

MATHEMATICS IN XITSONGA
GRADE 1 – BOOK 1
TERMS 1 & 2
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13th Edition



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

Lemuka matimu ya hina.	Hi nga vu yeleli swihoxo swa nkari lowu nga hundza.	Vumbiwa ra hina ri hi pfuna ku anakanya no aka vumundzu kyu byo antswa bya vanhu hink wavo.
------------------------	---	---

Hina, vanhu va Afrika-Dzonga,
Hi lemuka ku kala vululami ka nkarhi lowu hundzeke evuton'wini bya hina;
Hi xixima lava va xanisekeke hikwalaho ko hisekela vululami na ntshunxeko etikweni rerhu;
Hi hlonipha lava va tiriske ku aka no hluvukisa tiko ra hina; naswona Hi tshemba leswaku Afrika-Dzonga i ra hinkwavo lava tshamaka eka rona, hi hlanganile hi ku hambana-hambana ka hina.

Kutani, hi ku tirisha vayimeri va hina lava hi tihlawuleleke vona hi ntshunxekile, hi amukela Vumbiwa leri tanihu nauw lowu kulukumba wa Riphabiliki ku endlela—

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

Ku simeka masungulo ya rixaka ra xidemokhirasi leri vekaza swilo erivaleni laha eka rona mfumo wu simekiwe ehenhla ka ku navela ka vanhu naswona vaakatiko hinkwavo va sirheleriwile hi ku ringana hi nauw;

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

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

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

Tiva Nawumbisi wa timfanelo ta wena & Nawumbisi wa Vutihlamule ri.

Xikwembu a xi sirhelele vanhu va hina.
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

1 2 3 4

MATEMATIKI HI XITSONGA – Giredi ya | Buku ya |

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Tlilasi:



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Tikotara ta 1 na 2

MATEMATIKI HI XITSONGA

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Manana Angie Motshekga,
Holobye wa Dyondzo ya
Masungulo



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

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

Tibuku to tirhela ta Rainbow ti vumba xiyenge xin'wana xa 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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Giredi
ya



Matematiki HI XITSONGA



Buku leyi i ya:

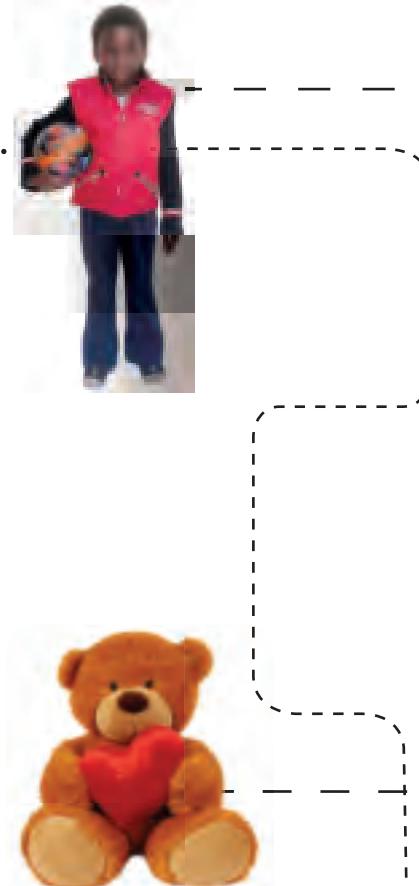
XITSONGA
Buku ya

I

Mpfuxeto: Ku landzelerisa no yelanisa

Pfuna nhwanyana ku kuma switlangiso swa yena.

SUNGULA



HETA

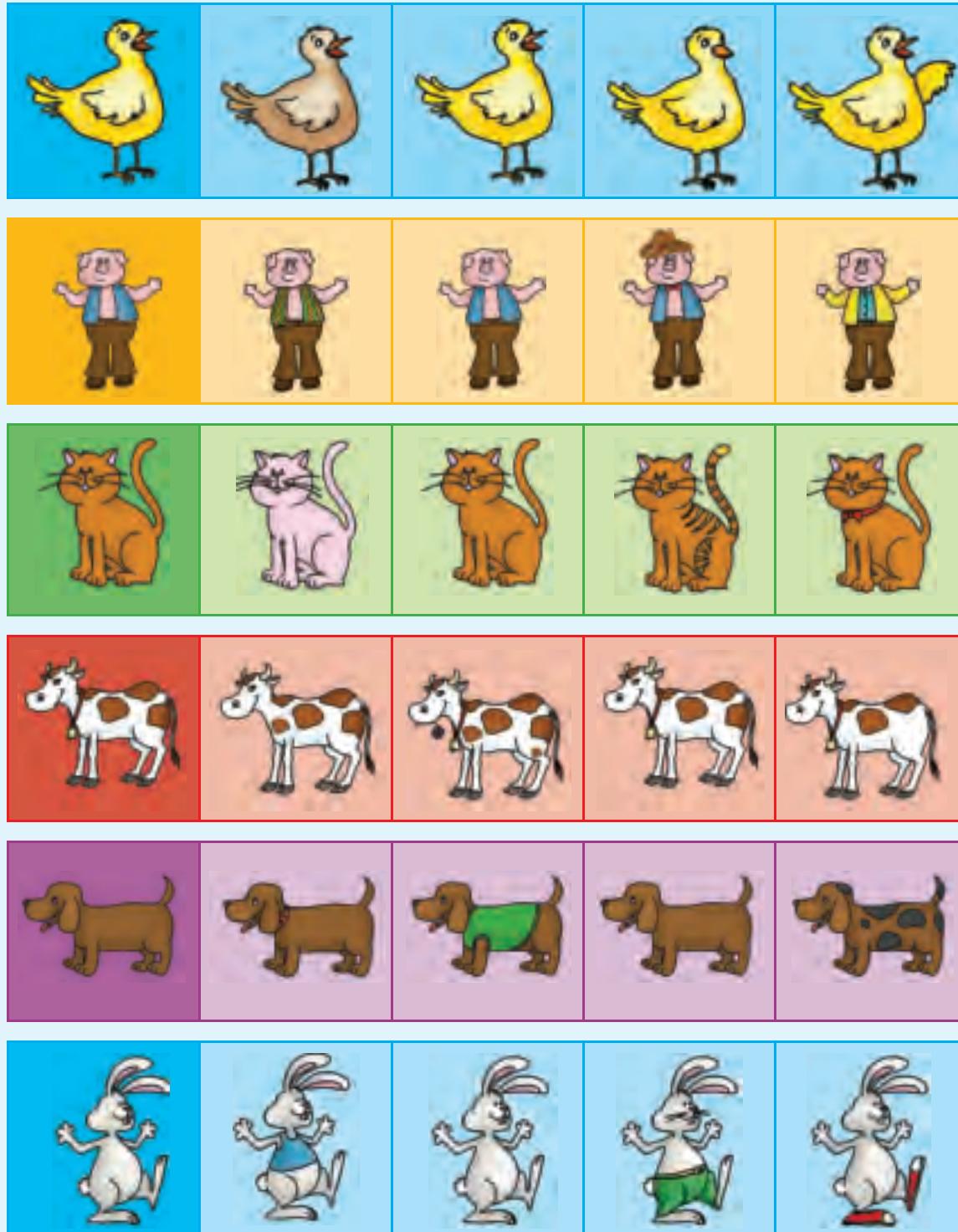




Ku yelanisa



Lava xifaniso lexi fanaka na lexi nga ebokisini ro sungula.

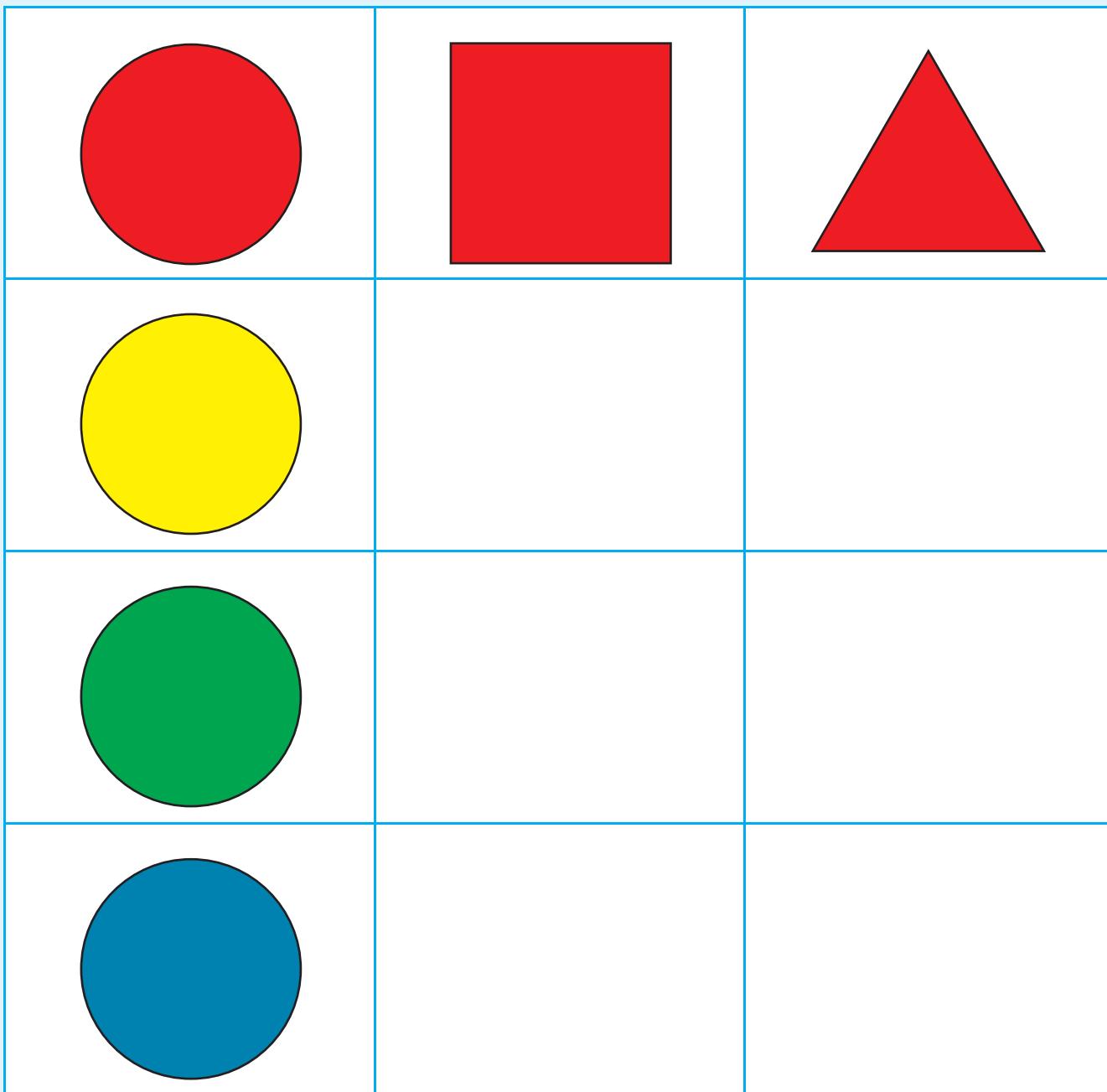


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Ku hlawula mihlovo

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

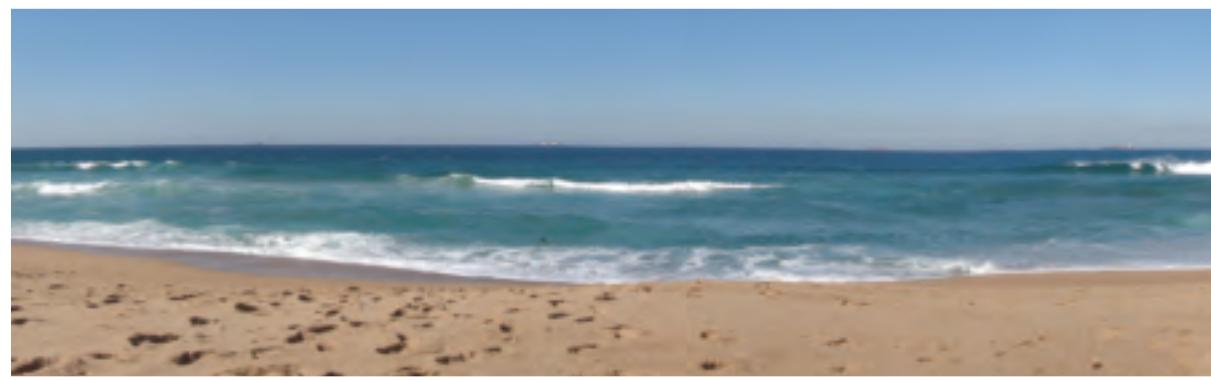
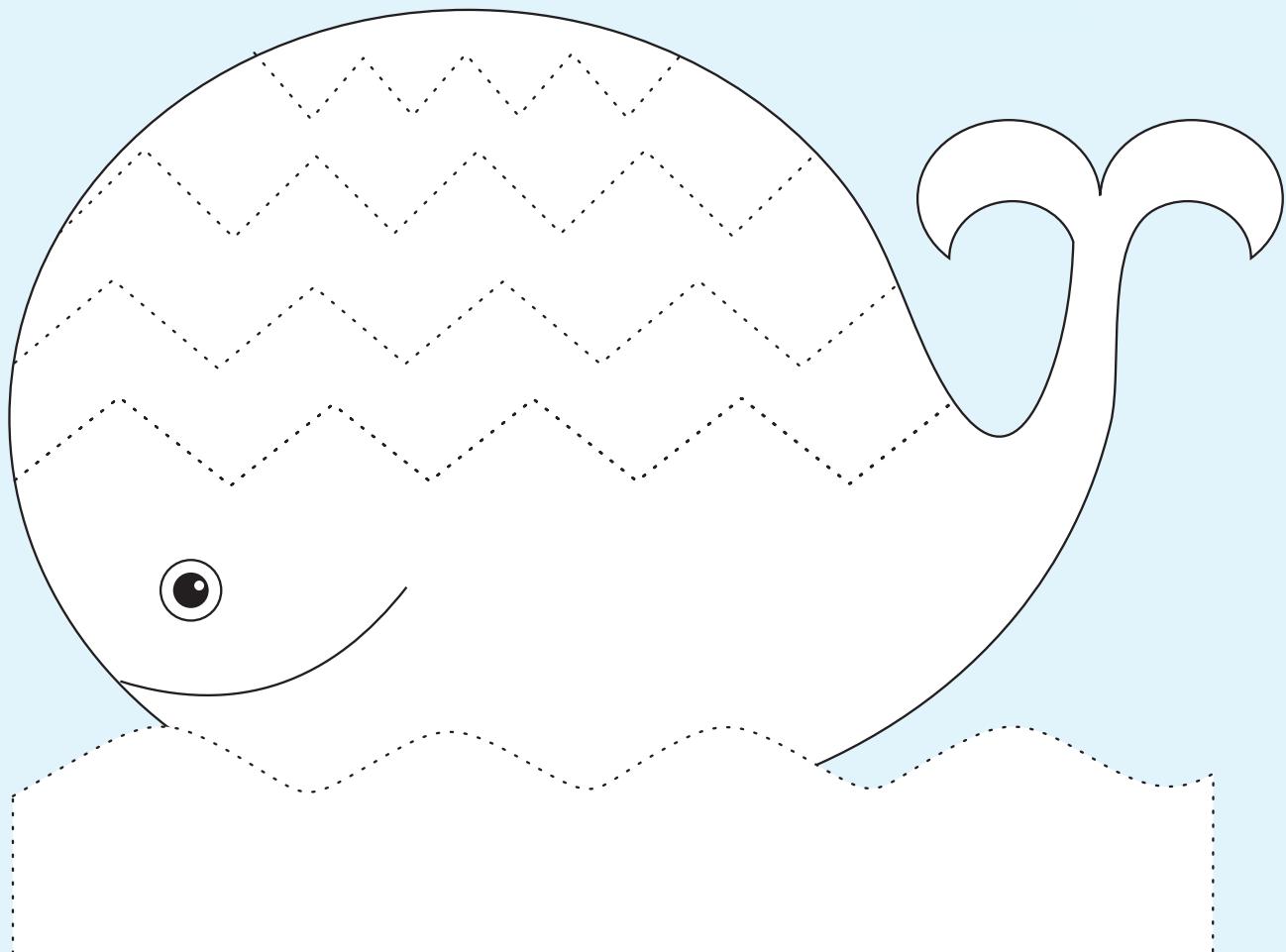




Tipatironi



Landzelerisa mintila ya mathonsi ku hetisa patironi ya nkavangaheti.



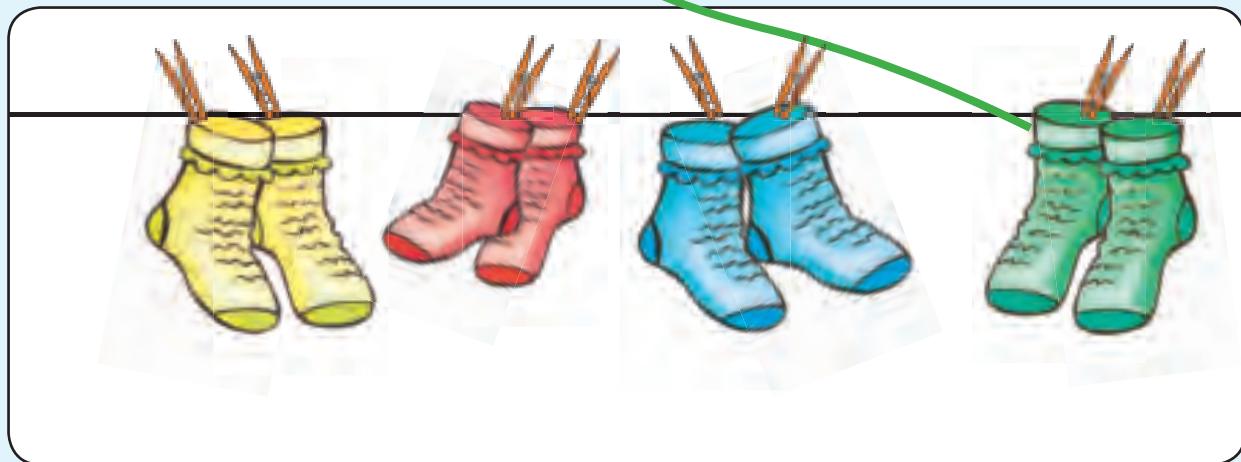
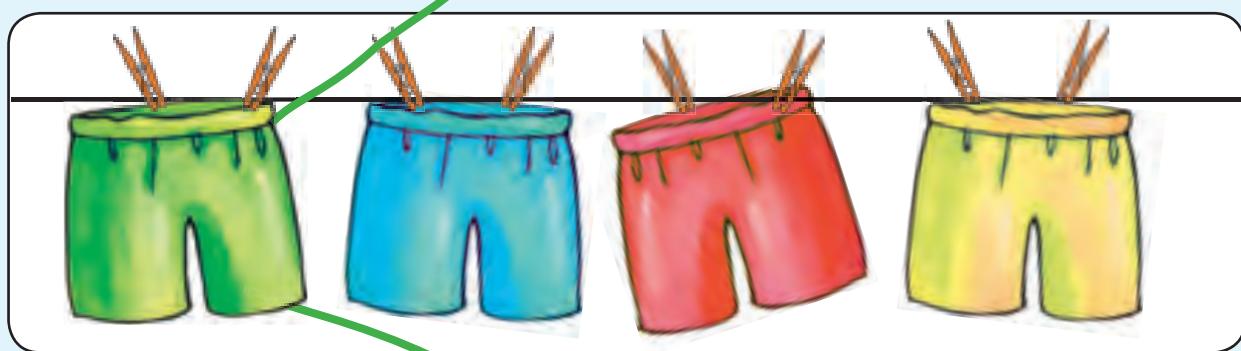
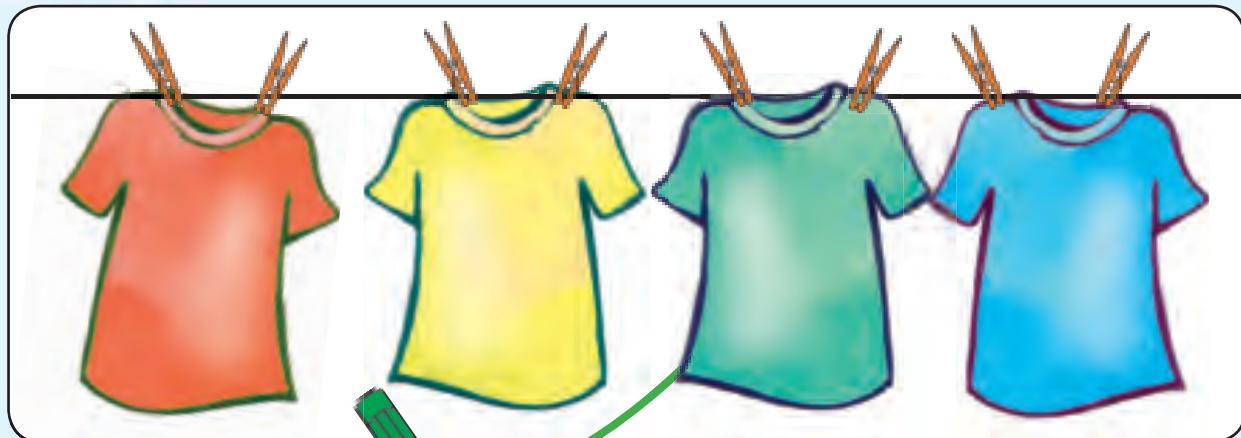
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Mpfuxeto: Mihlovo na tipatironi

Dirowa ntila ku yelanisa mpahla ya muhlovo wun'we.



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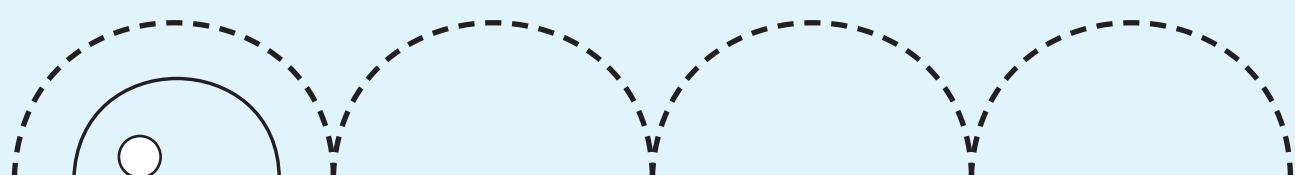
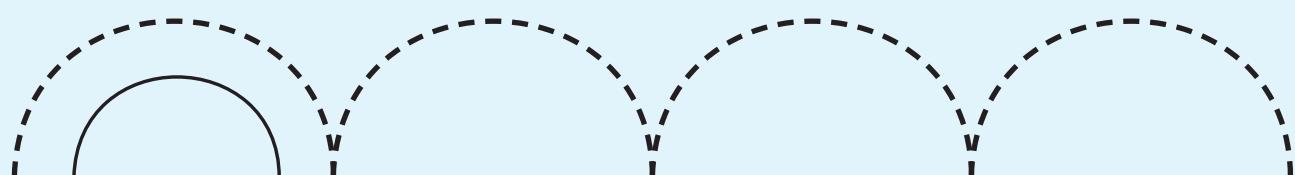
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Rhanga hi ku landzelerisa tipatironi ta mitila leyi tsemekaka hi rintiho ra wena kutani u tirhisa khirayoni kumbe penisele ya wena. Endzhaku kopunula tipatironi letitsongo leti sunguriweke eximatsini. Patironi yo sungula hi yona yi nga ta ku letela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



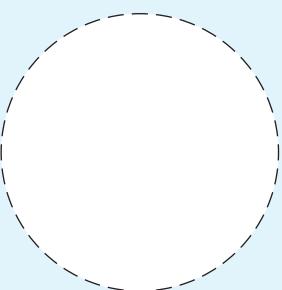
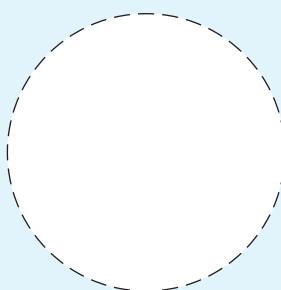
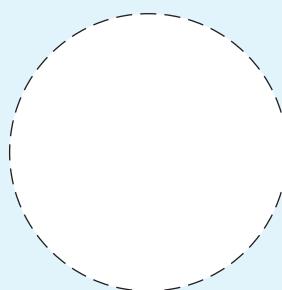
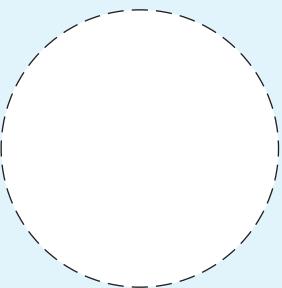
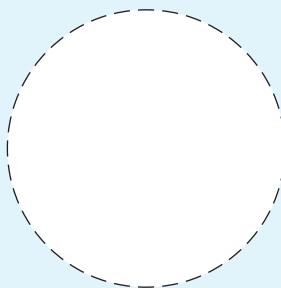
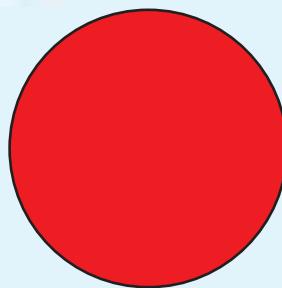
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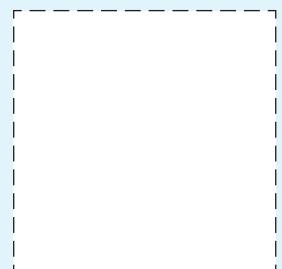
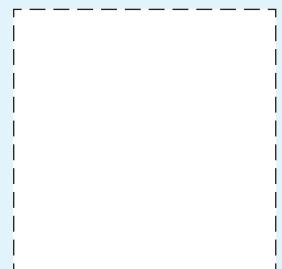
Mpfuxeto: Ku hlawula no yelanisa swivumbeko



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

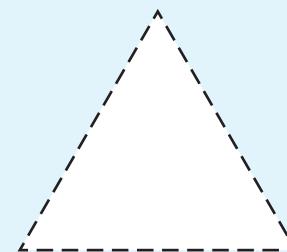
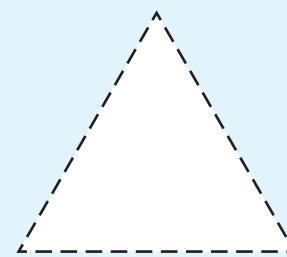
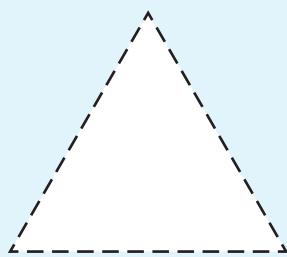
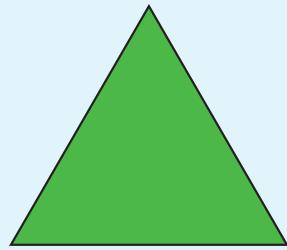


Lava swikwere
leswi tsemeke
kutani u swi
nghenisa
eswivandleni leswi.

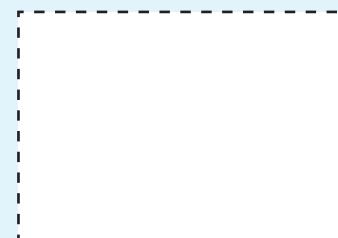
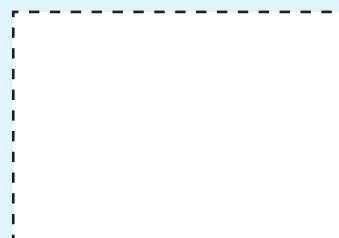




Lava tiyinhlanhru
leti tsemiweke kutani u
ti nghenisa eswivandleni
leswi.



Lava tiyinhlamune leti
tsemiweke kutani u ti
nghenisa eswivandleni leswi.



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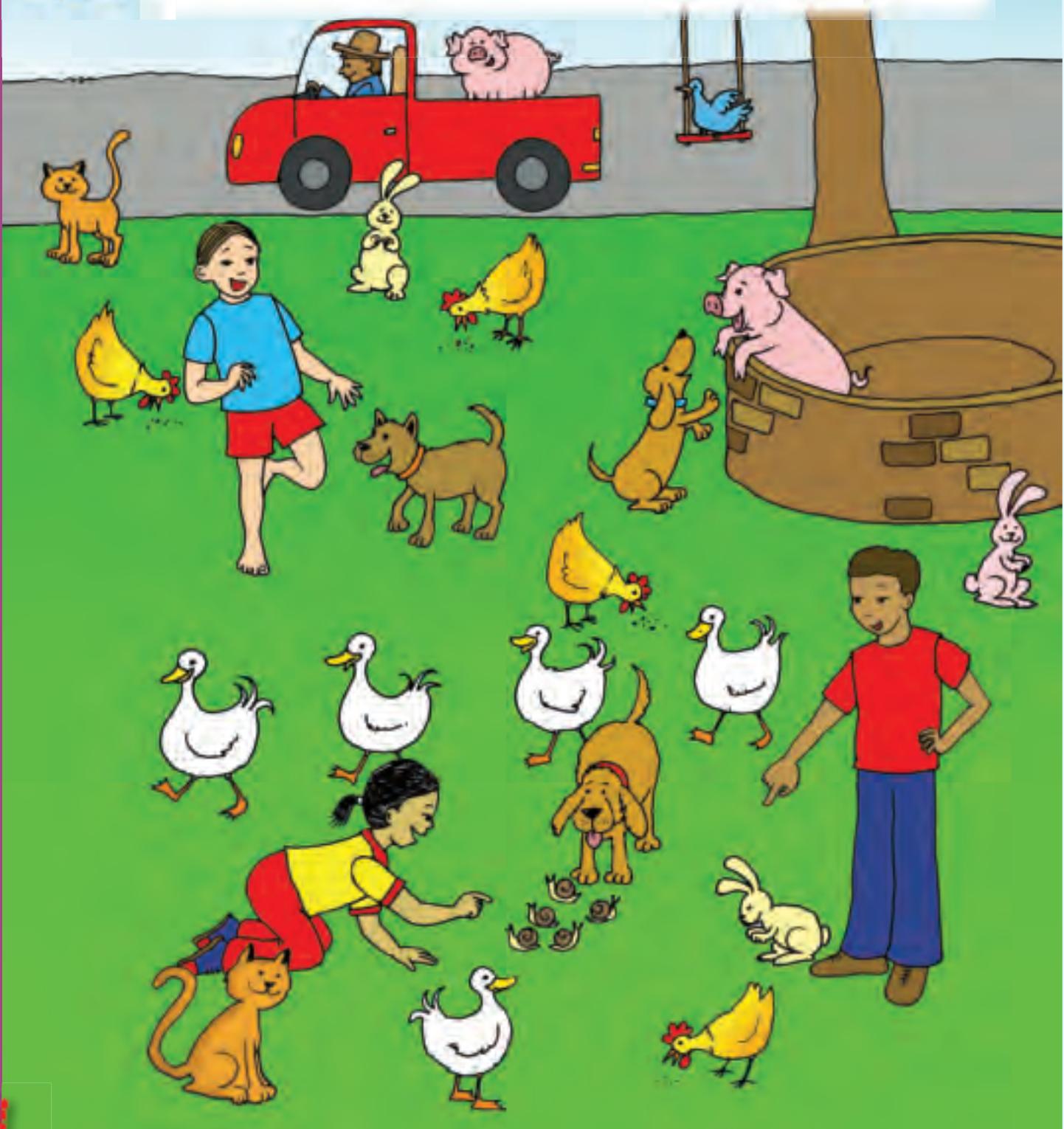


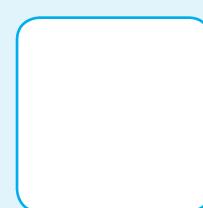
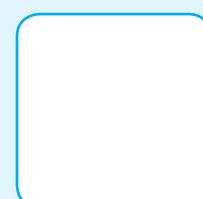
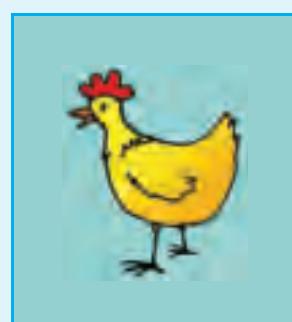
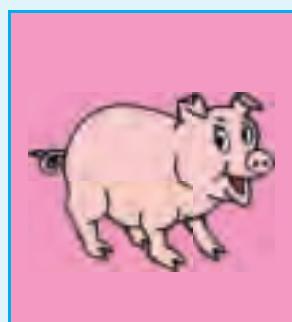
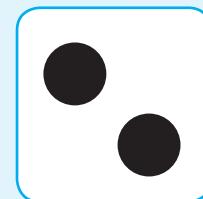


Mpfuxeto: Lava u tlhela u hlayela

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.





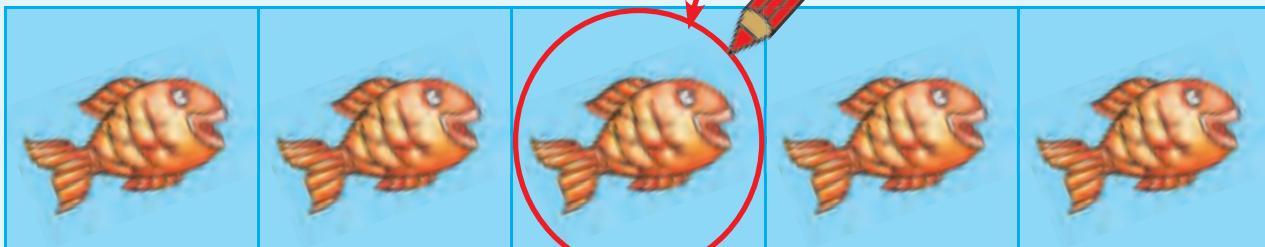
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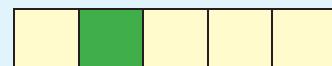


Mpfuxeto: Swiyimo

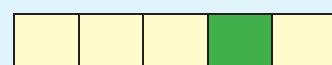
Tsala xirhendzevutana eka xiharhi lexi nga erixaxeni ku kombeta leswaku xi le ka xiyimo lexi fanaka na xa buloko leyi khalariveke hi rihlaza erixaxeni. Hi ku endlele xo sungula leswaku u kota ku swi vona.



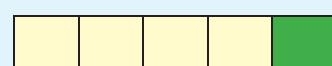
Bana xirhendzevutana eka xiharhi lexi nga eka xiyimo lexi eka rixaxa leri nga laha hansi.



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

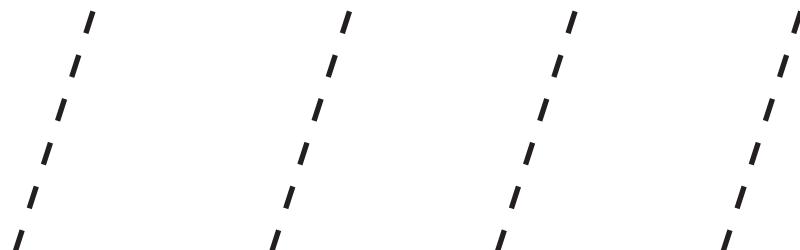
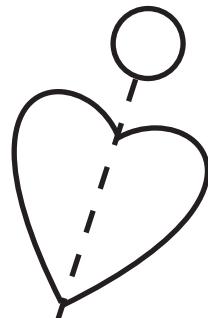
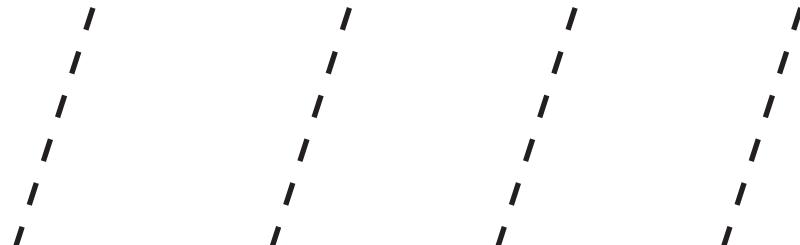
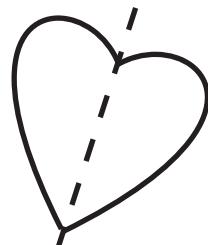
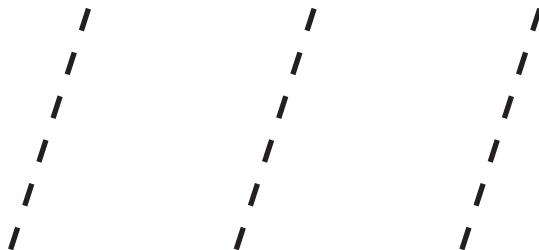
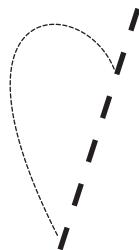
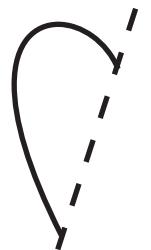
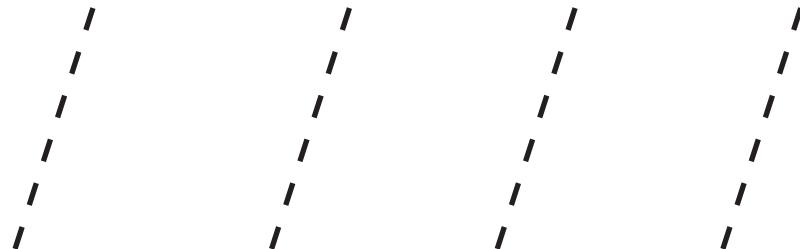
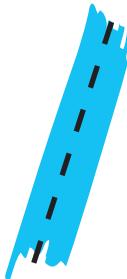


Bana xirhendzevutana eka xiharhi lexi nga eka xiyimo lexi eka rixaxa leri nga laha hansi.





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.



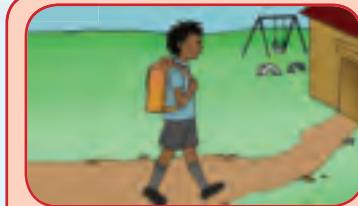
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Mpfuxeto: Nkarhi

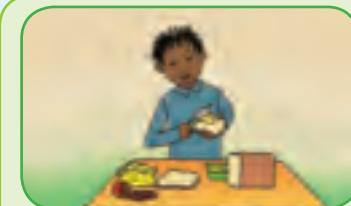
Languta swifaniso kutani u vula leswaku hi xihi lexi tekaka nkarhi wo leha (✓) na lexi tekaka nkarhi lowutsongo (✗). Gwajula (✓) lexi tekaka nkarhi wo leha. Bana xihambano (✗) eka lexi tekaka nkarhi lowutsongo.



Ku ya exikolweni
hi milenge.



Ku ya
exikolweni hi movha.



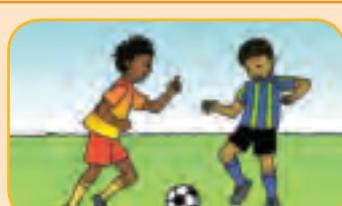
Ku endla
sangweji.



Ku baka khekhe.



Ku tirha
exikolweni.



Ku tlanga bolo
ya milenge.



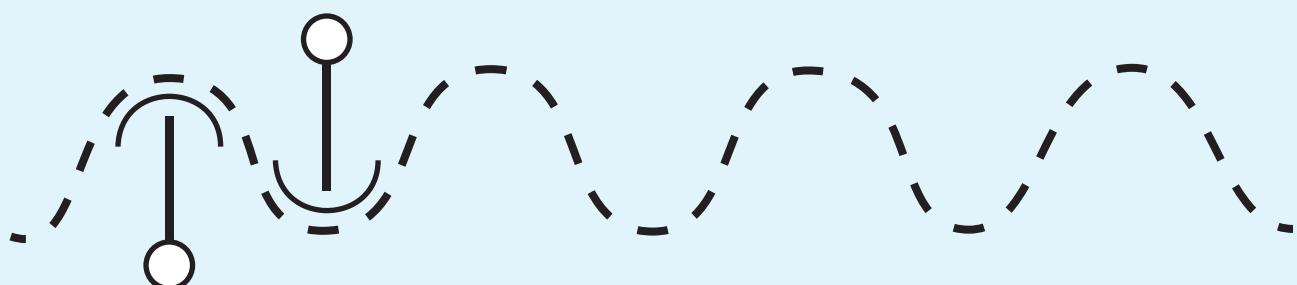
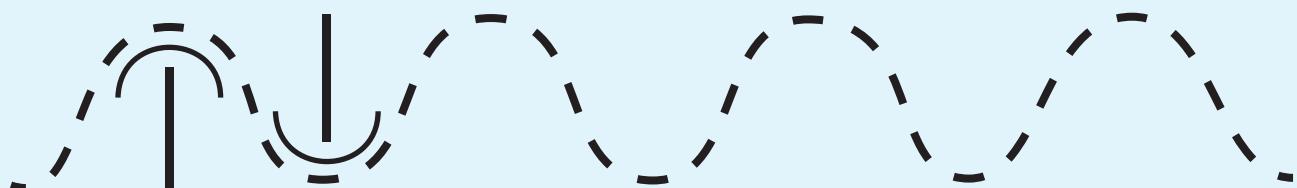
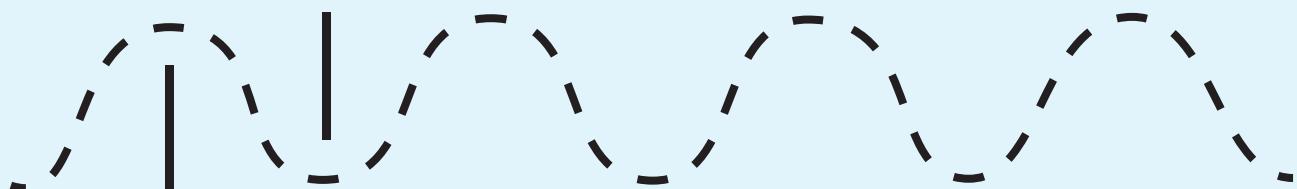
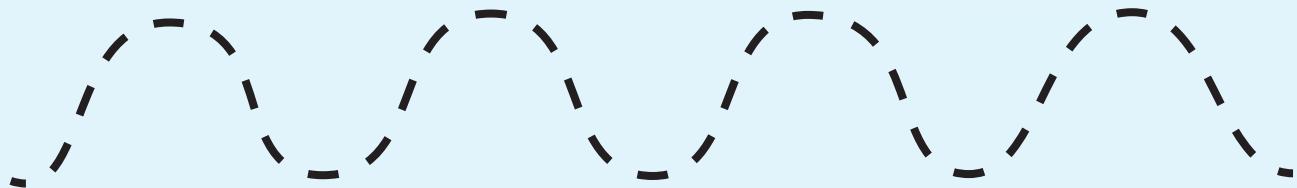
Ku penda yindlu.



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:
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Date:



q

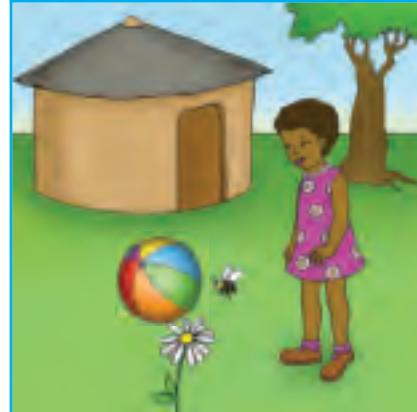
Kotara ya |



N'we

Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

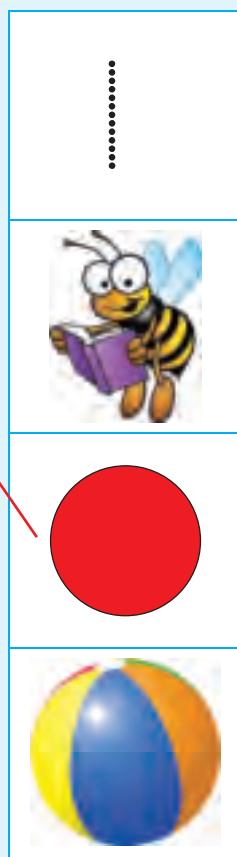
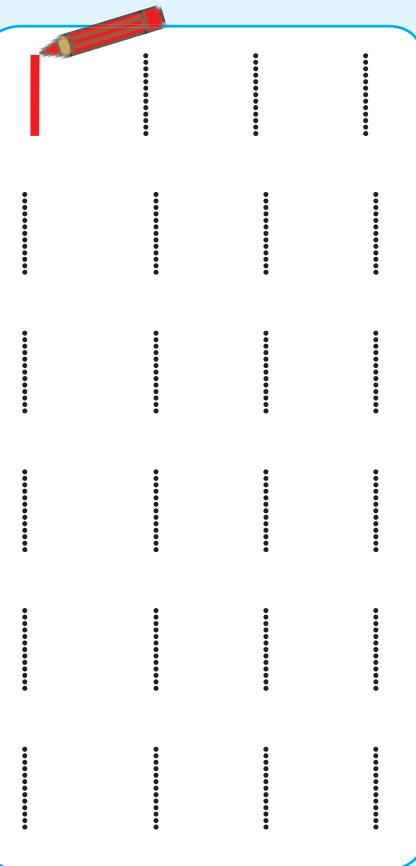
nyoxi yin' we
nhwanyana un' we
yindlu yin' we
bolo yin' we



Landzelerisa nomboro.

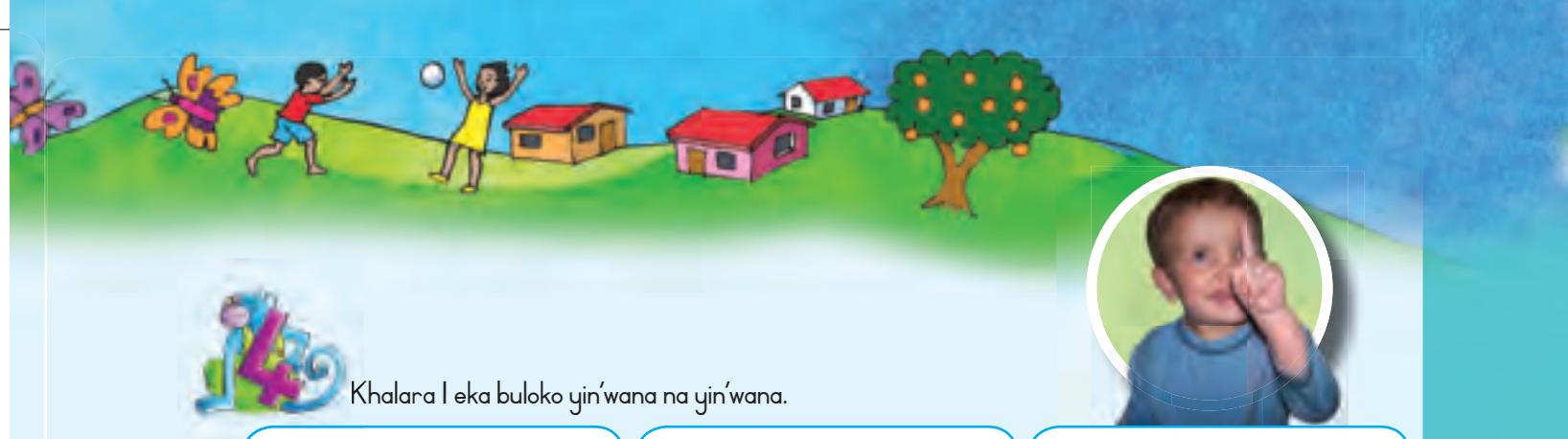


Yelanisa swifaniso.

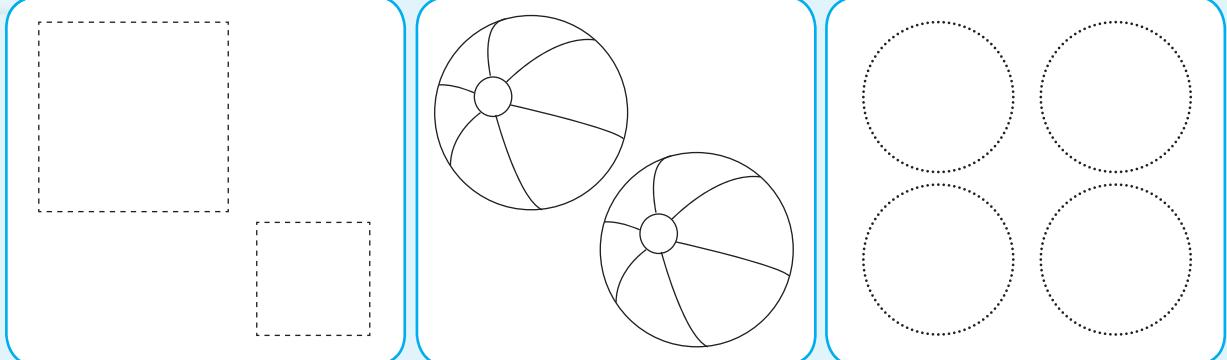


18

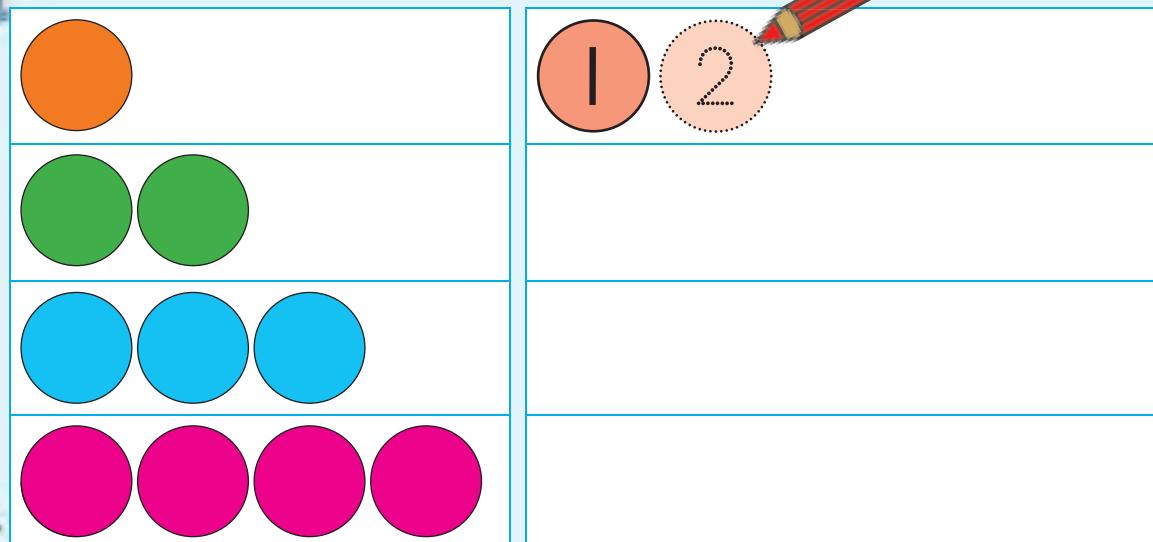
1 2 3 4 5 6 7 8 9 10



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



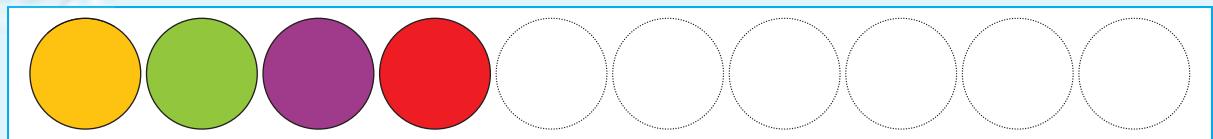
Kopunula u tlhela u dirowa l yin'wana.



Titolovete ku tsala nomboro.



Khalara swirhendzevutana loko u ri karhi u hlayela.



|| 12 13 14 15 16 17 18 19 20

Teacher:
Sign:
Date:



10

Kotara ya!



Mbirhi

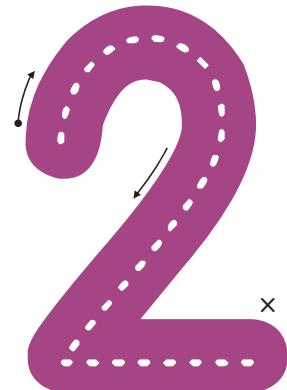
Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

Mirhi mimbirhi

Vafana vambirhi

Tikhayiti timbirhi

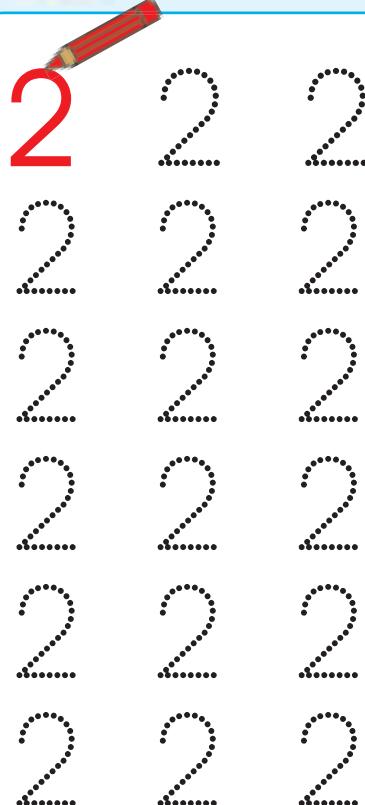
Timbyana timbirhi

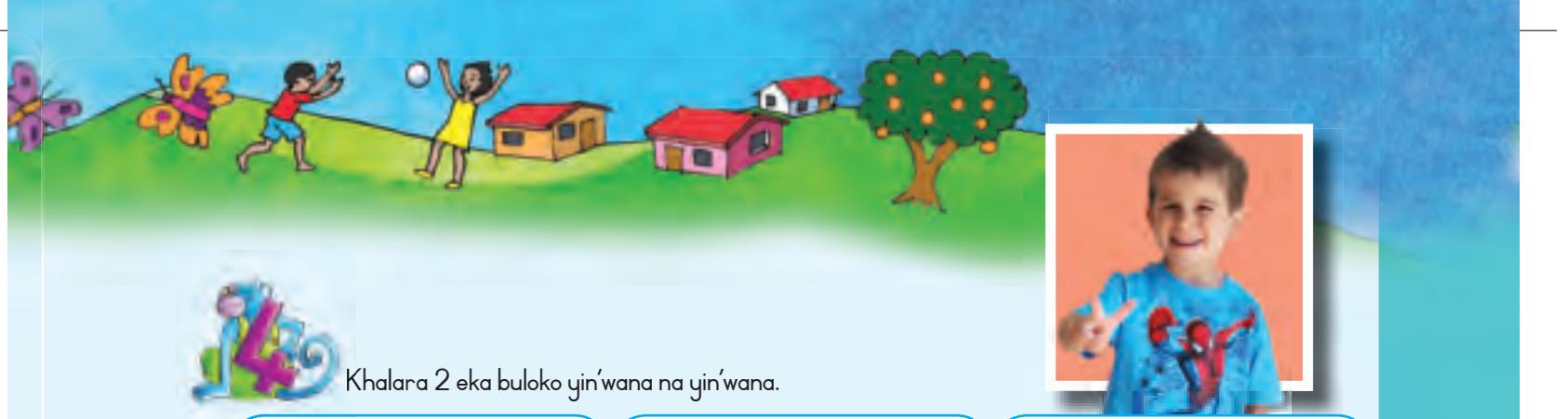


Landzelerisa nomboro.



Yelanisa swifaniso.

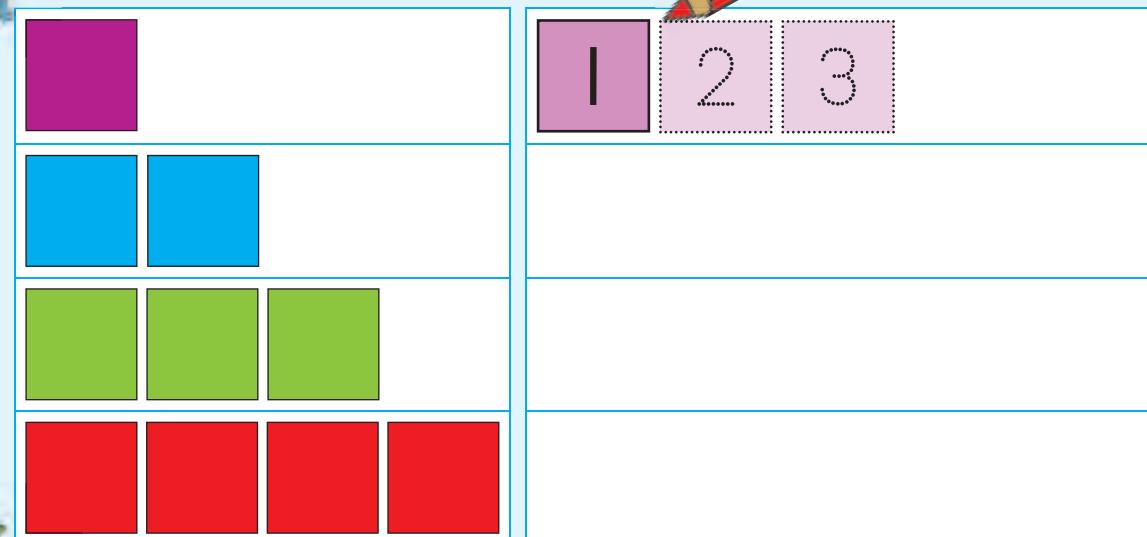




Khalara 2 eka buloko yin'wana na yin'wana.



Kopunula u tlhela u dirowa 2 tin'wana.



Titolovete ku tsala nomboro.



|| 12 13 14 15 16 17 18 19 20



Teacher:
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Date:



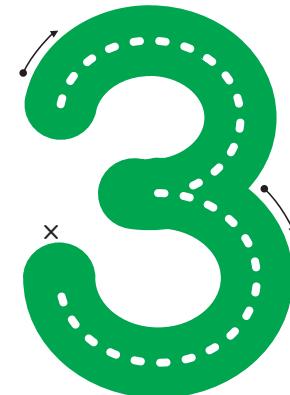
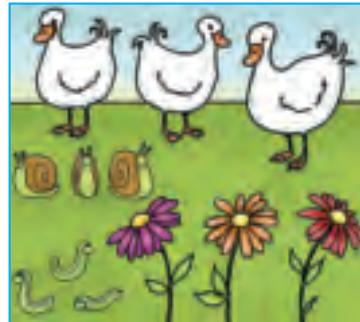
21



Nharhu

Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

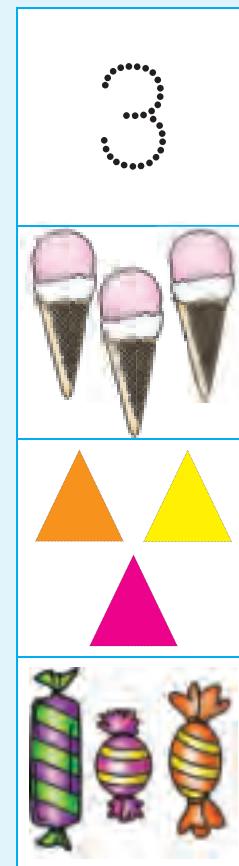
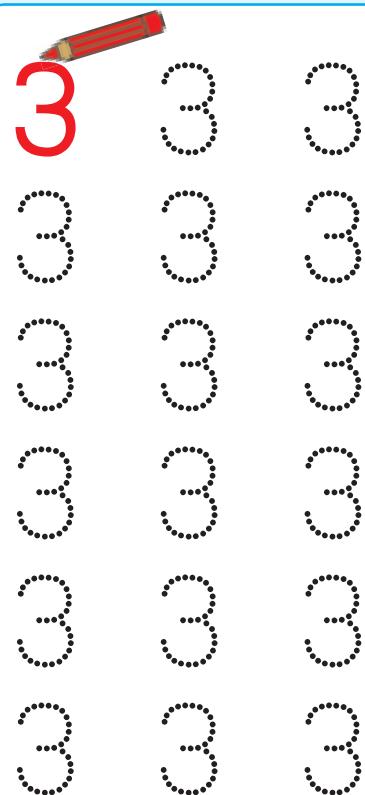
Masekwa manharhu
Tihumba tinharhu
Swiluva swinharrhu
Swivungu swinharrhu

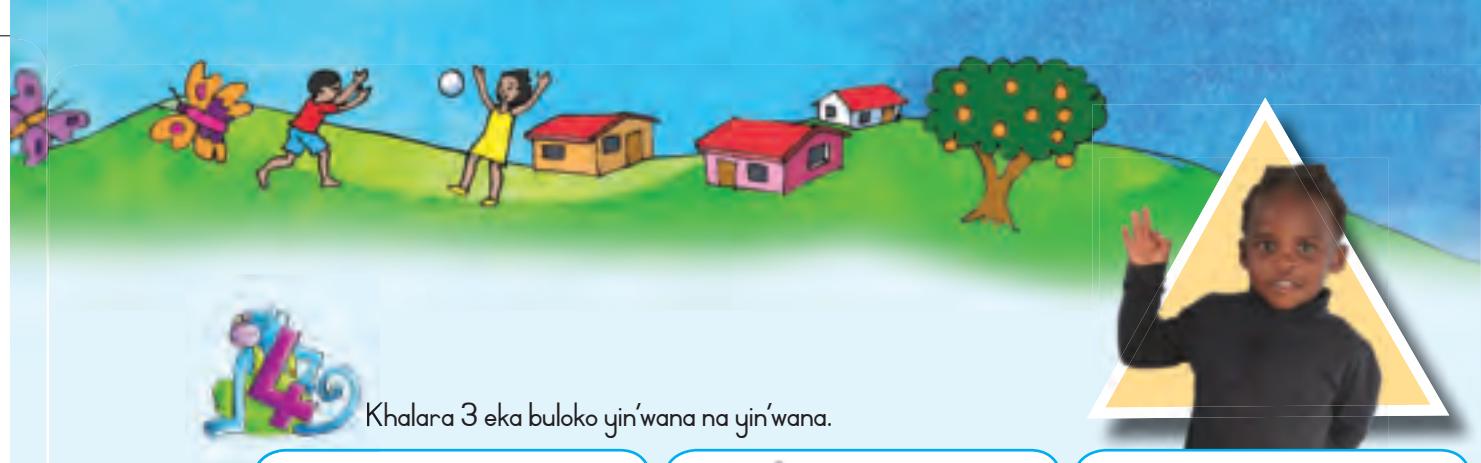


Landzelerisa nomboro.

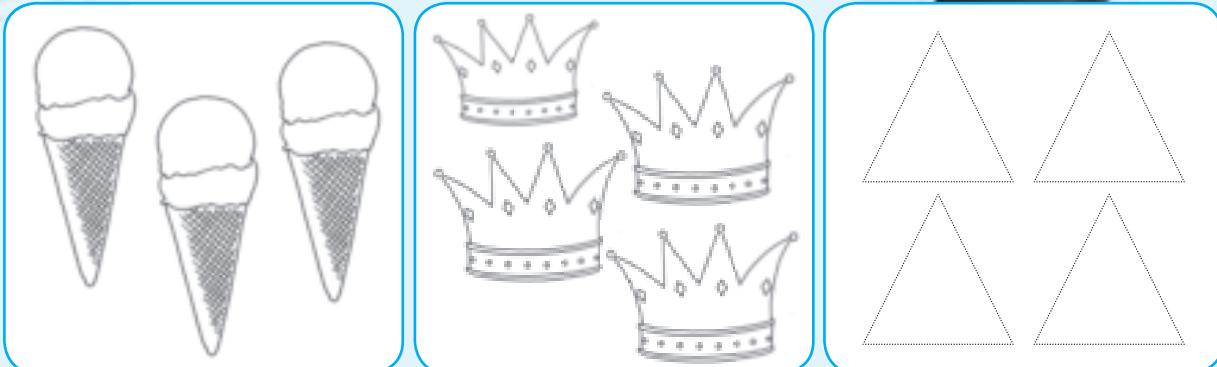


Yelanisa swifaniso.

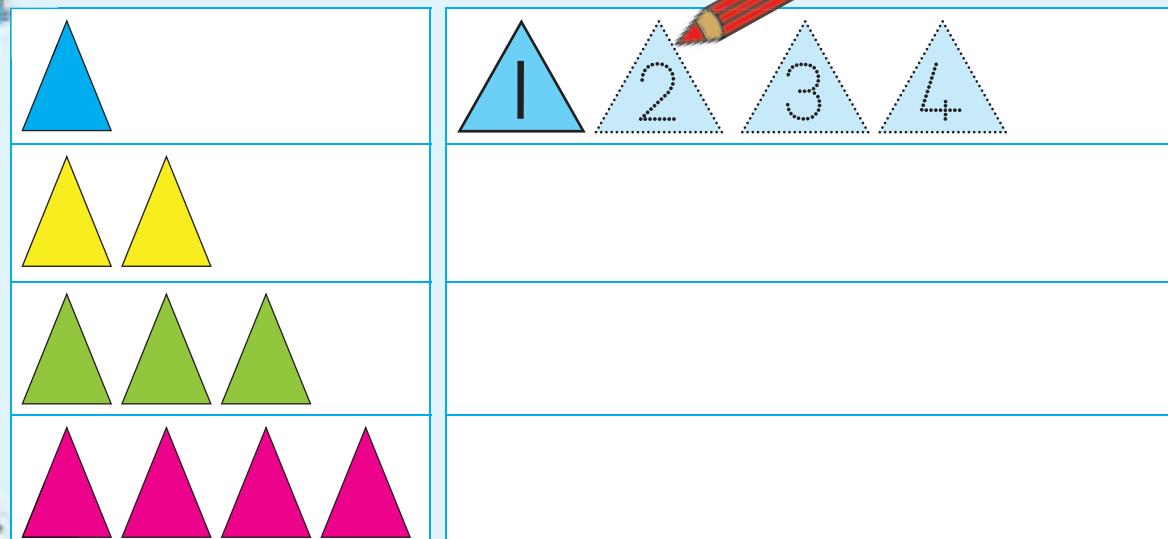




Khalara 3 eka buloko yin'wana na yin'wana.



Kopunula u tlhela u dirowa 3 tin'wana.



Titolovete ku tsala nomboro.

3

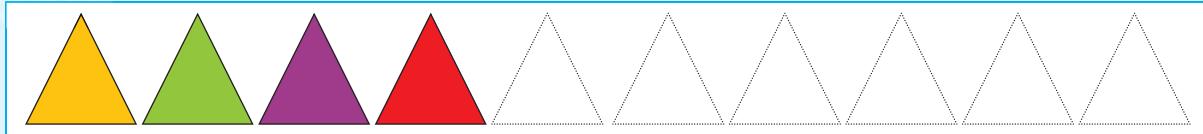
nharhu

3

3 3 3 3



Khalara tiyinhlanharhu loko u ri karhi u hlayela.



11

12

13

14

15

16

17

18

19

20

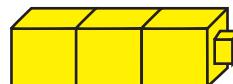
12a

Kotara ya |

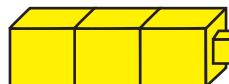
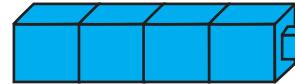
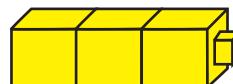


Ku leha na xiyimo

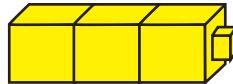
Gwajula (✓) xitimela xo koma swinene.



Gwajula (✓) xitimela xo leha swinene.

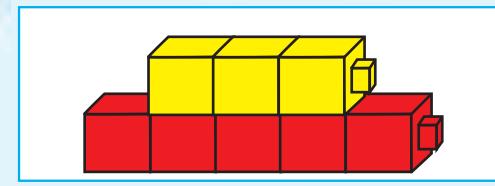


Dirowa xitimela xo lehanyana.





Khalara rito leri faneleke. Xitimela xo koma xi le:



mahlweni henhla ndzhaku



mahlweni henhla ndzhaku



mahlweni henhla ndzhaku



Dirowa xitimela xo leha.

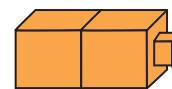
ehenhla



ekusuhi na



emahlweni



Teacher:
Sign:
Date:

12b

Kotara ya |



Khalara nhlamulo leyi faneleke.

Ku leha na ku koma



koma leha



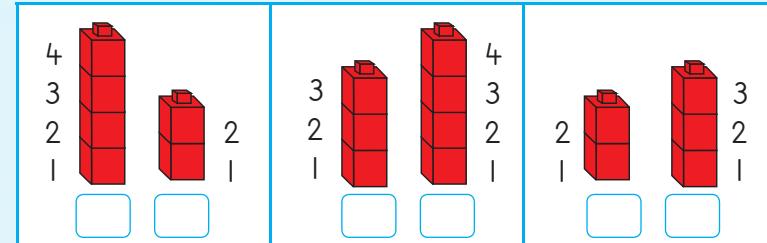
26

1 2 3 4 5 6 7 8 9 10

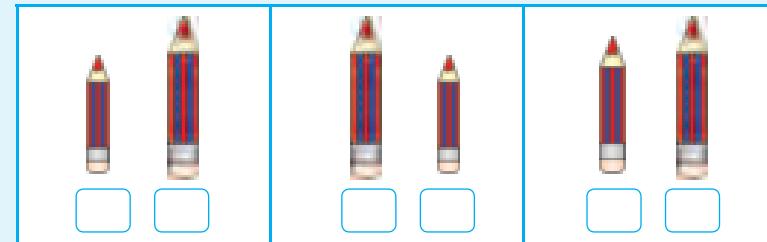


Gwajula nhlamulo leyi faneleke.

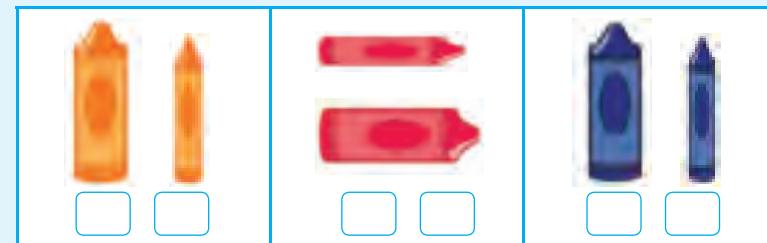
Gwajula buloko yo leha
swinene.



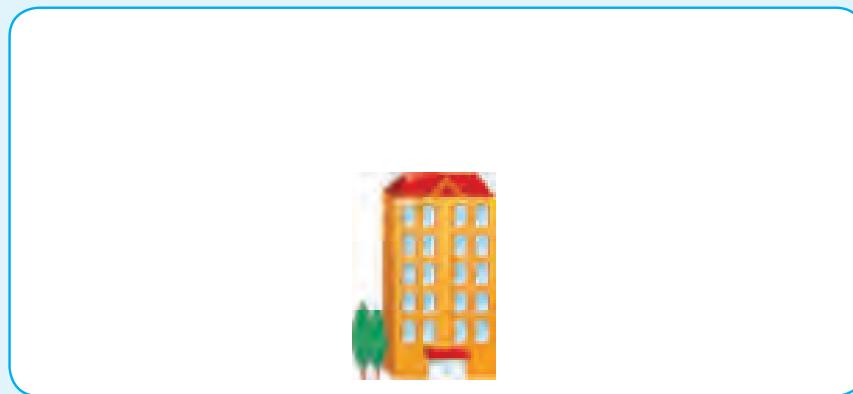
Gwajula penisele yo koma
swinene.



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:
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Date:



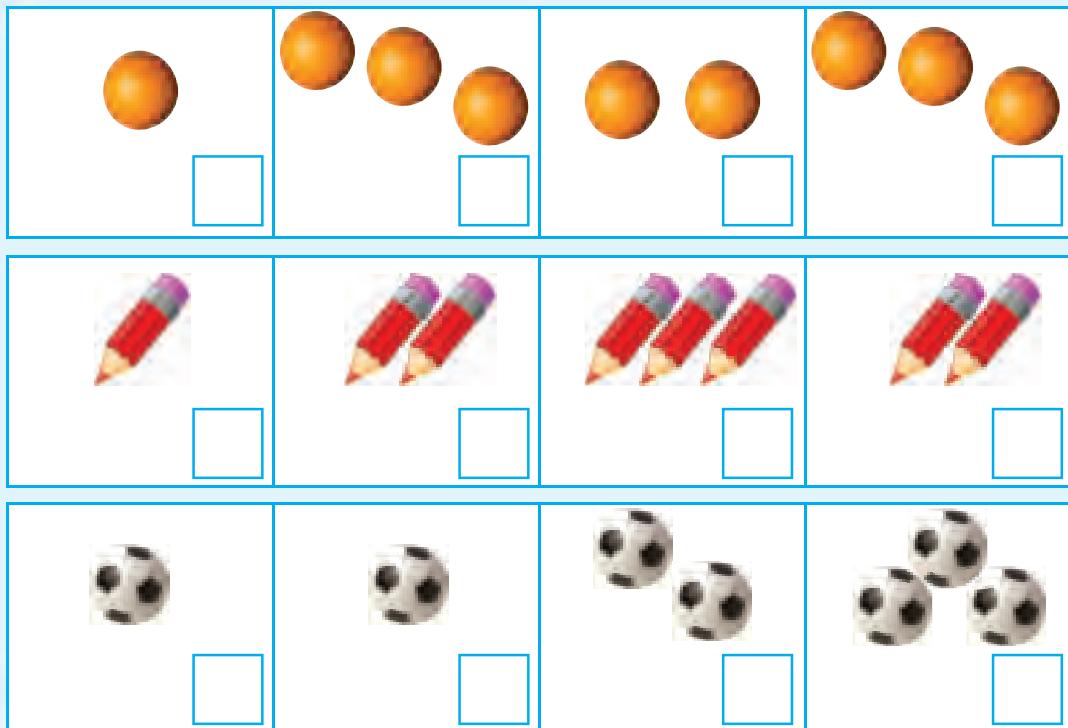
13

Kotara ya |

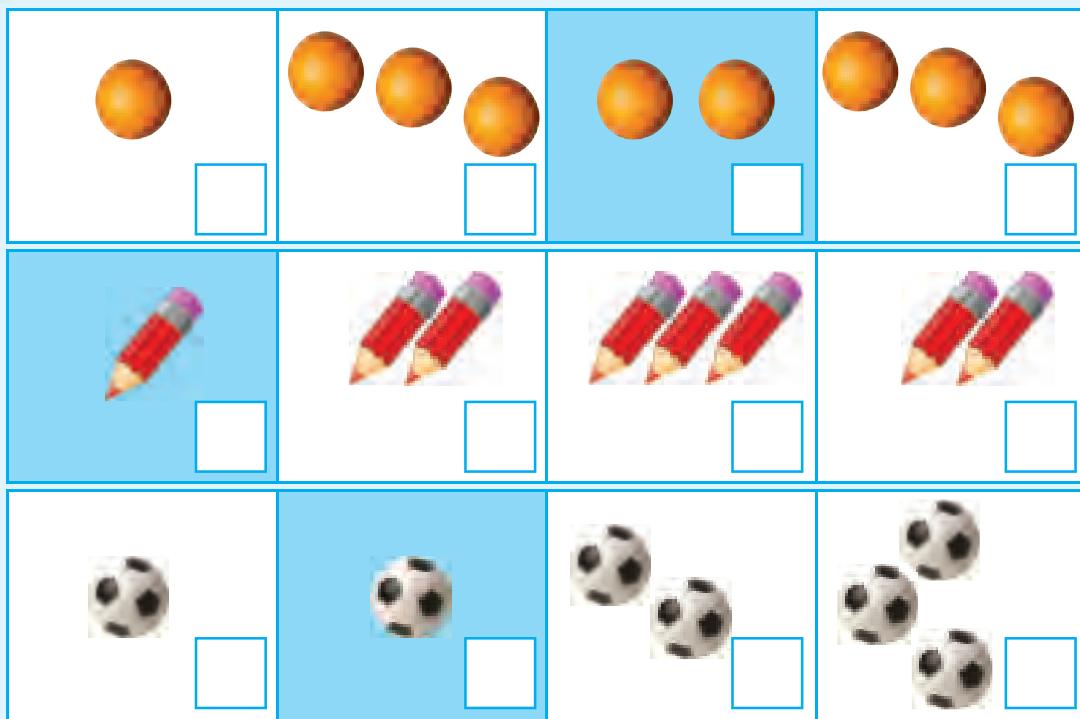


Ringanisa tinomboro ta 1-3

Gwajula tibuloko leti nga na nhlayo leyi ringanaka ya swilo.



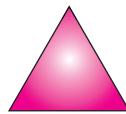
Gwajula buloko kumbe tibuloko leti nga na swilo swo tala ku tlula tibuloko leti dzwhatiweke.



28

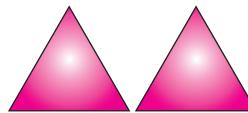
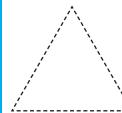


Kopunula no dirowa xivumbeko xin'wana xin'we etlhelweni ra xinene.

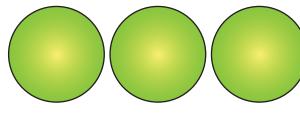


Dirowa swivumbeko leswi nga ehansi hi xin'we eka tlhelo ra voko ra xinene.



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:



14

Kotara ya |



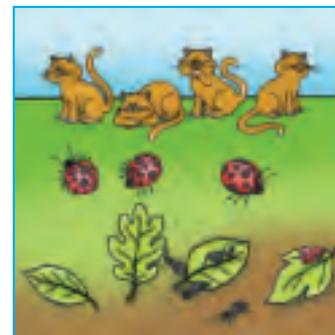
Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.



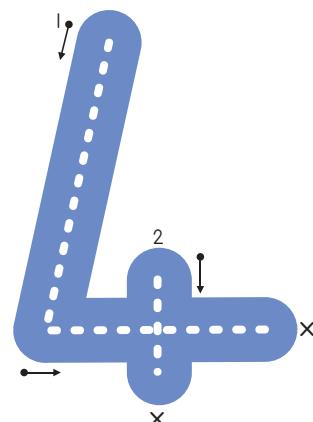
Mune



Swimanga swa mune



Masokoti ya mune



Matluka ya mune

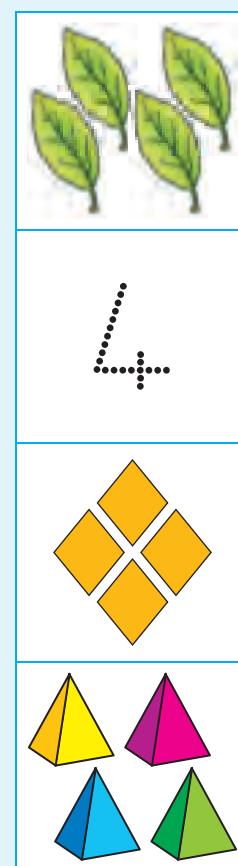
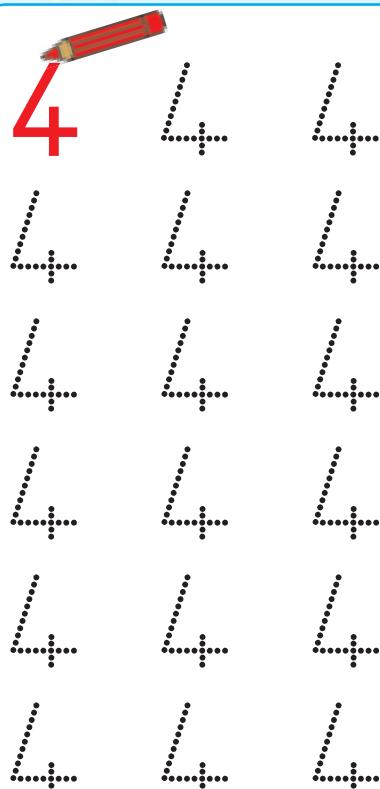
Swifufunhunu swa mune



Landzelerisa nomboro.

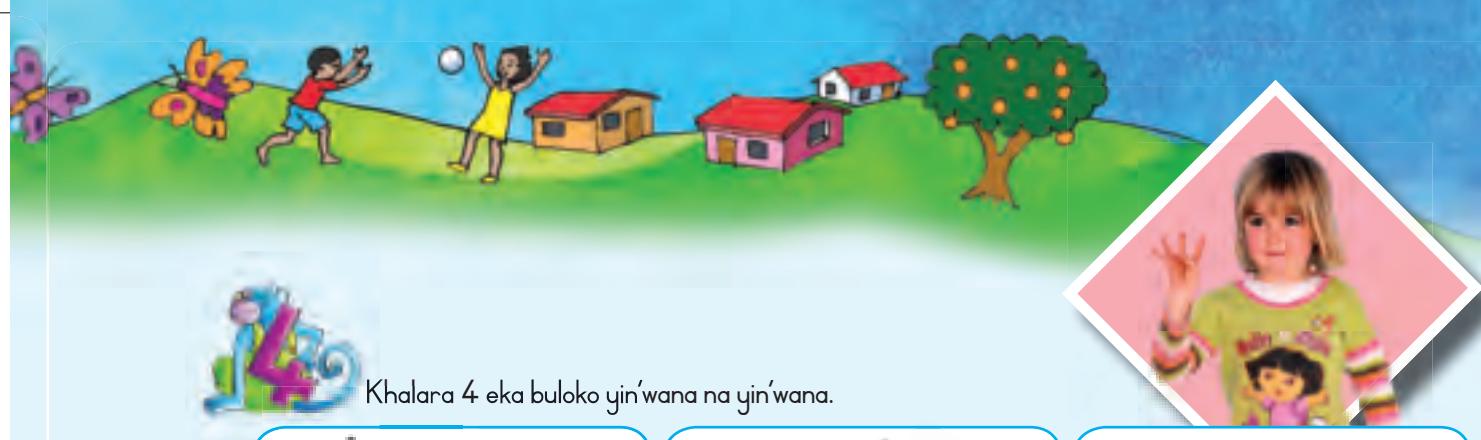


Yelanisa swifaniso.

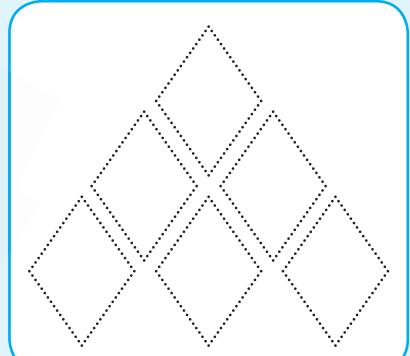
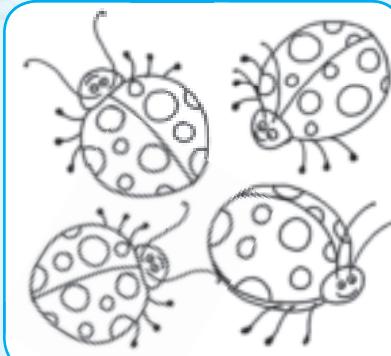


30

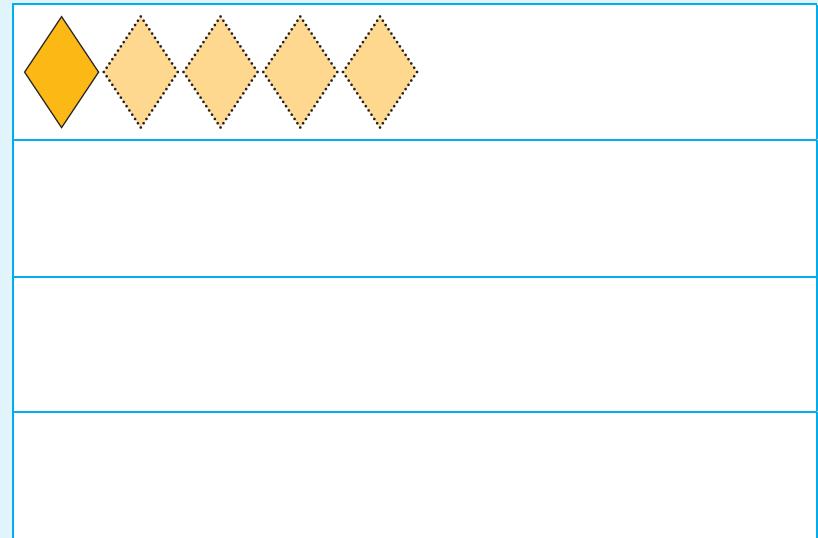
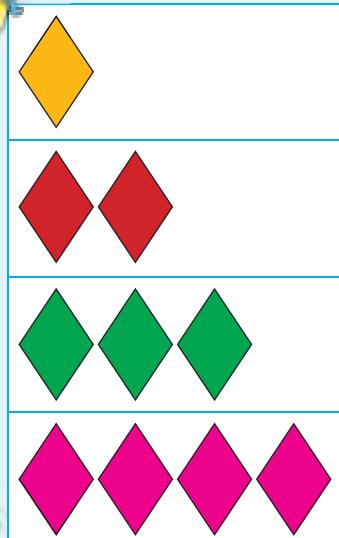
1 2 3 4 5 6 7 8 9 10



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



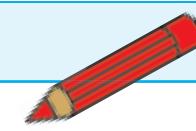
Kopunula no dirowa 4 wa swin'wana swivumbeko u tlhela u swi khalara.



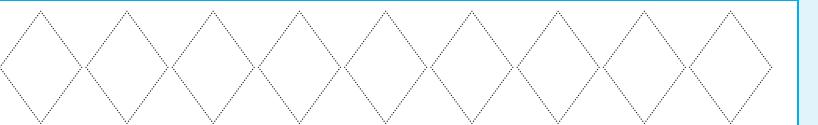
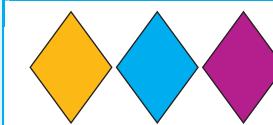
Titolovete ku tsala nomboro.



mune



Khalara swidayimani loko u ri karhi u hlayela.



Teacher:
Sign:

Date:

15

Kotara ya!



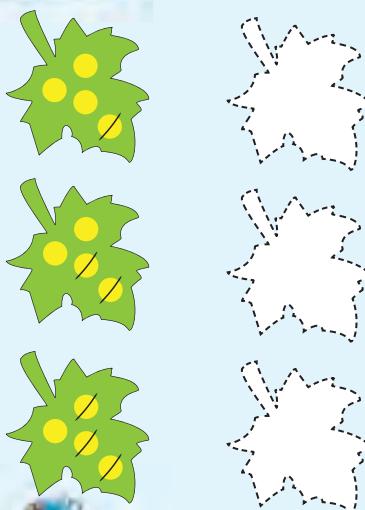
Ku hlanganisa no susa ku fika eka 4

Hetisa leswi landzelaka hi ku dirowa:

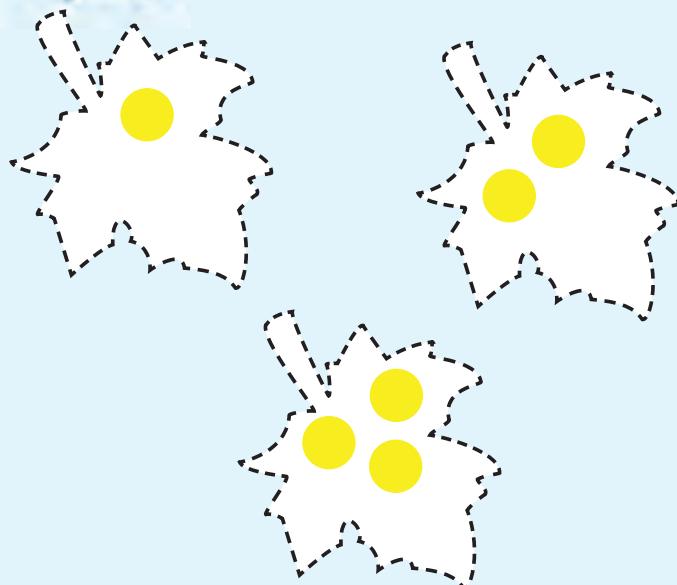
	na		swi endla	<input type="text"/>		na	<input type="text"/>	swi endla	
	na		swi endla	<input type="text"/>		na	<input type="text"/>	swi endla	
	na		swi endla	<input type="text"/>		na	<input type="text"/>	swi endla	



Ku sale swihlayelo
swingani? Swi
dirowe.



Dirowa swin'wana swihlayelo leswaku swi
endla 4.



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



1 na 2 swi endla

3



na



2 na 2 swi endla



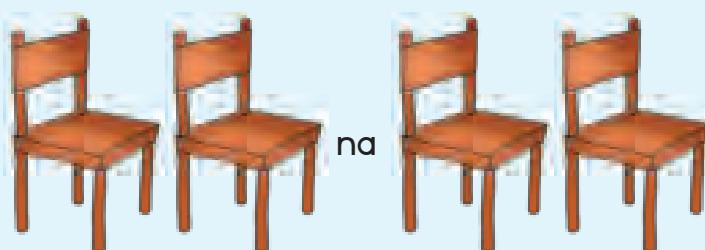
na

3 na | swi
endla



na

| na 3 swi
endla



na

2 na 2 swi endla



Teacher:
Sign:
Date:

16

Kotara ya |

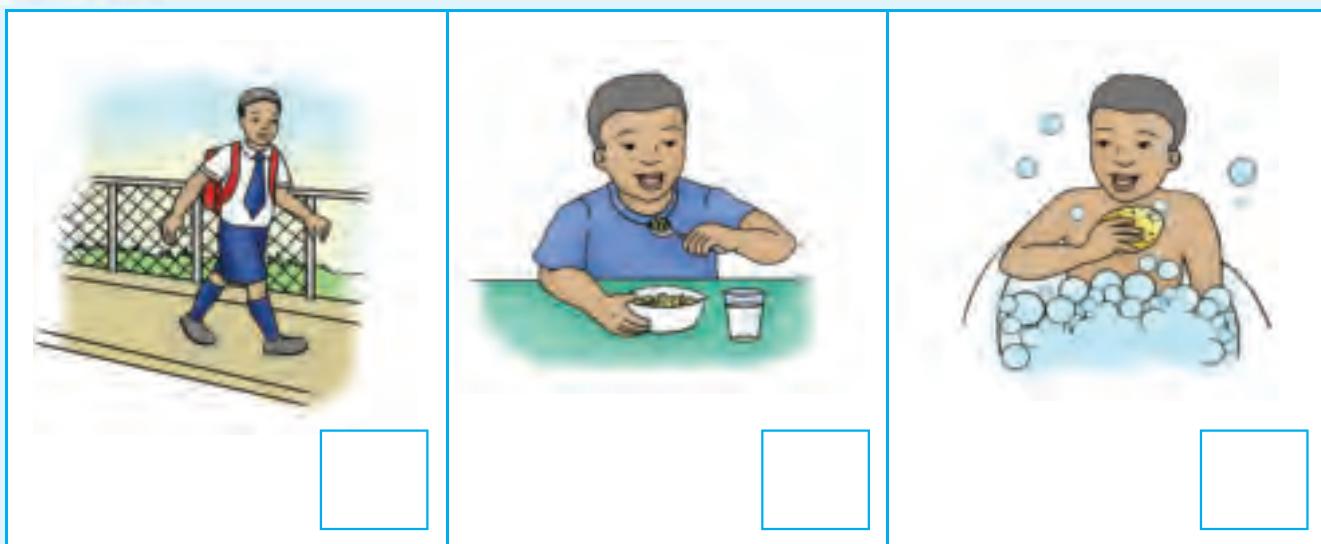


Nkarhi

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



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



1 2 3 4 1 2 3 4



34

1 2 3 4 5 6 7 8 9 10



Dirowa xanchumu:

a. lexi u xi endleke tolo



b. lexi u xi endleke namuntlha



c. lexi u nga ta xi endla mundzuku



Teacher:
Sign:

Date:



Ntlhanu



Hlayela swilo leswi nga exifanisweni. Landzelerisa vito ra nomboro.

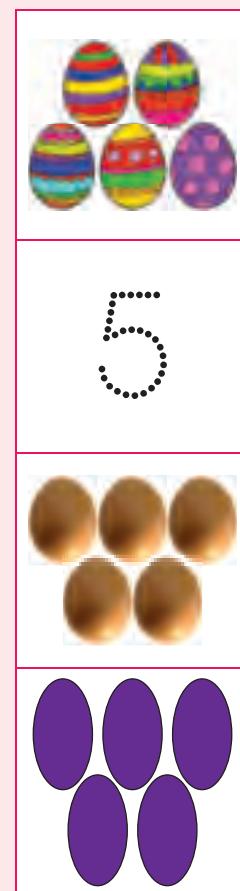
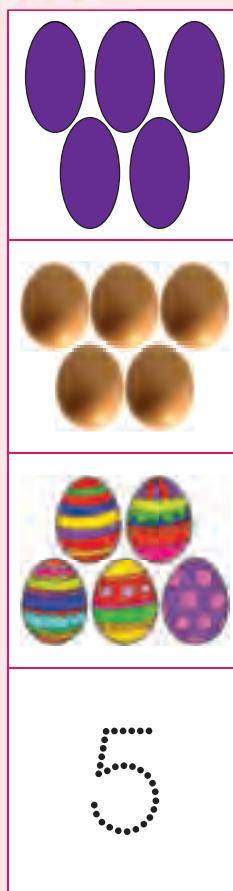
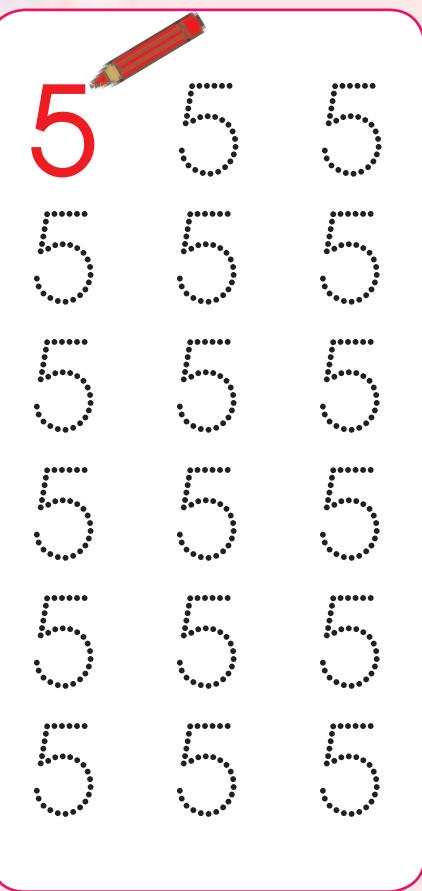
- Tithedi ta ntłhanu
- Swiwitsi swa ntłhanu
- Tinyeleti ta ntłhanu
- Switirayipi swa ntłhanu

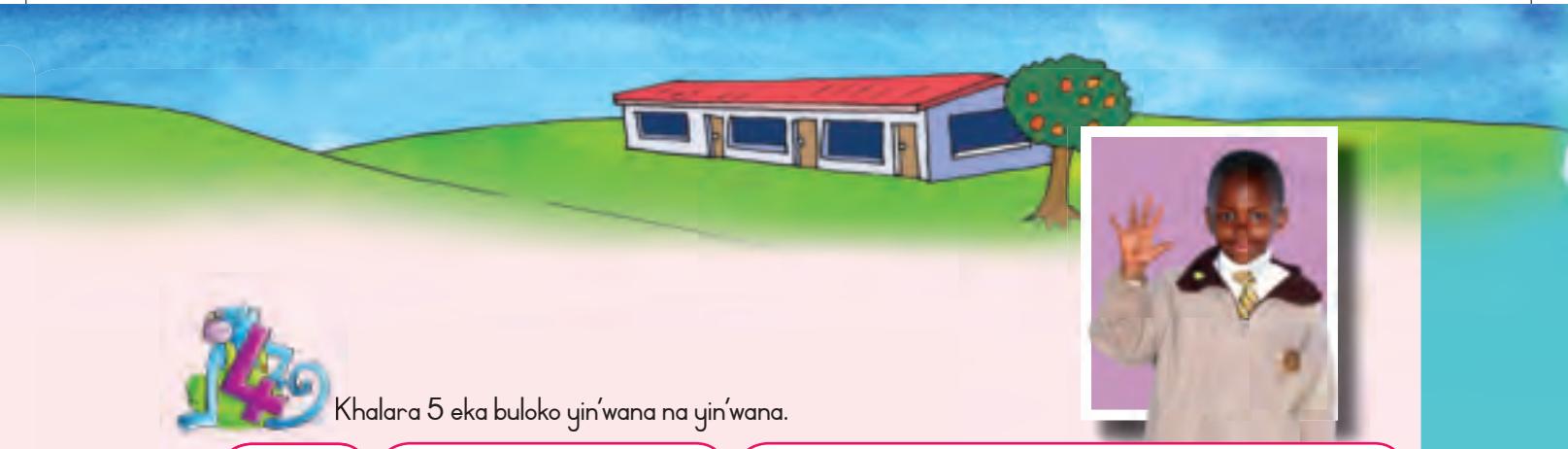


Landzelerisa nomboro.

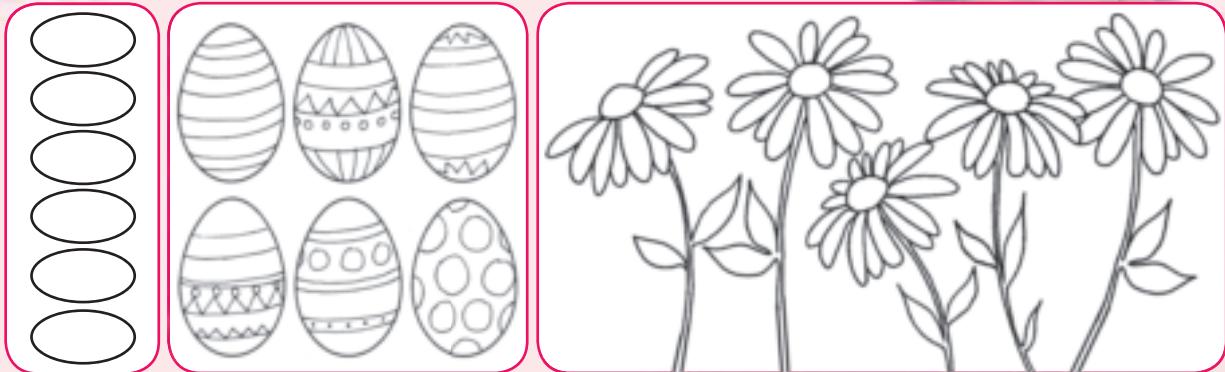


Yelanisa swifaniso.

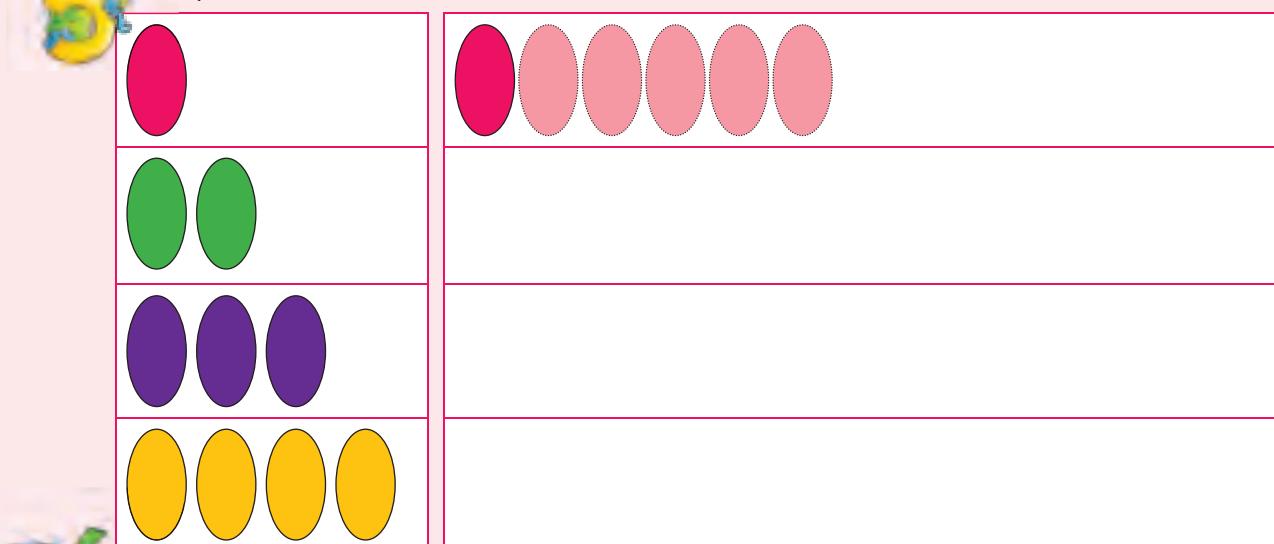




Khalara 5 eka buloko yin'wana na yin'wana.



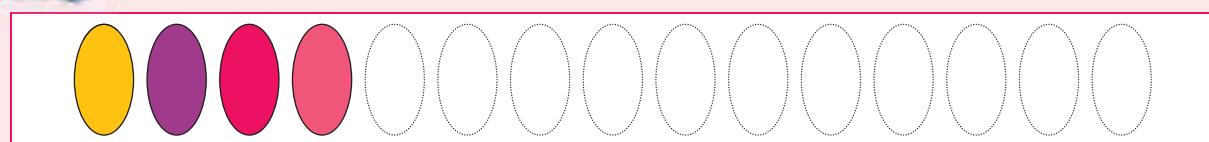
Kopunula kutani u dirowa swin'wana swa 5.



Titolovete ku tsala nomboro.



Khalara vutandza loko u ri karhi u hlayela.



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

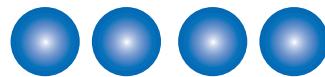
Kotara ya!



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



2

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	



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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



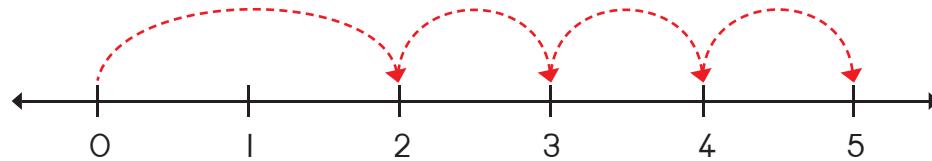
5 hi susa 2





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



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Kotara ya |

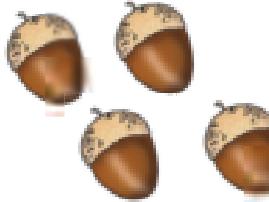


Hlanganisa no susa ku fika eka 5

Hetisa leswi landzelaka:



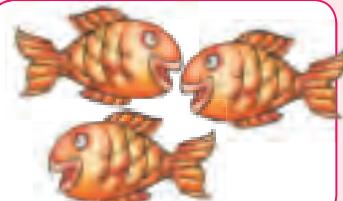
na



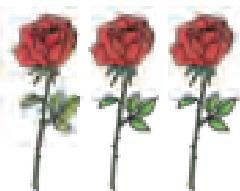
swi ndzi nyike



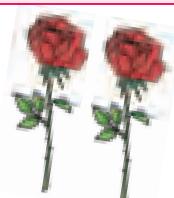
na



swi ndzi nyike



na



swi ndzi nyike



Hetisa leswi landzelaka:



na



ndzi nyike



na



ndzi nyike



na



ndzi nyike

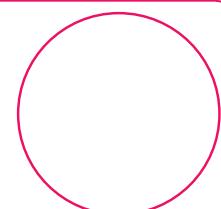
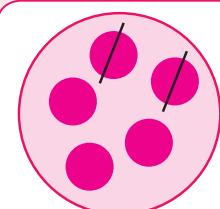
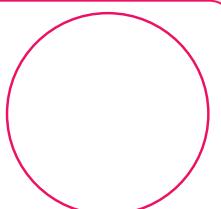
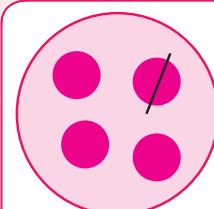




Dirowa maqpula man'wana leswaku ya va 5.



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?



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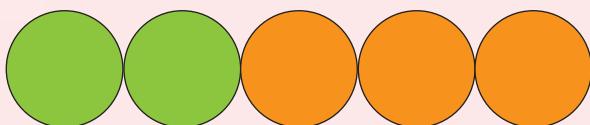
19

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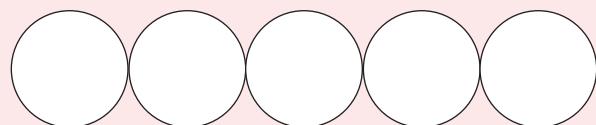
Ku hlanganisa na ku susa | ku fika eka 5



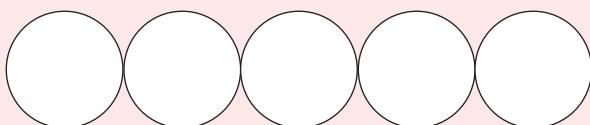
Khalara vuhlalu ku kombisa leswaku:



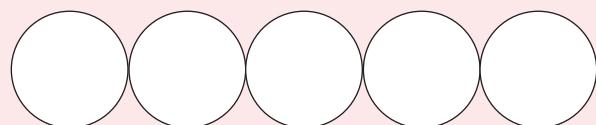
2 na 3 i 5



1 na 4 i 5



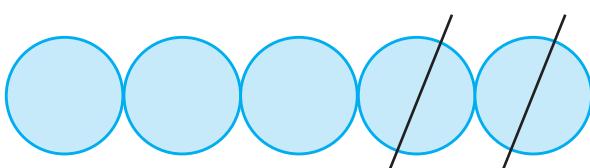
3 na 2 i 5



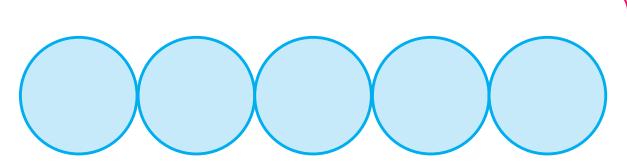
4 na 1 i 5



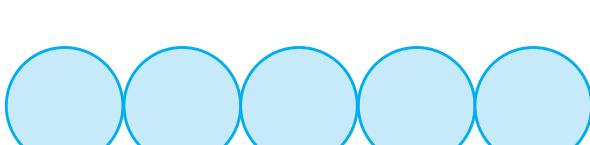
Bana ntla ehenhla ka vuhlalu ku kombisa leswaku:



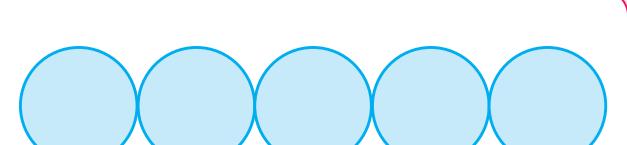
5 susa 2 i 3



5 susa 1 i 4



5 susa 3 i 2



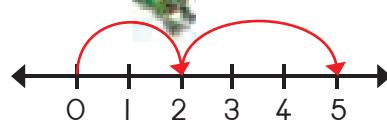
5 susa 4 i 1



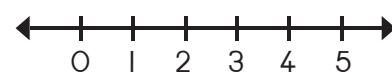
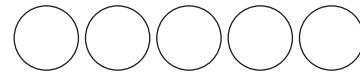


Khalara vuhlalu. Pfuna chela ku swi kombisa eka ndzhati wa mitsengo.

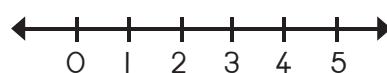
2 na 3 i



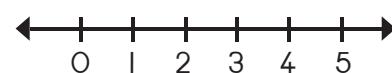
3 na 2 i



1 na 4 i

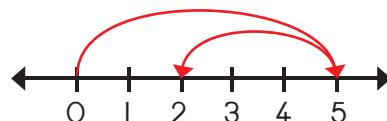


4 na 1 i

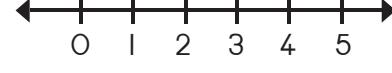


Bana ntila ehenhla ka vuhlalu lebyi u byi suseke kutani u kombisa eka ndzhati wa mitsengo.

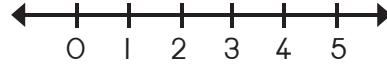
5 susa 3



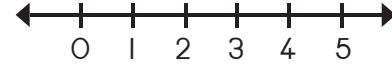
5 susa 2



5 susa 1



5 susa 4



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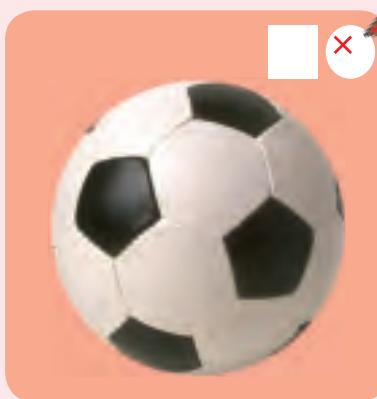
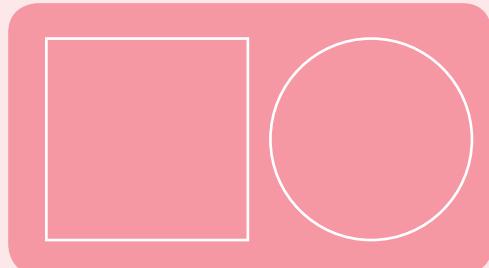
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47



Tibolo na mabokisi

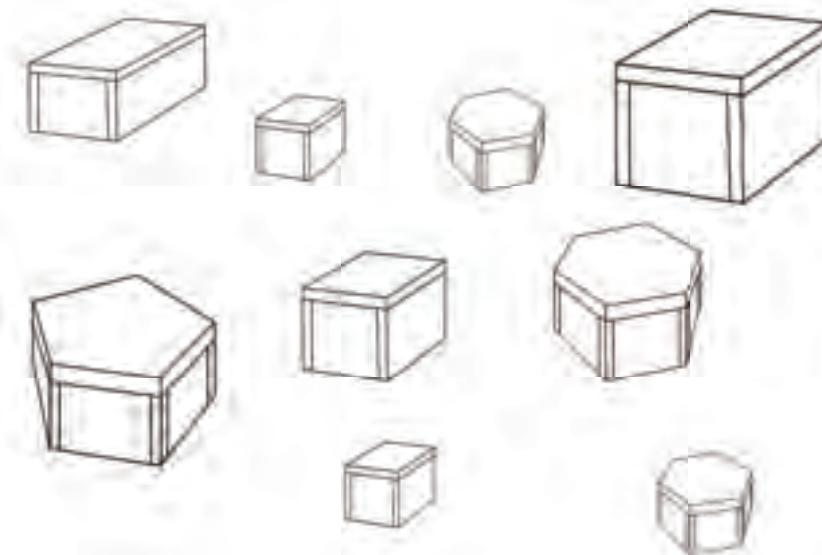
Hi xahi lexi fanaka na mabokisi?
Hi xahi lexi fanaka na tibolo?
Hi xahi lexi khungulukaka naswona hi xahi lexi rhetaka?





Khalara hinkwaswo:

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



Landzelerisa marito.

bokisi

bolo

24a

Kotara ya |

Ximatsi na xinene



voko ra
ximatsi

voko ra
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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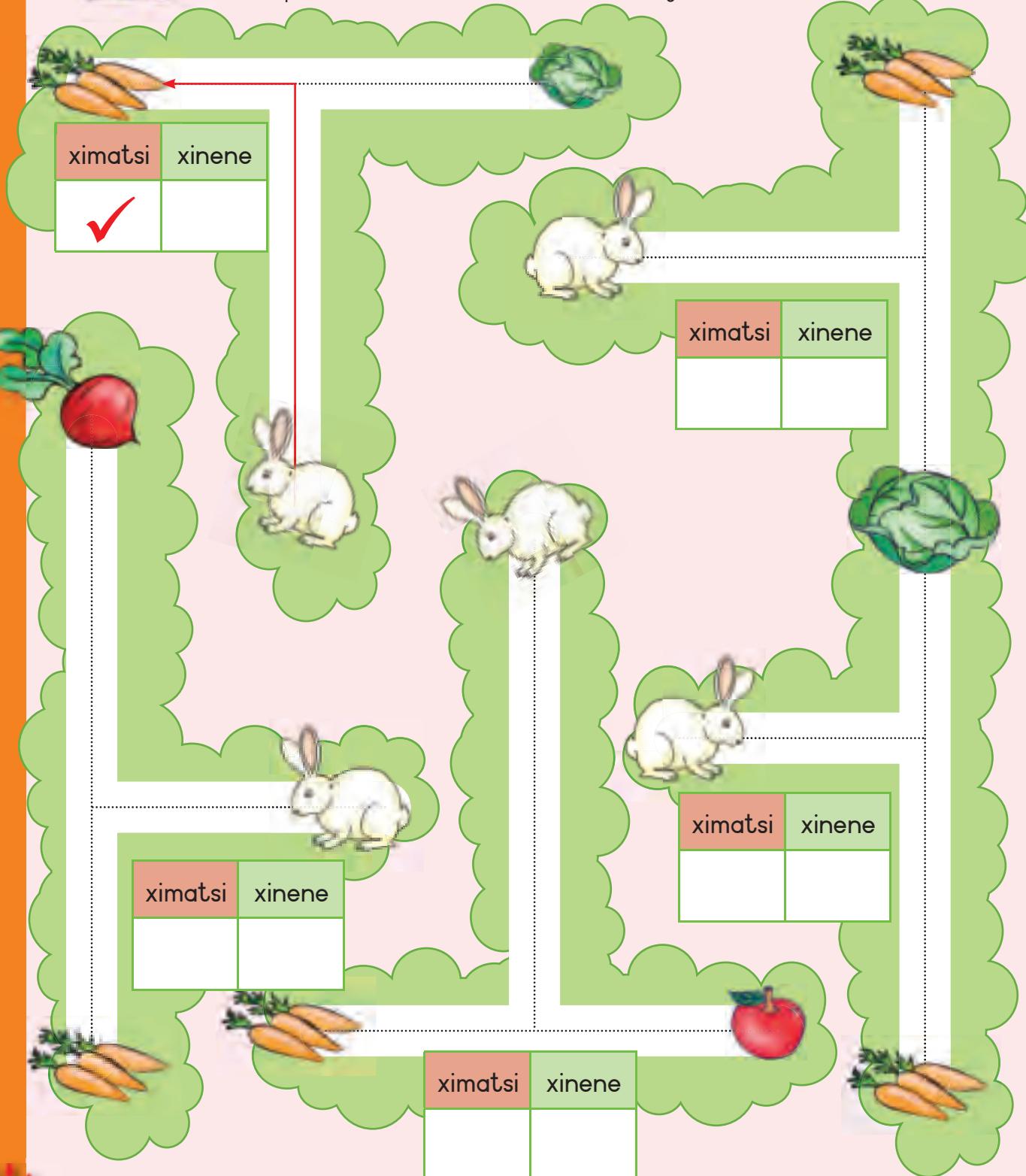
51

24b

Kotara ya |

Matlhelo

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





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

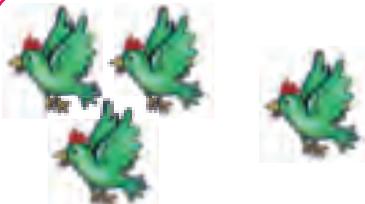
Tsala tinomboro leti faneleke eka buloko yin'wana na yin'wana.



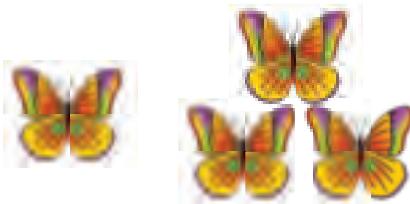
2 na 1 i 3



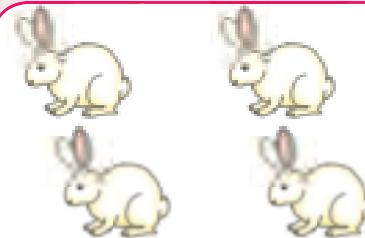
na i



na i



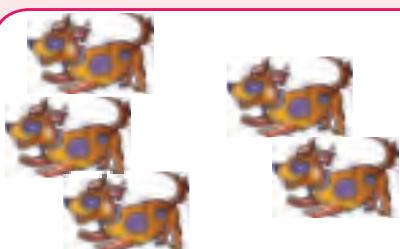
na i



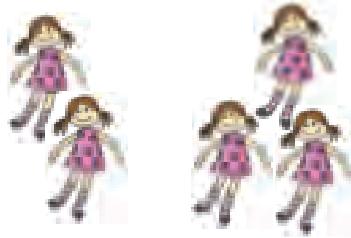
na i



na i



na i

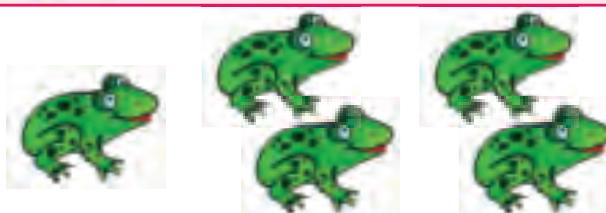


na i





Sweswi ringeta leswi.



na na i



na na i



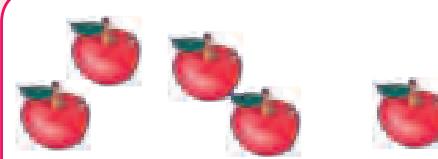
na na i



na na i



na na i



na na i



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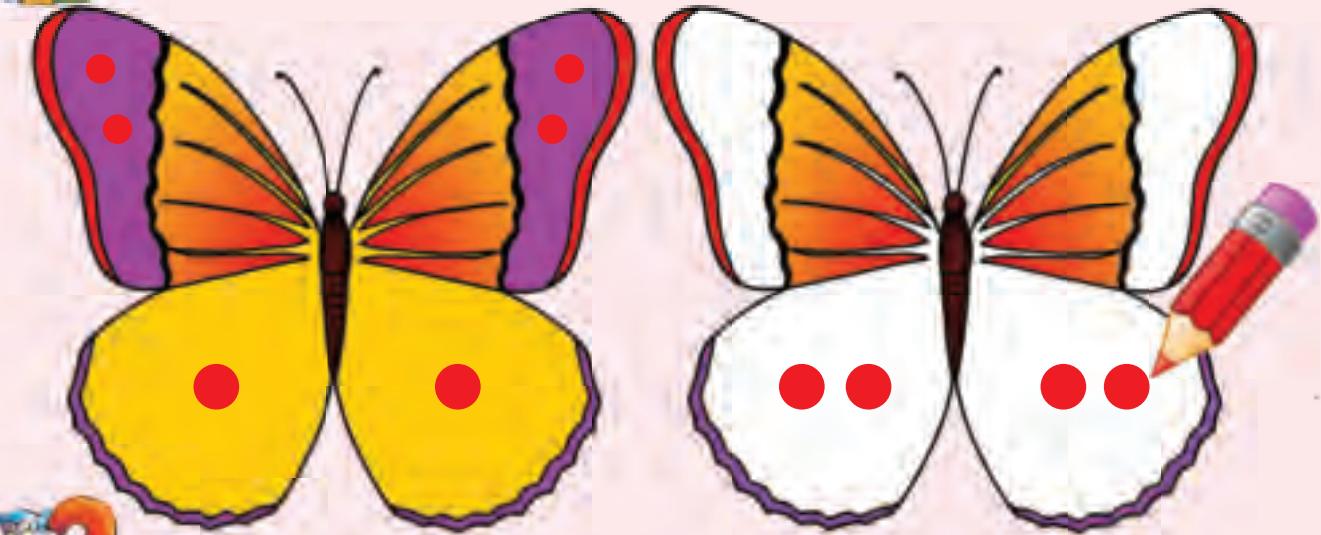
26

Kotara ya!

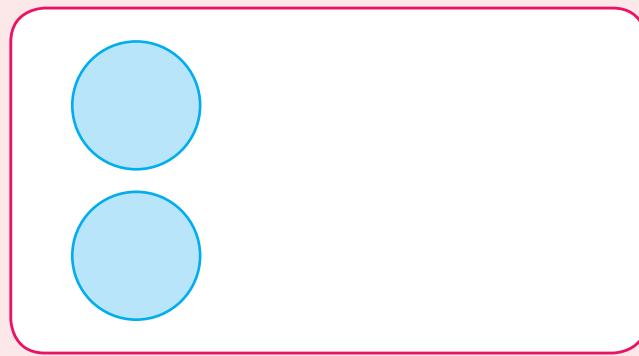
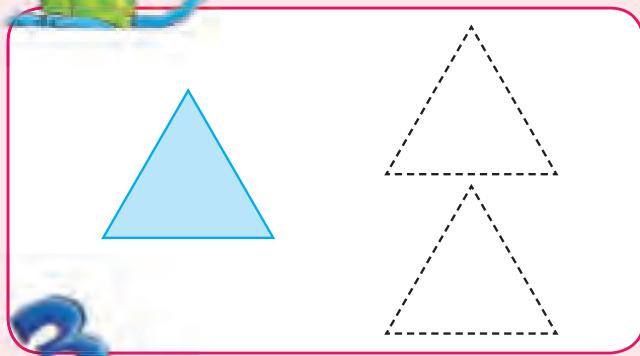


Ku hlanganisa tinomboro to vuyeleriwa kambirhi

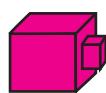
Andzisa kambirhi mathonsi etimpapeni.



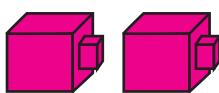
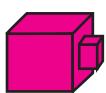
Andzisa kambirhi swivumbeko.



Dirowa kutani u tata tinomboro.



Kambirhi i



Kambirhi i



Kambirhi



i

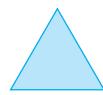


Kambirhi i





Dirowa kutani u tata tinomboro.



Kambirhi i

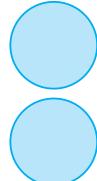


1

Kambirhi i 2

1

hlanganisa na 1 i 1



Kambirhi i



1

Kambirhi i 2

1

hlanganisa na 1 i 1

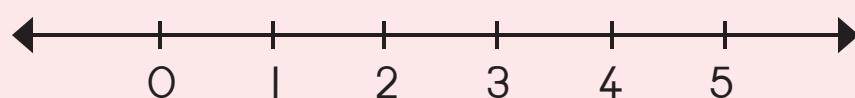


Kombisa leswi landzelaka eka ndzhati wa mintsengo.

1 kambirhi i



2 kambirhi i



Teacher:
Sign:

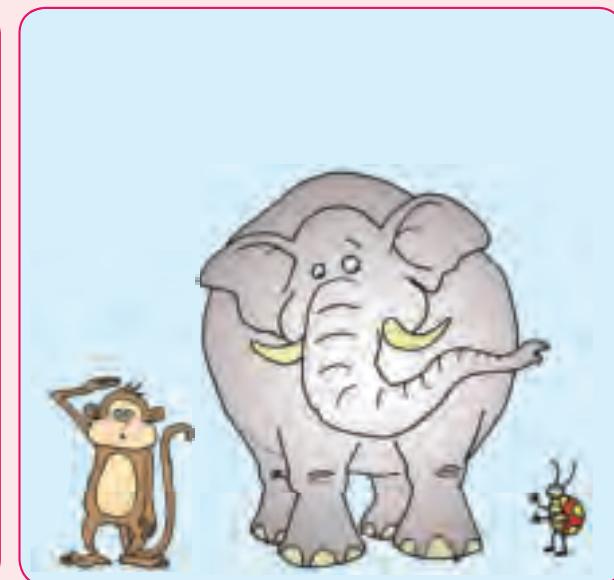
Date:



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	lextsono
----------	----------

lexikulu
swinene

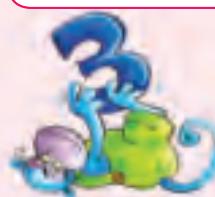
lextsono
swinene



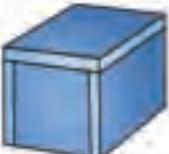
Dirowa bolo leyikulu.



Dirowa bolo
leyitsongo.



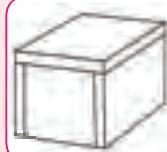
Dirowa bokisi
leritsongo.



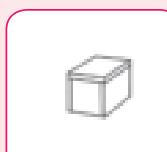
Dirowa bokisi
lerikulu.



Khalara bokisi leritsongo swinene na bolo leyitsongo swinene.



Khalara bokisi lerikulu swinene na bolo leyikulu swinene.



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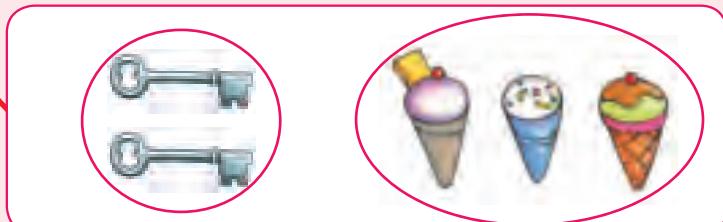
20

59

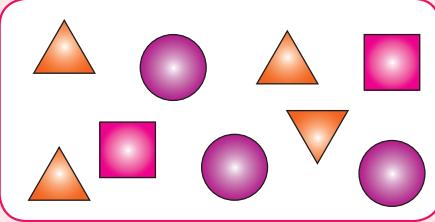
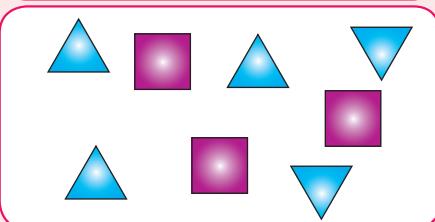
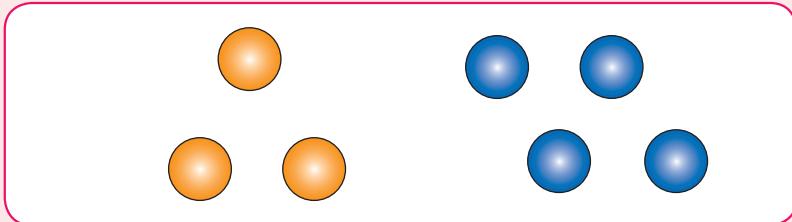
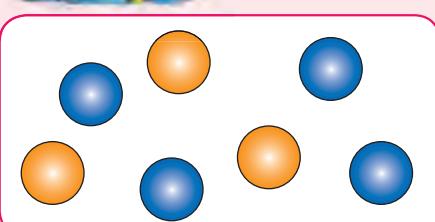


Hlawula swilo

Yelanisa swilo leswi nga hlawuriwa na xifaniso.

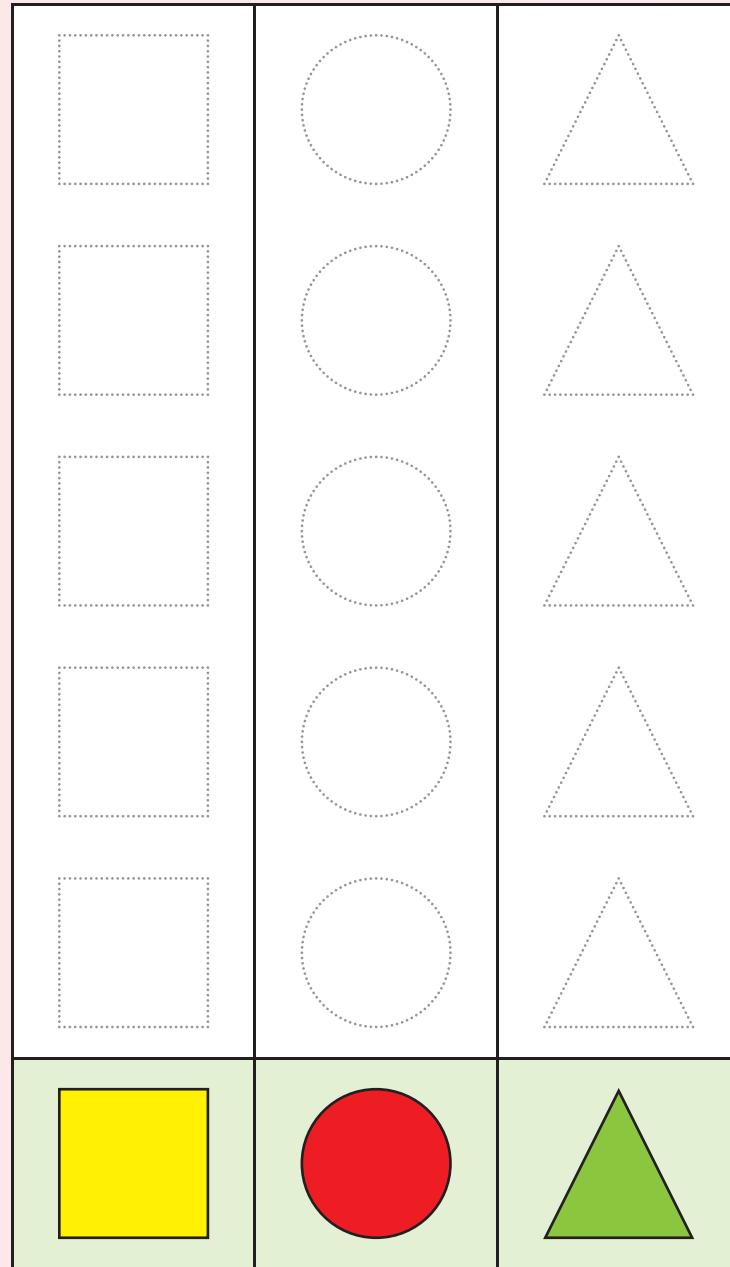
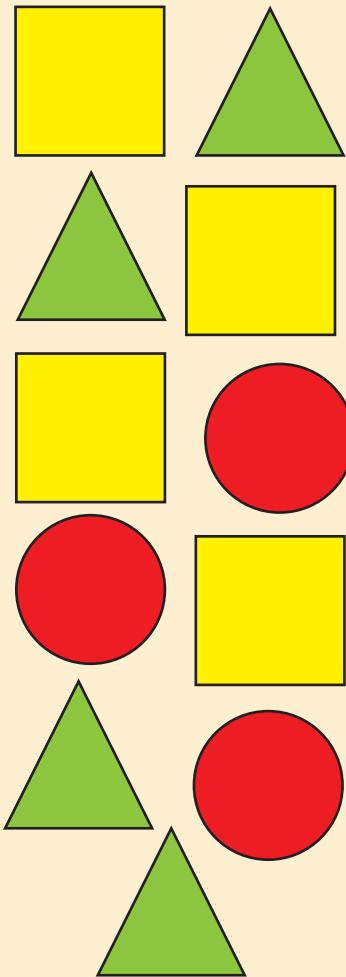


Hlawula hi ku endla xifaniso xa xin'wana na xin'wana.





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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Kotara ya!

A hi avelane hi ku ringana

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



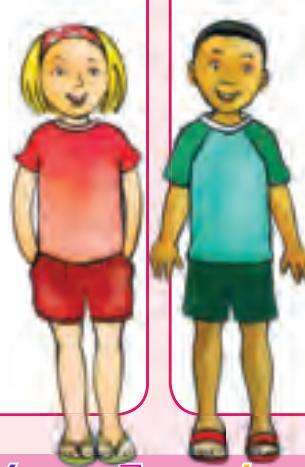
4

wa malamula

□ wa mabanana

□ wa maapula

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





Avanyisa nt lava eka bokisi ro sungula hi mbirhi. Dirowa mint lava mimbirhi eka mabokisi yo hambana.



$$\boxed{4} =$$

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



$$\boxed{} =$$

$$+$$

$$\boxed{}$$



$$\boxed{} =$$

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



Teacher:
Sign:

Date:



Ku avelana hi ku ringana

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

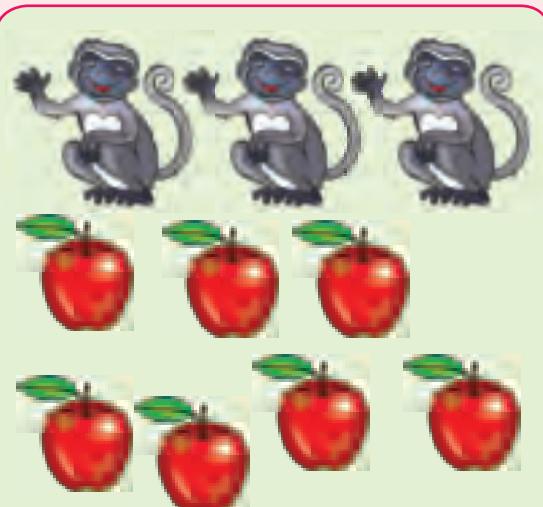


Xana mfenhe yin'wana
na yin'wana yi kumile
mabanana mangani?

3

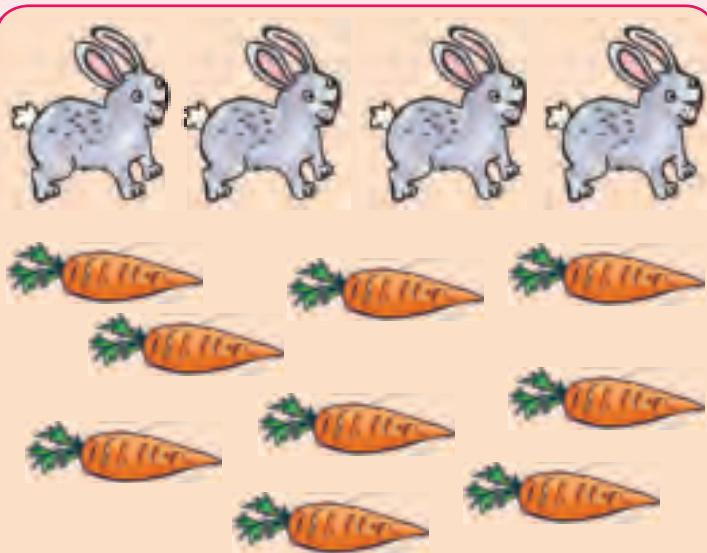


Xana mpfundla wun'wana na wun'wana
wu kumile makheroti mangani?



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

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



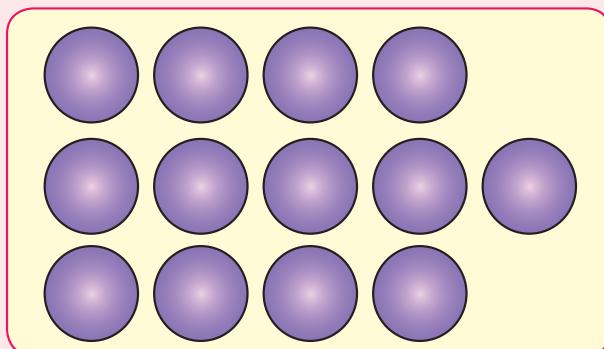
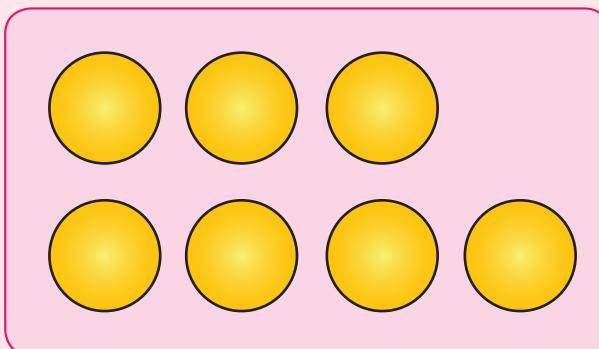
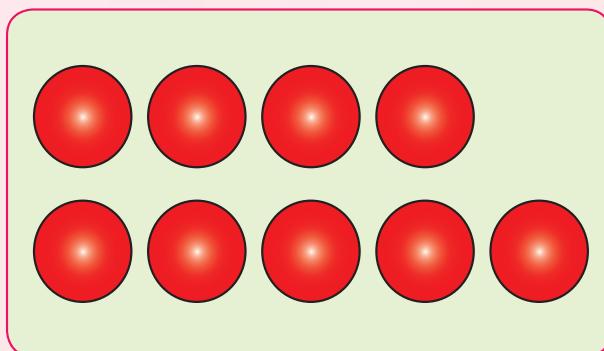
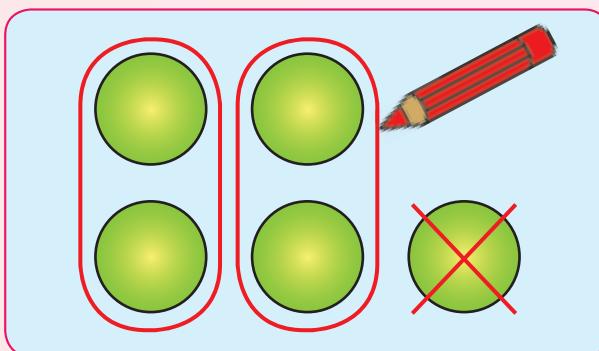
Xana mpfundla wun'wana na wun'wana
wu kumile makheroti mangani?

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

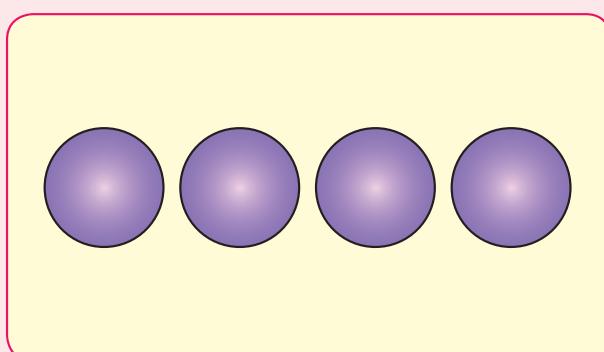
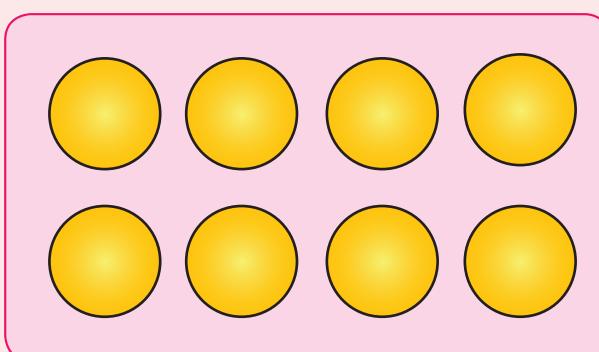
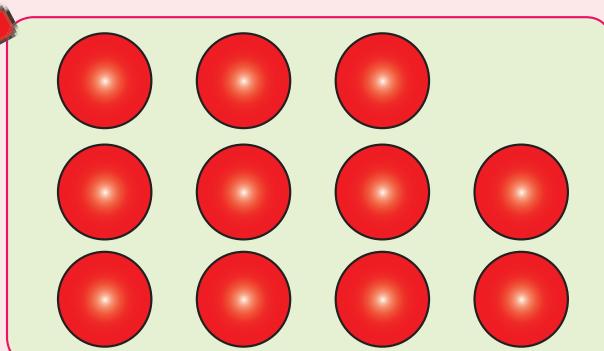
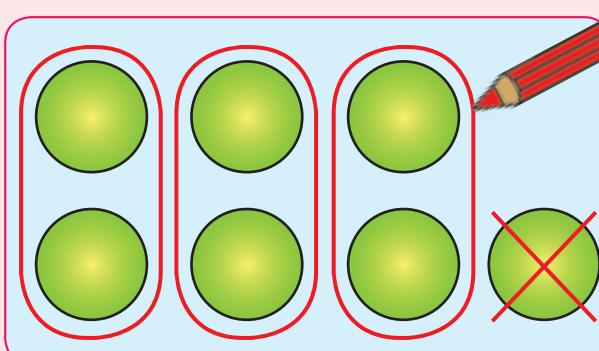




Endla mintlawa mimbirhi leyi ringanaka hi swihlayelo kutani u ba xihambano eka swihlayelo leswi saleke.



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





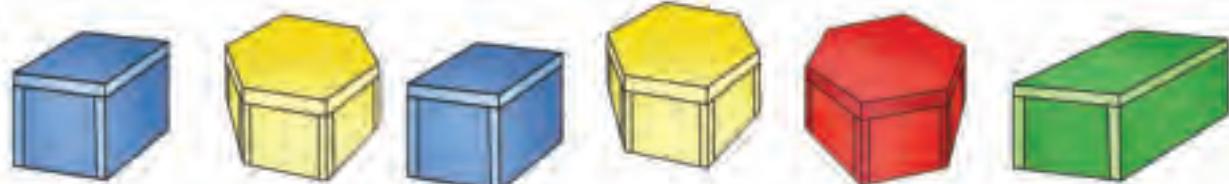
Xana u nga aka xihondzo hi swilo hinkwaswo leswi landzelaka?
Fungha ina kumbe e-e.

Ku aka swilo



Ina

E-e



Ina

E-e

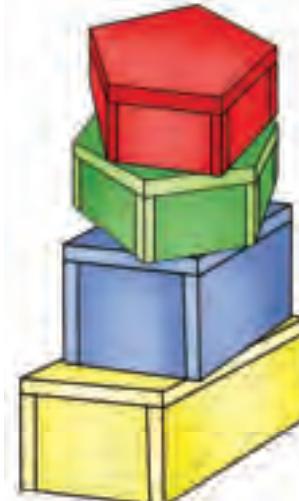


Ina

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:
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Date:





Ku vula nkarhi

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

Sunguti

Nyenyenyanji

Nyenyankulu

Dzivamisoko

Mudyaxihi

Khotavuxika

Mawuwani

Mhawuri

Ndzati:

Nhlangula

Hukuri

N'wendzamhala



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

Musumbhunuku

Ravumbirhi

Ravunharhu

Ravumune

Ravunthhanu

Mugqivela

Sonto



Teacher:
Sign:
Date:



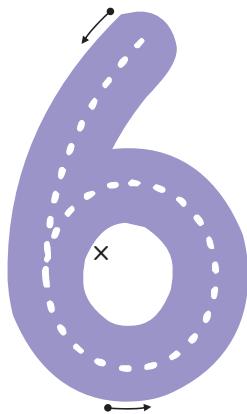
33

Kotara ya 2



Ntsevu

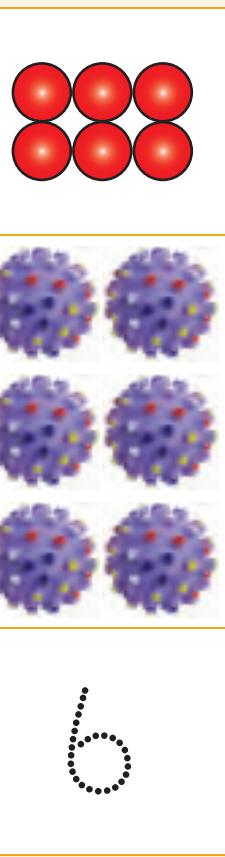
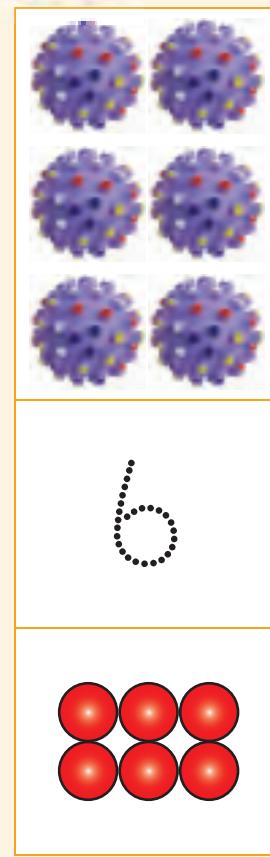
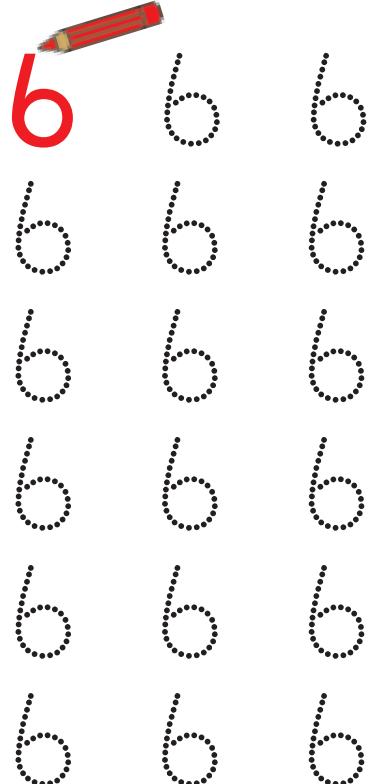
Dirowa 6 wa swirhendzevutana endzeni ka buloko.



Landzelerisa nomboro.

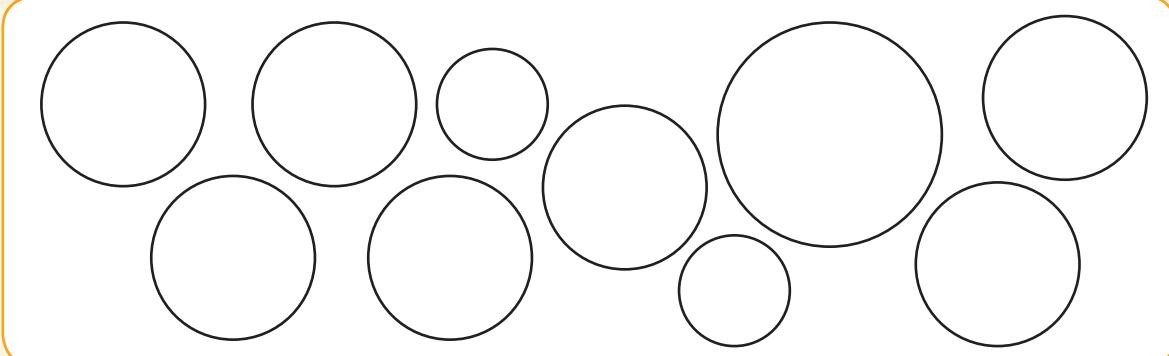


Yelanisa swifaniso.

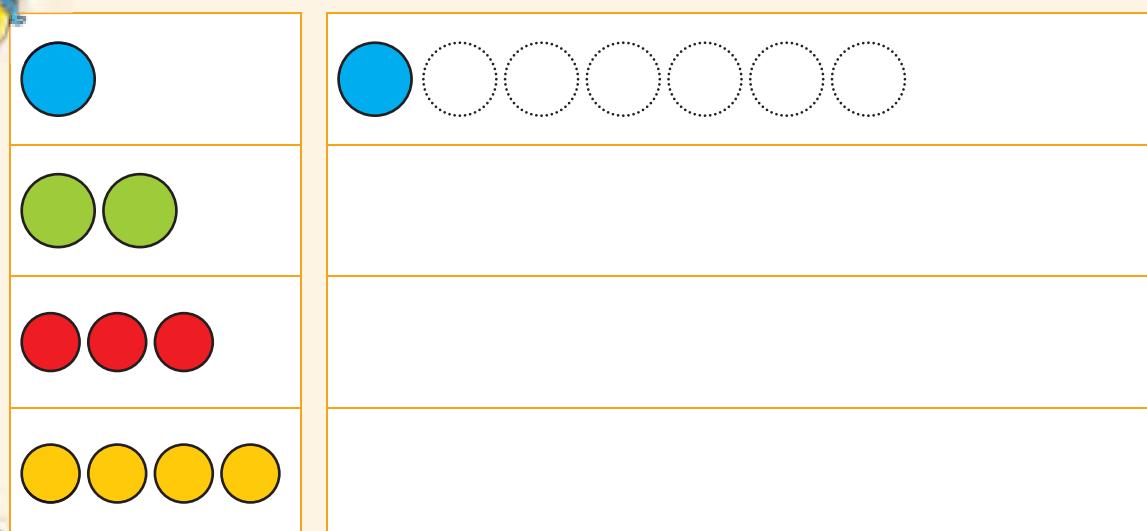




Khalara 6 wa swirhendzevutana.



Kopunula u tlhela u dirowa swin' wana swa 6.



Titolovete ku tsala nomboro.



6

ntsevu



6 6 6 6



Khalara swirhendzevutana loko u ri karhi u hlayela.



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Sign:

Date:



Nkombo

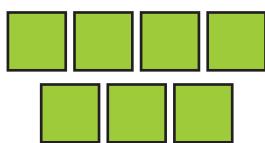
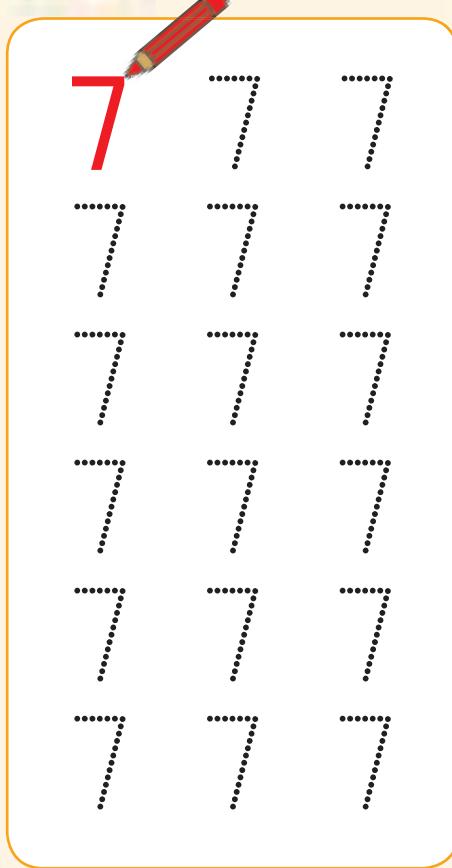
Dirowa 7 wa swikwere endzeni ka buloko.



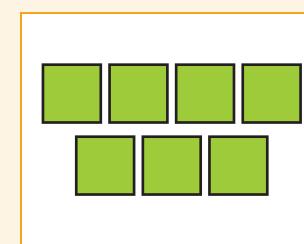
Landzelerisa nomboro.



Yelanisa swifaniso.



nkombo

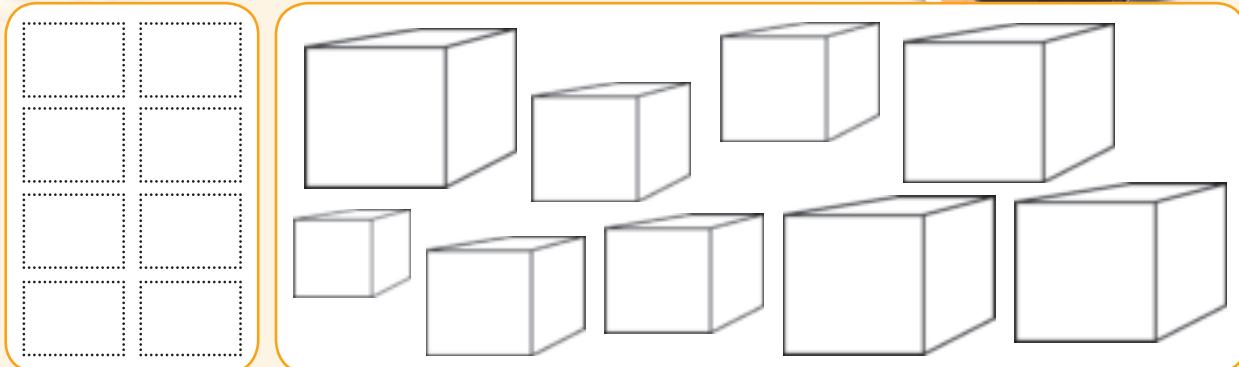


nkombo

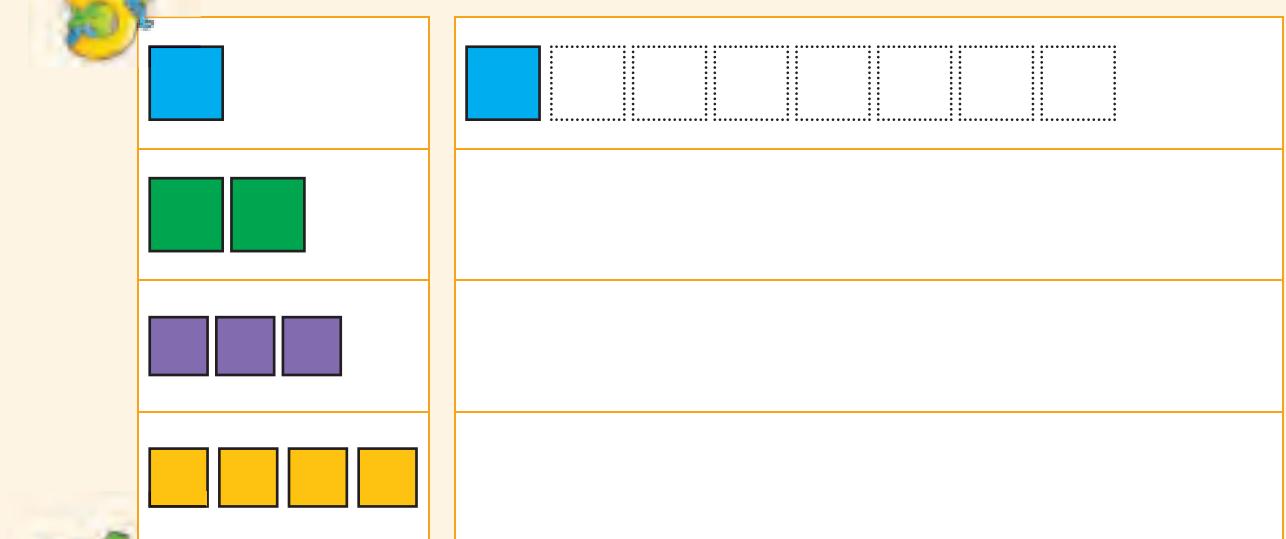




Khalara 7 wa tiyinhlamune na 7 wa tibuloko.



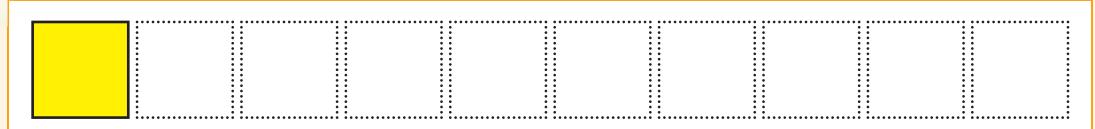
Kopunula u tlhela u dirowa swin' wana swa 7.



Titolovete ku tsala nomboro.



Khalara swikwere loko u ri karhi u hlayela.



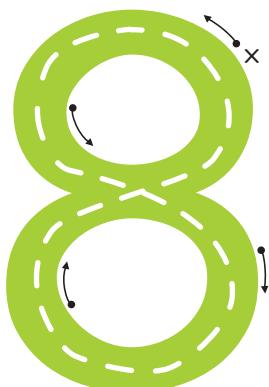
35

Kotara ya 2



Nhungu

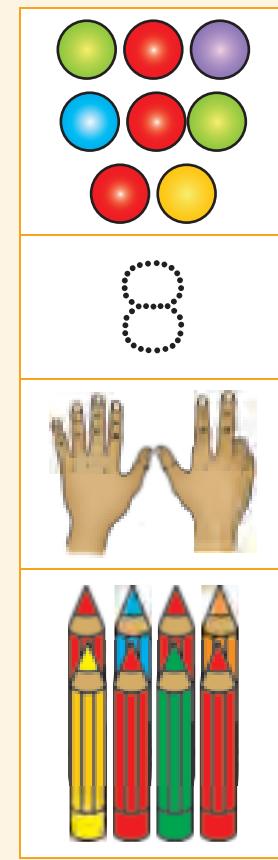
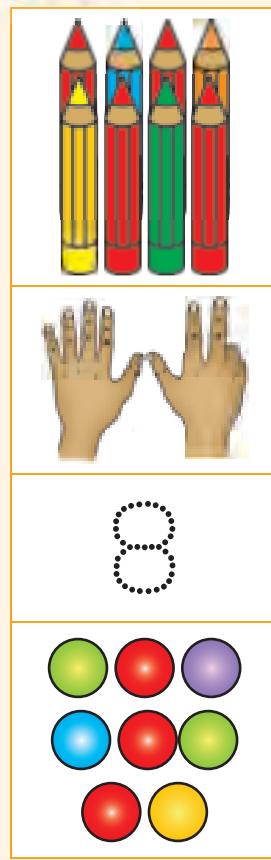
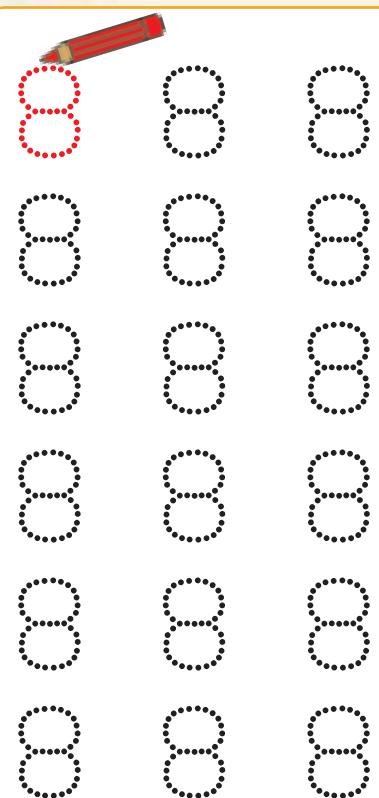
Dirowa 8 wa swivumbeko endzeni ka buloko.



Landzelerisa nomboro.



Yelanisa swifaniso.

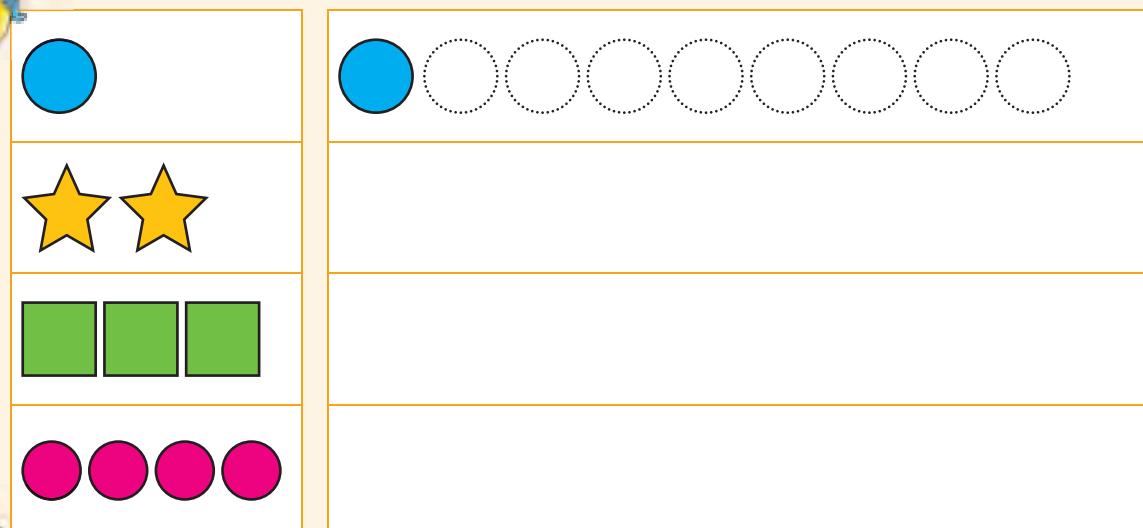




Khalara 8 wa tineleti.



Kopunula u tlhela u dirowa swin' wana swa 8.



Titolovete ku tsala nomboro.



Khalara swirhendzevutana loko u ri karhi u hlayela.



Teacher:
Sign:
Date:

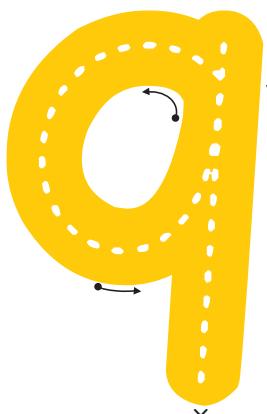
36

Kotara ya 2



Kaye

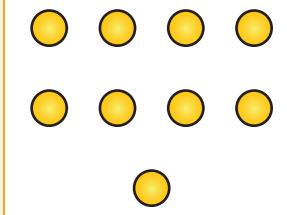
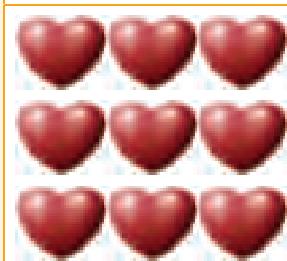
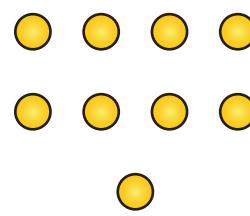
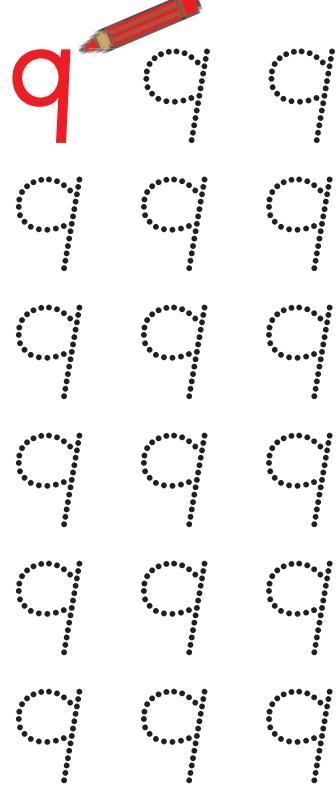
Dirowa q wa timbilu endzeni ka buloko.



Landzelerisa nomboro.



Yelanisa swifaniso.



76

1

2

3

4

5

6

7

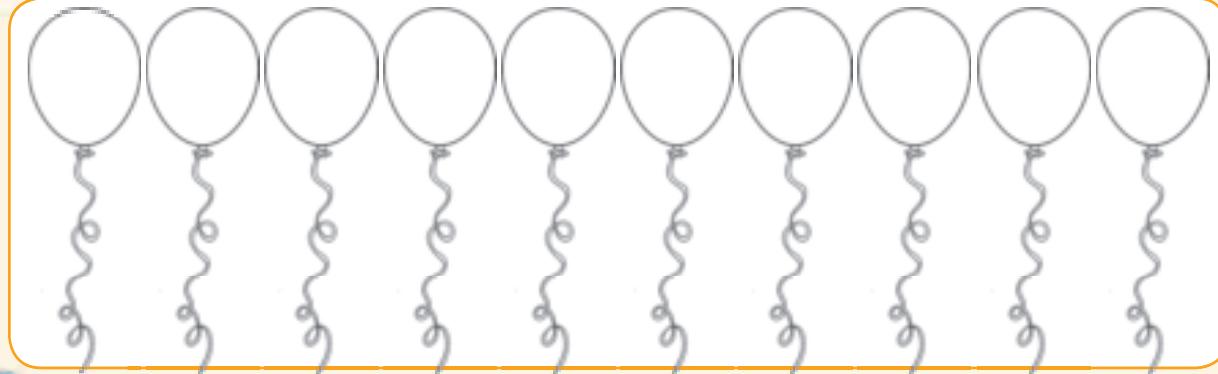
8

9

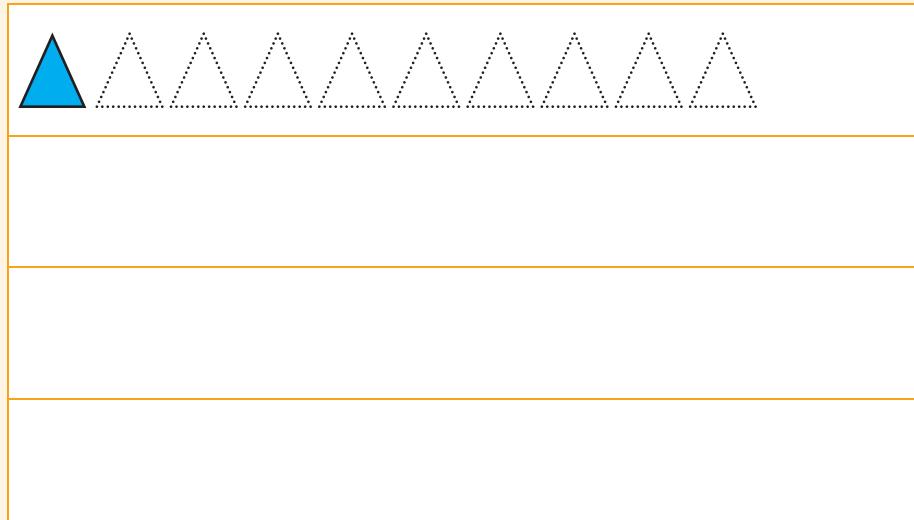
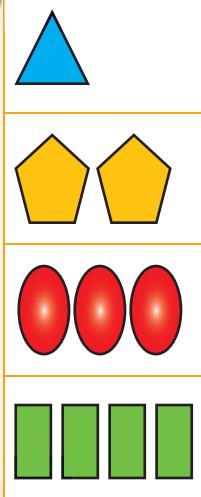
10



Khalara tibaluni ta kaye.



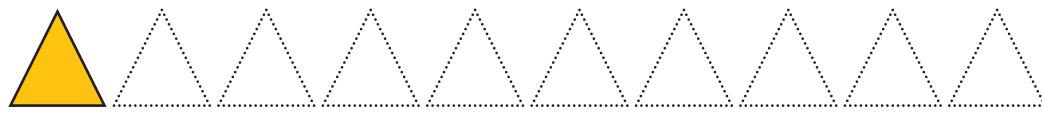
Kopunula u tlhela u dirowa swin' wana swa 9.



Titolovete ku tsala nomboro.



Khalara tiyinhanharhu 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?



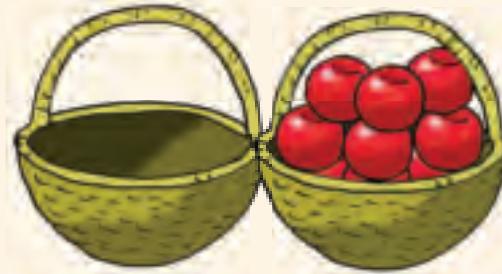
ri hava nchumu ri tele

ri hava nchumu ri tele



ri hava nchumu ri tele

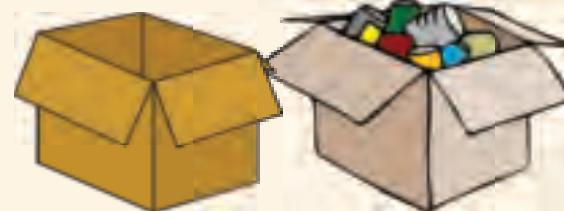
ri hava nchumu ri tele



yi hava nchumu yi tele

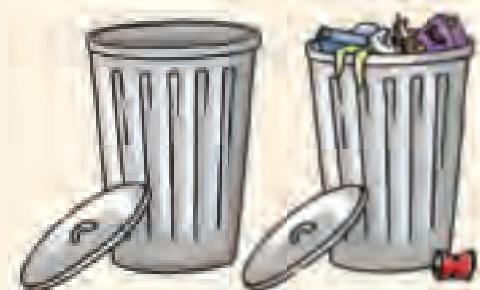


yi hava nchumu yi tele



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

ri hava nchumu ri tele



ri hava nchumu ri tele

ri hava nchumu ri tele

ku tala

ku hava
nchumu



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

xi tele

xi hava
nchumu



xi hava nchumu xi tele

xi hava nchumu xi tele



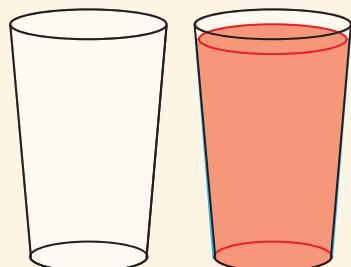
xi hava nchumu xi tele

xi hava nchumu xi tele



xi hava nchumu xi tele

xi hava nchumu xi tele



xi hava nchumu xi tele

xi hava nchumu xi tele



xi hava nchumu xi tele

xi hava nchumu xi tele

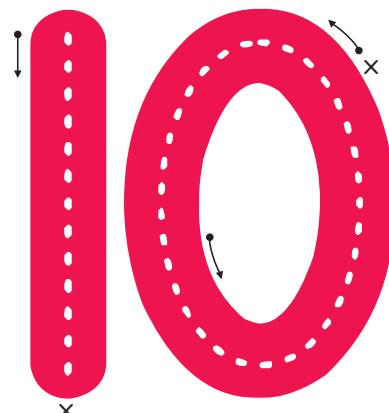


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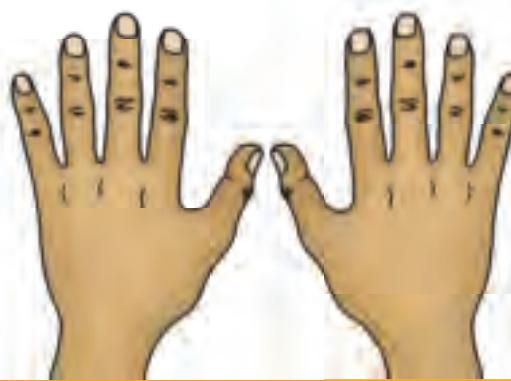


Hlayela tintiho eswandleni swa wena.

Khume



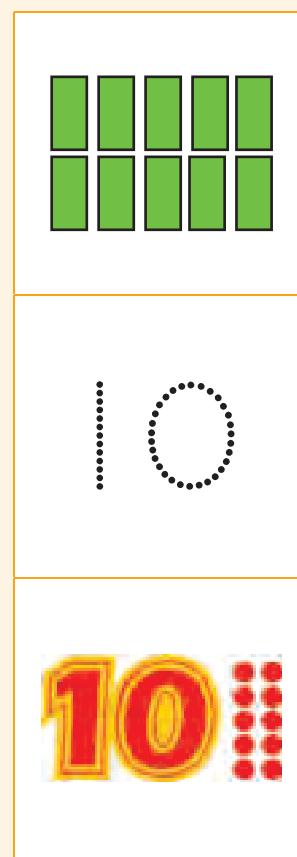
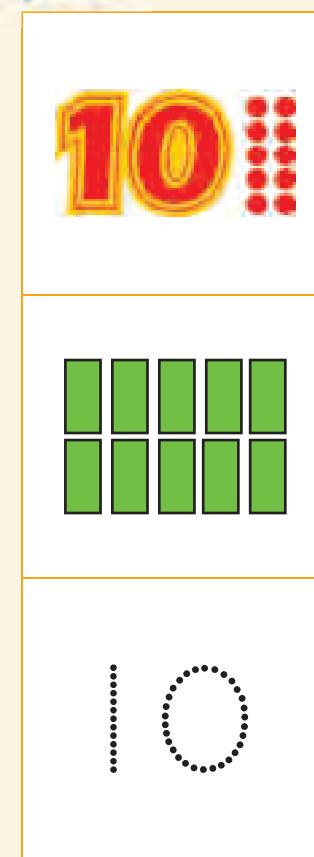
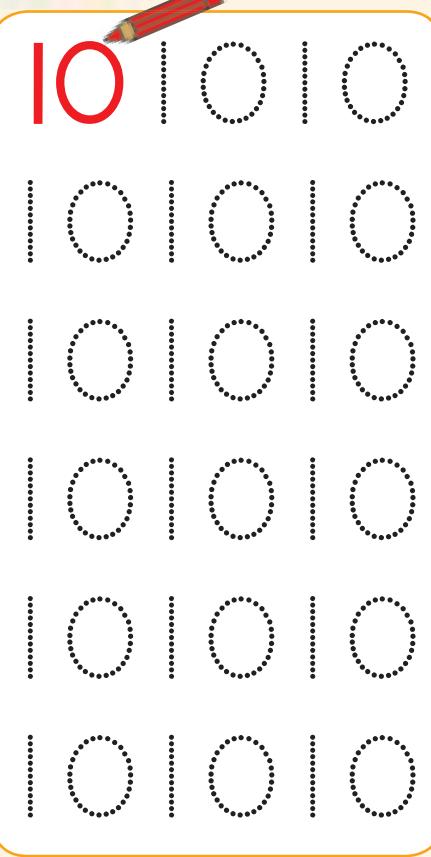
1 2 3 4 5 6 7 8 9 10



Landzelerisa nomboro.



Yelanisa swifaniso.



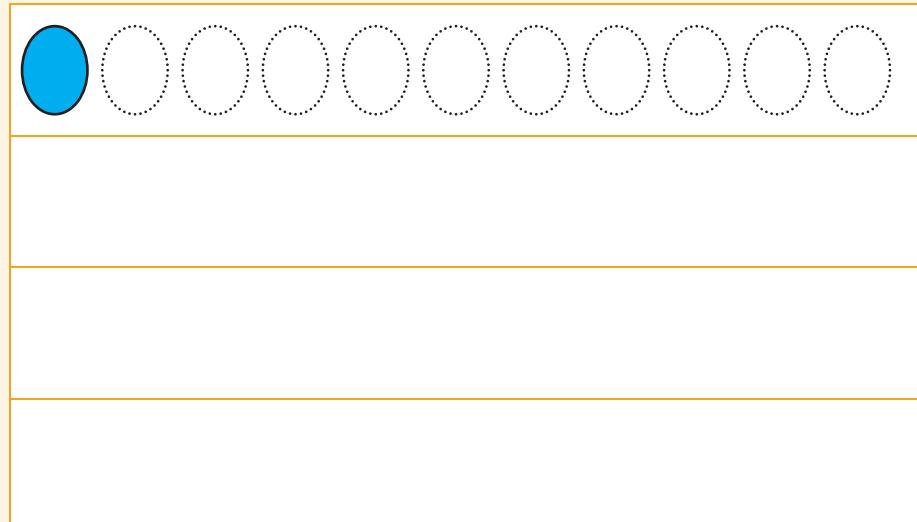
1 2 3 4 5 6 7 8 9 10



Khalara 10 wa mihandzu.



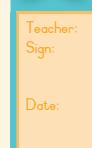
Kopunula u tlhela u dirowa swin' wana swa 10.



Titolovete ku tsala nomboro.



Khalara tiyinhlamune loko u ri karhi u hlayela.



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 7



8

nhungu

8 8



q

kaye

9 9



10

khume

10 10



Teacher:
Sign:
Date:

11

12

13

14

15

16

17

18

19

20

40

Kotara ya 2



Vundzeni

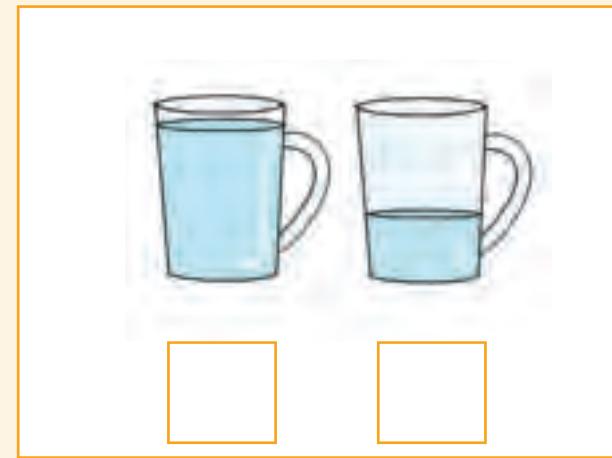
Dirowa mati yan' wana endzeni ka xibye lexi nga exineneni.



Fungha xibye lexi khomeke yo tala.



Fungha xibye lexi khomeke lamatsongo.



1

2

3

4

5

6

7

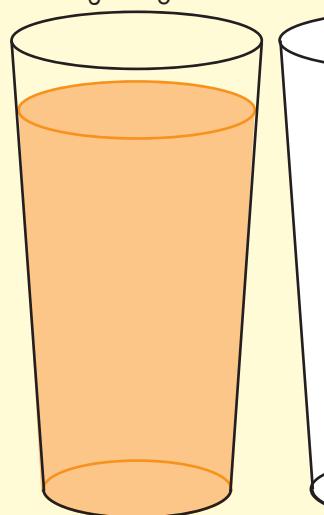
8

9

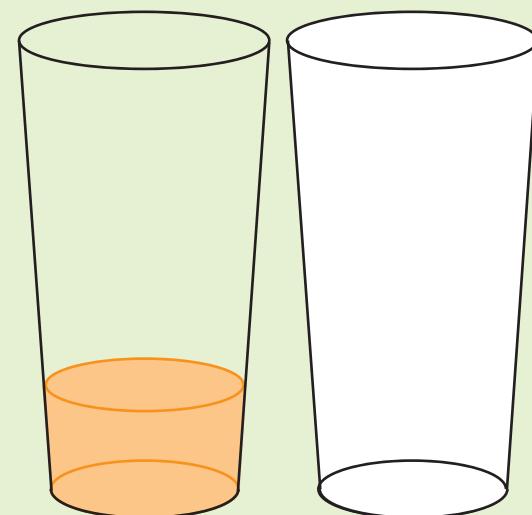
10

14

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

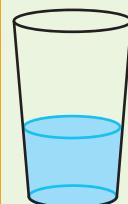


Khalara nghanzi ya vumbirhi leswaku yi va na juzi leyi taleke ku tlula ya nghanzi yo sungula.



5

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



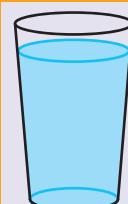
Nghanzi ya wasi yi

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.



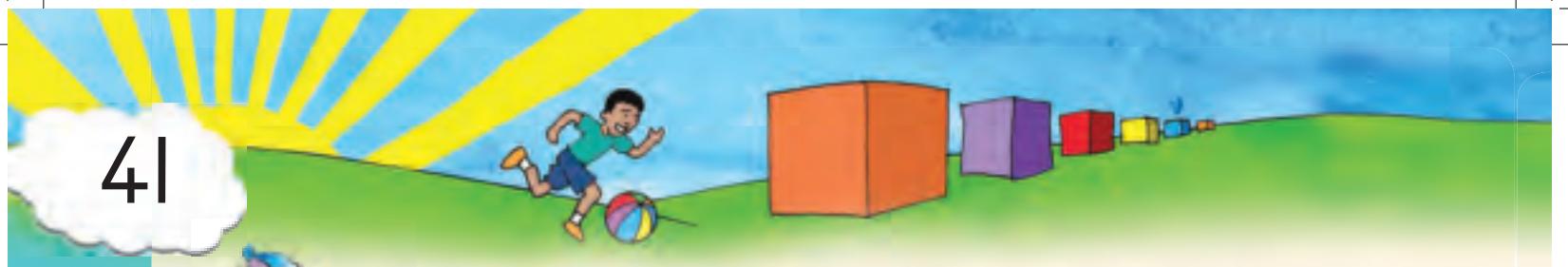
tlula

le hansi ka



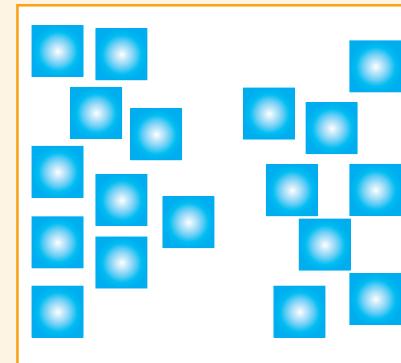
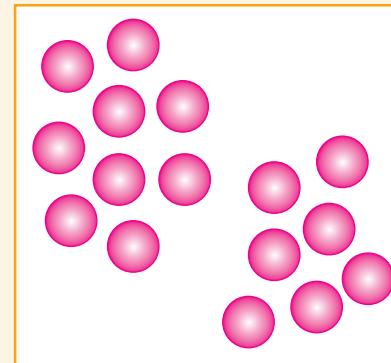
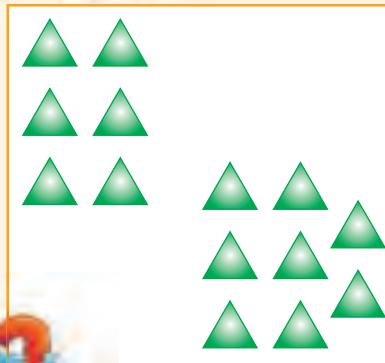
Teacher:
Sign:

Date:



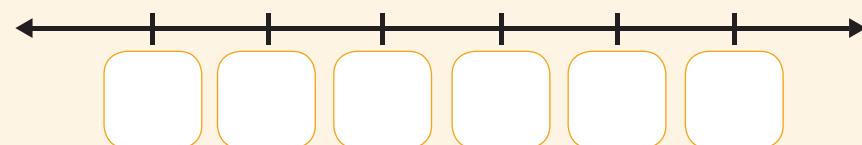
Tinomboro ta l ku fika eka 10

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

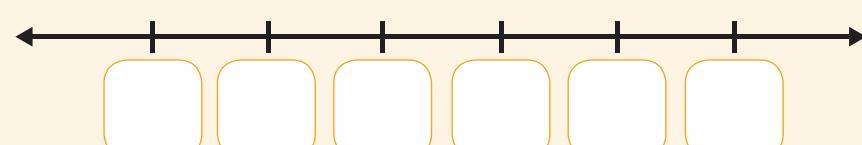


Tsala tinomboro ku suka eka leyitsongo swinene ku ya eka leyikulu swinene eka ndzhati wa mintsengo.

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.

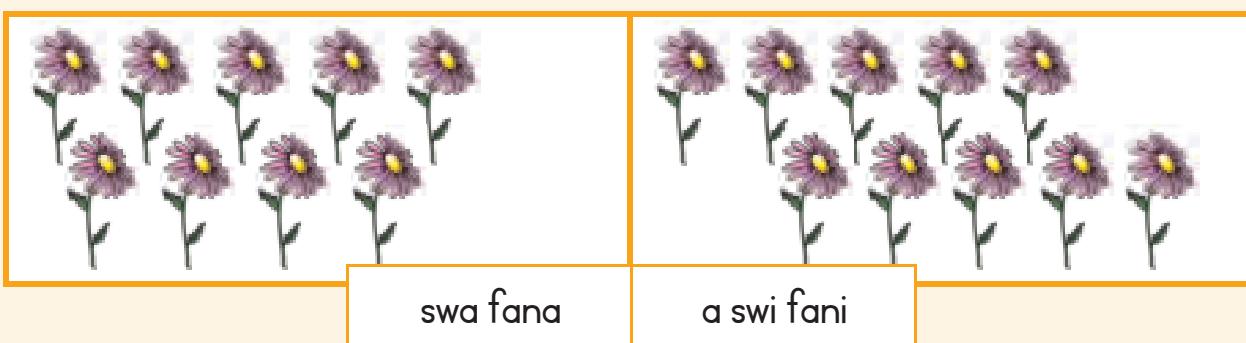
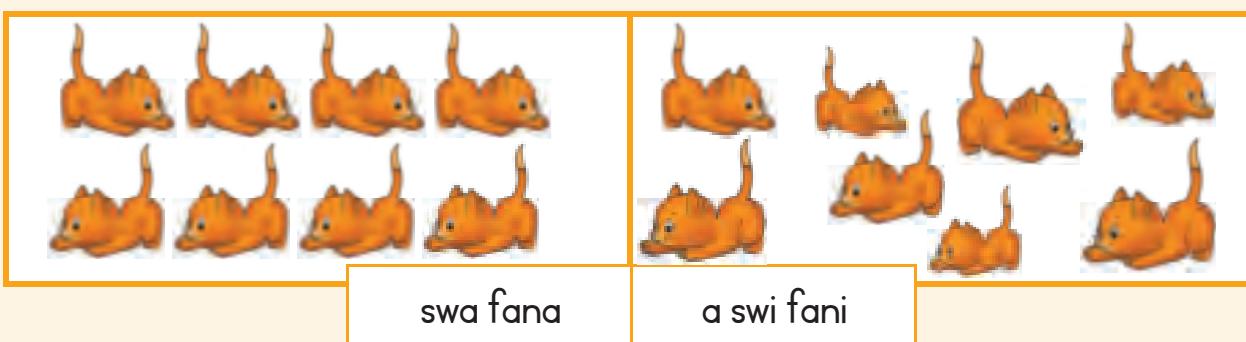
A tracing activity for the numbers 1 through 10. Each row consists of a horizontal line with ten circles connected by vertical lines. The first circle contains the number 1. The second circle contains a red pencil icon pointing to the number 1. Subsequent circles contain the numbers 2, 3, 4, 5, 6, 7, 8, q, and 10 respectively. The rows are colored in a repeating pattern: blue, green, purple, red, magenta, yellow, pink, light green, and orange.

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



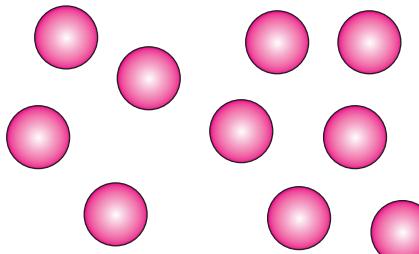
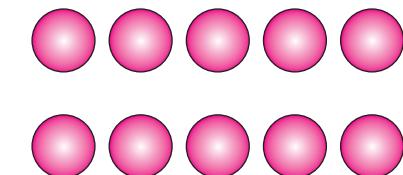
Ku tala, ku ringana na hansi ka

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





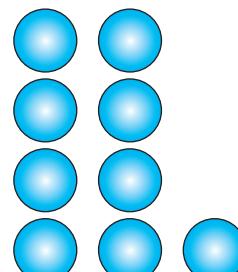
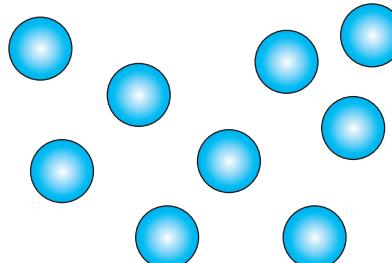
Vula loko buloko ya vumbirhi yi tlula, yi ri yitsongo eka kumbe yi ringana na buloko yo sungula. Khalara nhlamulo leyji faneleke.



tala

ringana

hansi ka



tala

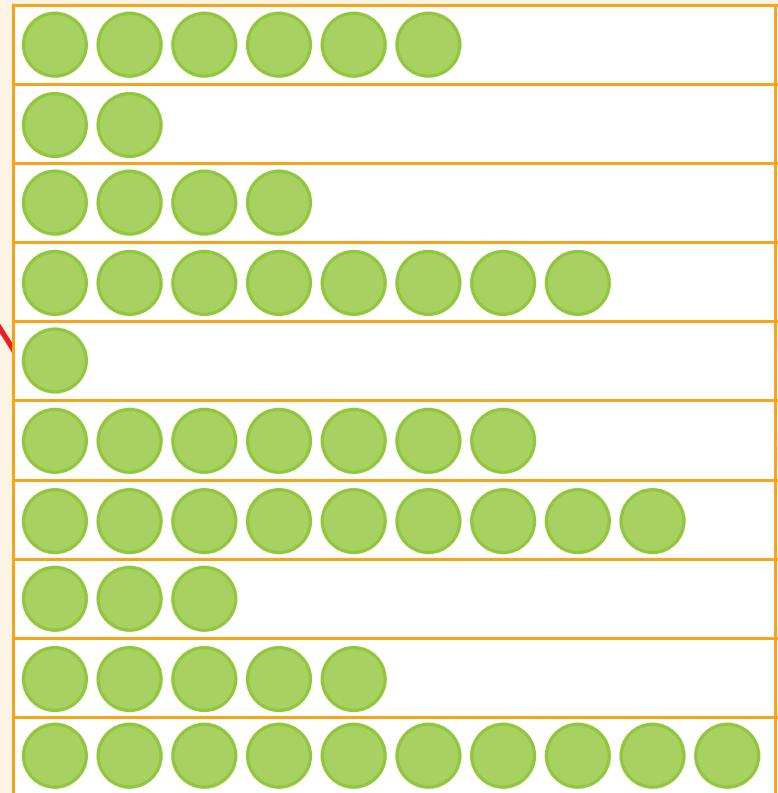
ringana

hansi ka



Yelanisa tinomboro na minchumu.

1
2
3
4
5
6
7
8
9
10



Teacher:
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Date:

43

Kotara ya 2



Ku hlanganisa malekere

Hlanganisa malekere kutani u tsala tinhlamulo.

$$\begin{array}{c} \text{candy} \\ \text{candy} \end{array} + \begin{array}{c} \text{candy} \\ \text{candy} \\ \text{candy} \\ \text{candy} \end{array} = \begin{array}{c} \text{candy} \\ \text{candy} \\ \text{candy} \\ \text{candy} \\ \text{candy} \\ \text{candy} \end{array}$$

$$2 + 3 = 5$$

$$\begin{array}{c} \text{candy} \\ \text{candy} \\ \text{candy} \end{array} + \begin{array}{c} \text{candy} \\ \text{candy} \\ \text{candy} \\ \text{candy} \\ \text{candy} \end{array} = \begin{array}{c} \text{candy} \\ \text{candy} \\ \text{candy} \\ \text{candy} \\ \text{candy} \\ \text{candy} \\ \text{candy} \end{array}$$

$$3 + 4 = \dots$$



Hlanganisa tinomboro.



$$5 + 1 = 6$$



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



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



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



90

1 2 3 4 5 6 7 8 9 10



Ringeta leswi landzelaka.



$3 + 6 = \boxed{q}$

$1 + 1 = \boxed{}$

$4 + 0 = \boxed{4}$

$0 + 7 = \boxed{}$

$0 + 5 = \boxed{5}$

$3 + 2 = \boxed{}$

$6 + 0 = \boxed{}$

$5 + 3 = \boxed{}$

$2 + 2 = \boxed{}$

$7 + 2 = \boxed{}$

$1 + 3 = \boxed{}$

$4 + 4 = \boxed{}$

$2 + 5 = \boxed{}$

$5 + 1 = \boxed{}$

$5 + 0 = \boxed{}$

$4 + 3 = \boxed{}$

$1 + 8 = \boxed{}$

$2 + 6 = \boxed{}$

$4 + 2 = \boxed{}$

$8 + 2 = \boxed{}$



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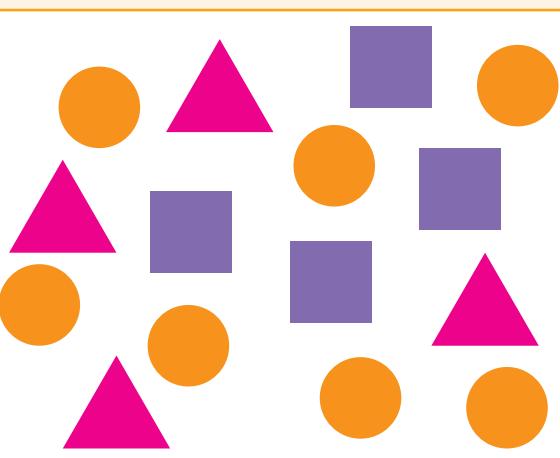
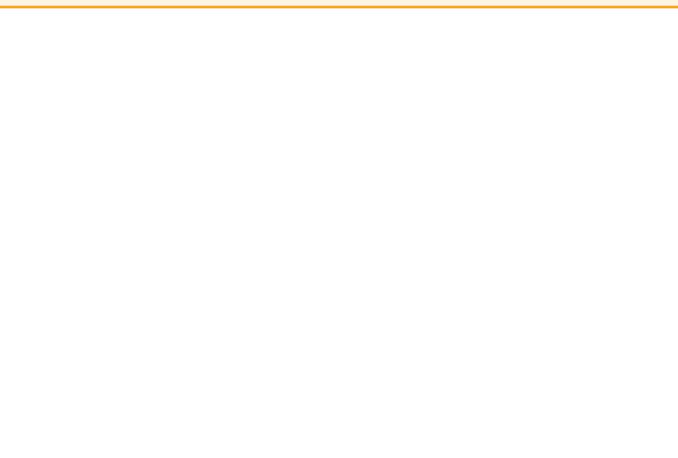
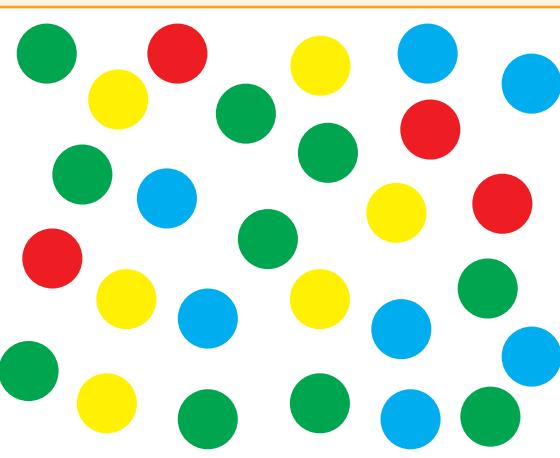
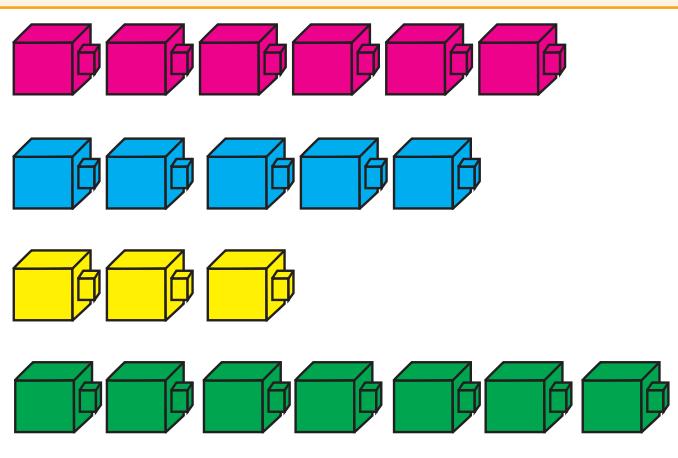
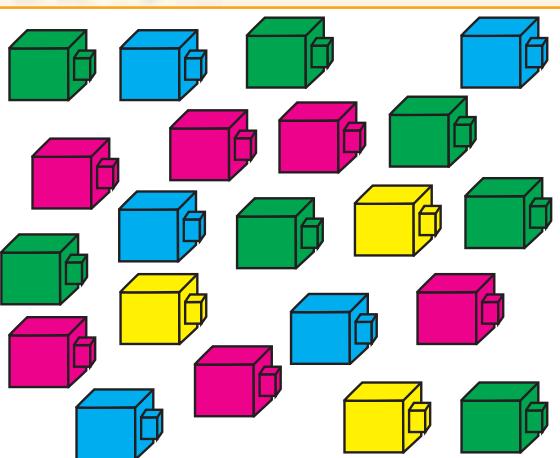
44

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**?

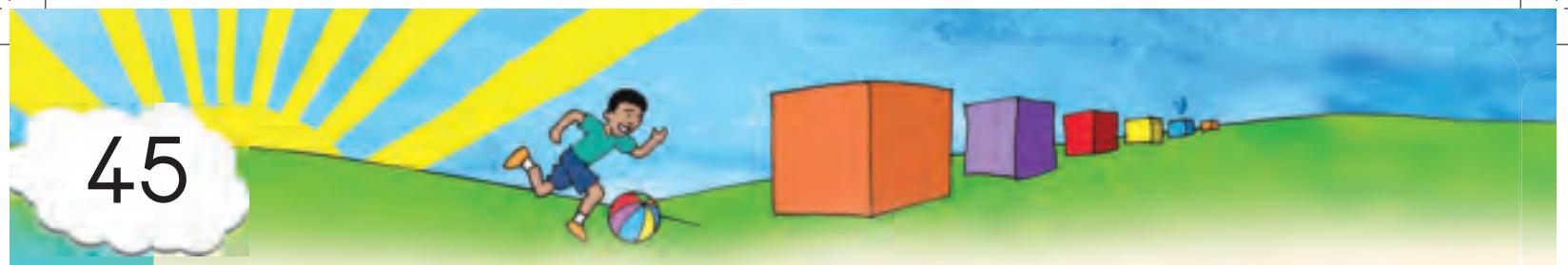
Ku na matluka mangani ya **xilamula**?

Ku na matluka mangani ya **rihlaza**?



Teacher:
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Date:



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



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

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



A hi hlayeleni:

3	4	5
---	---	---

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

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



A hi hlayeleni:

4	5	6	7
---	---	---	---

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

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



A hi hlayeleni:

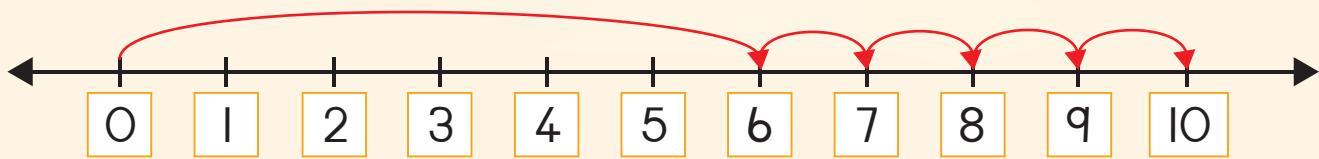
6	5	4	<input type="text"/>	<input type="text"/>
---	---	---	----------------------	----------------------

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

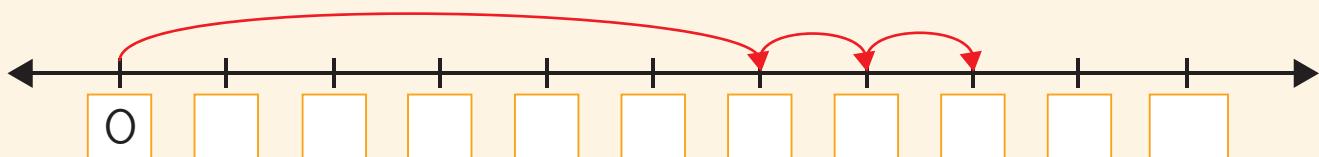




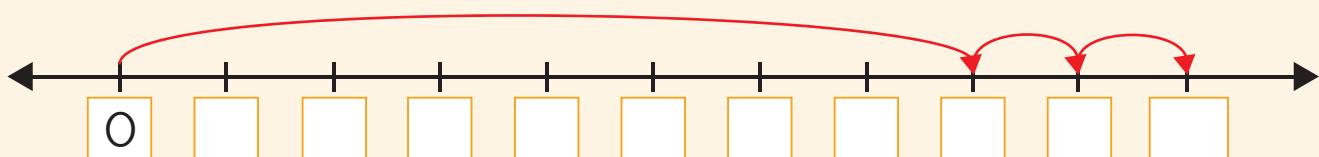
Tsala tinomboro eka ndzhati wa mintsengo kutani u tsala xivulwa xa tinomboro eka yin'wana na yin'wana.



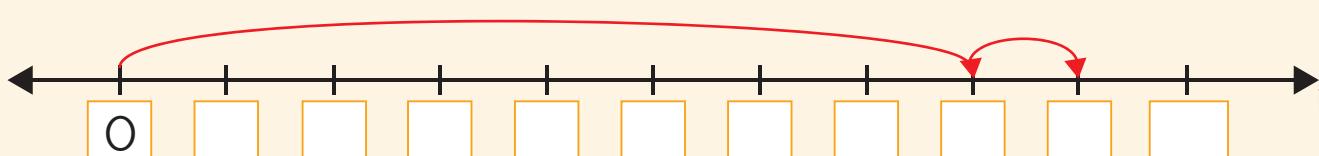
$$\boxed{6} + \boxed{4} = \boxed{\quad}$$



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



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



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



Teacher:
Sign:
Date:

46

Kotara ya 2



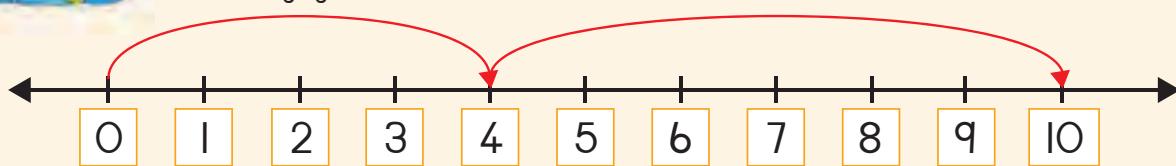
Ku hlanganisa: ku aka no tlhantlha ku fika eka 10

Khalara ku kombisa leswi landzelaka.

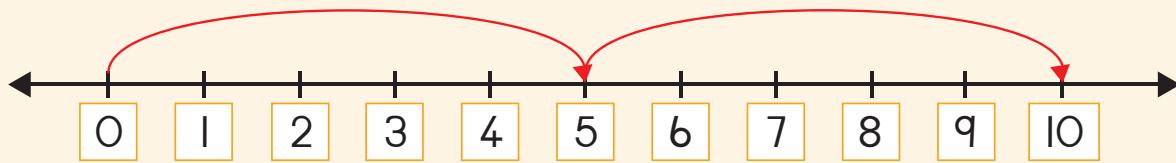
$1 + 9$	
$2 + 8$	
$3 + 7$	
$4 + 6$	
$5 + 5$	



Tsala nhlayo ya:



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



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

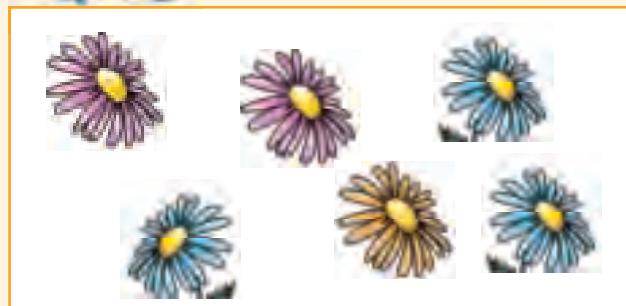


$$\boxed{} + \boxed{} = \boxed{}$$



q6

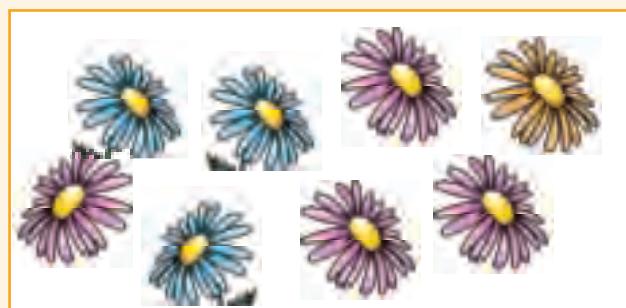
Tirhisa nhlayo ya swiluva ku endla xivulwa xa wena xa tinomboro.



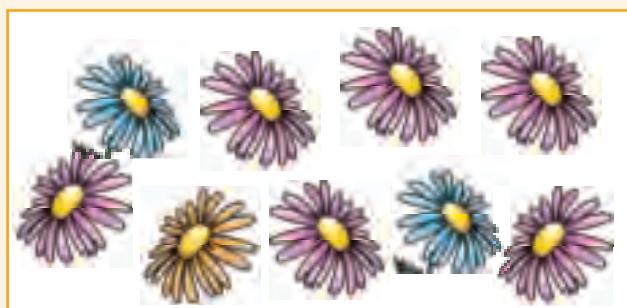
$$\boxed{} + \boxed{} + \boxed{} = \boxed{}$$



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



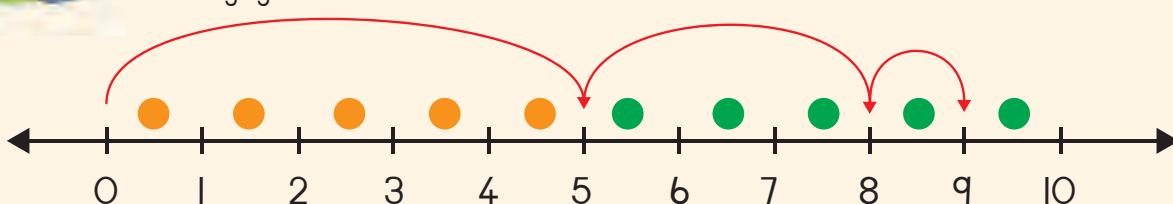
$$\boxed{} + \boxed{} + \boxed{} = \boxed{}$$



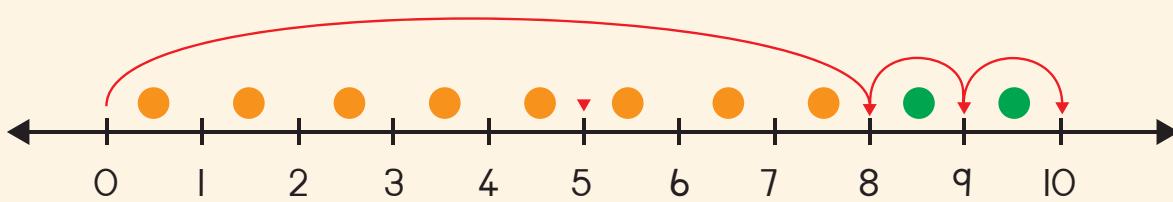
$$\boxed{} + \boxed{} + \boxed{} = \boxed{}$$



Tsala nhlayo ya:



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



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



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?



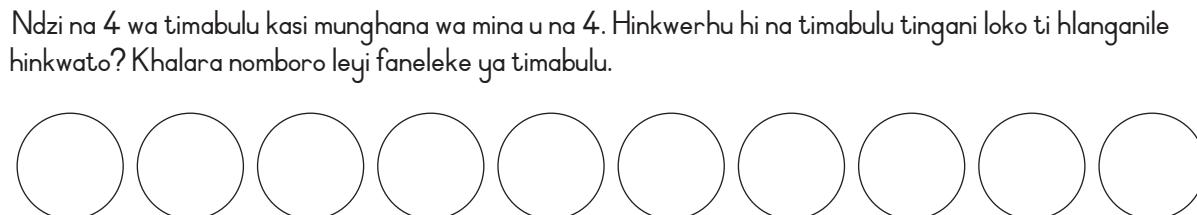
Sweswi u vona tintiho tingani?



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



Lulamisa leswi landzelaka hi ku khalara. Tsala nhlayo.



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



Hlamula leswi landzelaka.

I 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:
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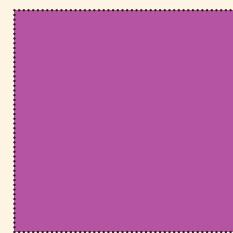
48a

Kotara ya 2

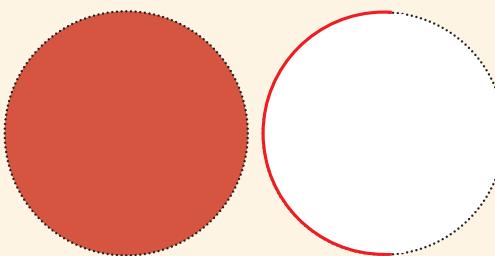


Hetisa swifaniso leswi.

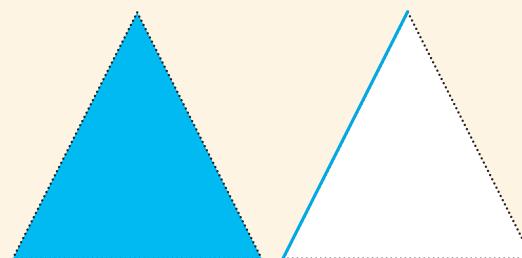
xikwere



xirhendzevutana



yinhlanharchu



yinhlamune



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

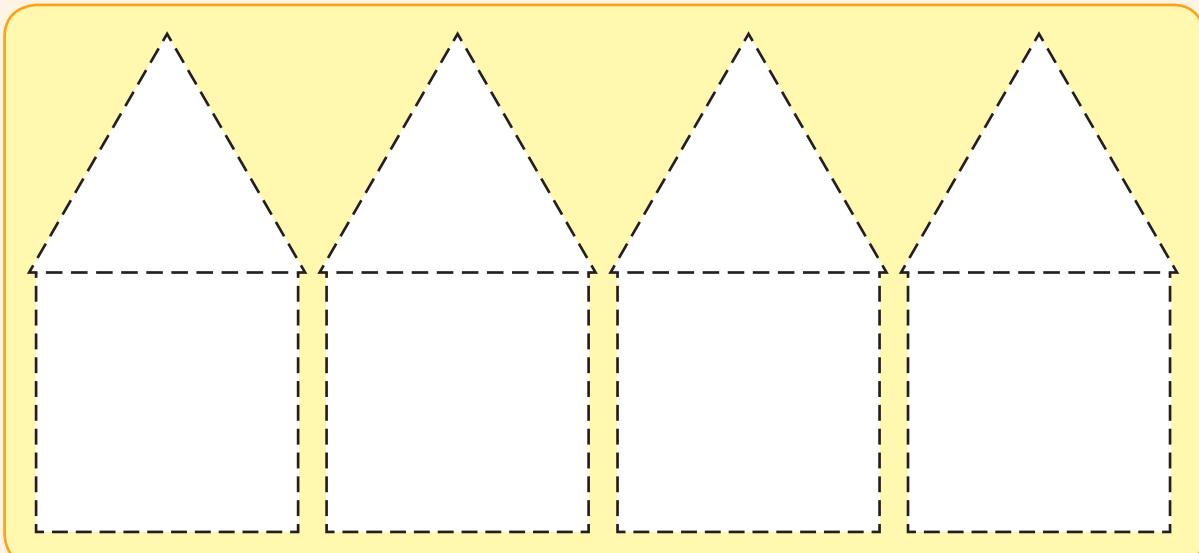
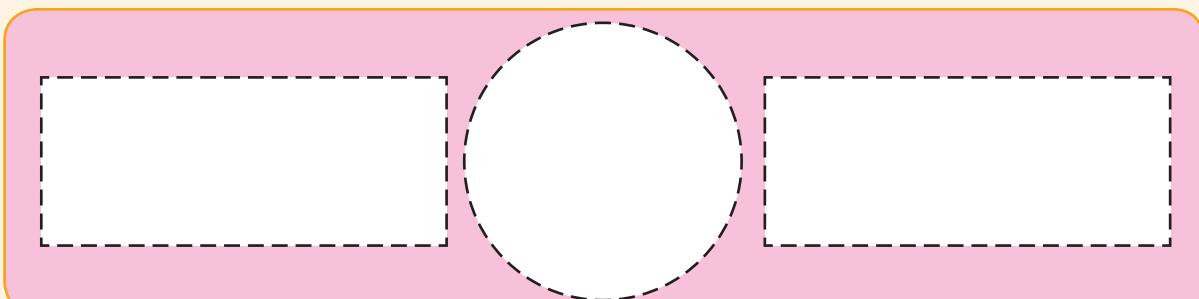
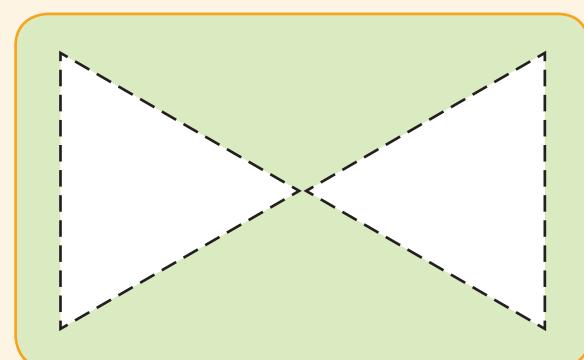
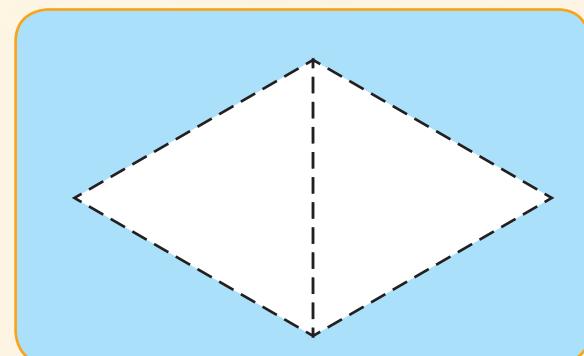
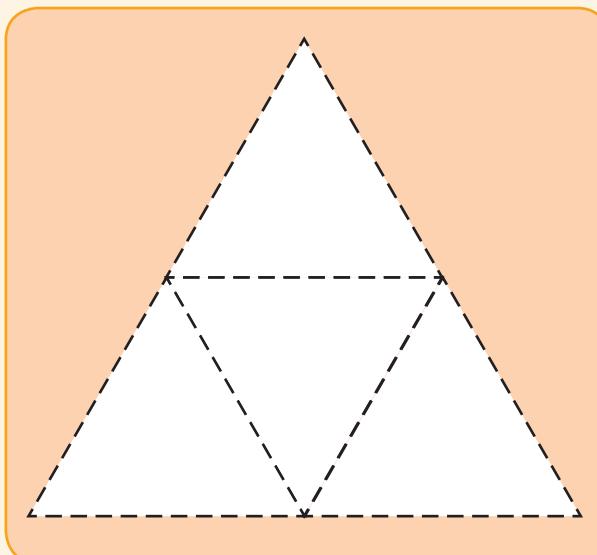
U nga tirhisa swivumbeko ko tala.



100 | 2 3 4 5 6 7 8 9 10



Tirhisa swivumbeko leswi
tseminiweke ku vumba
swivumbeko leswi landzelaka.



Teacher:
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Date:



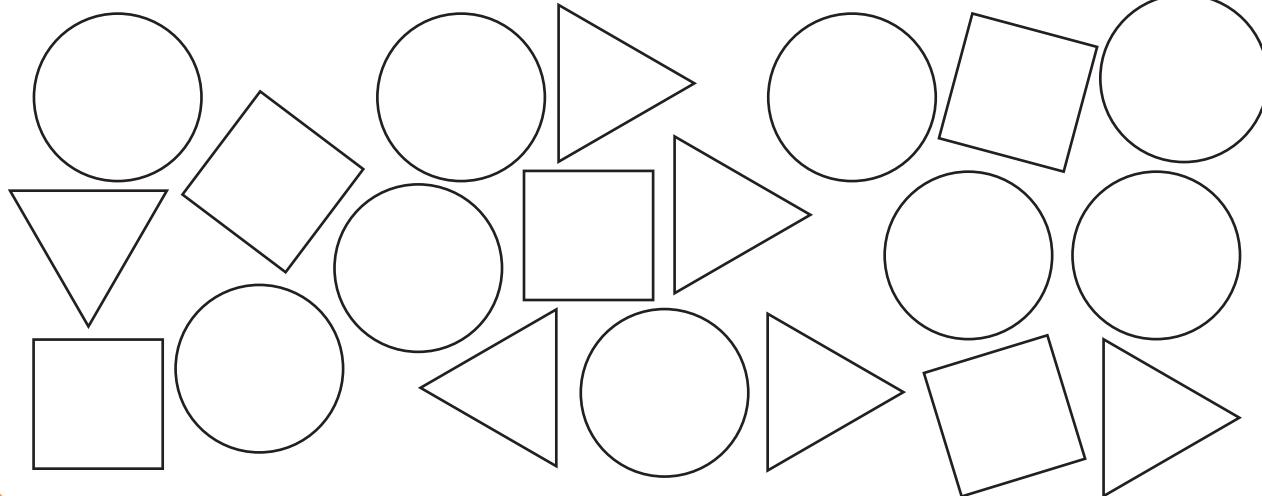
48b

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?

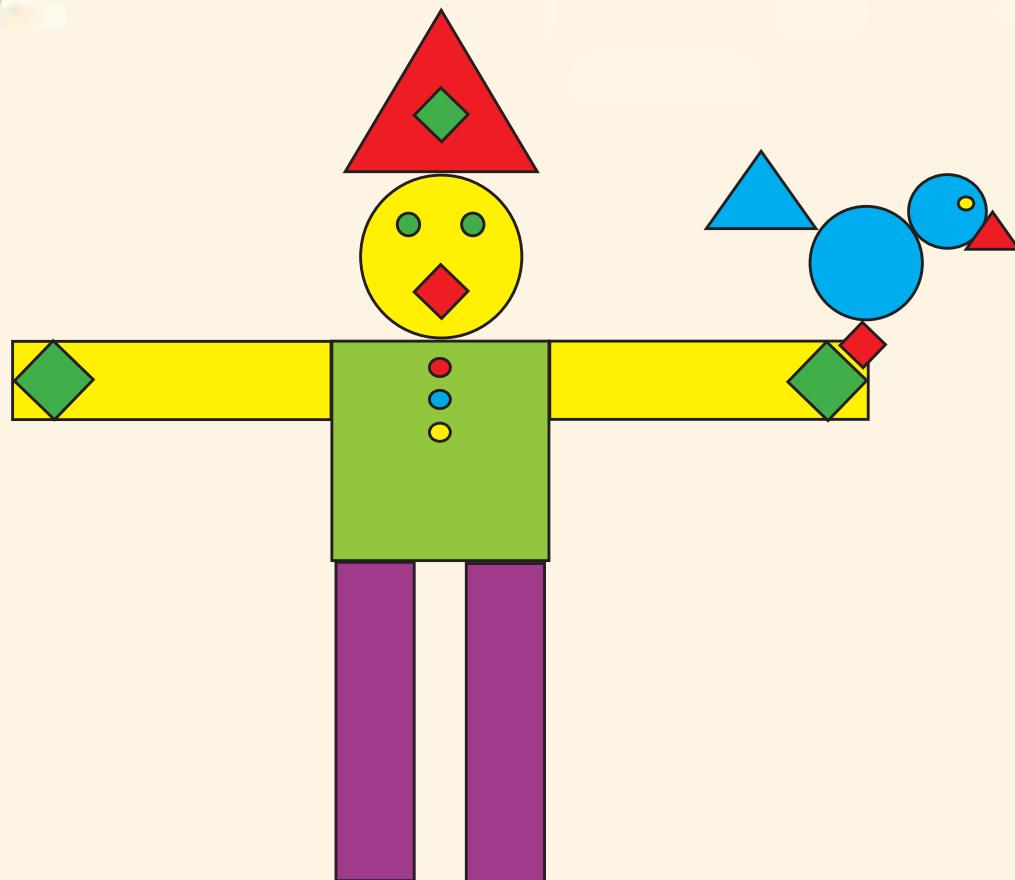
Ku na swikwere swingani?



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?

$$2 + 2 + 2 =$$

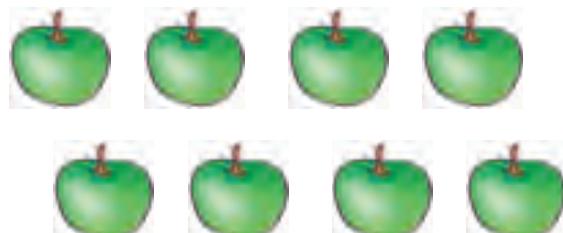


Dirowa swirhendzevutana eka leswi landzelaka ku endla:

2 wa mintlawa ya 2



4 wa mintlawa ya 2



104



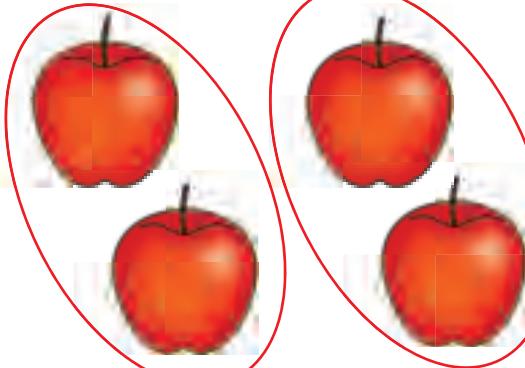
5 wa mintlawa ya 2



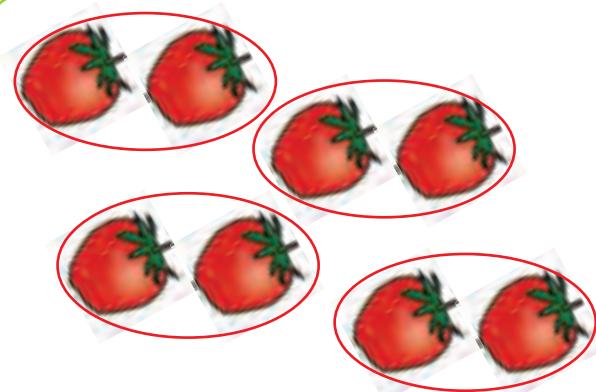
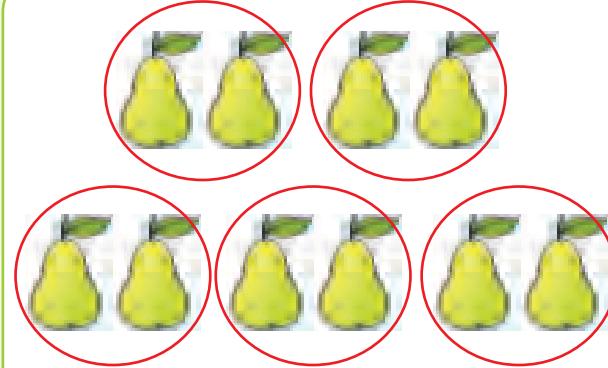
3 wa mintlawa ya 2



Tsala nhlayo ya leswi landzelaka:



$$2 + 2 =$$



Teacher:
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Date:

11

12

13

14

15

16

17

18

19

20

Ku hlanganisa loku vuyeleriweke ka vumbirhi ku fika eka 10

Ku na milenge yingani? Tsala nhlayo ya yona.



$$2 + 2 + 2 = 6$$



Khakhuleta kutani u dirowa xifaniso.

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

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

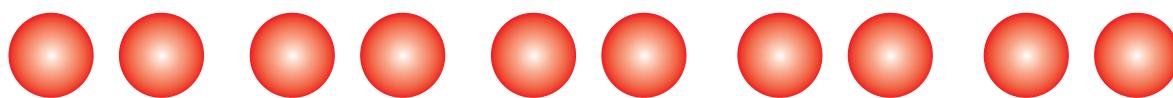
$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{}$$

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

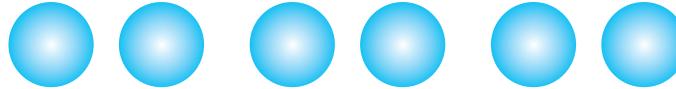
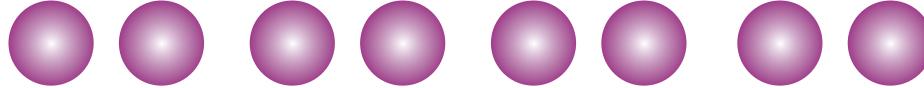




Tsala nhlayo ya:



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



Hlayela tinomboro leti hi vumbirhi kutani u khalara vumbirhi hinkwabyo.

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

11 12 13 14 15 16 17 18 19 20

Teacher:

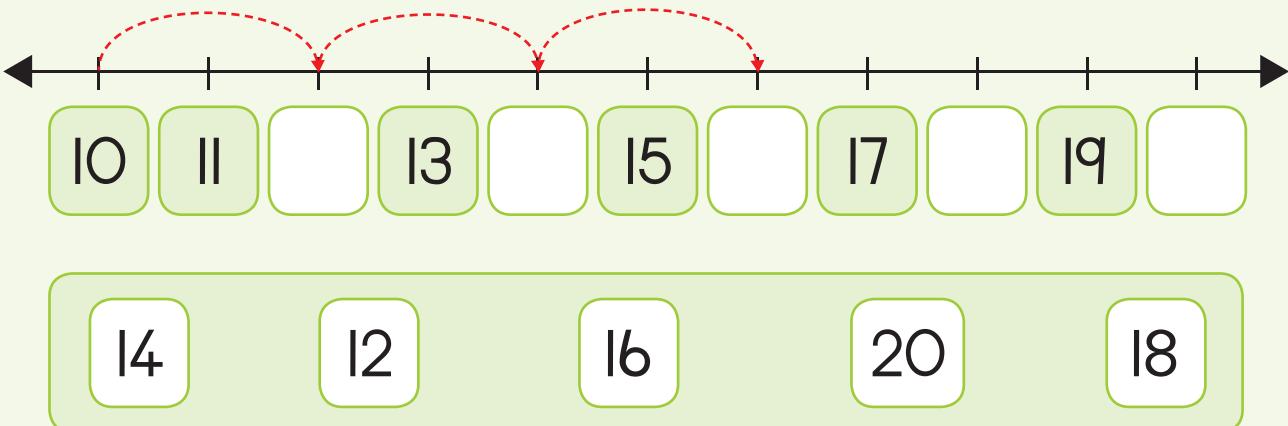
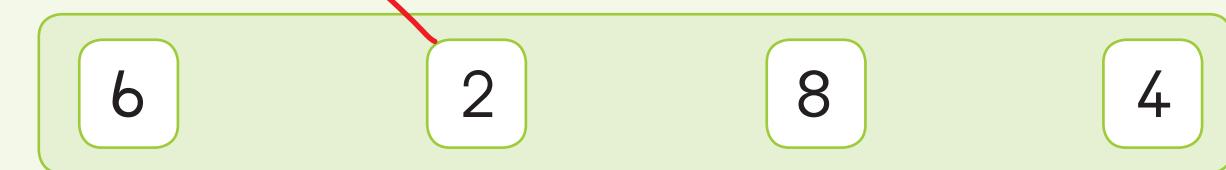
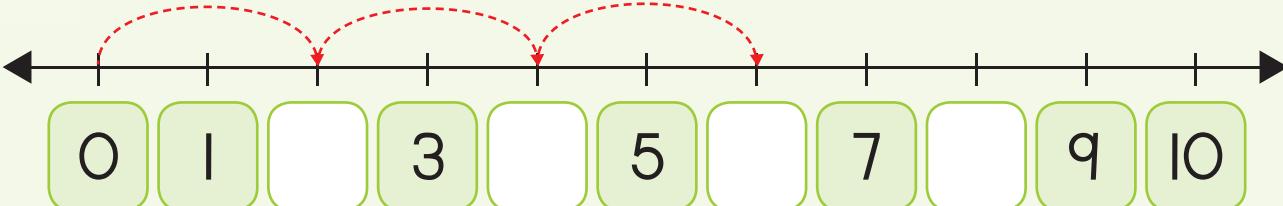
Sign:

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



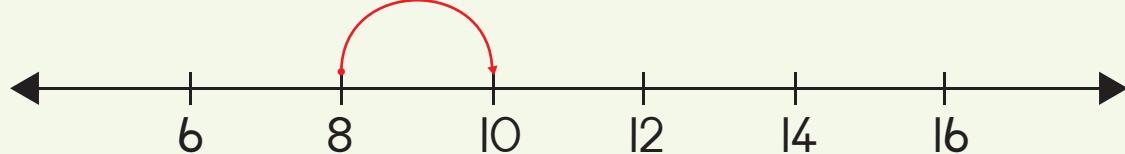
Dirowa mithamuko ku kombisa leswi landzelaka.

8

10

12

14



12

14

16

18

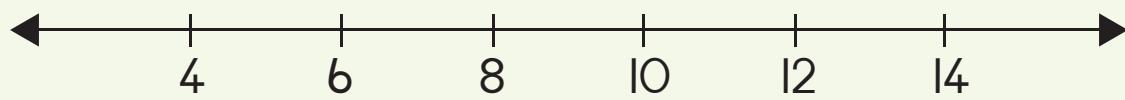


4

6

8

10



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

109



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



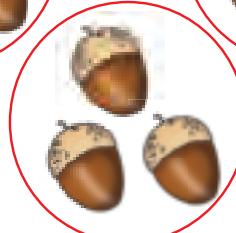
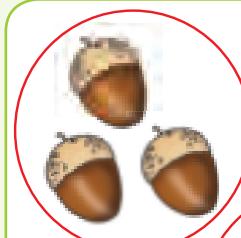
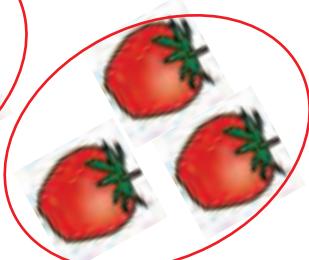
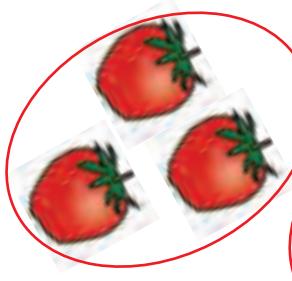
4 wa mintlawa ya 3



I ntlawwa wa 3



Tsala xivulwa xa tinomboro xa leswi landzelaka:



Dirowa 2 wa mintlawa ya 3.



Teacher:
Sign:

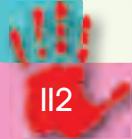
Date:



Ku hlanganisa loku vuyeleriweke ka vunharhu ku
fika eka khume



Ku na mavhilwa mangani? Ya tsale tanihi nhlayo.





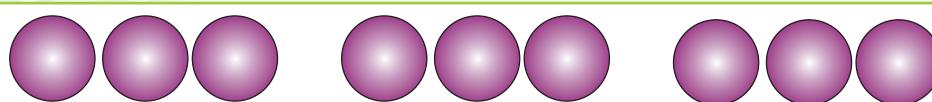
Dirowa swivumbeko ku kombisa leswi landzelaka.

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

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



Tsala nhlayo ya:



Xana ndzi xavile swiluva swingani emakete?



Nhlayo.

--



Teacher:
Sign:

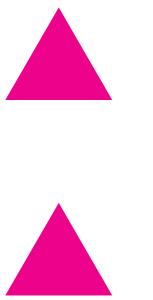
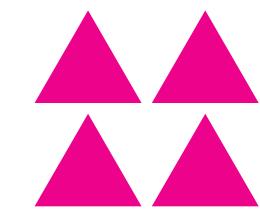
Date:



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



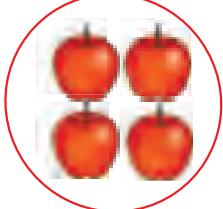
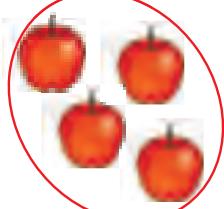
2 wa mintlawa ya 4



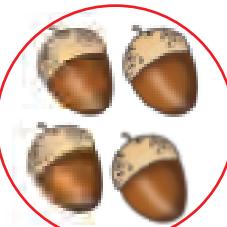
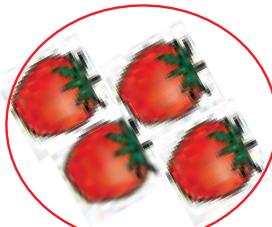
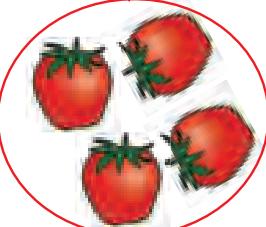
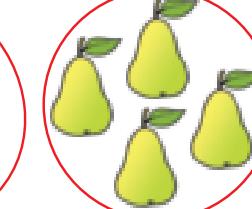
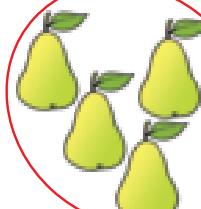
1 intlawa wa 4



Tsala nhlayo ya leswi landzelaka:



$$4 + 4 =$$



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Date:

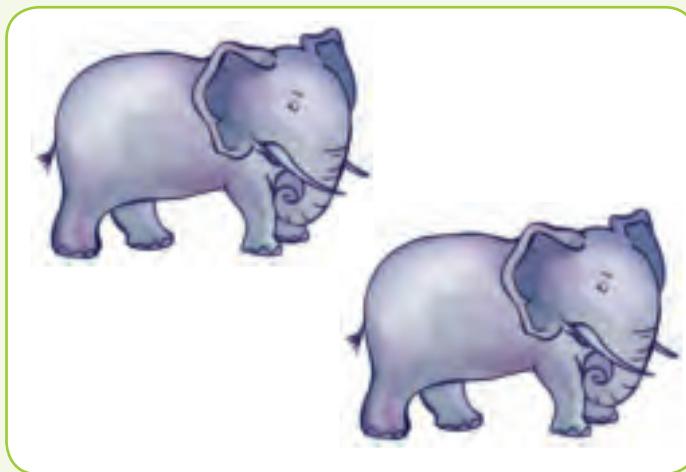
Ku hlanganisa loku vuyeleriweke ka vumune ku fika eka khume



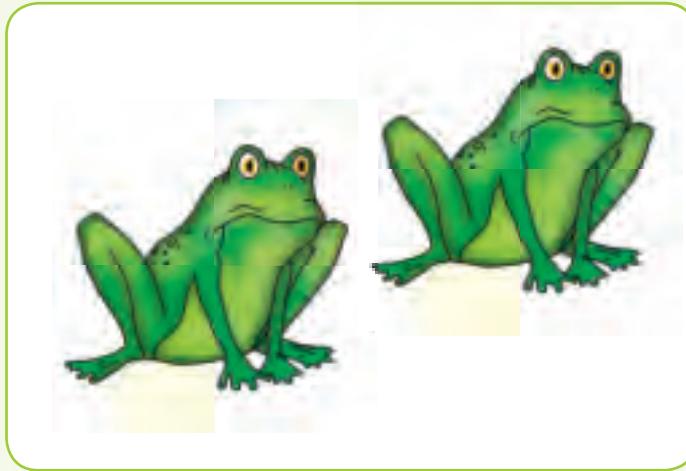
Ku na milenge yingani? Tsala nhlayo ya yin'wana na yin'wana.



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



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



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



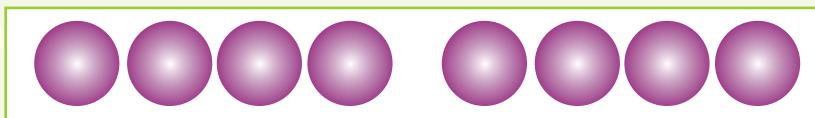


Dirowa swivumbeko ku kombisa leswi landzeka.

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



Tsala nhlayo ya:



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



Nhlayo.

--



Teacher:
Sign:

Date:

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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?

Yi tsale tanihi nhlayo.

$$5 + 5 =$$



Dirowa swirhendzevutana eka leswi landzelaka ku endla:

1 ntława wa 5



2 wa mintlawa ya 5



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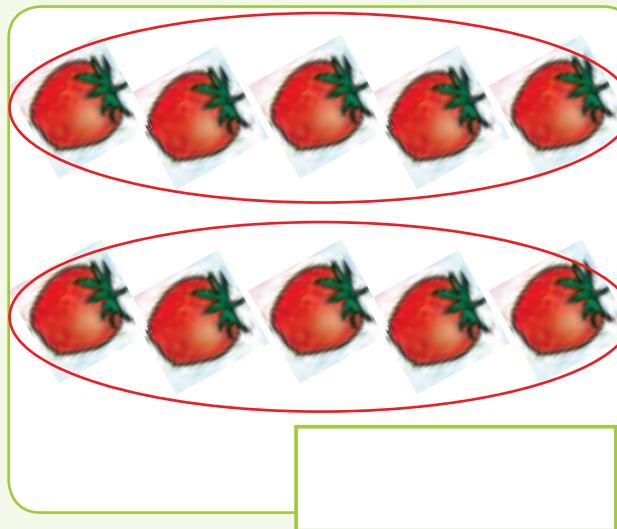
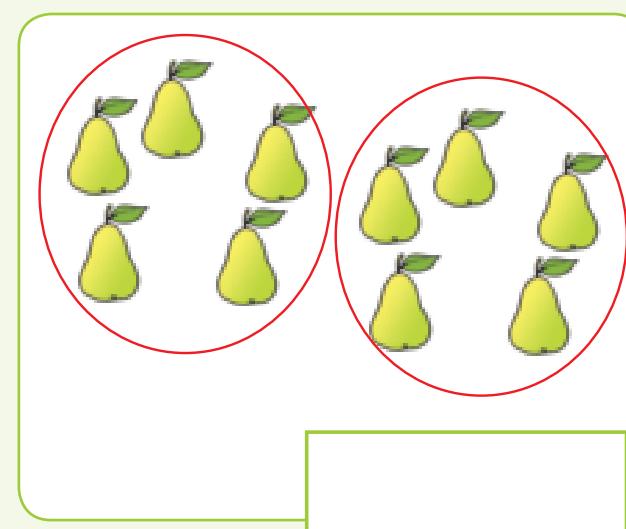
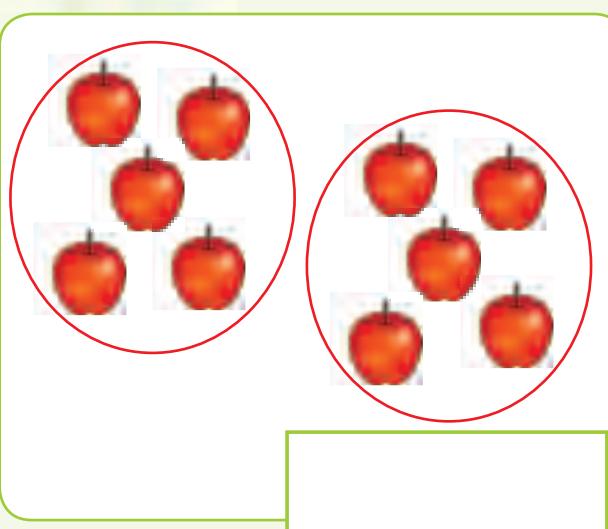
2 wa mintlawa ya 5



Intlawa wa 5



Tsala nhlayo ya leswi landzelaka:



11

12

13

14

15

16

17

18

19

20

Teacher:
Sign:

Date:





Ku hlanganisa loku vuyeleriweke ka vuntlhanu
ku fika eka 10

Ku na tintiho kumbe swikunwana swingani?



10

1 2 3 4 5 6 7 8 9 10



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:

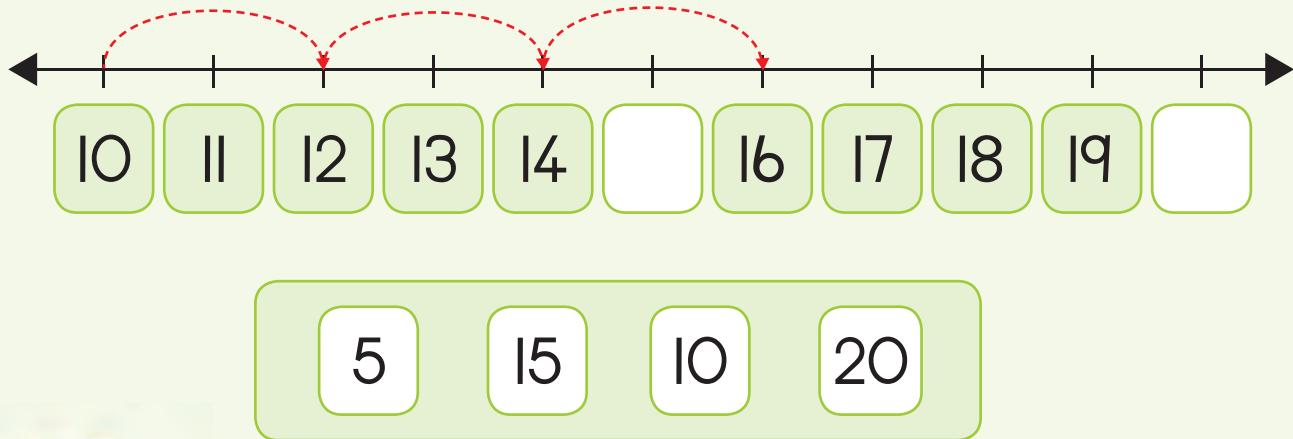
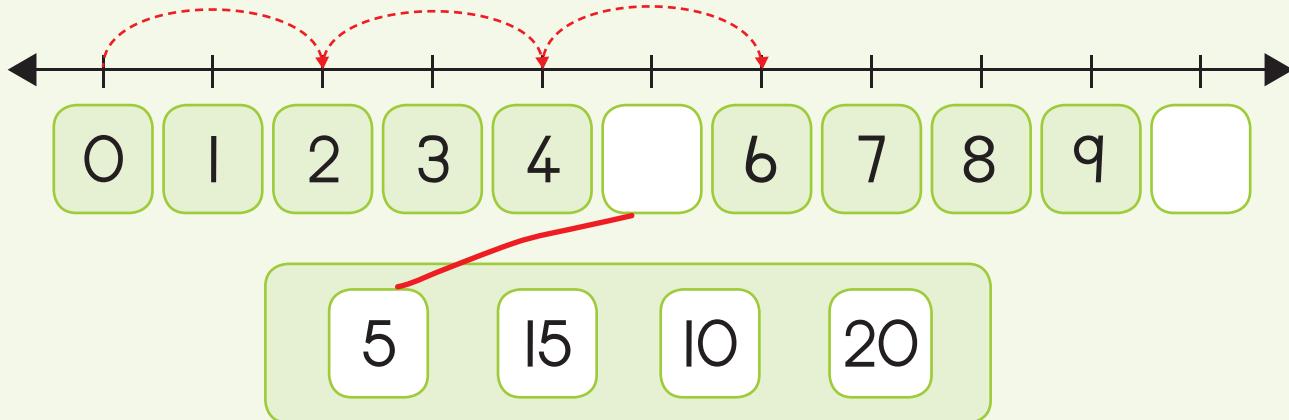


Teacher:
Sign:
Date:



Tipatironi ta ntłhanu ku fika eka 20

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

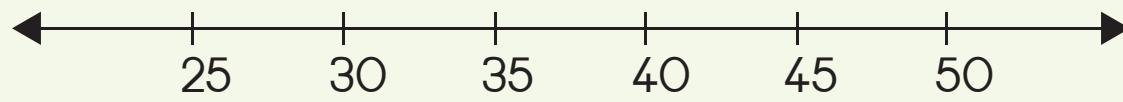
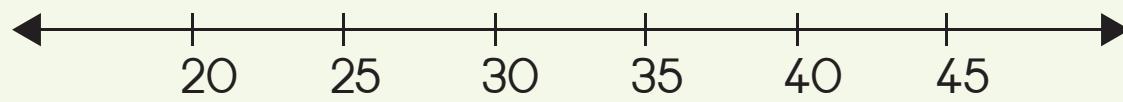
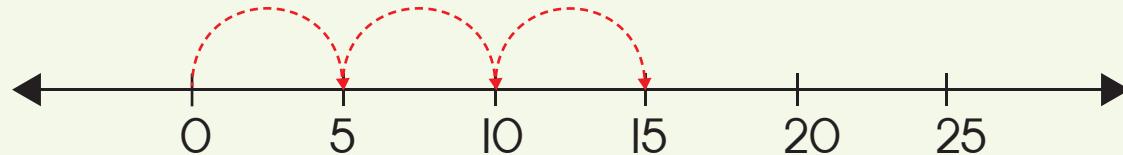


Hetisa patironi hi ku khalara tinomboro.

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



Dirowa mithamuko ku kombisa leswi landzelaka.



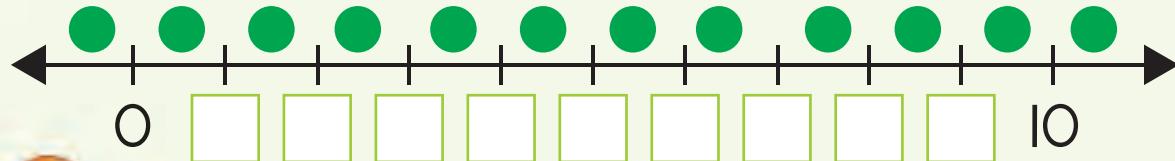
5q

Kotara ya 2



Tata tinomboro leti siyeweke.

Tipatironi ta khume

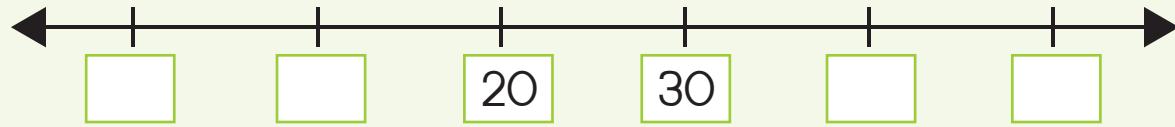


Dirowa 10 wa vuhlalu exikarhi ka swikhandlu kutani u yelanisa nomboro na buloko leyi faneleke.



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

50 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		



Teacher:
Sign:
Date:



60a

Kotara ya 2



Yelanisa mali leyji landzelaka.

Tinomboro na mali

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



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1 2 3 4 5 6 7 8 9 10



Mali: Ya phepha na ya swingwece

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



R100

R50

R10



R1

R5

R10



R1

50c

5c



R20

R5

R10



Teacher:

Sign:

Date:

60b

Kotara ya 2



Tinomboro na mali (Swi yisiwa emahlweni)

Bana xirhendzevutana eka hinkwaswo:

swingwece swa 5c



swingwece swa 10c

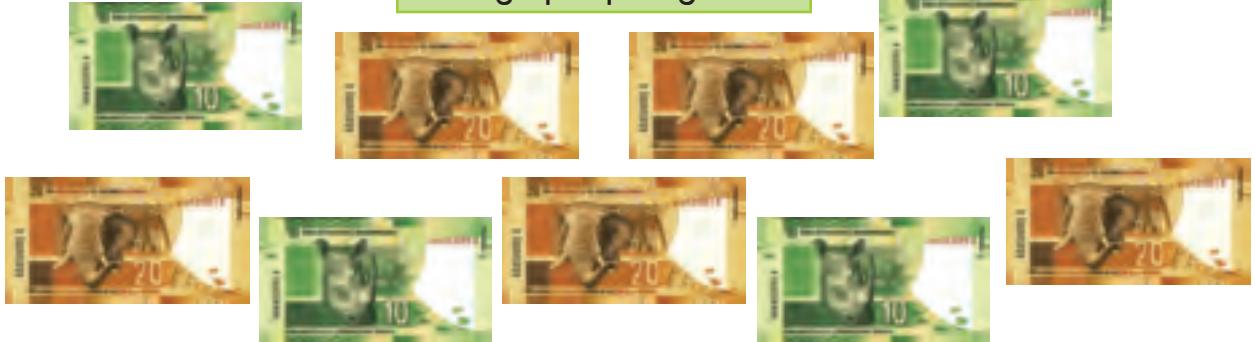


swingwece swa 20c



Bana xirhendzevutana eka hinkwato:

Mali ya phepha ya 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:
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Date:

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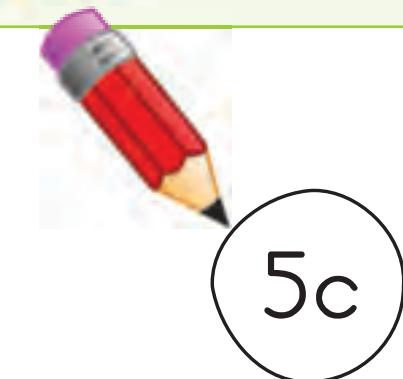


Mali na cinci



Dirowa swingwece leswi nga ta ku nyika ntsengo wa:

a.



10c

b.

20c

c.

15c



130



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.



5c



20c



15c



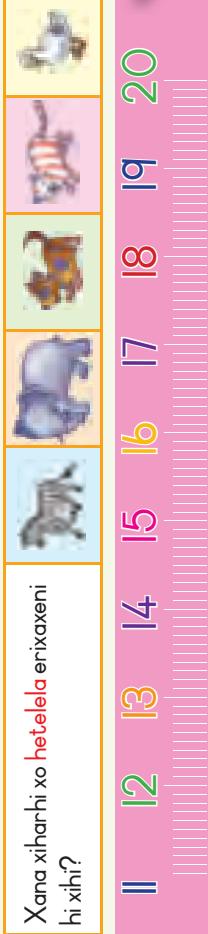
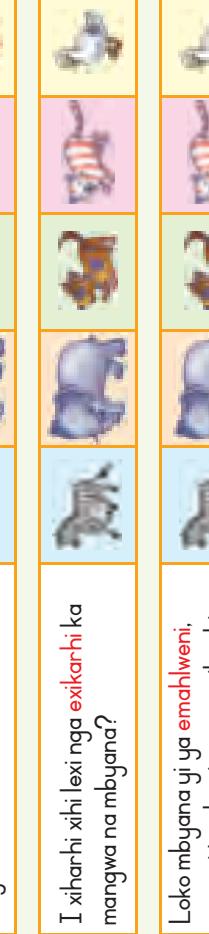
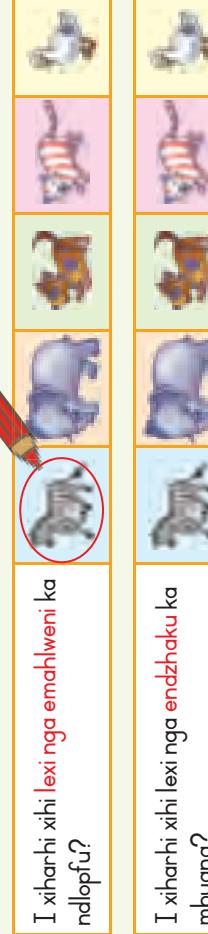
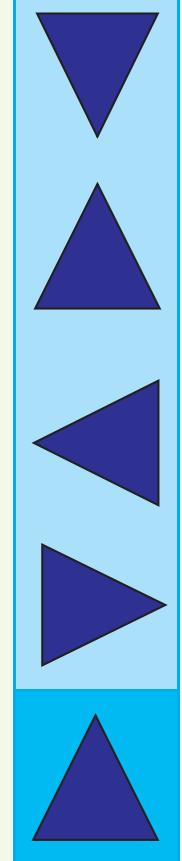
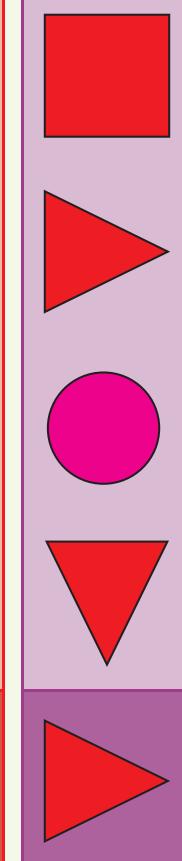
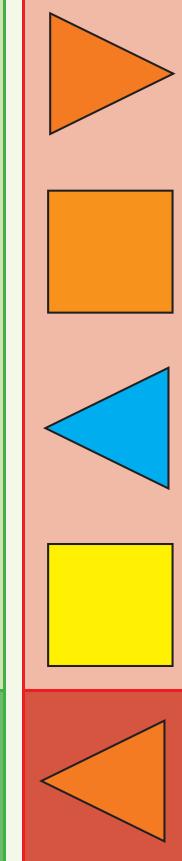
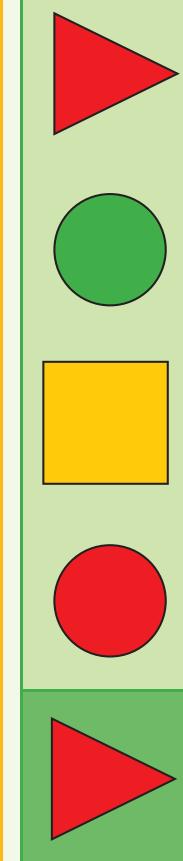
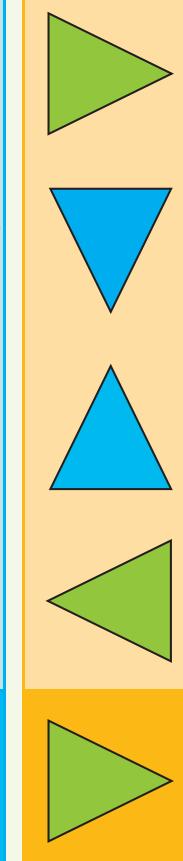
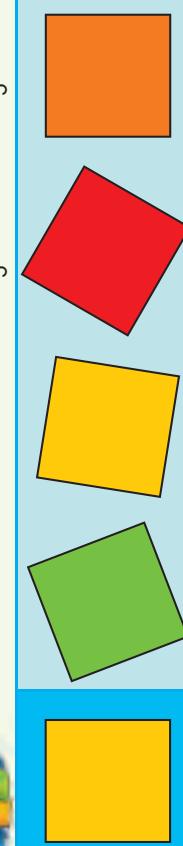
10c



Teacher:
Sign:
Date:

Xivumbeko, tlheloo na xijimo

Lava u tlheloo uba xirhendzevutana eka xivumbeko lexi ngana xivumbeko na tlheloo leswi fanaka na swa xivumbeko lexi ngana ebokisini ro sungula.

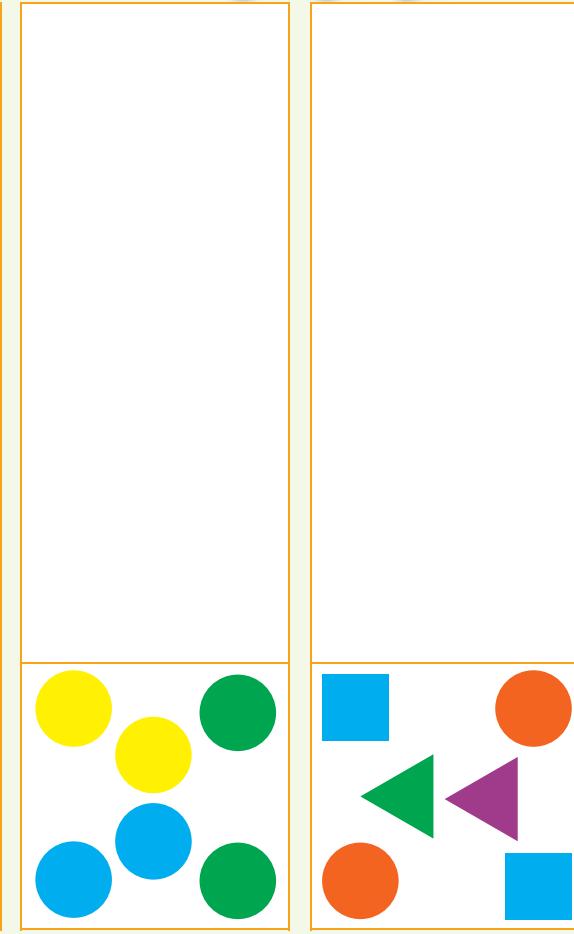
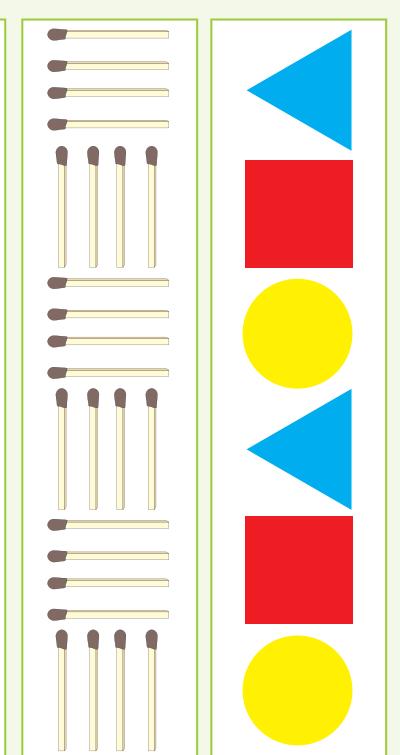
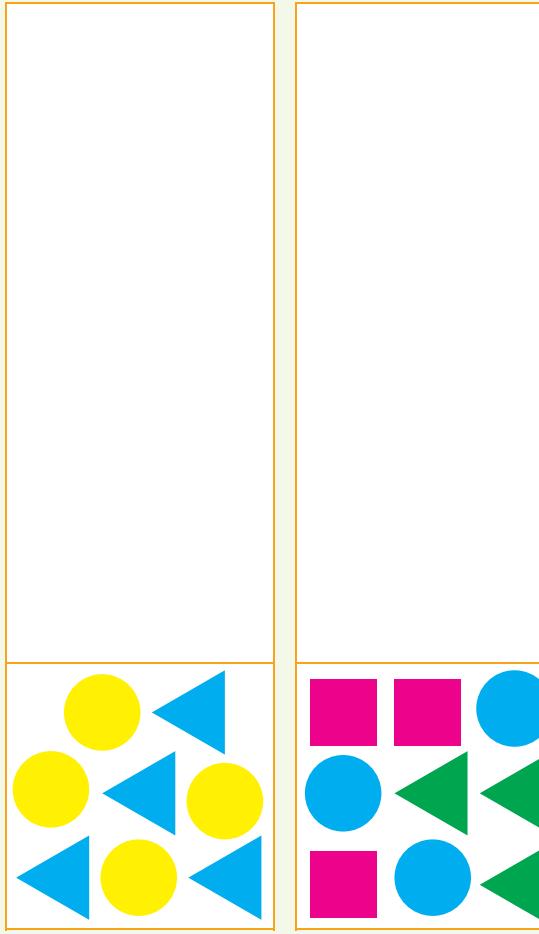
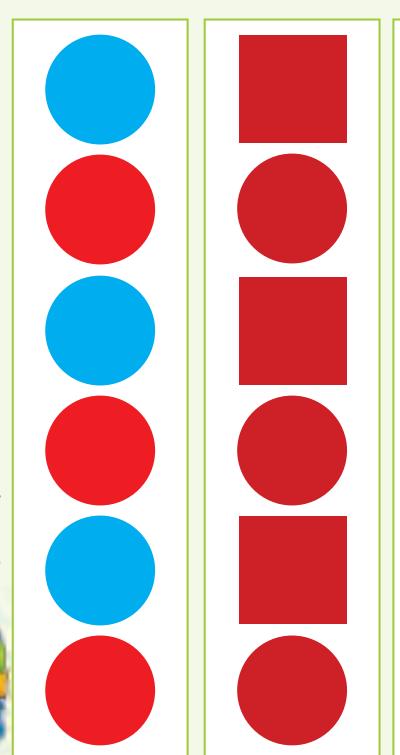


64a

Tipatironi ta swivumbeko swa jometiri

Engetela patironi hi xivumbeko xin'wana xin'we.

Kotara ja 2



Teacher:
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Date: _____

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64b

Swivumbeko swa matħelō ma2 na minchumu ya matħelō ma3

Khalara swivumbeko.

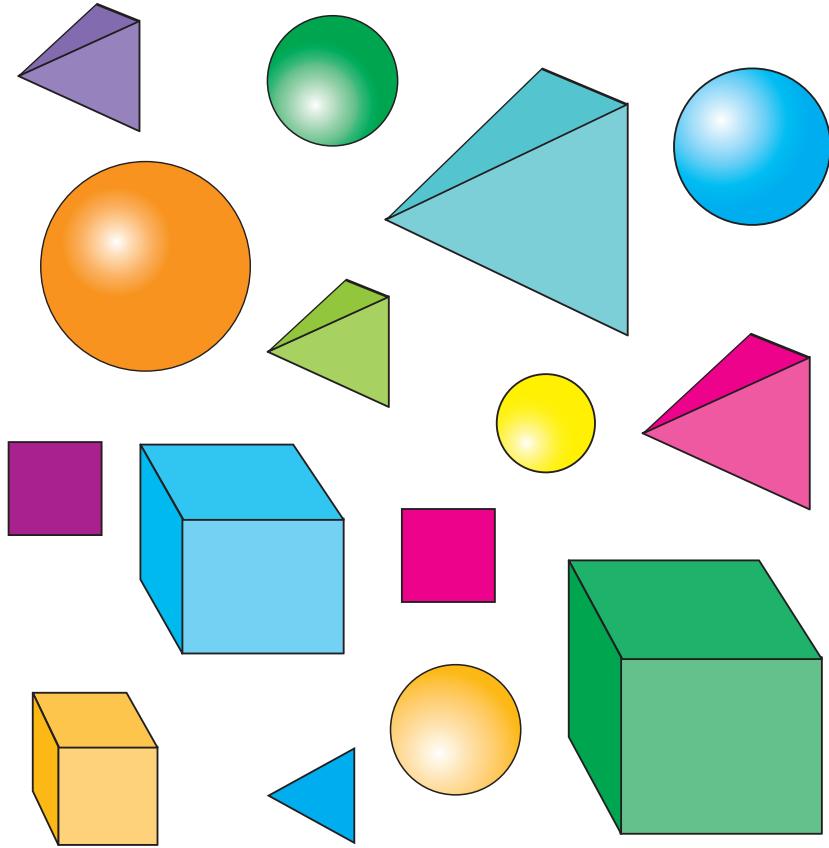
Khalara swikwere  hi muhlovo wo tshwuka.
Khalara swirħendżevutana  hi muhlovo wa wasi.
Khalara tijinhlanharhu  hi muhlovo wa riħlaza.

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

Swivumbeko na minchumu yo kħomeka

Bana swirħendżevutana
eka swivumbeko.

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



Teacher:
Sign:
Date:

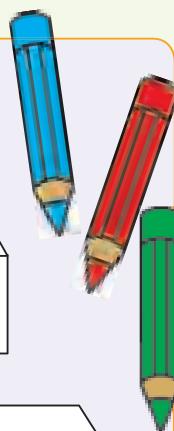
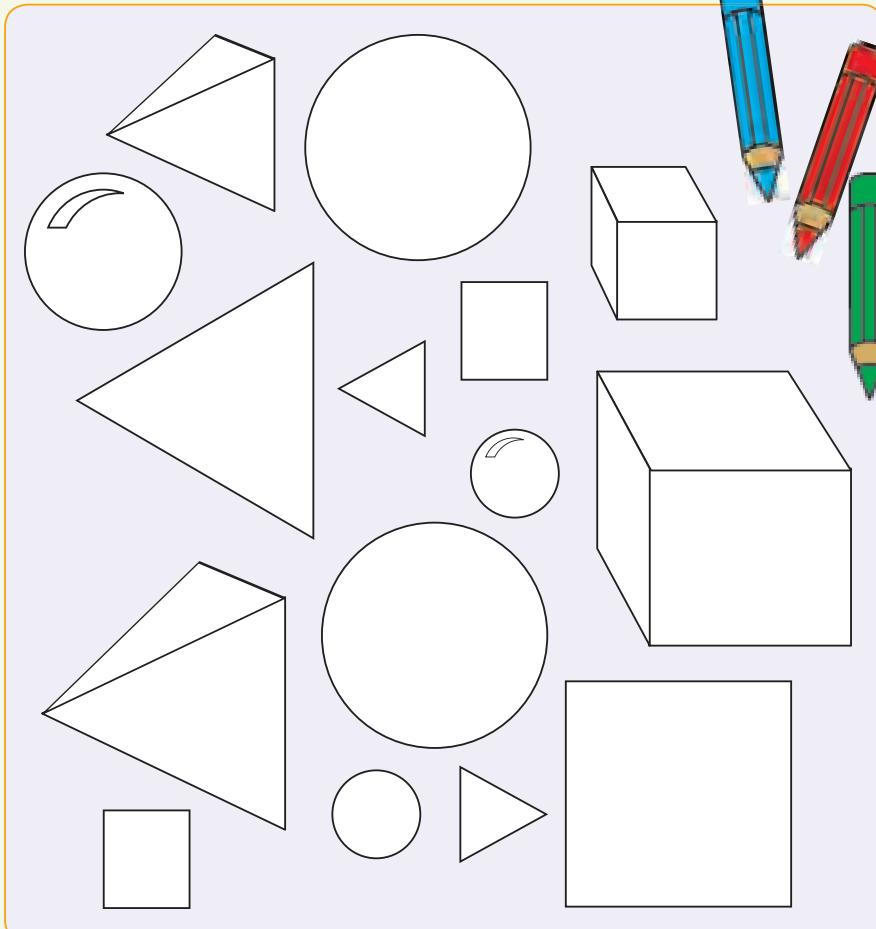
139

12 13 14 15 16 17 18 19 20

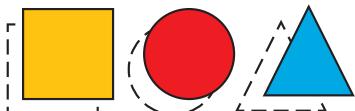
Kotara ja2

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2 3 4 5 6 7 8 9 10

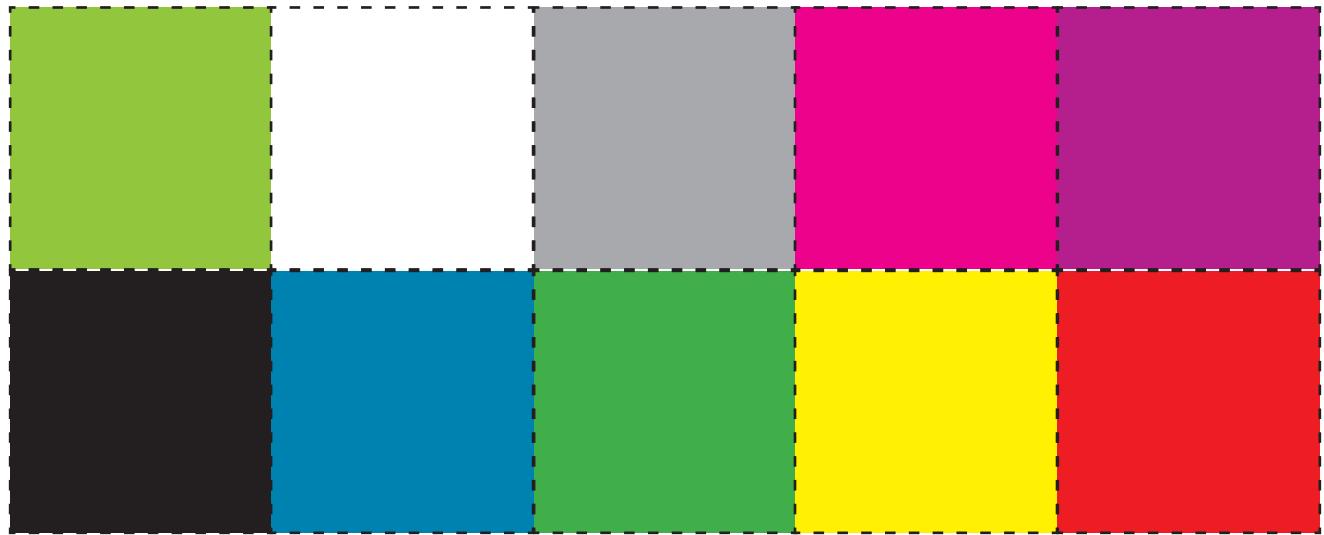
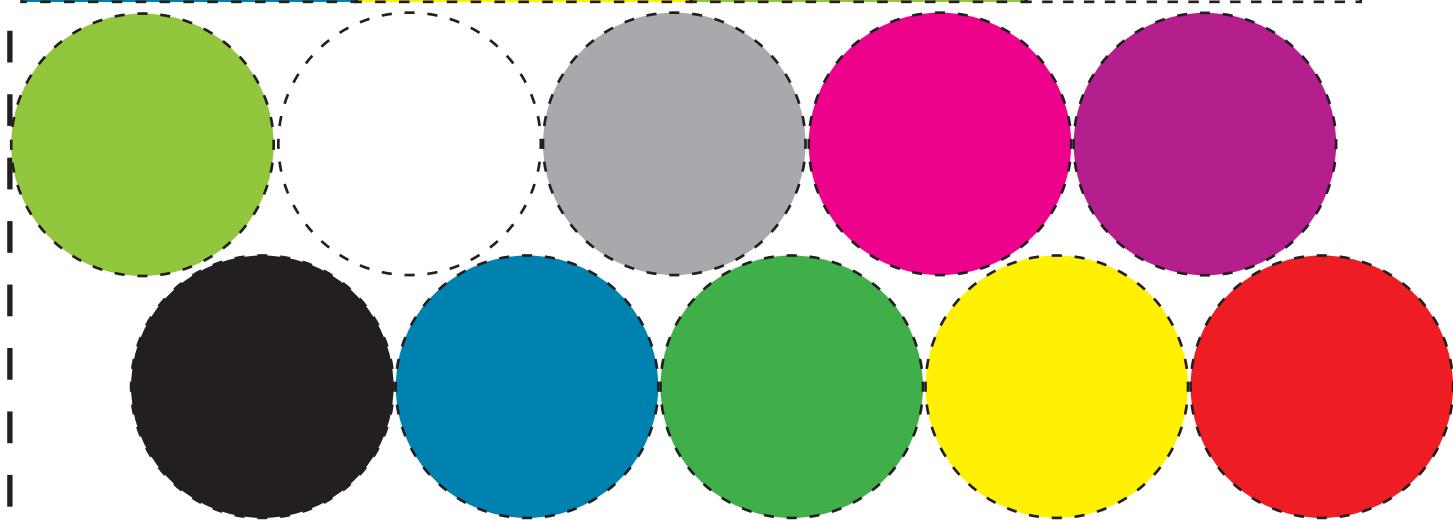
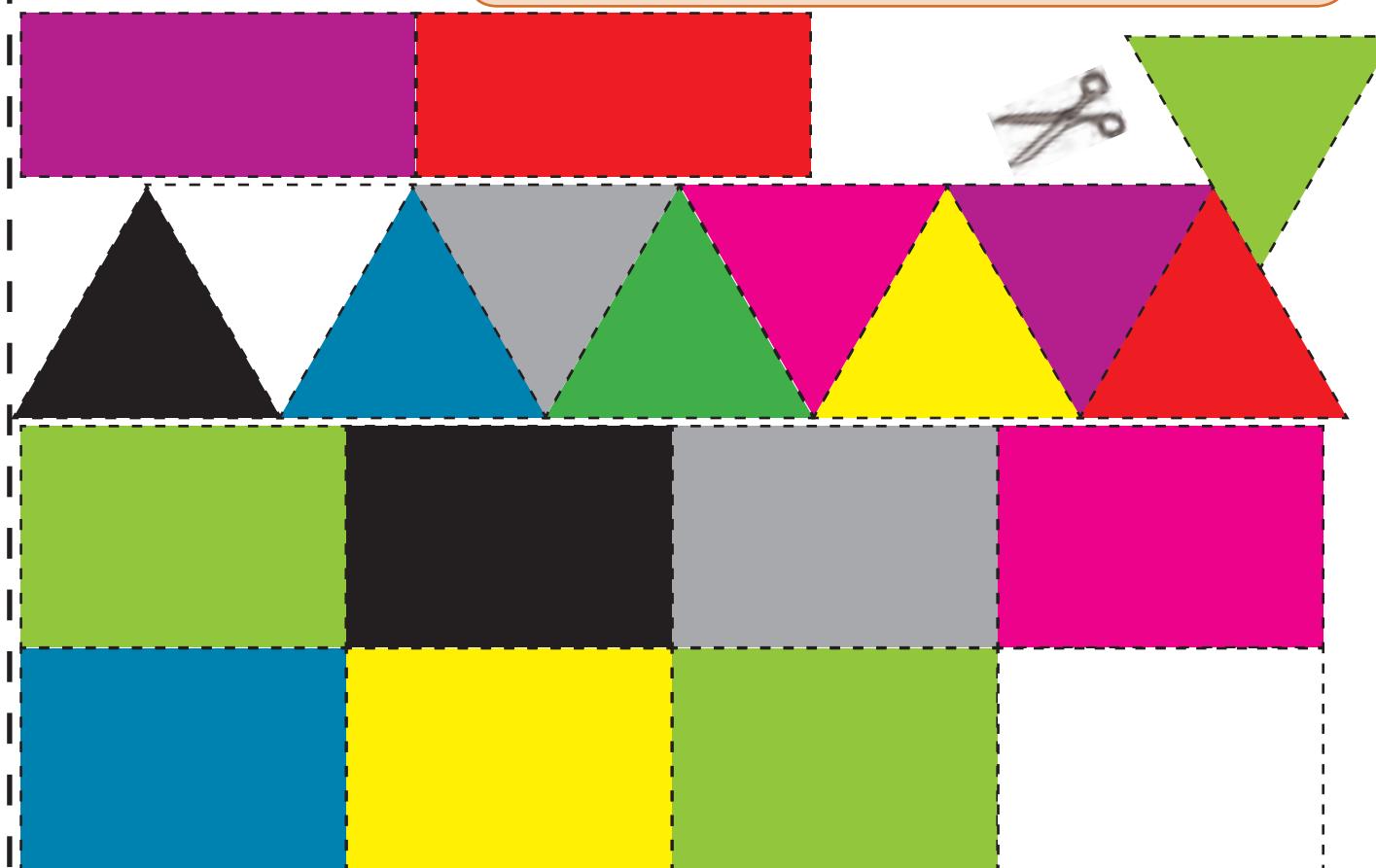


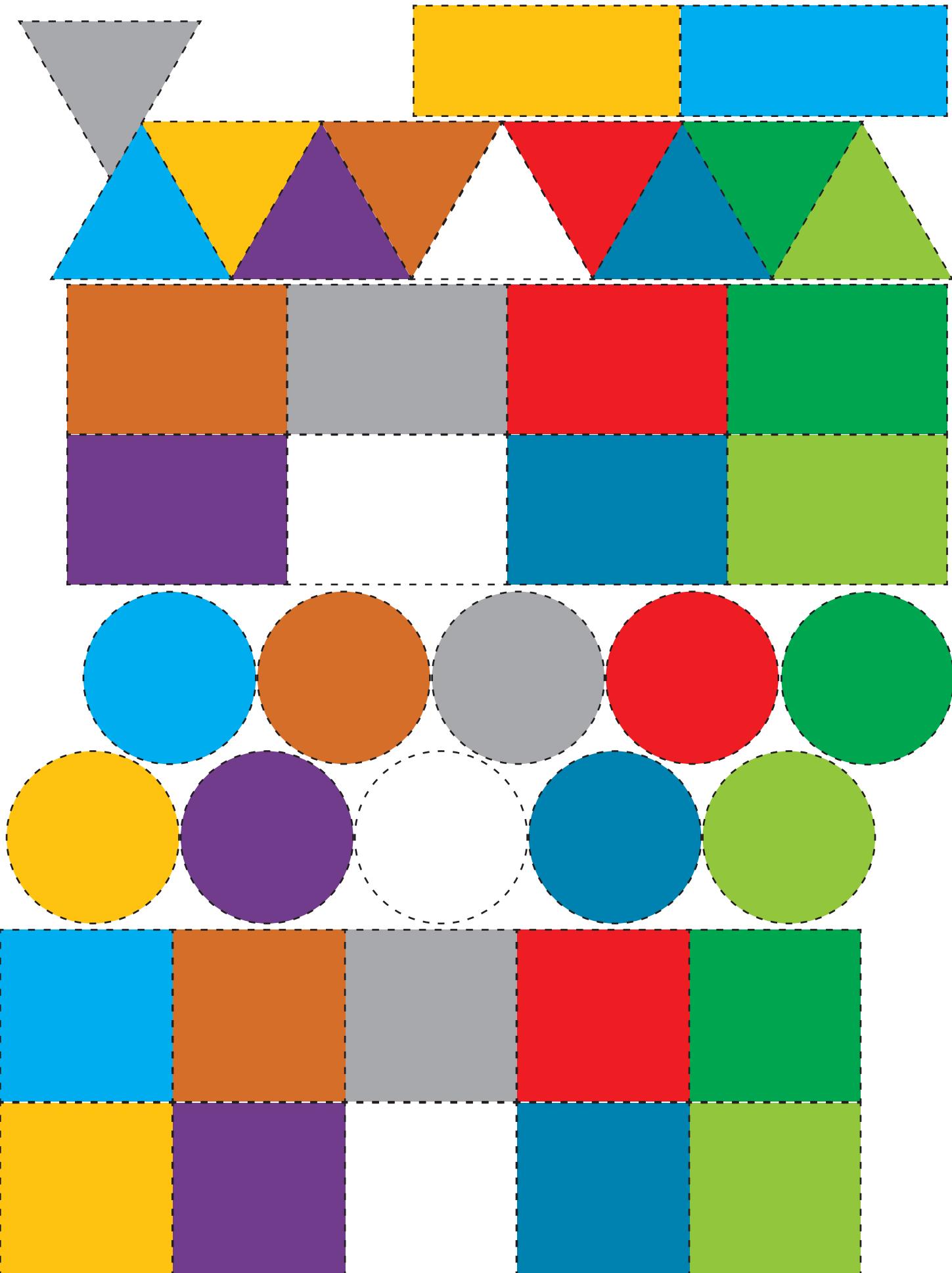
11 12 13 14 15 16 17 18 19 20

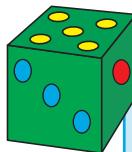


Shapes:

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

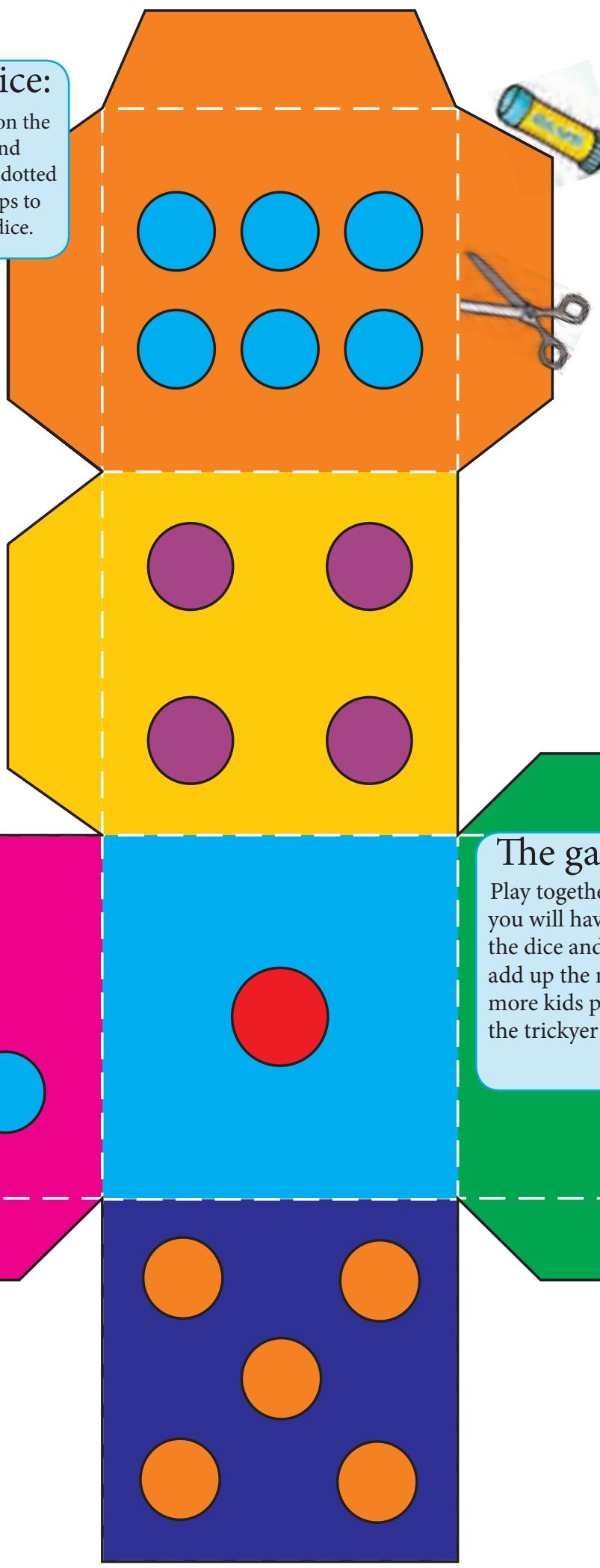






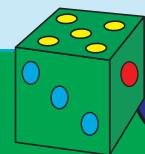
Make a dice:

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

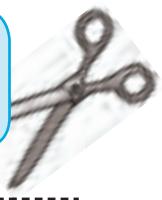


The game:

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



Use these cut outs
numbers to complete
the number board.



20 40

10 60

90 80

50 30

100 70

