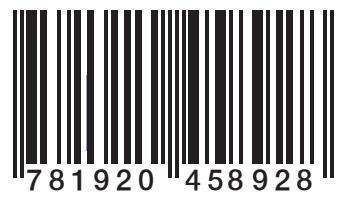


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TERMS 1 & 2  
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Manana Angie Motshekga,  
Holobye wa Dyondzo ya  
Masungulo



Nkulukumba Enver Surty,  
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, Nkulukumba Enver Surty.

Tibuku to tirhela ta Rainbow ti vumba xiyenge xin'wana xa ntlawwa wa micingiriko ya Ndzwawulo 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 Ndzwawulo 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 micingiriko ya vona yo dyondzisa ya masiku hinkwawo no tiyisisa leswaku vadyondzi va vona va kota ku hetu kharikhulamu. Hi tiyisise leswaku hi letela mudyondzisi eka nghingiriko wun'wana na wun'wana hi ku katsa mifungho leyi kombisaka leswi mudyondzi a faneleke ku endla swona.

Hi ni ntshembo wa leswaku vana va ta tiphina no tsakela ku tirha micingiriko 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 humeleta, wena na vadyondzi va wena eku tirhiseni tibuku leti to tirhela.



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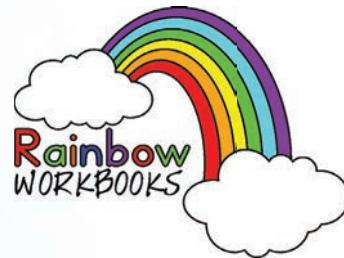
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# Matematiki HI XITSONGA



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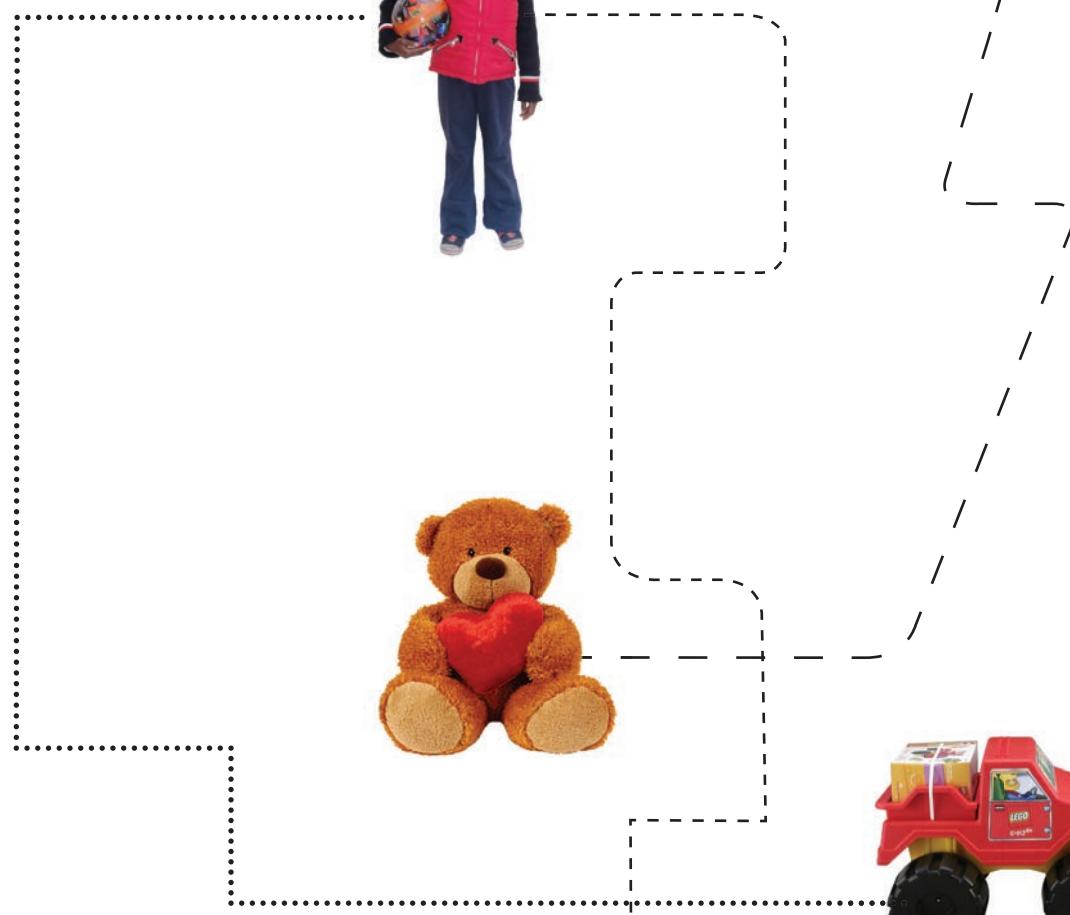
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## Mpfuxeto: Ku landzelerisa no yelanisa

Pfuna nhwanyana ku kuma switlangiso swa yena.

### SUNGULA



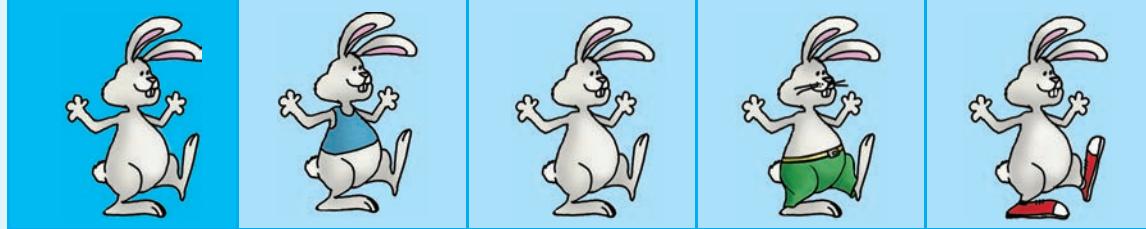
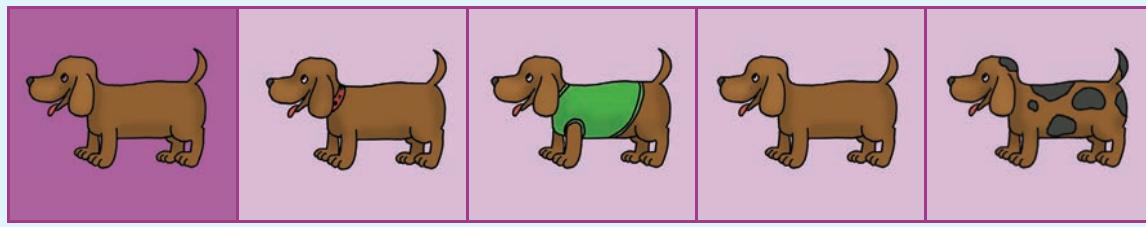
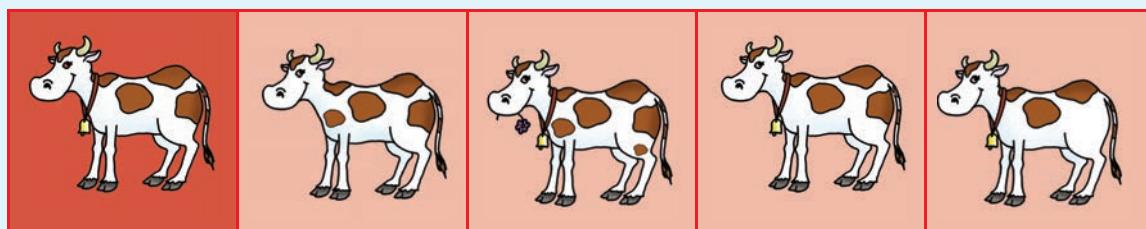
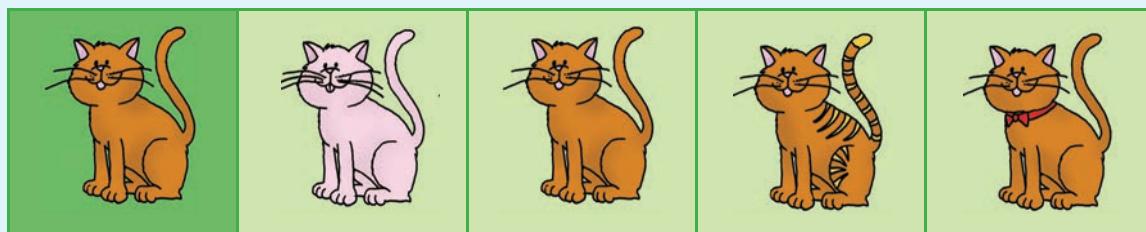
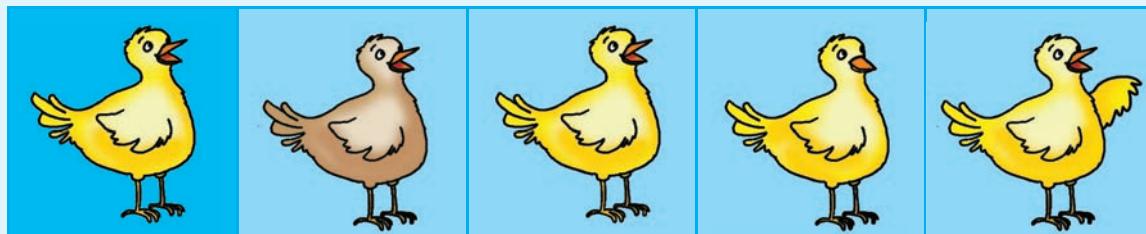
### HETA





## Ku yelanisa

Lava xifaniso lexi fanaka na lexi nga ebokisini ro sungula.



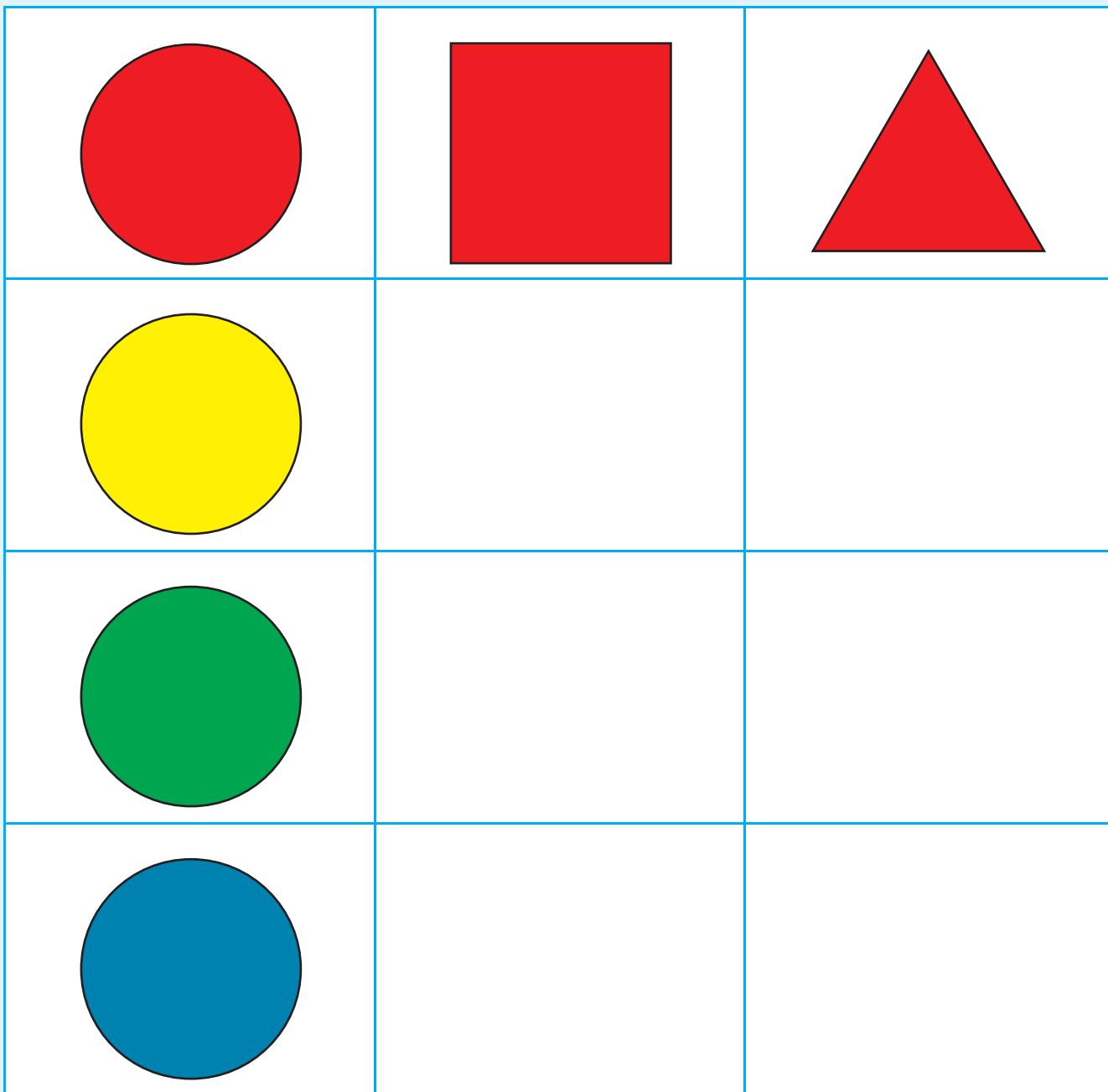
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## Ku hlawula mihlovo

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.  
 Tirhiswa switsemiwa emakumu ka buku.

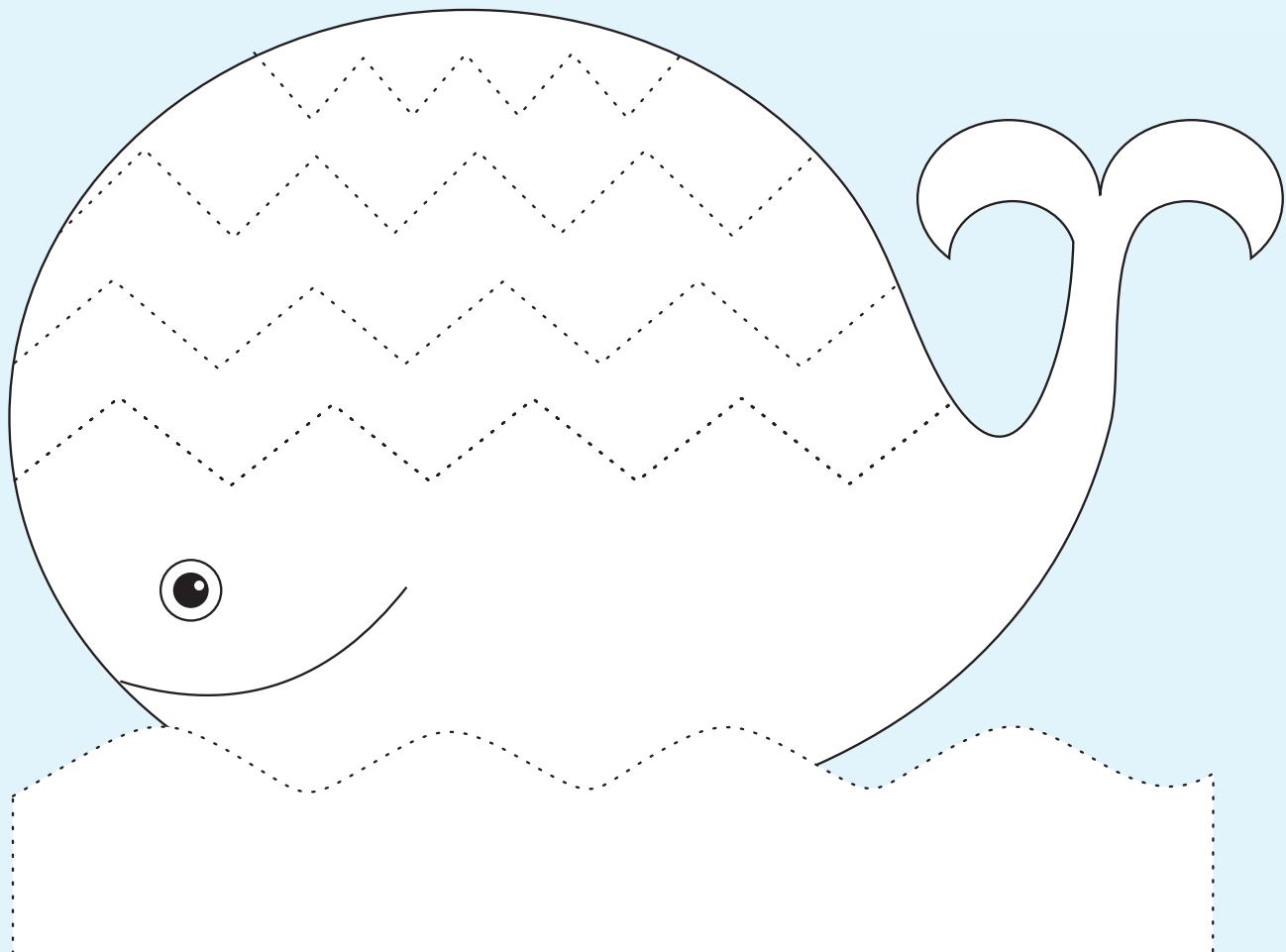




## Tipatironi



Landzelerisa mintila ya mathonsi ku hetisa patironi ya nkavangaheti.



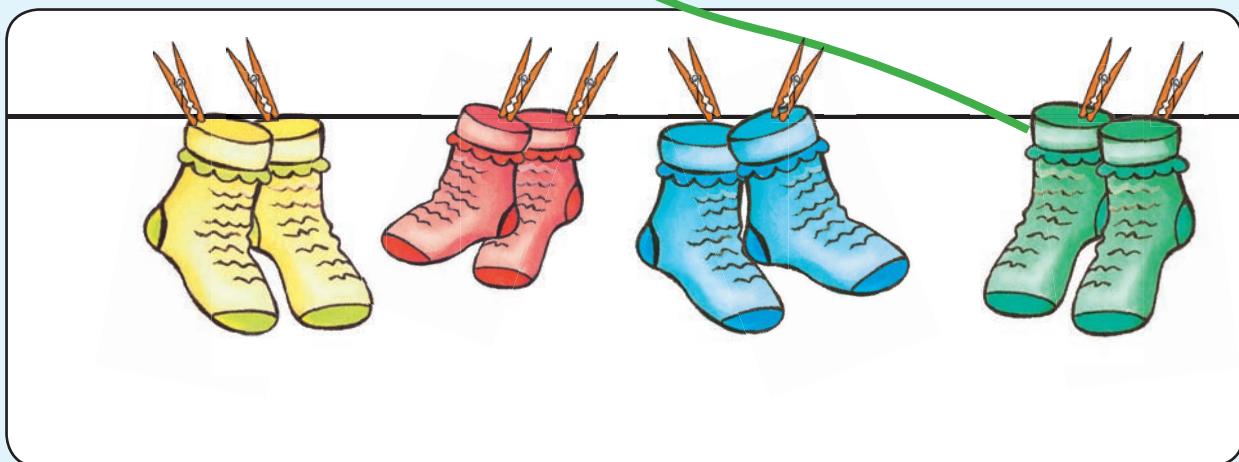
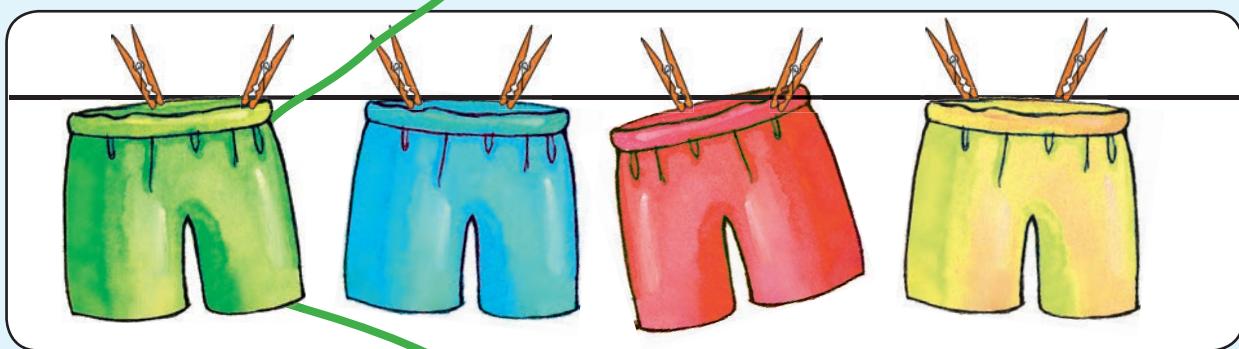
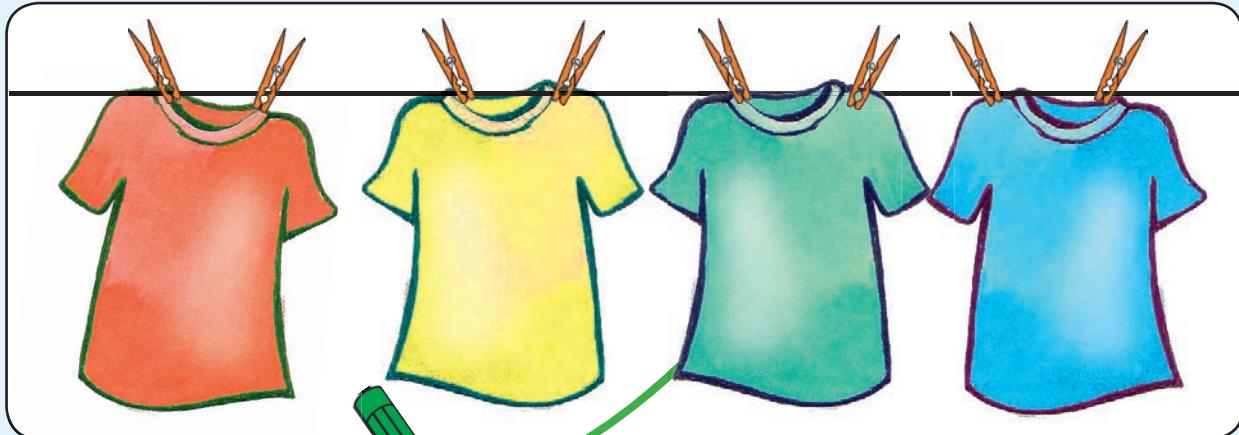
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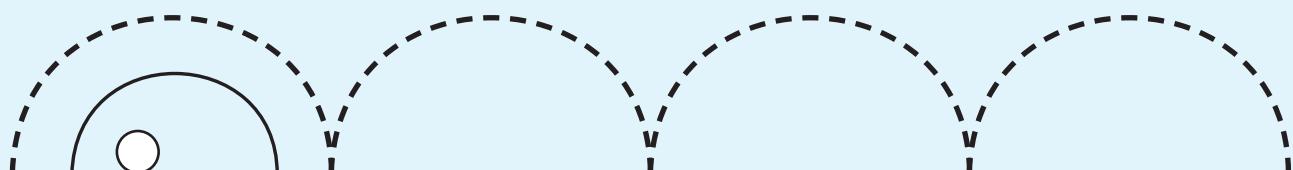
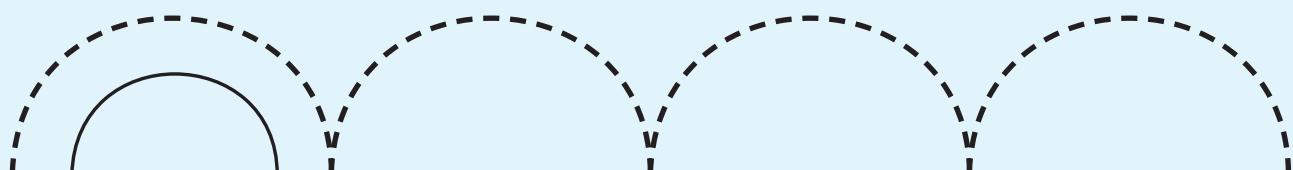
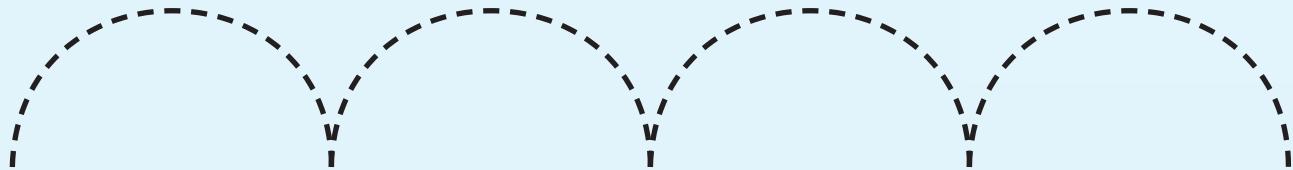
## Mpfuxeto: Mihlovo na tipatironi

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.



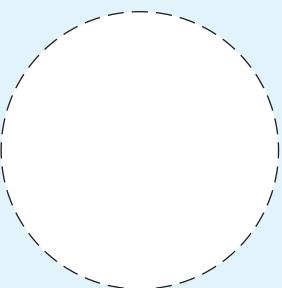
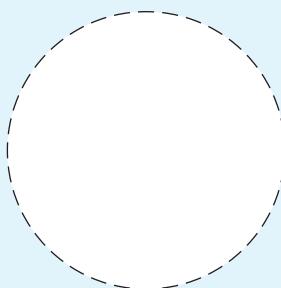
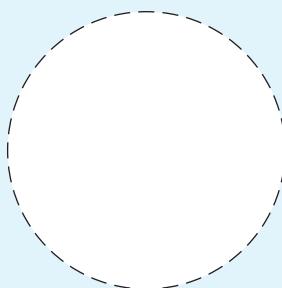
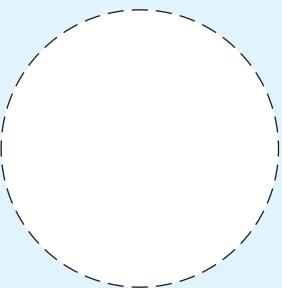
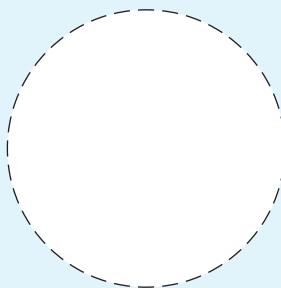
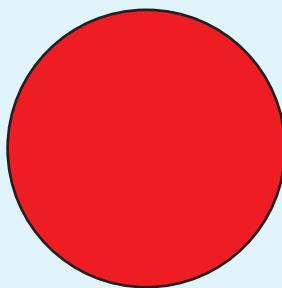
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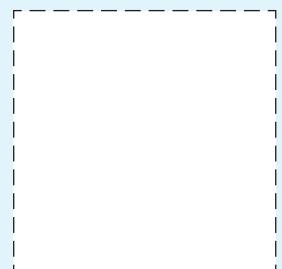
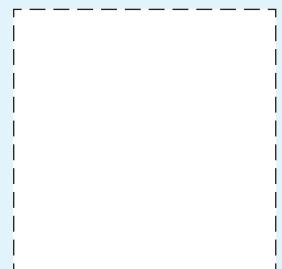


## Mpfuxeto: Ku hlawula no yelanisa swivumbeko

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

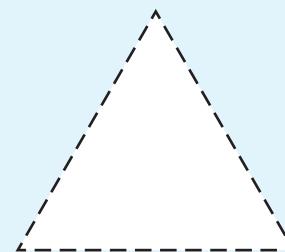
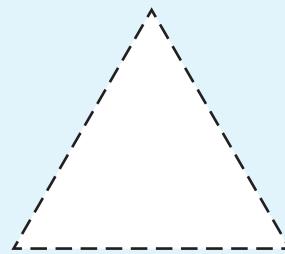
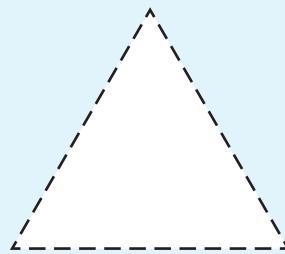
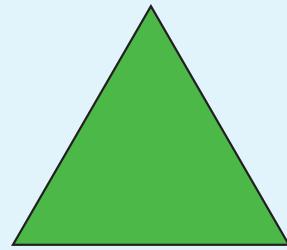


Lava swikwere  
leswi tsemiweke  
kutani u swi  
nghenisa  
eswivandleni leswi.





Lava tiyinhlanharhu  
leti tsemiweke kutani u  
ti nghenisa eswivandleni  
leswi.



Lava tiyinhlamune leti  
tsemiweke kutani u ti  
nghenisa eswivandleni leswi.



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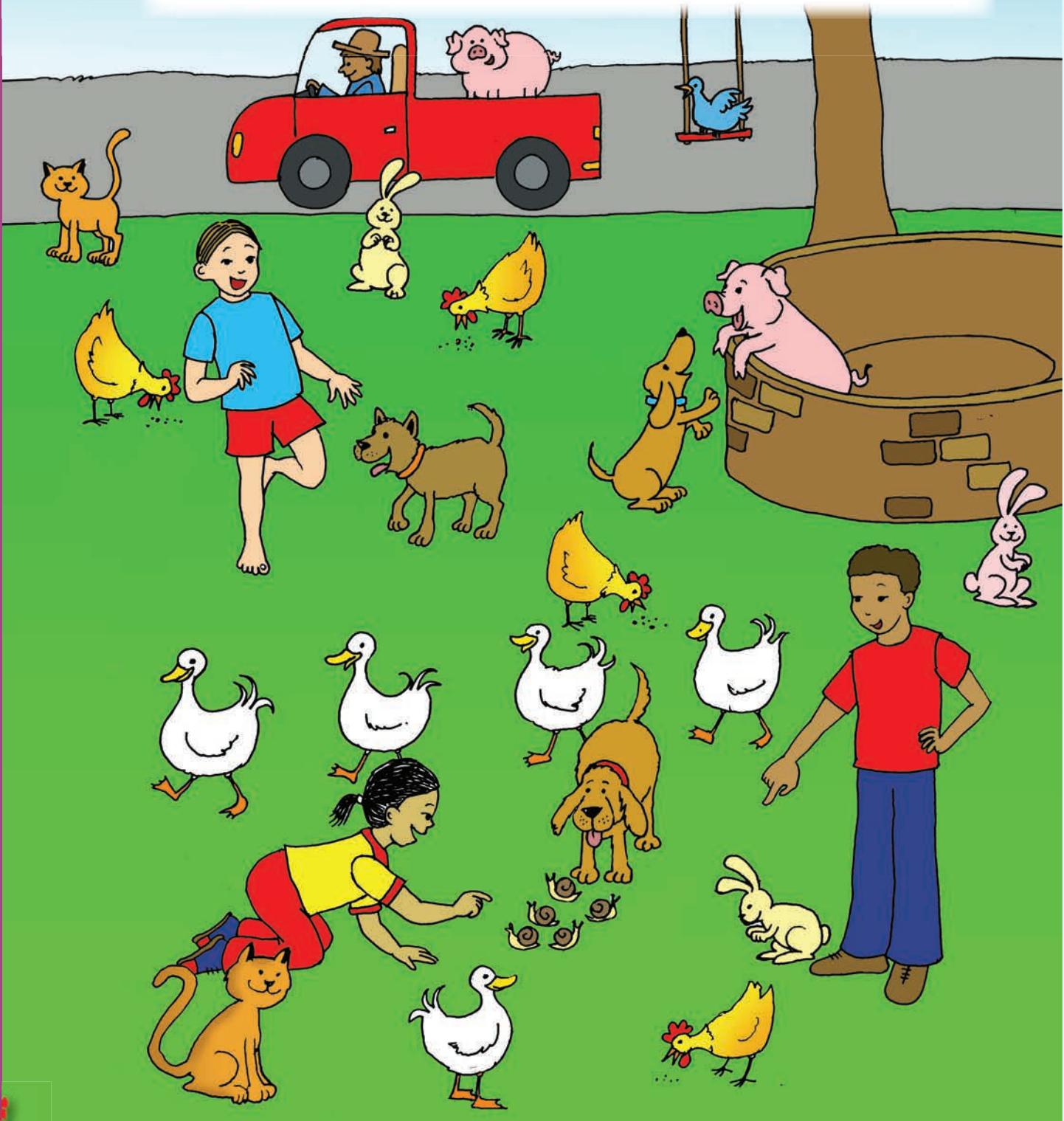


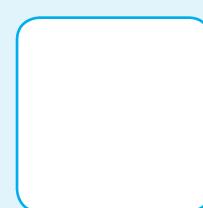
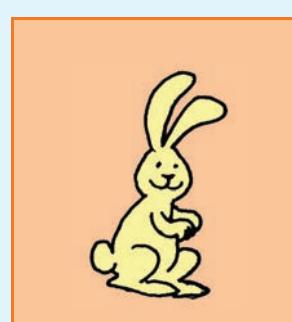
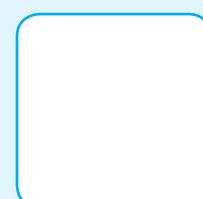
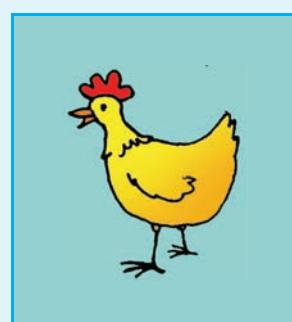
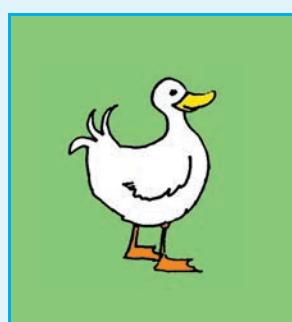
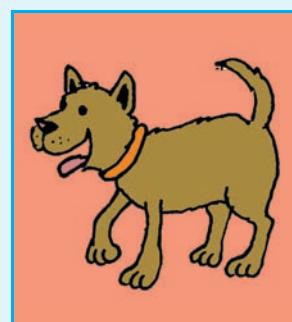
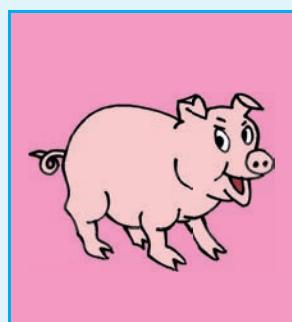
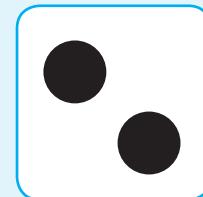
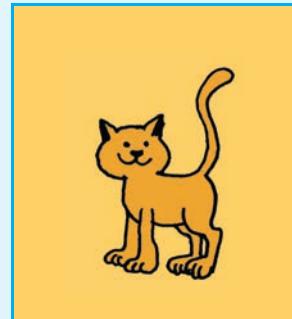
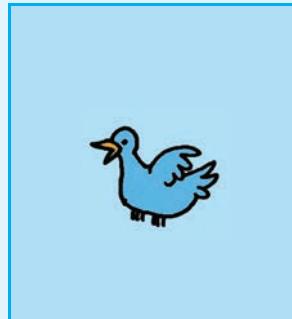


## Mpfuxeto: Lava u tlhela u hlayela

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 leyi faneleke eka pheji leyi landzelaka. Hi ku endlerile ya swimanga.





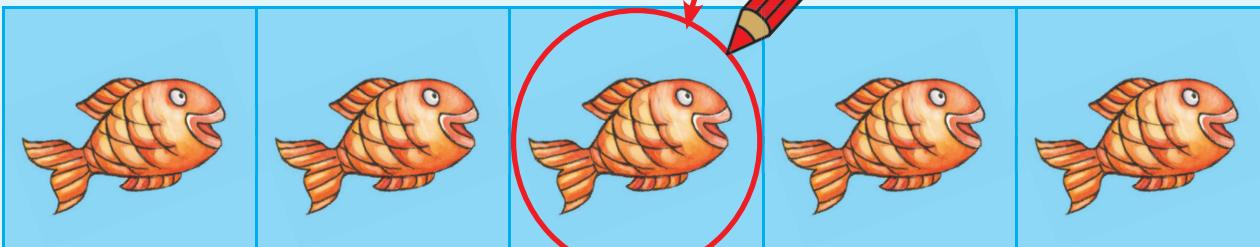
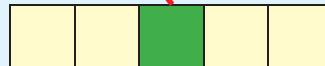
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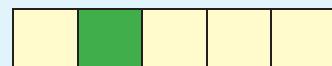


## Mpfuxeto: Swiyimo

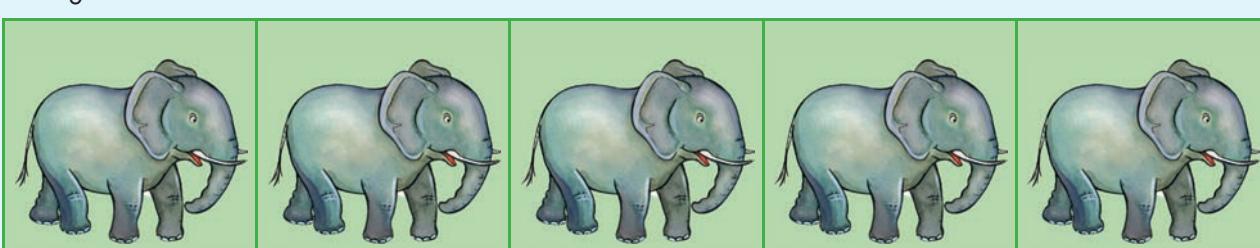
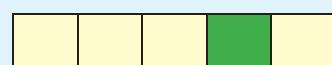
Tsala xirhendzevutana eka xiharhi lexi nga erixaxeni ku kombeta leswaku xi le ka xiyimo lexi fanaka na xa buloko leyi khalariveke hi rihlaza erixaxeni. Hi ku endlele xo sungula leswaku u kota ku swi vona.



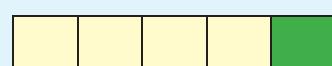
Bana xirhendzevutana eka xiharhi lexi nga eka xiyimo lexi eka rixaxa leri nga laha hansi.



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

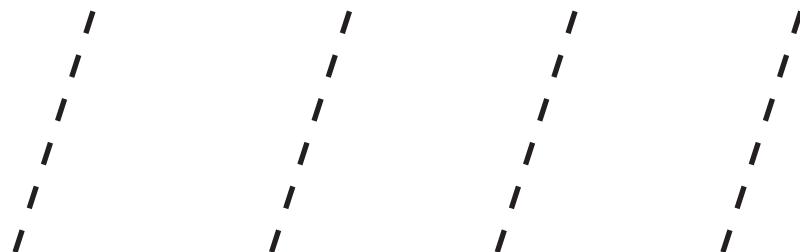
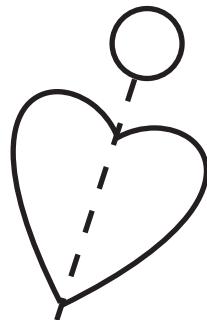
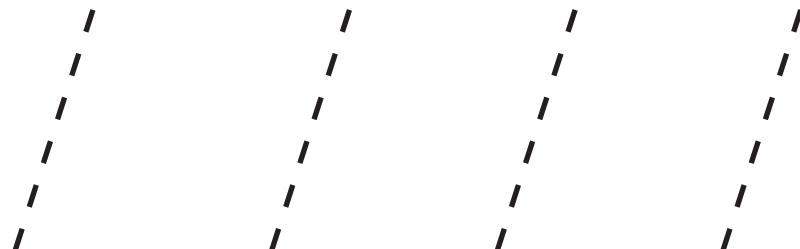
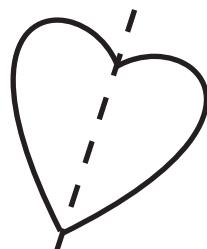
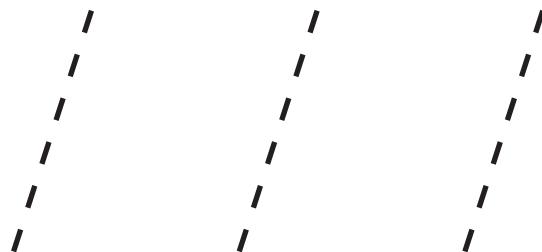
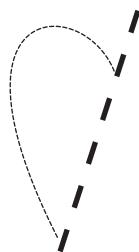
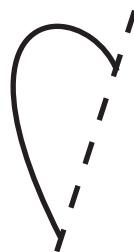
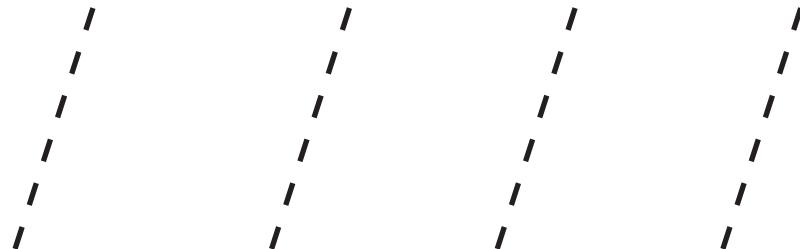
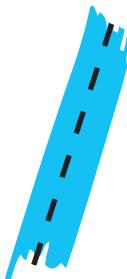


Bana xirhendzevutana eka xiharhi lexi nga eka xiyimo lexi eka rixaxa leri nga laha hansi.





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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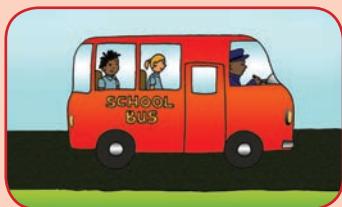


Languta swifaniso kutani u vula leswaku hi xihi lexi tekaka nkarhi wo leha (✓) na lexi tekaka nkarhi lowutsongo (✗). Gwajula (✓) lexi tekaka nkarhi wo leha. Bana xihambano (✗) eka lexi tekaka nkarhi lowutsongo.

## Mpfuxeto: Nkarhi



Ku ya exikolweni  
hi milenge.



Ku ya  
exikolweni hi movha.



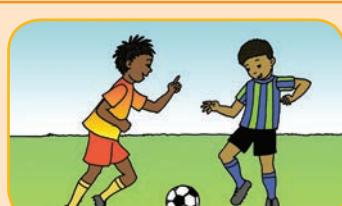
Ku endla  
sangweji.



Ku baka khekhe.



Ku tirha  
exikolweni.



Ku tlanga bolo  
ya milenge.



Ku penda yindlu.

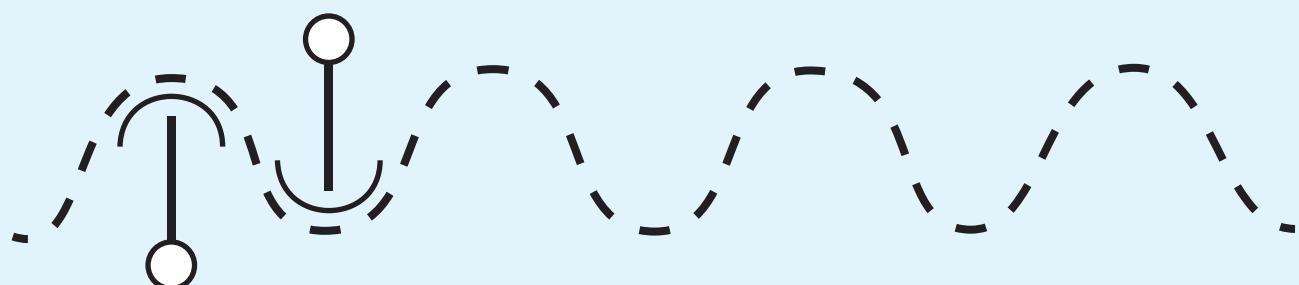
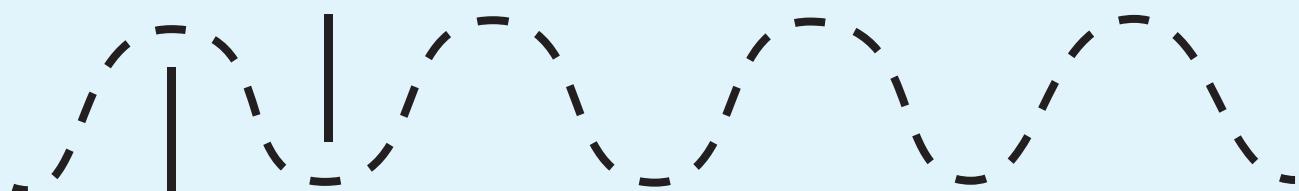
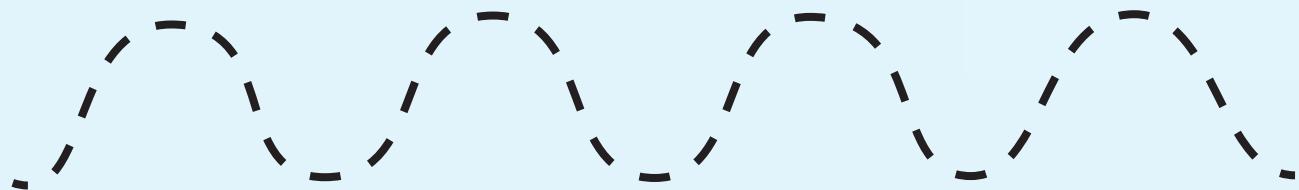


Ku penda  
xifaniso.





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.

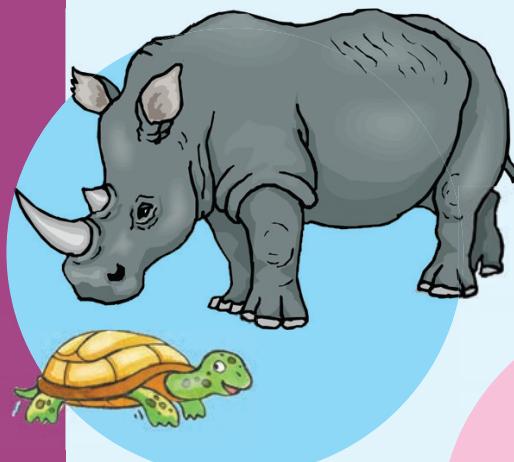


Teacher: Sign:
Date:



## 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.



Teacher:  
Sign:  
Date:



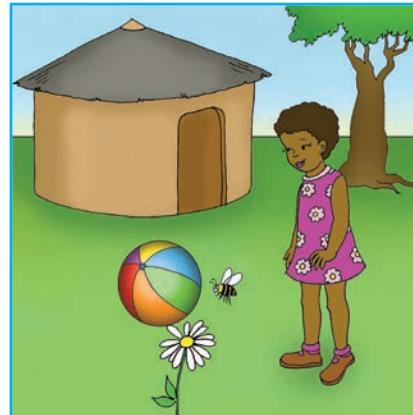
q



Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

N'we

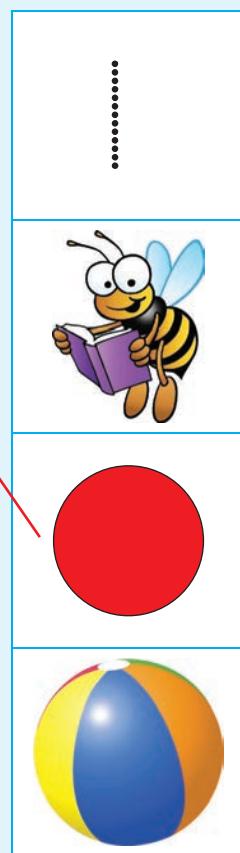
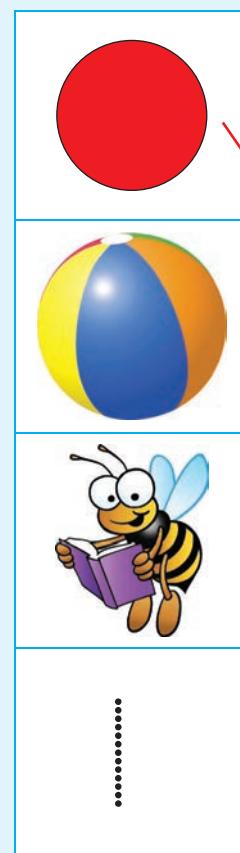
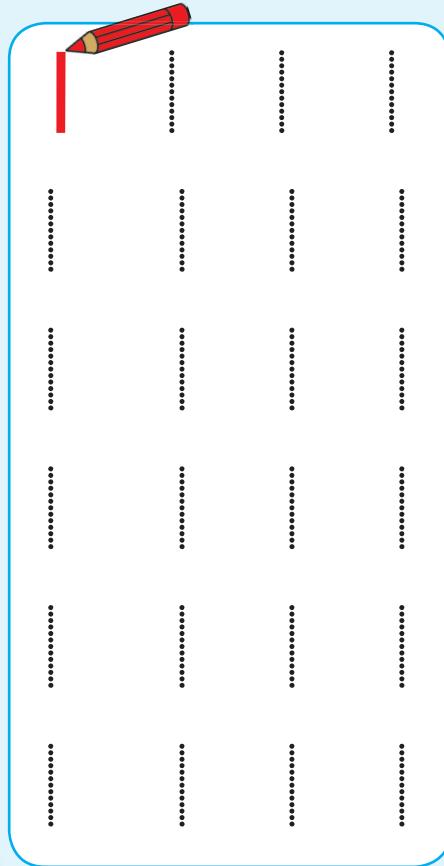
nyoxi yin' we  
nhwanyana un' we  
yindlu yin' we  
bolo yin' we



Landzelerisa nomboro.

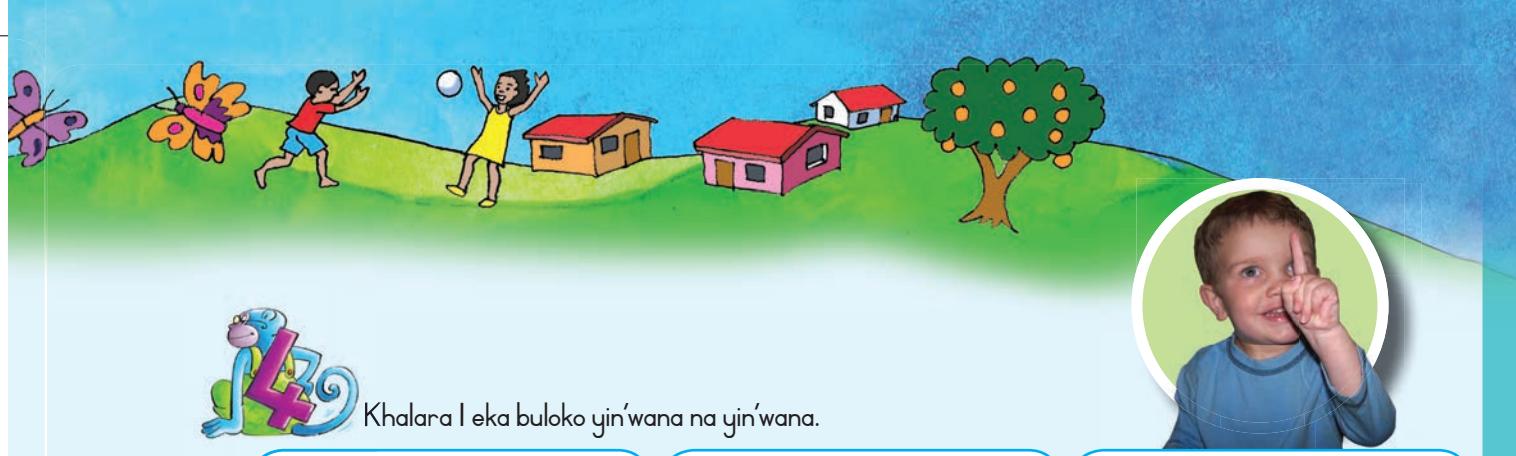


Yelanisa swifaniso.

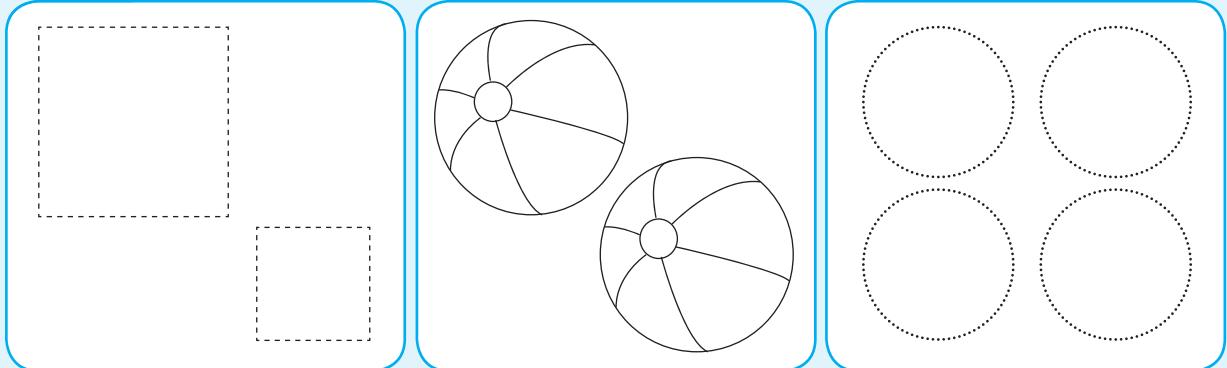


18

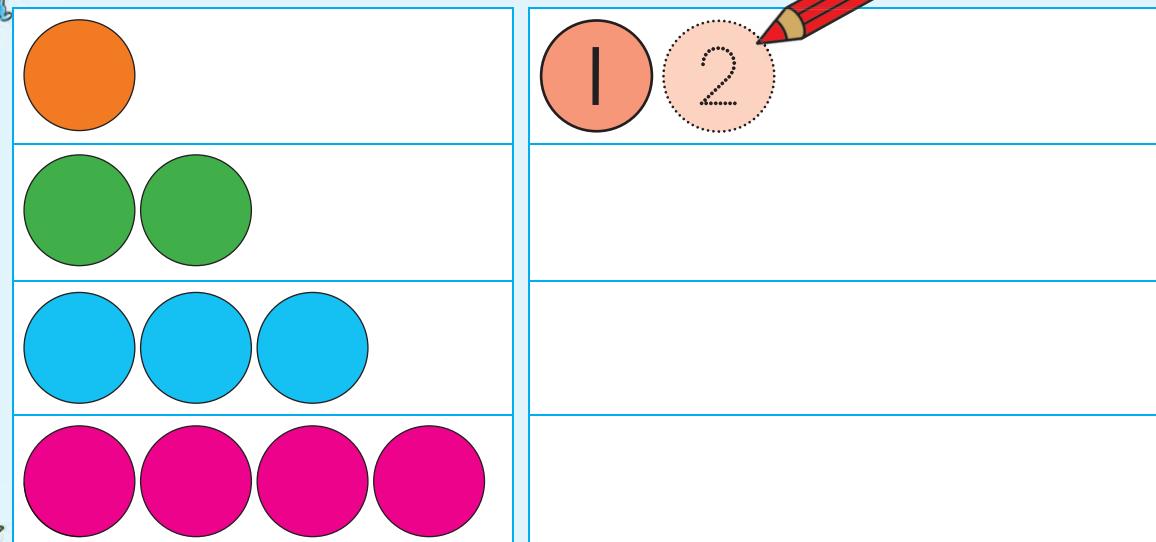
1 2 3 4 5 6 7 8 9 10



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



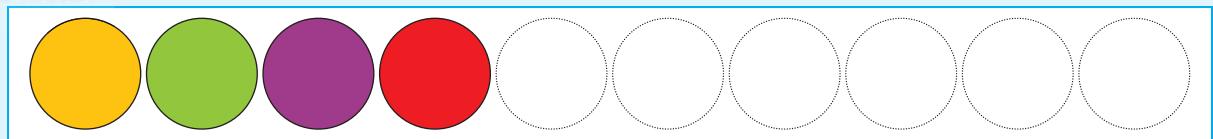
Kopunula u tlhela u dirowa l yin'wana.



Titolovete ku tsala nomboro.



Khalara swirhendzevutana loko u ri karhi u hlayela.



11 12 13 14 15 16 17 18 19 20

Teacher:  
Sign:  
Date:



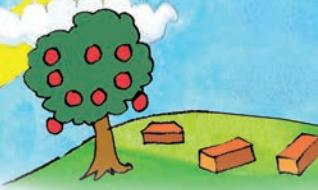
10

Kotara ya |

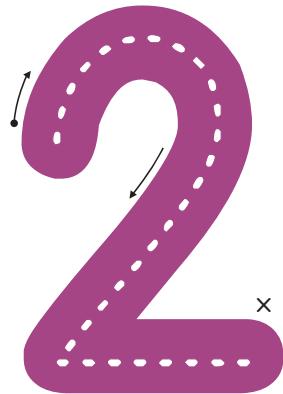
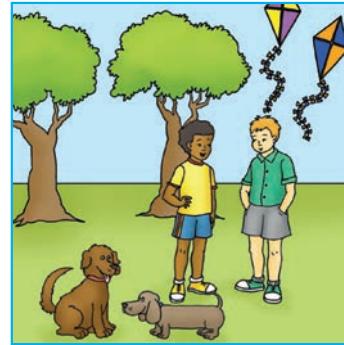


Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

Mbirhi



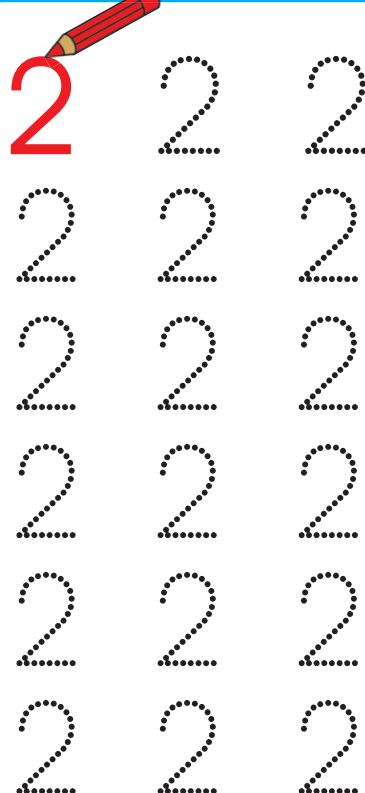
Mirhi mimbirhi  
Vafana vambirhi  
Tikhayiti timbirhi  
Timbyana timbirhi



Landzelerisa nomboro.

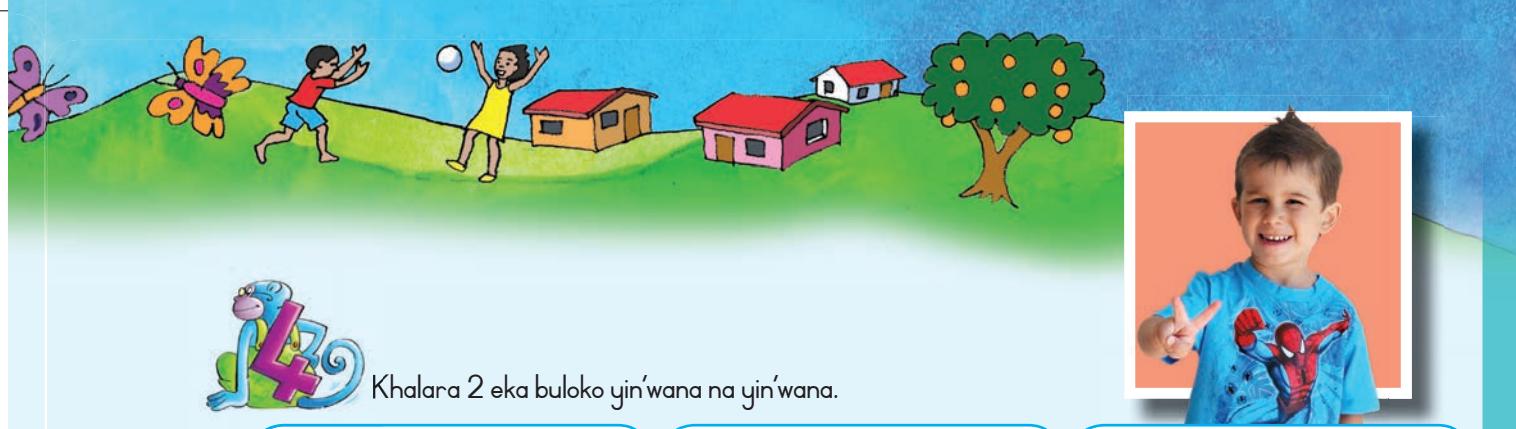


Yelanisa swifaniso.



20

1 2 3 4 5 6 7 8 9 10



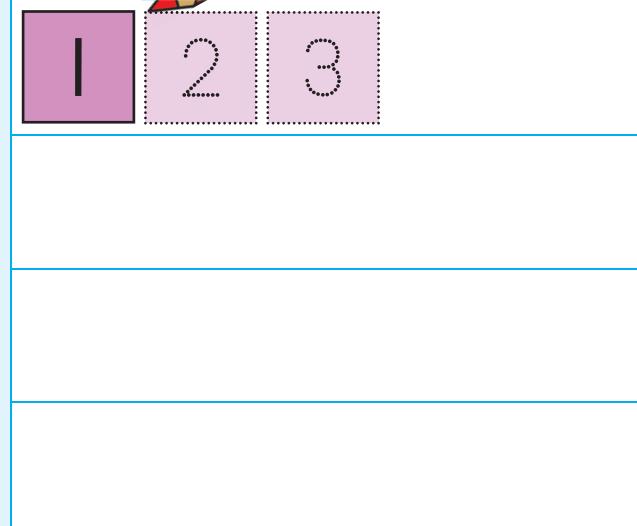
Kopunula u tlhela u dirowa 2 tin'wana.



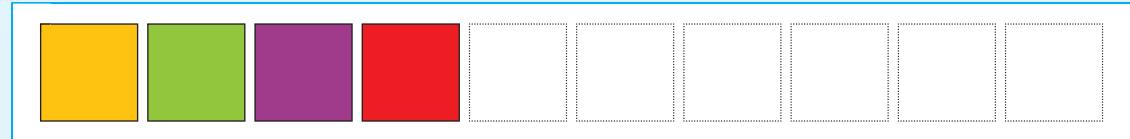
Titolovete ku tsala nomboro.



**2** mbirhi



Khalara swikwere loko u ri karhi u hlayela.



11 12 13 14 15 16 17 18 19 20



Teacher:  
Sign:  
Date:





Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

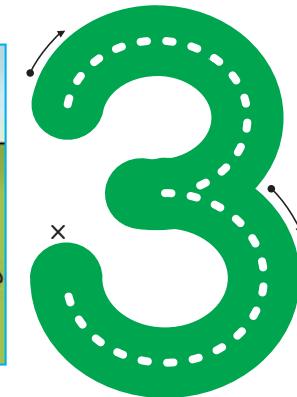
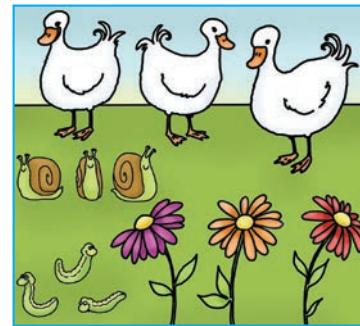
## Nharhu

Masekwa manharhu

Tihumba tinharhu

Swiluva swinharrhu

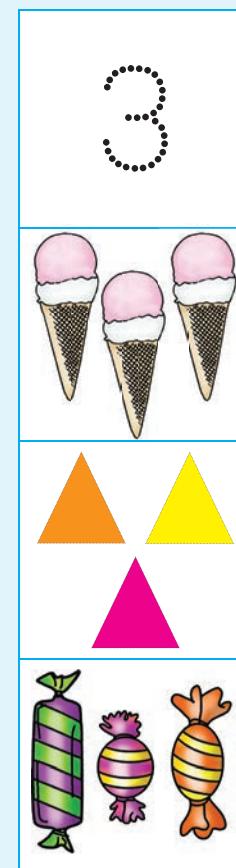
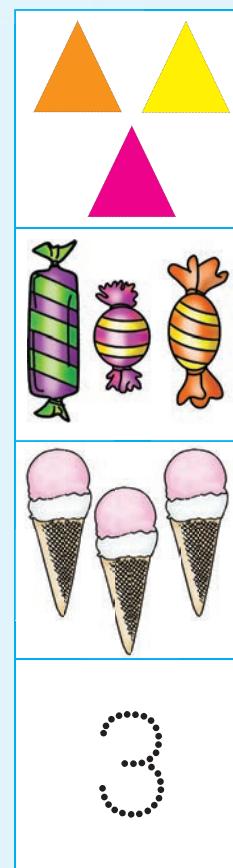
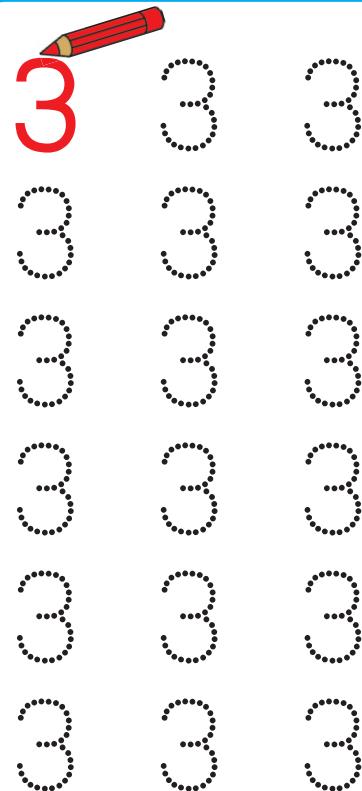
Swivungu swinharrhu

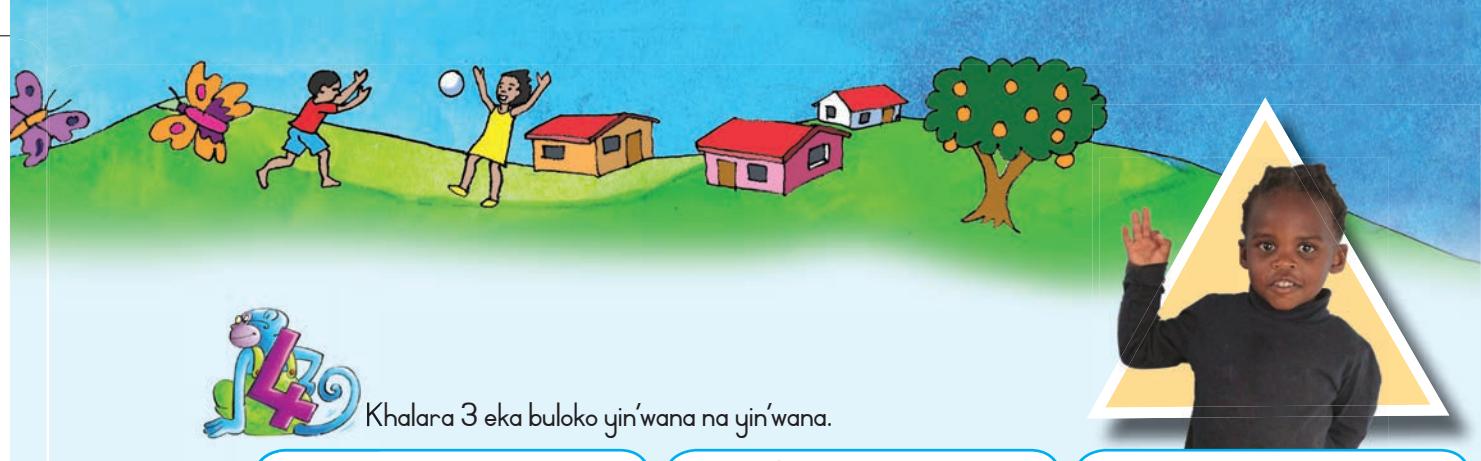


Landzelerisa nomboro.



Yelanisa swifaniso.





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



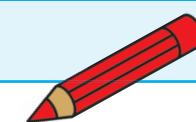
Kopunula u tlhela u dirowa 3 tin'wana.



Titolovete ku tsala nomboro.



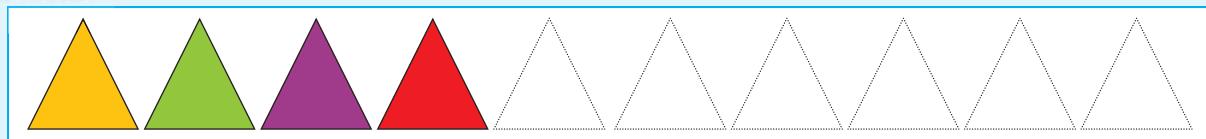
3 nharhu



3 3 3 3



Khalara tiyinhlanharhu loko u ri karhi u hlayela.



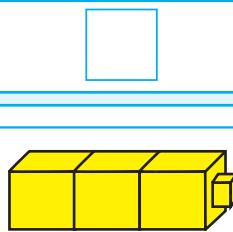
11 12 13 14 15 16 17 18 19 20

12a

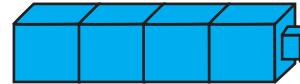
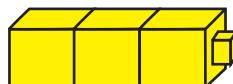
Kotara ya |



Gwajula (✓) xitimela xo koma swinene.



Gwajula (✓) xitimela xo leha swinene.

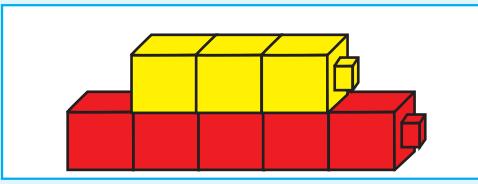


Dirowa xitimela xo lehanyana.





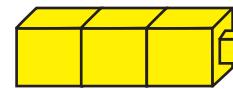
Khalara rito leri faneleke. Xitimela xo koma xi le:



mahlweni	henhla	ndzhaku
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mahlweni	henhla	ndzhaku
----------	--------	---------



mahlweni	henhla	ndzhaku
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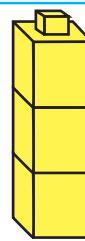


Dirowa xitimela xo leha.

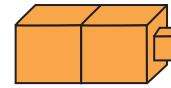
ehenhla



ekusuhi na



emahlweni



Teacher:  
Sign:  
Date:



12b

Kotara ya |

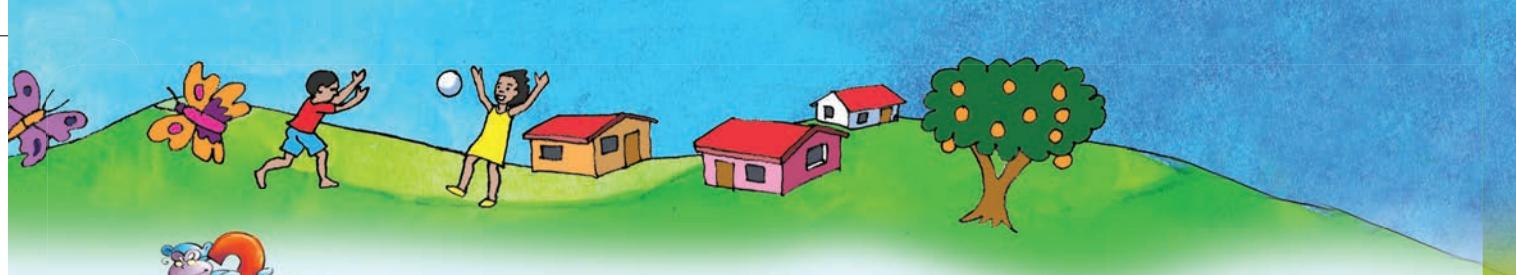


Khalara nhlamulo leyi faneleke.

## Ku leha na ku koma

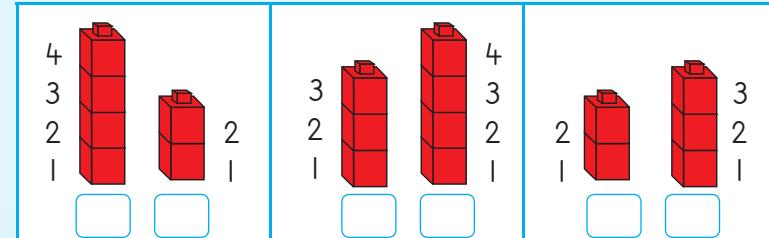


koma      leha

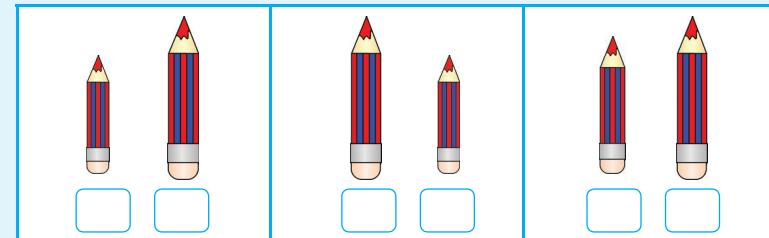


Gwajula nhlamulo leyi faneleke.

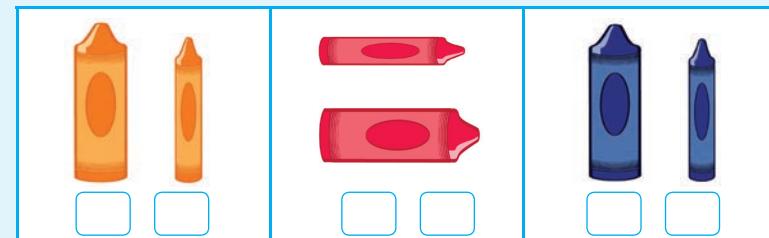
Gwajula buloko yo leha  
swinene.



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.



Teacher:  
Sign:  
Date:



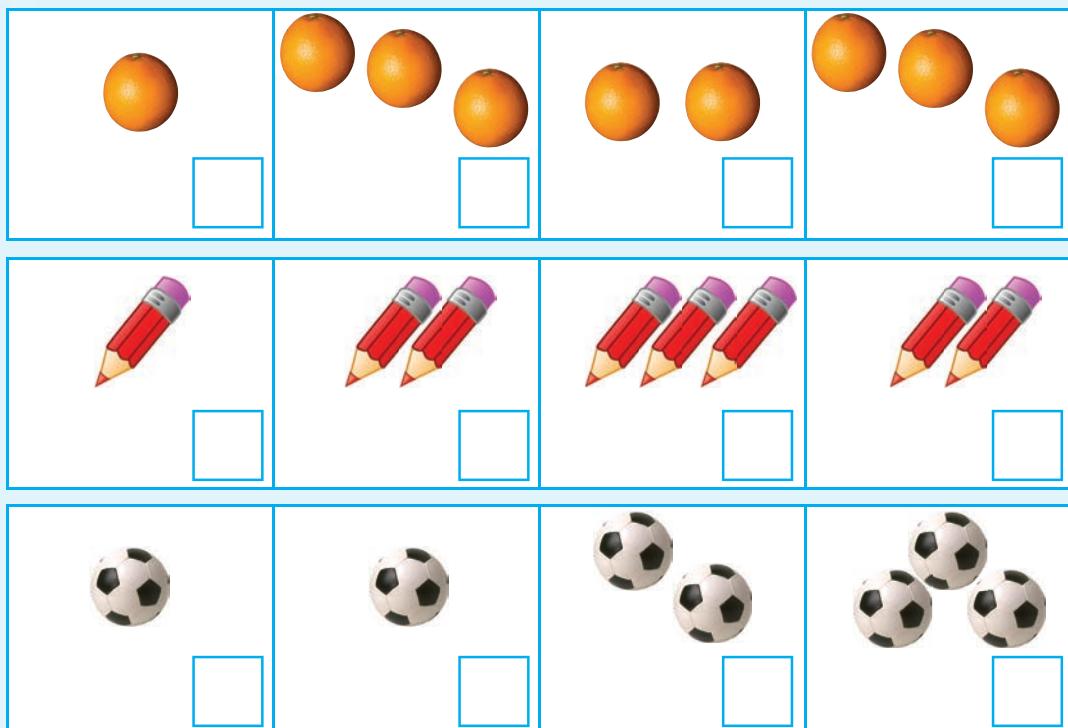
13

Kotara ya!

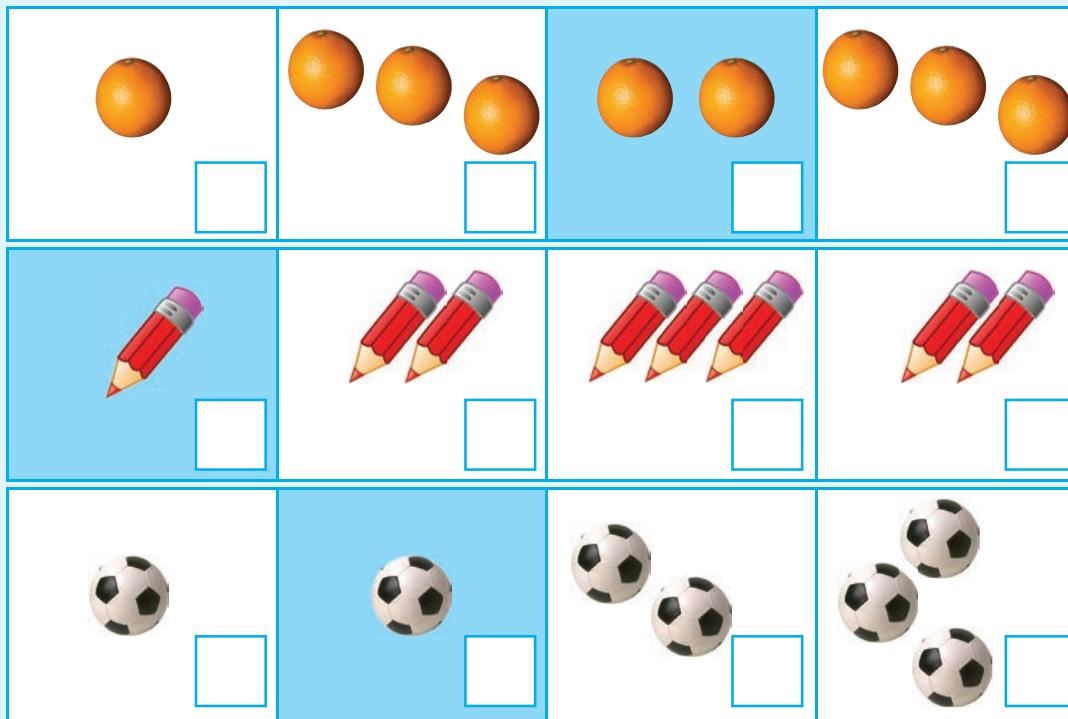


## Ringanisa tinomboro ta 1-3

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.



28

1 2 3 4 5 6 7 8 9 10



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 letinhharhu.

1	2	3
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Teacher:  
Sign:  
Date:

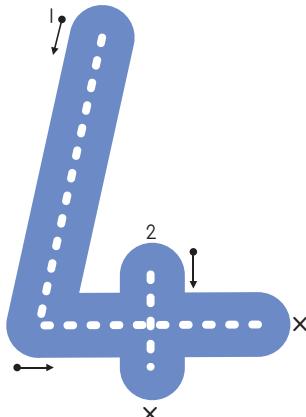
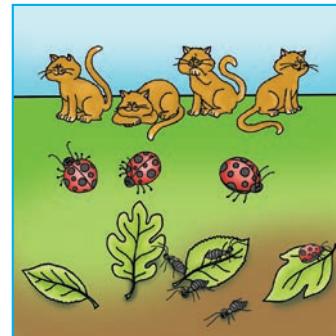




Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

## Mune

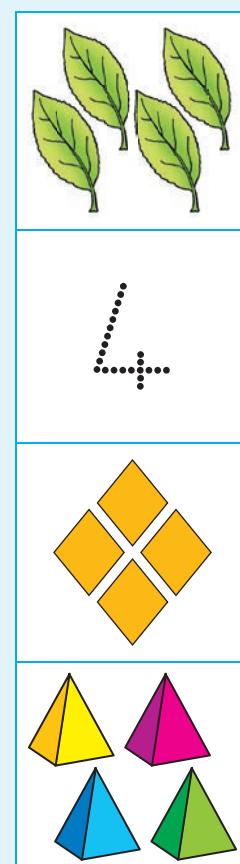
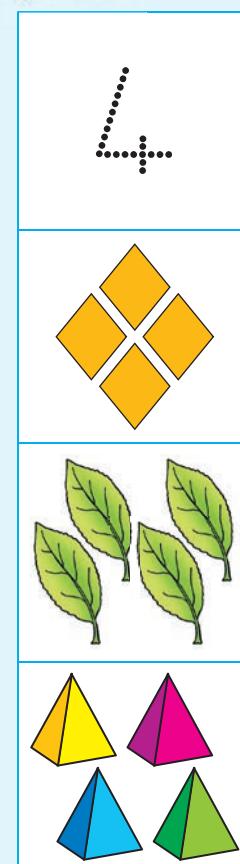
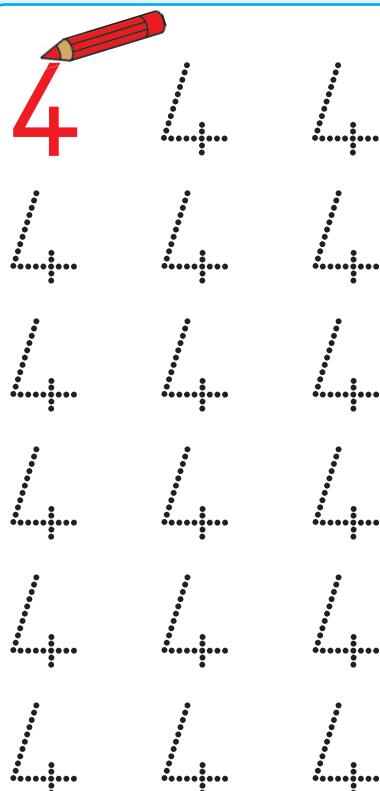
Swimanga swa mune  
Masokoti ya mune  
Matluka ya mune  
Swifufunhunu swa mune

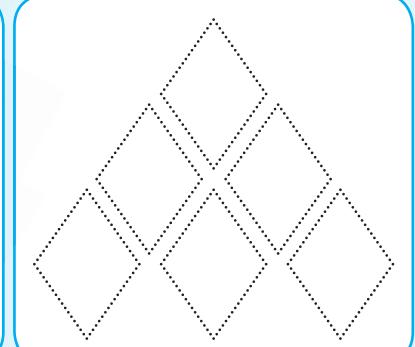
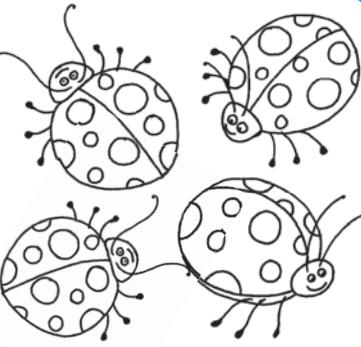
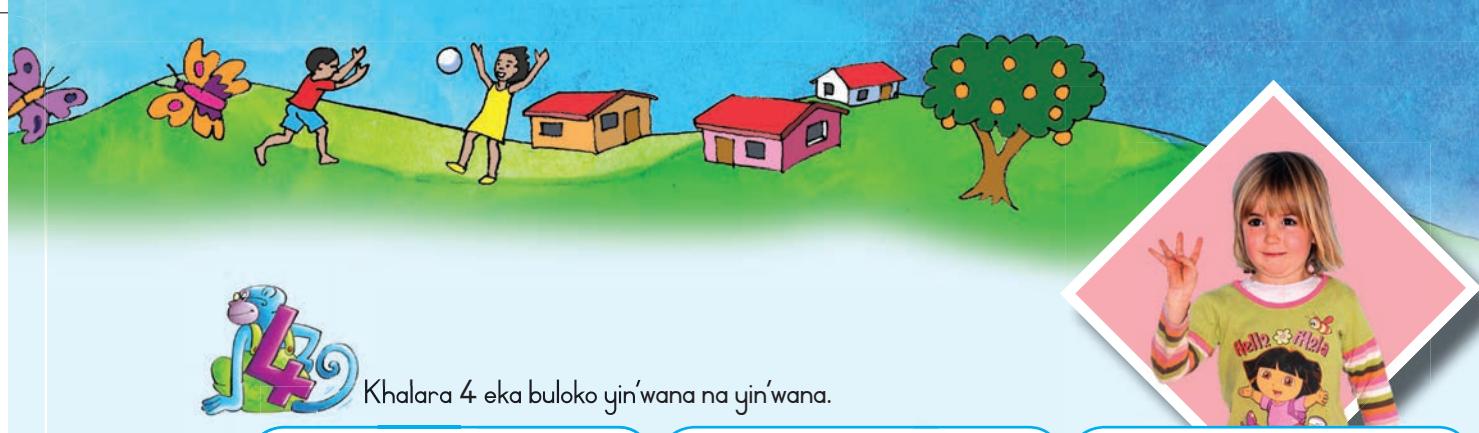


Landzelerisa nomboro.

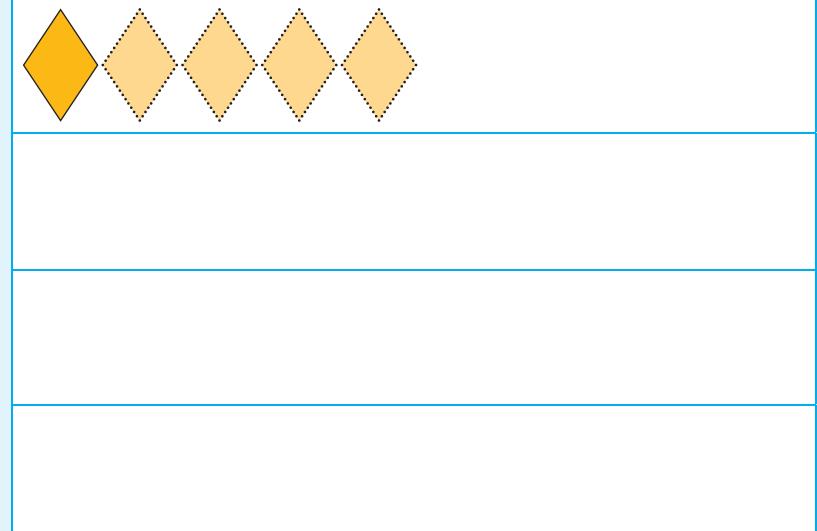
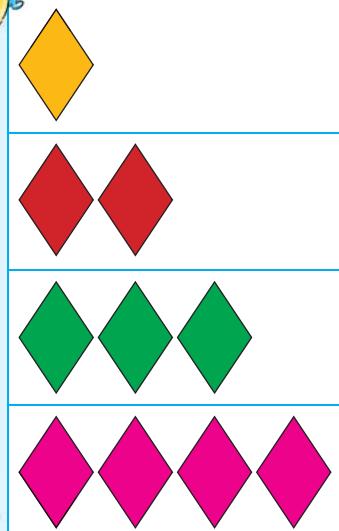


Yelanisa swifaniso.





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



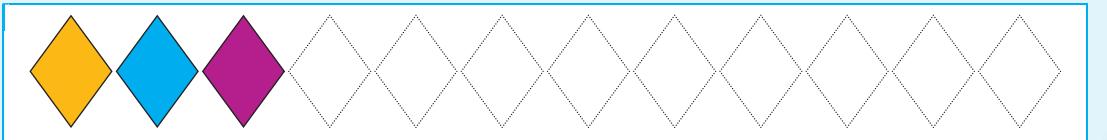
Titolovete ku tsala nomboro.



mune



Khalara swidayimani loko u ri karhi u hlayela.



15

Kotara ya!



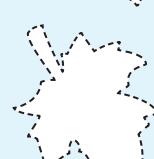
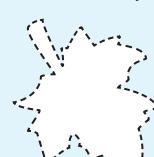
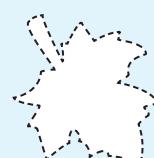
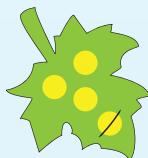
## Ku hlanganisa no susa ku fika eka 4

Hetisa leswi landzelaka hi ku dirowa:

	na		swi endla	<input type="text"/>		na	<input type="text"/>	swi endla	
	na		swi endla	<input type="text"/>		na	<input type="text"/>	swi endla	
	na		swi endla	<input type="text"/>		na	<input type="text"/>	swi endla	



Ku sale swihlayelo  
swingani? Swi  
dirowe.



Tsala xivulwa xa tinomboro xa:

	4	susa	<input type="text"/>	swi endla	<input type="text"/>	3
		susa	<input type="text"/>	swi endla	<input type="text"/>	
		susa	<input type="text"/>	swi endla	<input type="text"/>	





Hlanganisa leswi kutani u tsala nhlamulo.



na



na



1 na 2 swi endla

3



2 na 2 swi endla



na



na



3 na 1 swi endla



na



1 na 3 swi endla



na



2 na 2 swi endla



Teacher:  
Sign:  
Date:



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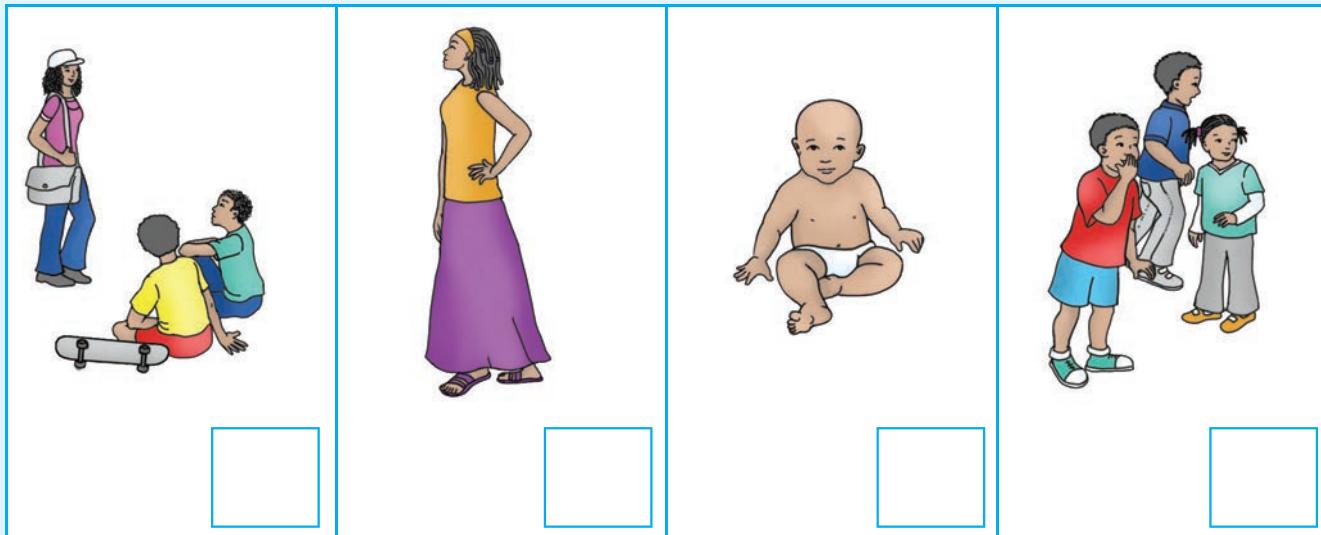
16

Kotara ya |

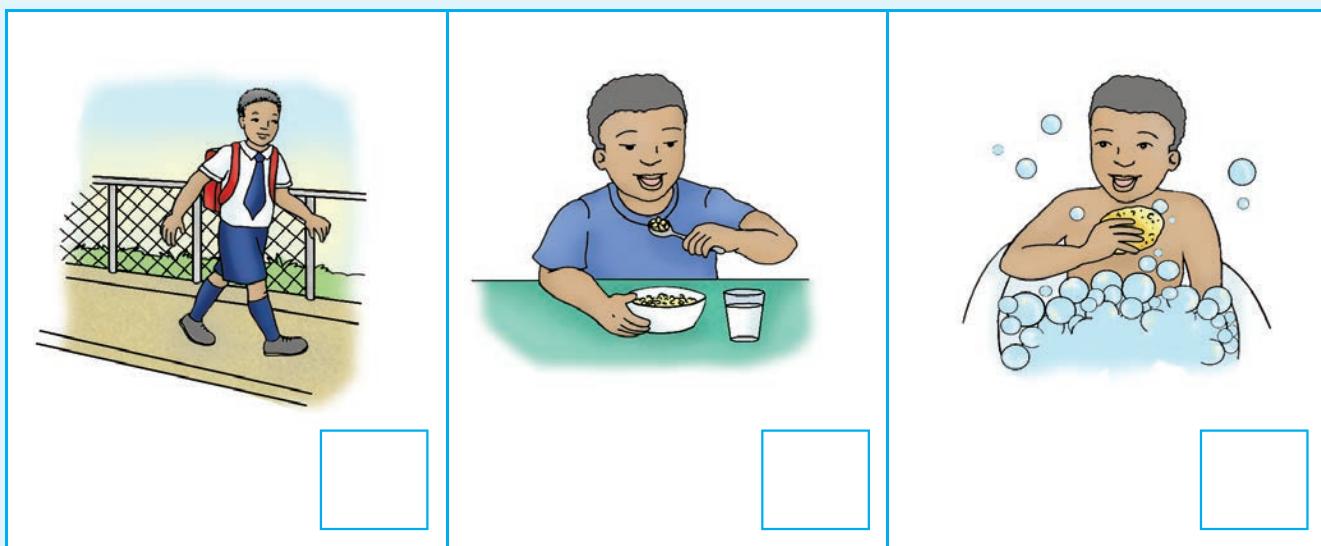


## Nkarhi

Tsala tinomboro ta l ku fika eka 4 etibulokweni ku kombeta swijimo swa makulele ya munhu.



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



1 2 3 4 1 2 3 4



34

1 2 3 4 5 6 7 8 9 10



Dirowa xanchumu:

a. lexí u xi endleke tolo



b. lexí u xi endleke namuntlha



c. lexí u nga ta xi endla mundzuku



Teacher:  
Sign:

Date:





Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

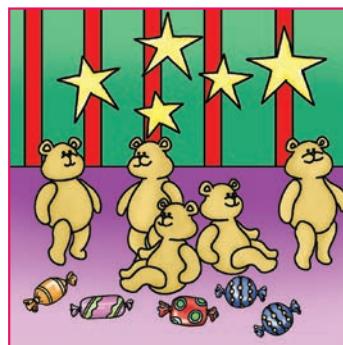
## Ntlhanu

Tithedi ta ntłhanu

Swiwitsi swa ntłhanu

Tinyeleti ta ntłhanu

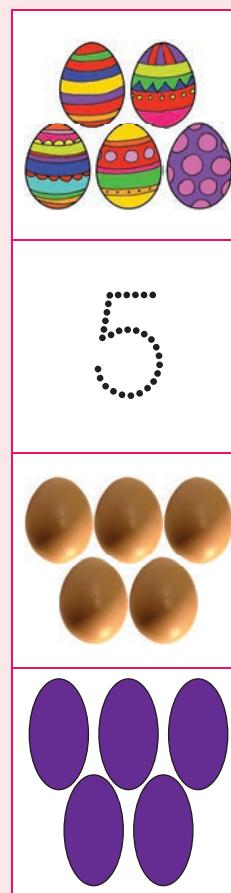
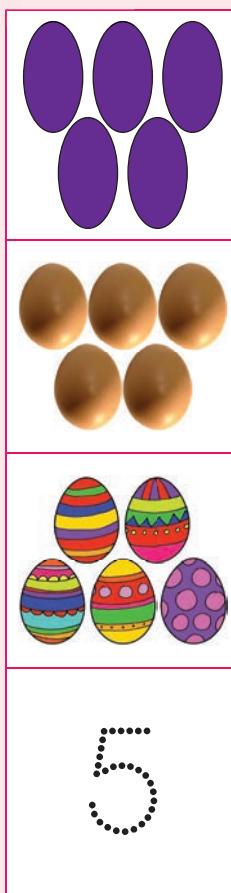
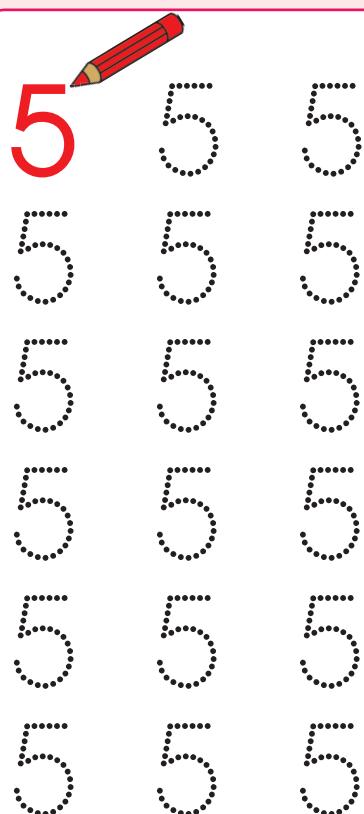
Switirayipi swa ntłhanu



Landzelerisa nomboro.

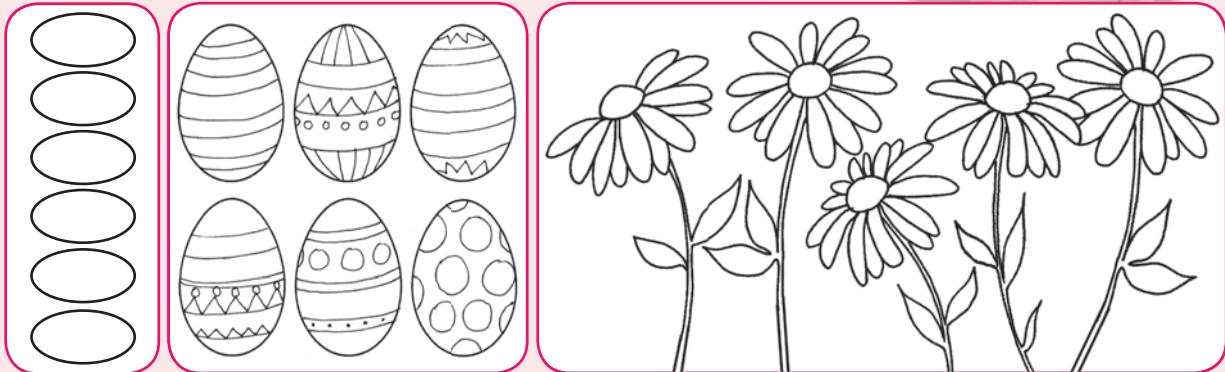


Yelanisa swifaniso.





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



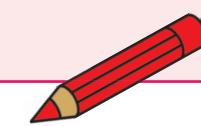
Kopunula kutani u dirowa swin'wana swa 5.



Titolovete ku tsala nomboro.



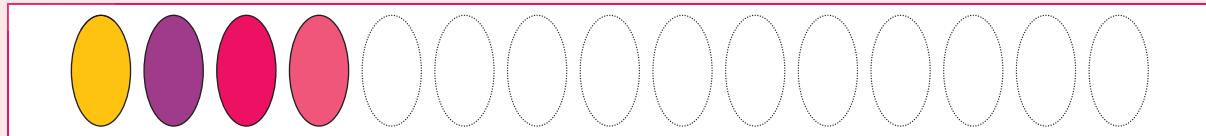
5 ntihhanu



5 5 5 5



Khalara vutandza loko u ri karhi u hlayela.



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Teacher:  
Sign:

Date:



## Pfuxeta tinomboro ta l ku fika eka 5

Titolovete ku tsala tinomboro leti landzelaka.



Bana xirhendzevutana eka nomboro leyj 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	nthhanu

|q

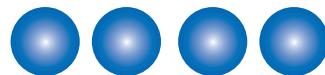
Kotara ya |



## 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



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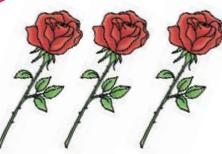
2 na 2 swi endla 4



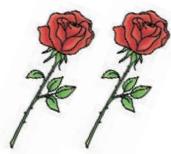
na



2 na 1 swi endla



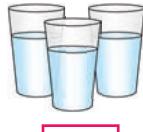
na



3 na 2 swi endla



na



2 na 3 swi endla



Dirowa tiyinhlanharhu tin'wana. Xana u lemuka yini?



	yin'wana yi 1	
	tin'wana ti 2	
	tin'wana ti 3	
	tin'wana ta 4	



Dirowa nhlamulo kutani u tsala nhlayo ya:

	na		swi hi nyika	
	na		swi hi nyika	
	na		swi hi nyika	
	na		swi hi nyika	
	na		swi hi nyika	
	na		swi hi nyika	



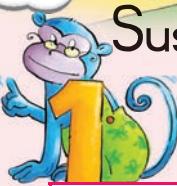
Teacher:  
Sign:

Date:



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Kotara ya |



## 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		i	4
		susa		i	
		susa		i	



Susa hi ku hlayela u ya endzhaku.

5 hi susa 3



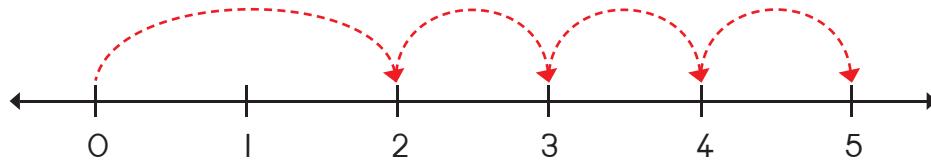
5 hi susa 2





Hlanganisa hi ku hlayela u ya emahlweni .

2 hlanganisa na 3

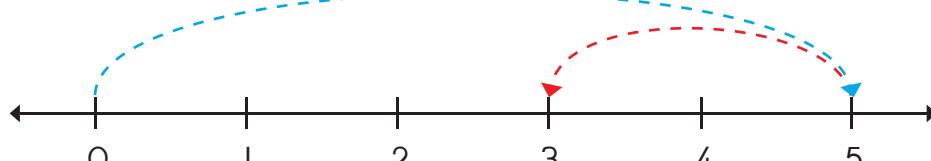


1 hlanganisa na 4



Kombisa nhlayo eka ndzhati wa mitsengo.

5 hi susa 2



5 hi susa 4



21

Kotara ya |



## Hlanganisa no susa ku fika eka 5

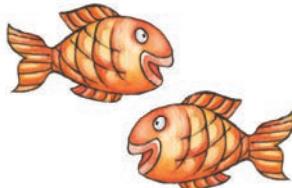
Hetisa leswi landzelaka:



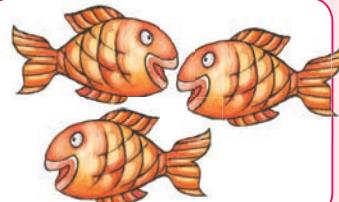
na



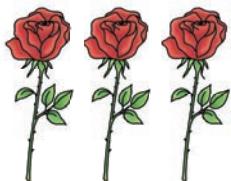
swi ndzi nyike



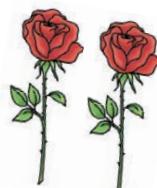
na



swi ndzi nyike



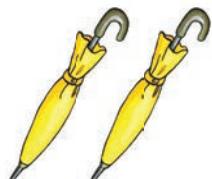
na



swi ndzi nyike

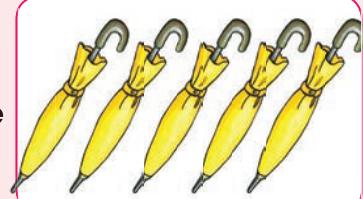


Hetisa leswi landzelaka:



na

ndzi nyike



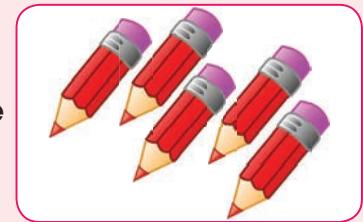
na

ndzi nyike



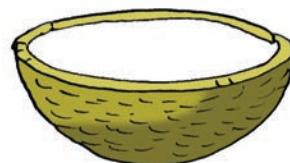
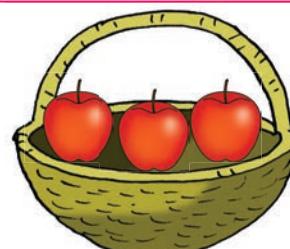
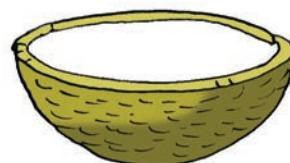
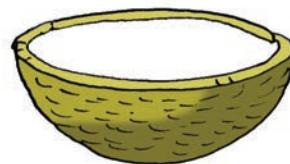
na

ndzi nyike

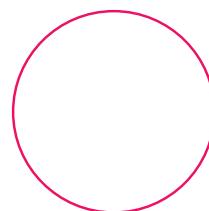
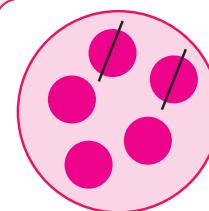
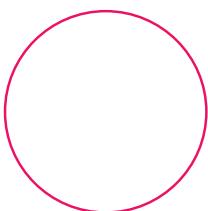
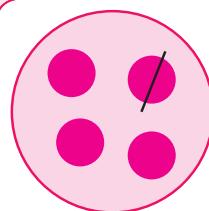




Dirowa maqpula man'wana leswaku ya va 5.



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



Tinhlayo ta marito.

Mudyondzisi/mutswari wa wena u ta ku hlayela kutani u fanelu 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:

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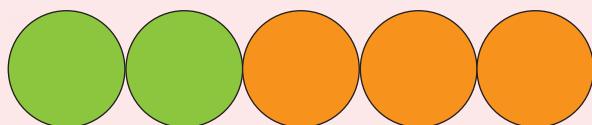
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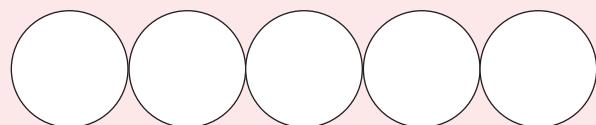


## Ku hlanganisa na ku susa | ku fika eka 5

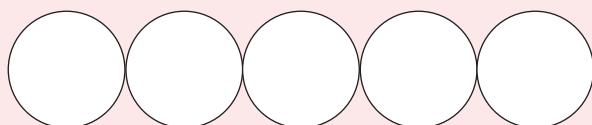
Khalara vuhlalu ku kombisa leswaku:



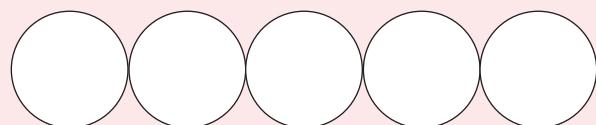
2 na 3 i 5



1 na 4 i 5



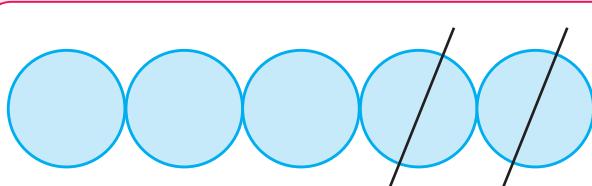
3 na 2 i 5



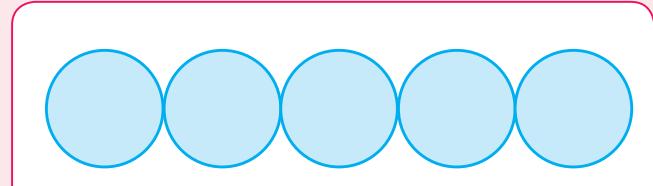
4 na 1 i 5



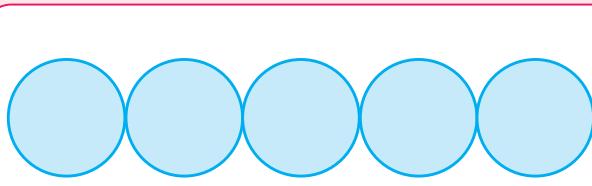
Bana ntla ehenhla ka vuhlalu ku kombisa leswaku:



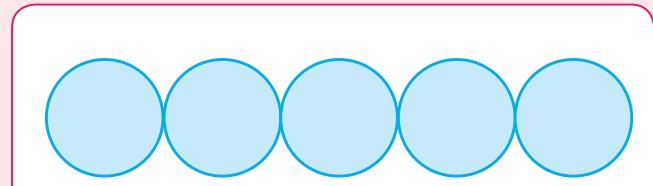
5 susa 2 i 3



5 susa 1 i 4



5 susa 3 i 2



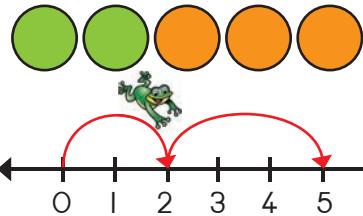
5 susa 4 i 1



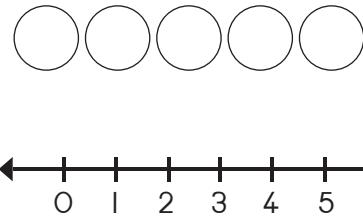


Khalara vuhlalu. Pfuna chela ku swi kombisa eka ndzhati wa mitsengo.

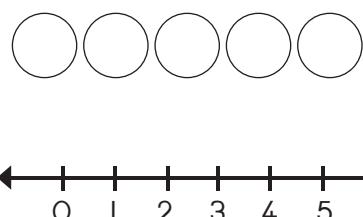
2 na 3 i



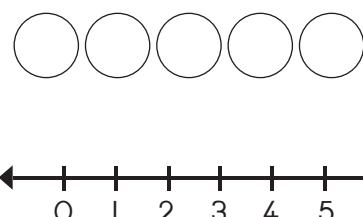
3 na 2 i



1 na 4 i

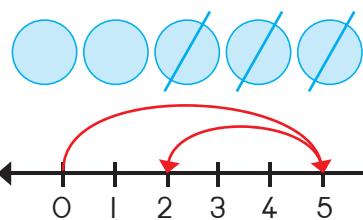


4 na 1 i

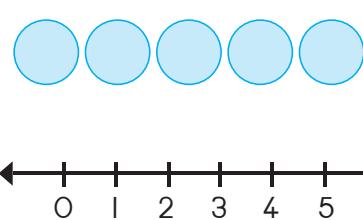


Bana ntila ehenhla ka vuhlalu lebyi u byi suseke kutani u kombisa eka ndzhati wa mitsengo.

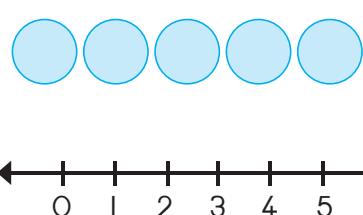
5 susa 3



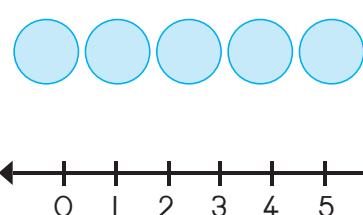
5 susa 2



5 susa 1



5 susa 4



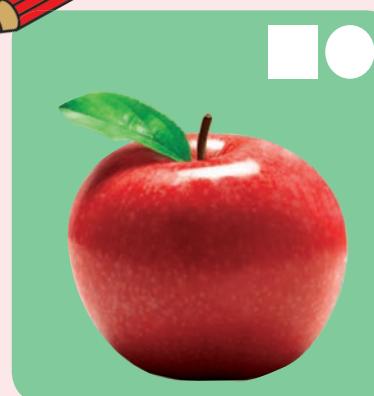
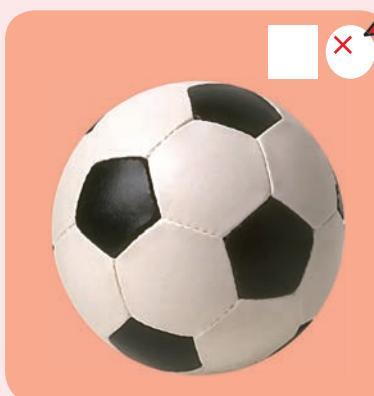
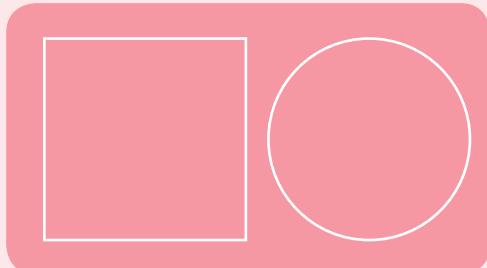
Teacher:  
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## Tibolo na mabokisi

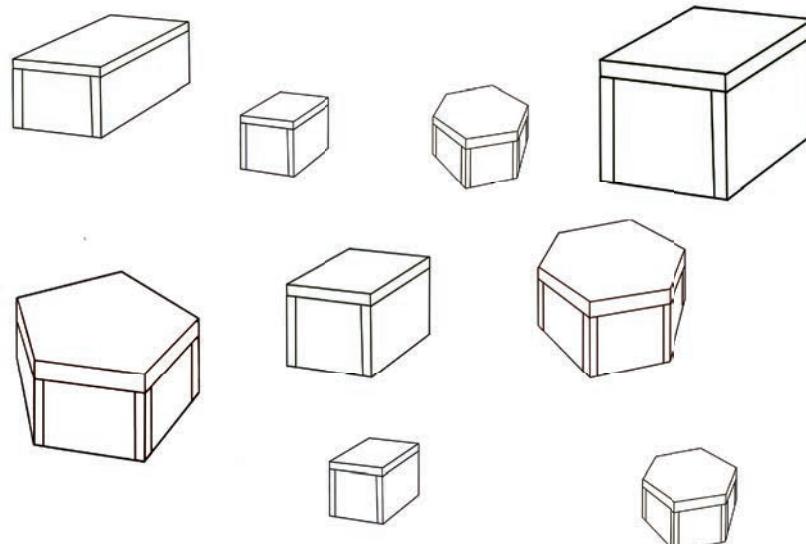
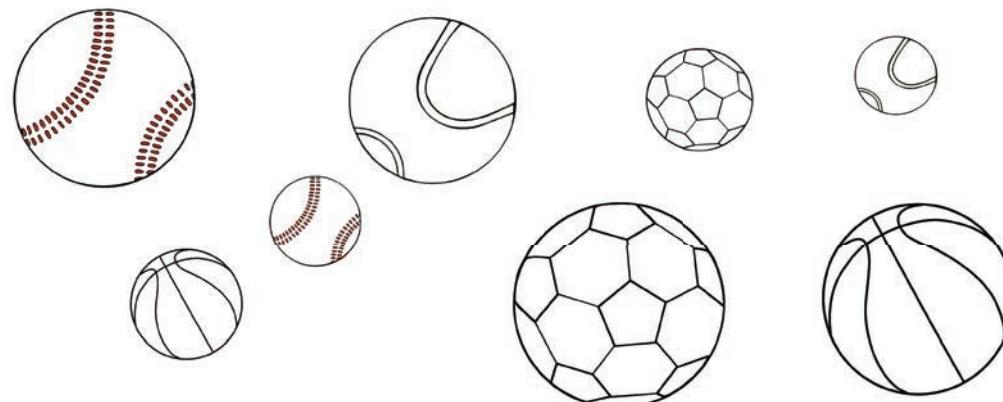
Hi xihi lexi fanaka na mabokisi?  
Hi xihi lexi fanaka na tibolo?  
Hi xihi lexi khungulukaka naswona hi xihi lexi rhetaka?





Khalara hinkwaswo:

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



Landzelerisa marito.

bokisi

bolo

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Teacher:  
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Date:



24a

Kotara ya |

## Ximatsi na xinene



	ximatsi	xinene	
Murhi wu le ka	<input type="checkbox"/>	<input type="checkbox"/>	xa yena
Movha wu le ka	<input type="checkbox"/>	<input type="checkbox"/>	xa yena
Yindlu yi le ka	<input type="checkbox"/>	<input type="checkbox"/>	xa yena
Xinyenyana xi le ka	<input type="checkbox"/>	<input type="checkbox"/>	xa yena
Xisaka xi le ka	<input type="checkbox"/>	<input type="checkbox"/>	xa yena

	ximatsi	xinene	
Mbyana yi le ka	<input type="checkbox"/>	<input type="checkbox"/>	xa yena
Nyimpfu yi le ka	<input type="checkbox"/>	<input type="checkbox"/>	xa yena
Yindlu yi le ka	<input type="checkbox"/>	<input type="checkbox"/>	xa yena
Xikolo xi le ka	<input type="checkbox"/>	<input type="checkbox"/>	xa yena
Xiluva xi le ka	<input type="checkbox"/>	<input type="checkbox"/>	xa yena





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.



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Teacher:  
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24b

Kotara ya!



## Matlhelô

Pfuna mpfundla ku kuma makheroti. Xana wu fanele ku jikela **ximatsini** kumbe **xineneni**?

ximatsi	xinene
<input checked="" type="checkbox"/>	

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.




## Ku aka no tlhantlha tinomboro

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



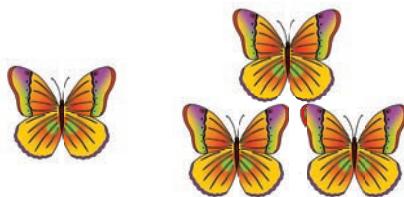
2 na  1 i  3



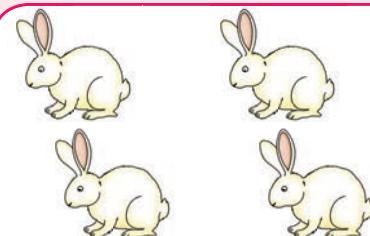
na  i



na  i



na  i



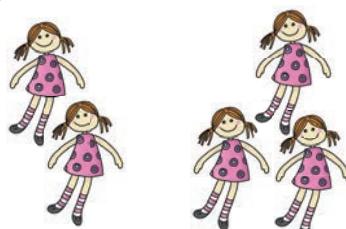
na  i



na  i



na  i

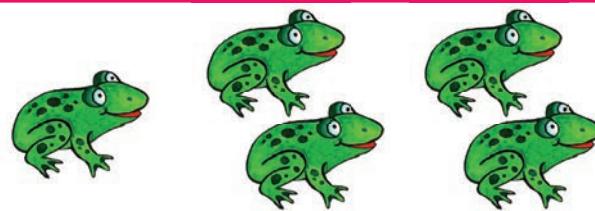


na  i

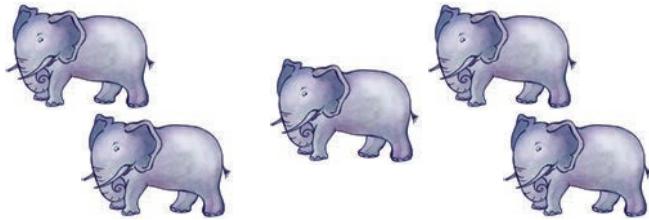




Sweswi ringeta leswi.



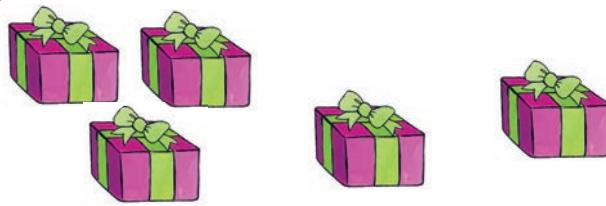
na  na  i



na  na  i



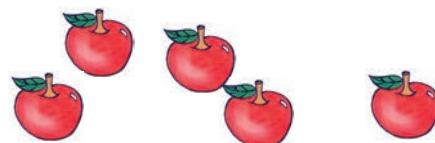
na  na  i



na  na  i



na  na  i



na  na  i



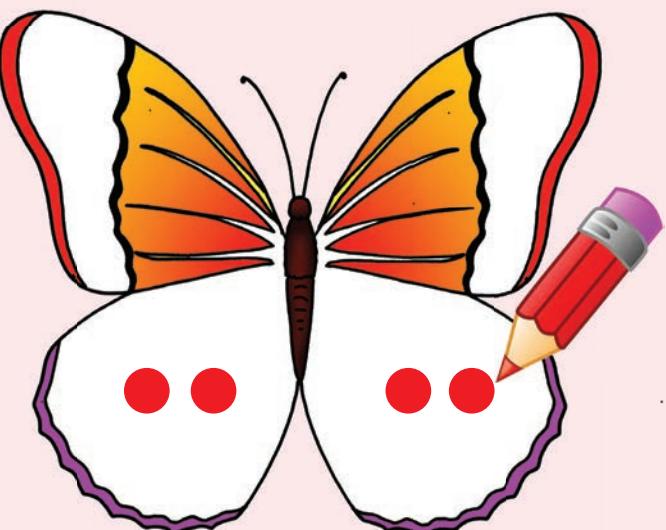
Teacher:  
Sign:  
Date:

26

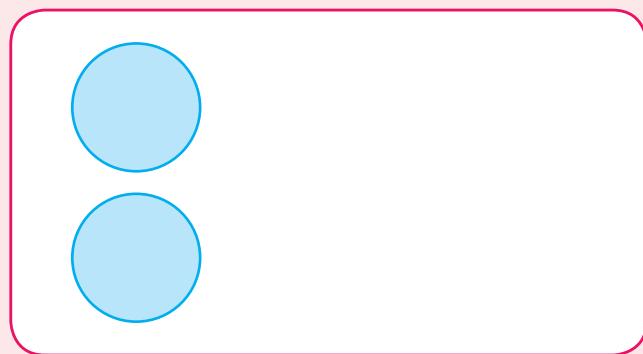
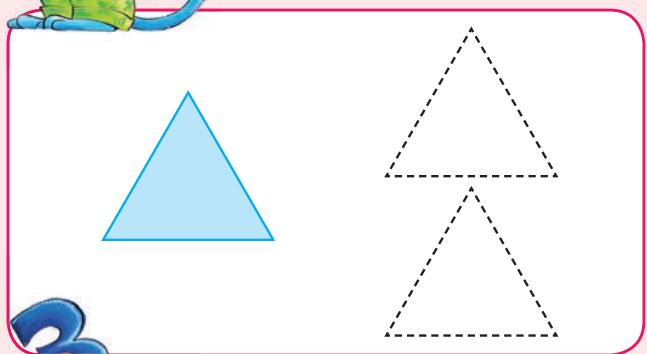
Kotara ya!



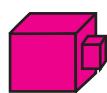
Andzisa kambirhi mathonsi etimpapeni.



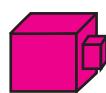
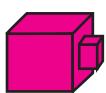
Andzisa kambirhi swivumbeko.



Dirowa kutani u tata tinomboro.



Kambirhi i



Kambirhi i



Kambirhi



i



Kambirhi i



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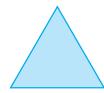
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Dirowa kutani u tata tinomboro.



Kambirhi i



I

Kambirhi i

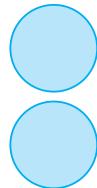
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hlanganisa na

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Kambirhi i



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Kambirhi i

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hlanganisa na

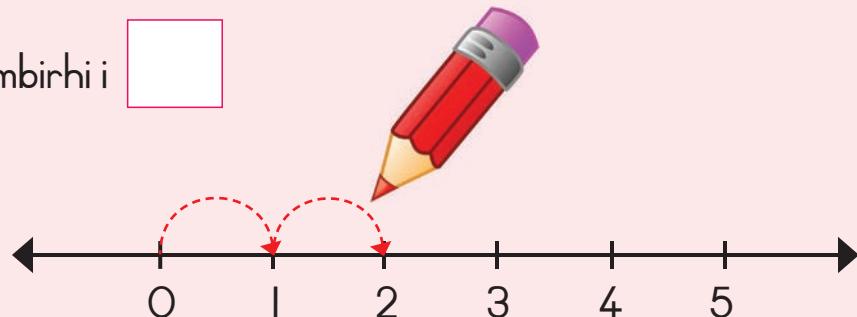
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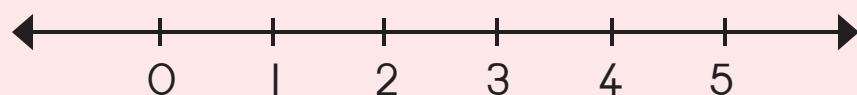


Kombisa leswi landzelaka eka ndzhati wa mintsengo.

I kambirhi i



2 kambirhi i



Teacher:  
Sign:

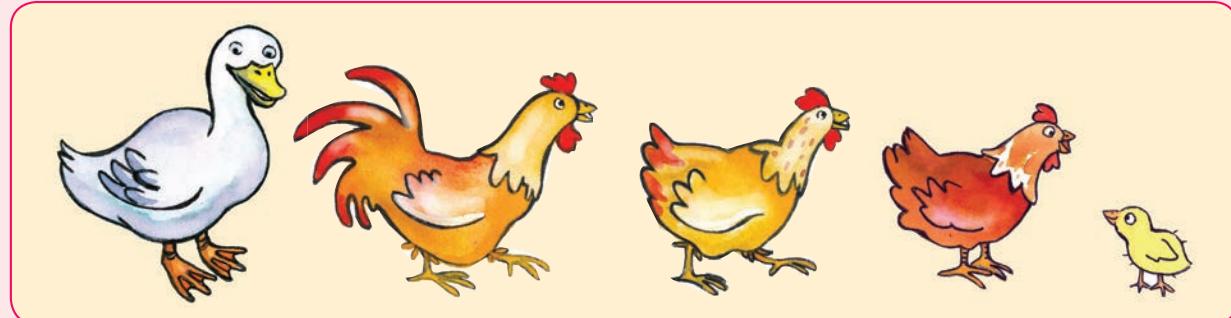
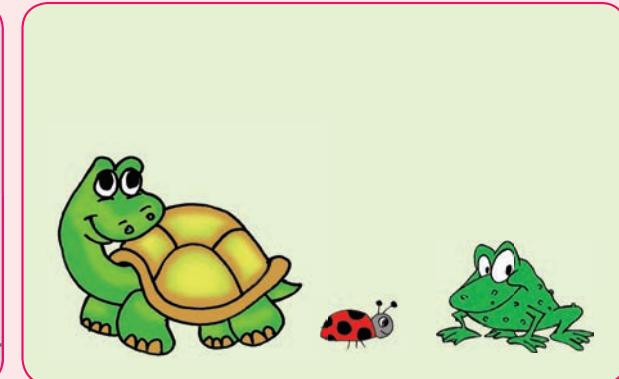
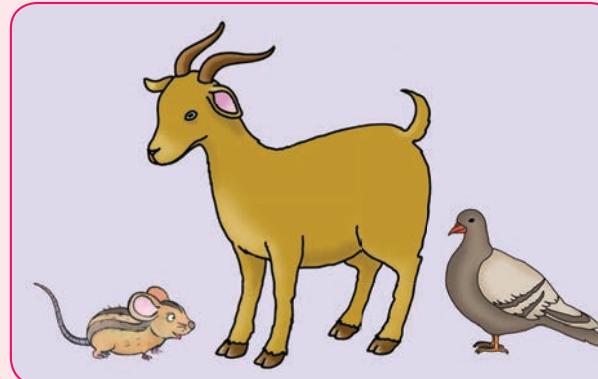
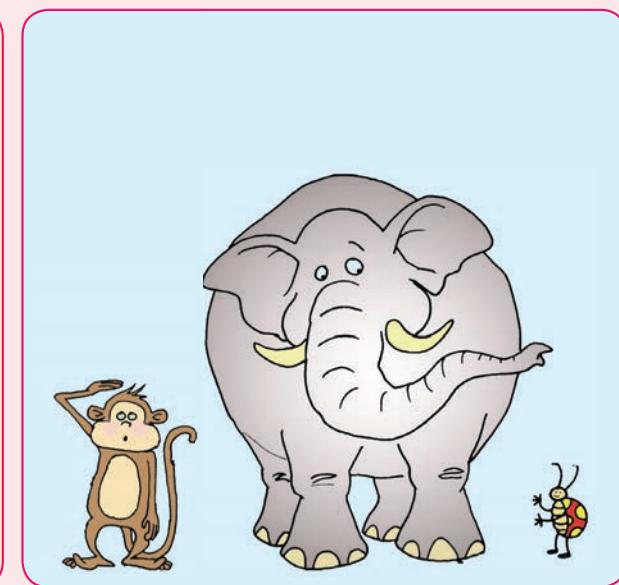
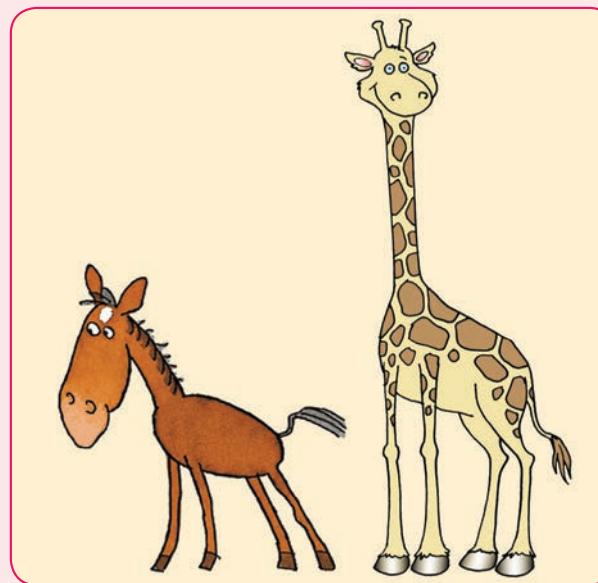
Date:



## Lexikulu na lexitsono

● Bana xirhendzevitana xo tshwuka eka xiharhi lexikulu swinene

■ Dirowa xikwere eka xiharhi lexitsono swinene eka bokisi rin'wana na rin'wana.



lexikulu lexitsono

lexikulu  
swinene

lexitsono  
swinene



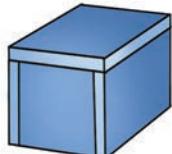
Dirowa bolo leyikulu.



Dirowa bolo  
leyitsongo.



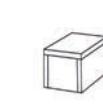
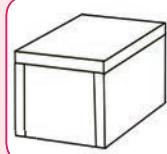
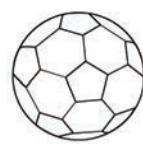
Dirowa bokisi  
leritsongo.



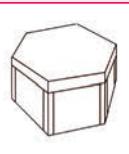
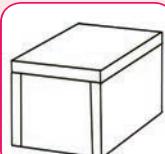
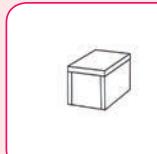
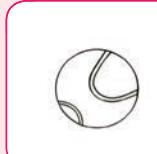
Dirowa bokisi  
lerikulu.



Khalara bokisi leritsongo swinene na bolo leyitsongo swinene.



Khalara bokisi lerikulu swinene na bolo leyikulu swinene.



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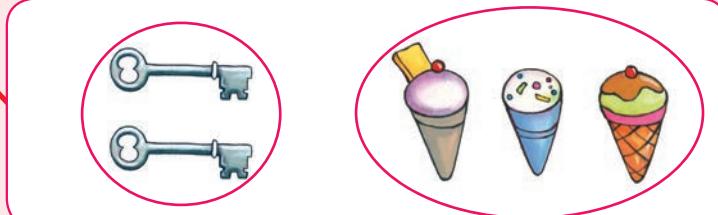
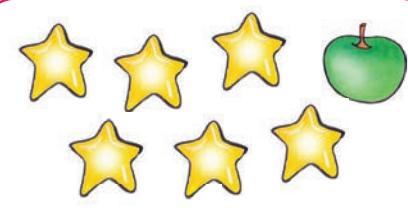
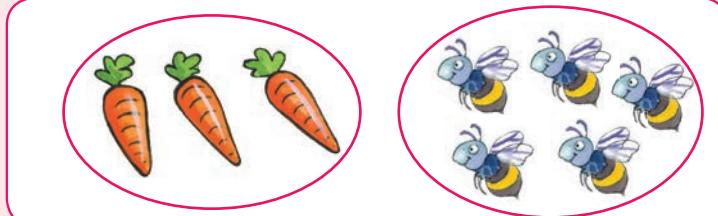
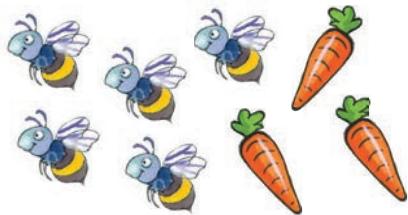
28

Kotara ya |

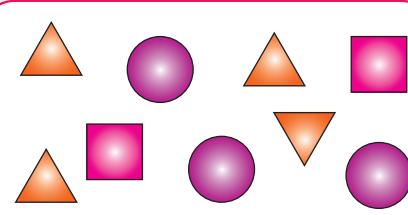
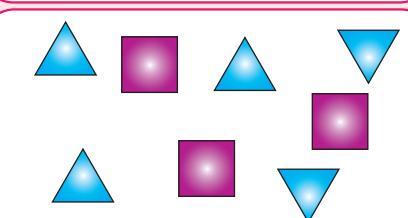
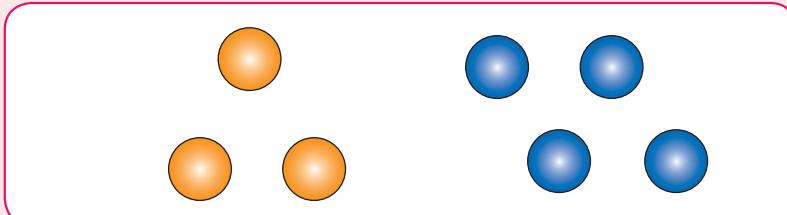
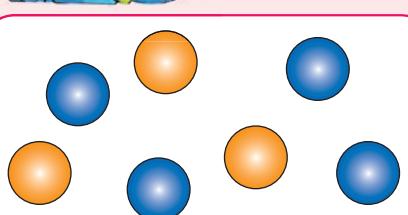
## Hlawula swilo



Yelanisa swilo leswi nga hlawuriwa na xifaniso.

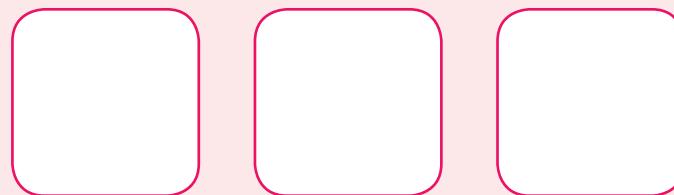
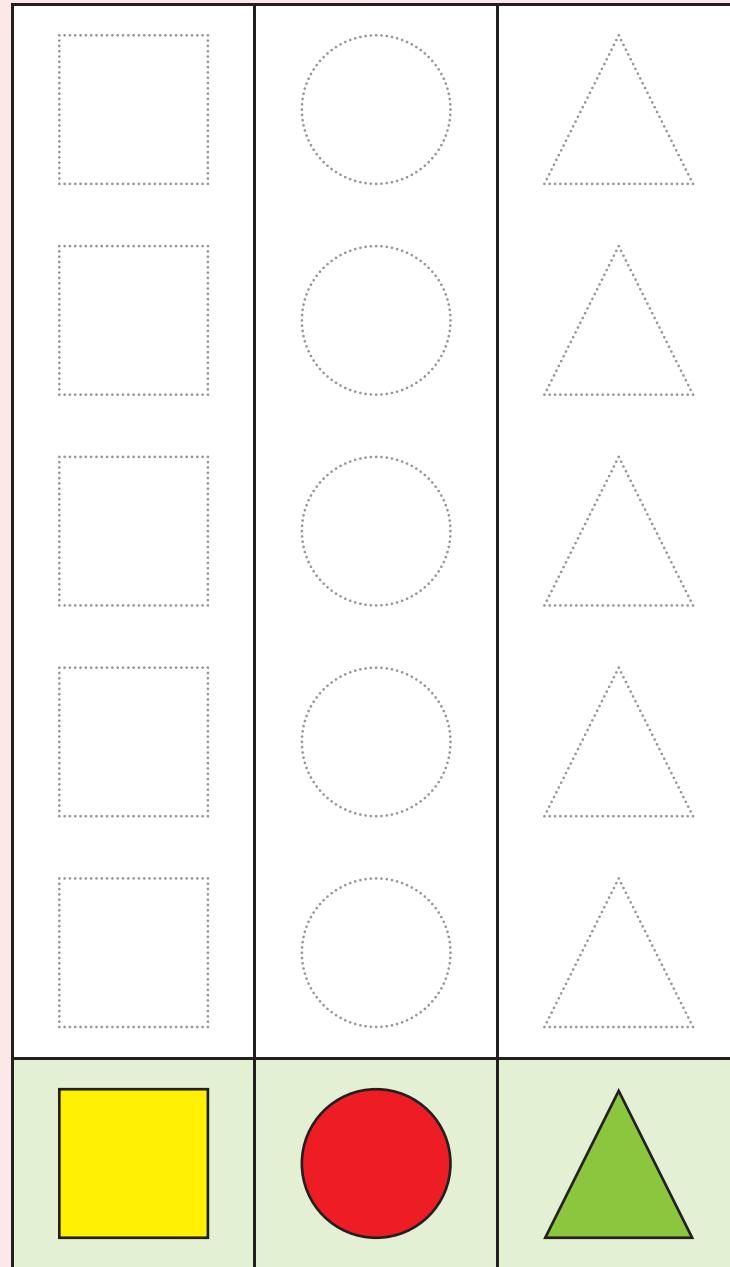
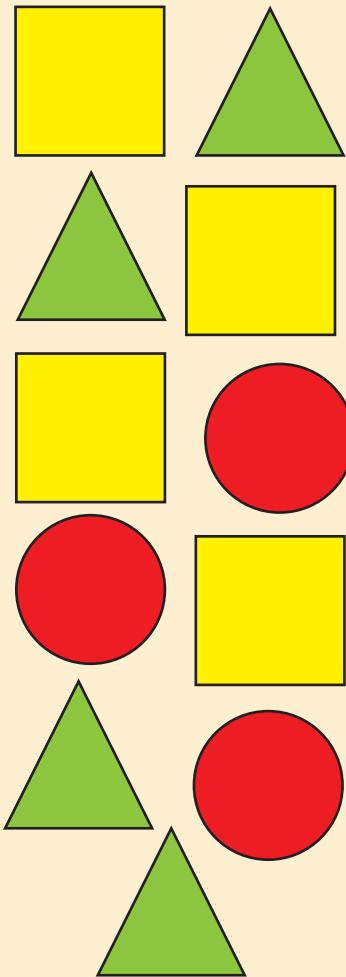


Hlawula hi ku endla xifaniso xa xin'wana na xin'wana.





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



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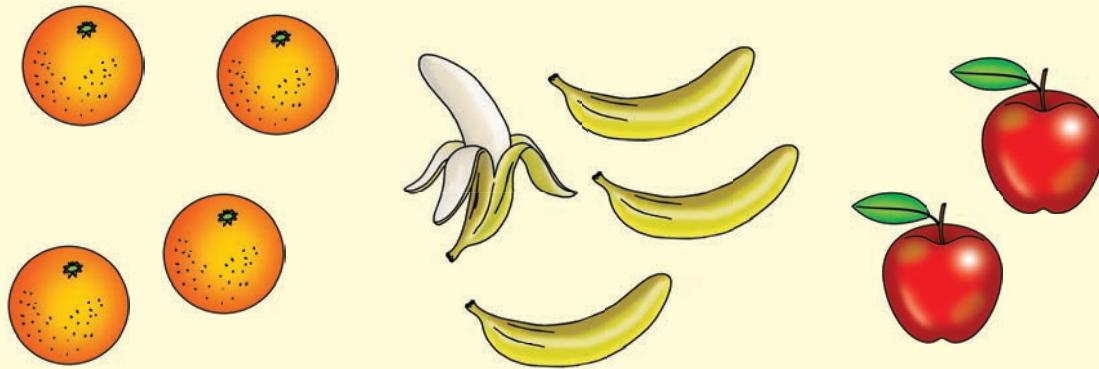
29

Kotara ya |



## A hi avelane hi ku ringana

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



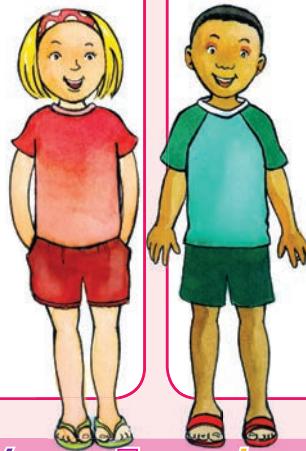
4

wa malamula

□ wa mabanana

□ wa maapula

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



62

1 2 3 4 5 6 7 8 9 10



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



4

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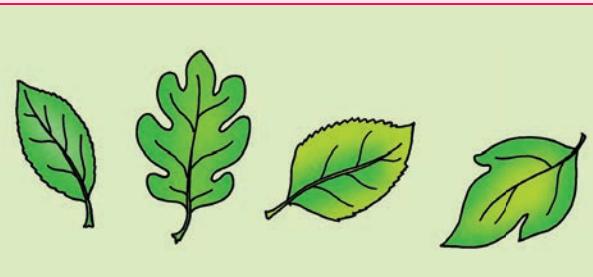
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Teacher:  
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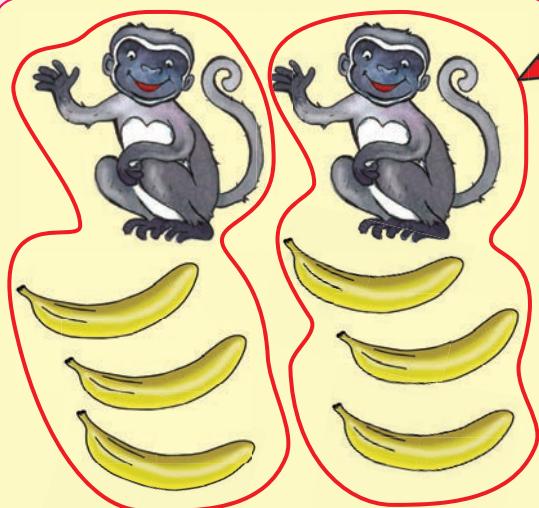
19

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## Ku avelana hi ku ringana

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

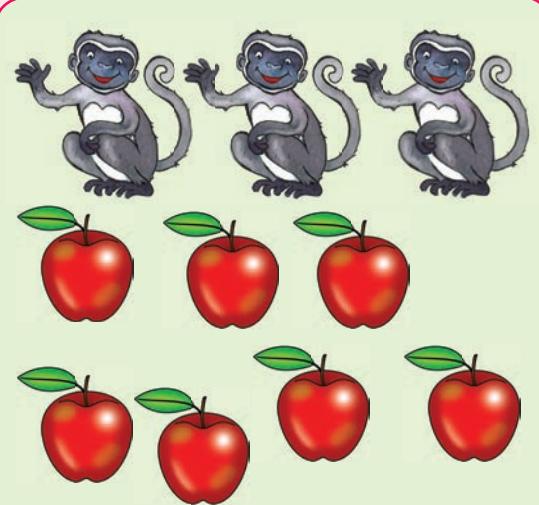


Xana mfenhe yin'wana  
na yin'wana yi kumile  
mabanana mangani?

3

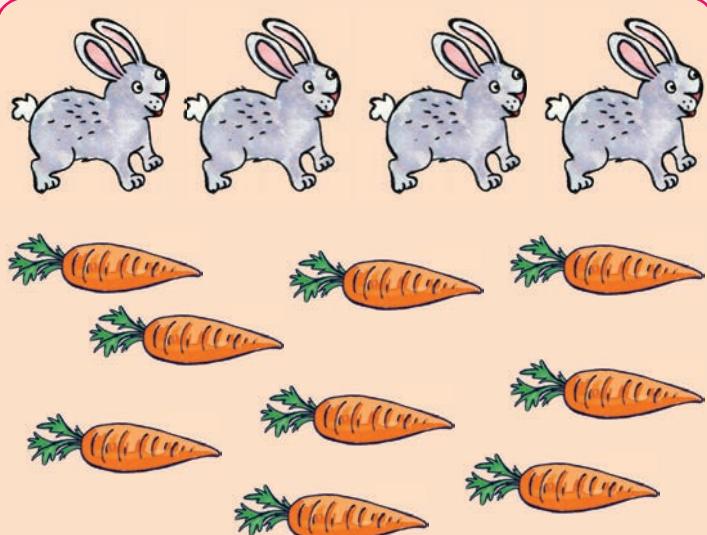


Xana mpfundla wun'wana na wun'wana  
wu kumile makheroti mangani?



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

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



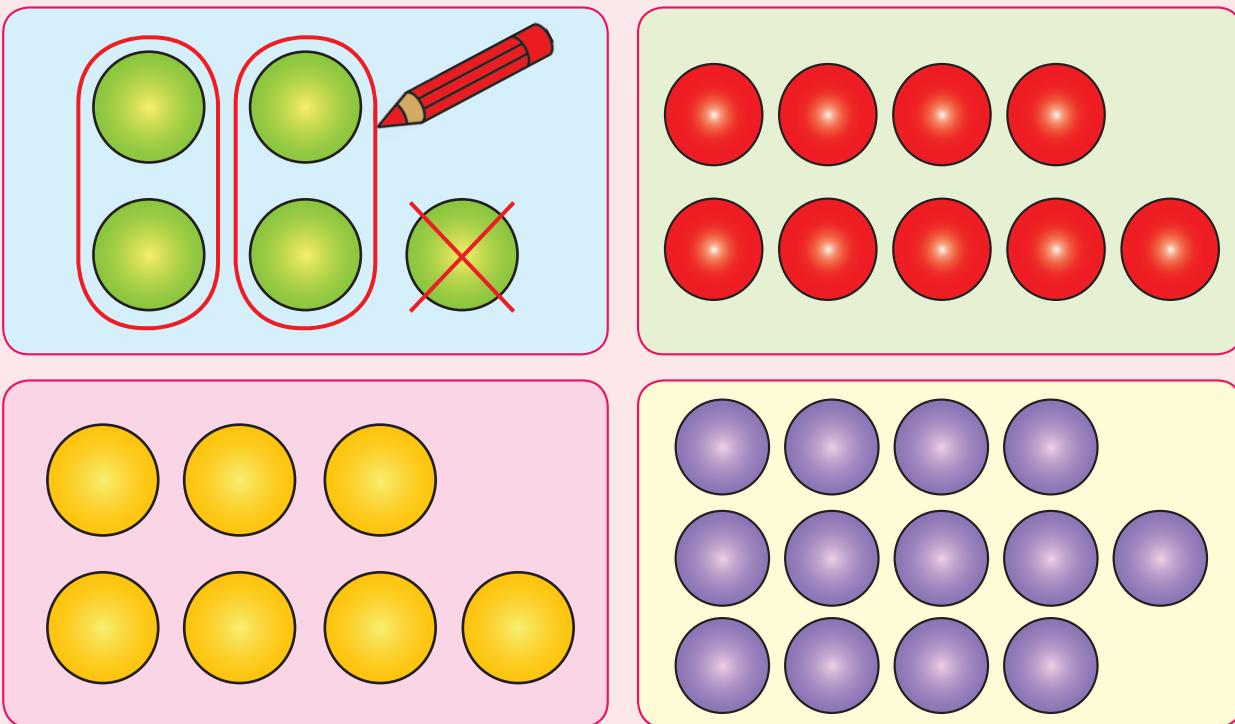
Xana mpfundla wun'wana na wun'wana  
wu kumile makheroti mangani?

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

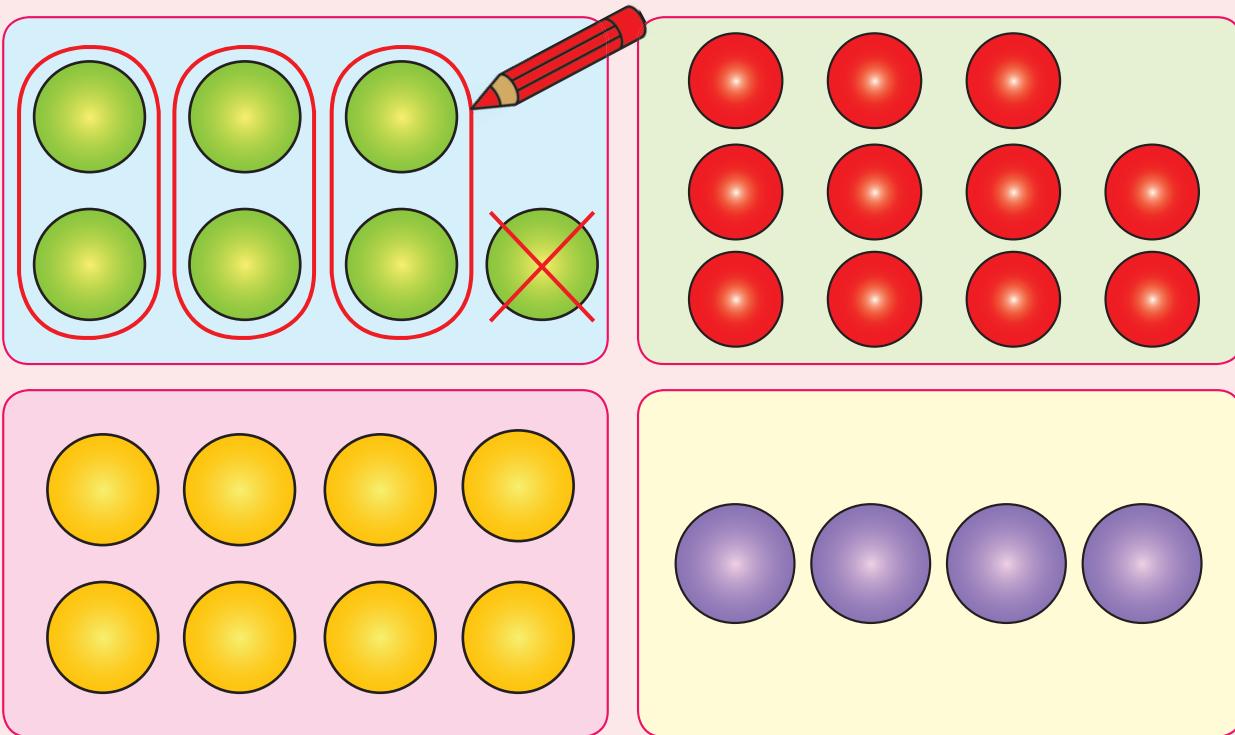




Endla mintlawa mimbirhi leyi ringanaka hi swihlayelo kutani u ba xihambano eka swihlayelo leswi saleke.



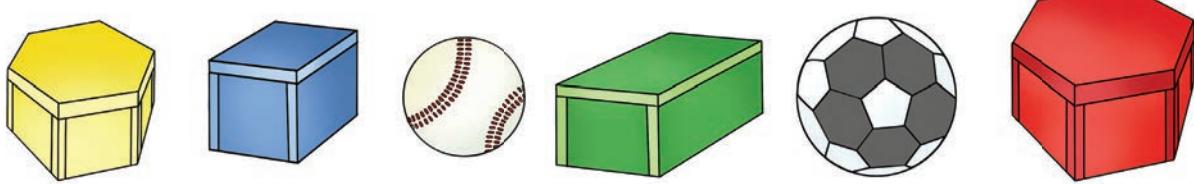
Veka swihlayelo eka 3 wa mintlawa leyi ringanaka kutani u ba xihambano eka swihlayelo leswi saleke.





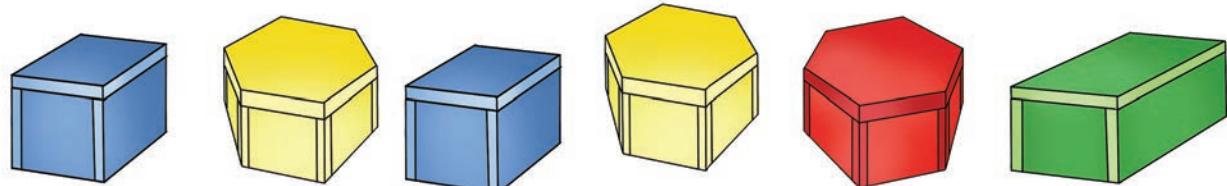
Xana u nga aka xihondzo hi swilo hinkwaswo leswi landzelaka?  
Fungha ina kumbe e-e.

## Ku aka swilo



Ina

E-e



Ina

E-e

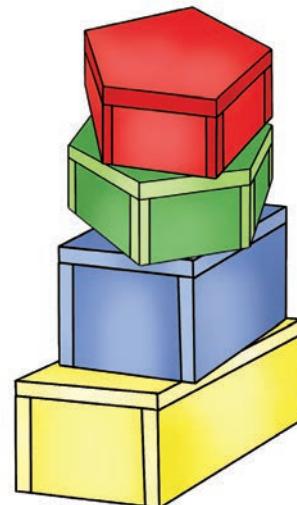
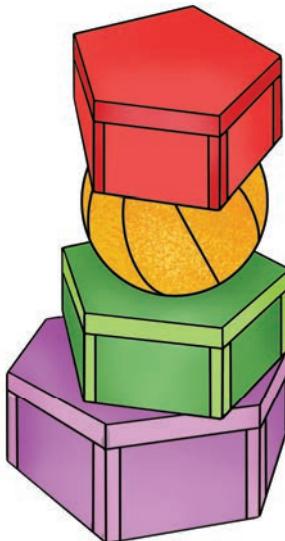
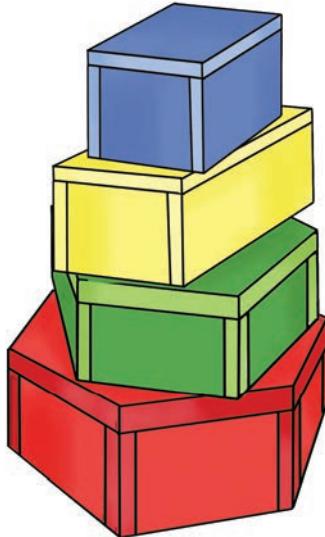


Ina

E-e



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



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



Teacher:  
Sign:

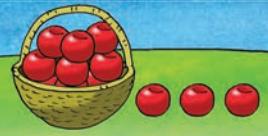
Date:





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

## Ku vula nkarhi



Sunguti



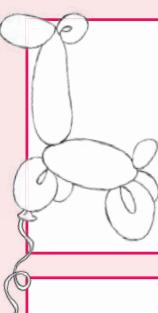
Nyenyenyanji



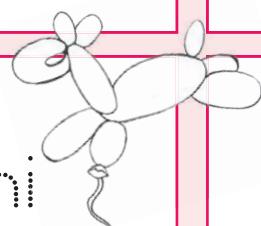
Nyenankulu



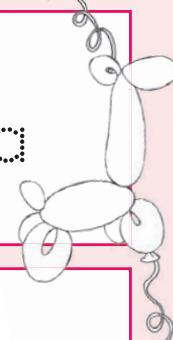
Dzivamisoko



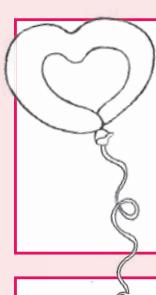
Mawuwani



Khotavuxika



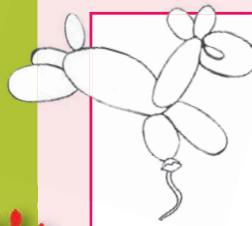
Mhawuri



Ndzati:



Nhlangula



Hukuri



N'wendzamhala



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

Musumbhunuku

Ravumbirhi

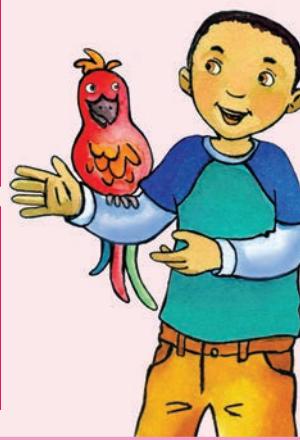
Ravunharhu

Ravumune

Ravunthhanu

Mugqivela

Sonto



Teacher:  
Sign:  
Date:



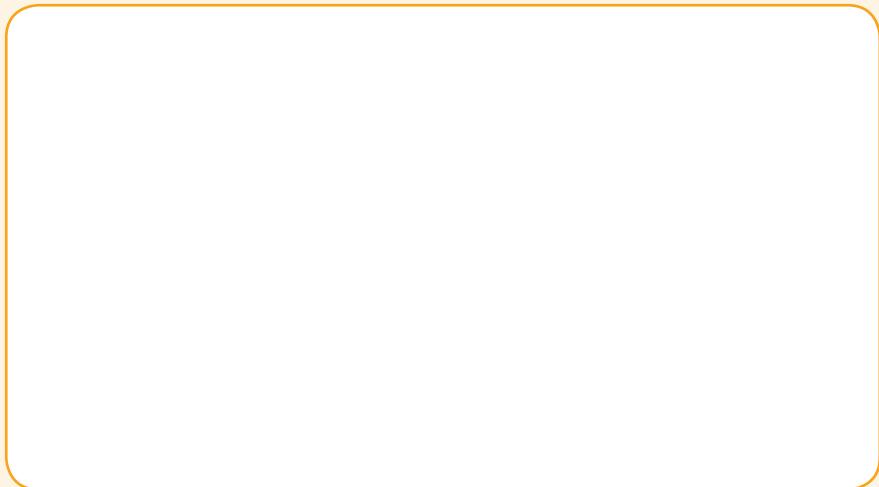
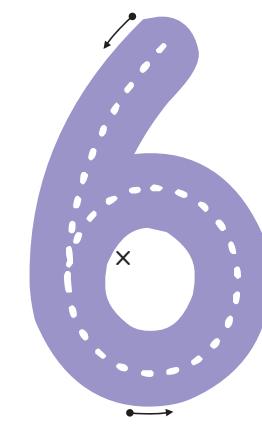
33

Kotara ya 2



Dirowa 6 wa swirhendzevutana endzeni ka buloko.

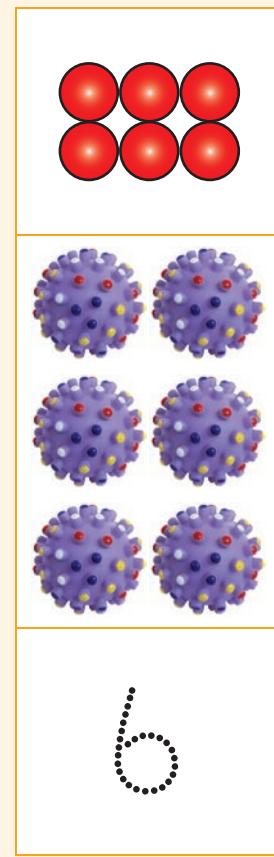
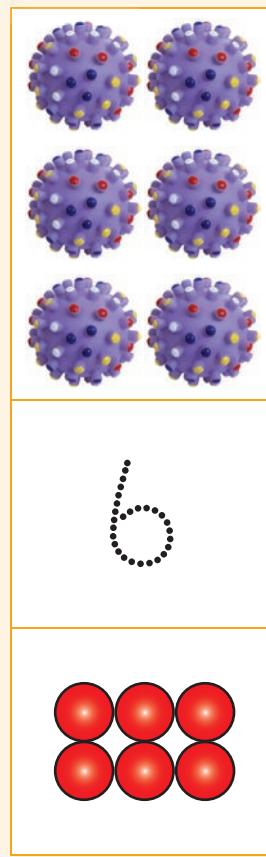
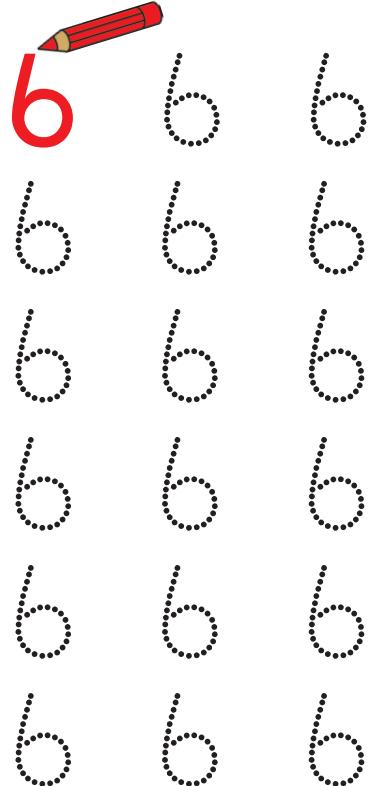
## Ntsevu



Landzelerisa nomboro.



Yelanisa swifaniso.



70

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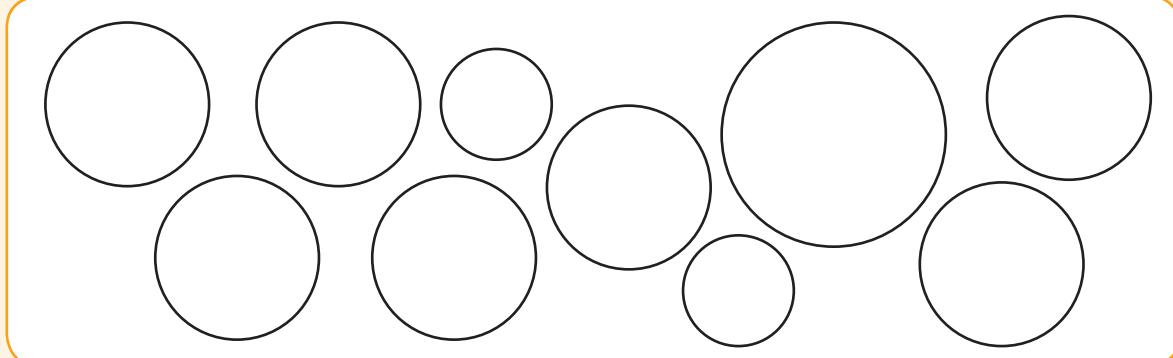
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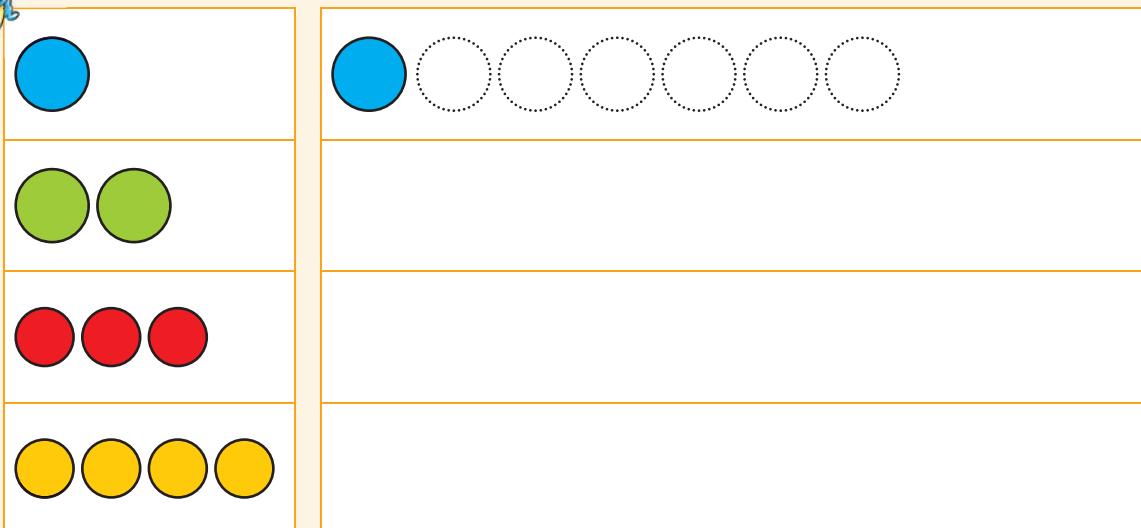
10



Khalara **6** wa swirhendzevutana.



Kopunula u tlhela u dirowa swin' wana swa **6**.



Titolovete ku tsala nomboro.



Khalara swirhendzevutana loko u ri karhi u hlayela.





Dirowa 7 wa swikwere endzeni ka buloko.

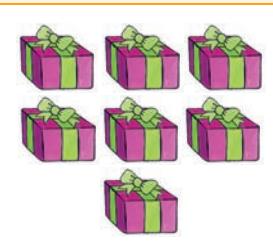
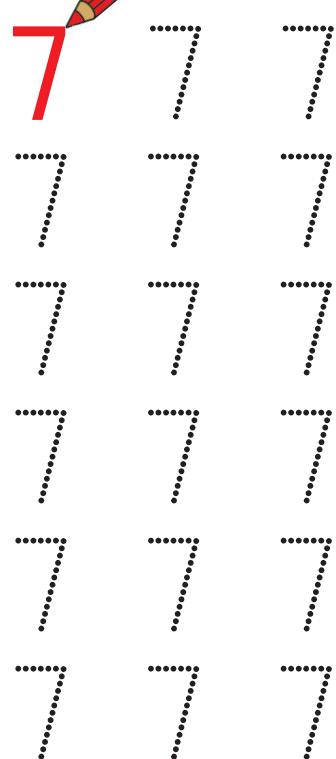
## Nkombo



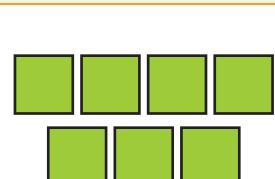
Landzelerisa nomboro.



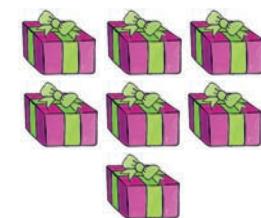
Yelanisa swifaniso.



nkombo

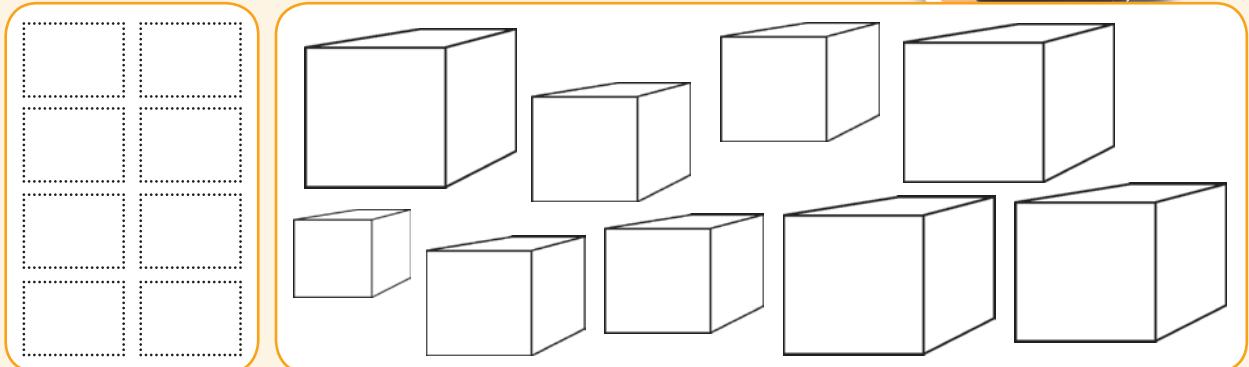


nkombo

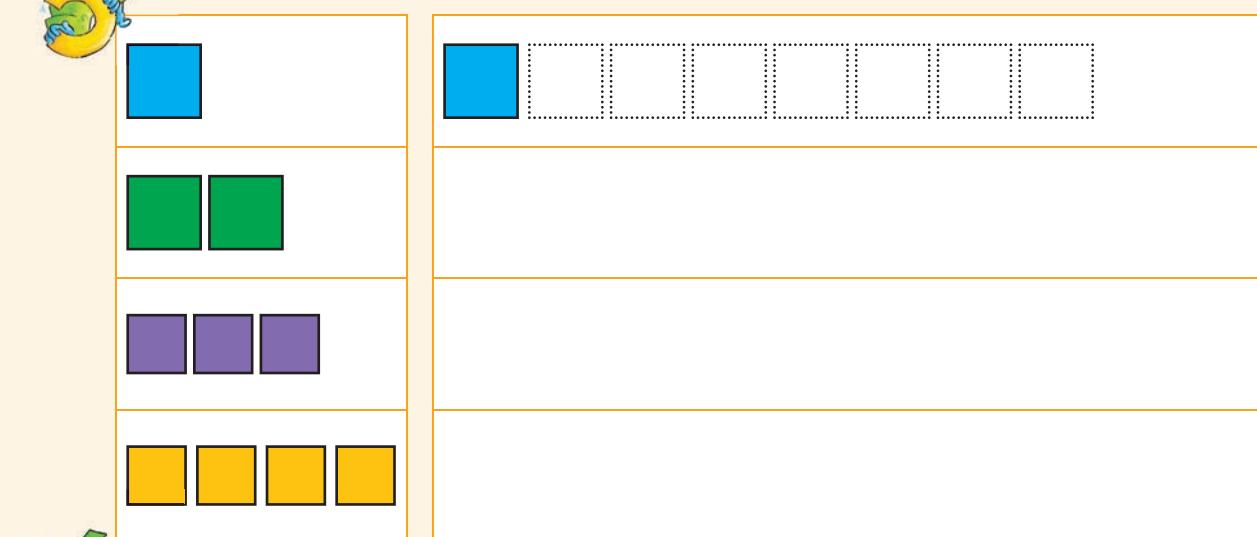




Khalara 7 wa tiyinhlamune na 7 wa tibuloko.



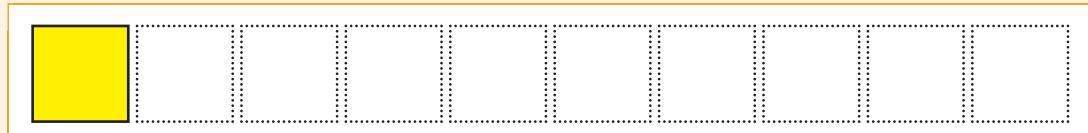
Kopunula u tlhela u dirowa swin' wana swa 7.



Titolovete ku tsala nomboro.



Khalara swikwere loko u ri karhi u hlayela.



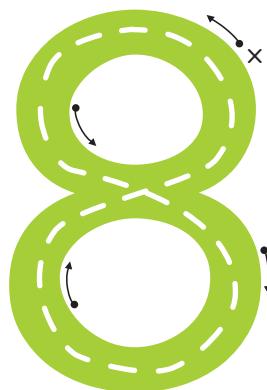
35

Kotara ya 2



Dirowa 8 wa swivumbeko endzeni ka buloko.

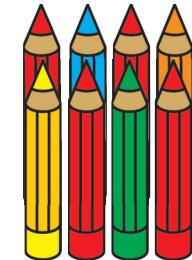
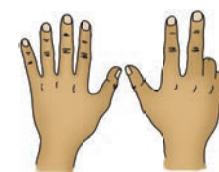
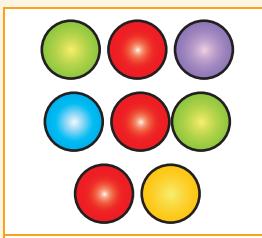
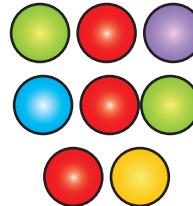
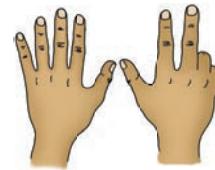
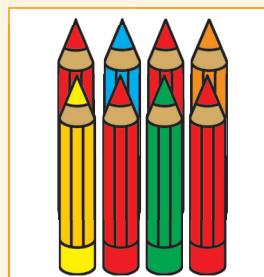
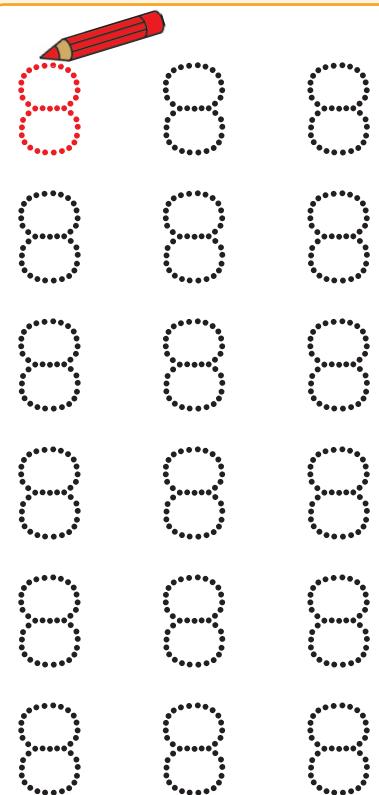
## Nhungu



Landzelerisa nomboro.



Yelanisa swifaniso.

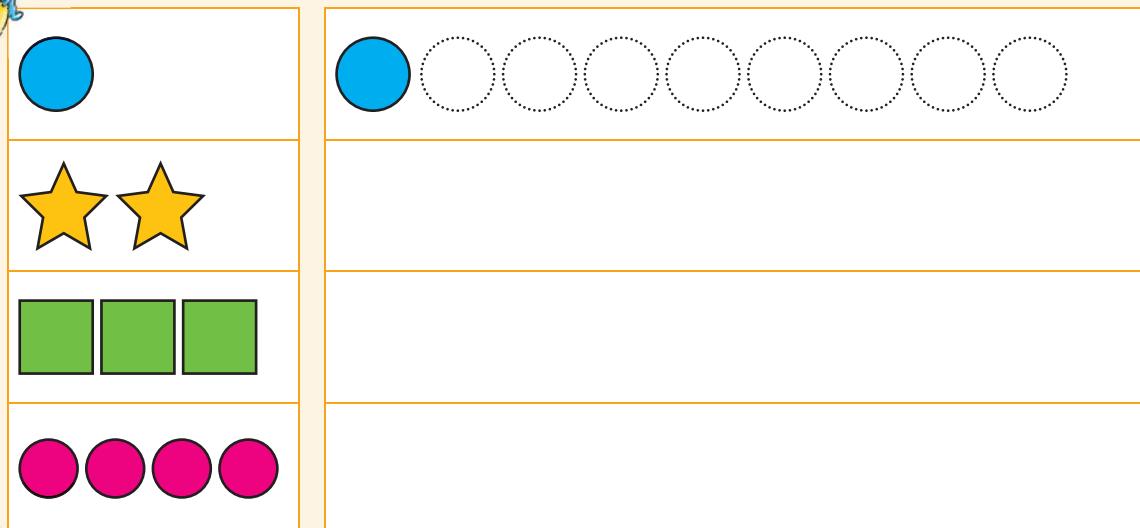




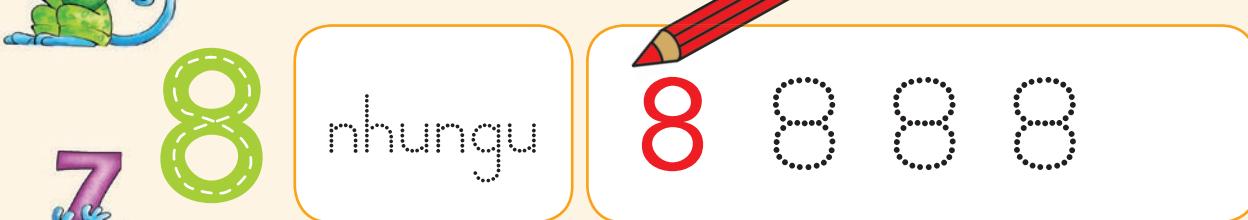
Khalara 8 wa tineleti.



Kopunula u tlhela u dirowa swin' wana swa 8.



Titolovete ku tsala nomboro.



Khalara swirhendzevutana loko u ri karhi u hlayela.



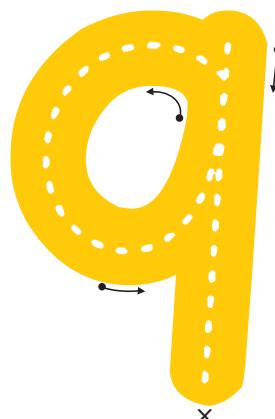
36

Kotara ya 2



Dirowa q wa timbilu endzeni ka buloko.

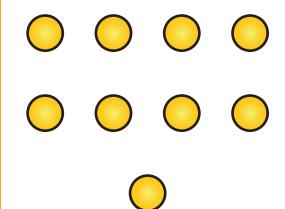
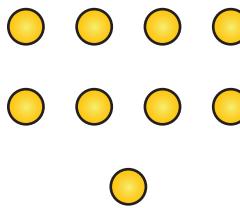
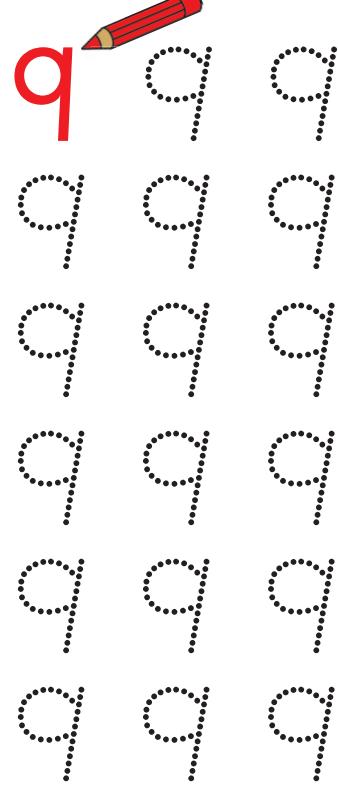
Kaye



Landzelerisa nomboro.



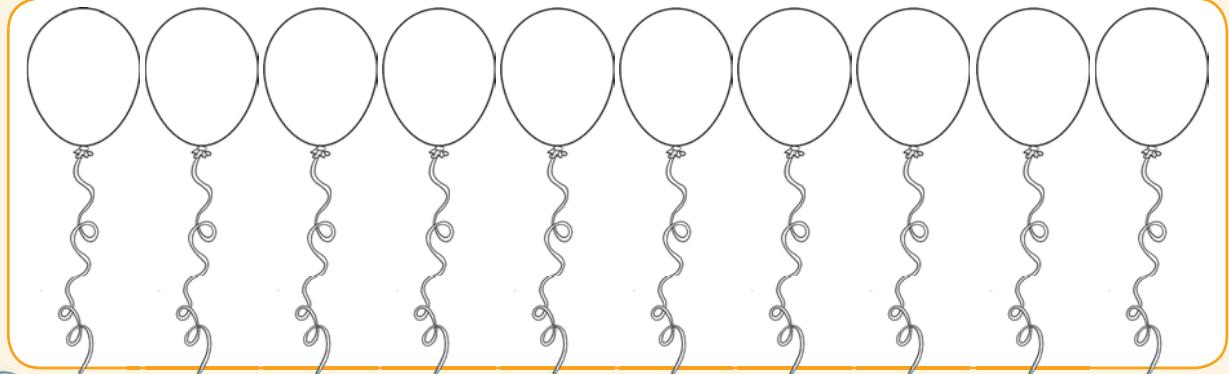
Yelanisa swifaniso.



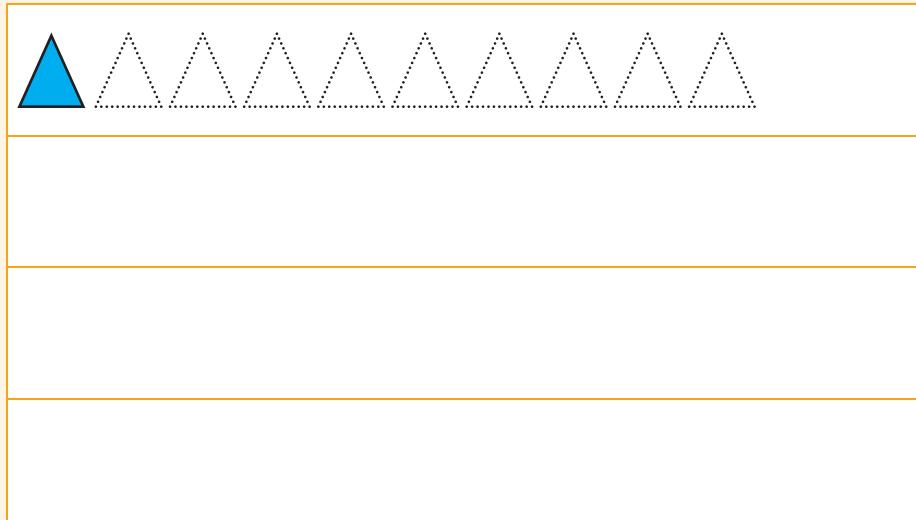
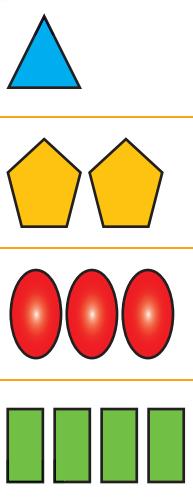
1 2 3 4 5 6 7 8 9 10



Khalara tibaluni ta kaye.



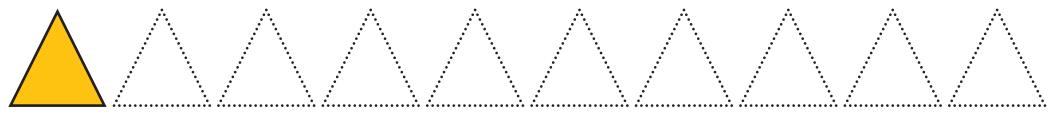
Kopunula u tlhela u dirowa swin' wana swa q.



Titolovete ku tsala nomboro.



Khalara tiyinhlanhharhu loko u ri karhi u hlayela.





## 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



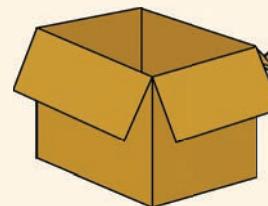
yi hava nchumu

yi tele



yi hava nchumu

yi tele



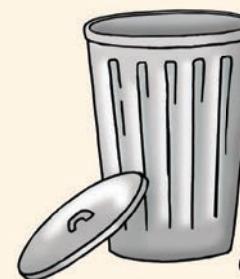
ri hava nchumu

ri tele



ri hava nchumu

ri tele



ri hava nchumu

ri tele



ri hava nchumu

ri tele



ri hava nchumu

ri tele

ku tala  
ku hava  
nchumu

ri hava nchumu

ri tele



ri hava nchumu

ri tele



ri hava nchumu

ri tele



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

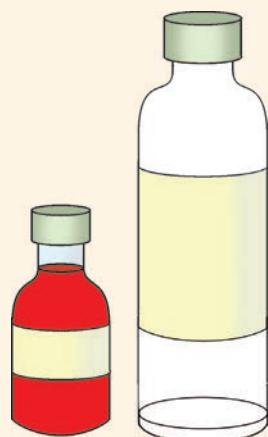
xi tele

xi hava  
nchumu



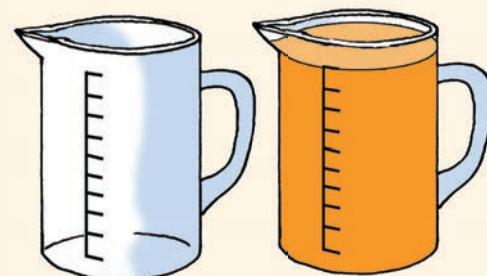
xi hava nchumu xi tele

xi hava nchumu xi tele



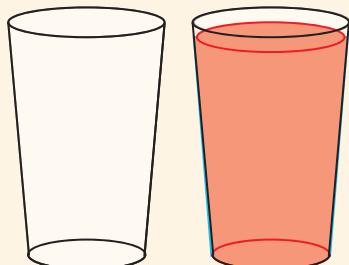
xi hava nchumu xi tele

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:

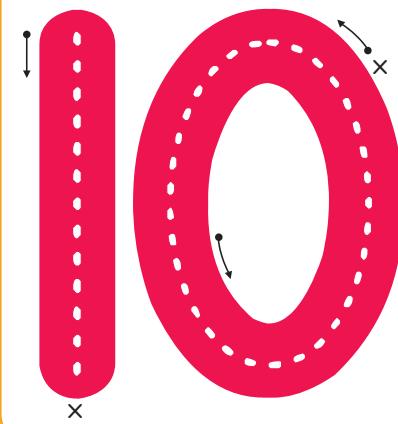
Sign:

Date:

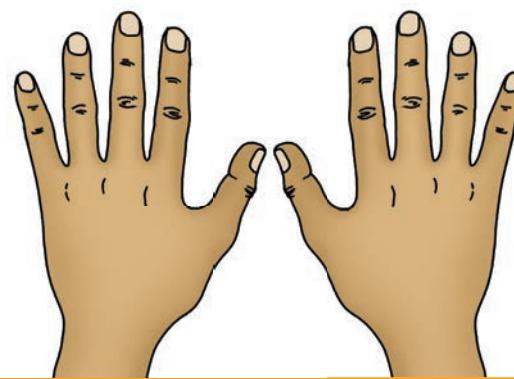


Hlayela tintiho eswandleni swa wena.

## Khume



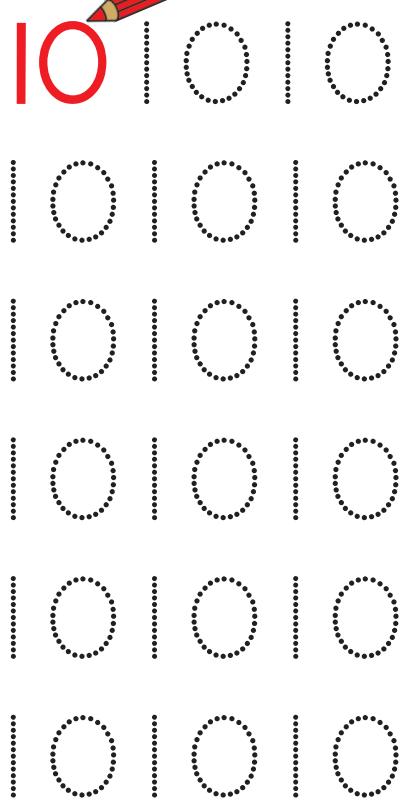
1 2 3 4 5 6 7 8 9 10



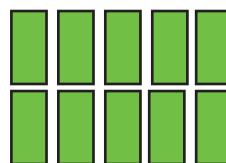
Landzelerisa nomboro.



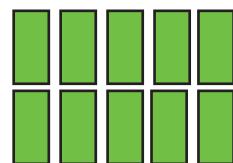
Yelanisa swifaniso.



10



10



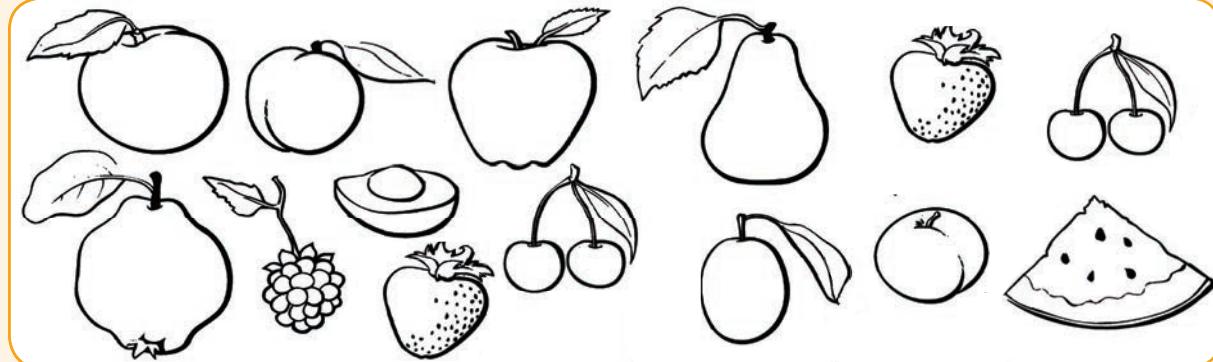
10

10

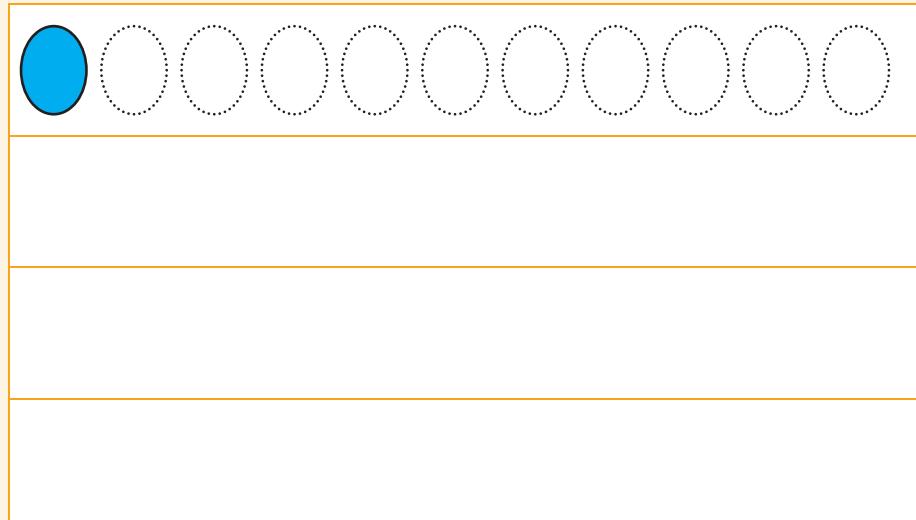




Khalara 10 wa mihandzu.



Kopunula u tlhela u dirowa swin' wana swa 10.



Titolovete ku tsala nomboro.



Khalara tiyinhlamune loko u ri karhi u hlayela.



11 12 13 14 15 16 17 18 19 20



Teacher:  
Sign:

Date:

3q

Kotara ya 2



## Tinomboro ta l ku fika eka 10

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

	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

b

b

b

b



7

nkombo

7



8

nhungu

8



q

kaye

9



10

khume

10

Teacher:

Sign:

Date:



11

12

13

14

15

16

17

18

19

20

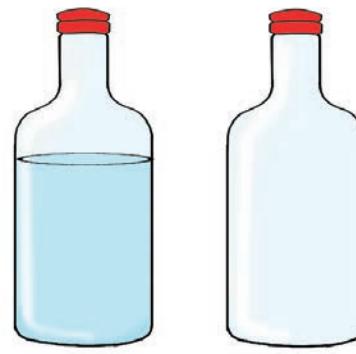
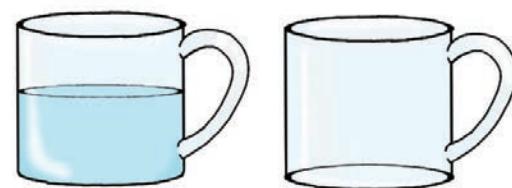
40

Kotara ya 2

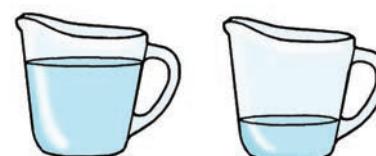
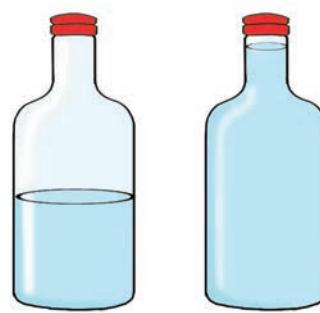


Dirowa mati yan' wana endzeni ka xibye lexi nga exineneni.

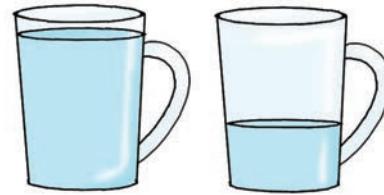
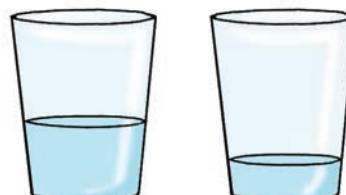
## Vundzeni



Fungha xibye lexi khomeke yo tala.

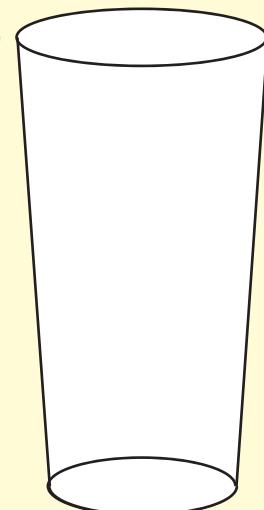
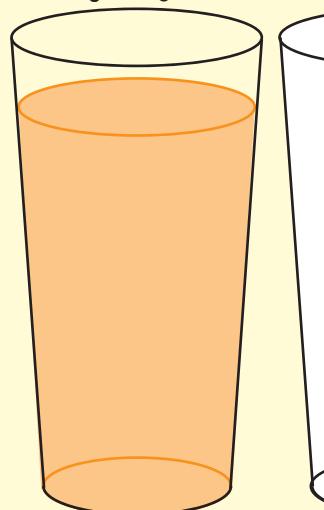


Fungha xibye lexi khomeke lamatsongo.

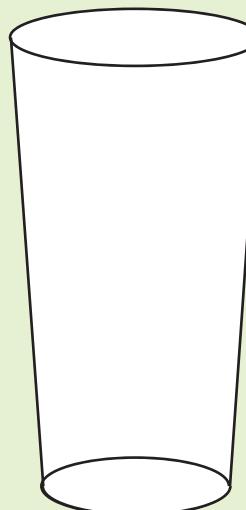
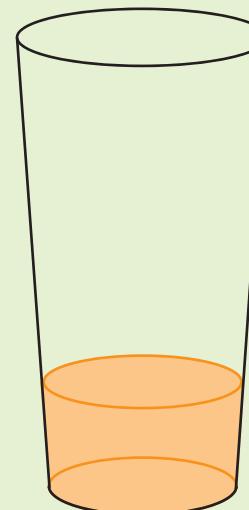




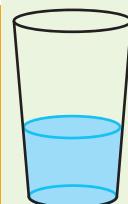
Khalara nghanzi ya vumbirhi leswaku yi va na juzi leyi nga ehansi ka ya nghanzi yo sungula.



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



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



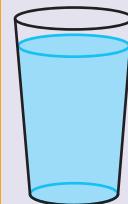
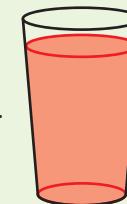
Nghanzi ya wasi yi

**tlula**

**le hansi  
ka**

**ringana  
na**

nghanzi yo tshwuka.



Nghanzi ya wasi yi

**tlula**

**le hansi  
ka**

**ringana  
na**

nghanzi yo tshwuka.



Nghanzi ya wasi yi

**tlula**

**le hansi  
ka**

**ringana  
na**

nghanzi yo tshwuka.



**tlula**

**le hansi ka**



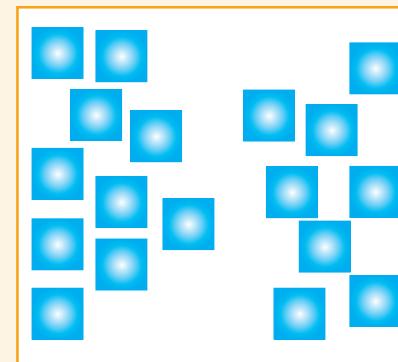
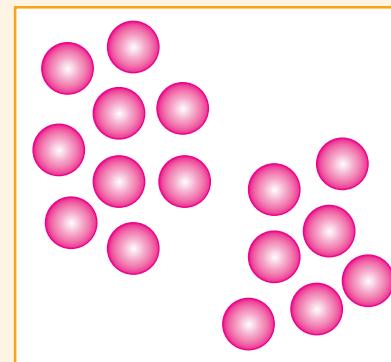
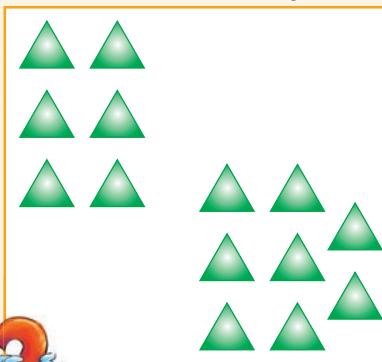
Teacher:  
Sign:

Date:

## Tinomboro ta l ku fika eka 10

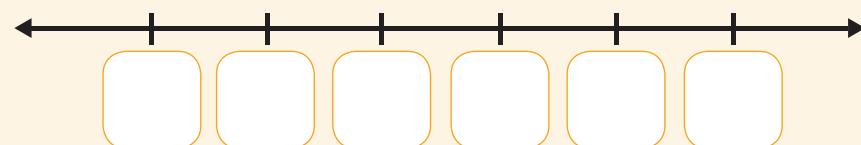


Eka buloko yin'wana na yin'wana, tsala xirhendzevutana eka ntawa lowu nga na swivumbeko leswitsongo.

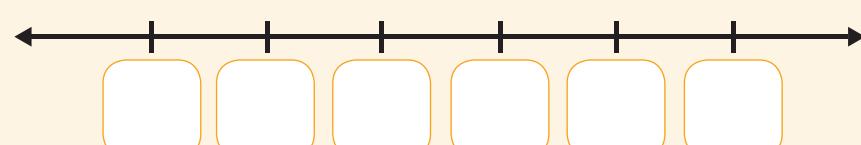


Tsala tinomboro ku suka eka leyitsongo swinene ku ya eka leyikulu swinene eka ndzhati wa mintsengo.

2	4	3
6	1	5



4	6	8
7	9	5



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

7	4	3
5	1	6

9	10	8
4	6	2



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

Engetela xin'we eka 5.

Hunguta xin'we eka 5.

Engetela swimbirhi eka 6.

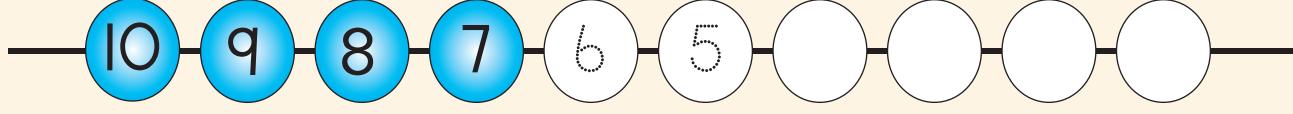
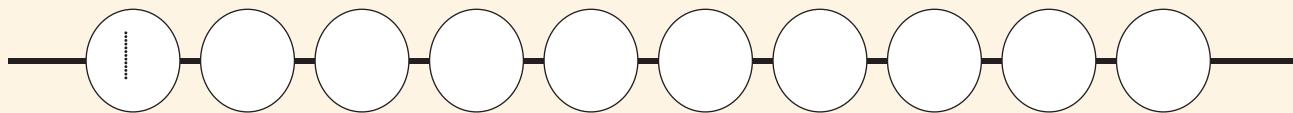
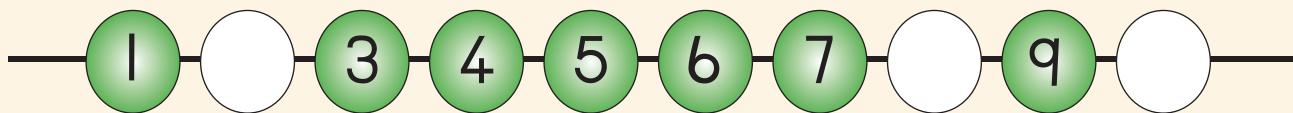
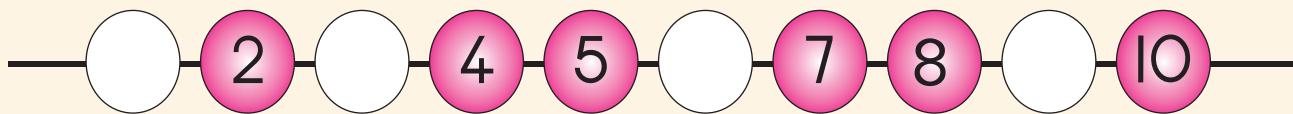
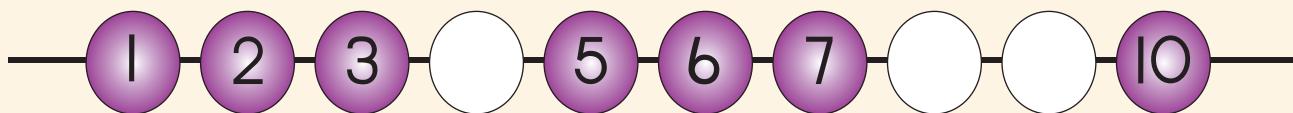
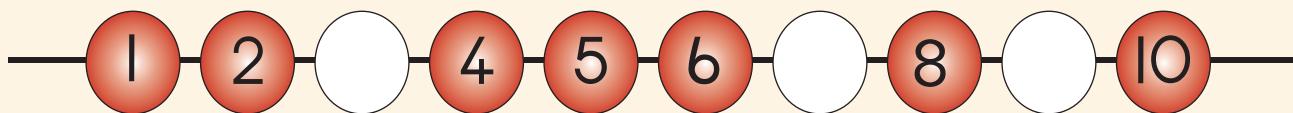
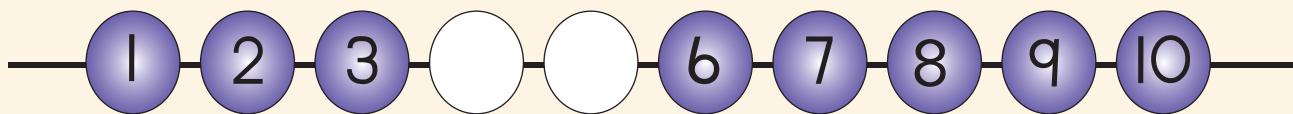
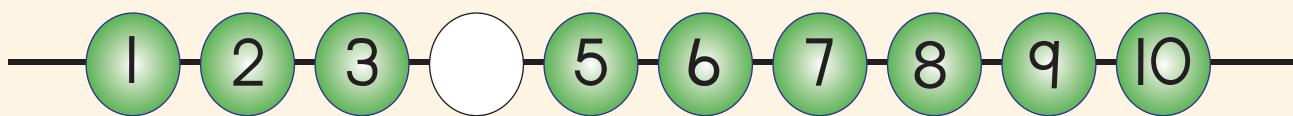
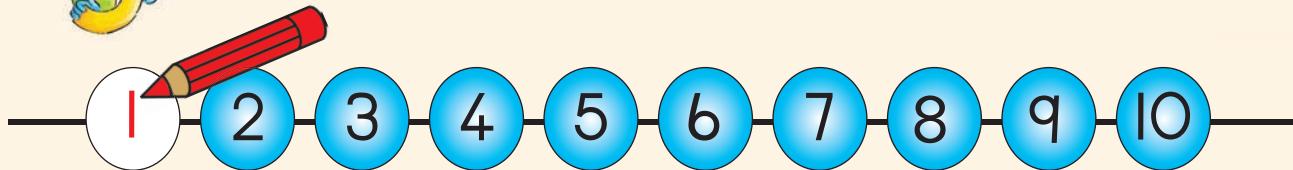
Hunguta swimbirhi eka 7.



# Ntila wa vuhlalu



Tsala tinomboro leti siyuweke.



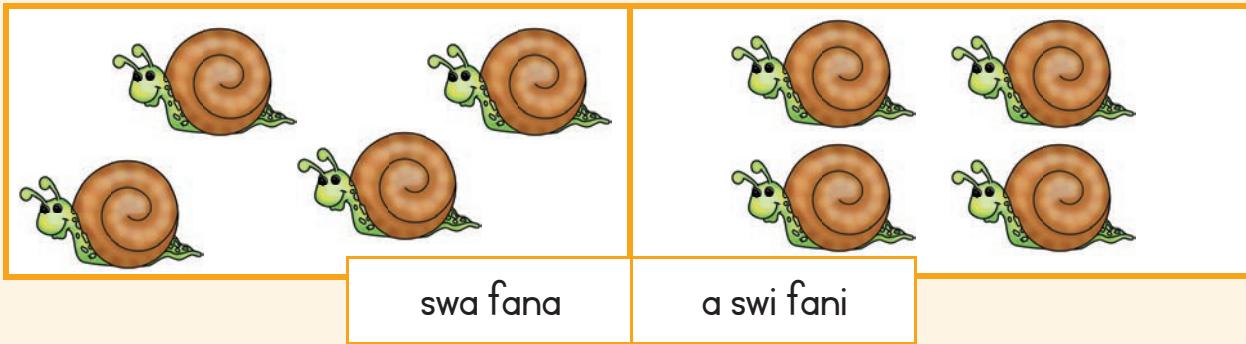
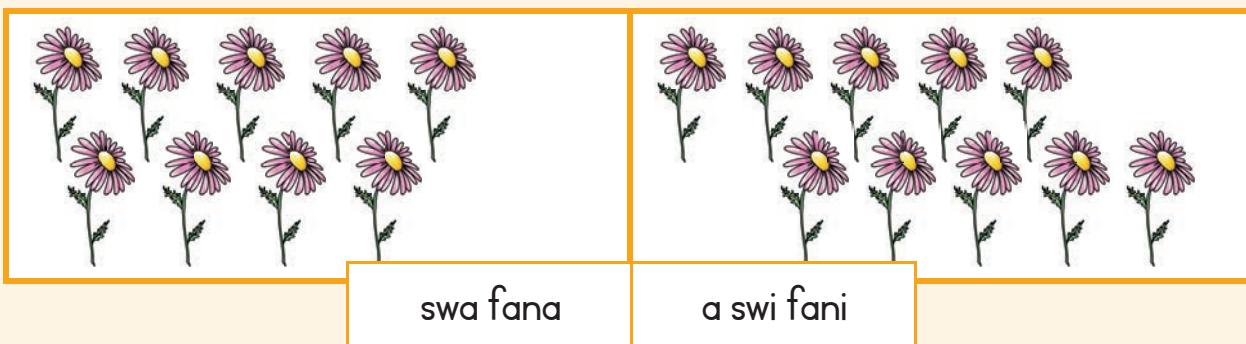
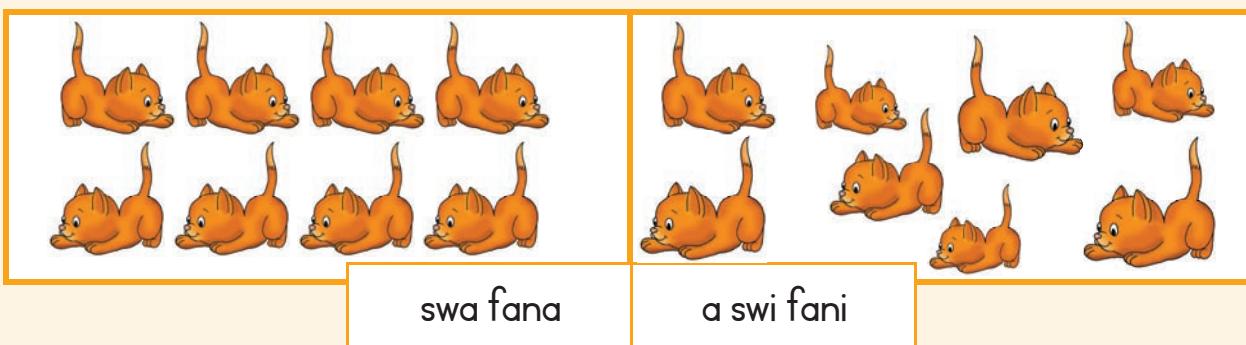
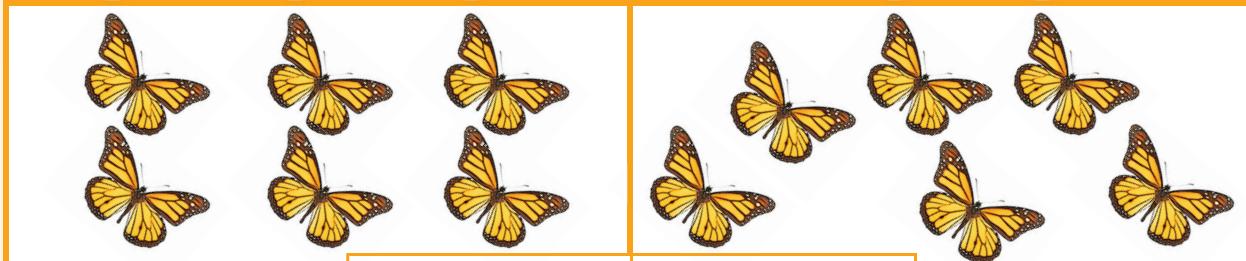
Teacher:  
Sign:  
Date:

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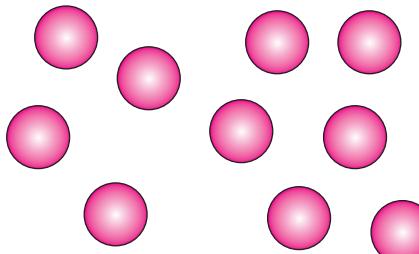
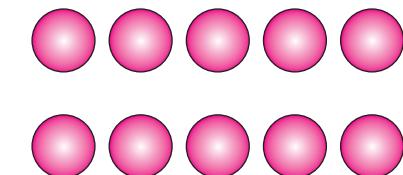
## Ku tala, ku ringana na hansi ka

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





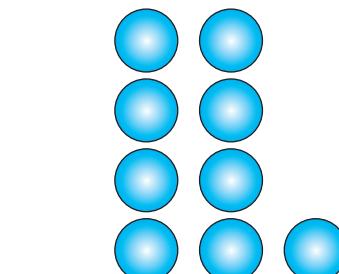
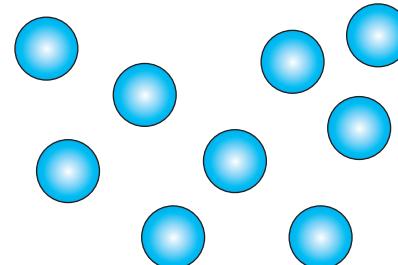
Vula loko buloko ya vumbirhi yi tlula, yi ri yitsongo eka kumbe yi ringana na buloko yo sungula. Khalara nhlamulo leyji faneleke.



tala

ringana

hansi ka



tala

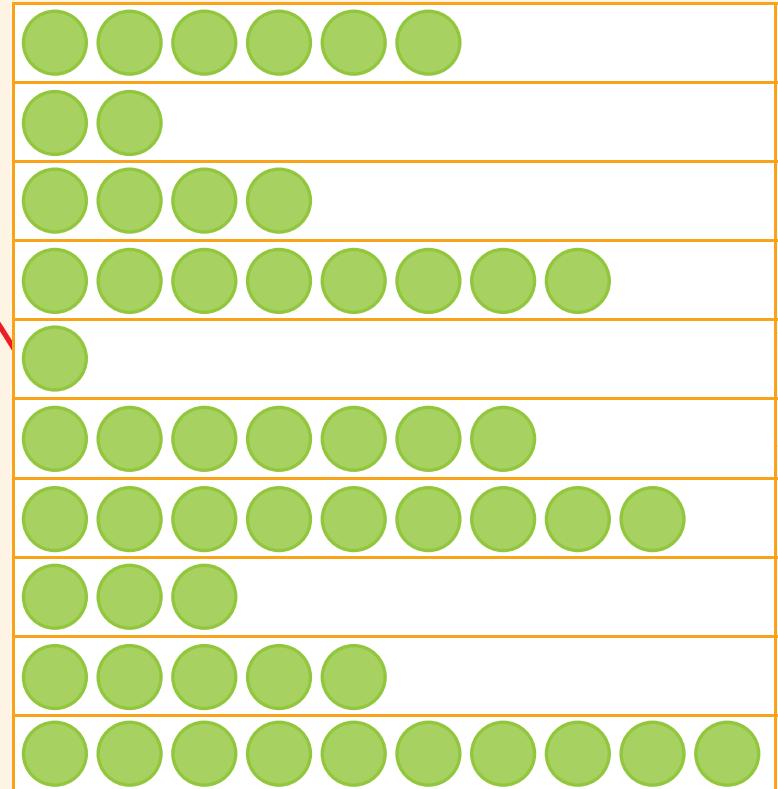
ringana

hansi ka



Yelanisa tinomboro na minchumu.

1
2
3
4
5
6
7
8
9
10



Teacher:  
Sign:  
Date:

43

Kotara ya 2



## Ku hlanganisa malekere

Hlanganisa malekere kutani u tsala tinhlamulo.

$$\begin{array}{c} \text{wrapping paper} \\ \text{wrapping paper} + \text{wrapping paper} = \text{wrapping paper} \end{array}$$

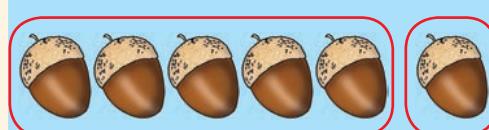
$$2 + 3 = 5$$

$$\begin{array}{c} \text{wrapping paper} \\ \text{wrapping paper} + \text{wrapping paper} = \text{wrapping paper} \end{array}$$

$$3 + 4 =$$



Hlanganisa tinomboro.



$$5 + 1 = 6$$



$$5 + 0 =$$



$$3 + 2 =$$



$$4 + 3 =$$



90

1 2 3 4 5 6 7 8 9 10



Ringeta leswi landzelaka.



$3 + 6 = \boxed{q}$

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

$4 + 0 = \boxed{4}$

$0 + 7 = \boxed{\phantom{00}}$

$0 + 5 = \boxed{5}$

$3 + 2 = \boxed{\phantom{00}}$

$6 + 0 = \boxed{\phantom{00}}$

$5 + 3 = \boxed{\phantom{00}}$

$2 + 2 = \boxed{\phantom{00}}$

$7 + 2 = \boxed{\phantom{00}}$

$1 + 3 = \boxed{\phantom{00}}$

$4 + 4 = \boxed{\phantom{00}}$

$2 + 5 = \boxed{\phantom{00}}$

$5 + 1 = \boxed{\phantom{00}}$

$5 + 0 = \boxed{\phantom{00}}$

$4 + 3 = \boxed{\phantom{00}}$

$1 + 8 = \boxed{\phantom{00}}$

$2 + 6 = \boxed{\phantom{00}}$

$4 + 2 = \boxed{\phantom{00}}$

$8 + 2 = \boxed{\phantom{00}}$



Teacher:  
Sign:  
Date:



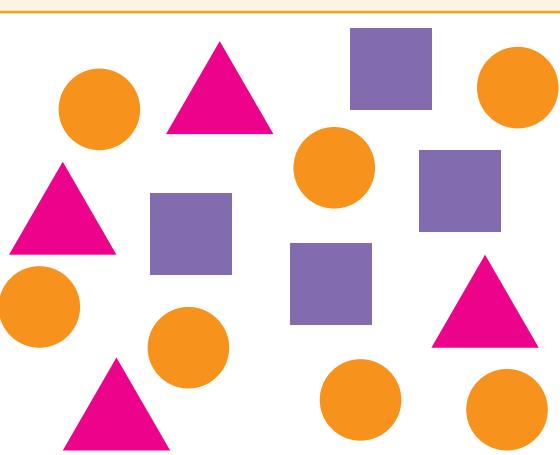
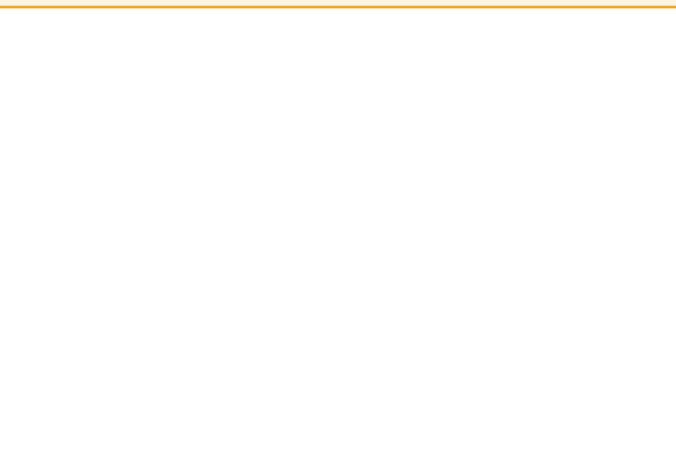
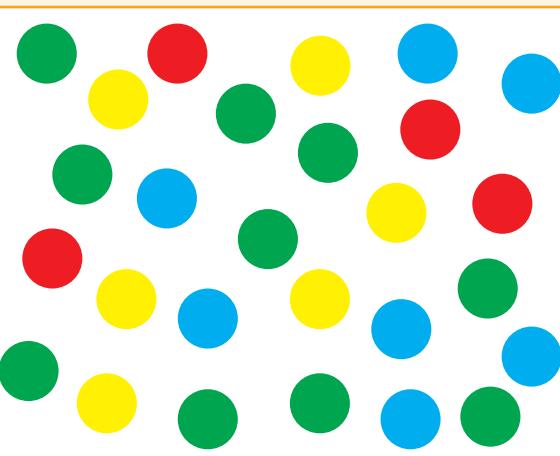
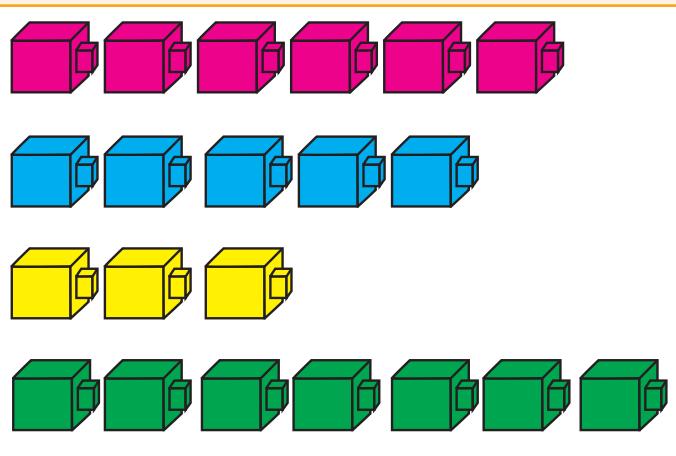
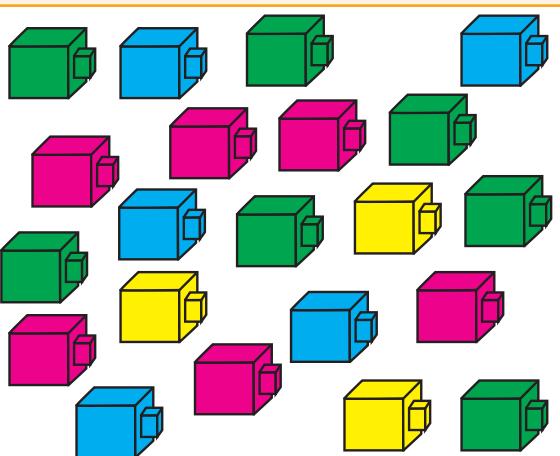
44

Kotara ya 2



## 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:

45

Kotara ya 2

## 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
---	---	---

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

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
---	---	---	---

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

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



A hi hlayeleni:

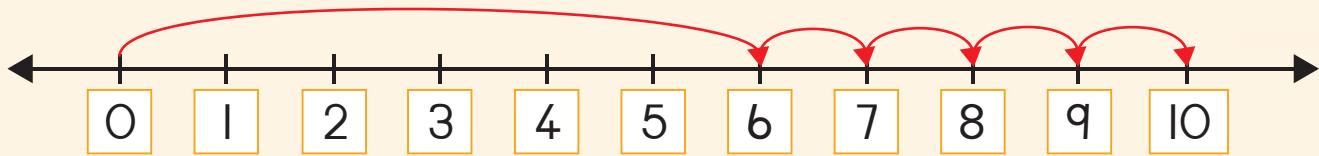
6	5	4	<input type="text"/>	<input type="text"/>
---	---	---	----------------------	----------------------

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

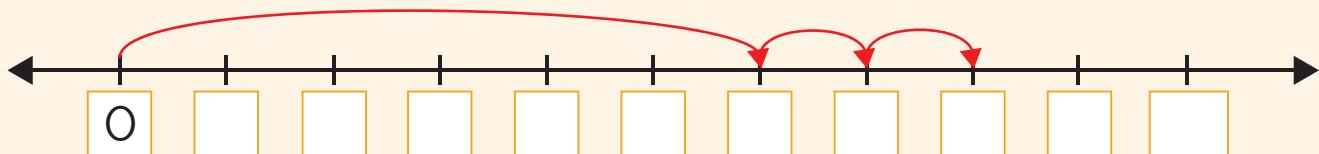




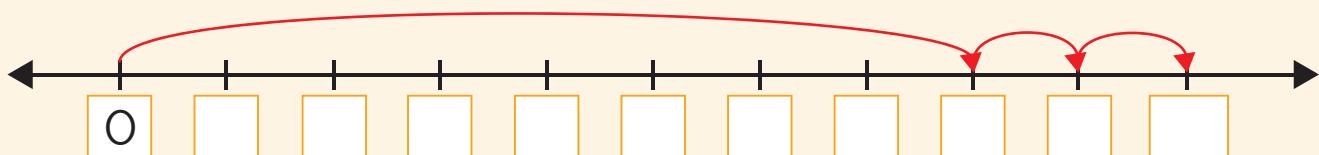
Tsala tinomboro eka ndzhati wa mintsengo kutani u tsala xivulwa xa tinomboro eka yin'wana na yin'wana.



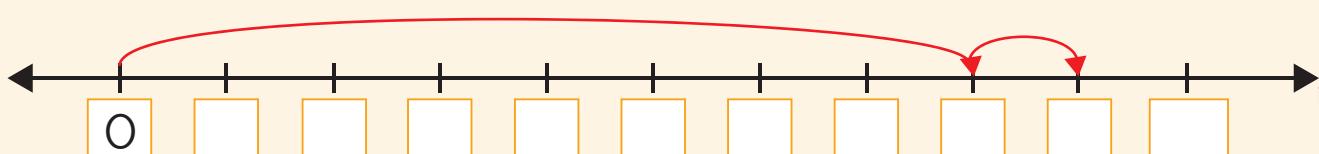
$$\boxed{6} + \boxed{4} = \boxed{\quad}$$



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



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



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



Teacher:  
Sign:  
Date:

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

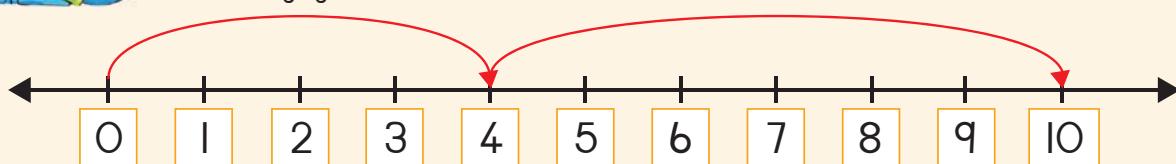


Khalara ku kombisa leswi landzelaka.

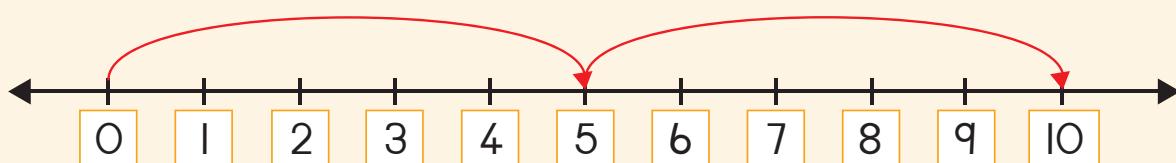
$1 + 9$	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>						
$2 + 8$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$3 +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



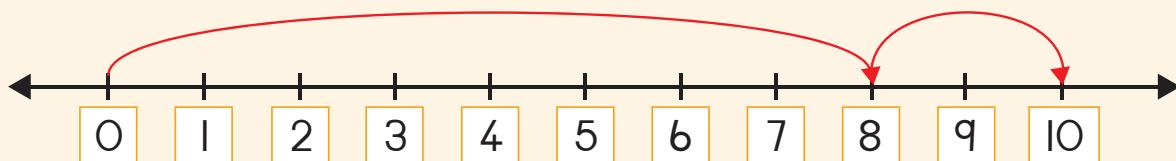
Tsala nhlayo ya:



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

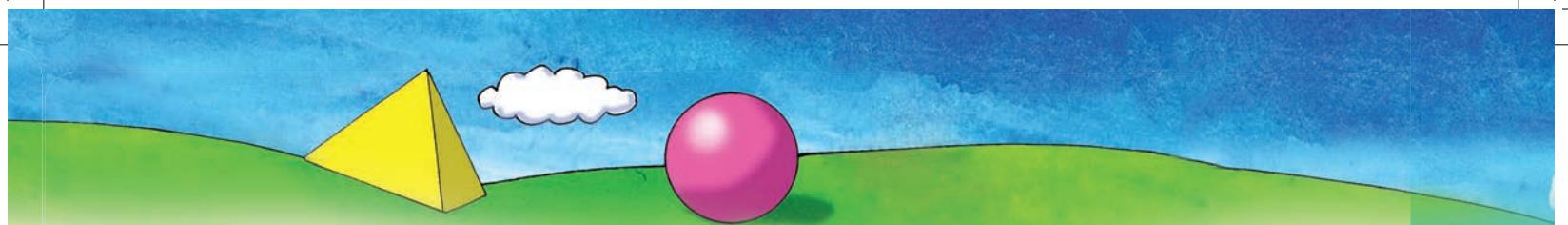


$$\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



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

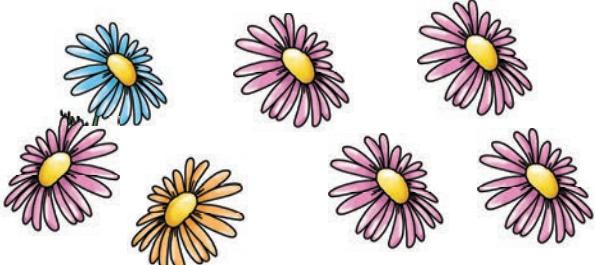




Tirhisa nhlayo ya swiluva ku endla xivulwa xa wena xa tinomboro.



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



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



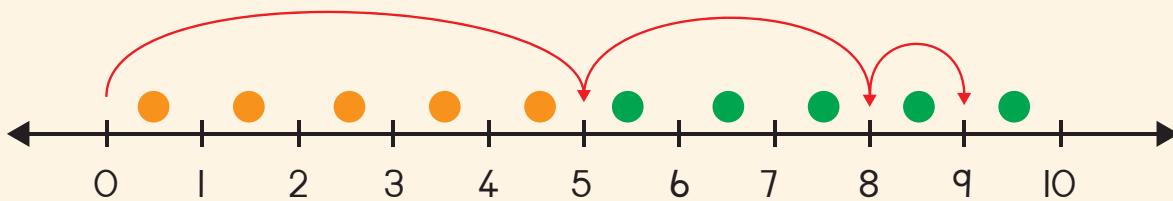
$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



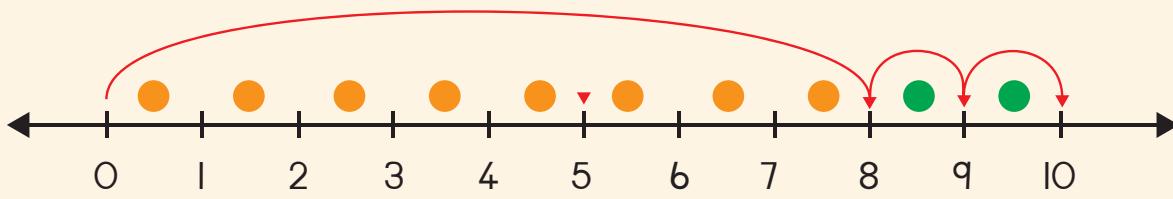
$$\boxed{\quad} + \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



Tsala nhlayo ya:



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



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



Teacher:  
Sign:  
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?

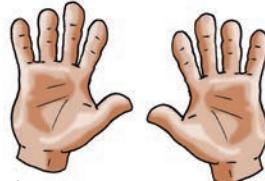



Hi ri 4 kambirhi i 8.  
Xana hafu ya 8 yi ta va yini?

Xana u vona tintiho tingani?



Sweswi u vona tintiho tingani?

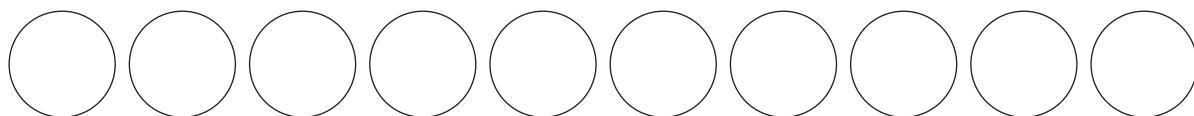


Hi ri 2 kambirhi i 4.  
Xana hafu ya 4 yi ta va yini?



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.



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



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



Teacher:  
Sign:

Date:



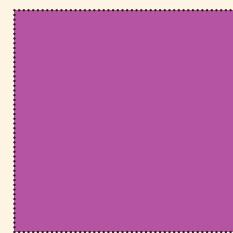
48a

Kotara ya 2



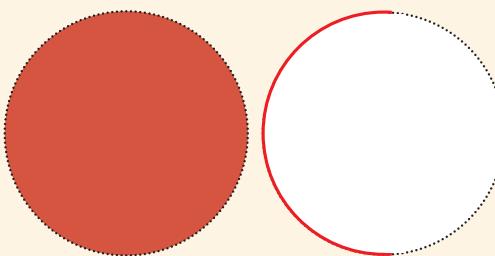
Hetisa swifaniso leswi.

xikwere

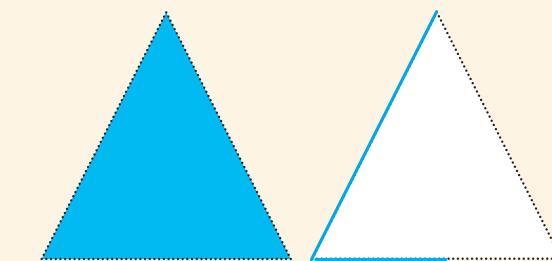


Swivumbeko

xirhendzevutana



yinhlanharchu



yinhlamune



Tirhisa swivumbeko swa mune leswi nga laha henhla ku dirowa xifaniso.

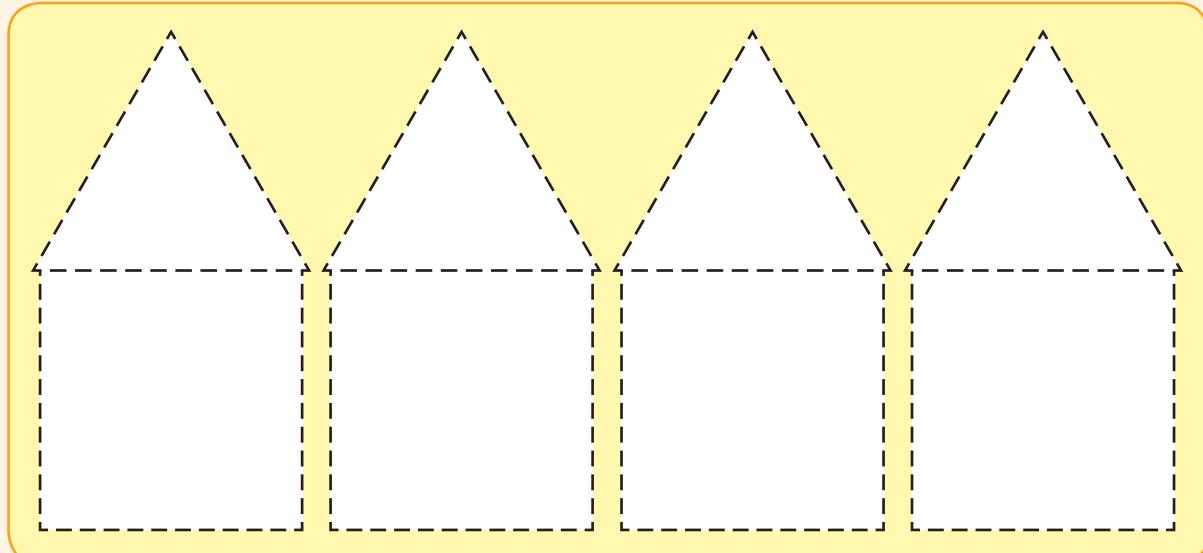
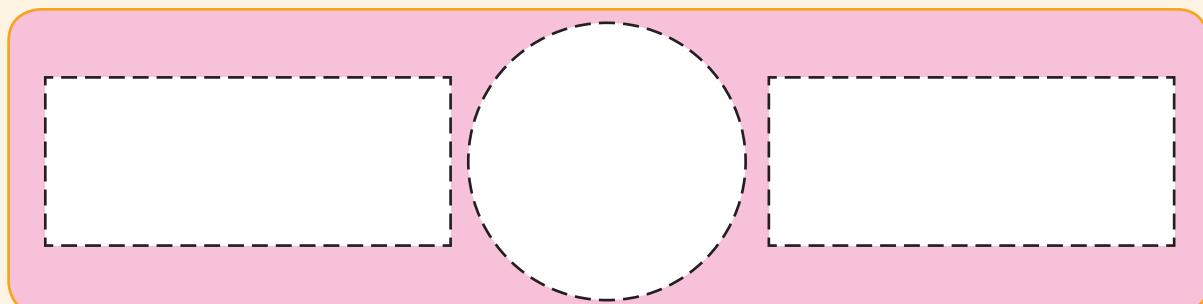
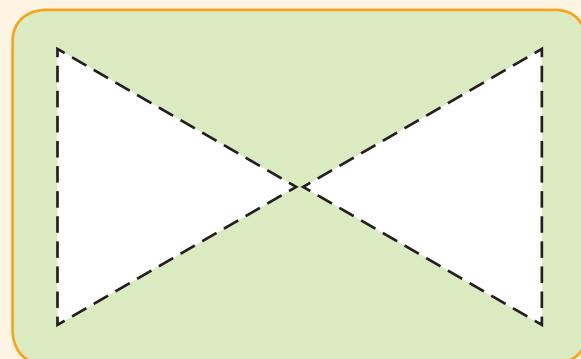
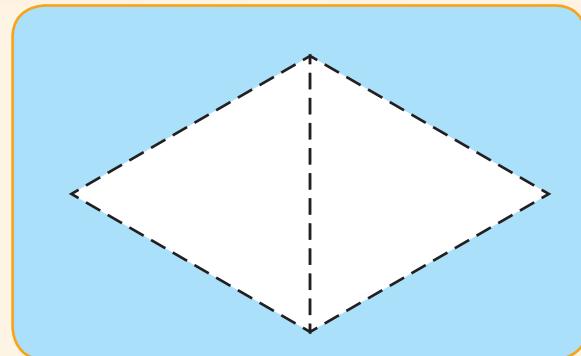
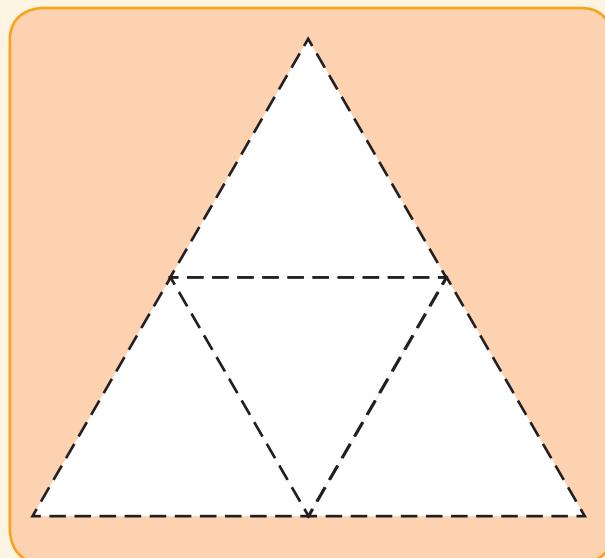
U nga tirhisa swivumbeko ko tala.



100 | 1 2 3 4 5 6 7 8 9 10



Tirhisa swivumbeko leswi  
tsemiweke ku vumba  
swivumbeko leswi landzelaka.



Teacher:  
Sign:  
Date:



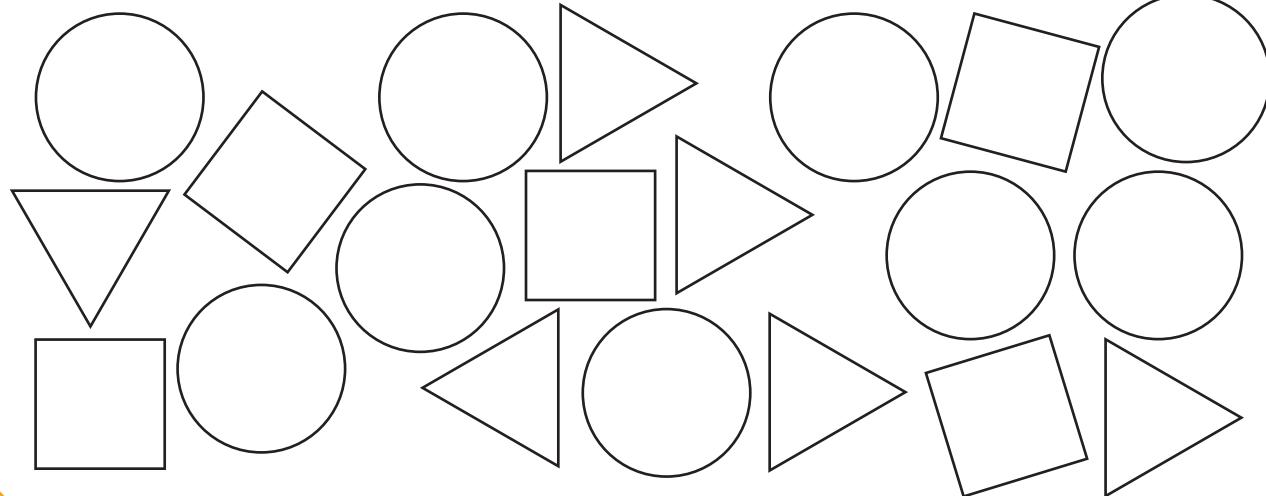
48b

Kotara ya 2



## Swivumbeko swin'wana swa 2 wa matlhelō

Hlawula swivumbeko u tlhela u dirowa swihlawuriwa swa wena.



Yinhlanharhu

Xirhendzevutana

Xikwere

Ku na tiyinhlanharhu tingani?

Ku na swirhendzevutana swingani?

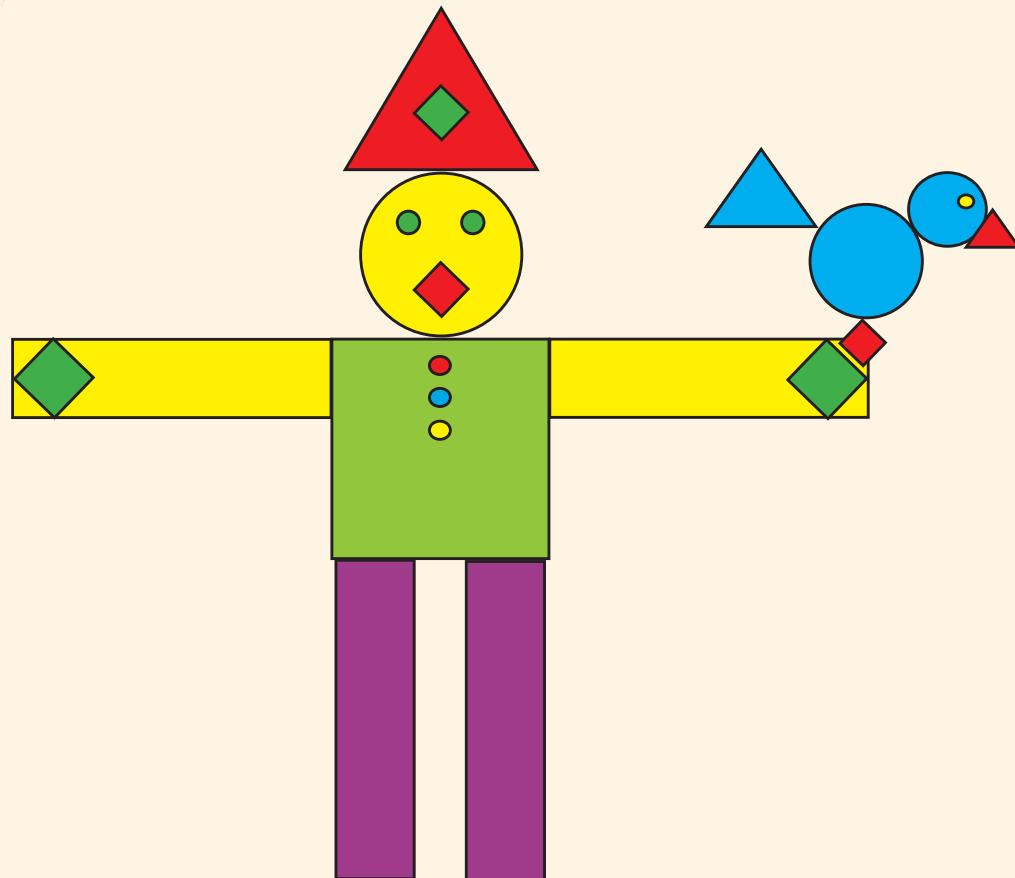
Ku na swikwere swingani?



# Lava swivumbeko



Lava swivumbeko swo hambana kutani u swi hlayela.



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



Teacher:  
Sign:  
Date:



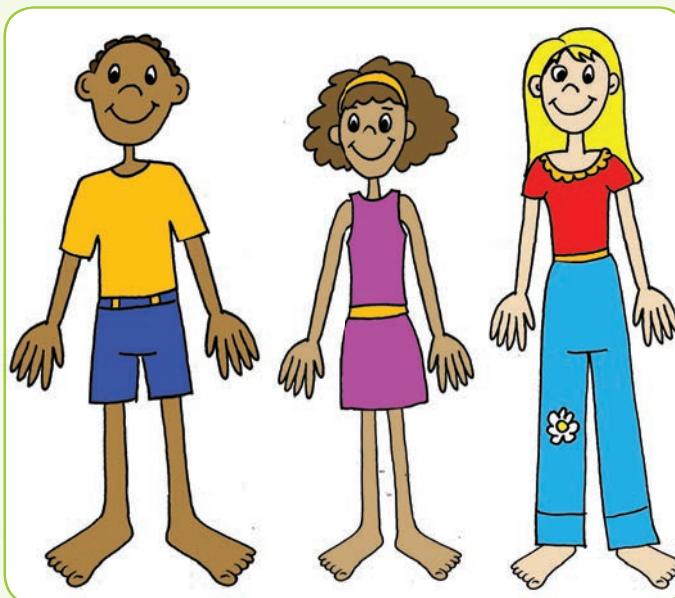
4q

Kotara ya 2



## Mintlawa ya mbirhi ku fika eka 10

Hlamula swivutiso:



Xana u vona vana vangani?

Xana u vona tiphere tingani ta mikondzo?

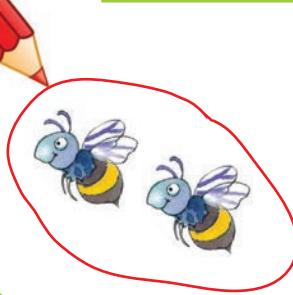
Tsala nhlayo ya tiphere ta mikondzo.

$$2 + 2 + 2 =$$

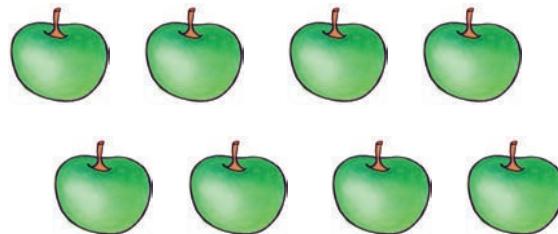


Dirowa swirhendzevutana eka leswi landzelaka ku endla:

2 wa mintlawa ya 2

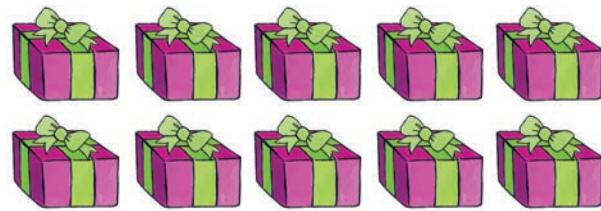


4 wa mintlawa ya 2

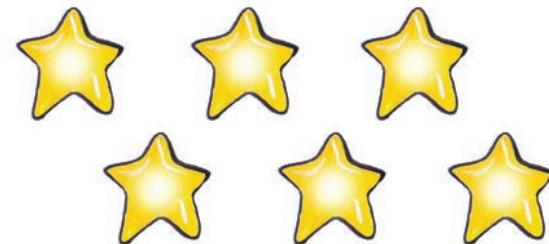




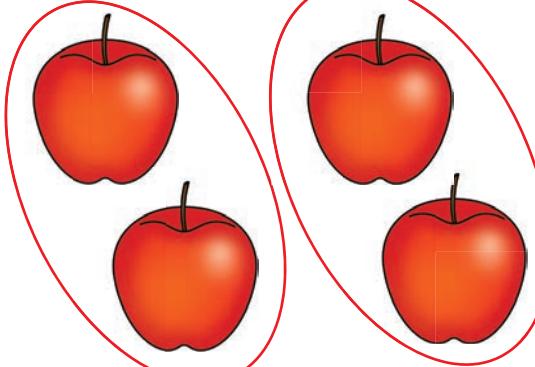
5 wa mintlawa ya 2



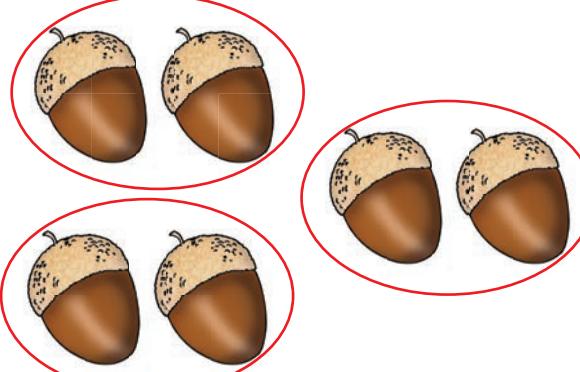
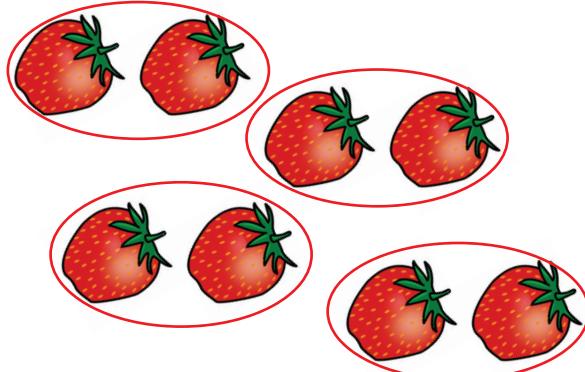
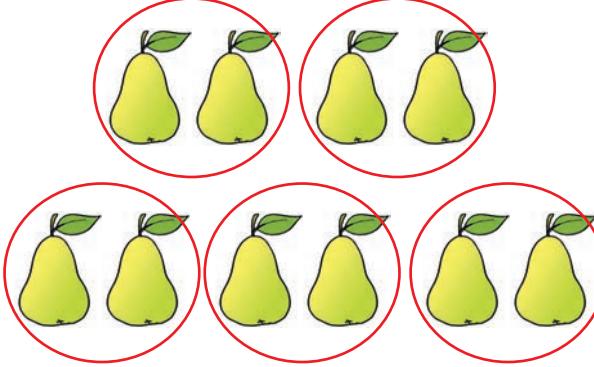
3 wa mintlawa ya 2



Tsala nhlayo ya leswi landzelaka:



$$2 + 2 =$$



11

12

13

14

15

16

17

18

19

20



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.

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

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

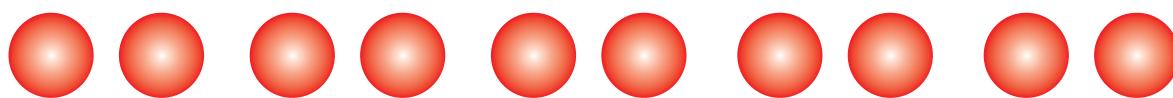
$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{\phantom{0}}$$

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

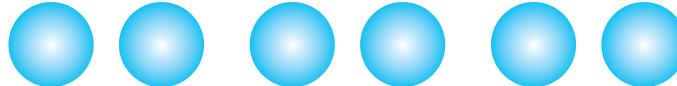
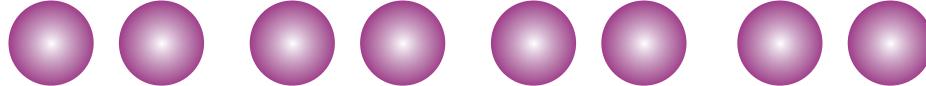




Tsala nhlayo ya:



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



Hlayela tinomboro leti hi vumbirhi kutani u khalara vumbirhi hinkwabyo.

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

11 12 13 14 15 16 17 18 19 20

Teacher:  
Sign:  
Date:



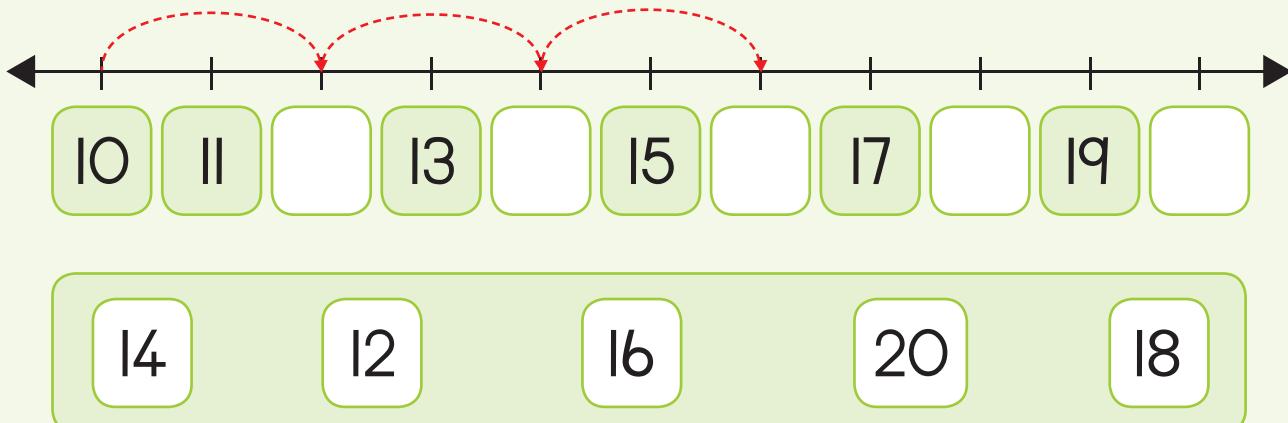
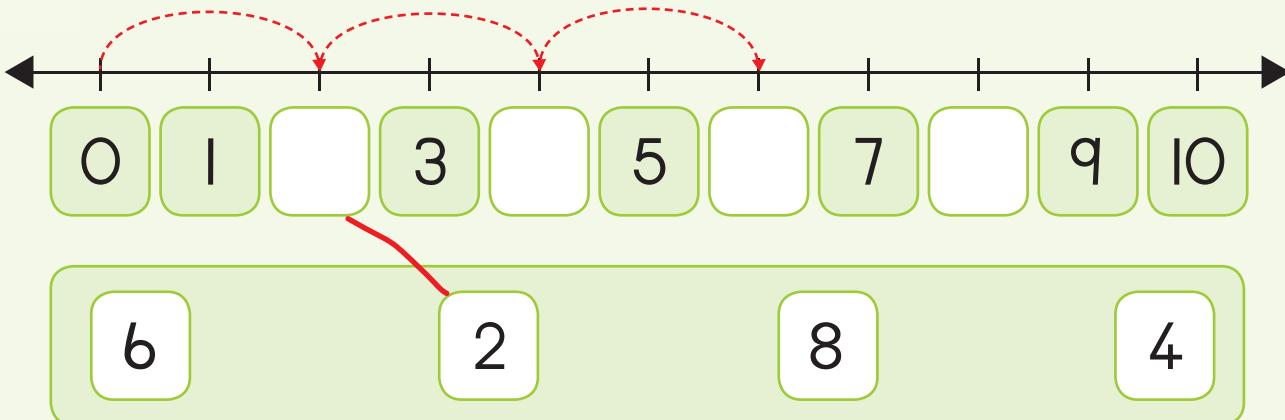


## Tipatironi ta 2 ku fika eka 20



Dirowa ntila ku yelanisa nomboro leyji siyiweke.

Hi ku endlele wo sungula kutani hetisa mithamuko yin'wana mimbirhi.



Hetisa patironi hi ku khalara tinomboro.

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





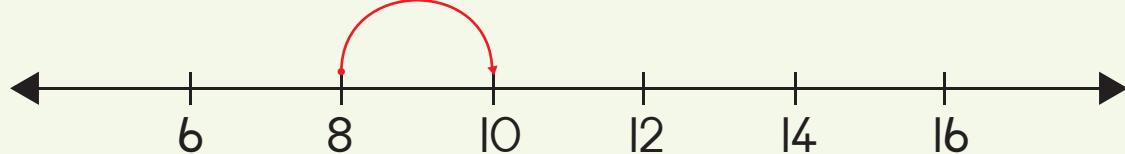
Dirowa mithamuko ku kombisa leswi landzelaka.

8

10

12

14



12

14

16

18

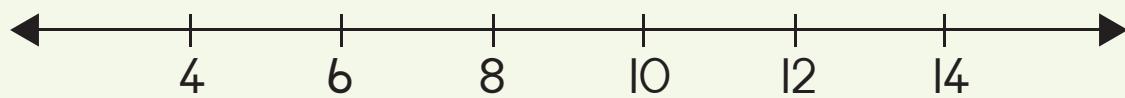


4

6

8

10



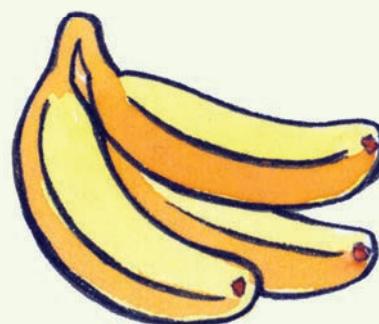
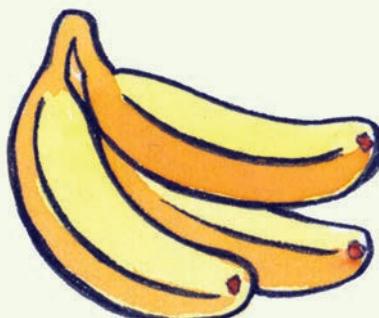
Teacher:  
Sign:  
Date:





## Mintlawa ya nharhu ku fika eka 10

Hlamula swivutiso.



Xana u hlayele mabanana mangani?

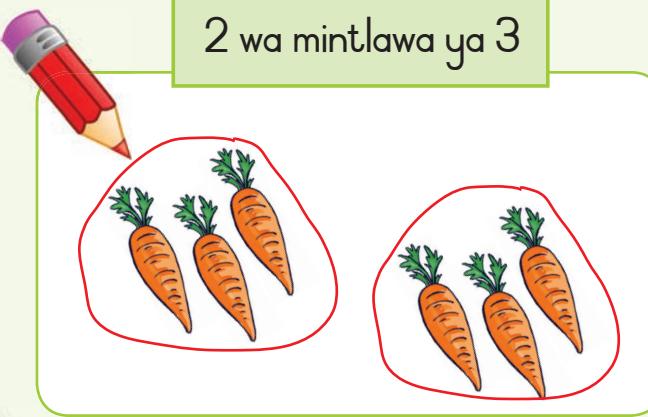
Xana ku na mintlawa yingani?

Yi tsale tanahi xivulwa xa tinomboro.



Dirowa swirhendzevutana eka leswi landzelaka ku endla:

2 wa mintlawa ya 3



3 wa mintlawa ya 3



110

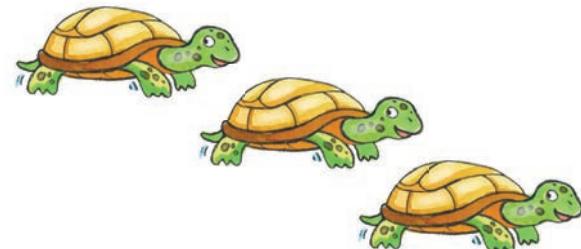
1 2 3 4 5 6 7 8 9 10



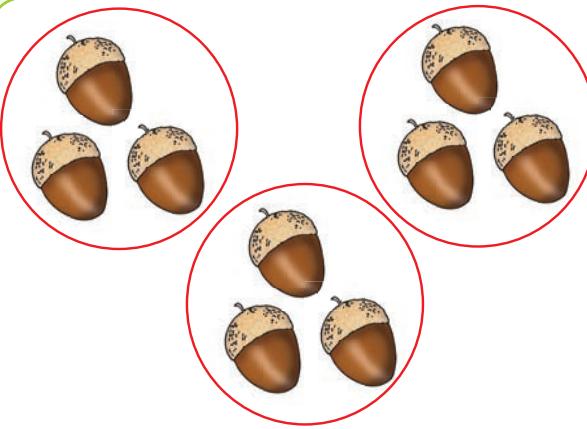
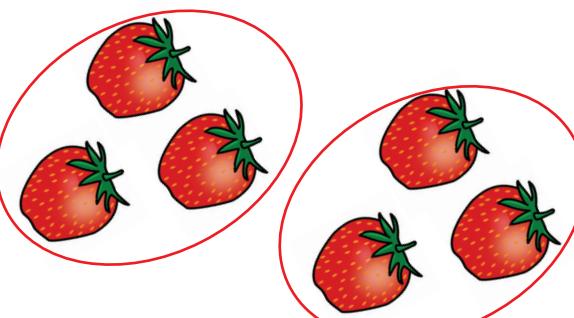
4 wa mintlawa ya 3



I ntlawwa wa 3



Tsala xivulwa xa tinomboro xa leswi landzelaka:



Dirowa 2 wa mintlawa ya 3.



Teacher:  
Sign:

Date:





## Ku hlanganisa loku vuyeleriweke ka vunharhu ku fika eka khume



Ku na mavhilwa mangani? Ya tsale tanihi nhlayo.





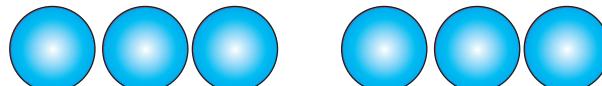
Dirowa swivumbeko ku kombisa leswi landzelaka.

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

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



Tsala nhlayo ya:



Xana ndzi xavile swiluva swingani emakete?



Nhlayo.

--



Teacher:  
Sign:

Date:



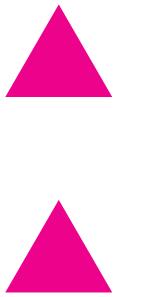
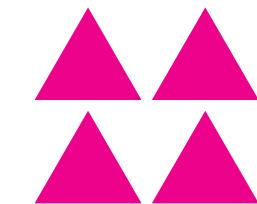
54

Kotara ya 2



## Mintlawa ya mune ku fika eka khume

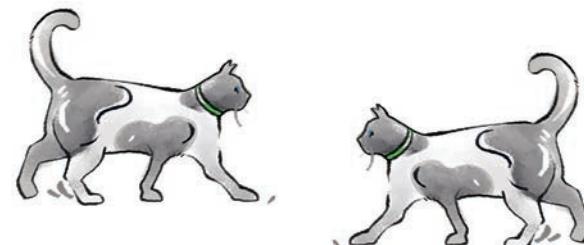
Hlayela swivumbeko kutani u tsala nomboro.



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:

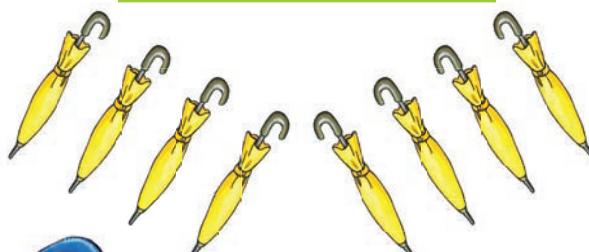
2 wa mintlawa ya 4



1 wa mintlawa ya 4



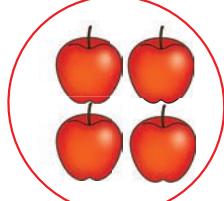
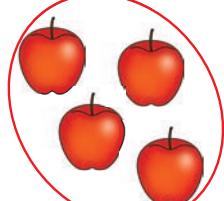
2 wa mintlawa ya 4



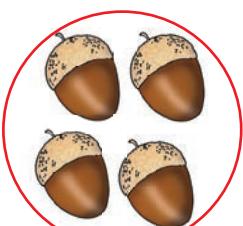
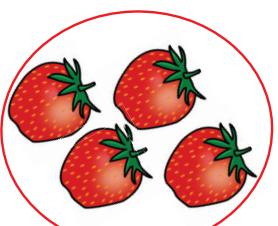
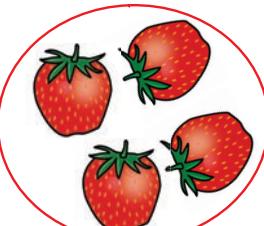
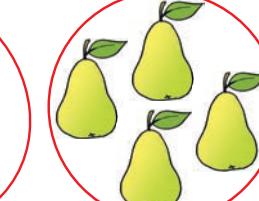
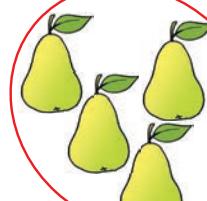
1 intlawa wa 4



Tsala nhlayo ya leswi landzelaka:



$$4 + 4 =$$



Teacher:  
Sign:  
Date:



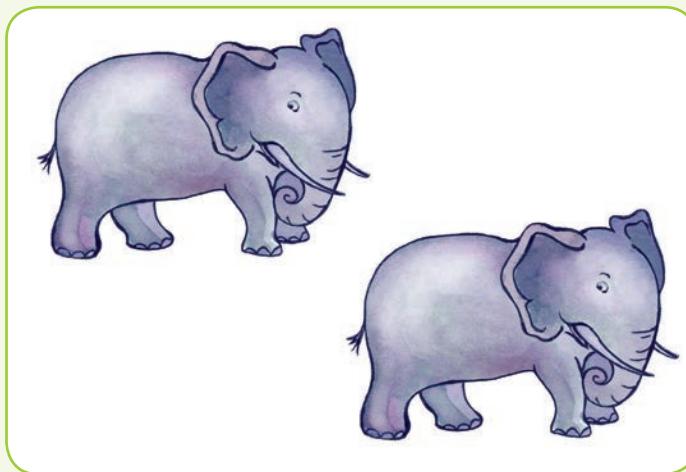
## Ku hlanganisa loku vuyeleriweke ka vumune ku fika eka khume



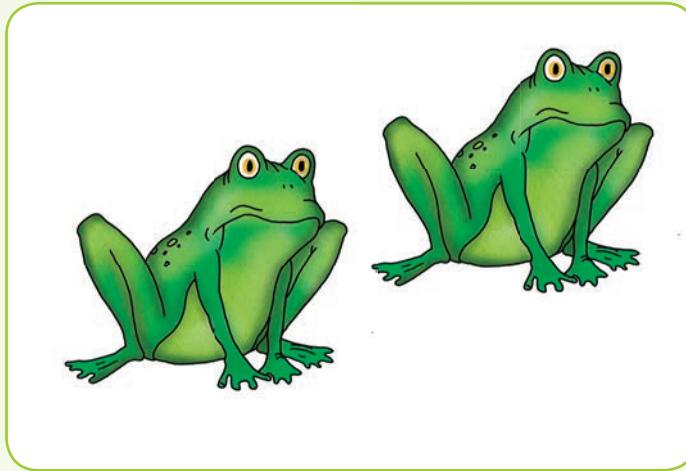
Ku na milenge yingani? Tsala nhlayo ya yin'wana na yin'wana.



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



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



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



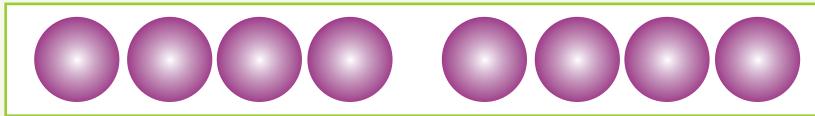


Dirowa swivumbeko ku kombisa leswi landzeka.

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



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:



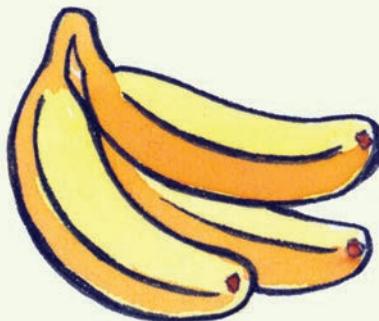
56

Kotara ya 2



Mintlawa ya ntłhanu ku fika eka khume

Hlamula swivutiso.



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

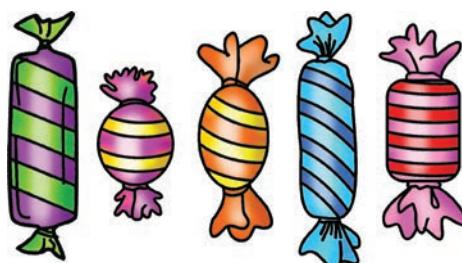
Ku na swikunwana swingani hinkwaswo?



Dirowa swirhendzeyutana eka leswi landzelaka ku endla:

$$5 + 5 =$$

1 ntława wa 5

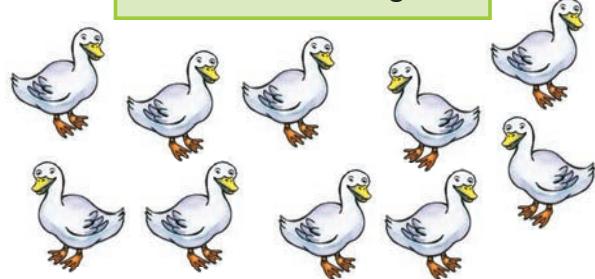


2 wa mintlawa ya 5

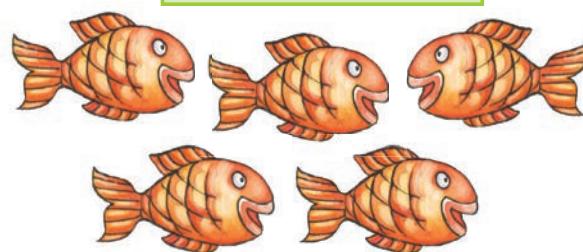




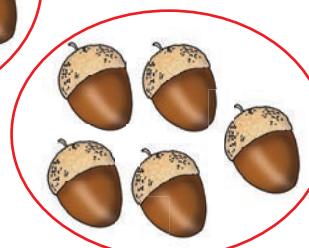
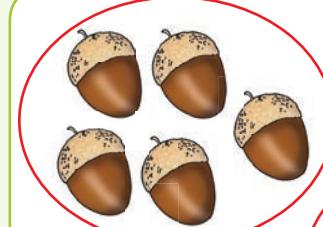
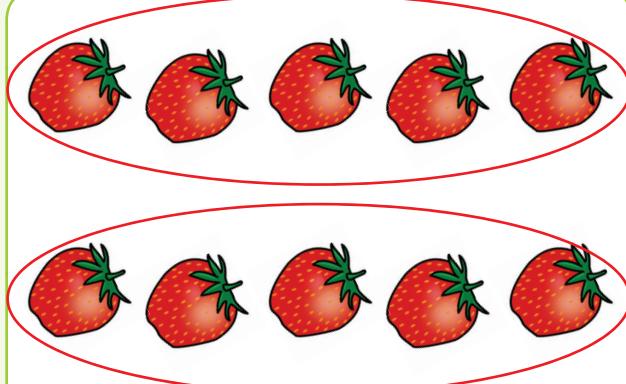
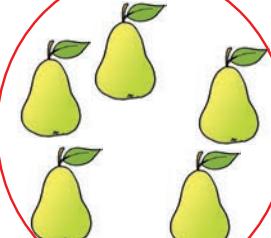
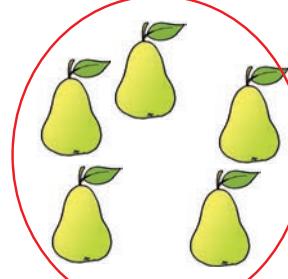
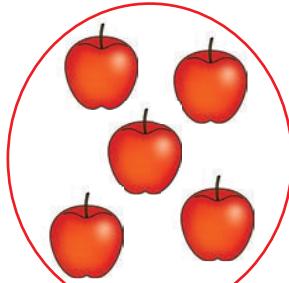
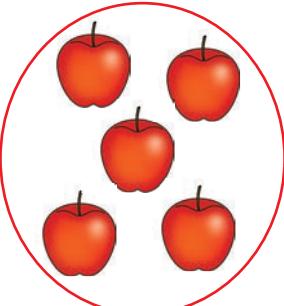
2 wa mintlawa ya 5



Intlawa wa 5



Tsala nhlayo ya leswi landzelaka:



Teacher:  
Sign:  
Date:



11

12

13

14

15

16

17

18

19

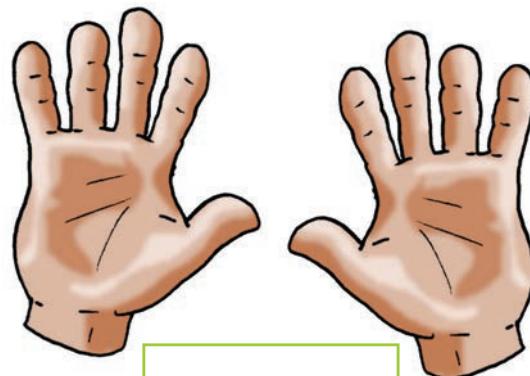
20

119



Ku hlanganisa loku vuyeleriweke ka vuntlhanu  
ku fika eka 10

Ku na tintiho kumbe swikunwana swingani?





Dirowa swivumbeko ku kombisa leswi landzelaka.

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



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:

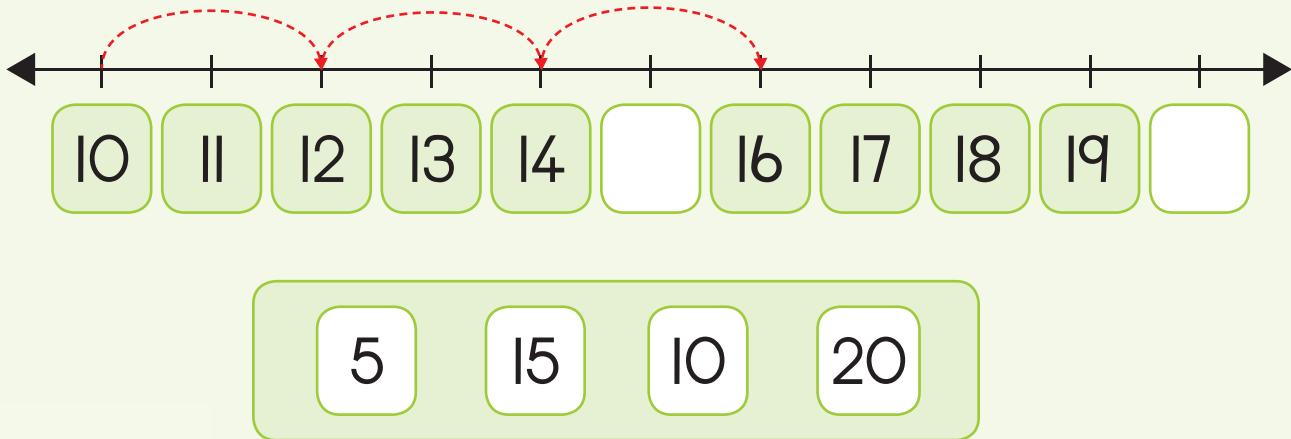
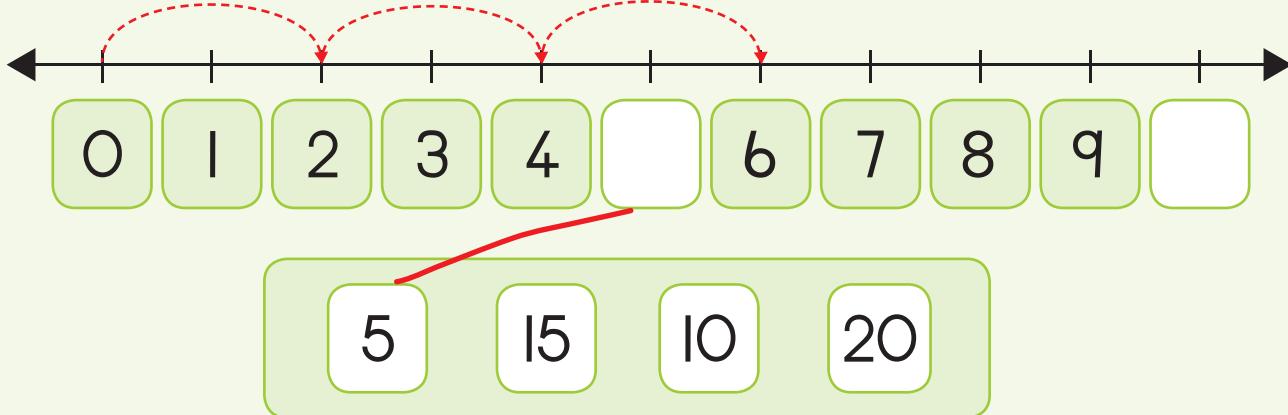
Date:





## Tipatironi ta ntłhanu ku fika eka 20

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



Hetisa patironi hi ku khalara tinomboro.

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





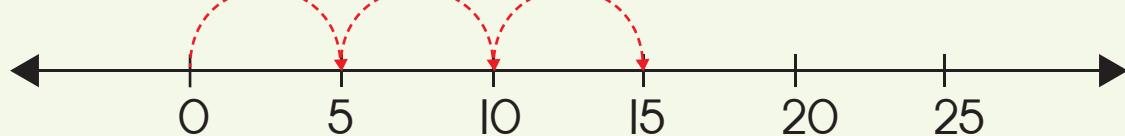
Dirowa mithamuko ku kombisa leswi landzelaka.

0

5

15

20

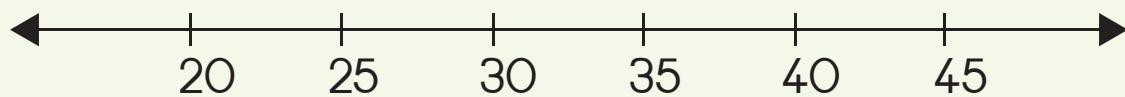


20

25

30

35

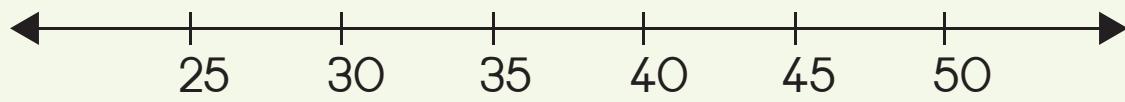


35

40

45

50



Teacher:  
Sign:  
Date:



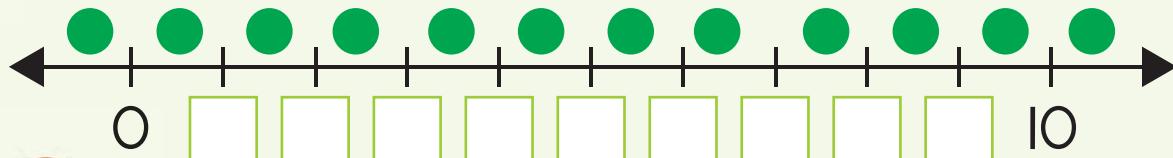
5q

Kotara ya 2

## Tipatironi ta khume



Tata tinomboro leti siyjweke.



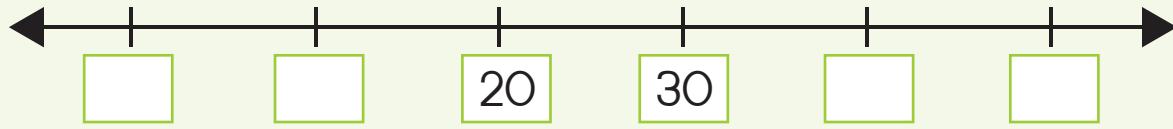
Dirowa 10 wa vuhlalu exikarhi ka swikhandlu kutani u yelanisa nomboro na buloko leyi faneleke.



50      40      30      20

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

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

Tirhisa tinomboro ta switsemiwa ku suka emakumu ka buku.



20	40	10	60	90	80
50	30	100	70		

|| 12 13 14 15 16 17 18 19 20



Teacher:  
Sign:  
Date:



# 60a

Kotara ya 2



Yelanisa mali leyji landzelaka.

## Tinomboro na mali

R100		
R20		
R10		
5c		
R50		
50c		
R5		
R1		

A red line connects the R100 tag to the R100 banknote, and another red line connects the R1 tag to the R1 banknote.



## Mali: Ya phepha na ya swingwece

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



R100

R50

RIO



R1

R5

RIO



R1

50c

5c



R20

R5

RIO



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 RIO



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:

6 |

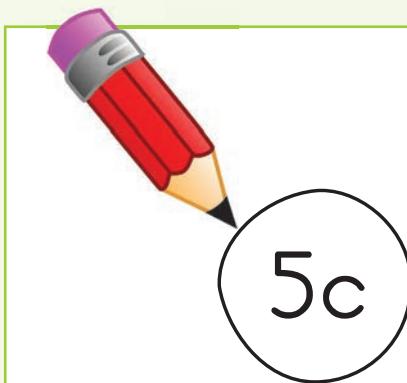


## Mali na cinci



Dirowa swingwece leswi nga ta ku nyika ntsengo wa:

a.



10c

b.

20c

c.

15c



130

1 2 3 4 5 6 7 8 9 10



Hlanganisa swingwece. Khalara nhlamulo leyi 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:



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Kotara ya 2



## Mali yo tala na cinci

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



5c



Ku sale mali muni?



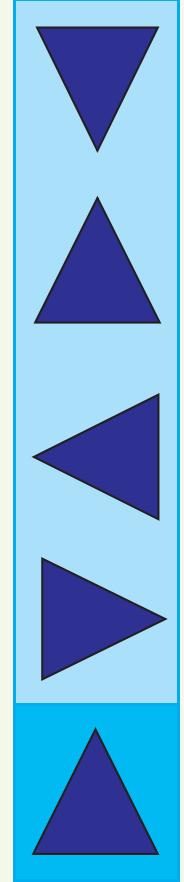
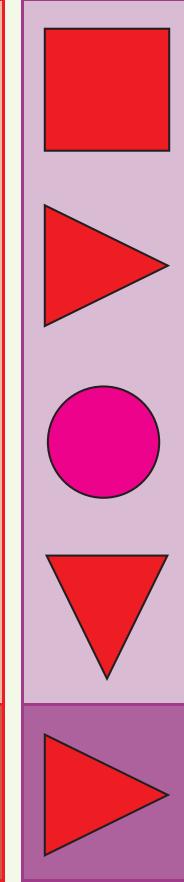
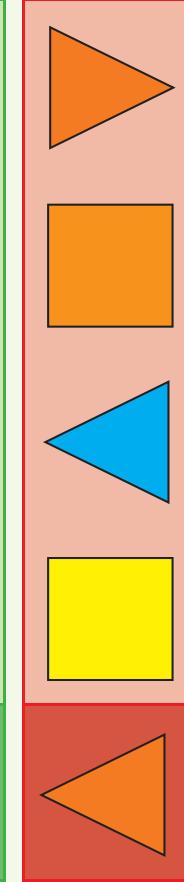
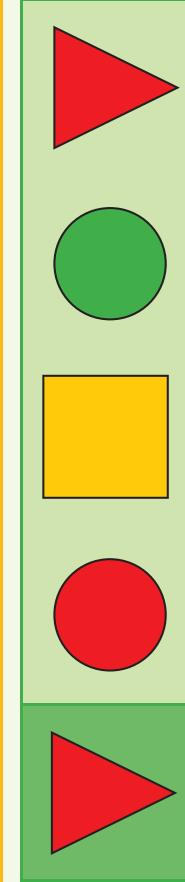
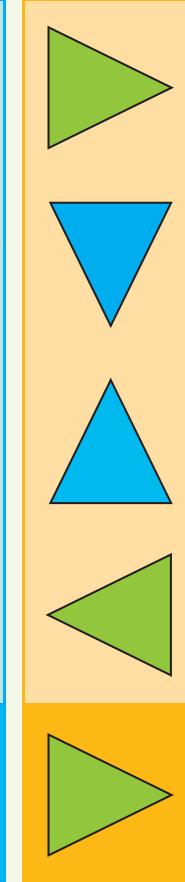
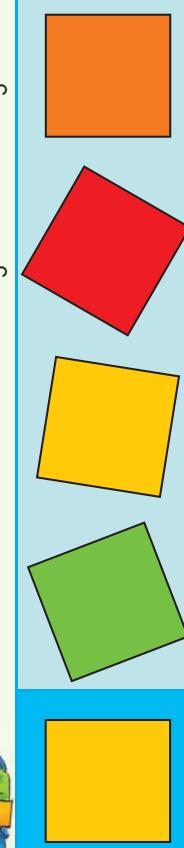


Ku sale mali muni? Yelanisa leswi landzelaka.



## Xivumbeko, tlhelo na xijimo

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



Bana xirhendzevutana eka tinhlamulo leti faneleke.



I xiharhi xih lexi nga emahlweni ka ndlopfu?

I xiharhi xih lexi nga endzhaku ka mbyana?

I xiharhi xih lexi nga exikarhi ka mangwa nambyana?

Loko mbjana yu ya emahlweni, xana yi ta chayisana na xiharhi xih?

Loko ndlopfu yu ya endzhaku, xana yi ta chayisna xiharhi xih?

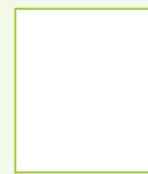
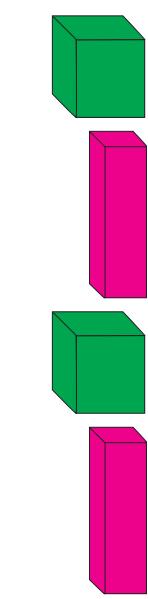
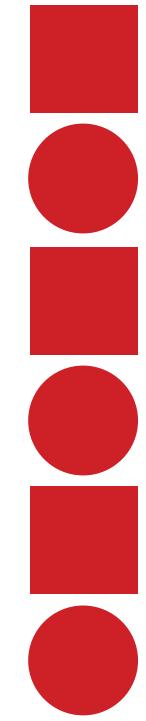
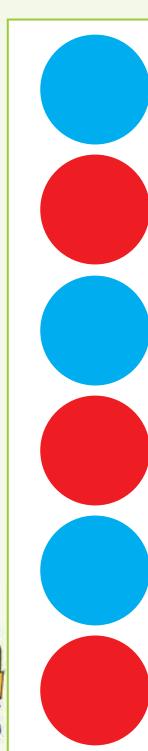
Xana xiharhi xih lexi nga eka rixaxa ra le xikarhi?

Xana xiharhi xo sungula erixaxeni hi xih?

64a

## Tipatironi ta swivumbeko swa jometiri

Engetela patironi hi xivumbeko xin'wana xin'we.



Kotara ja 2

Tumbuluxa patironi ya wena hi swivumbeko leswi nyikiweke.



Teacher:  
Sign:  
Date:



137 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 136

64b

## Swivumbeko swa matħelō ma2 na minchumu ya matħelō ma3

Khalara swivumbeko.

Khalara swikwere  hi muhlovo wo tħwuka.  
Khalara swirħendżevutana  hi muhlovo wa wasi.  
Khalara tijinhlanharhu  hi muhlovo wa riħlaza.

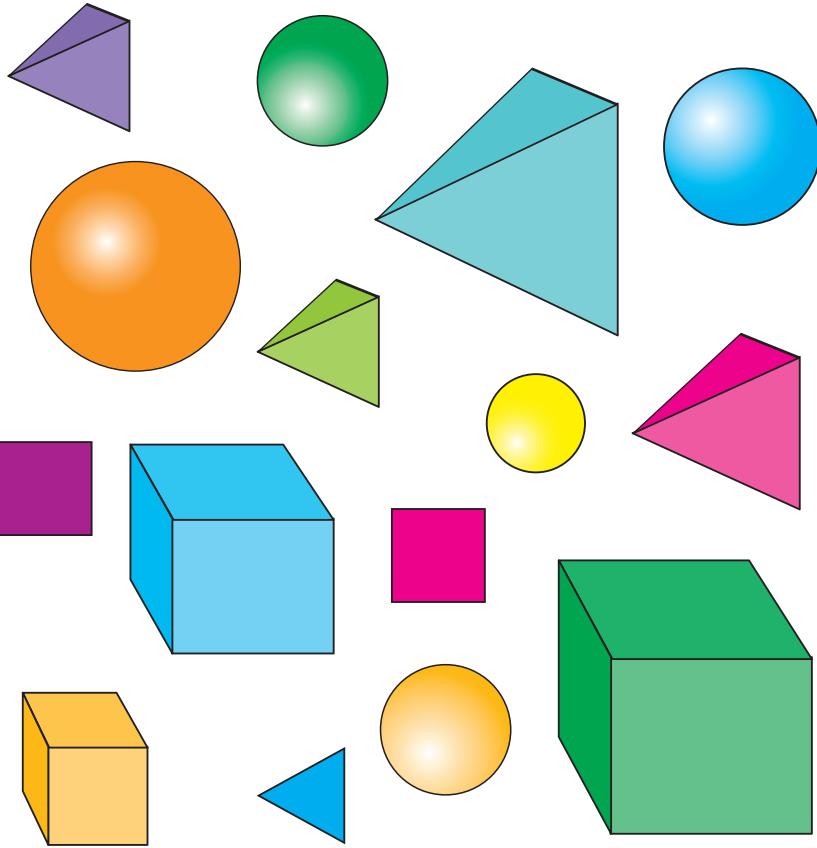
Khalara tikkħubu  hi muhlovo wa xitħopana.  
Khalara swirħendżevutana  hi muhlovo wa xivunguvunġu.  
Khalara tipħirizmu  hi muhlovo wa xilamula.

## Swivumbeko na minchumu yo khomeka



Bana swirħendżevutana  
eka swivumbeko.

Bana xirħendżevutana xo tħwuka  
 eka.  
Bana xirħendżevutana xa wasi eka  
 eka.  
Bana xirħendżevutana xa riħlaza  
 eka.



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Kotara ja2

10 8 7 6 5 4 3 2 1

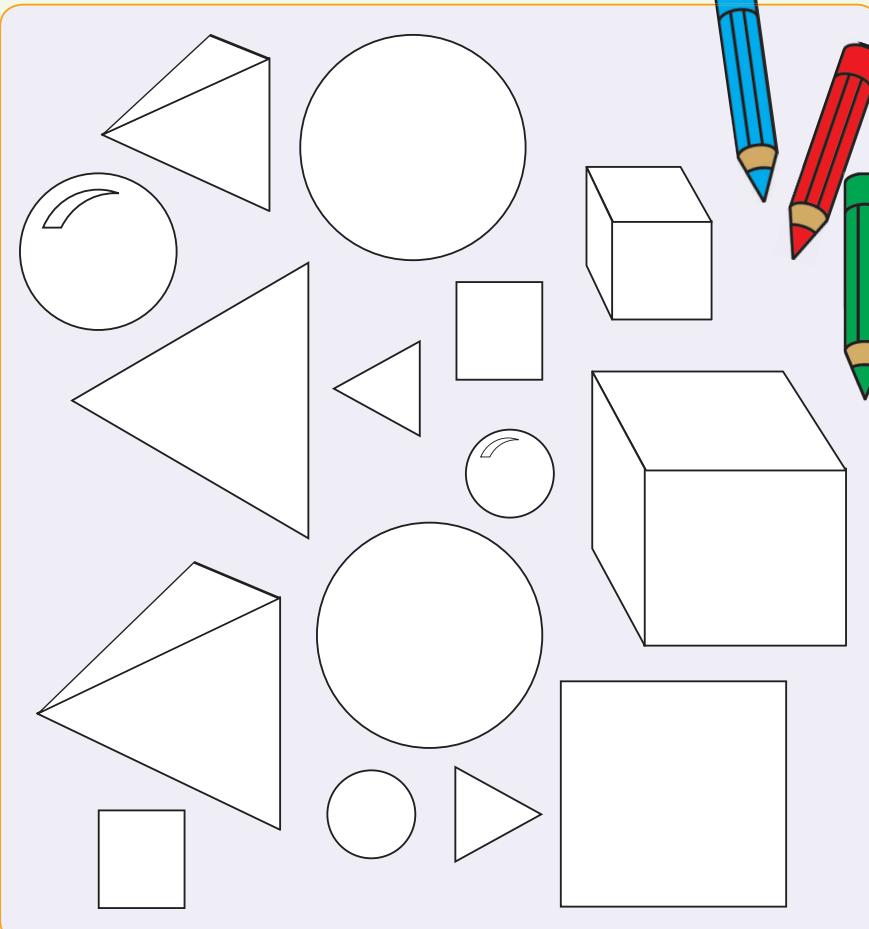
20 19 18 17 16 15 14 13 12 11

## Swivumbeko swa matħelō ma2 na minchumu ya matħelō ma3

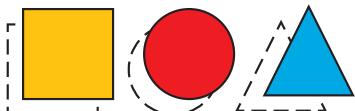
Khalara swivumbeko.

Khalara swikwere  hi muhlovo wo tħwuka.  
Khalara swirħendżevutana  hi muhlovo wa wasi.  
Khalara tijinhlanharhu  hi muhlovo wa riħlaza.

Khalara tikkħubu  hi muhlovo wa xitħopana.  
Khalara swirħendżevutana  hi muhlovo wa xivunguvunġu.  
Khalara tipħirizmu  hi muhlovo wa xilamula.

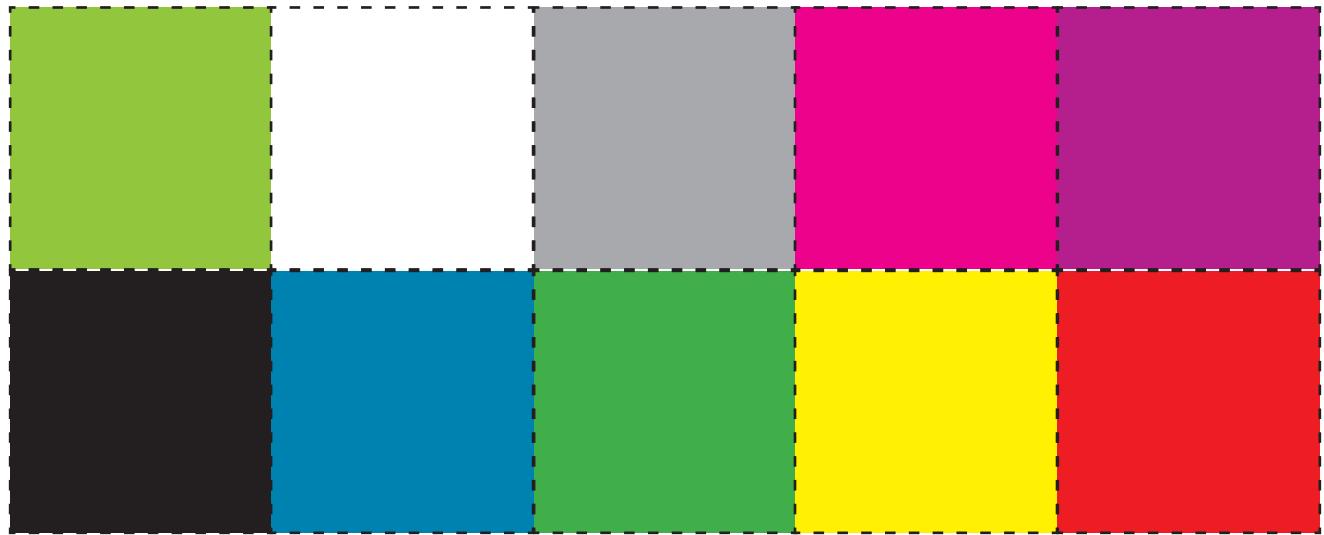
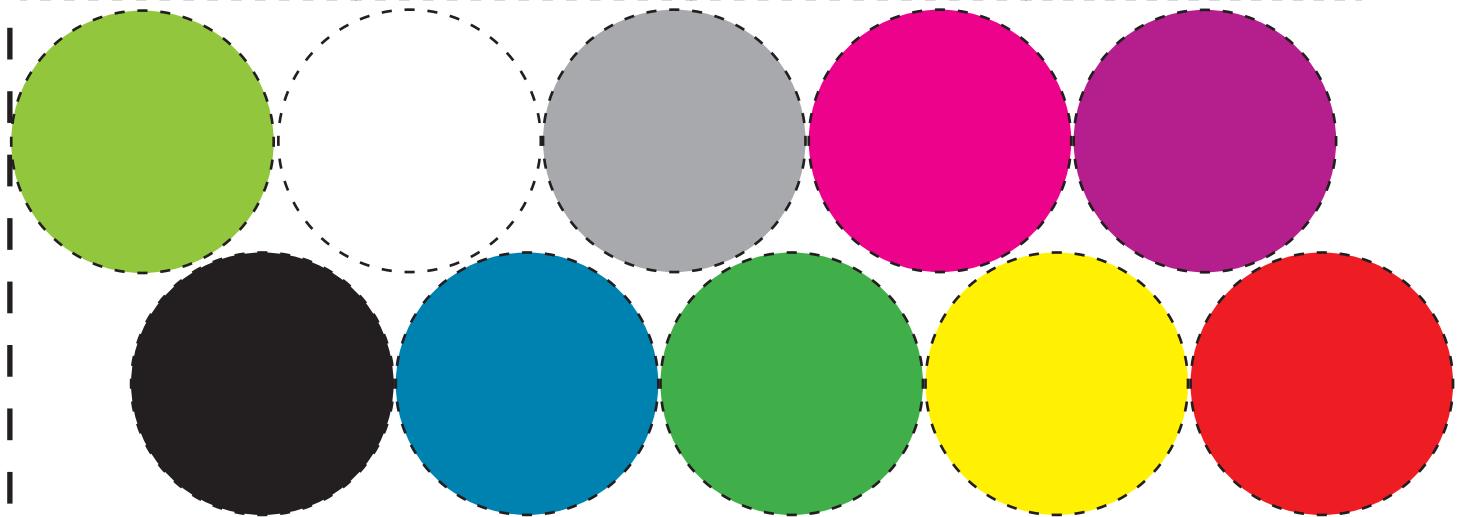
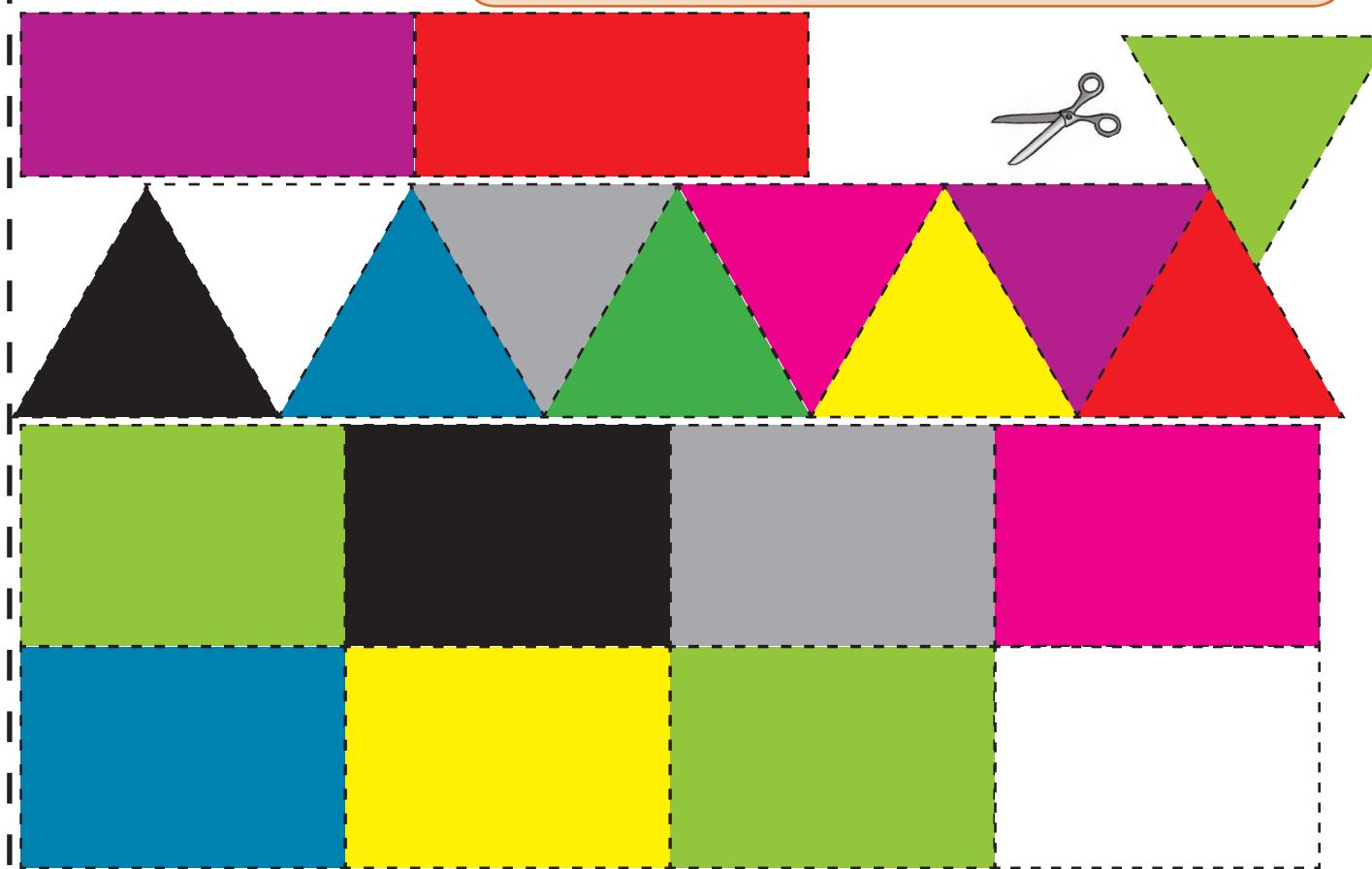


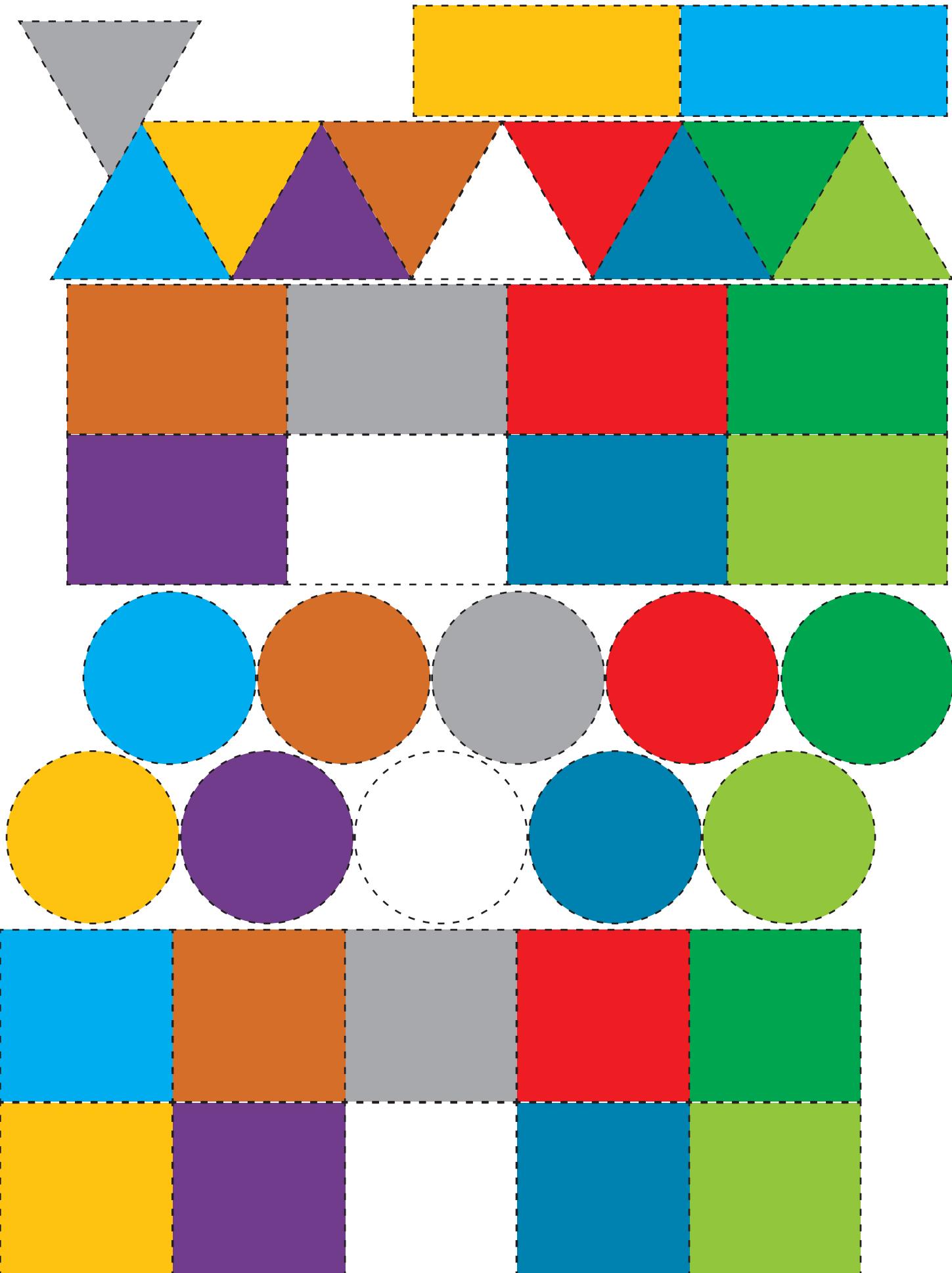
138

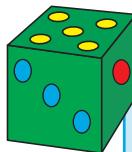


### Shapes:

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.

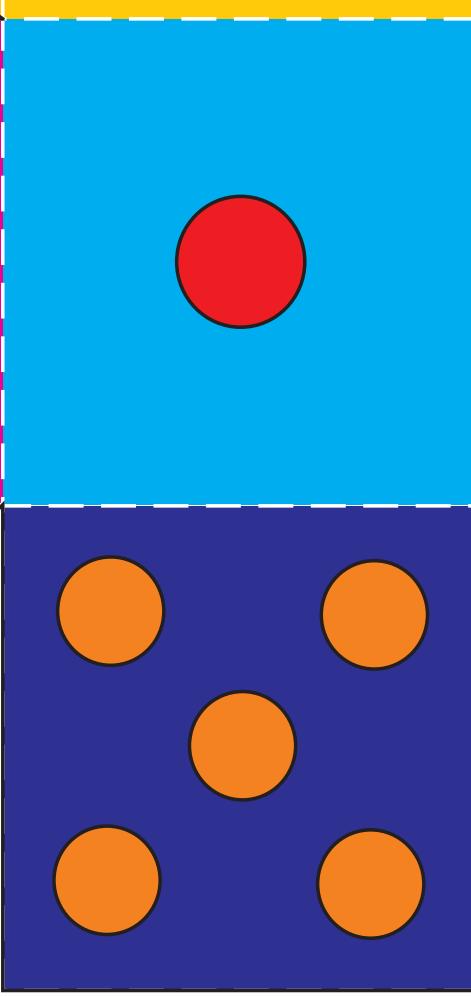
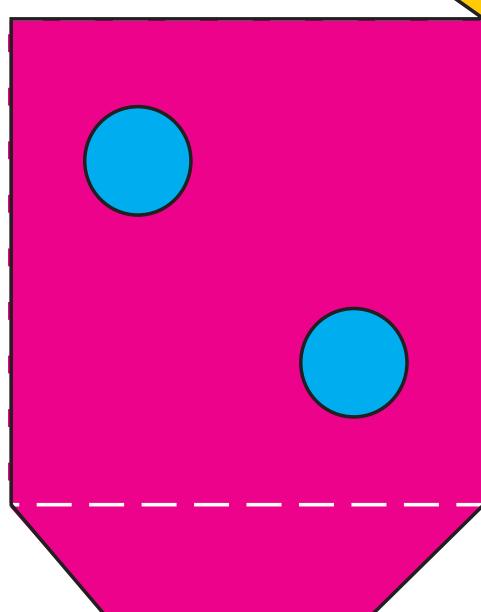
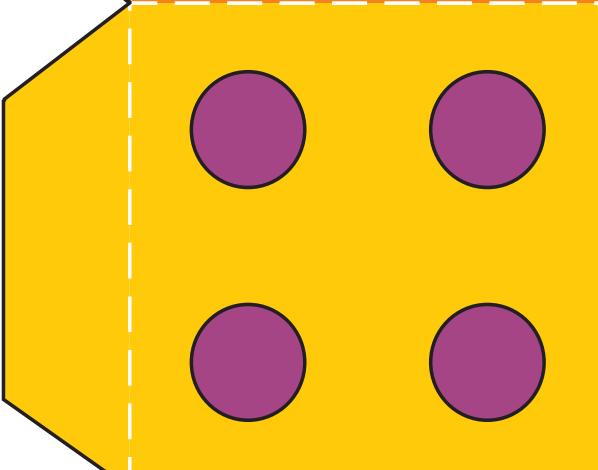
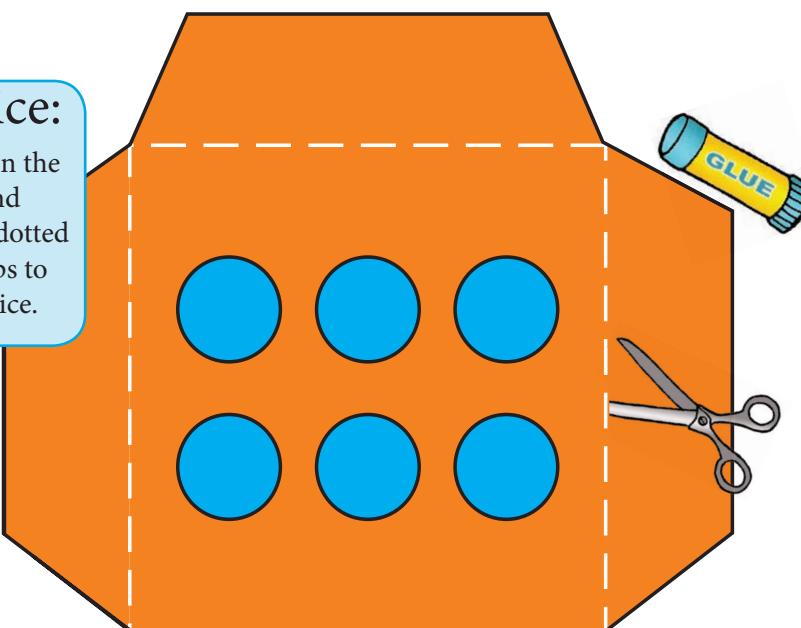






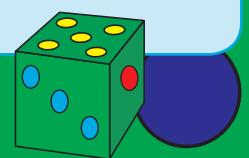
### Make a dice:

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

