ku endlerile xivumbeko xo tshwuka tanihi xikombiso.
 Boxa muhlovo wa leswi nga xivumbeko xin'wana na xin'wana.
 Tirhisa switsemiwa emakumu ka buku.

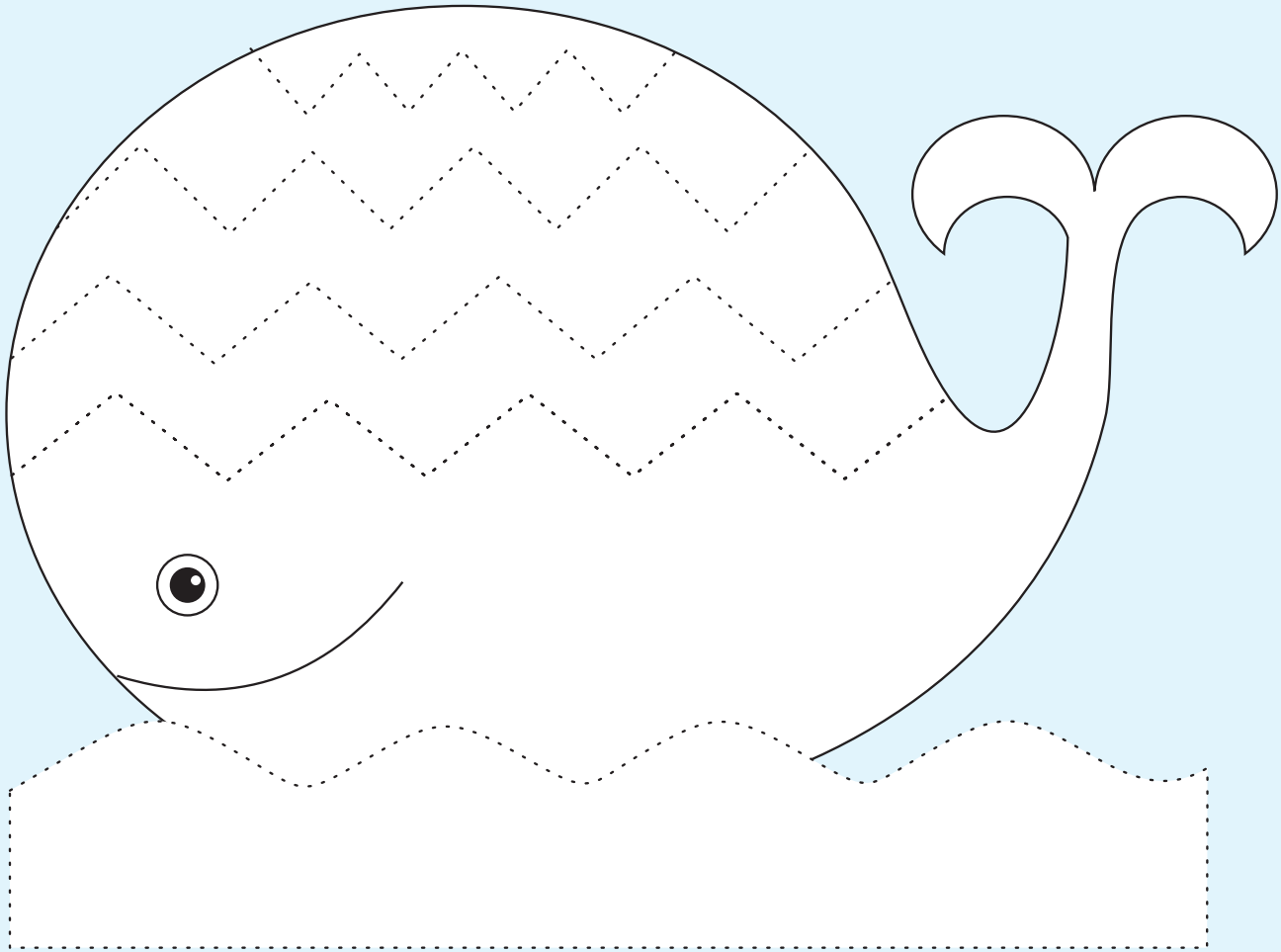
		
		
		
		





Tipatironi

Landzelerisa mintila ya mathonsi ku hetisa patironi ya nkavangaheti.

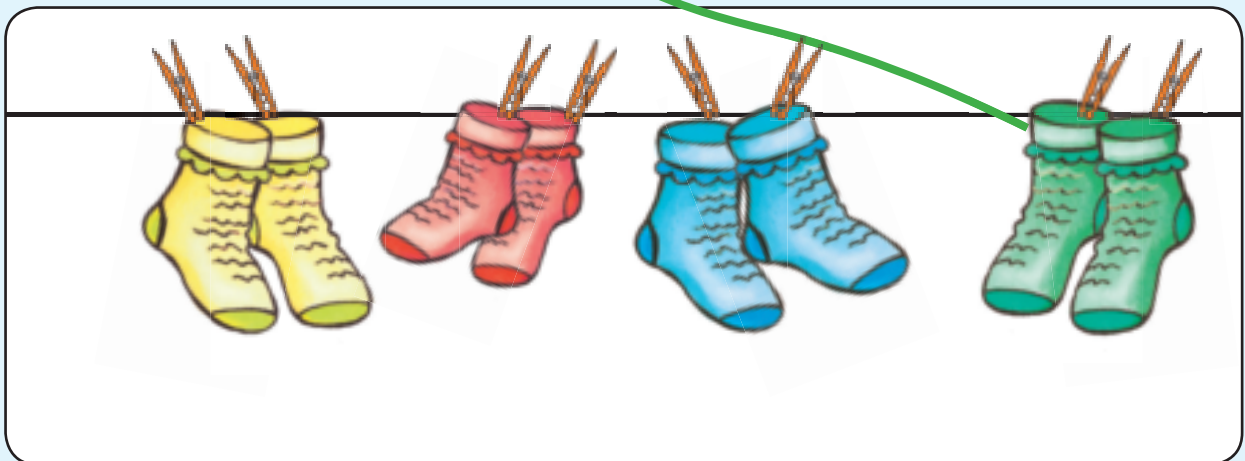
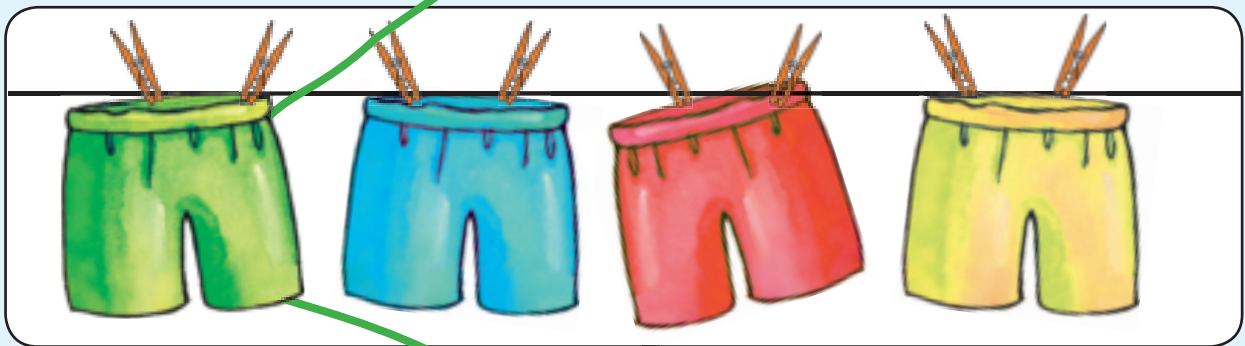
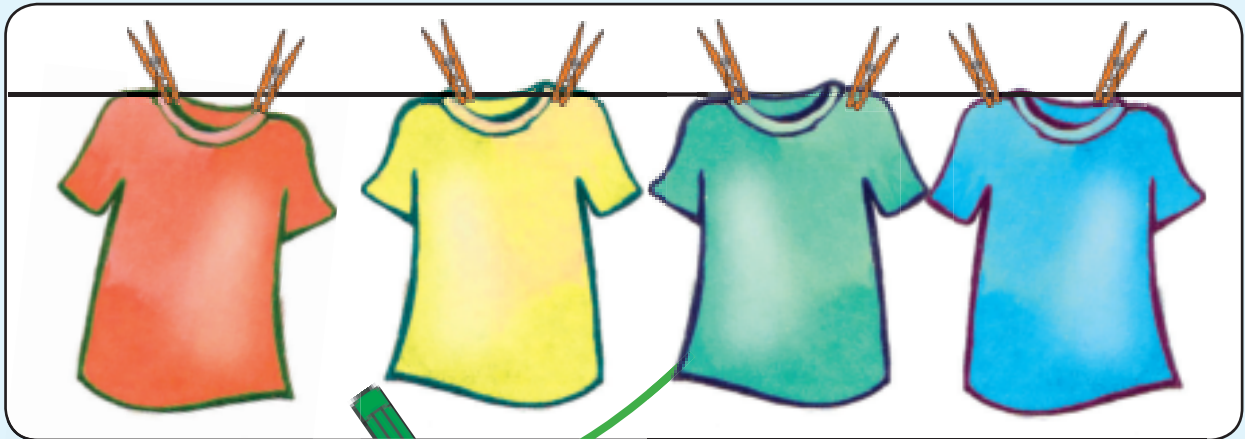


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Mpfuxeto: Mihlovo na tipatironi

Dirowa ntila ku yelanisa mpahla ya muhlovo wun'we.





Rhanga hi ku landzelerisa tipatironi ta mitila leyi tsemekaka hi rintiho ra wena kutani u tirhisa khirayoni kumbe penisele ya wena. Endzhaku kopunula tipatironi letitsongo leti sunguriweke eximatsini. Patironi yo sungula hi yona yi nga ta ku letela nkarhi hinkwawo.



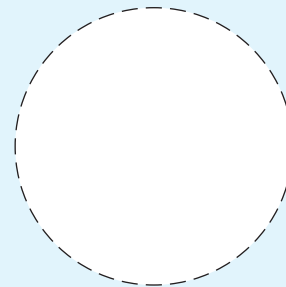
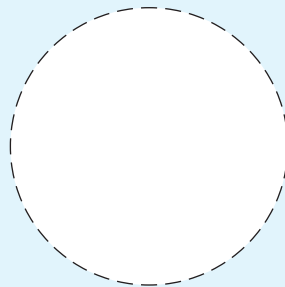
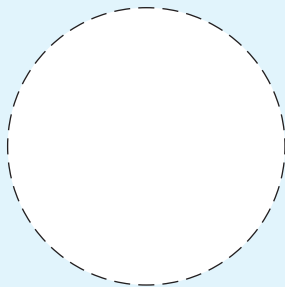
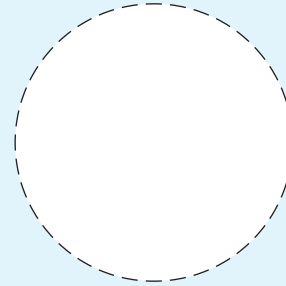
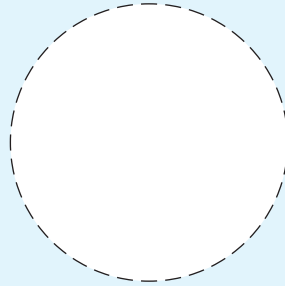
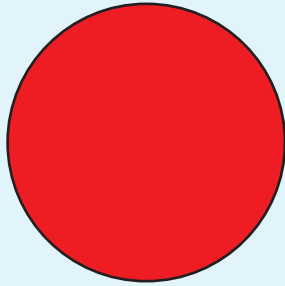
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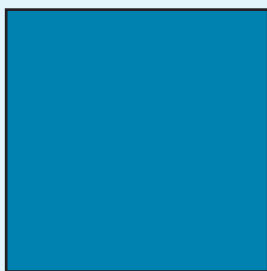
Mpfuxeto: Ku hlawula no yelanisa swivumbeko



Lava swirhendzevutana leswi tsemiweke emakumu ka buku kutani u swi ngenisa eswivandleni leswi.

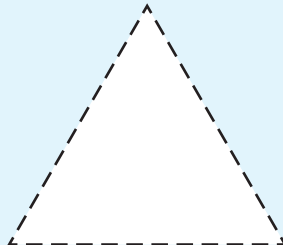
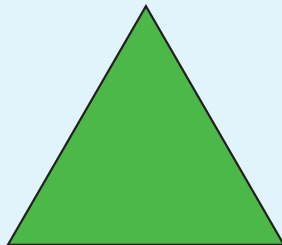


Lava swikwere
leswi tsemiweke
kutani u swi
ngenisisa
eswivandleni leswi.

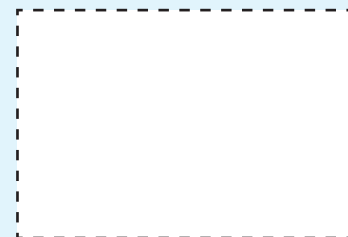
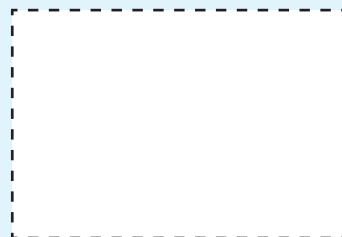
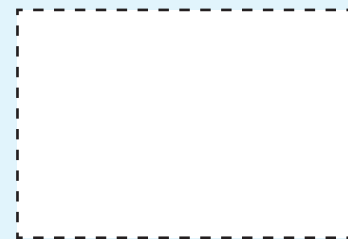
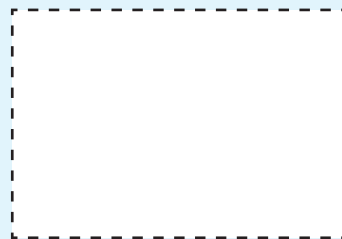
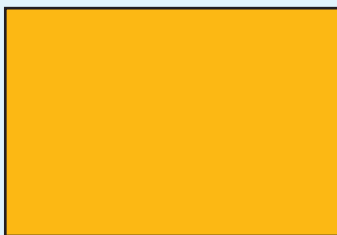




Lava tiyinhlanharhu
leti tsemiweke kutani u
ti nghenisa eswivandleni
leswi.



Lava tiyinhlamune leti
tsemiweke kutani u
nghenisa eswivandleni leswi.



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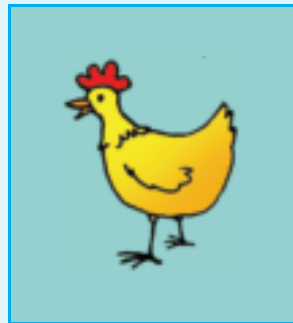
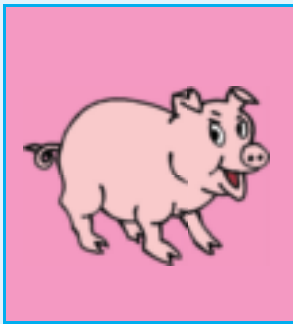
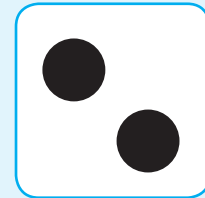


Mpfuxeto: Lava u tlhela u hlayela

Languta swifaniso leswi swa swifuwo.

Kutani hlayela nhlayo ya rixaka rin'wana na rin'wana ra xifuwo kutani u dirowa nhlayo yo ringana ya tidoto eka buloko leji faneleke eka pheji leji landzelaka. Hi ku endlerile ya swimanga.





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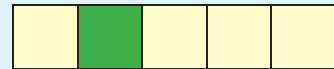


Mpfuxeto: Swiyimo

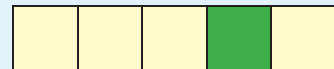
Tsala xirhendzevutana eka xiharhi lexi nga erixaxeni ku kombeta leswaku xi le ka xiyimo lexi fanaka na xa buloko leyi khalaria weke hi rihlaza erixaxeni. Hi ku endlele xo sungula leswaku u kota ku swi vona.



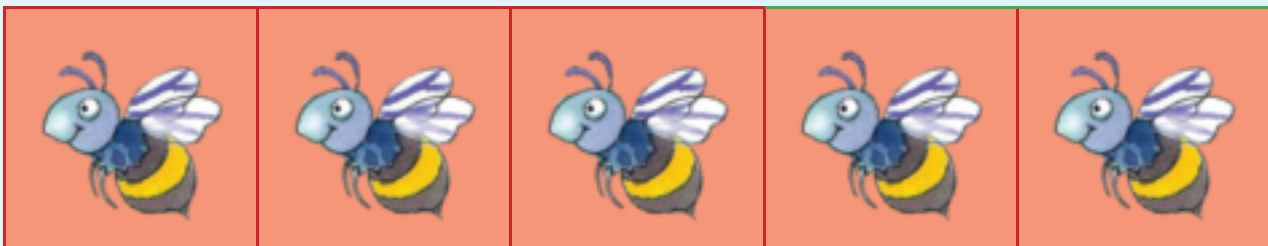
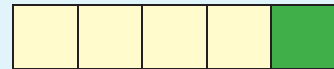
Bana xirhendzevutana eka xiharhi lexi nga eka xiyimo lexi eka rixaxa leri nga laha hansi.



Bana xirhendzevutana eka xiharhi lexi nga eka xiyimo lexi eka rixaxa leri nga laha hansi.

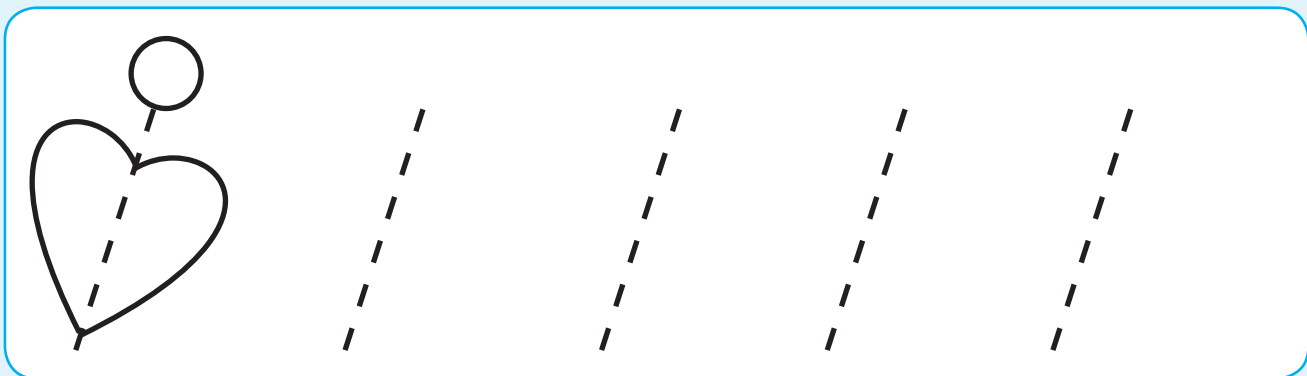
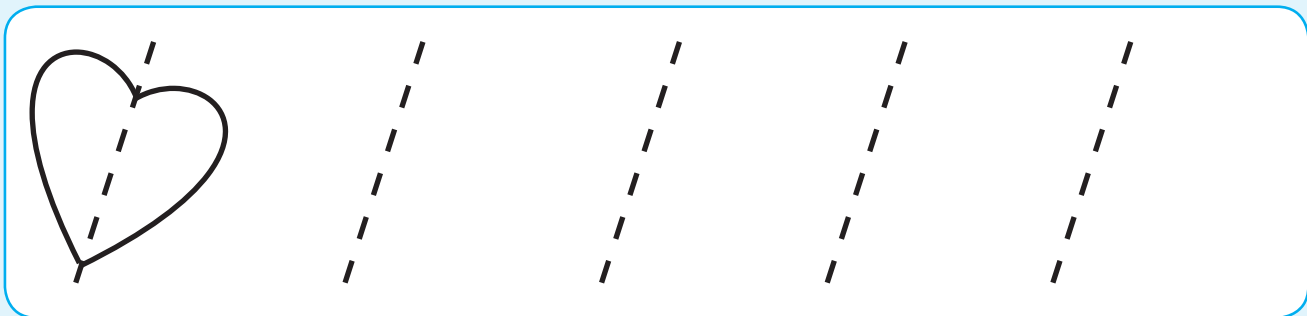
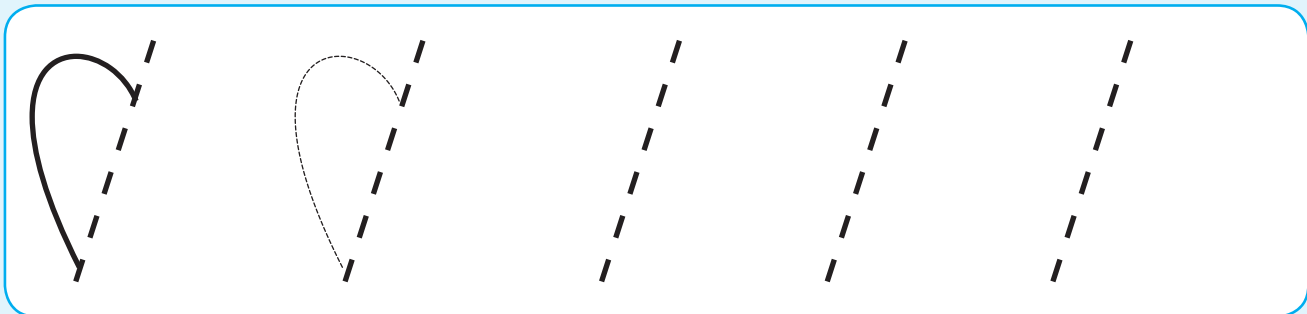
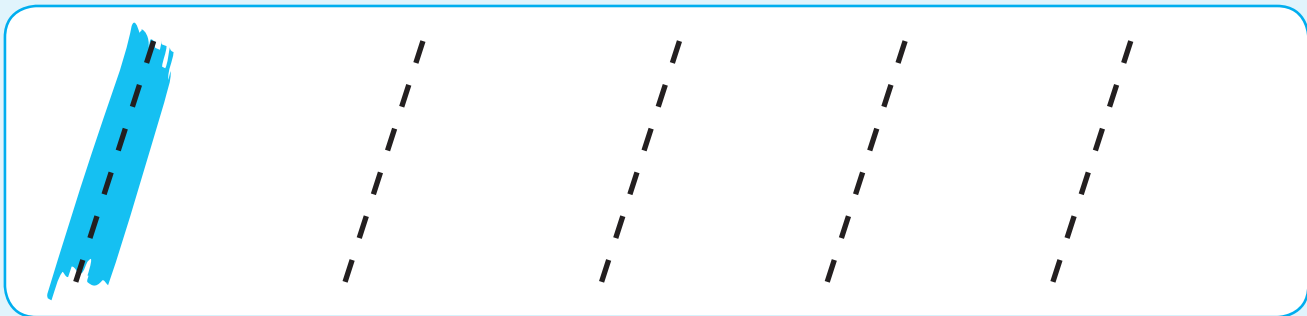


Bana xirhendzevutana eka xiharhi lexi nga eka xiyimo lexi eka rixaxa leri nga laha hansi.





Rhanga hi ku landzelerisa tipatironi hi rintiho ra wena kutani u tirhisa khirayoni kumbe penisele ya wena. Patironi yo sungula erixaxeni hi yona yi nga ta ku letela nkarhi hinkwawo.



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Mpfuxeto: Nkarhi

Languta swifaniso kutani u vula leswaku hi xihile lexi tekaka nkarhi wo leha (✓) na lexi tekaka nkarhi lowutsongo (✗). Gwajula (✓) lexi tekaka nkarhi wo leha. Bana xihambano (✗) eka lexi tekaka nkarhi lowutsongo.



Ku ya exikolweni
hi milenge.



Ku ya
exikolweni hi movha.



Ku endla
sangweji.



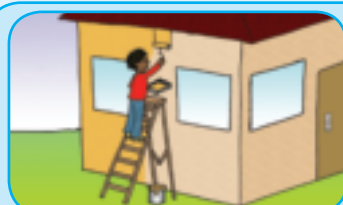
Ku baka khekhe.



Ku tirha
exikolweni.



Ku tlanga bolo
ya milenge.



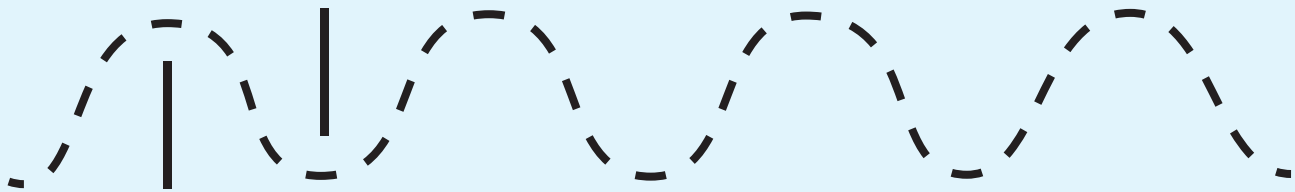
Ku penda yindlu.



Ku penda
xifaniso.



Rhanga hi ku landzelerisa tipatironi hi rintiho ra wena kutani u tirhisa khirayoni kumbe penisele. Patironi yo sungula erixaxeni hi yona yi nga ta ku letela nkarhi hinkwawo.



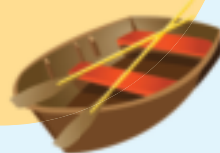
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Mpfuxeto: Swivumbeko, tisayizi na mihlovo

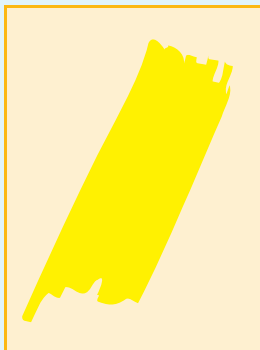
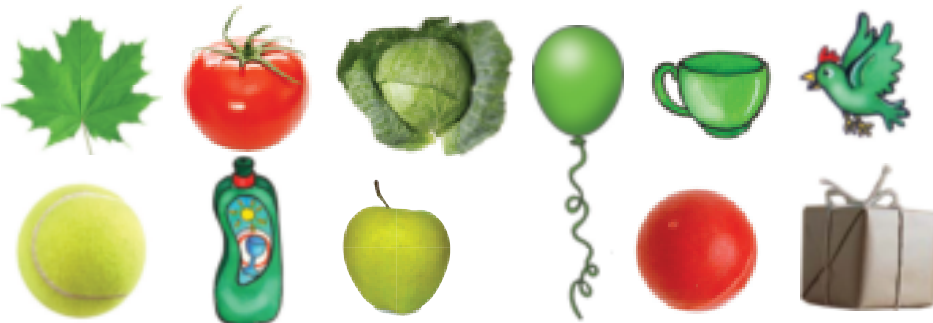
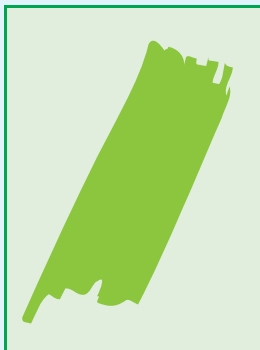
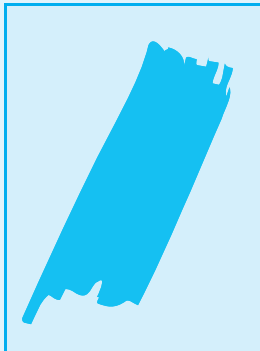
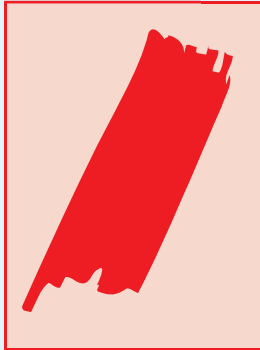
Tsala xirhendzevutana eka xifaniso xin'wana na xin'wana lexi nga xikulu.





Ku hlayela

Bana xirhendzevutana eka swilo swa muhlovo wa pende leyi nga ebokisini ro sungula.



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q

Kotara ya l



N'we

Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

nyoxi yin'we
nhwanyana un'we
yindlu yin'we
bolo yin'we



Landzelerisa nomboro.



Yelanisa swifaniso.

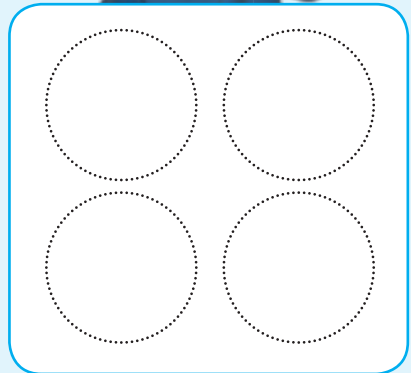
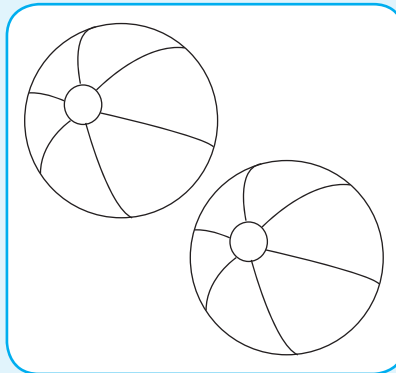
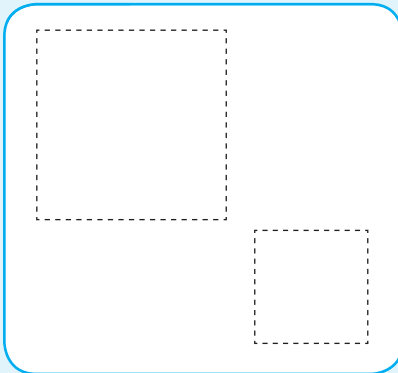


18

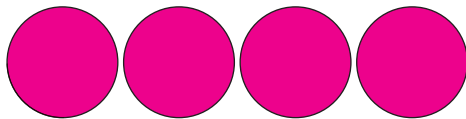
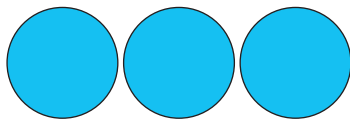
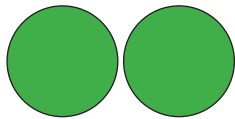
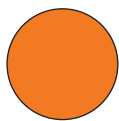
1 2 3 4 5 6 7 8 9 10



Khalara l eka buloko yin'wana na yin'wana.



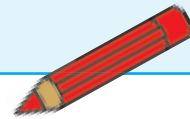
Kopunula u tlhela u dirowa l yin'wana.



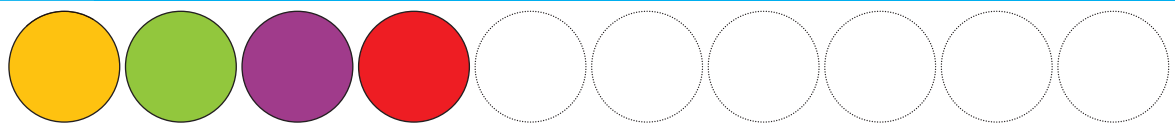
Titolovete ku tsala nomboro.



n'we



Khalara swirhendzevutana loko u ri karhi u hlalela.



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10

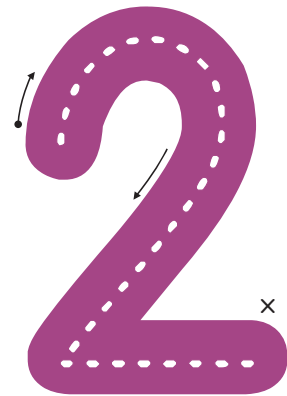
Kotara ya l



Mbirhi

Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

Mirhi mimbirhi
Vafana vambirhi
Tikhayiti timbirhi
Timbyana timbirhi



Landzelerisa nomboro.



Yelanisa swifaniso.

2	2	2
2	2	2
2	2	2
2	2	2
2	2	2
2	2	2

2

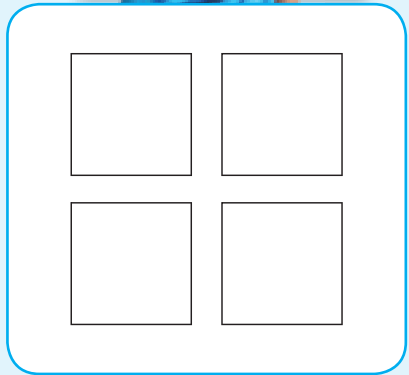
2



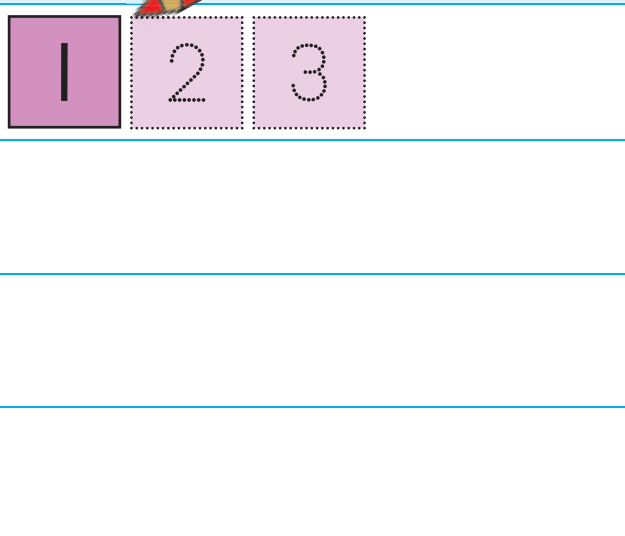
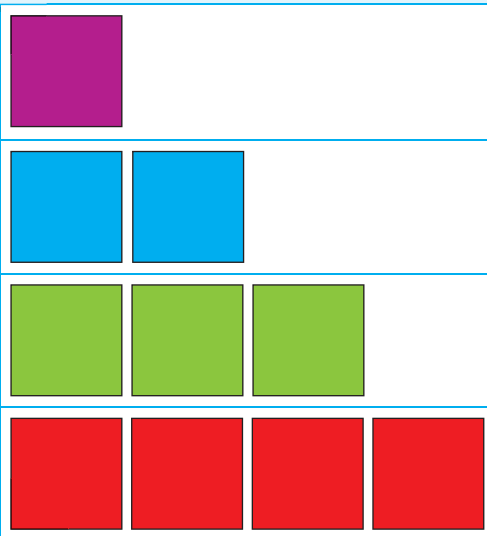
1 2 3 4 5 6 7 8 9 10



Khalara 2 eka buloko yin'wana na yin'wana.



Kopunula u tlhela u dirowa 2 tin'wana.

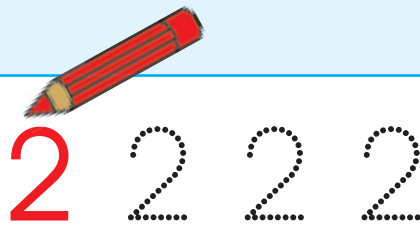


Titolovete ku tsala nomboro.



2

mbirhi



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Nharhu

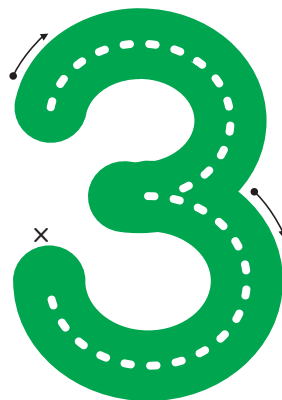
Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

Masekwa manharhu

Tihumba tinharhu

Swiluva swinharhu

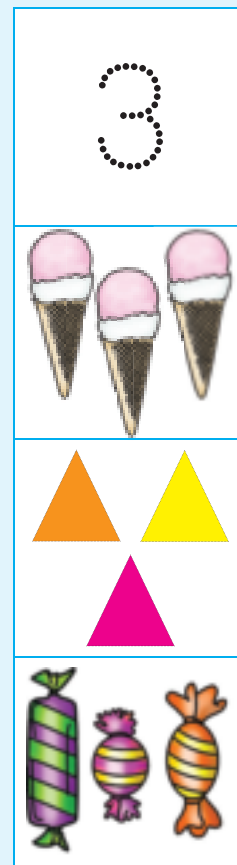
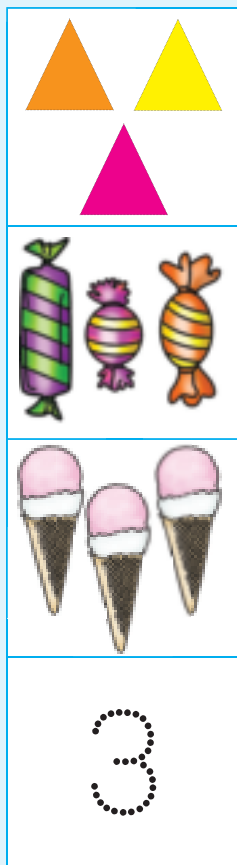
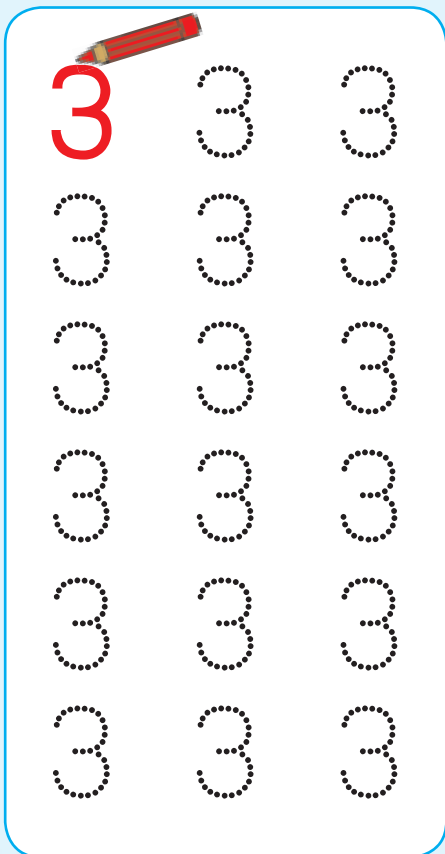
Swivungu swinharhu



Landzelerisa nomboro.

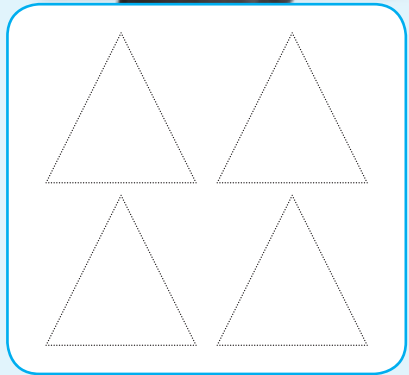
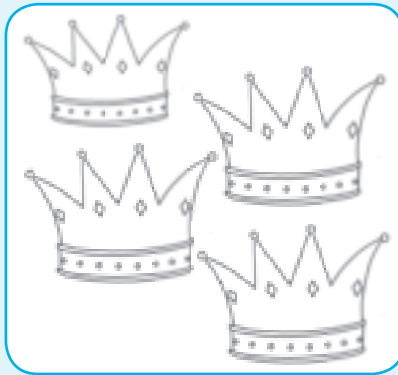


Yelanisa swifaniso.

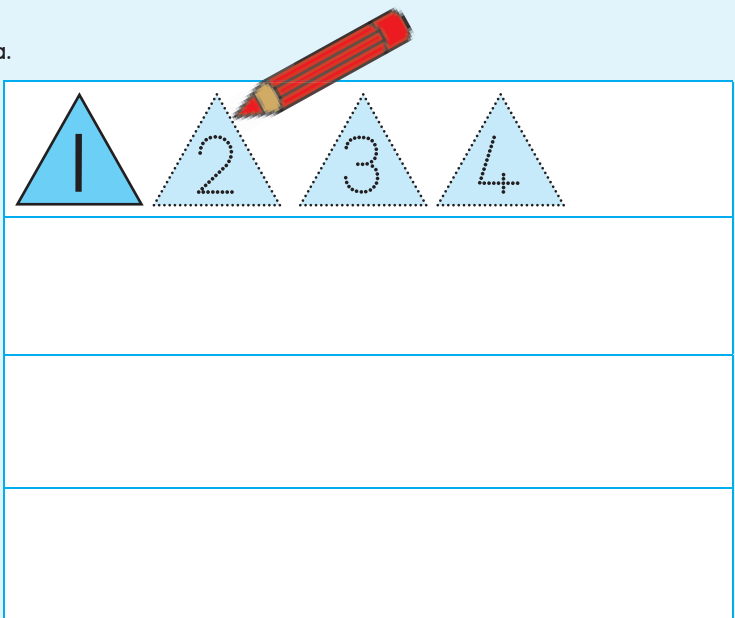
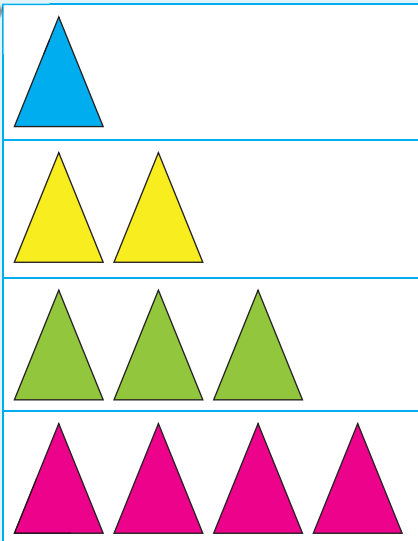




Khalara 3 eka buloko yin'wana na yin'wana.



Kopunula u tlhela u dirowa 3 tin'wana.

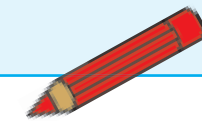


Titolovete ku tsala nomboro.



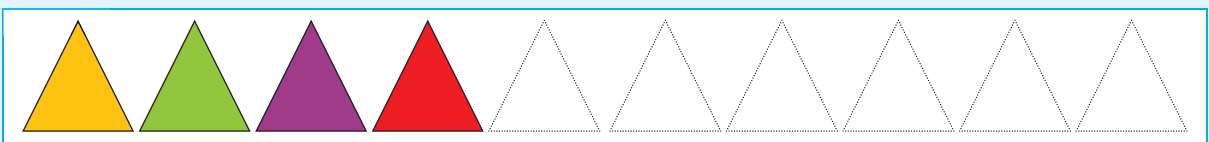
3

nharhu



3 3 3 3

Khalara tiyinhlanharhu loko u ri karhi u hlayela.



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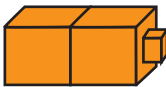
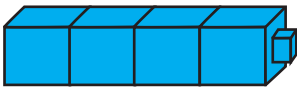
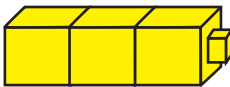
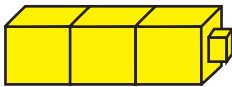
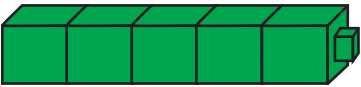
I2a

Kotara ya I

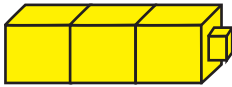
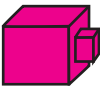
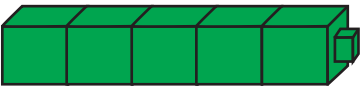
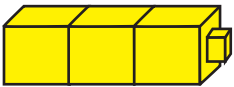
Ku leha na xiyimo



Gwajula (✓) xitimela xo koma swinene.

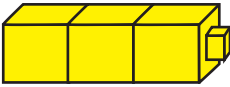
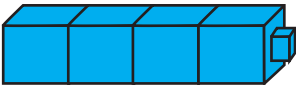
		
☐	☐	☐
		
☐	☐	☐

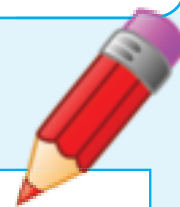
Gwajula (✓) xitimela xo leha swinene.

		
☐	☐	☐
		
☐	☐	☐



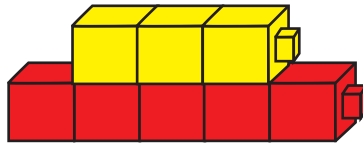
Dirowa xitimela xo lehanyana.





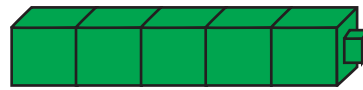
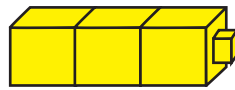
Khalara rito leri faneleke. Xitimela xo koma xi le:



mahlweni

henhla

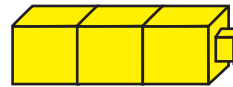
ndzhaku



mahlweni

henhla

ndzhaku



mahlweni

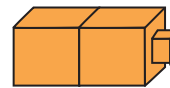
henhla

ndzhaku



Dirowa xitimela xo leha.

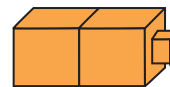
ehenhla



ekusuhi na



emahlweni



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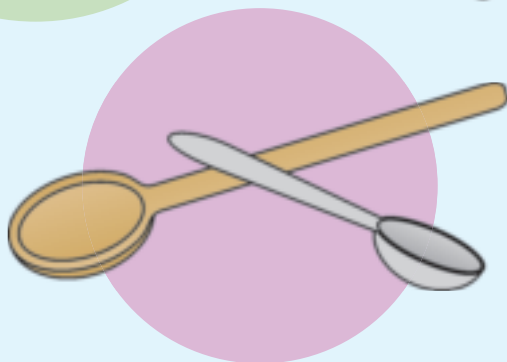
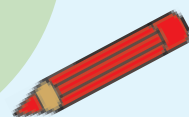
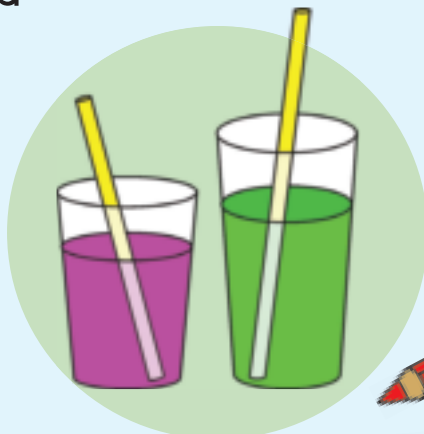
I2b

Kotara ya I



Khalara nhlamulo leyi faneleke.

Ku leha na ku koma



koma

leha



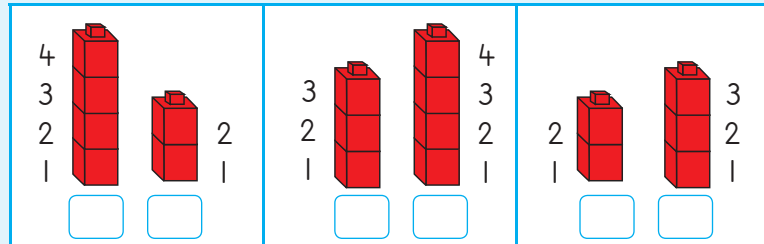
26

1 2 3 4 5 6 7 8 9 10

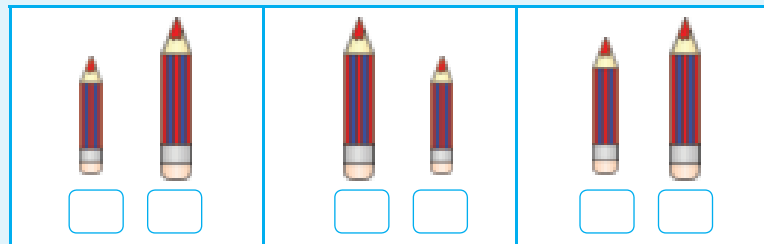


Gwajula nhlamulo leji faneleke.

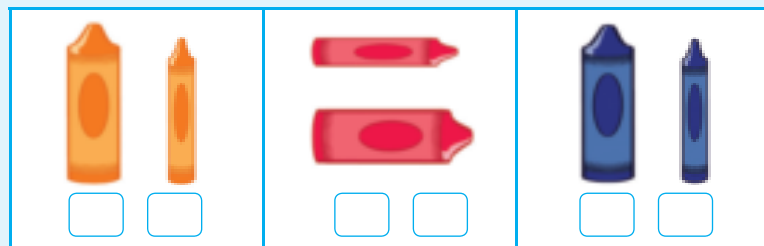
Gwajula buloko yo leha swinene.



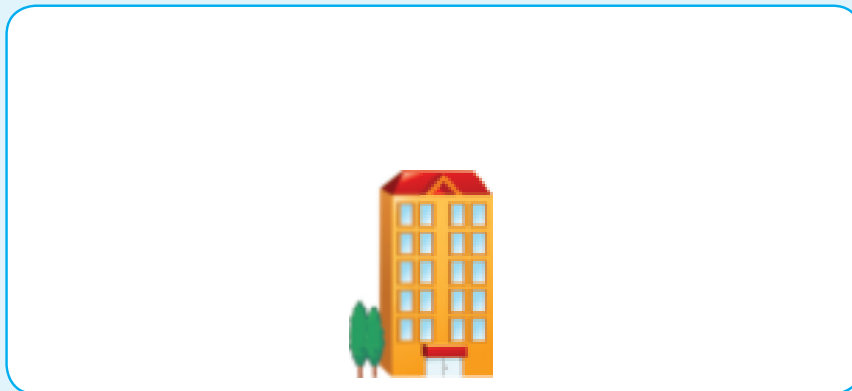
Gwajula penisele yo koma swinene.



Gwajula khirayoni yo bumbula.



Dirowa: Muako wun'we lowu nga komanyana na wun'we lowu nga lehanyana ku tlula lowu nga laha hansi.

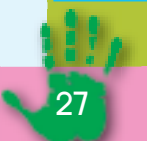


Dirowa nambu wun'we lowu nga anamanyana na wun'we lowu nga khumanyana ku tlula lowu nga exifanisweni.



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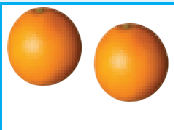
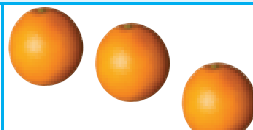
Date:



Ringanisa tinomboro ta 1-3

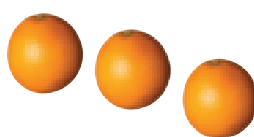
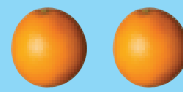
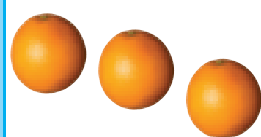


Gwajula tibuloko leti nga na nhlayo leyi ringanaka ya swilo.

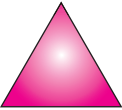


Gwajula buloko kumbe tibuloko leti nga na swilo swo tala ku tlula tibuloko leti dzwihatiweke.

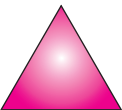
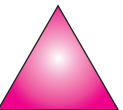


Kopunula no dirowa xivumbeko xin'wana xin'we etlhelweni ra xinene.

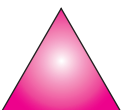
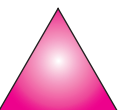
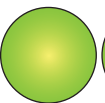
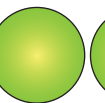
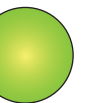


Dirowa swivumbeko leswi nga ehansi hi xin'we eka tlhelo ra voko ra xinene.



Dirowa swivumbeko leswi nga ehansi hi xin'we eka tlhelo ra voko ra xinene.



Landzerisa leyitsongo eka tinomboro letinharhu.

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Date: _____





Mune

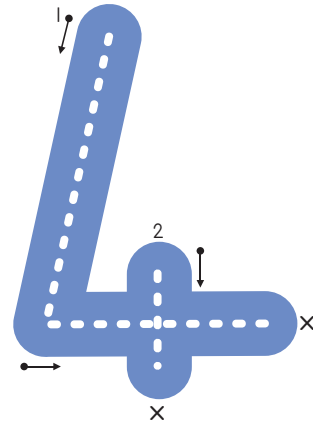
Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

Swimanga swa mune

Masokoti ya mune

Matluka ya mune

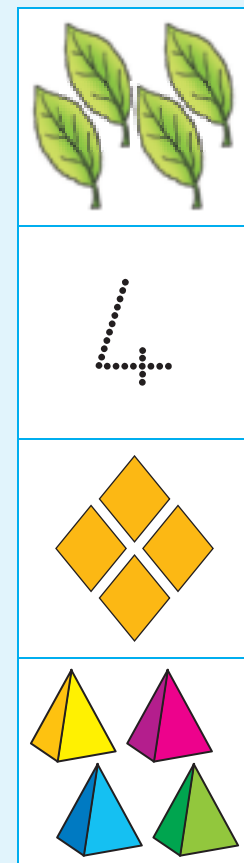
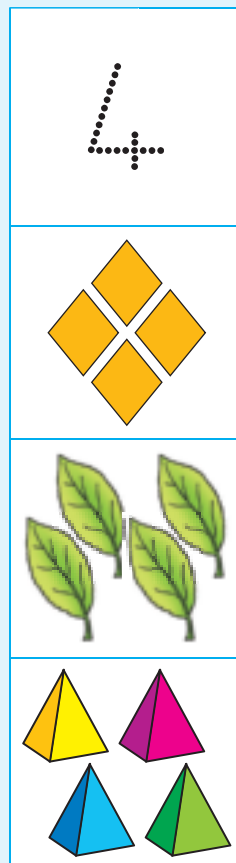
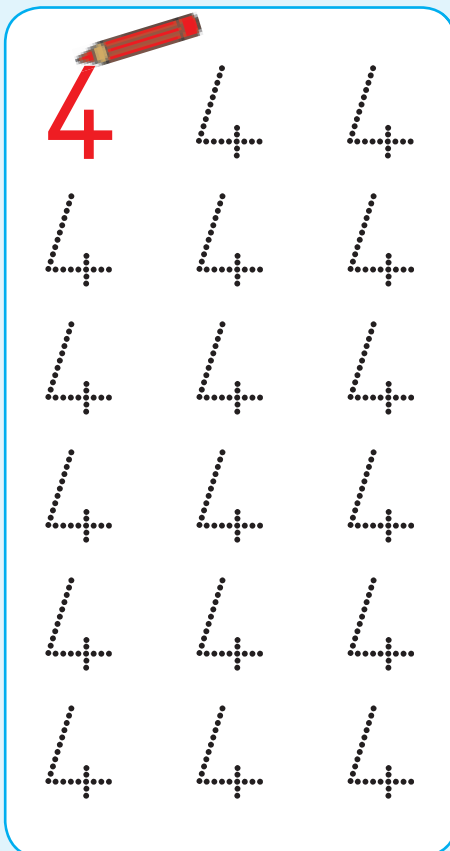
Swifufunhunu swa mune



Landzelerisa nomboro.

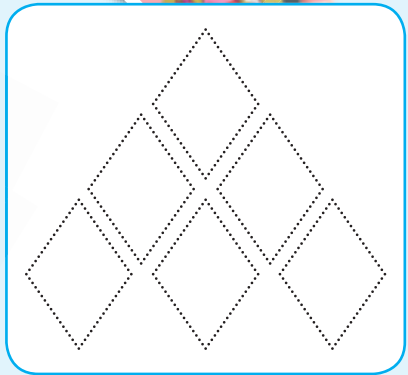
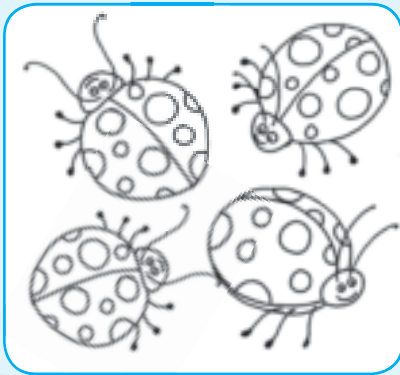


Yelanisa swifaniso.





Khalara 4 eka buloko yin'wana na yin'wana.



Kopunula no dirowa 4 wa swin'wana swivumbeko u tlhela u swi khalara.

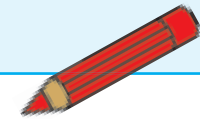
	    
 	
  	
   	



Titolovete ku tsala nomboro.



mune



												
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Khalara swidayimani loko u ri karhi u hlayela.



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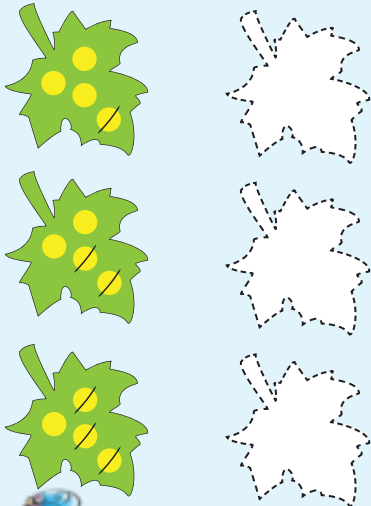
Ku hlenganisa no susa ku fika eka 4

Hetisa leswi landzelaka hi ku dirowa:

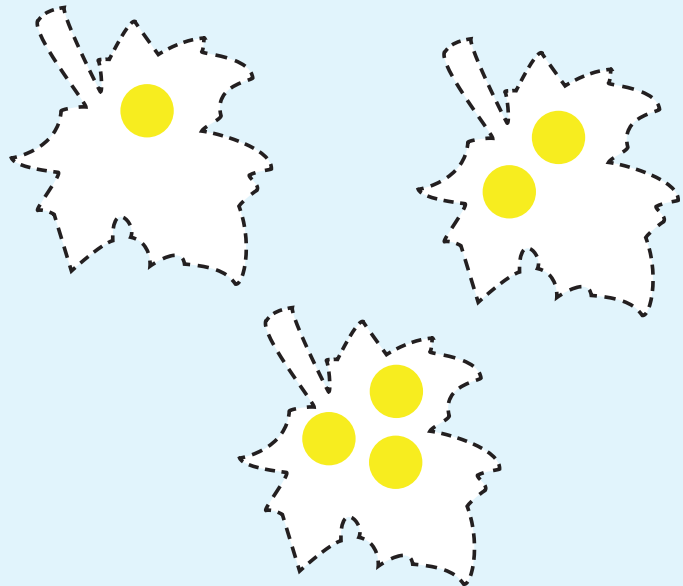
	na		swi endla			na		swi endla	
	na		swi endla			na		swi endla	
	na		swi endla			na		swi endla	



Ku sale swihlayelo swingani? Swi dirowe.



Dirowa swin'wana swihlayelo leswaku swi endla 4.



Tsala xivulwa xa tinomboro xa:

	4	susa		swi endla	3
		susa		swi endla	
		susa		swi endla	

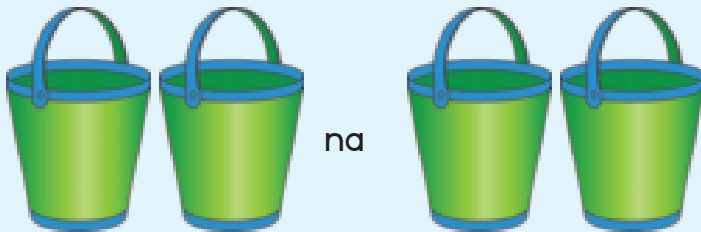


Hlanganisa leswi kutani u tsala nhlamulo.



1 na 2 swi endla

3



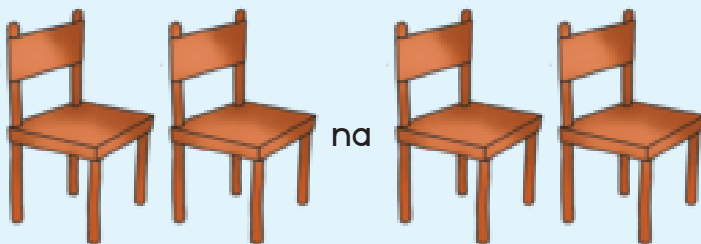
2 na 2 swi endla



3 na 1 swi endla



1 na 3 swi endla



2 na 2 swi endla



Teacher:
Sign:

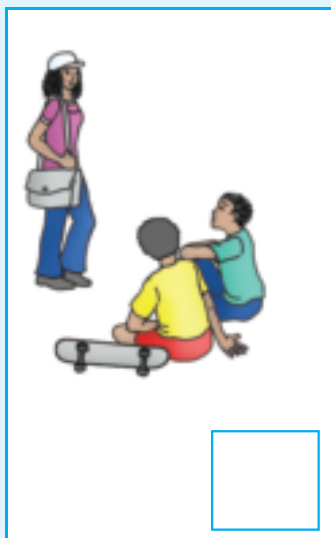
Date:



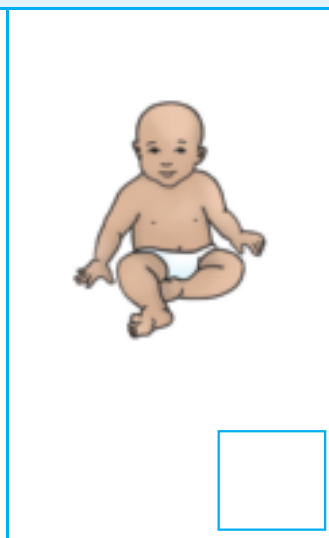


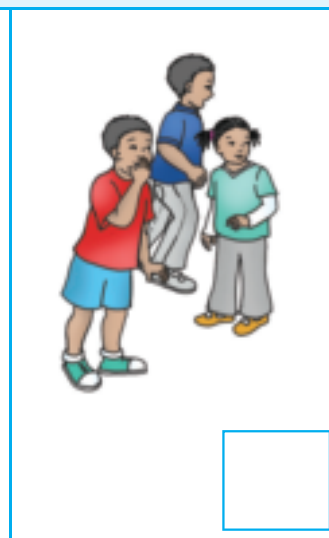
Nkarhi

Tsala tinomboro ta I ku fika eka 4 etibulokweni ku kombeta swiyimo swa makulele ya munhu.





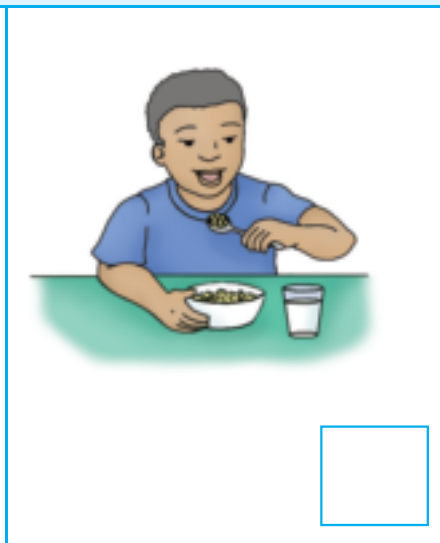


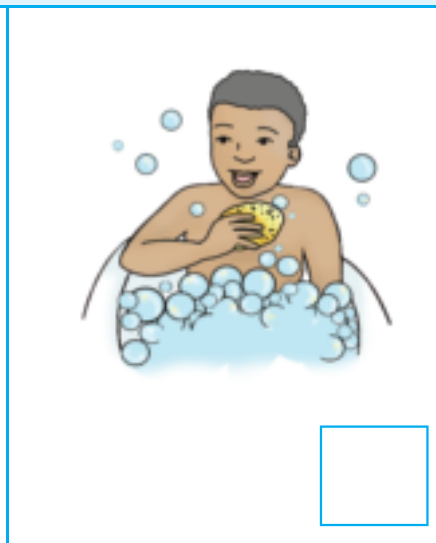




Gwajula u kombeta leswi u nga swi endlaka hi ku hatlisa.







1 2 3 4 1 2 3 4



Dirowa xanchumu:

a. lexi u xi endleke tolo

b. lexi u xi endleke namuntlha

c. lexi u nga ta xi endla mundzuku



Teacher:
Sign:

Date:





Ntlhanu

Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

Tithedi ta ntlhanu

Swiwitsi swa ntlhanu

Tinyeleti ta ntlhanu

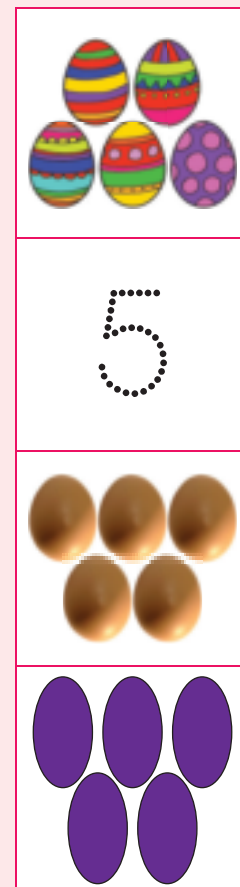
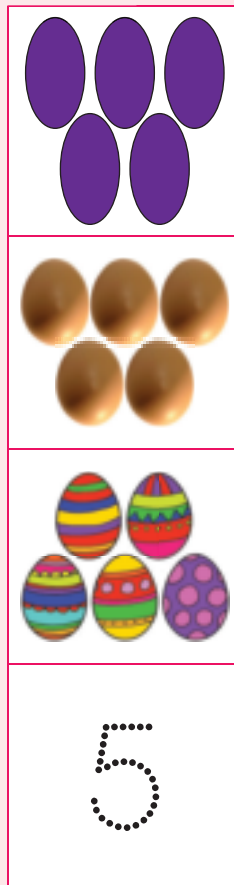
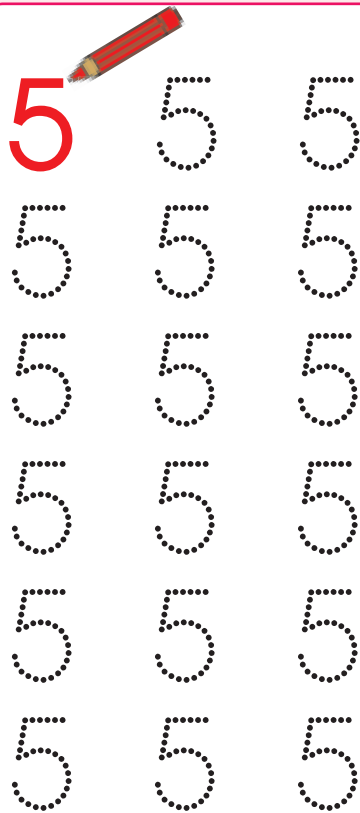
Switirayipi swa ntlhanu

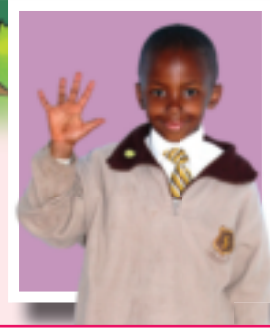


Landzelerisa nomboro.



Yelanisa swifaniso.

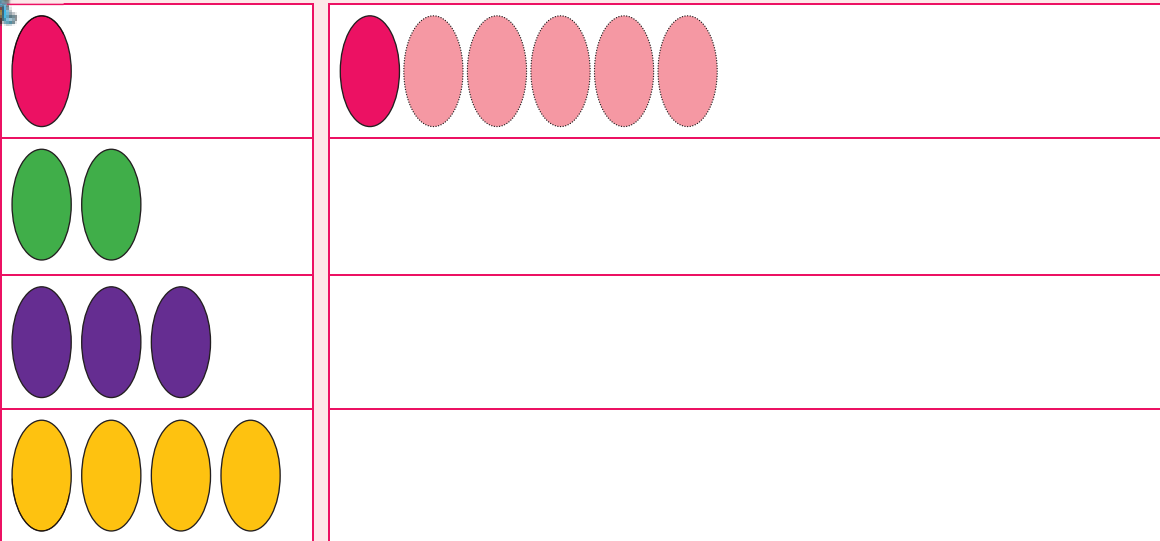




Khalara 5 eka buloko yin'wana na yin'wana.



Kopunula kutani u dirowa swin'wana swa 5.



Titolovete ku tsala nomboro.



5

ntlhanu



Teacher:
Sign:
Date:



Pfuxeta tinomboro ta I ku fika eka 5

Titolovete ku tsala tinomboro leti landzelaka.

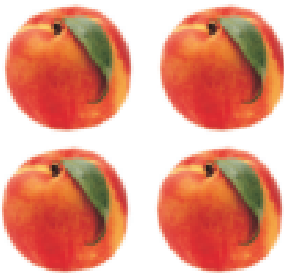
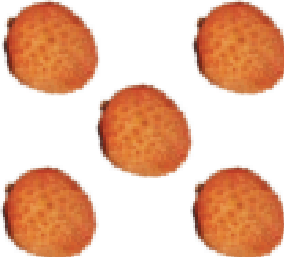


Bana xirhendzevutana eka nomboro leji faneleke.

	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



Tsala mavito ya tinomboro.

	1	n'we
	2	mbirhi
	3	nharhu
	4	mune
	5	ntlhanu



Teacher:
Sign:
Date:

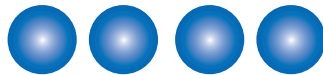




Hlanganisa ku fika eka 5

Engetela eka vuhlalu hi ku dirowa byin'wana.

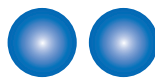
Dirowa byin'wana byin'we.



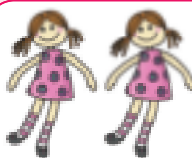
Dirowa byin'wana byimbirhi.



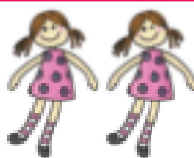
Dirowa byin'wana byinharhu.



Hlayela u tlhela u hlanganisa leswi kutani u tsala nhlamulo.



na



2 na 2 swi endla 4

2

2



na



2 na 1 swi endla



na



3 na 2 swi endla



na



2 na 3 swi endla





Dirowa tiyinhlanharhu tin'wana. Xana u lemuka yini?

	yi'n'wana yi 1	
	ti'n'wana ti 2	
	ti'n'wana ti 3	
	ta'n'wana ta 4	



Dirowa nhlamulo kutani u tsala nhlayo ya:

	na		swi hi nyika	
3	na	2	swi hi nyika	5
	na		swi hi nyika	
	na		swi hi nyika	
	na		swi hi nyika	
	na		swi hi nyika	



Teacher:
Sign:
Date:





Susa ku suka eka 5 u tlhela u hlanganisa ku fika eka 5

Dirowa u tlhela u hunguta.

	hunguta hi 1	
	hunguta hi 2	
	hunguta hi 3	
	hunguta hi 4	



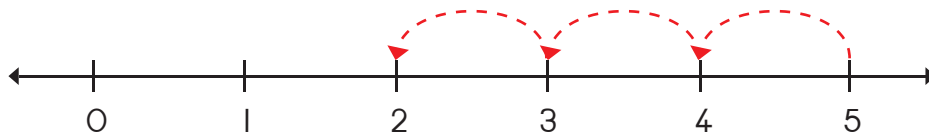
Tsala nhlayo ya:

	5	susa	1	i	4
		susa		i	
		susa		i	

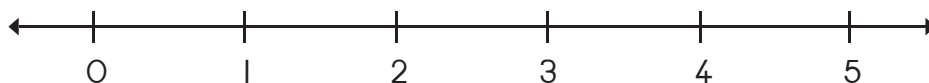


Susa hi ku hlayela u ya endzhaku.

5 hi susa 3



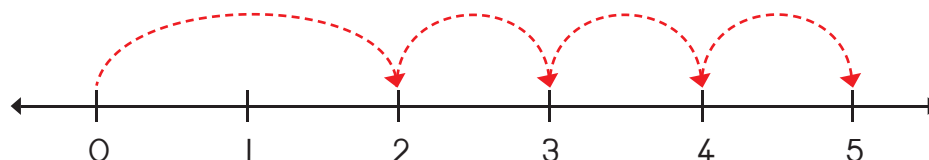
5 hi susa 2



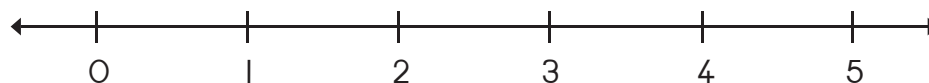


Hlanganisa hi ku hlayela u ya emahlweni .

2 hlanganisa na 3

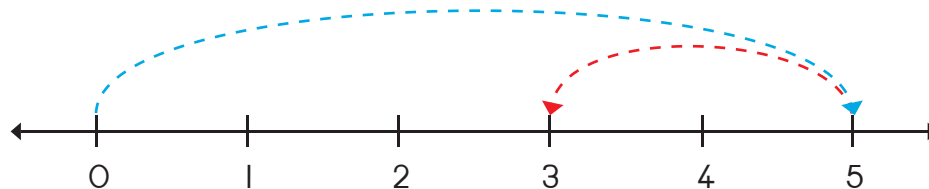


1 hlanganisa na 4



Kombisa nhlayo eka ndzhati wa mitsengo.

5 hi susa 2



5 hi susa 4



Teacher:
Sign:

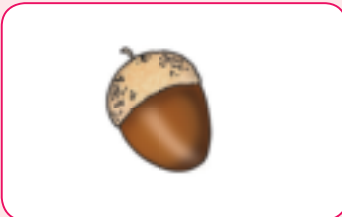
Date:



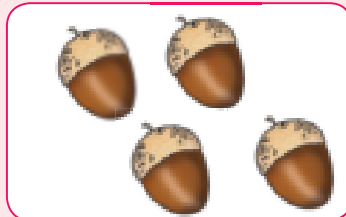


Hlanganisa no susa ku fika eka 5

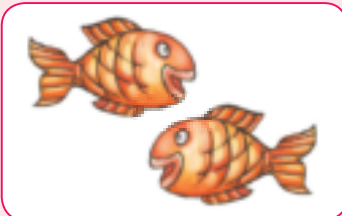
Hetisa leswi landzelaka:



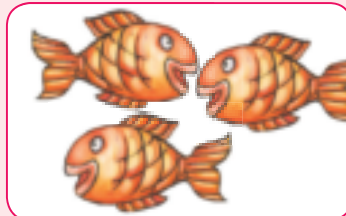
na



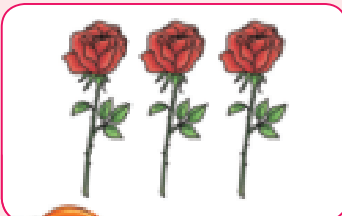
swi ndzi nyike



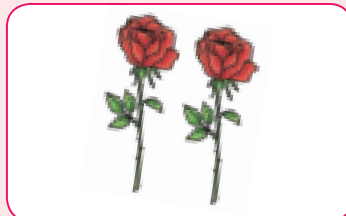
na



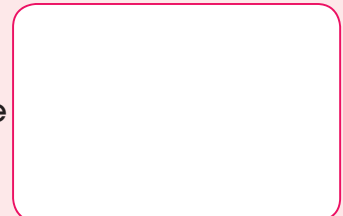
swi ndzi nyike



na



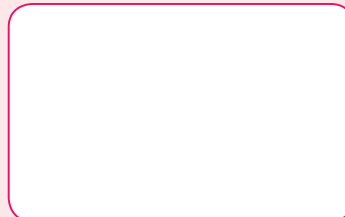
swi ndzi nyike



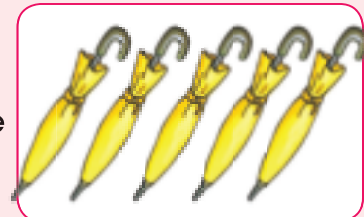
Hetisa leswi landzelaka:



na



ndzi nyike



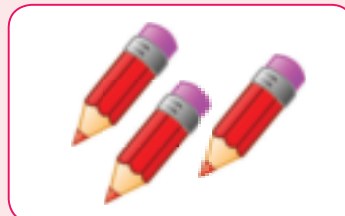
na



ndzi nyike



na

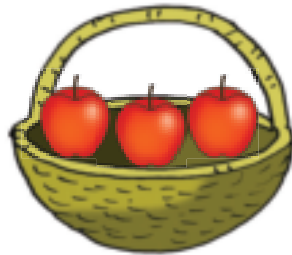
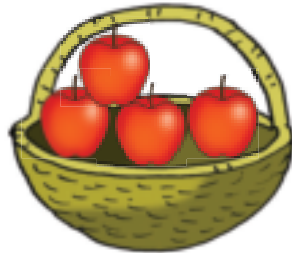


ndzi nyike

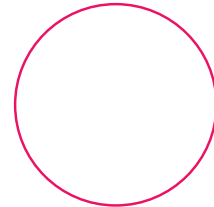
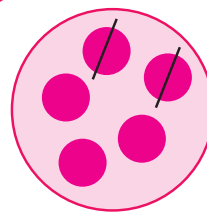
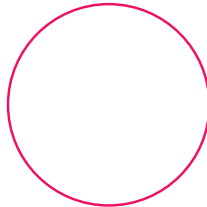
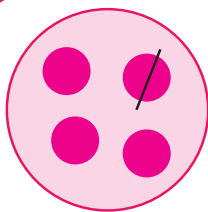




Dirowa maapula man'wana leswaku ya va 5.



Ku sale **vuhlalu** byingani? Byi dirowe.



Tinhlayo ta marito.

Mudyondzisi/mutswari wa wena u ta ku hlayela kutani u fanela ku dirowa ku kombisa nhlamulo.

Lisa a ri na mapyere mambirhi. Musa u n'wi nyike pyere rin'we. Xana Lisa u na mapyere mangani sweswi?

Lisa a ri na mapyere ya mune. Musa u nyike Silo mapyere mambirhi. Xana Lisa u na mapyere mangani sweswi?



Teacher:
Sign:

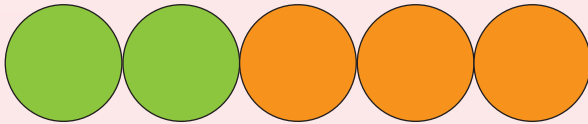
Date:



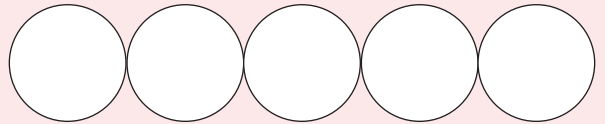


Ku hlanganisa na ku susa I ku fika eka 5

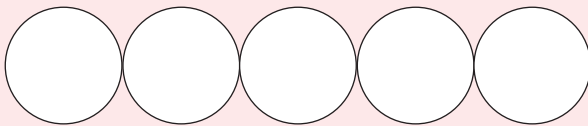
Khalara vuhlalu ku kombisa leswaku:



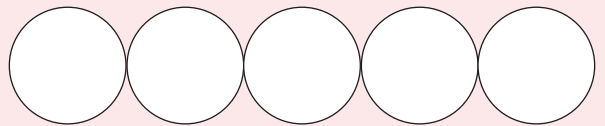
2 na 3 i 5



1 na 4 i 5



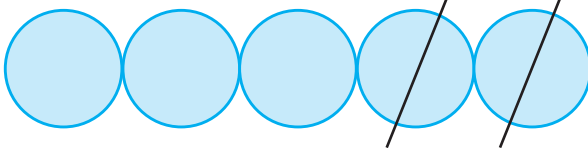
3 na 2 i 5



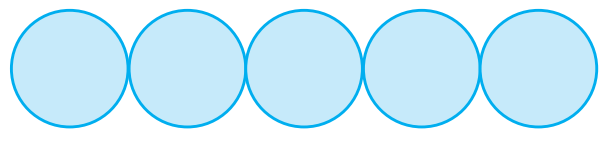
4 na 1 i 5



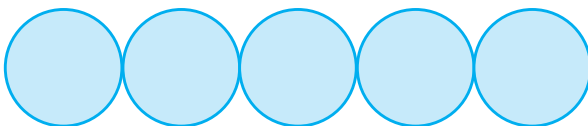
Bana ntila ehenhla ka vuhlalu ku kombisa leswaku:



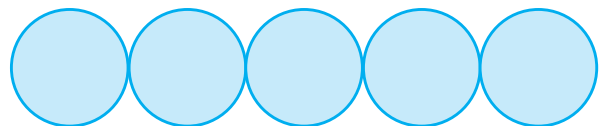
5 susa 2 i 3



5 susa 1 i 4



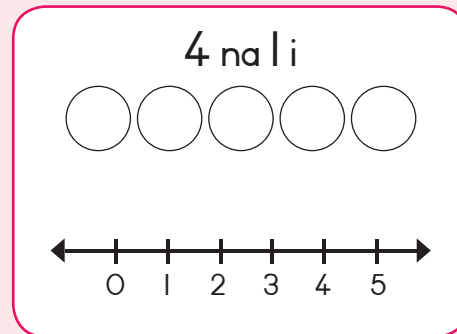
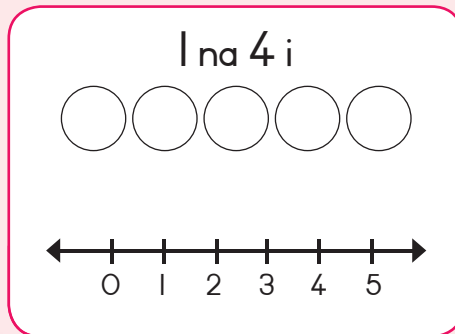
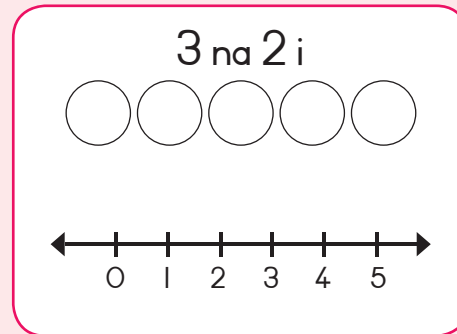
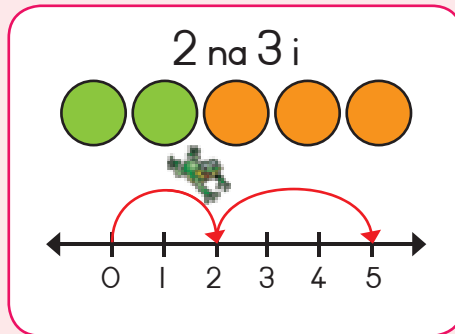
5 susa 3 i 2



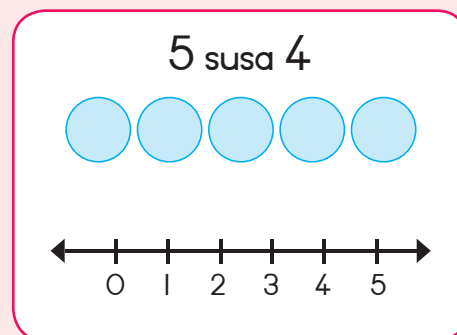
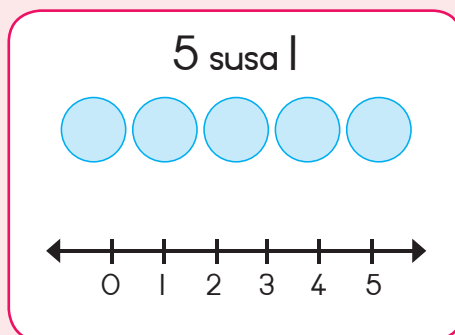
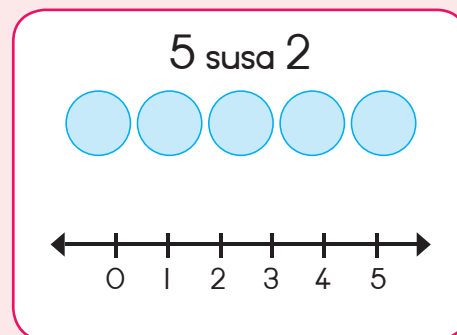
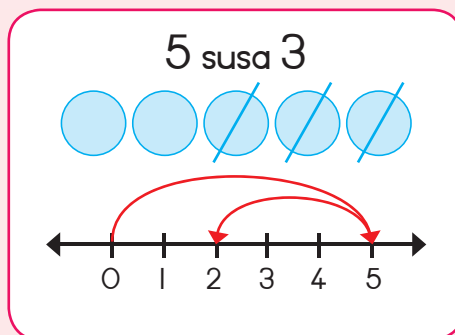
5 susa 4 i 1



Khalara vuhlalu. Pfuna chela ku swi kombisa eka ndzhati wa mitsengo.



Bana ntila ehenhla ka vuhlalu lebyi u byi suseke kutani u kombisa eka ndzhati wa mitsengo.



Teacher:
Sign:

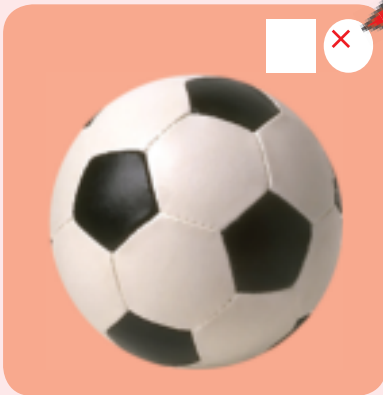
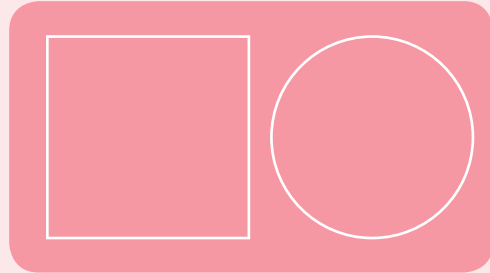
Date:





Tibolo na mabokisi

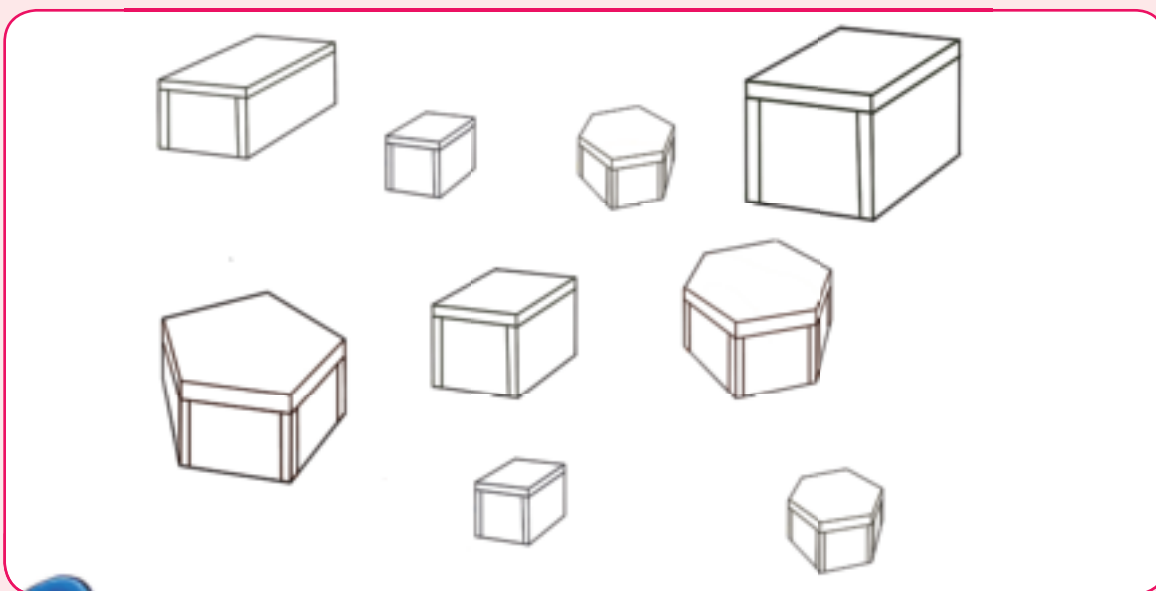
Hi xihilexi fanaka na mabokisi?
 Hi xihilexi fanaka na tibolo?
 Hi xihilexi khungulukaka naswona hi xihilexi
 rhetaka?





Khalara hinkwaswo:

- Mabokisi lamatsongo na tibolo hi muhlovo wo tshwuka
- Mabokisi lamakulu na tibolo hi muhlovo wa wasi



Landzelerisa marito.

bokisi

bolo



Teacher:
Sign:
Date:



24a

Kotara ya I



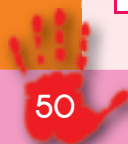
Ximatsi na xinene

voko ra
ximatsi

voko ra
xinene

	ximatsi	xinene	
Murhi wu le ka			xa yena
Movha wu le ka			xa yena
Yindlu yi le ka			xa yena
Xinyenyana xi le ka			xa yena
Xisaka xi le ka			xa yena

	ximatsi	xinene	
Mbyana yi le ka			xa yena
Nyimpfu yi le ka			xa yena
Yindlu yi le ka			xa yena
Xikolo xi le ka			xa yena
Xiluva xi le ka			xa yena



50

1 2 3 4 5 6 7 8 9 10

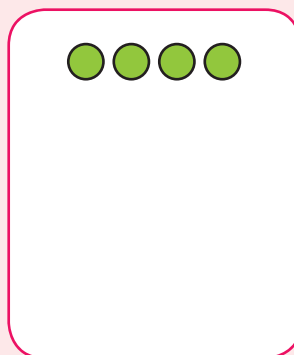
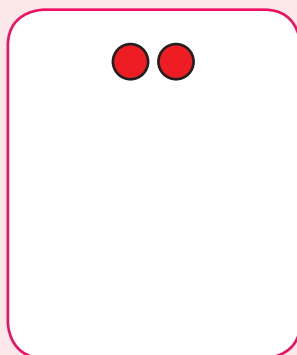
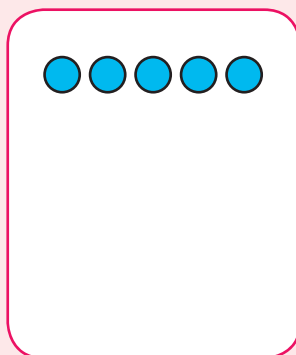
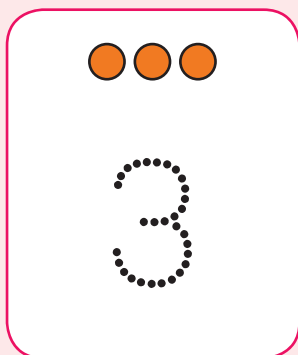


Bana xirhendzevutana eka voko ra yena ra xinene.
Bana xirhendzevutana eka nenge wa yena wa xinene.
Yima tanihi mufana kutani u kombisa voko ra wena ra xinene.

Bana xirhendzevutana eka voko ra yena ra xinene.
Bana xirhendzevutana eka nenge wa yena wa ximatsi.
Yima tanihi nhwanyana kutani u kombisa voko ra wena ra xinene.



Titolovete ku tsala tinomboro leti landzelaka.



Teacher: _____
Sign: _____
Date: _____



24b

Kotara ya I

Matlhelo



Pfuna mpfundla ku kuma makheroti. Xana wu fanele ku jikela **eximatsini** kumbe **exineneni**?

ximatsi	xinene
✓	

ximatsi	xinene

ximatsi	xinene

ximatsi	xinene

ximatsi	xinene



Khalara rito leri yelanaka na nseve.

↑	ehenhla	ximatsi	ehansi	xinene
↓	ehenhla	ximatsi	ehansi	xinene
→	ehenhla	ximatsi	ehansi	xinene
←	ehenhla	ximatsi	ehansi	xinene



Bana xirhendzevutana eka nseve lowu yelanaka na nseve wo sungula erixaxeni.

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



Teacher:
Sign:
Date:





Ku aka no tlhantlha tinomboro

Tsala tinomboro leti faneleke eka buloko yin'wana na yin'wana.



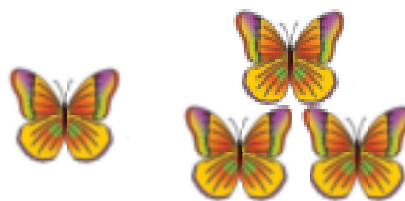
2 na 1 i 3



na i



na i



na i



na i



na i



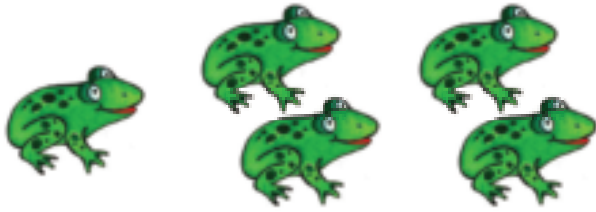
na i



na i



Sweswi ringeta leswi.



na na i



na na i



na na i



na na i



na na i



na na i

11

12

13

14

15

16

17

18

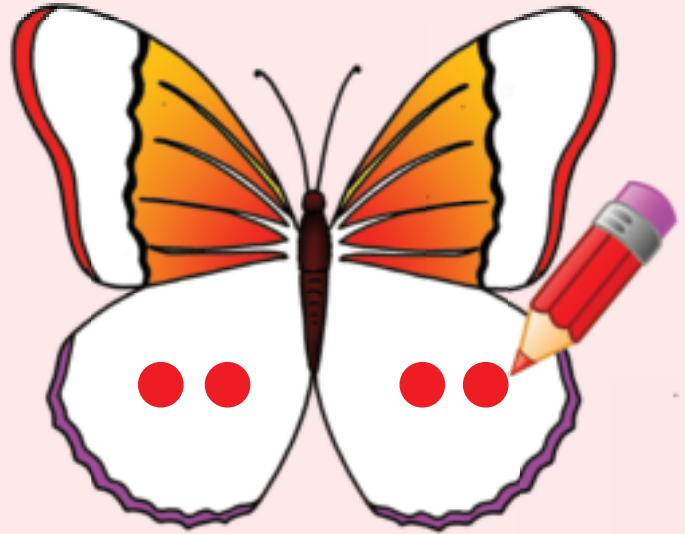
19

20

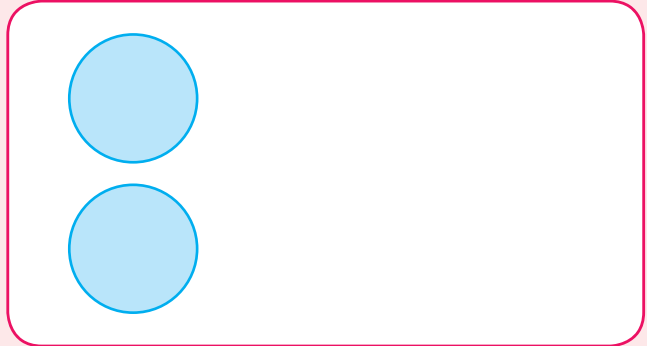
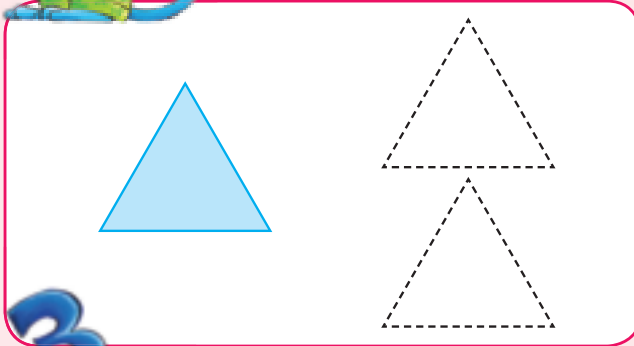
Ku hlanganisa tinomboro to vuyeleriwa kambirhi



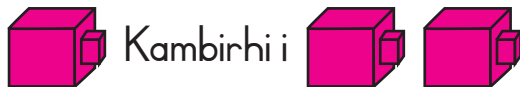
Andzisa kambirhi mathonsi etimpapeni.



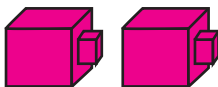
Andzisa kambirhi swivumbeko.



Dirowa kutani u tata tinomboro.



Kambirhi i



| Kambirhi i

Kambirhi



i



| Kambirhi i



Dirowa kutani u tata tinomboro.



Kambirhi i



1

Kambirhi i

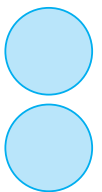
2

1

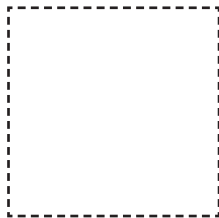
hlanganisa na

1

i



Kambirhi i



1

Kambirhi i

2

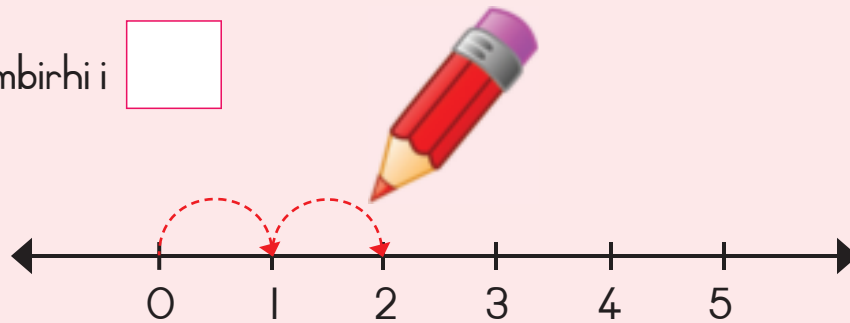
hlanganisa na

i

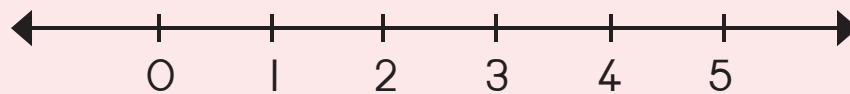


Kombisa leswi landzelaka eka ndzhati wa mintsengo.

1 kambirhi i



2 kambirhi i



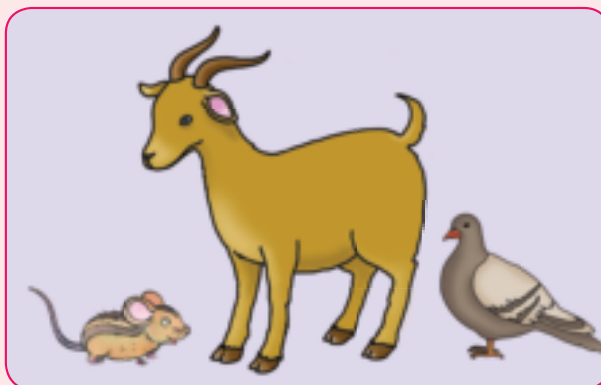
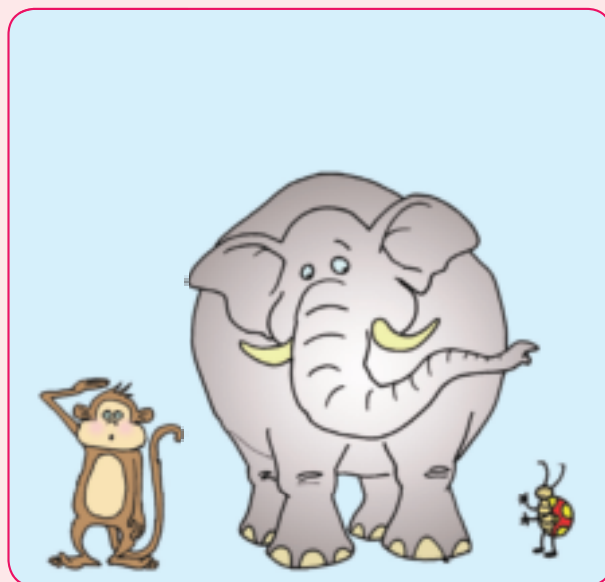
Teacher:
Sign:

Date:



Lexikulu na lexisongo

- Bana xirhendzevutana xo tshwuka eka xiharhi lexikulu swinene
- Dirowa xikwere eka xiharhi lexisongo swinene eka bokisi rin'wana na rin'wana.



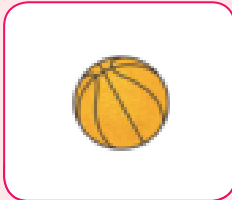
lexikulu lexisongo

lexikulu
swinene

lexisongo
swinene



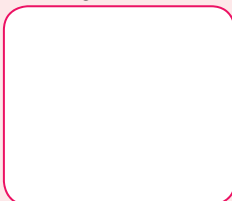
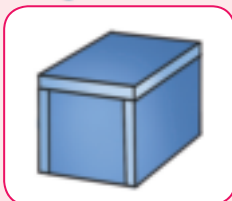
Dirowa bolo leyikulu.



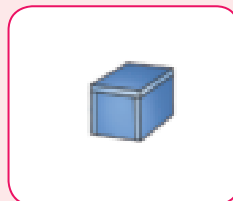
Dirowa bolo leyitsongo.



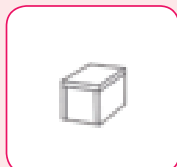
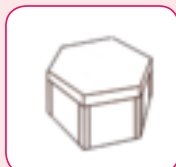
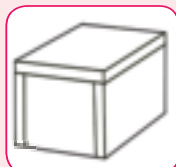
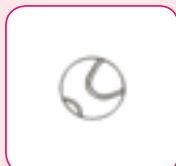
Dirowa bokisi leritsongo.



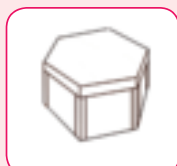
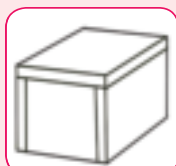
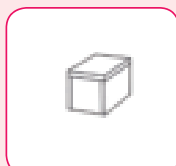
Dirowa bokisi lerikulu.



Khalara bokisi leritsongo swinene na bolo leyitsongo swinene.



Khalara bokisi lerikulu swinene na bolo leyikulu swinene.



Teacher:
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Date:



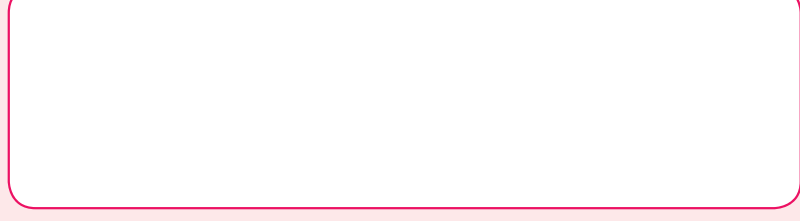
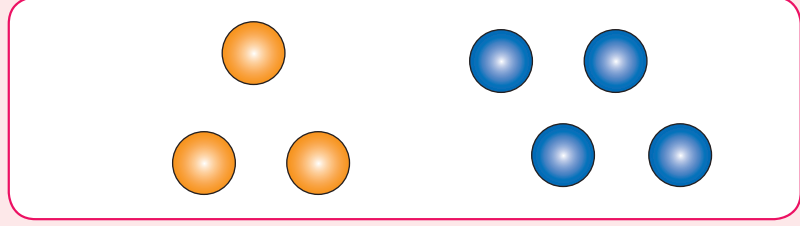
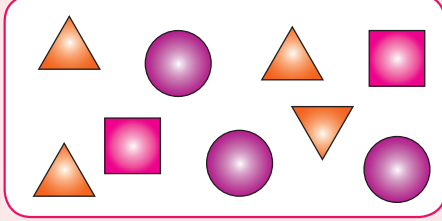
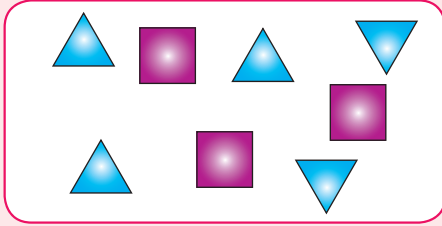
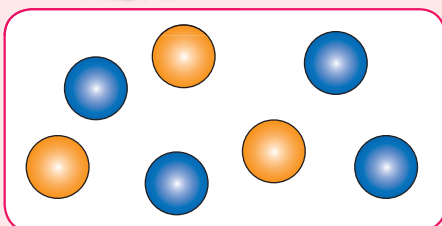


Hlawula swilo

Yelanisa swilo leswi nga hlawuriwa na xifaniso.

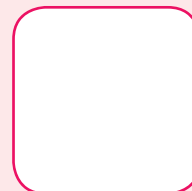
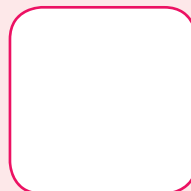
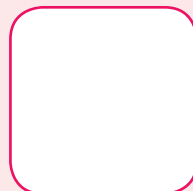
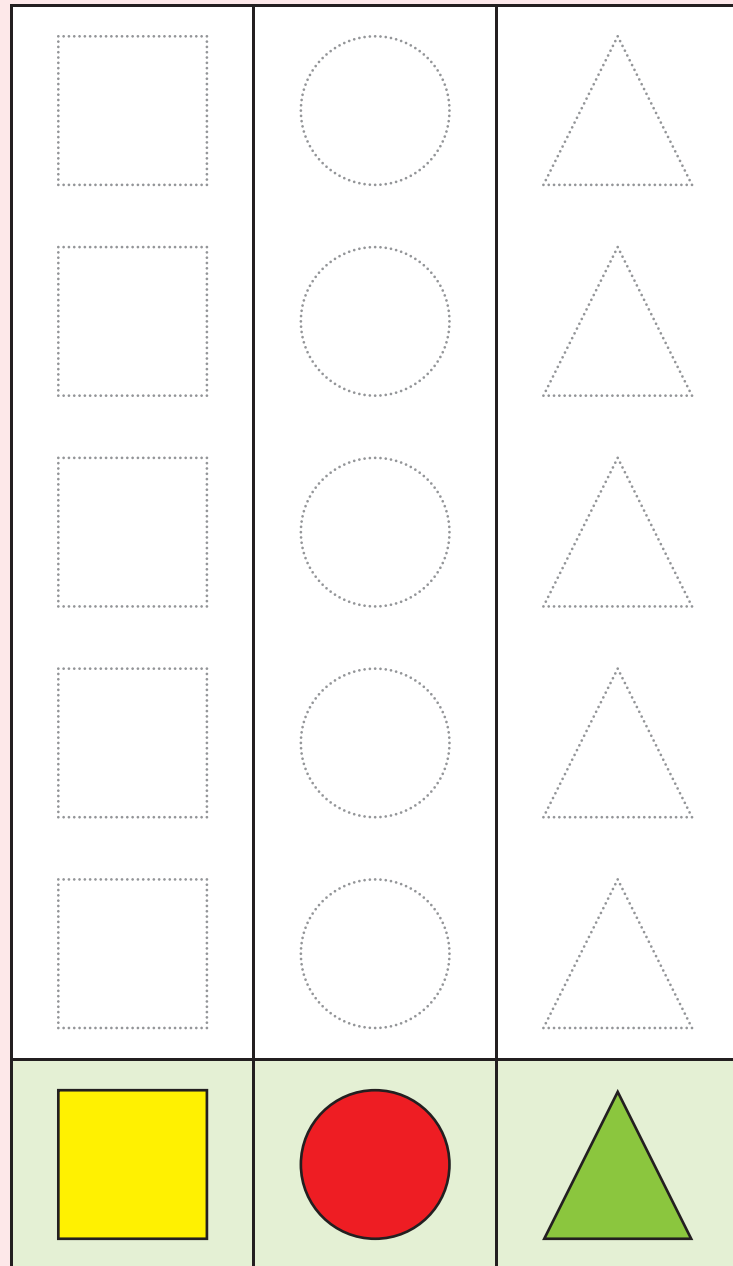
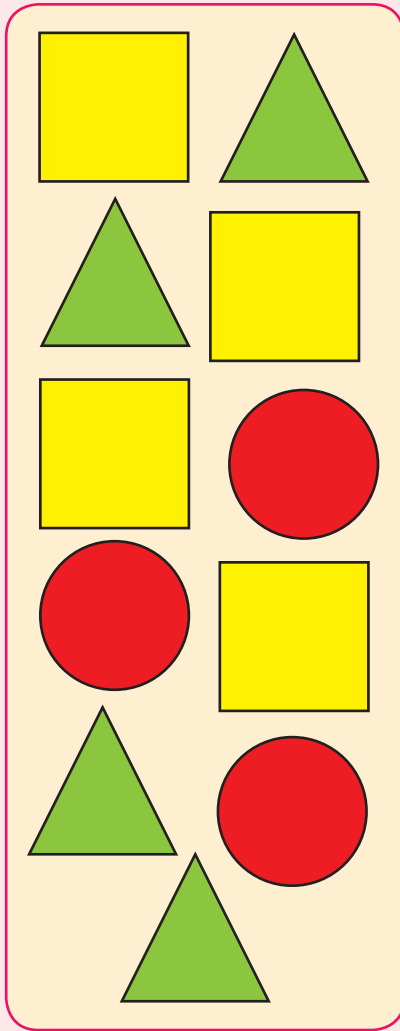


Hlawula hi ku endla xifaniso xa xin'wana na xin'wana.





Tlhela u dirowa swivumbeko leswi nga eka girafu ya swifaniso kutani u tsala nhlayo ya xin'wana na xin'wana etshakwini.



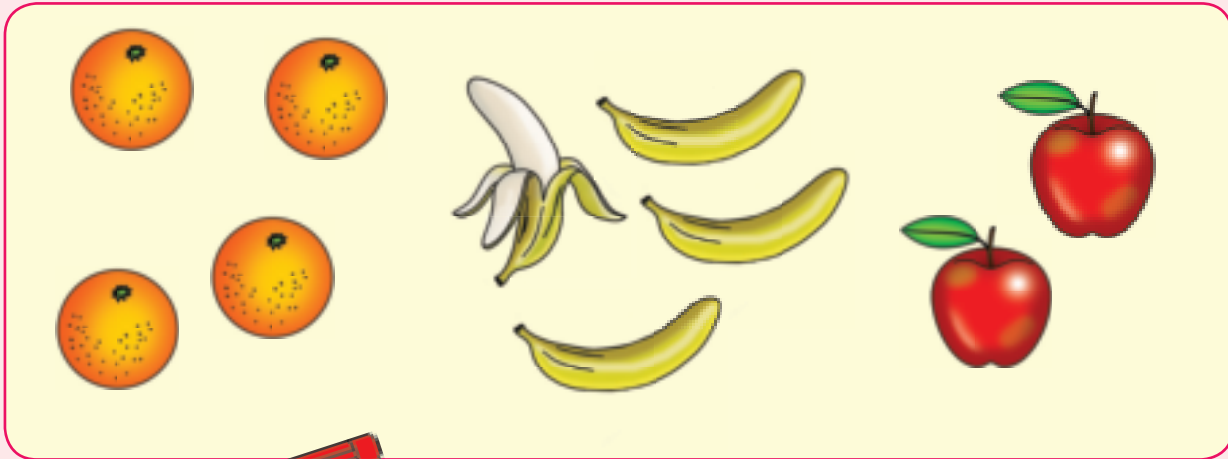
Teacher:
Sign:
Date:





A hi avelane hi ku ringana

Hlayela malamula, mabanana na maapula kutani u tsala mintsengo etibulokweni.



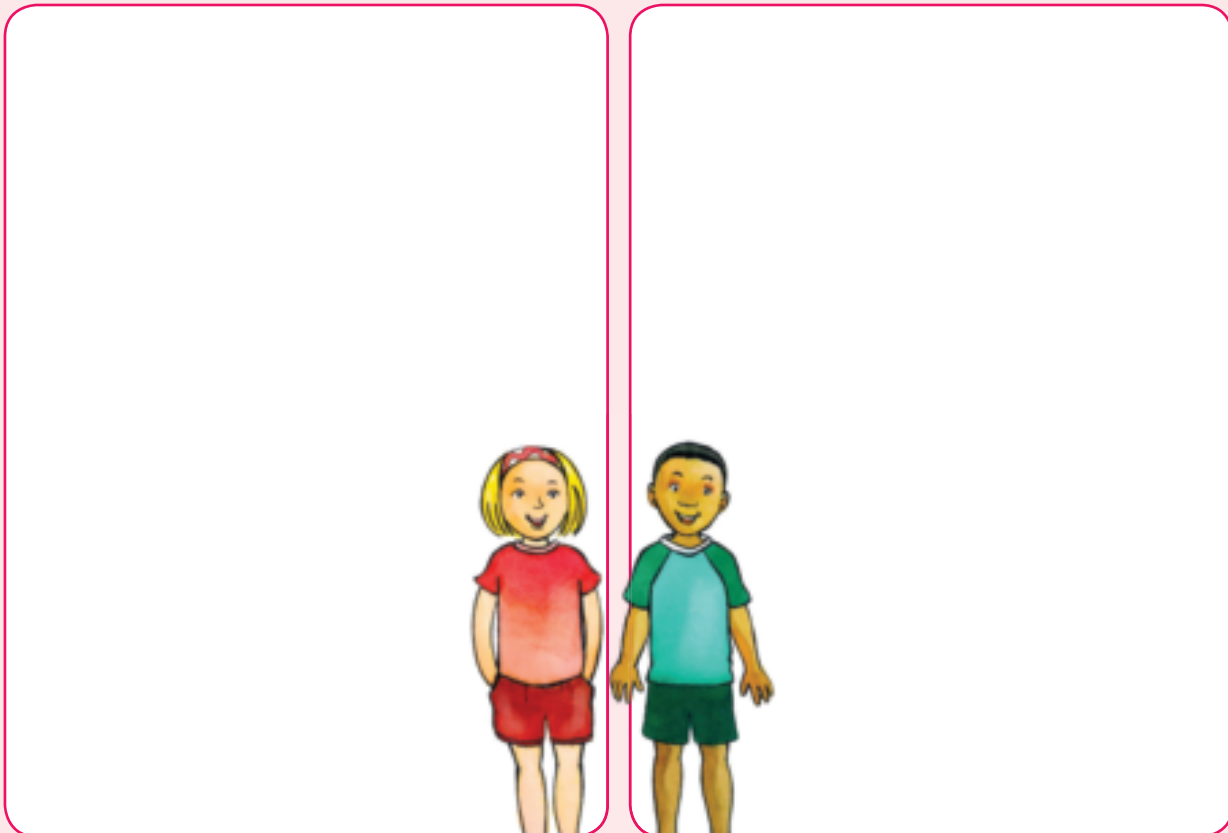
4

wa malamula

wa mabanana

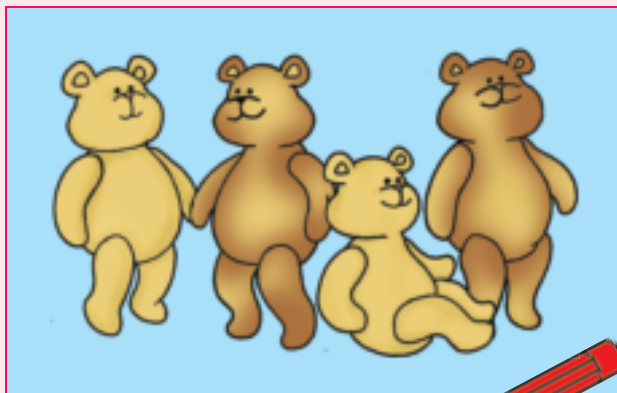
wa maapula

Ava malamula, maapula na mabanana hi ku ringana exikarhi ka vana vambirhi u tlhela u dirowa.

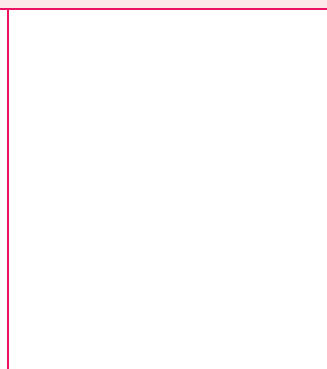
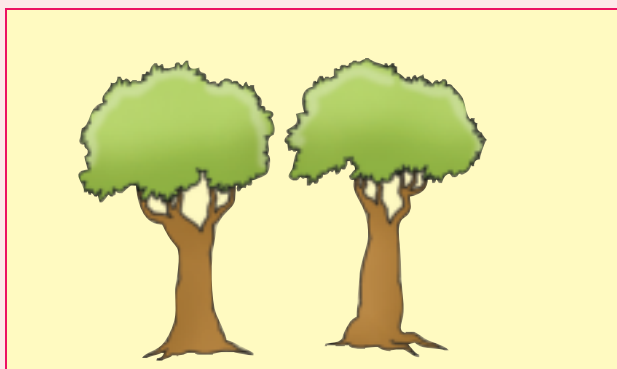




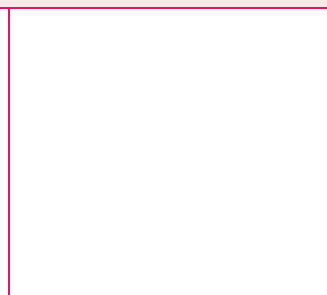
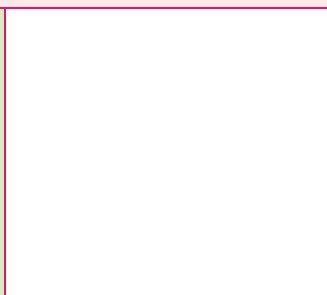
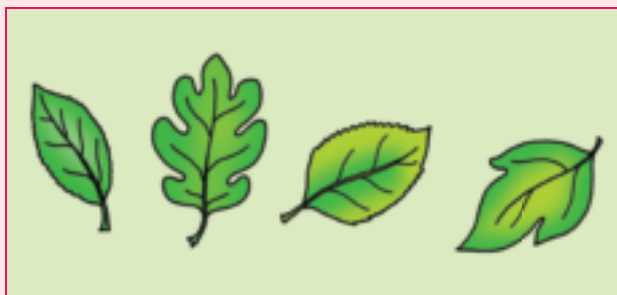
Avanyisa ntlawa eka bokisi ro sungula hi mbirhi. Dirowa mintlawwa mimbirhi eka mabokisi yo hambana.



$$4 = 2 + 2$$



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



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



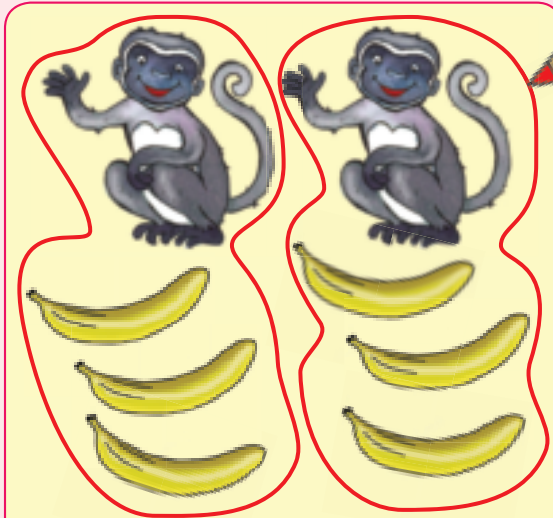
Teacher:
Sign:
Date:





Ku avelana hi ku ringana

Bana xirhendzevutana eka mihandzu na swiharhi leswaku swi ta aviwa hi ku ringana.

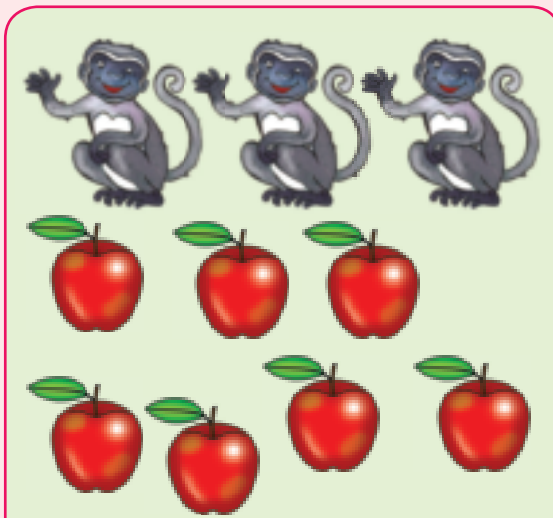


Xana mfenhe yin'wana
na yin'wana yi kumile
mabanana mangani?

3



Xana mpfundla wun'wana na wun'wana
wu kumile makheroti mangani?



Xana mfenhe yin'wana na
yin'wana yi kumile mabanana
mangani?

Xana ku na maapula lama
saleke endzhaku ko wa ava
hi ku ringana?

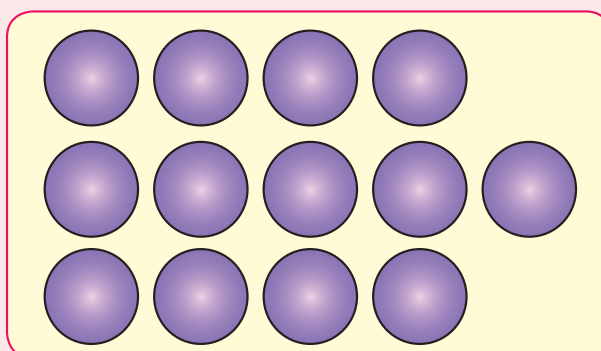
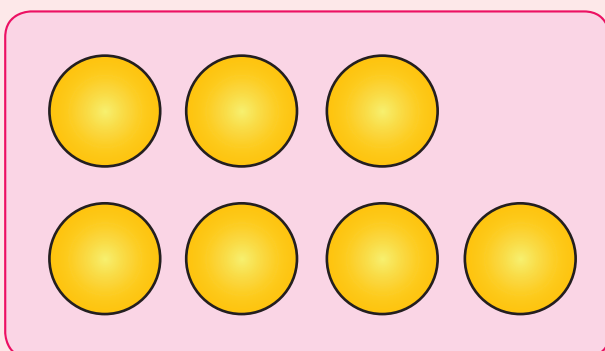
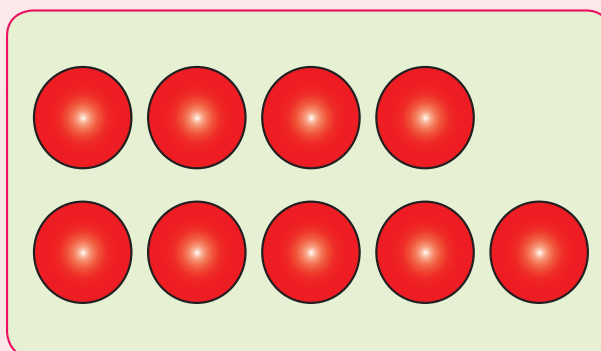
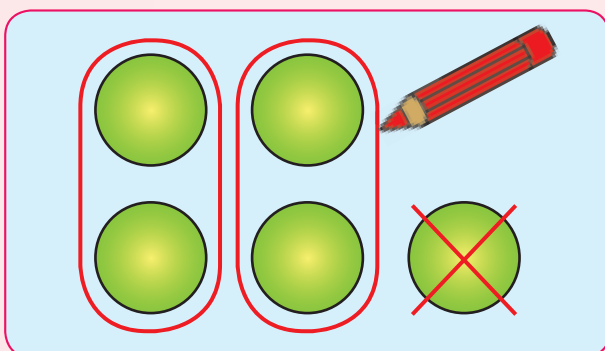


Xana mpfundla wun'wana na wun'wana
wu kumile makheroti mangani?

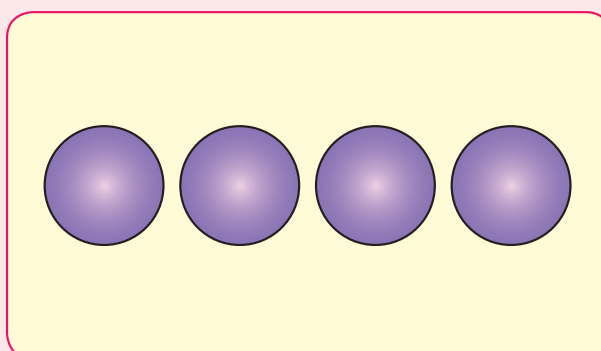
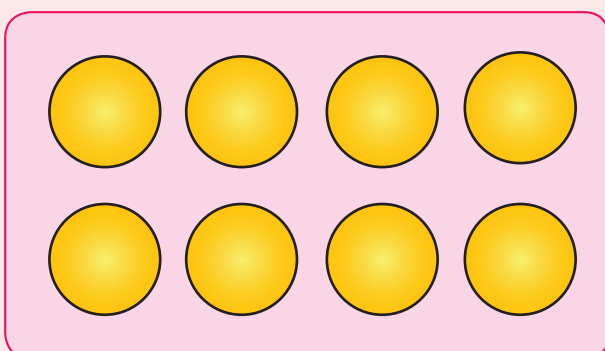
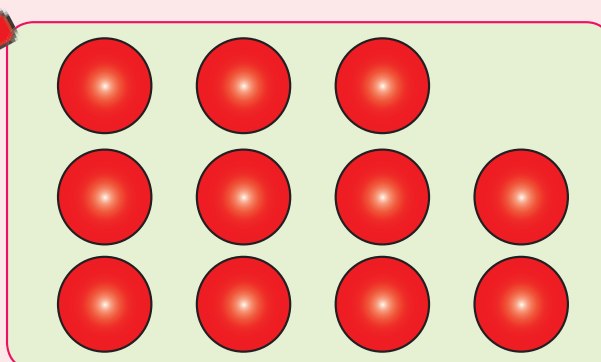
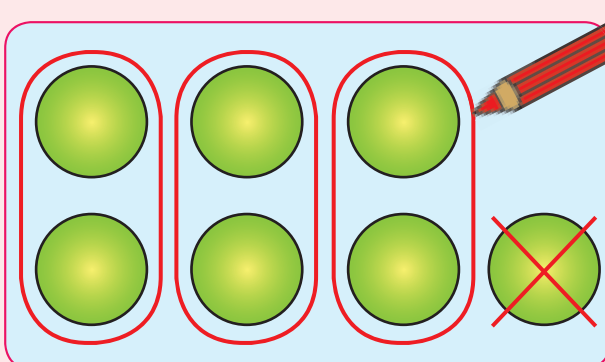
Xana ku na maapula lama saleke
endzhaku ko wa ava hi ku ringana?



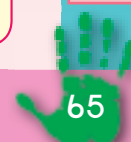
Endla mintlawo mimbirhi leyi ringanaka hi swihlayelo kutani u ba xihambano eka swihlayelo leswi saleke.



Veka swihlayelo eka 3 wa mintlawo leyi ringanaka kutani u ba xihambano eka swihlayelo leswi saleke.



Teacher:
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Date:



11 12 13 14 15 16 17 18 19 20





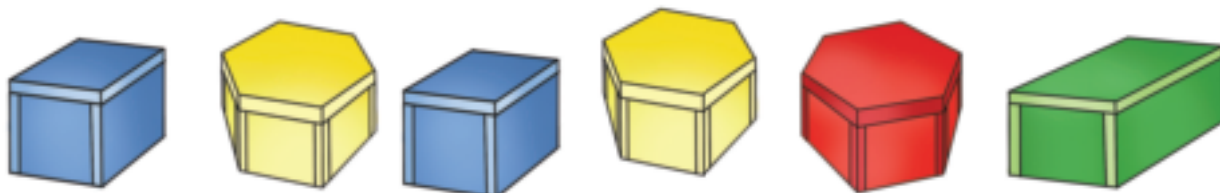
Ku aka swilo

Xana u nga aka xihondzo hi swilo hinkwaswo leswi landzelaka?
Fungha ina kumbe e-e.



Ina

E-e



Ina

E-e



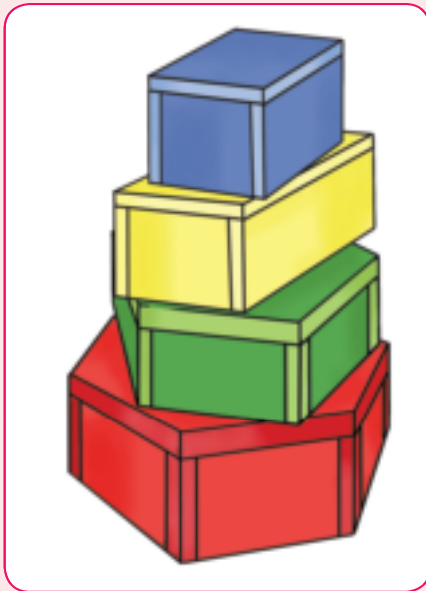
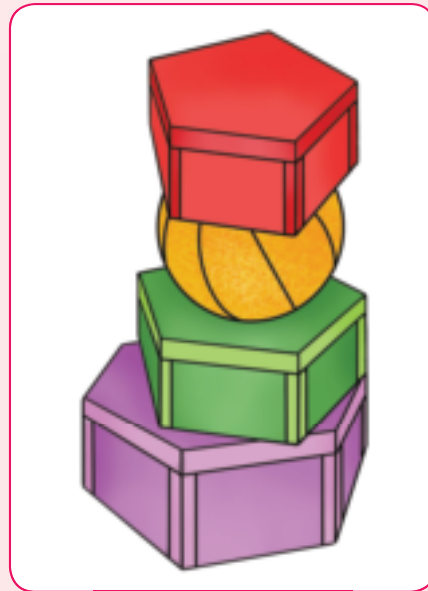
Ina

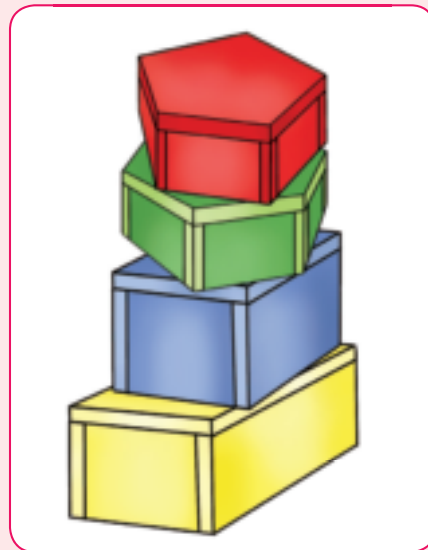
E-e





Xana xihondzo xi ta yima kumbe xi ta wa? Veka ✓ kumbe ✕.


☐

☐

☐

☐


Tirhisa khume ra mabokisi ya menci na xidamarheti ku aka muako wa wena.
Xana xidamarheti xi endla leswaku swi ku olovela?



Teacher:
Sign:

Date:



Landzelerisa tin'hweti ta lembe.
Khalara baluni ya n'hweti ya wena ya ku velekiwa.

Ku vula nkarhi

Sunguti

Nyenyenyani

Nyenyankulu

Dzivamisoko

Mudyaxihi

Khotavuxika

Mawuwani

Mhawuri

Ndzati

Nhlangula

Hukuri

N'wendzamhala



Landzelerisa masiku ya vhiki.
Khalara buloko ya siku ra namuntlha.

Musumbhunuku

Ravumbirhi

Ravunharhu

Ravumune

Ravuntlhanu

Mugqivela

Sonto

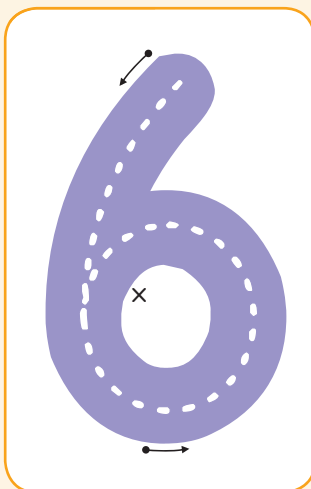


Teacher:
Sign:
Date:





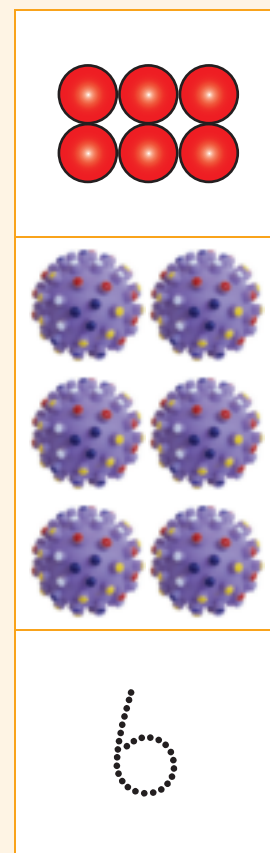
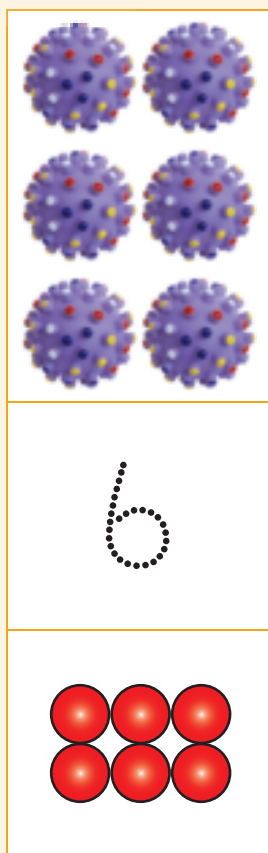
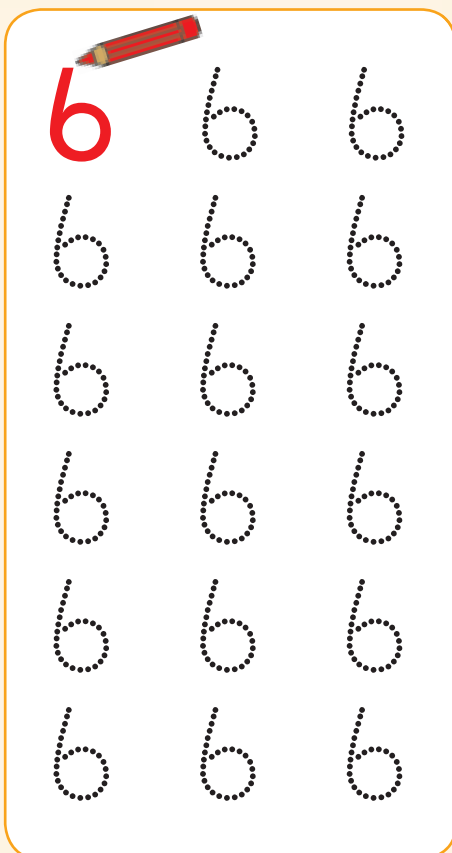
Dirowa 6 wa swirhendzevutana endzeni ka buloko.



Landzelerisa nomboro.

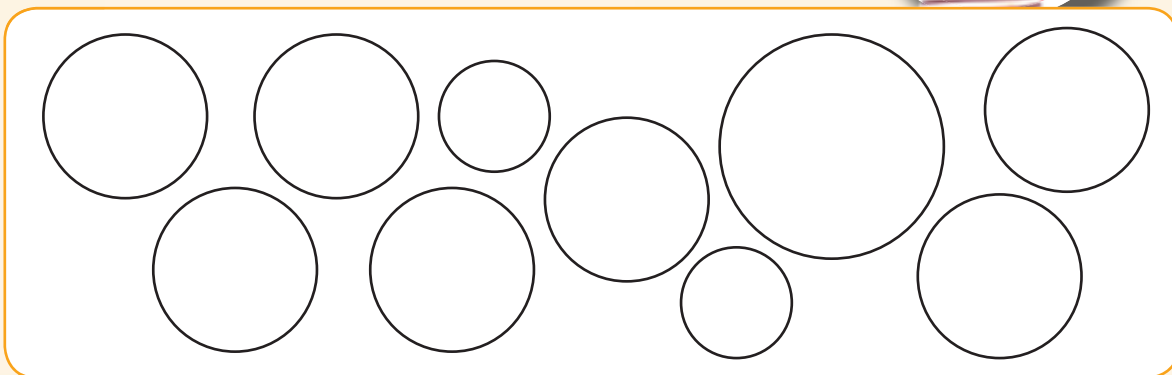


Yelanisa swifaniso.

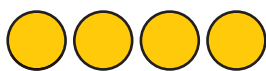




Khalara 6 wa swirhendzevutana.



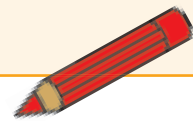
Kopunula u tlhela u dirowa swin'wana swa 6.



Titolovete ku tsala nomboro.



ntsevu



Khalara swirhendzevutana loko u ri karhi u hlayela.



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Date:



Dirowa 7 wa swikwere endzeni ka buloko.

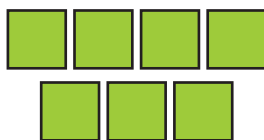
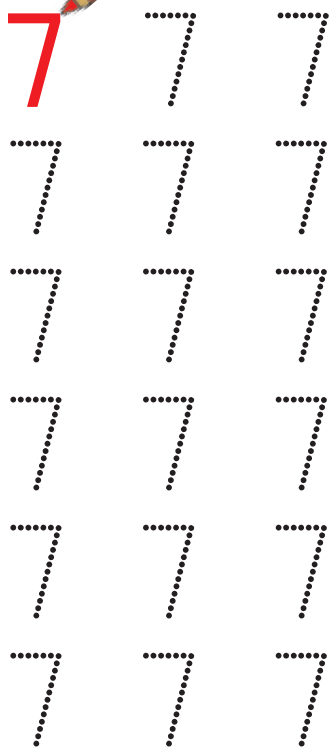
Nkombo



Landzelerisa nomboro.



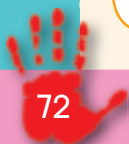
Yelanisa swifaniso.



nkombo

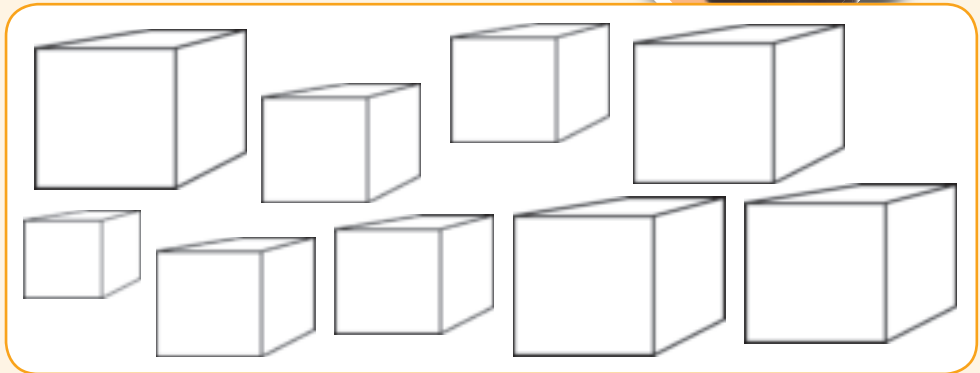
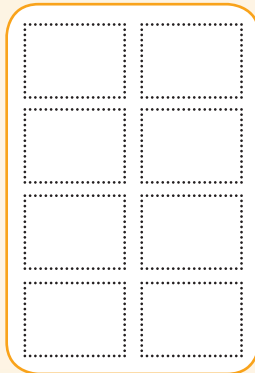
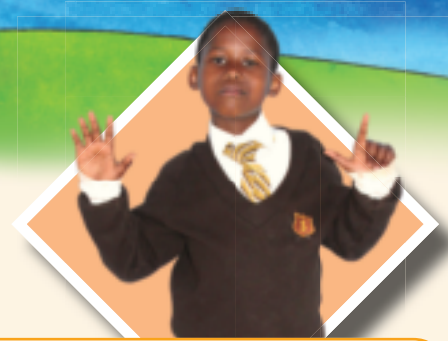


nkombo





Khalara 7 wa tiyinhlamune na 7 wa tibuloko.



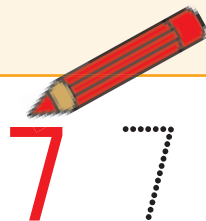
Kopunula u tlhela u dirowa swin'wana swa 7.



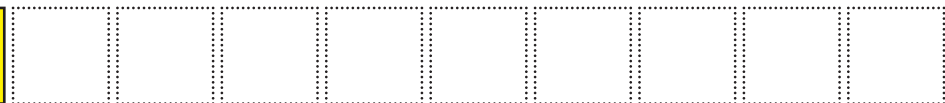
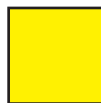
Titolovete ku tsala nomboro.



nkombo



Khalara swikwere loko u ri karhi u hlayela.



Teacher:
Sign:

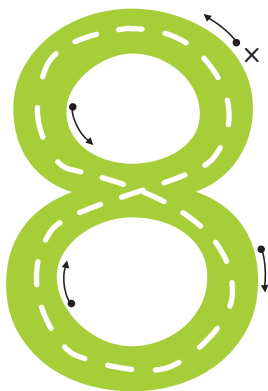
Date:





Dirowa 8 wa swivumbeko endzeni ka buloko.

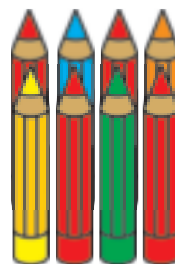
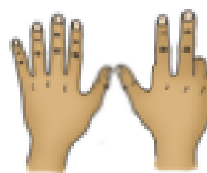
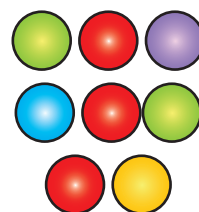
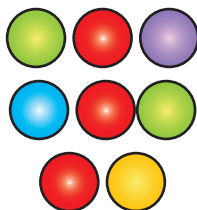
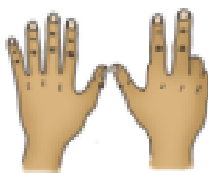
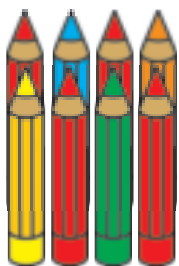
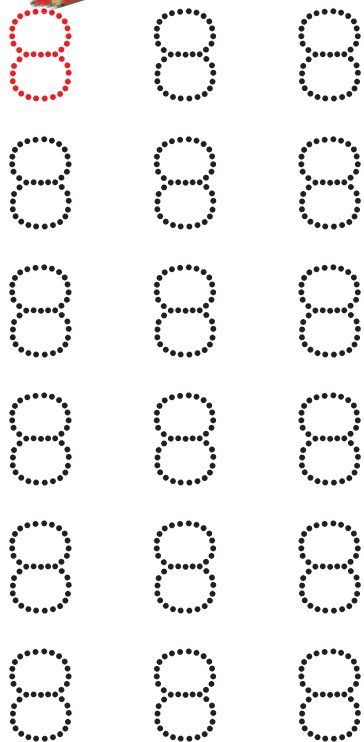
Nhungu



Landzelerisa nomboro.



Yelanisa swifaniso.

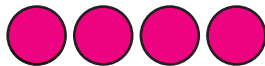




Khalara 8 wa tingeleti.



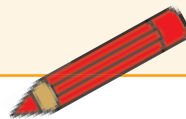
Kopunula u tlhela u dirowa swin'wana swa 8.



Titolovete ku tsala nomboro.



nhungu



Khalara swirhendzevutana loko u ri karhi u hlalela.



Teacher:

Sign:

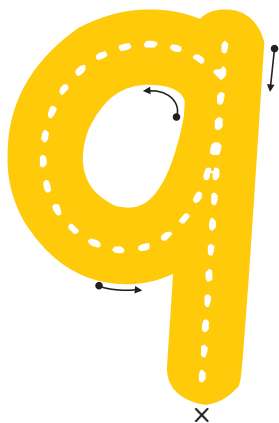
Date:





Dirowa 9 wa timbilu endzeni ka buloko.

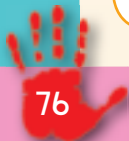
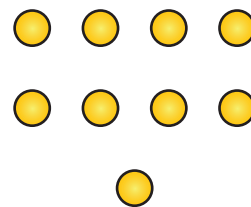
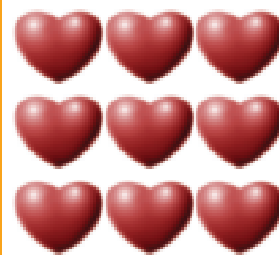
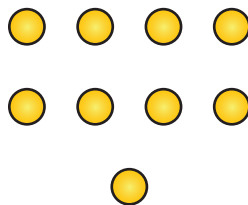
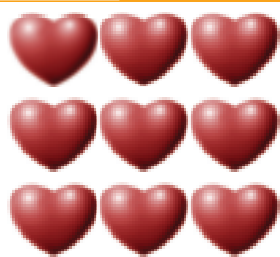
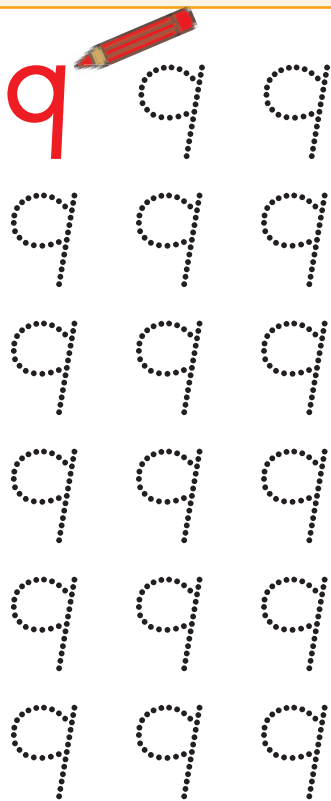
Kaye



Landzelerisa nomboro.

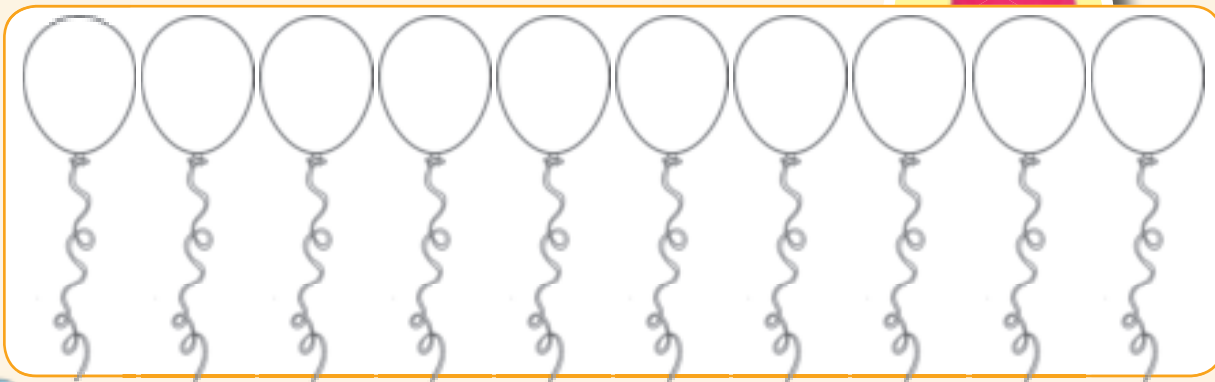


Yelanisa swifaniso.

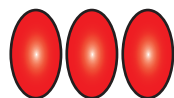




Khalara tibaluni ta kaye.



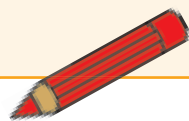
Kopunula u tlhela u dirowa swin'wana swa 9.



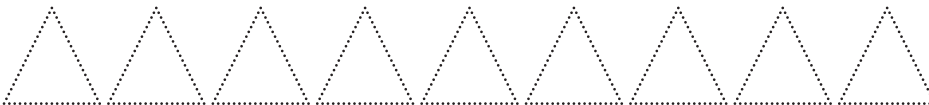
Titolovete ku tsala nomboro.



kaye



Khalara tiyinhlanharhu loko u ri karhi u hlayela.



Teacher:
Sign:

Date:





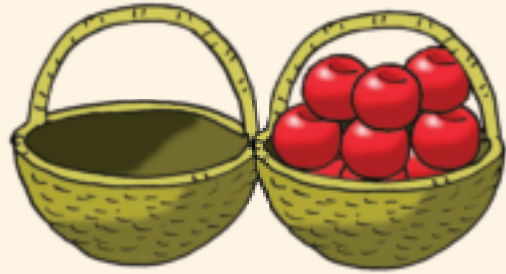
Ku tala na ku va hava nchumu

Khalara nhlamulo leyi faneleke.
Xana swibye swi tele kumbe swi hava nchumu?



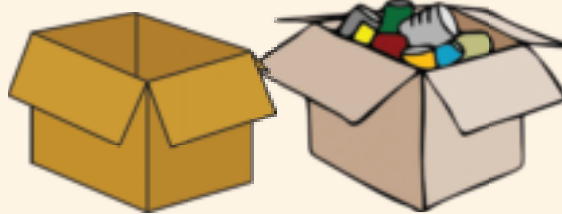
ri hava nchumu ri tele

ri hava nchumu ri tele



ri hava nchumu ri tele

ri hava nchumu ri tele



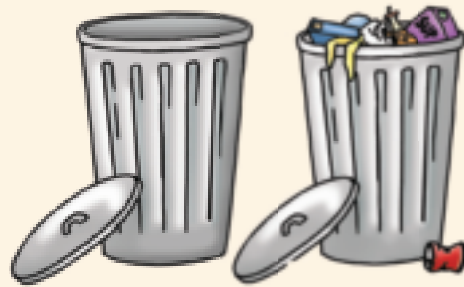
ri hava nchumu ri tele

ri hava nchumu ri tele



yi hava nchumu yi tele

yi hava nchumu yi tele



ri hava nchumu ri tele

ri hava nchumu ri tele



ri hava nchumu ri tele

ri hava nchumu ri tele

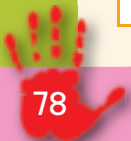


ri hava nchumu ri tele

ri hava nchumu ri tele

ku tala

ku hava
nchumu





Khalara nhlamulo leyi faneleke.
Xana swibye swi tele kumbe swi hava nchumu?

xi tele

xi hava
nchumu



xi hava nchumu

xi tele

xi hava nchumu

xi tele

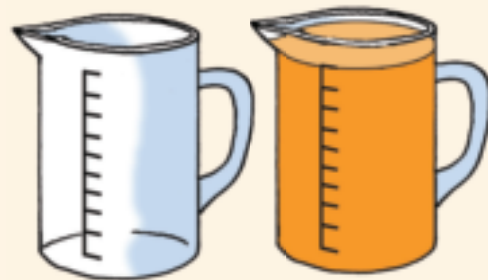


xi hava nchumu

xi tele

xi hava nchumu

xi tele

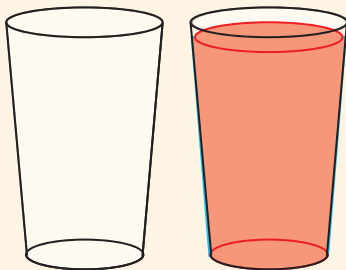


xi hava nchumu

xi tele

xi hava nchumu

xi tele



xi hava nchumu

xi tele

xi hava nchumu

xi tele



xi hava nchumu

xi tele

xi hava nchumu

xi tele

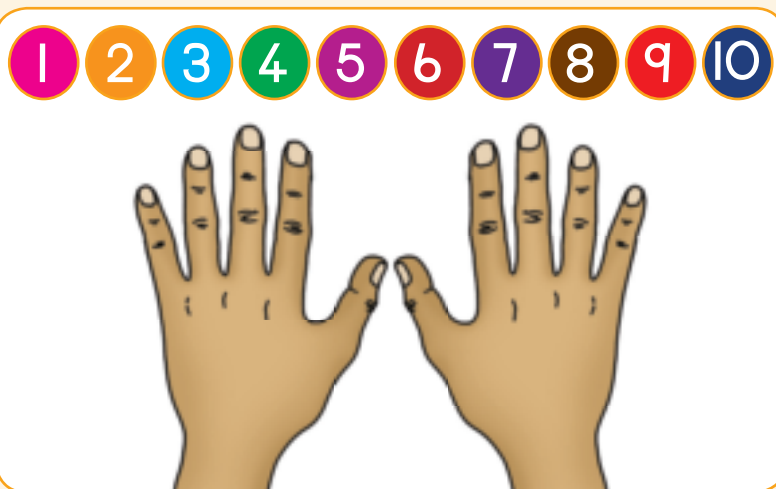
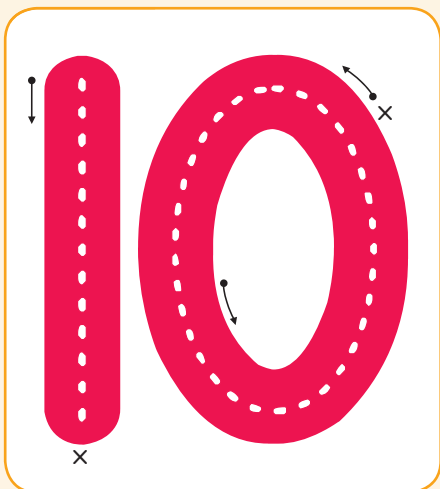


Teacher:
Sign:

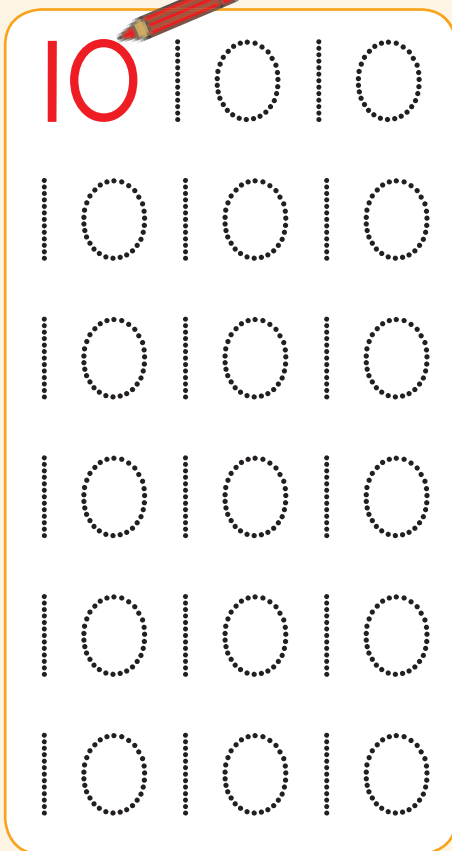
Date:



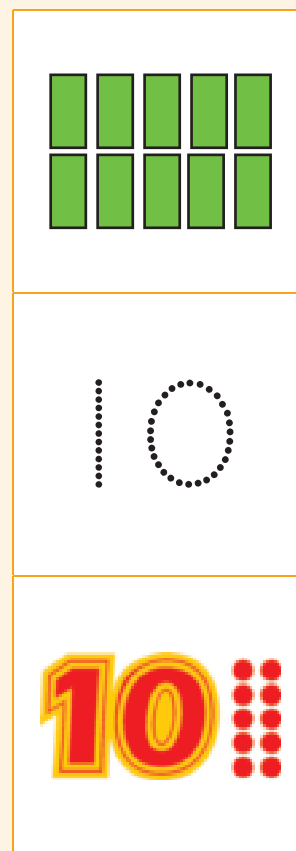
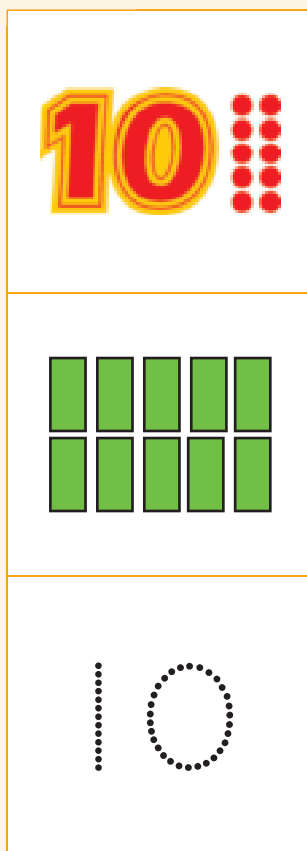
Hlayela tintiho eswandleni swa wena.



Landzelerisa nomboro.



Yelanisa swifaniso.





Khalara IO wa mihandzu.



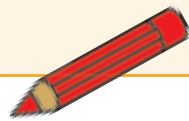
Kopunula u tlhela u dirowa swin'wana swa IO.



Titolovete ku tsala nomboro.

10

khume



10

10

10



Khalara tiyinhlamune loko u ri karhi u hlalela.



Teacher:

Sign:

Date:

11

12

13

14

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16

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18

19

20

81



Tinomboro ta 1 ku fika eka 10

Tirhisa tintiho ta wena ku endla tinomboro leti landzelaka. Kutani kopunula tinomboro.

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





Ku tsala tinomboro ta 6 – 10

Titolovete ku tsala tinomboro leti.



6

ntsevu



6 6 6 6



7

nkombo

7 7



8

nhungu

8 8



9

kaye

9 9



10

khume

10 10



Teacher:
Sign:
Date:

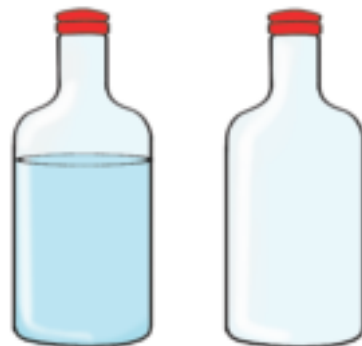




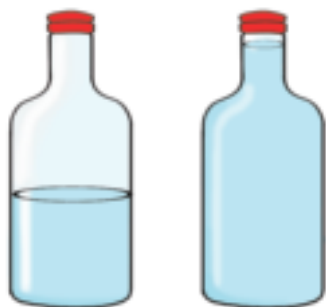
Vundzeni



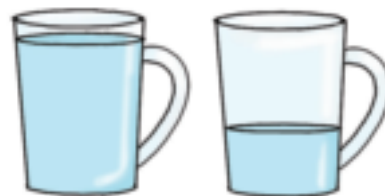
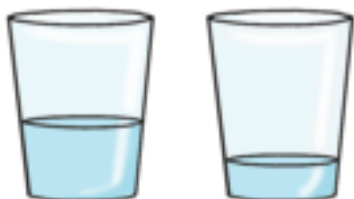
Dirowa mati yan'wana endzeni ka xibye lexi nga exineneni.



Fungha xibye lexi khomeke yo tala.

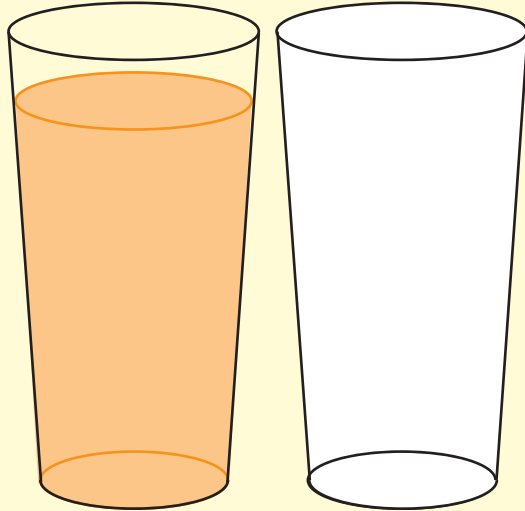


Fungha xibye lexi khomeke lamatsongo.

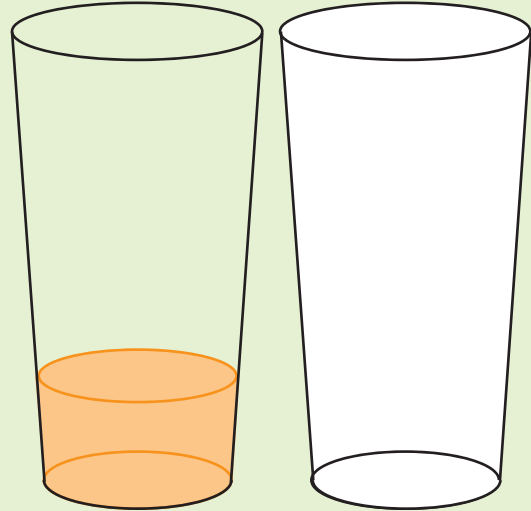




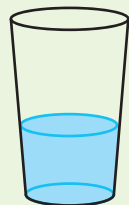
Khalara nghilazi ya vumbirhi leswaku yi va na juzi leyi nga ehansi ka ya nghilazi yo sungula.



Khalara nghilazi ya vumbirhi leswaku yi va na juzi leyi taleke ku tlula ya nghilazi yo sungula.



Bana xirhendzevutana eka ku tlula, ehansi ka kumbe ku ringana na.



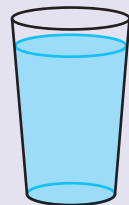
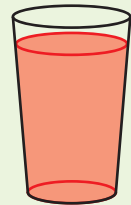
Nghilazi ya wasi yi

tlula

le hansi
ka

ringana
na

nghilazi yo tshwuka.



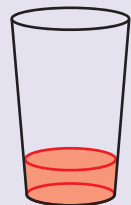
Nghilazi ya wasi yi

tlula

le hansi
ka

ringana
na

nghilazi yo tshwuka.



Nghilazi ya wasi yi

tlula

le hansi
ka

ringana
na

nghilazi yo tshwuka.



tlula

le hansi ka



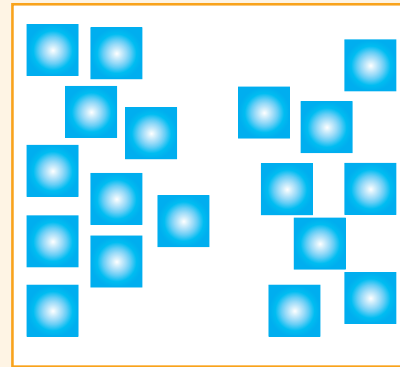
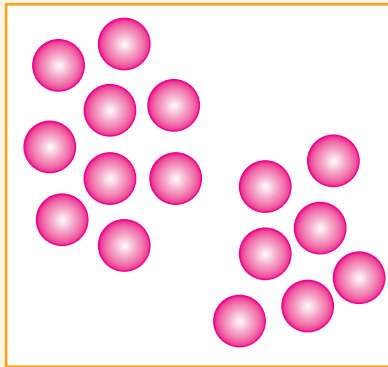
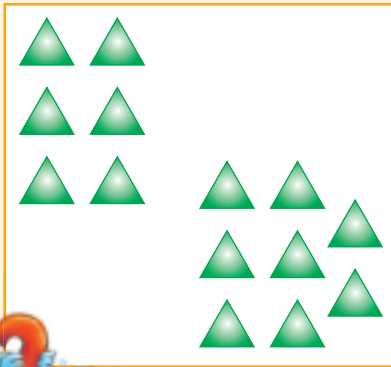
Teacher:
Sign:
Date:



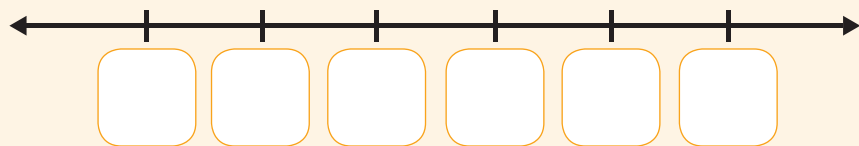
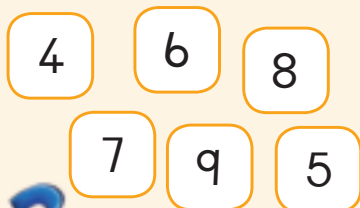
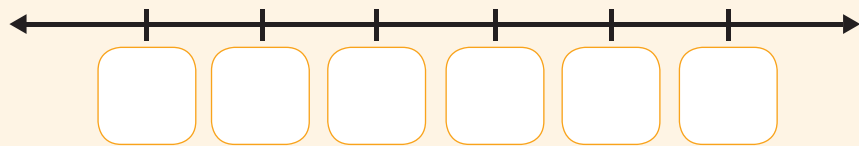
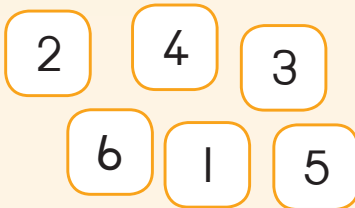
Tinomboro ta 1 ku fika eka 10



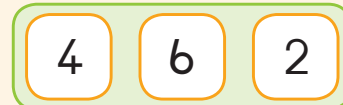
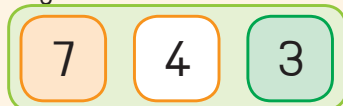
Eka buloko yin'wana na yin'wana, tsala xirhendzevutana eka ntlawa lowu nga na swivumbeko leswitsongo.



Tsala tinomboro ku suka eka leyitsongo swinene ku ya eka leyikulu swinene eka ndzhati wa mintsengo.



Khalara nomboro leyitsongo swinene hi muhlovo wa rihlaza kutani nomboro leyikulu swinene yi va hi muhlovo wa xilamula.



Lulamisa leswi landzelaka. U nga dirowa swifaniso ku ku pfuna.

Engetela xin'we eka 5.

Hunguta xin'we eka 5.

Engetela swimbirhi eka 6.

Hunguta swimbirhi eka 7.



Ntila wa vuhlalu



Tsala tinomboro leti siyiweke.

10 number lines for counting practice:

- Line 1: 1 (red pencil), 2, 3, 4, 5, 6, 7, 8, 9, 10
- Line 2: 1, 2, 3, (), 5, 6, 7, 8, 9, 10
- Line 3: 1, 2, 3, (), (), 6, 7, 8, 9, 10
- Line 4: 1, 2, (), 4, 5, 6, (), 8, (), 10
- Line 5: 1, 2, 3, (), 5, 6, 7, (), (), 10
- Line 6: (), 2, (), 4, 5, (), 7, 8, (), 10
- Line 7: 1, (), 3, 4, 5, 6, 7, (), 9, ()
- Line 8: (), (), (), (), (), (), (), (), (), ()
- Line 9: 10, 9, 8, 7, 6, 5, (), (), (), ()



Teacher: _____
Sign: _____
Date: _____



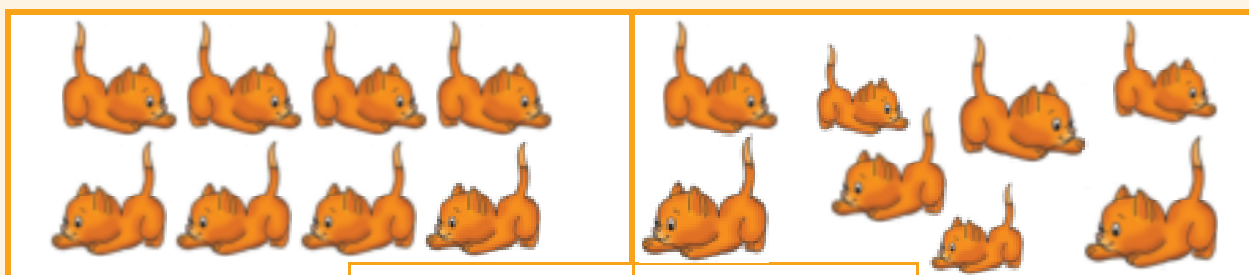
Ku tala, ku ringana na hansi ka

Yelanisa swilo leswi nga eka tlhelo ra ximatsi na leswi nga eka tlhelo ra xinene.
Khalara nhlamulo leyi faneleke.



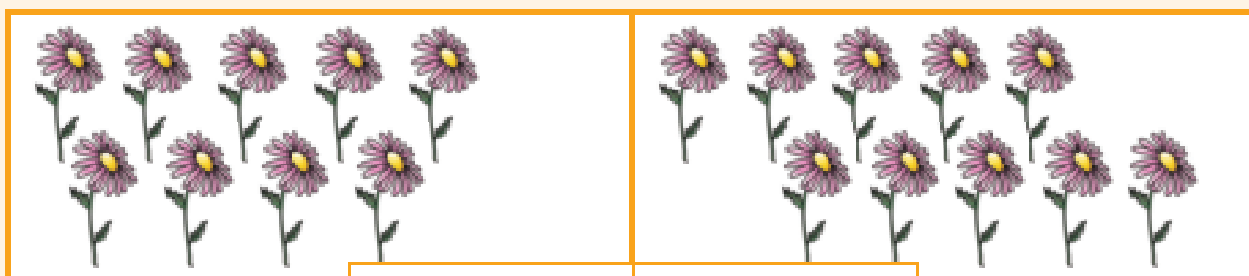
swa fana

a swi fani



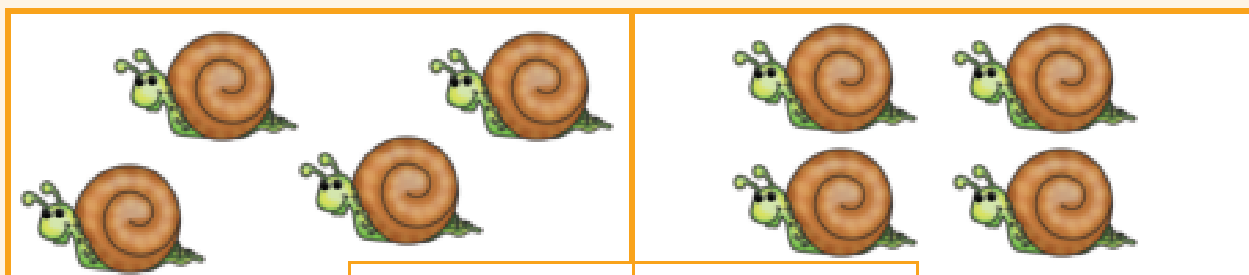
swa fana

a swi fani



swa fana

a swi fani

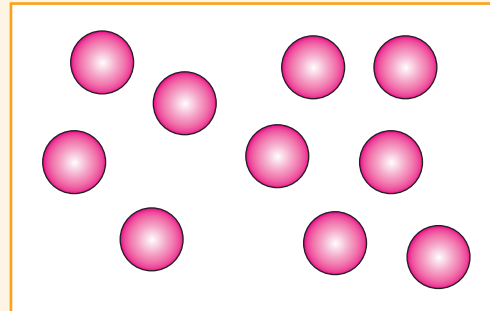
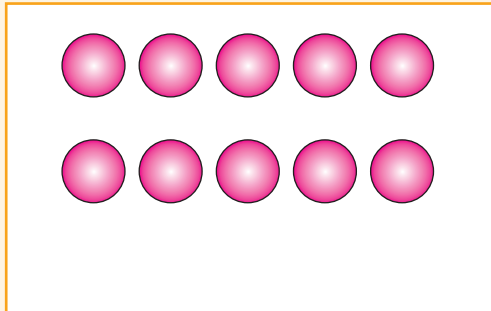


swa fana

a swi fani



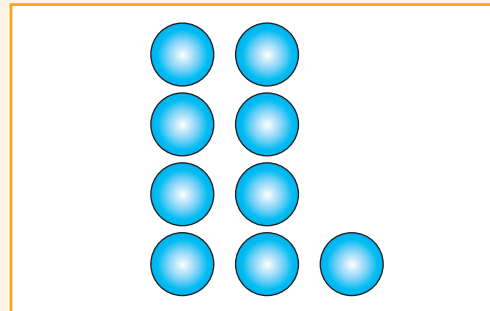
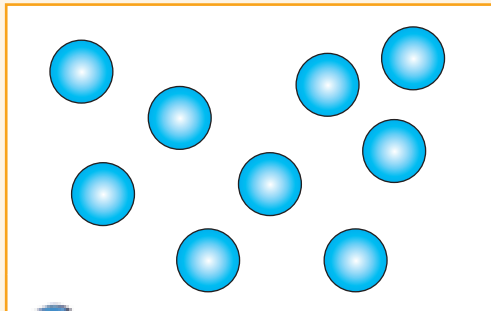
Vula loko buloko ya vumbirhi yi tlula, yi ri yitsongo eka kumbe yi ringana na buloko yo sungula. Khalara nhlamulo leyi faneleke.



tala

ringana

hansi ka



tala

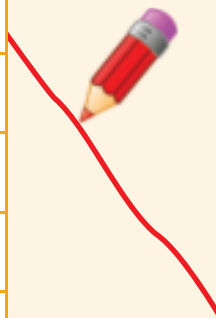
ringana

hansi ka



Yelanisa tinomboro na minchumu.

1
2
3
4
5
6
7
8
9
10



10
9
8
7
6
5
4
3
2
1

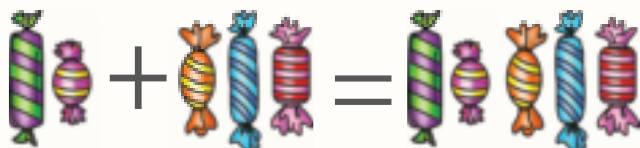


Teacher:
Sign:
Date:

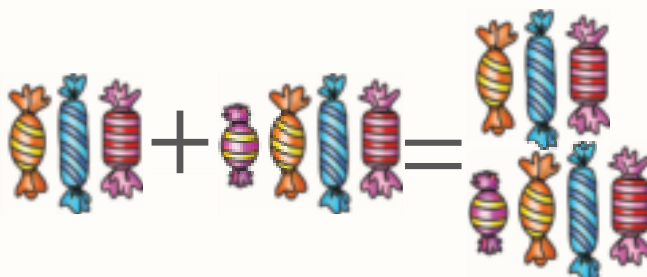


Ku hlanganisa malekere

Hlanganisa malekere kutani u tsala tinhlamulo.



$$2 + 3 = 5$$



$$3 + 4 =$$



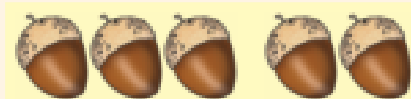
Hlanganisa tinomboro.



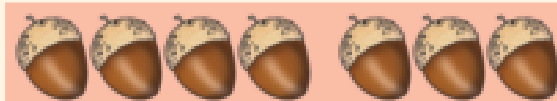
$$5 + 1 = 6$$



$$5 + 0 =$$



$$3 + 2 =$$



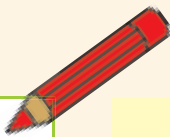
$$4 + 3 =$$





Ringeta leswi landzelaka.

$$3 + 6 = 9$$



$$4 + 0 = 4$$

$$0 + 5 = 5$$

$$6 + 0 =$$

$$2 + 2 =$$

$$1 + 3 =$$

$$2 + 5 =$$

$$5 + 0 =$$

$$1 + 8 =$$

$$4 + 2 =$$

$$1 + 1 =$$

$$0 + 7 =$$

$$3 + 2 =$$

$$5 + 3 =$$

$$7 + 2 =$$

$$4 + 4 =$$

$$5 + 1 =$$

$$4 + 3 =$$

$$2 + 6 =$$

$$8 + 2 =$$



Teacher:

Sign:

Date:



11

12

13

14

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16

17

18

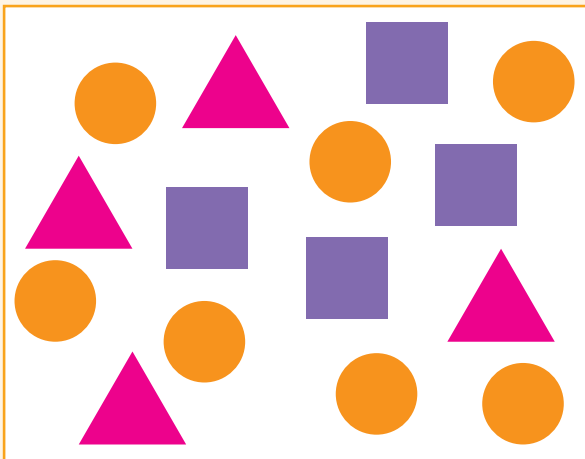
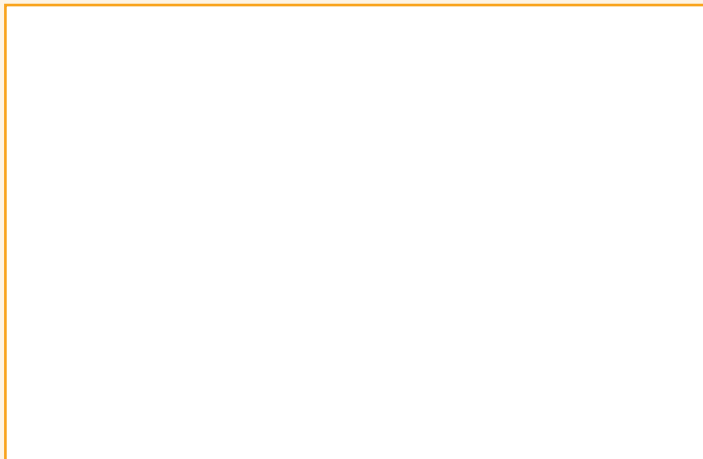
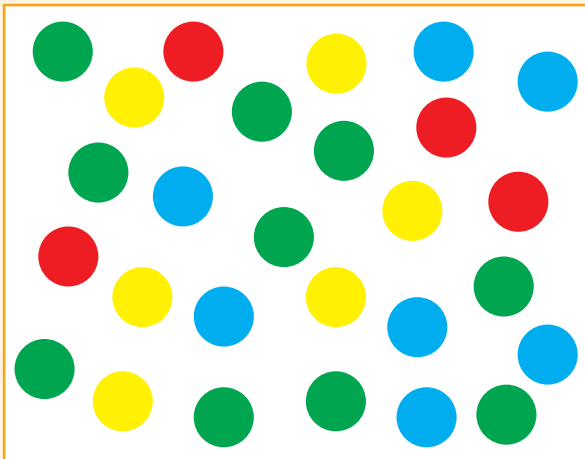
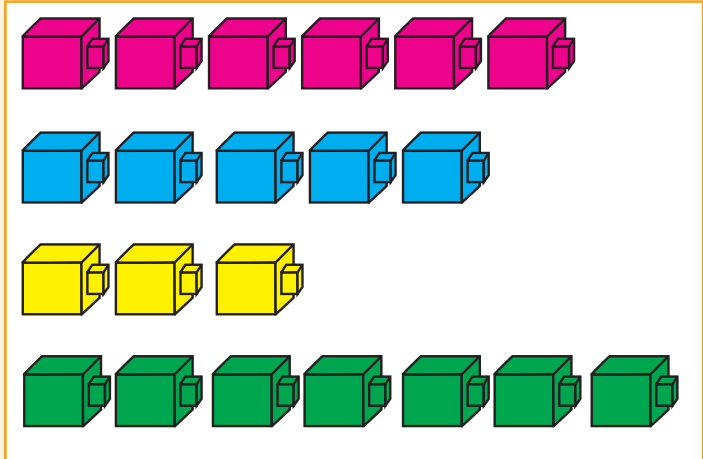
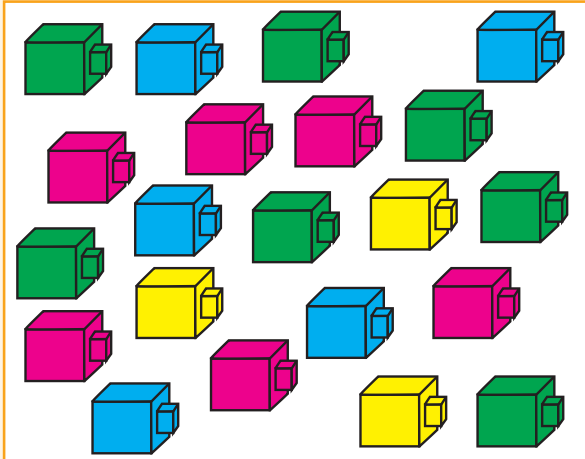
19

20



Ku hlengeleta na ku lulamisa

Hlawula no dirowa nhlengeleto wa leswi u swi hlawuleke.





Hlawula matluka lama landzelaka hi ku dirowa.



Ku na matluka mangani ya **xitshopana**?

Ku na matluka mangani ya **xilamula**?

Ku na matluka mangani ya **rihlaza**?



Teacher:
Sign:
Date:

Ku hlanganisa ku fika eka 10: ku hlayela u ya emahlweni



Dirowa xifaniso u tlhela u tsala xivulwa xa tinomboro eka xin'wana na xin'wana

Sarah u na 3 wa swiwitsi. Sipho u na 2 wa swiwitsi. Xana va na swiwitsi swingani hinkwavo?



A hi hlayeleni:

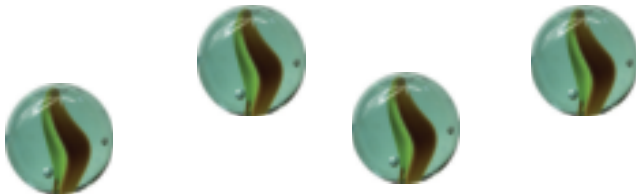
3

4

5

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

Ndzi na 4 wa timabulu ndzi tlhela ndzi wina 3 wa timabulu tin'wana. Xana ndzi na timabulu tingani?



A hi hlayeleni:

4

5

6

7

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

Ku na 5 wa maphaphatana. Ya joyiniwa hi man'wana mambirhi. Ku na maphaphatana mangani loko ya hlanganile hinkwawo?



A hi hlayeleni:

6

5

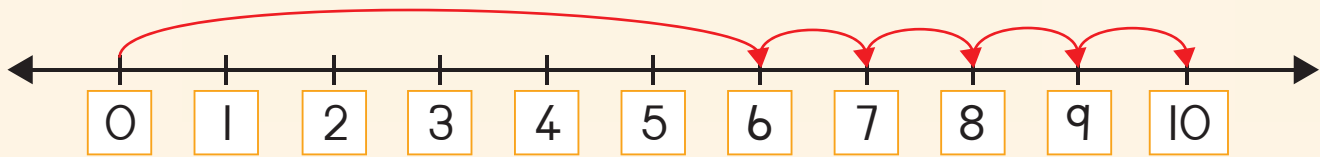
4

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

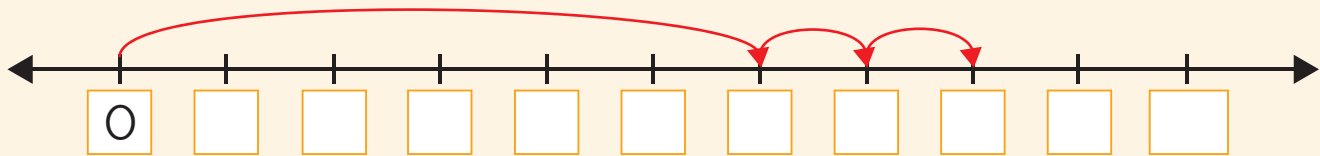




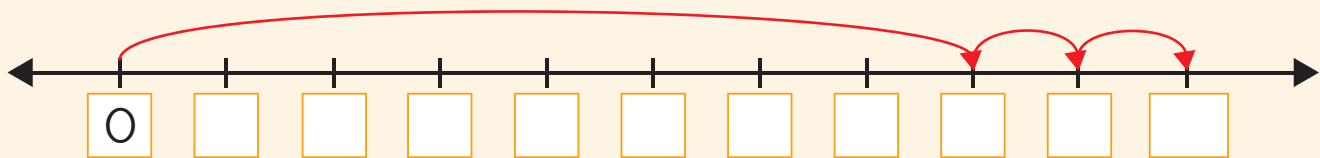
Tsala tinomboro eka ndzhati wa mintsengo kutani u tsala xivulwa xa tinomboro eka yin'wana na yin'wana.



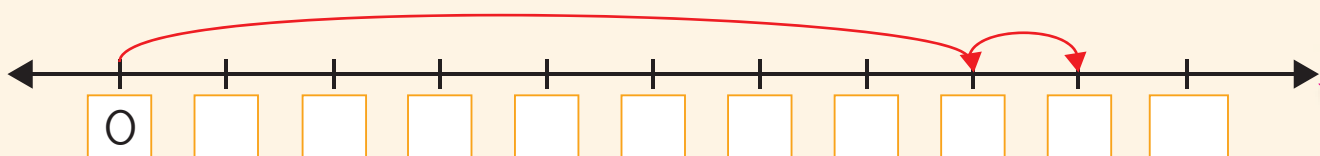
$$6 + 4 = \square$$



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



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



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



Teacher:
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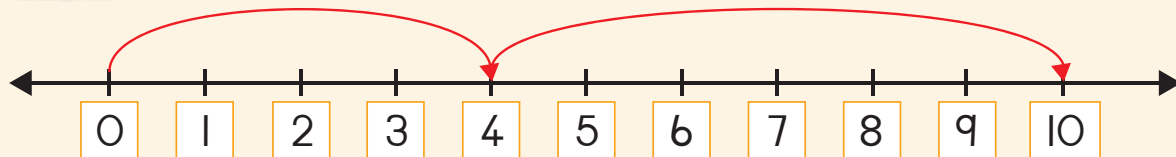
Ku hlanganisa: ku aka no tlhantlha ku fika eka 10

Khalara ku kombisa leswi landzelaka.

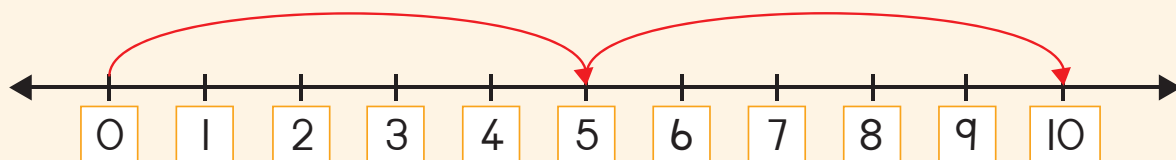
1 + 9		
2 + 8		
3 + 7		
4 + 6		
5 + 5		



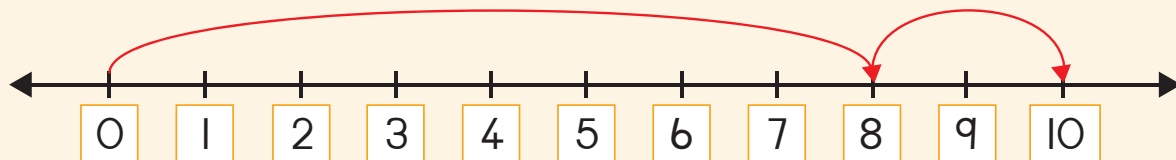
Tsala nhlayo ya:



$$4 + 6 = \square$$



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



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





Tirhisa nhlayo ya swiluva ku endla xivulwa xa wena xa tinomboro.



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



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



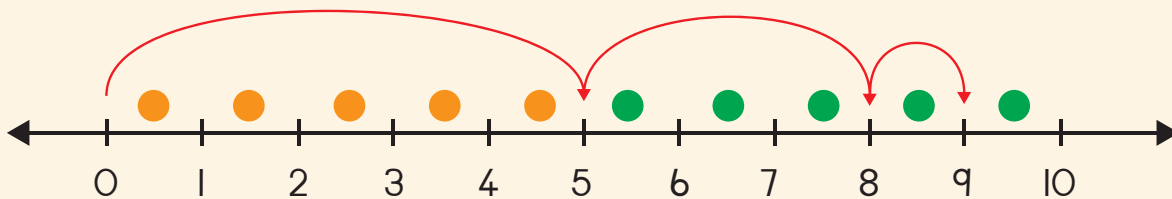
$$\square + \square + \square = \square$$



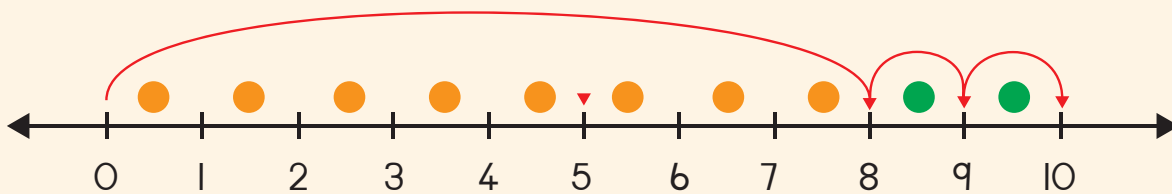
$$\square + \square + \square = \square$$



Tsala nhlayo ya:



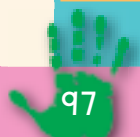
$$\square + \square + \square = \square$$



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



Teacher:
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Date:





Ku andzisa kambirhi na ku hafula

Hlamula leswi faneleke.

Xana u vona vanhwanyana vangani?



Sweswi u vona vanhwanyana vangani?



I kambirhi i 2. Ku ta humelela yini loko hi hafula nomboro ya vanhwanyana?

Xana u vona mikondzo yingani?



Sweswi u vona mikondzo yingani?



Hi ri 2 kambirhi i 4.
Xana hafu ya 4 yi ta va yini?

Xana u vona mavhilwa mangani?



Sweswi u vona mavhilwa mangani?



Hi ri 3 kambirhi i 6.
Xana hafu ya 6 yi ta va yini?

Xana u vona milenge yingani?



Sweswi u vona milenge yingani?

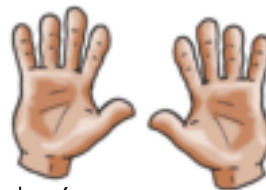


Hi ri 4 kambirhi i 8.
Xana hafu ya 8 yi ta va yini?

Xana u vona tintiho tingani?



Sweswi u vona tintiho tingani?



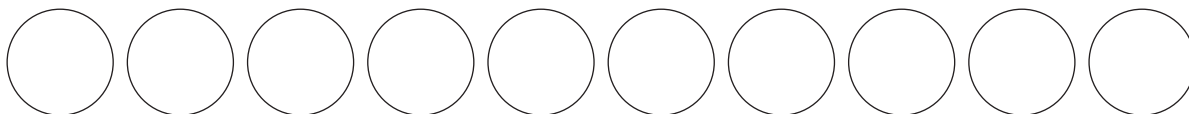
Hi ri 2 kambirhi i 4.

Xana hafu ya 4 yi ta va yini?



Lulamisa leswi landzelaka hi ku khalara. Tsala nhlayo.

Ndzi na 4 wa timabulu kasi munghana wa mina u na 4. Hinkwerhu hi na timabulu tingani loko ti hlanganile hinkwato? Khalara nomboro leyi faneleke ya timabulu.


 + =


Hlamula leswi landzelaka.

1 kambirhi i

2 kambirhi i

3 kambirhi i

4 kambirhi i

5 kambirhi i

Hafu ya 2 i

Hafu ya 4 i

Hafu ya 6 i

Hafu ya 8 i

Hafu ya 10 i



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Date:



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99

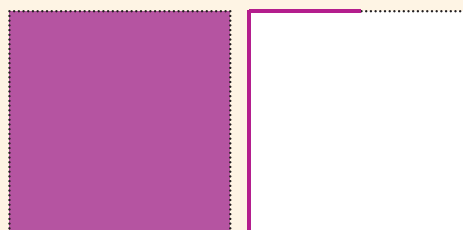
48a

Kotara ya 2

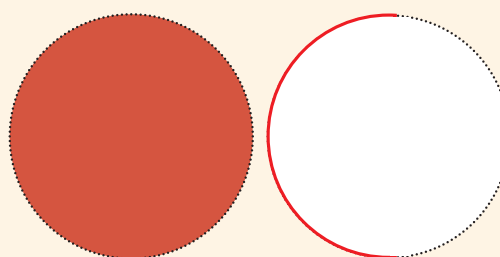


Hetisa swifaniso leswi.

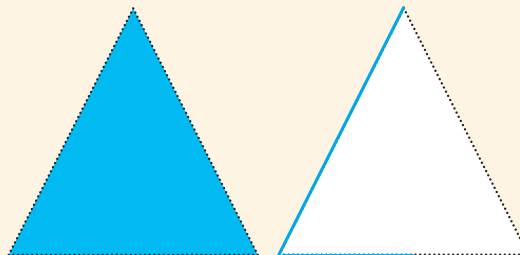
xikwere



xirhendzevutana



yinhlanharhu

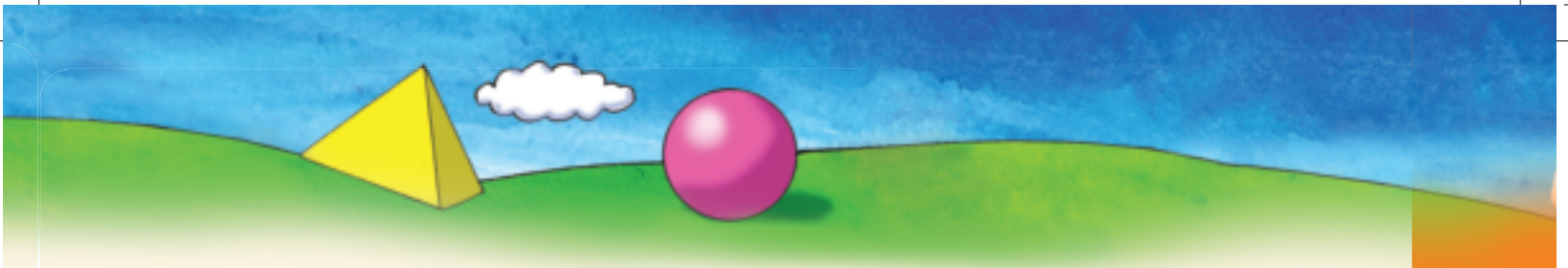


yinhlamune

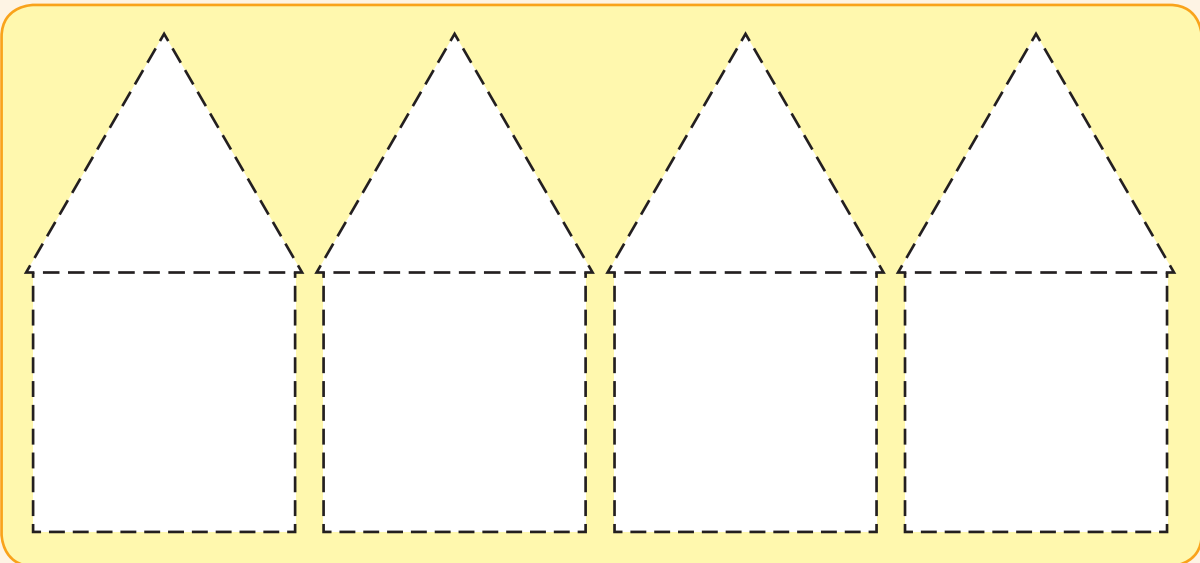
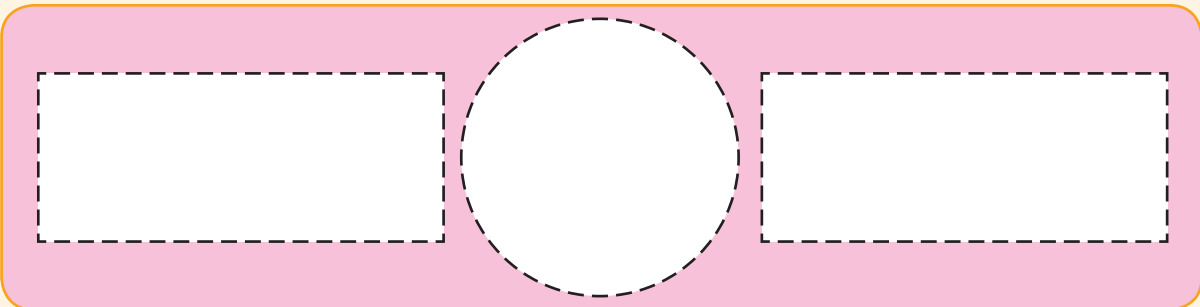
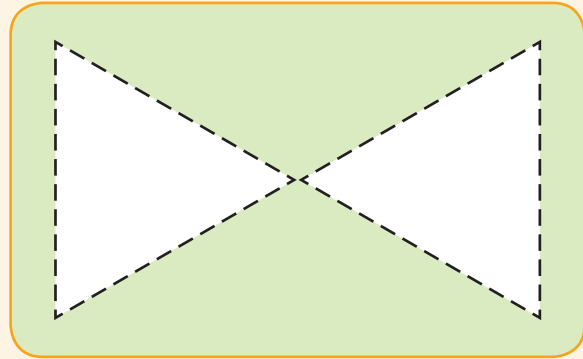
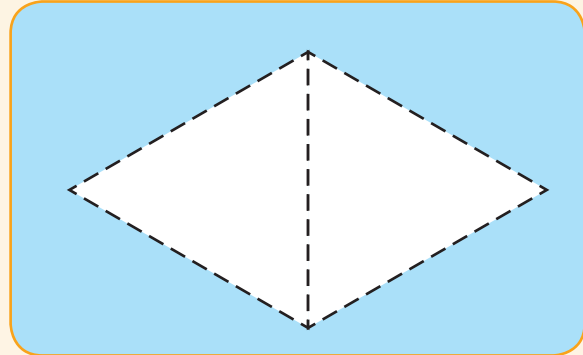
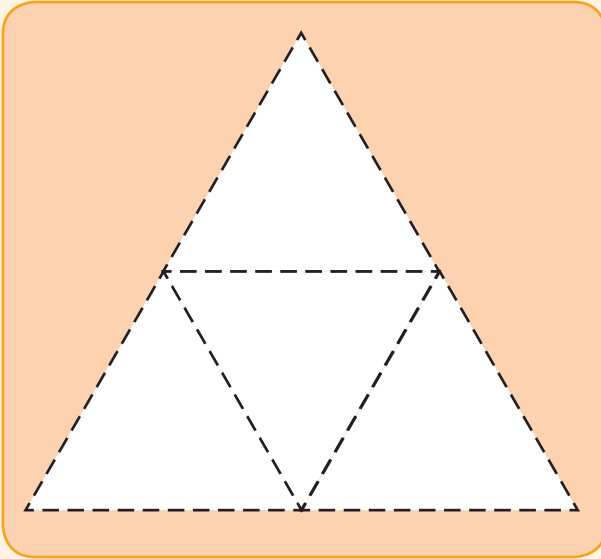


Tirhisa swivumbeko swa mune leswi nga laha henhla ku dirowa xifaniso.
U nga tirhisa swivumbeko ko tala.





Tirhisa swivumbeko leswi
tsemiweke ku vumba
swivumbeko leswi landzelaka.



Teacher:
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Date:



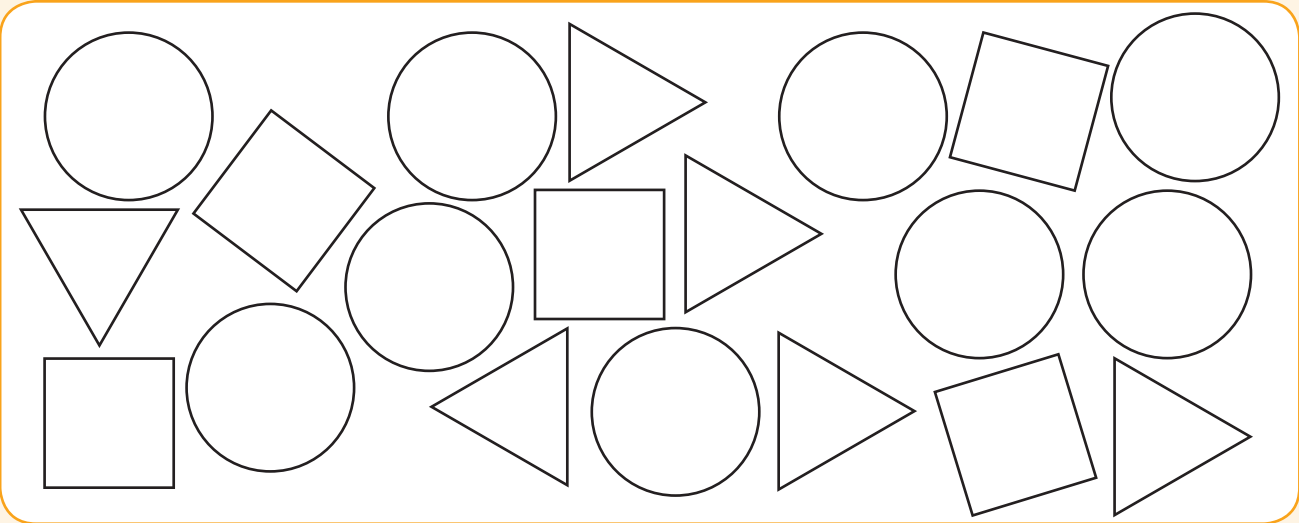
48b

Kotara ya 2



Swivumbeko swin'wana swa 2 wa matlhelo

Hlawula swivumbeko u tlhela u dirowa swihlawuriwa swa wena.



Yinhlanharhu

Xirhendzevutana

Xikwere

Ku na tiyinhlanharhu tingani?

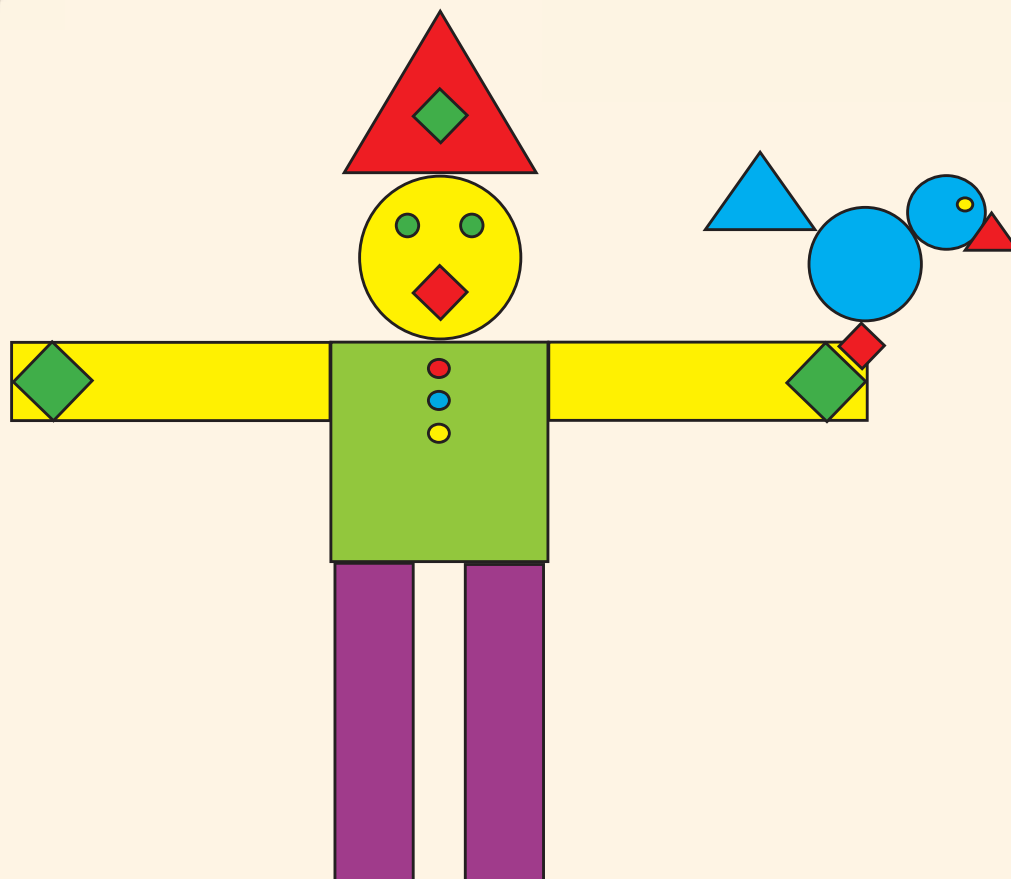
Ku na swirhendzevutana swingani?

Ku na swikwere swingani?



Lava swivumbeko

Lava swivumbeko swo hambana kutani u swi hlayela.



☐	Xana u kumile swikwere swingani?	
☐	Xana u kumile swirhendzevutana swingani?	
<input type="triangle"/>	Xana u kumile tiyinhlanharhu tingani?	
<input type="rectangle"/>	Xana u kumile tinhlamune tingani?	



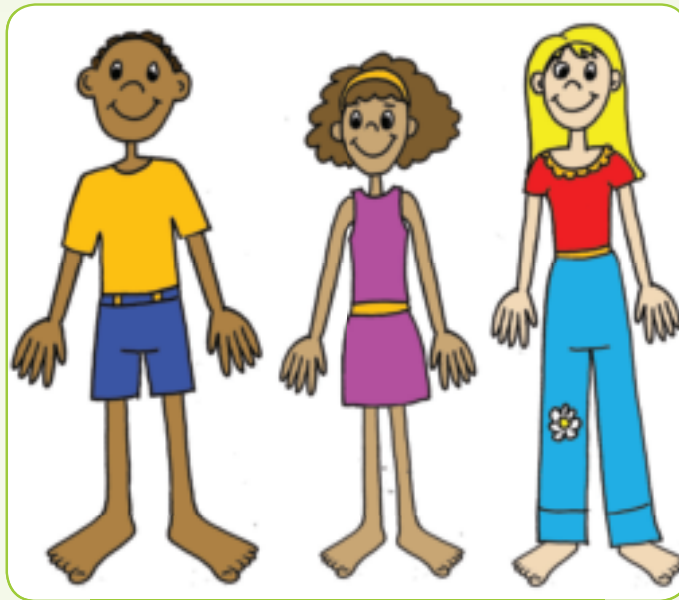
Teacher:
Sign:

Date:



Mintlawa ya mbirhi ku fika eka 10

Hlamula swivutiso:



Xana u vona vana vangani?

Xana u vona tiphere tingani ta mikondzo?

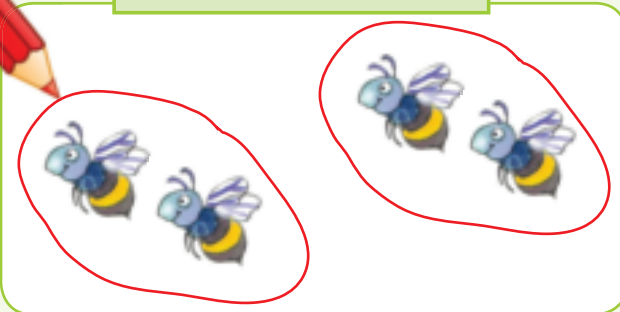
Tsala nhlayo ya tiphere ta mikondzo.

$$2 + 2 + 2 =$$

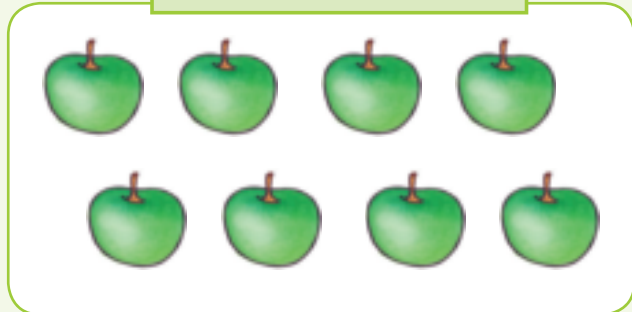


Dirowa swirhendzevutana eka leswi landzelaka ku endla:

2 wa mintlawa ya 2



4 wa mintlawa ya 2





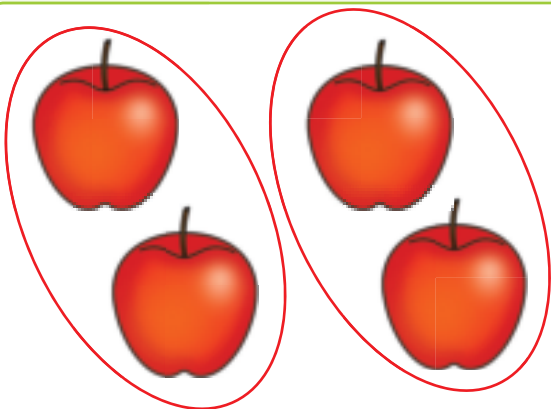
5 wa mintlawwa ya 2



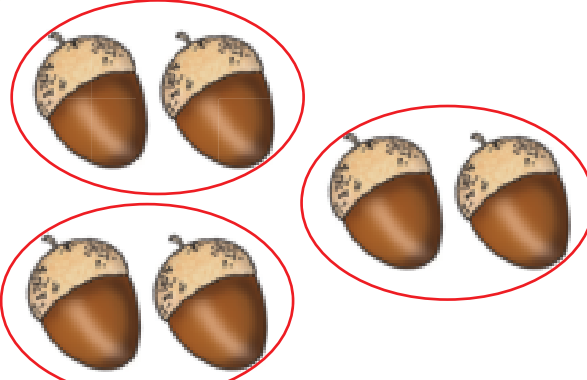
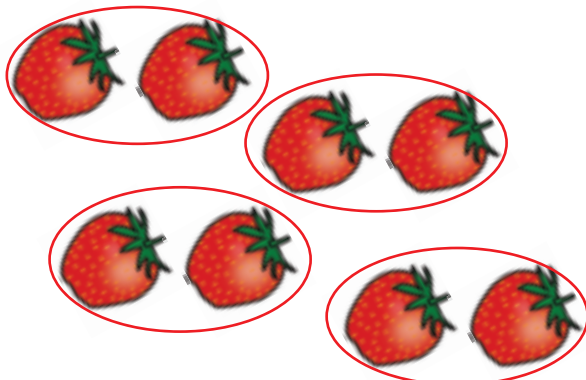
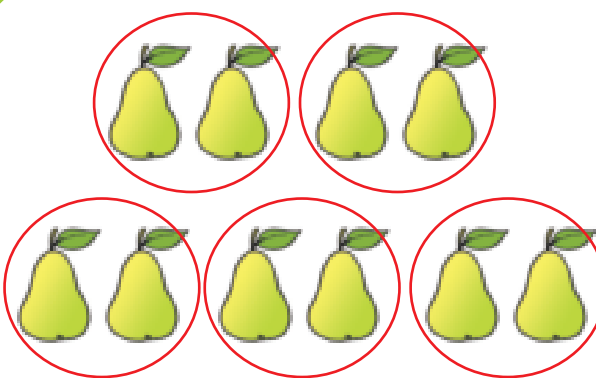
3 wa mintlawwa ya 2



Tsala nhlayo ya leswi landzelaka:



$2 + 2 =$



Teacher:
Sign:

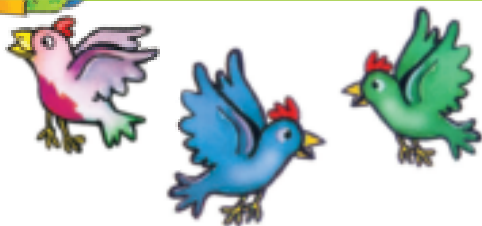
Date:





Ku hlanganisa loku vuyeleriweke ka vumbirhi ku fika
eka 10

Ku na milenge yingani? Tsala nhlayo ya yona.



$$2 + 2 + 2 = 6$$



Khakhuleta kutani u dirowa xifaniso.

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

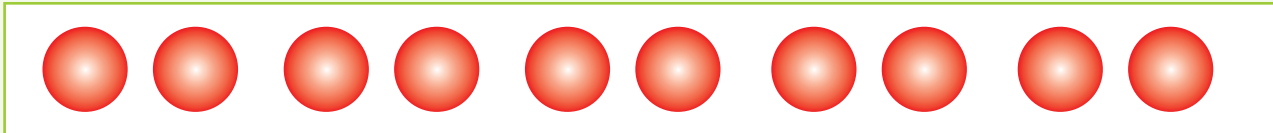

$$\boxed{2} + \boxed{2} + \boxed{2} = \boxed{}$$

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

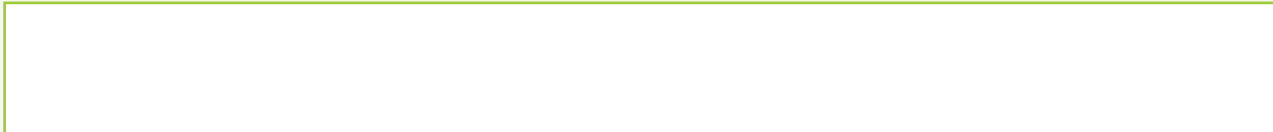
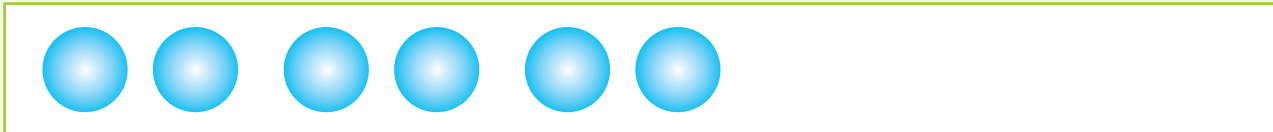
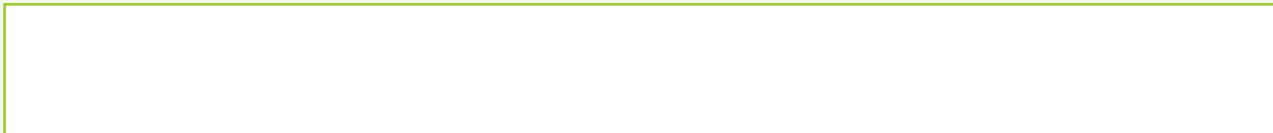
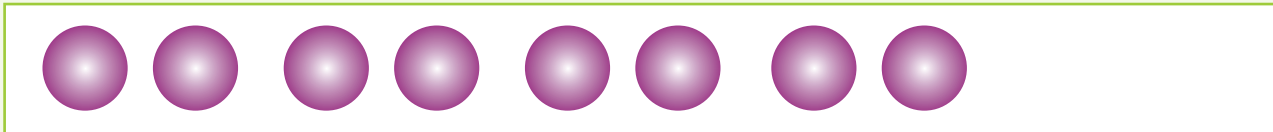
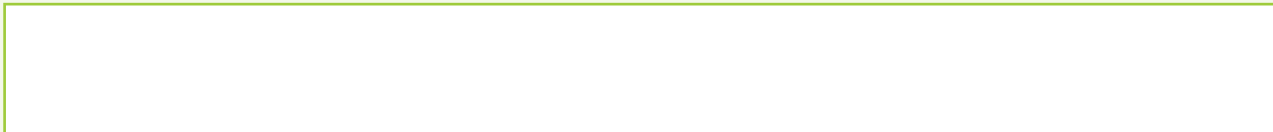
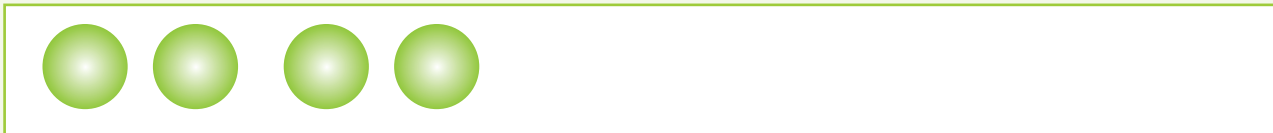
$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{}$$



Tsala nhlayo ya:



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



Hlayela tinomboro leti hi vumbirhi kutani u khalara vumbirhi hinkwabyo.

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



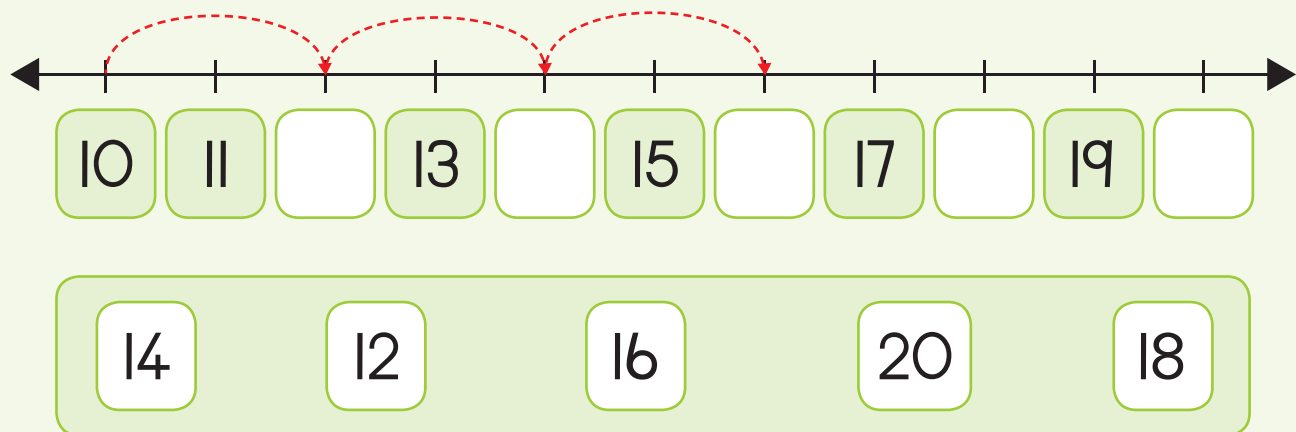
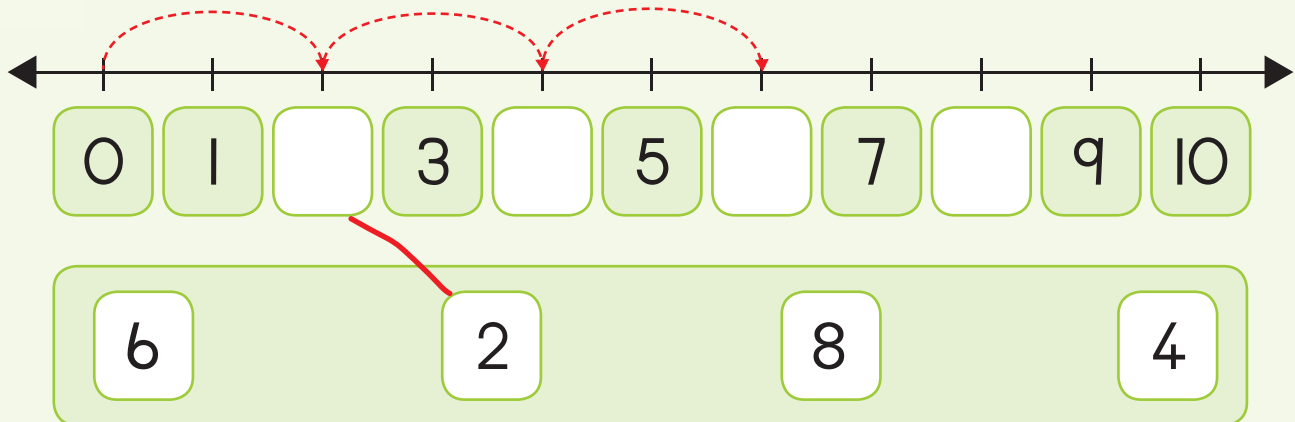
Teacher:
Sign:
Date:





Tipatironi ta 2 ku fika eka 20

Dirowa ntila ku yelanisa nomboro leyi siyiweke.
Hi ku endlele wo sungula kutani hetisa mithamuko yin'wana mimbirhi.



Hetisa patironi hi ku khalara tinomboro.

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





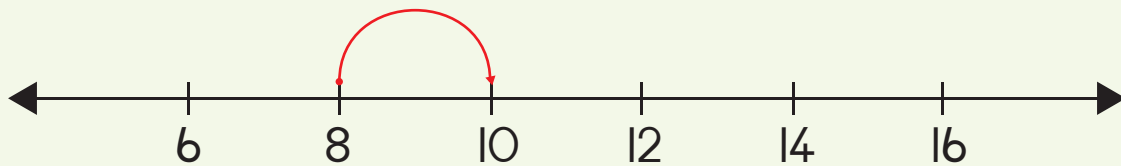
Dirowa mithamuko ku kombisa leswi landzelaka.

8

10

12

14

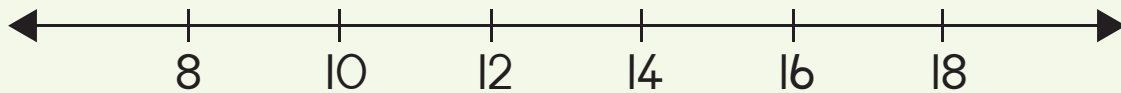


12

14

16

18



4

6

8

10



Teacher:
Sign:

Date:



11

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20



Mintlawa ya nharhu ku fika eka 10

Hlamula swivutiso.



Xana u hlayele mabanana mangani?

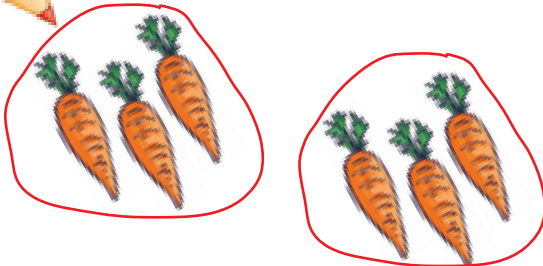
Xana ku na mintlawa yingani?

Yi tsale tanihi xivulwa xa tinomboro.



Dirowa swirhendzevutana eka leswi landzelaka ku endla:

2 wa mintlawa ya 3



3 wa mintlawa ya 3

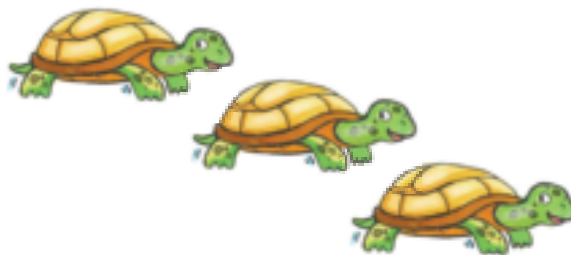




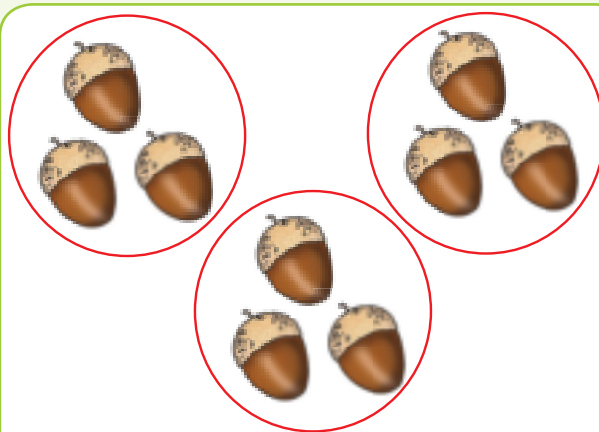
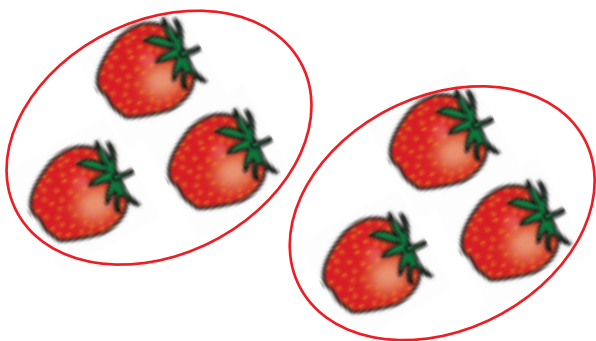
4 wa mintlawwa ya 3



1 ntlawa wa 3



Tsala xivulwa xa tinomboro xa leswi landzelaka:



Dirowa 2 wa mintlawwa ya 3.



Teacher:
Sign:
Date:





Ku na mavhilwa mangani? Ya tsale tanihi nhlayo.











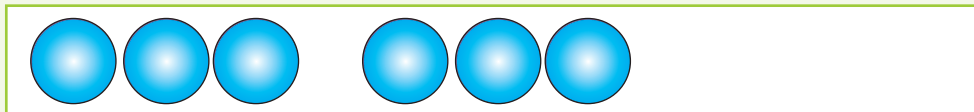
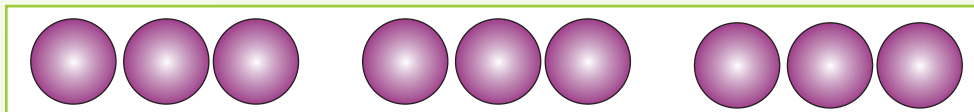
Dirowa swivumbeko ku kombisa leswi landzelaka.

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

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



Tsala nhlayo ya:



Xana ndzi xavile swiluva swingani emakete?



Nhlayo.



Teacher:
Sign:

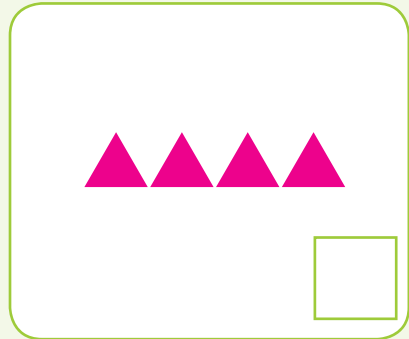
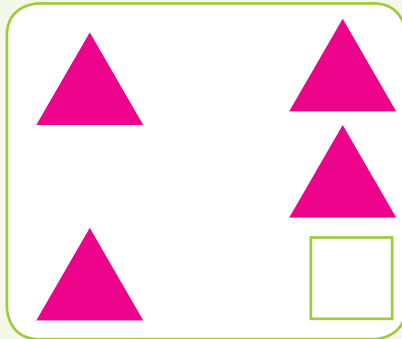
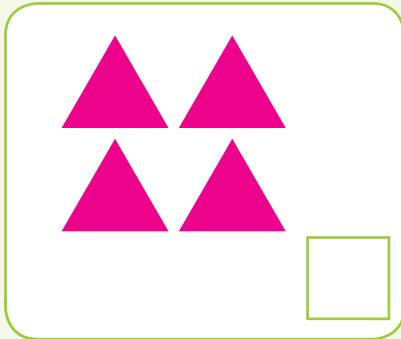
Date:





Mintlawa ya mune ku fika eka khume

Hlayela swivumbeko kutani u tsala nomboro.



Ndzi vonile swiharhi leswi landzelaka ezoo. Xana ndzi vonile milenge yingani?
Tsala xivulwa xa tinomboro eka yin'wana na yin'wana.



$$4 + 4 = 8$$





Dirowa swivumbeko eka leswi landzelaka ku endla:

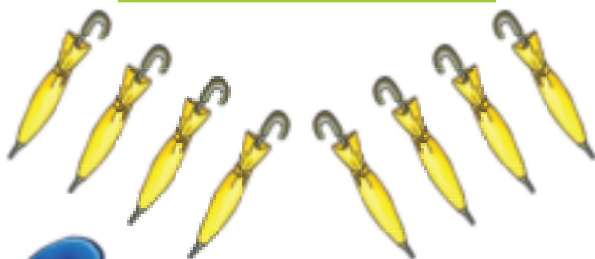
2 wa mintlawwa ya 4



1 wa mintlawwa ya 4



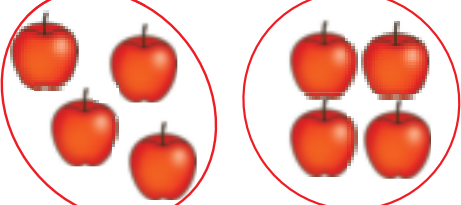
2 wa mintlawwa ya 4



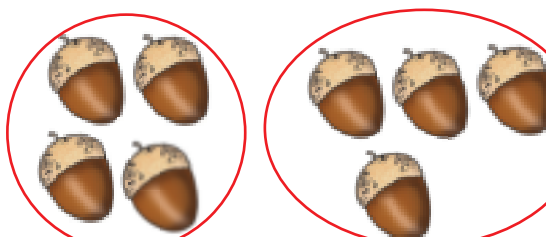
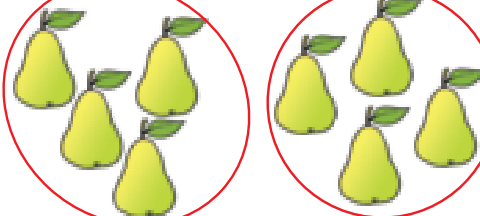
1 ntlawa wa 4



Tsala nhlayo ya leswi landzelaka:



$$4 + 4 =$$



Teacher:
Sign:
Date:

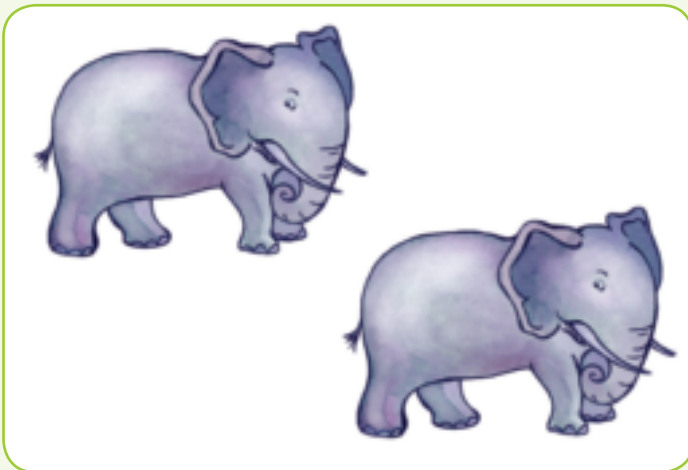




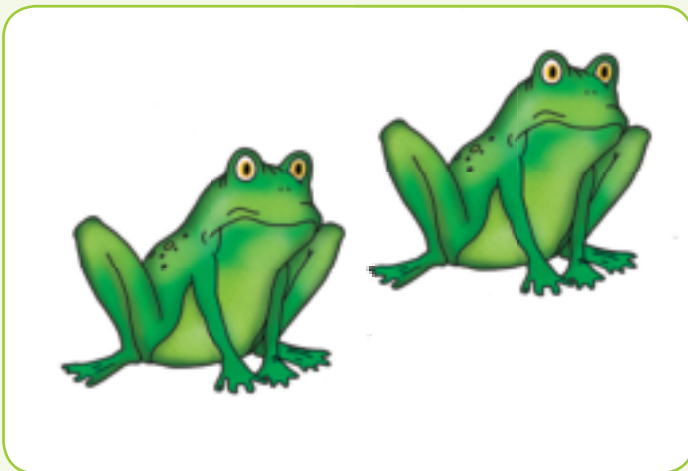
Ku na milenge yingani? Tsala nhlayo ya yin'wana na yin'wana.



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



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



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



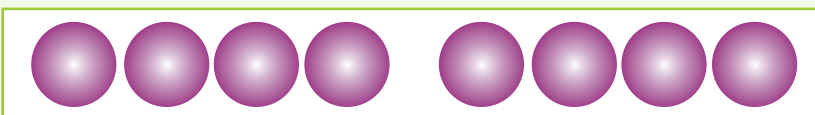


Dirowa swivumbeko ku kombisa leswi landzeka.

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



Tsala nhlayo ya:



Susan u bakile 4 makhekhe ya swikhapana. Jane u bakile 4 makhekhe ya swikhapana. Xana va bakile makhekhe ya swikhapana mangani hinkwawo? Bana xirhendzevutana eka nomboro ya makhekhe ya swikhapana leyi faneleke.



Nhlayo.



Teacher:
Sign:

Date:



Mintlawa ya ntlhanu ku fika eka khume

Hlamula swivutiso.



Xana u vona swikunwana swingani enkondzweni wun'wana na wun'wana?



Ku na swikunwana swingani hinkwaswo?

Yi tsale tanihi nhlayo.

$$5 + 5 =$$



Dirowa swirhendzevutana eka leswi landzelaka ku endla:

I ntlawa wa 5

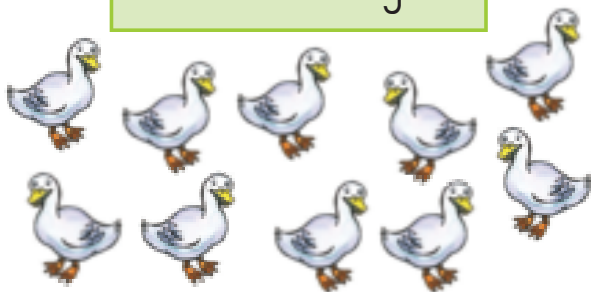


2 wa mintlawa ya 5

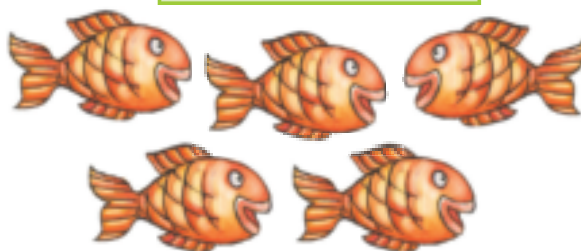




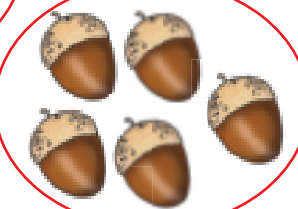
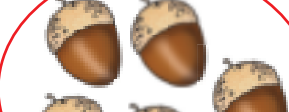
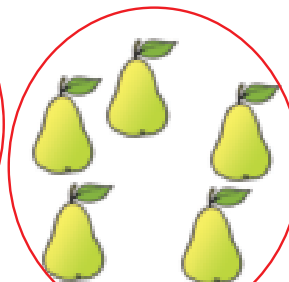
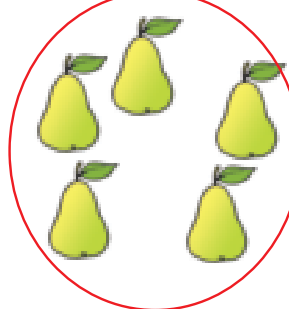
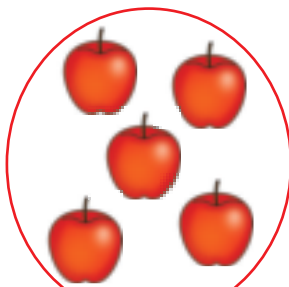
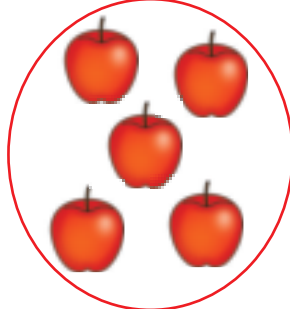
2 wa mintlawwa ya 5



1 ntlawa wa 5



Tsala nhlayo ya leswi landzelaka:



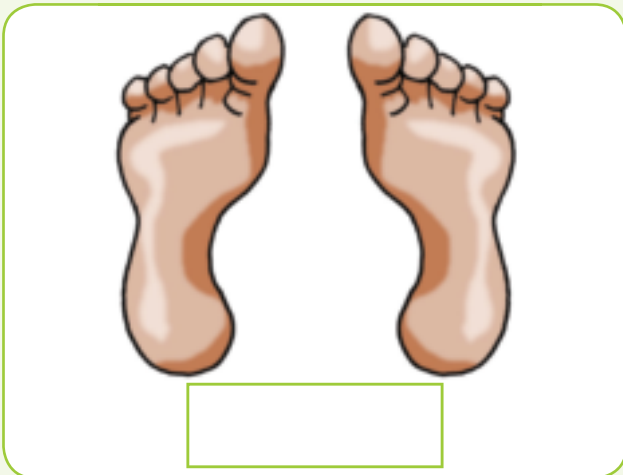
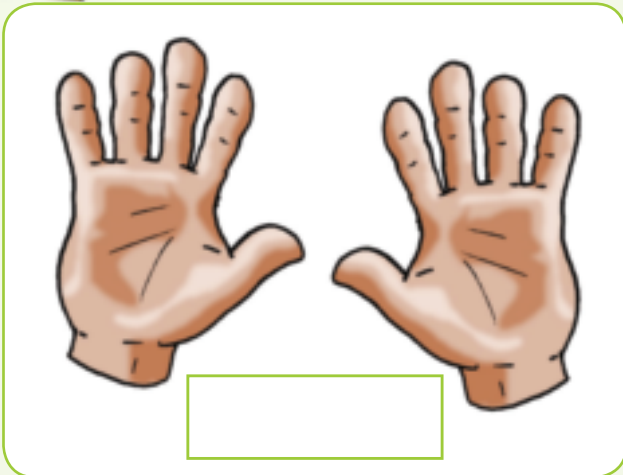
Teacher:
Sign:
Date:





Ku hlanganisa loku vuyeleriweke ka vuntlhanu
ku fika eka 10

Ku na tintiho kumbe swikunwana swingani?



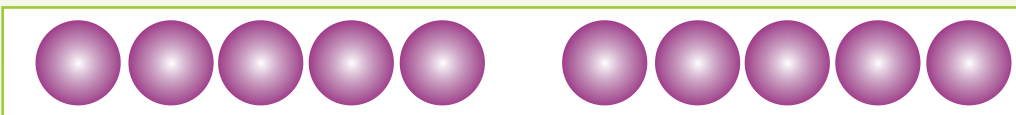


Dirowa swivumbeko ku kombisa leswi landzelaka.

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



Tsala nhlayo ya:



Xana u vona swikunwana swingani enkondzweni wun'wana na wun'wana? Ku na swikunwana swingani hinkwaswo? Dirowa xifaniso.

Nhlayo:



Xana u na tintiho tingani exandleni xin'we? Xana u na tintiho tingani hinkwato? Dirowa xifaniso.

Nhlayo:



Teacher:
Sign:

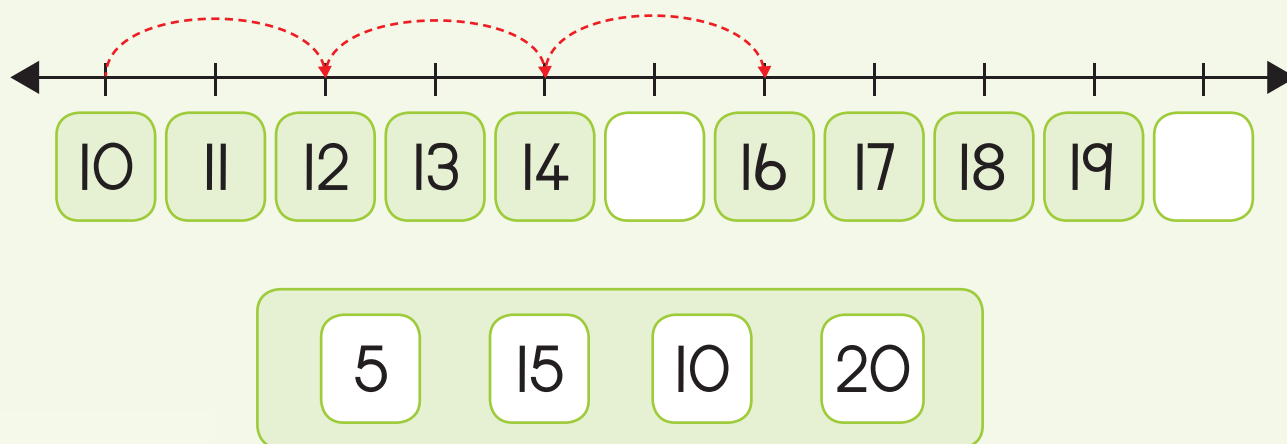
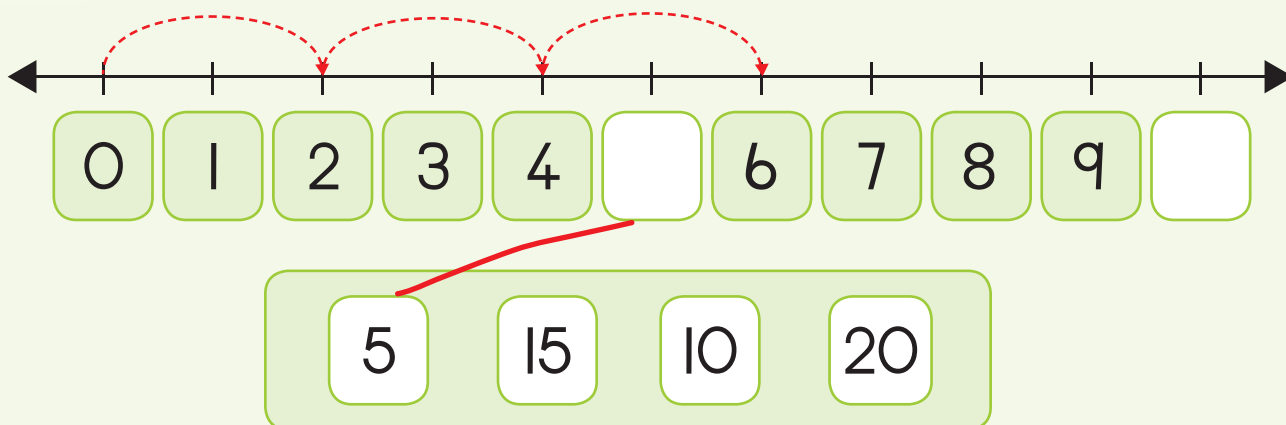
Date:





Tipatironi ta ntlhanu ku fika eka 20

Dirowa ntila ku yelanisa na nomboro leyi siyiweke. Hi ku endlele yo sungula.
Hetisa mithamuko hi ku landzelerisa ehenhla ka yona.



Hetisa patironi hi ku khalara tinomboro.

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





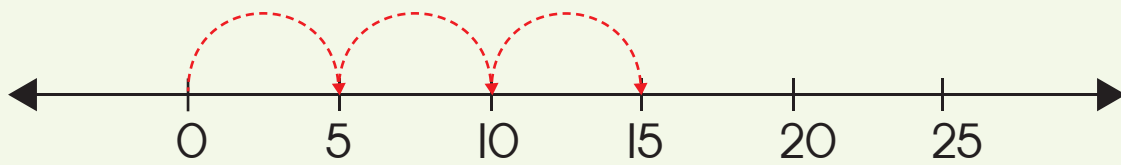
Dirowa mithamuko ku kombisa leswi landzelaka.

0

5

15

20

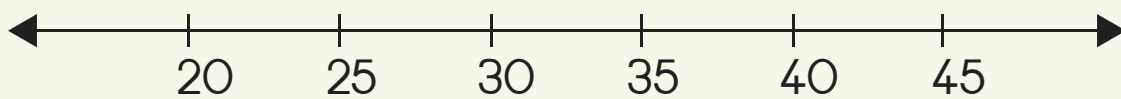


20

25

30

35

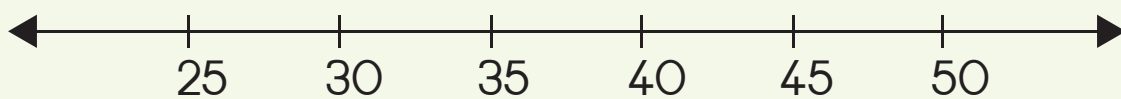


35

40

45

50



Teacher:
Sign:

Date:

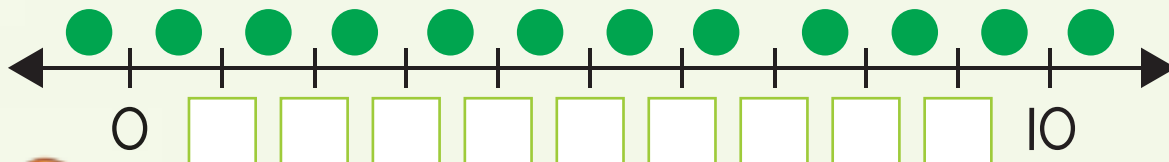


11 12 13 14 15 16 17 18 19 20

Tipatironi ta khume



Tata tinomboro leti siyiweke.



Dirowa 10 wa vuhlalu exikarhi ka swikhandlu kutani u yelanisa nomboro na buloko leyi faneleke.



Hetisa ndzhati wa mintsengo hi ku kopunula tinomboro leti nyikiweke eka swivandla leswi faneleke.

50 40 30 20

50 30 10 0 50 20 40





Hetisa bodo ya tinomboro hi ku tirhisa tinomboro ta switsemiwa.

I	2	3	4	5	6	7	8	9	
II	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	

Tirhisa tinomboro ta switsemiwa ku suka emakumu ka buku.



20	40	10	60	90	80
50	30	100	70		



Teacher:
Sign:

Date:



II 12 13 14 15 16 17 18 19 20



60a

Kotara ya 2



Tinomboro na mali

Yelanisa mali leyi landzelaka.

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





Mali: Ya phepha na ya swingwece

Bana xirhendzevutana eka mali ya phepha kumbe swingwece leswi nga na nkoka wa le henhla swinene.



R100



R50



R10



R1



R5



R10



R1



50c



5c



R20



R5



R10



Teacher:
Sign:

Date:



60b

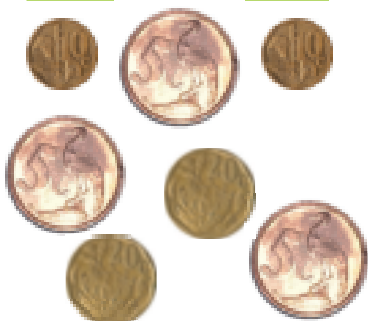
Kotara ya 2



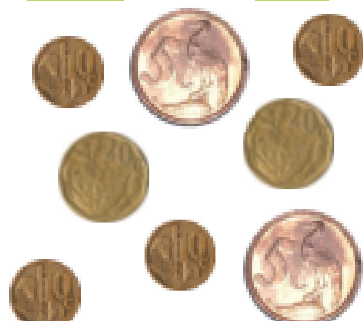
Tinomboro na mali (Swi yisiwa emahlweni)

Bana xirhendzevutana eka hinkwaswo:

swingwece swa 5c



swingwece swa 10c



swingwece swa 20c



Bana xirhendzevutana eka hinkwato:

Mali ya phepha ya R10



Bana xirhendzevutana eka hinkwato:

Mali ya phepha ya R20





Bana xirhendzevutana eka swingwece leswi endlaka 20c eka rixaxa rin'wana na rin'wana.



Bana xirhendzevutana eka mali leyi endlaka R20 eka rixaxa rin'wana na rin'wana.



Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20





Mali na cinci

Dirowa swingwece leswi nga ta ku nyika ntsengo wa:

a.

10c



5c

b.

20c

c.

15c





Hlanganisa swingwece. Khalara nhlamulo leji faneleke.

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



Ndzi na leswi landzelaka eka bangi ya mina ya xingulubyana. Xana ndzi nga xava yini hi swona? Dirowa kumbe u damarheta xifaniso ebulokweni.



Teacher: _____
Sign: _____
Date: _____





Mali yo tala na cinci

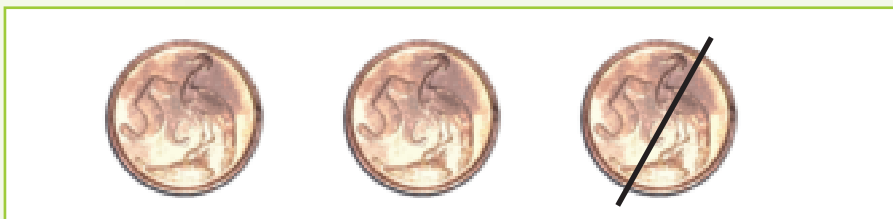
Susa xingwece xin'we xa 5c. Xana u sale na mali muni?

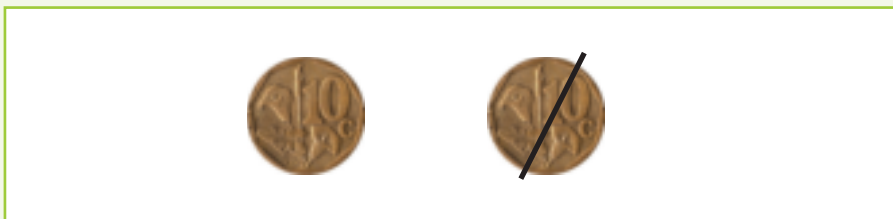


5c



Ku sale mali muni?







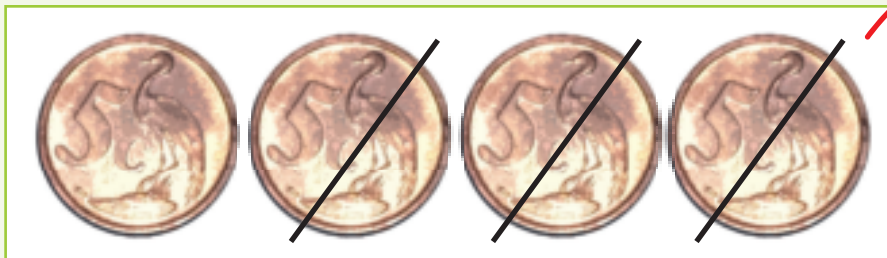




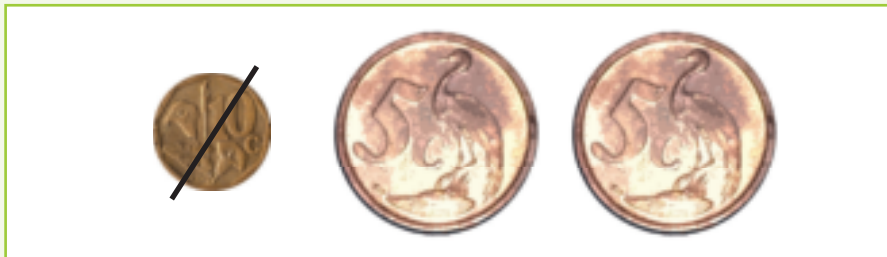
Ku sale mali muni? Yelanisa leswi landzelaka.



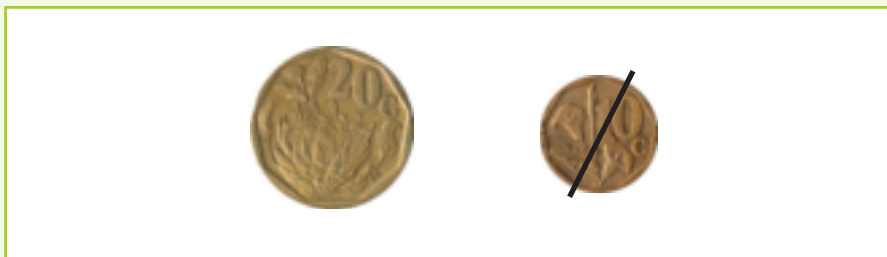
5c



20c



15c



10c

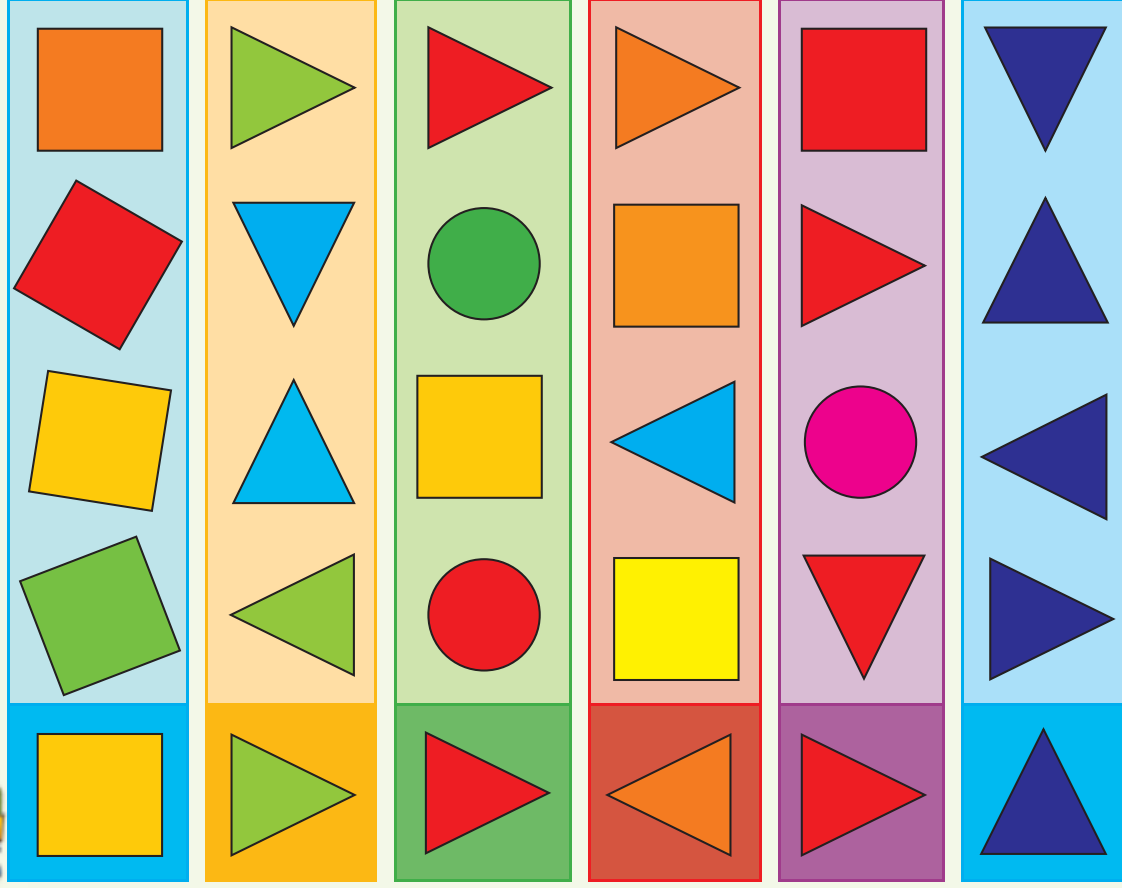


Teacher:
Sign:
Date:

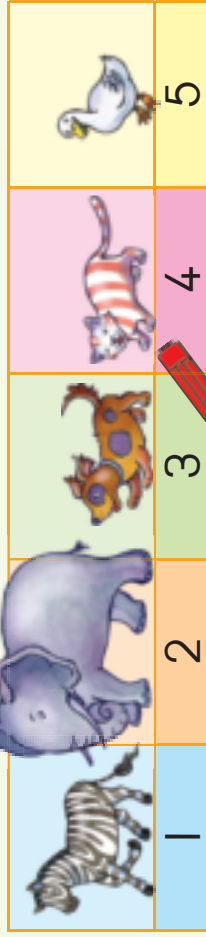


Xivumbeko, tlhelo na xijimo

Lava u tlhela u ba xirhendzevutana eka xivumbeko lexi nga na xivumbeko na tlhelo leswi fandaka na swa xivumbeko lexi nga ebokisini ro sungula.



Bana xirhendzevutana eka tinhlamulo leti faneleke.



I xiharhi xihhi **lexi** nga **emahlweni** ka ndlopfu?

I xiharhi xihhi lexi nga **endzhaku** ka mbyana?

I xiharhi xihhi lexi nga **exikarhi** ka mangwa na mbyana?

Loko mbyana yi ya **emahlweni**, xana yi ta chayisana na xiharhi xihhi?

Loko ndlopfu yi ya **endzhaku**, xana yi ta chayisa xiharhi xihhi?

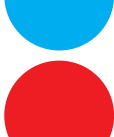
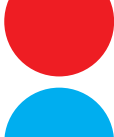
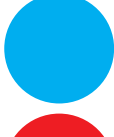
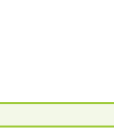
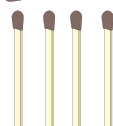
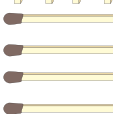
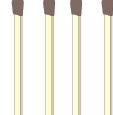
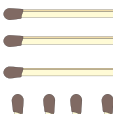
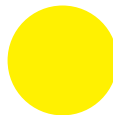
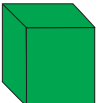
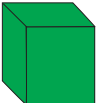
Xana i xiharhi xihhi lexi nga eka rixaxa na le **xikarhi**?

Xana xiharhi xo **sungula** erixaxeni hi xihhi?

Xana xiharhi xo **hetelela** erixaxeni hi xihhi?

Tipatirani ta swivumbeko swa jometiri

Engetela patironi hi xivumbeko xin'we.



Tumbuluxa patironi ya wena hi swivumbeko leswi nyjikiweke.



Teacher:
Sign
Date



Swivumbeko swa matlhelo ma2 na minchumu ya matlhelo ma3

Khalara swivumbeko.

Khalara swikwere
tshwuka.  hi muhlovo wo

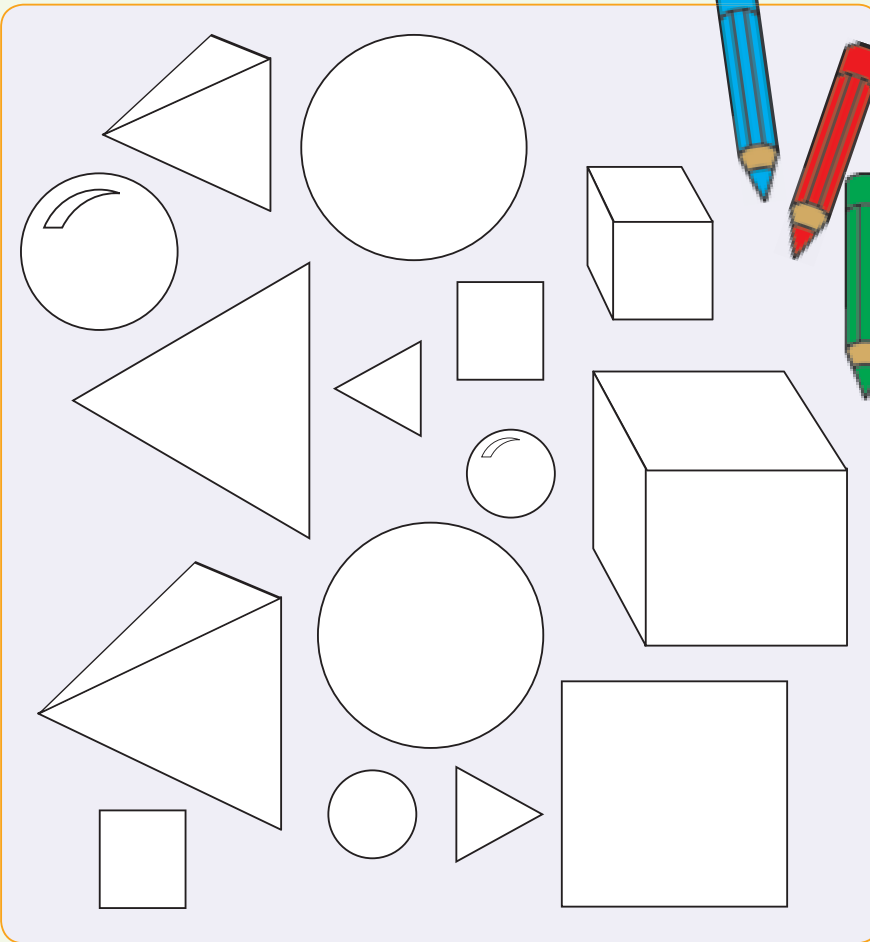
Khalara swirhendzevutana
wa wasi.  hi muhlovo

Khalara tujinlanharhu  hi muhlovo wa
rihlaza.

Khalara tikhubu
xitshopana.  hi muhlovo wa

Khalara swirhendzevutana
muhlovo wa xivunguvungu.  hi

Khalara tiphirizimu
xilamula.  hi muhlovo wa



Swivumbeko na minchumu yo khomeka

Bana swirhendzevutana
eka swivumbeko.



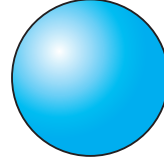
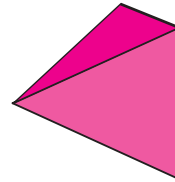
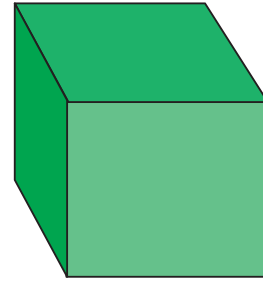
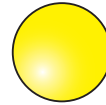
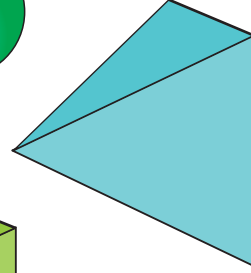
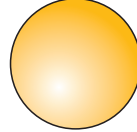
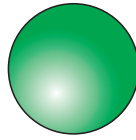
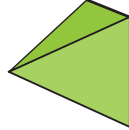
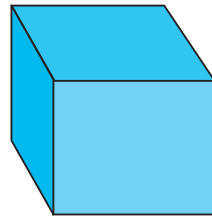
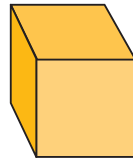
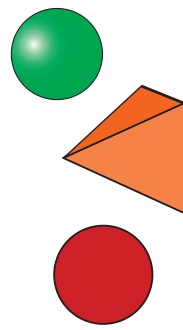
Bana xirhendzevutana xo tshwuka
eka .



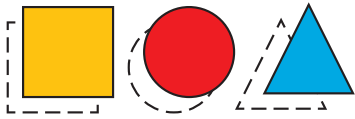
Bana xirhendzevutana xa wasi eka .



Bana xirhendzevutana xa rihlaza
eka .

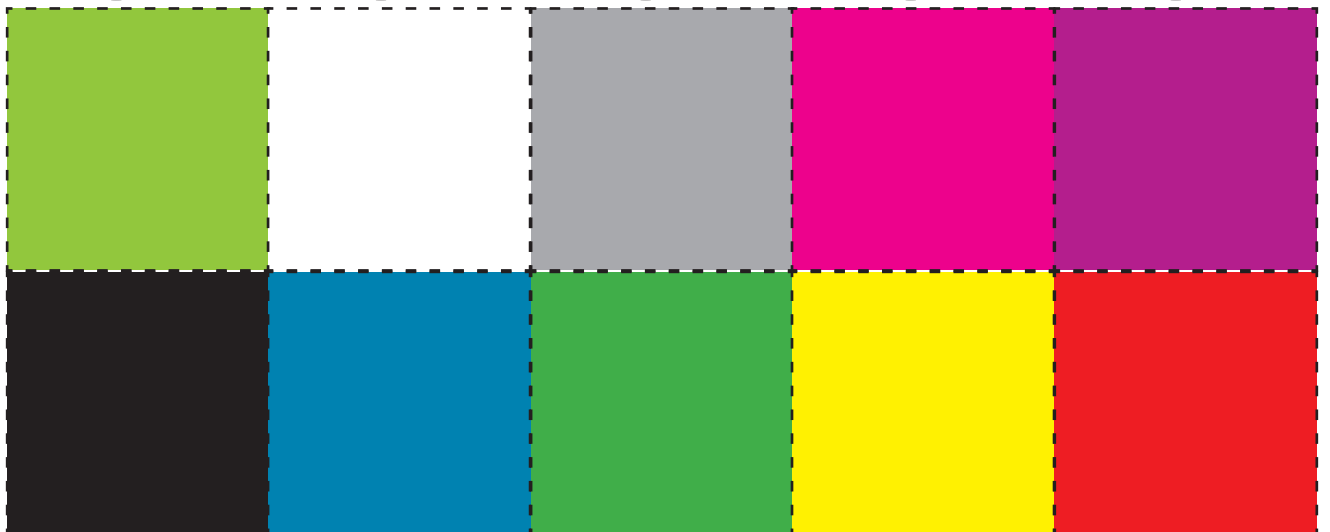
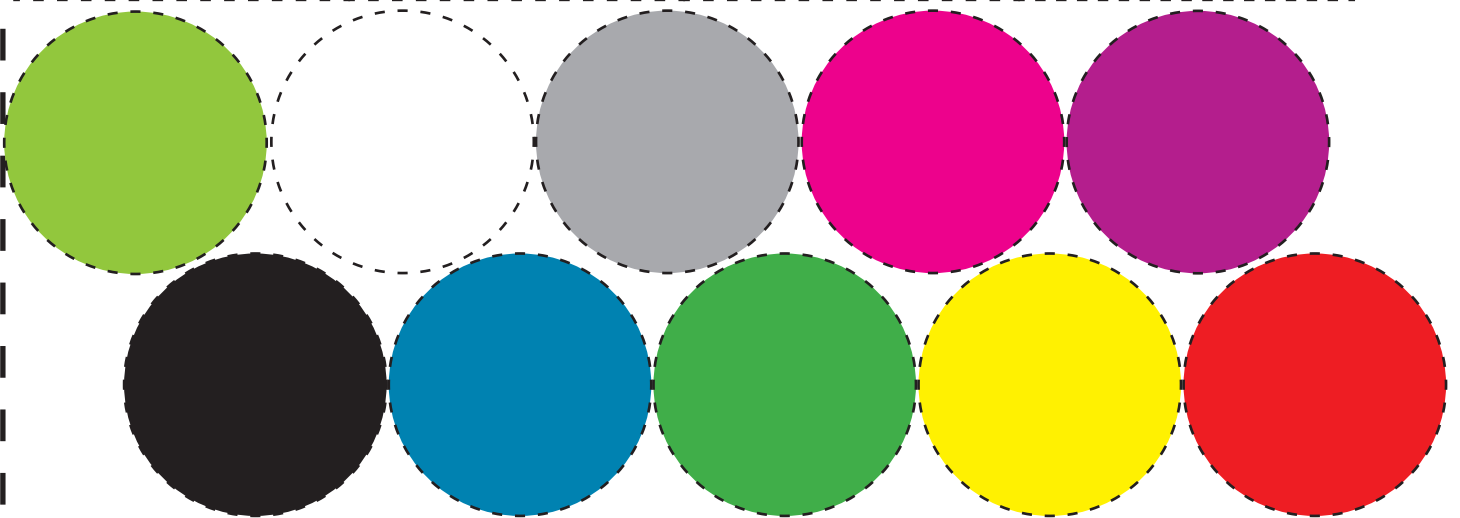
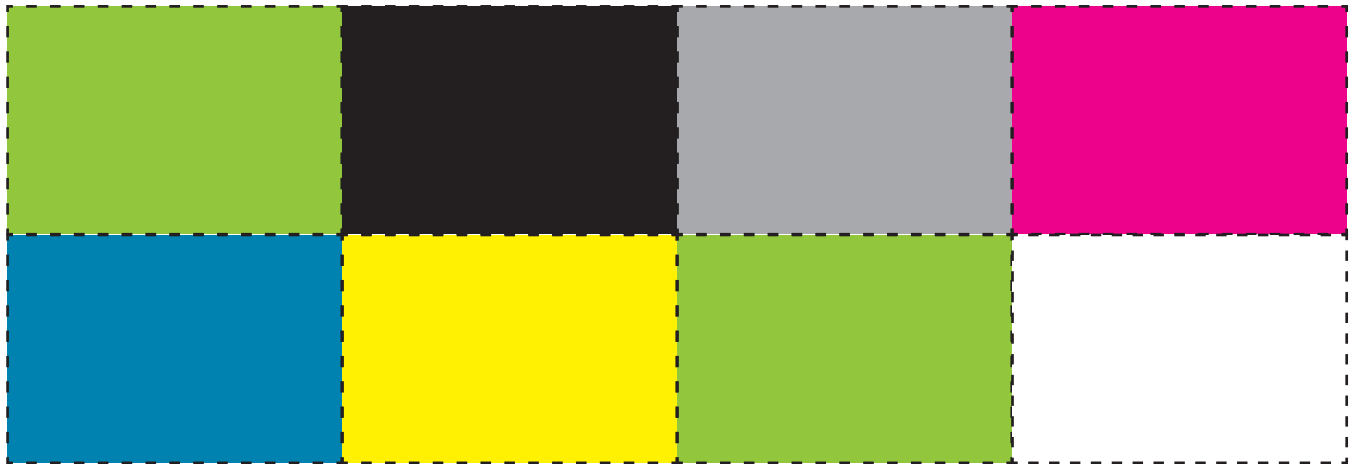
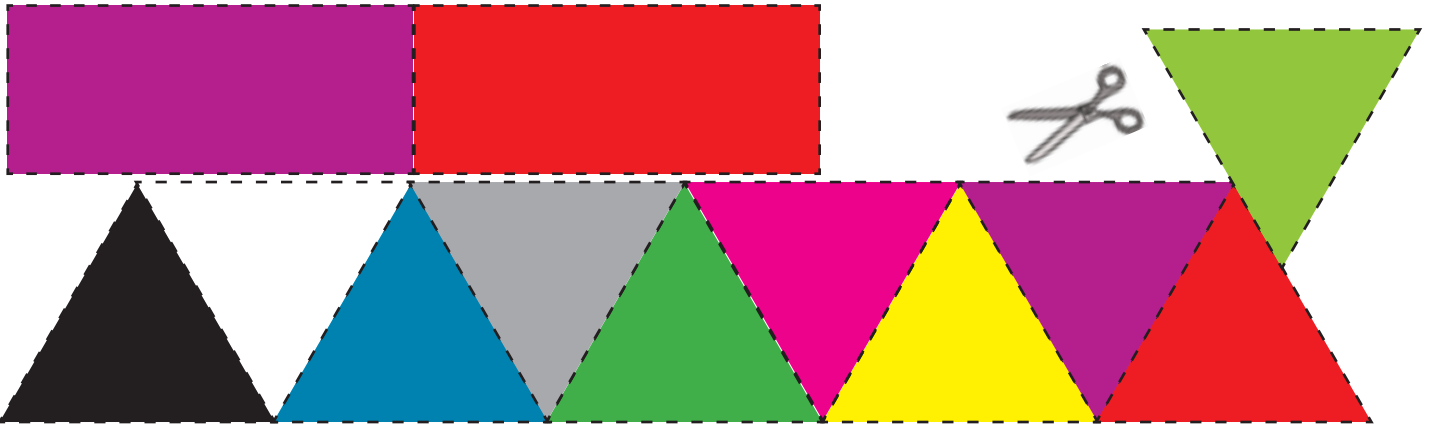


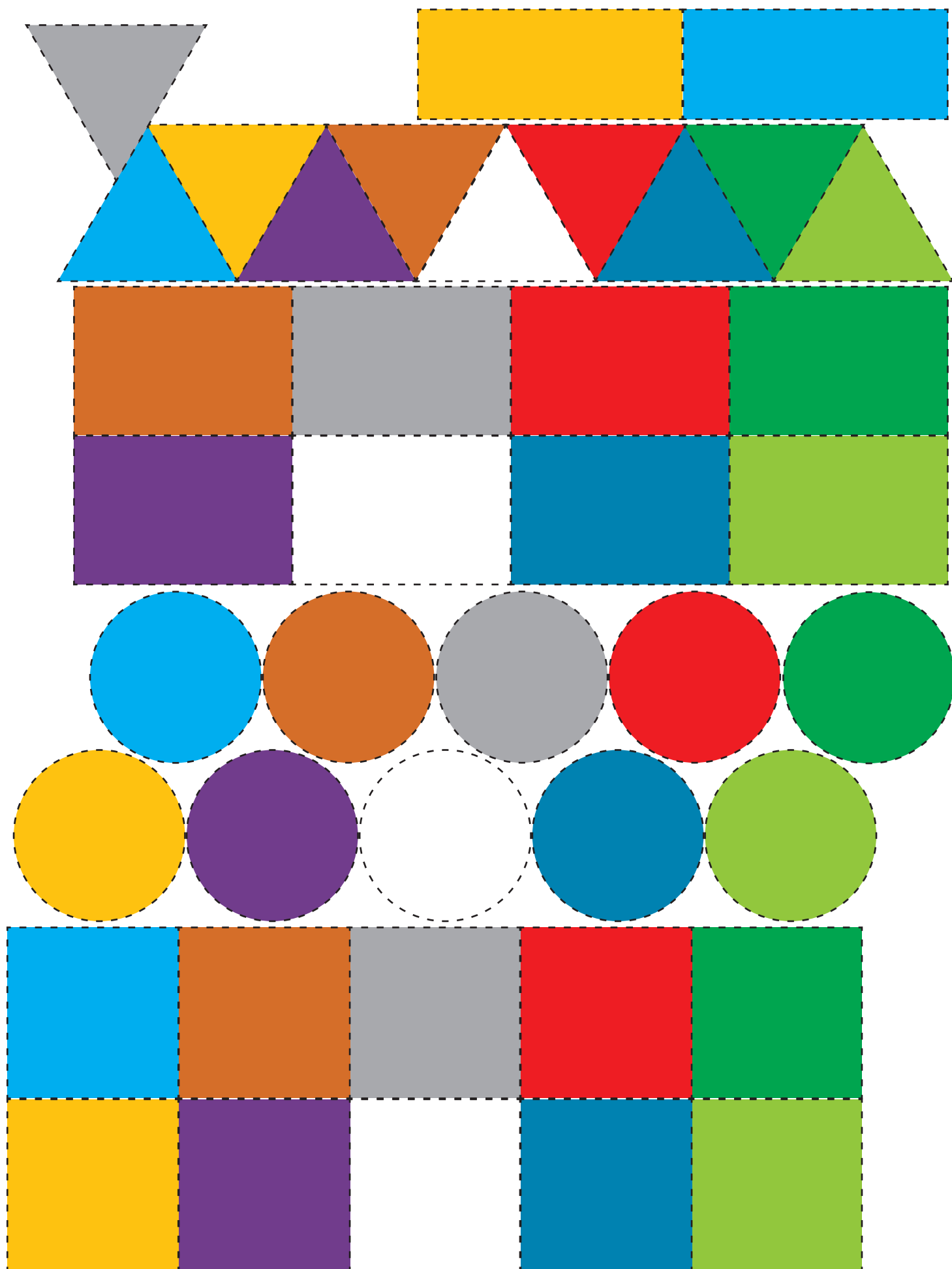
Teacher: _____
Sign: _____
Date: _____

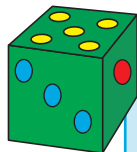


Shapes:

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.

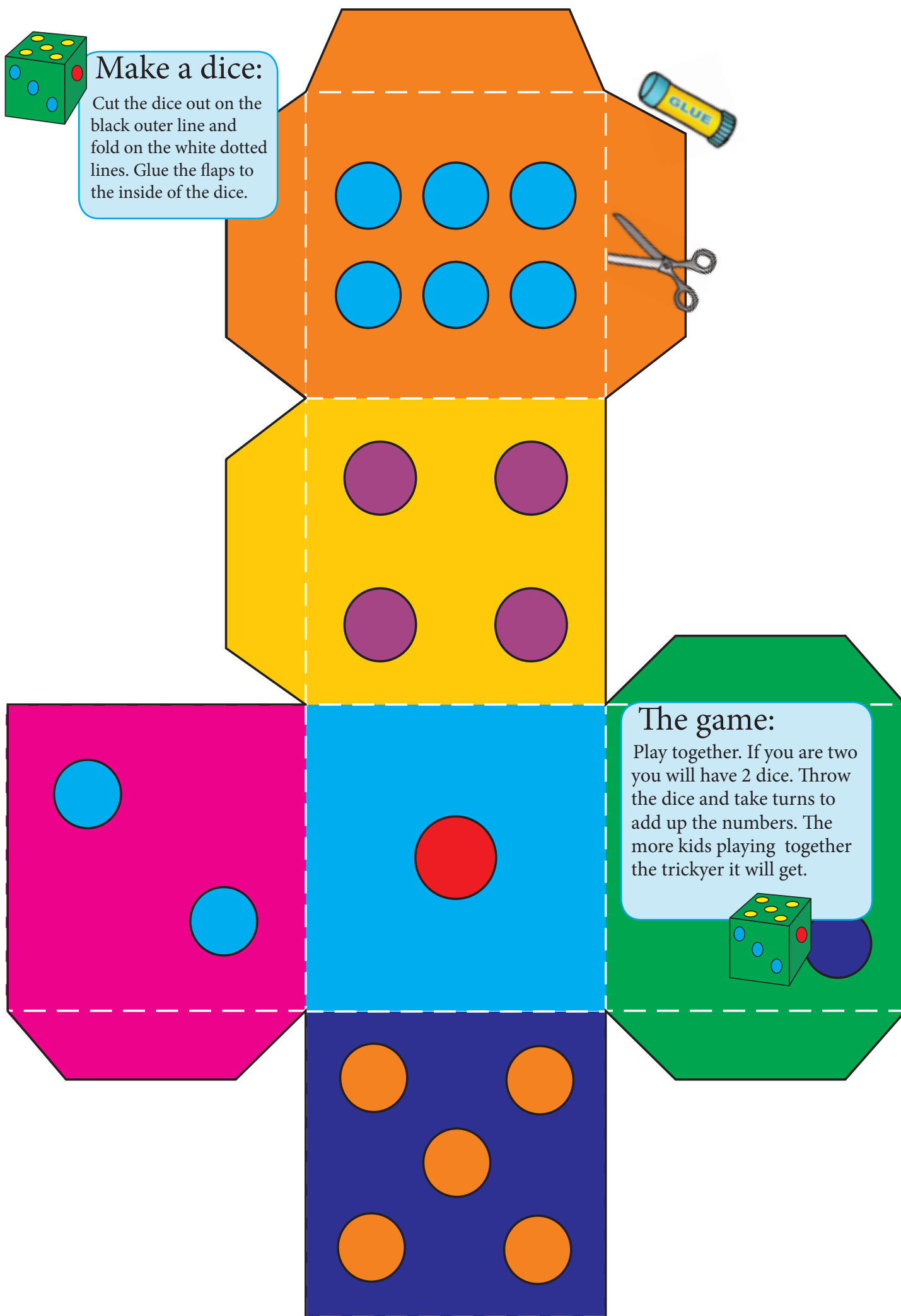






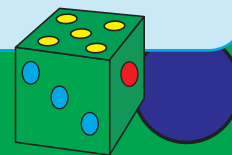
Make a dice:

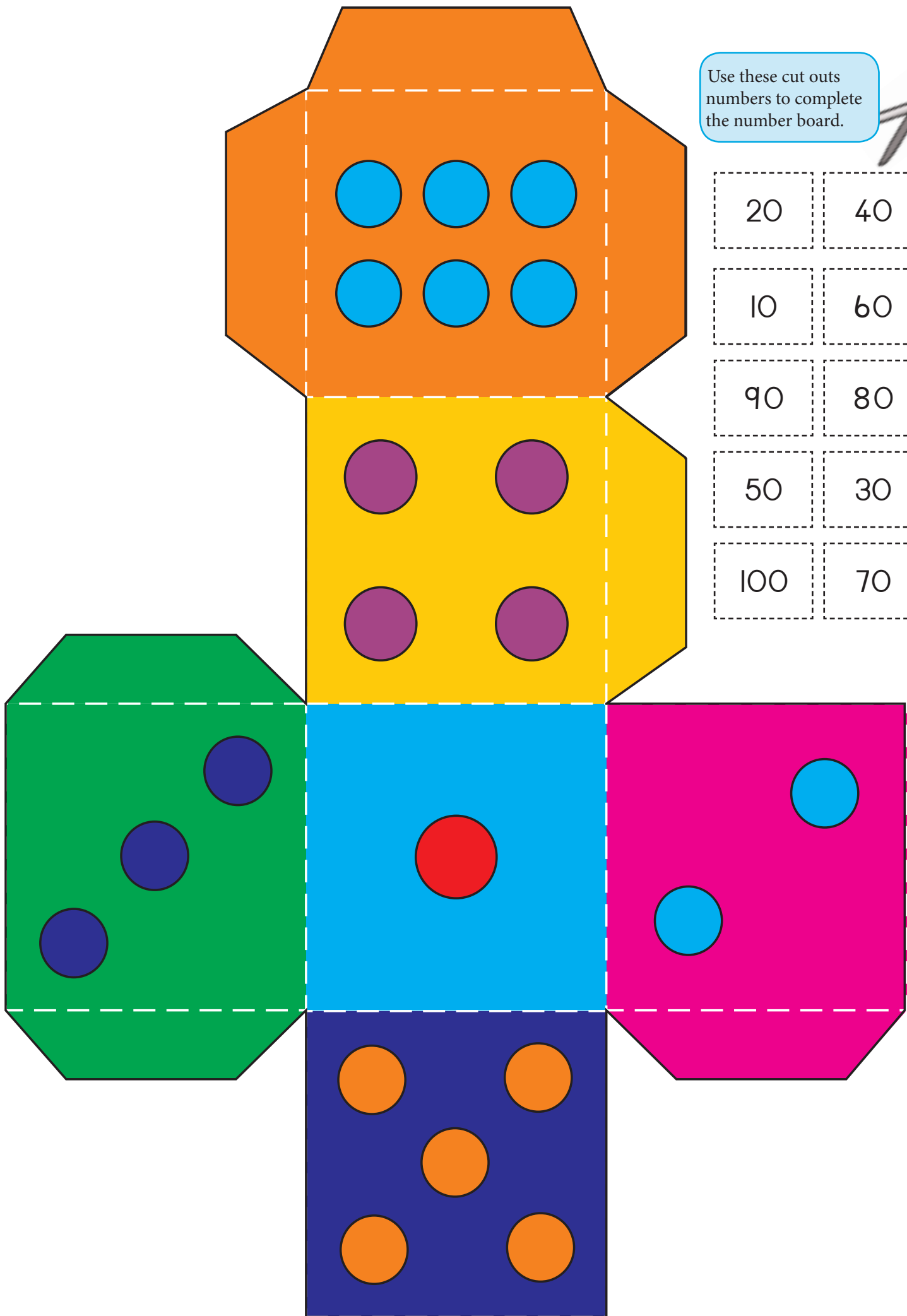
Cut the dice out on the black outer line and fold on the white dotted lines. Glue the flaps to the inside of the dice.



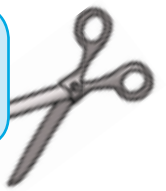
The game:

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