

Manana Angie Motshekga, Holobye wa Dyondzo ya Masungulo



Nkulukumba Enver Surty, Xandla xa Holobye wa Dyondzo ya Masungulo

Tibuku leti to tirhela ti endleriwe vana va Afrika-Dzonga ehansi ka vurhangeri bya Holobye wa Dyondzo ya Masungulo, Manana Angie Motshega, na Xandla xa Holobye wa Dyondzo ya Masungulo, Nkulukumba Enver Surty.

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

Hi tshemba leswaku tibuku leti ti ta pfuna vadyondzisi eka migingiriko ya vona yo dyondzisa ya masiku hinkwawo no tiyisisa leswaku vadyondzi va vona va kota ku heta kharikhulamu. Hi tiyisise no 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 leswaku vana va ta tiphina no tsakela ku tirha migingiriko leyi nga ebukwini loko va ri karhi va ya emahlweni no dyondza, na leswaku wena, mudyondzisi, u ta tsaka swin'we na vona.

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



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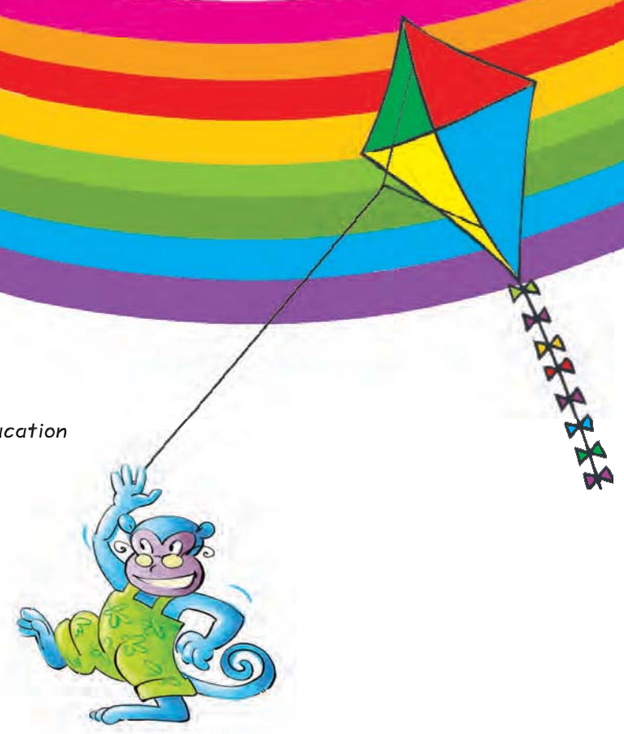

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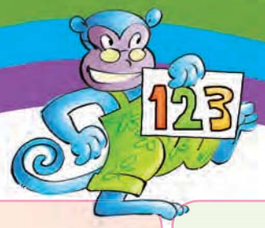

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Giredi ya 1

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Matematiki



XITSONGA

Buku ya 1

Buku leyi i ya:

Ku landzelerisa no yelanisa

Pfuna nhwanyana ku kuma switlangiso swa yena.



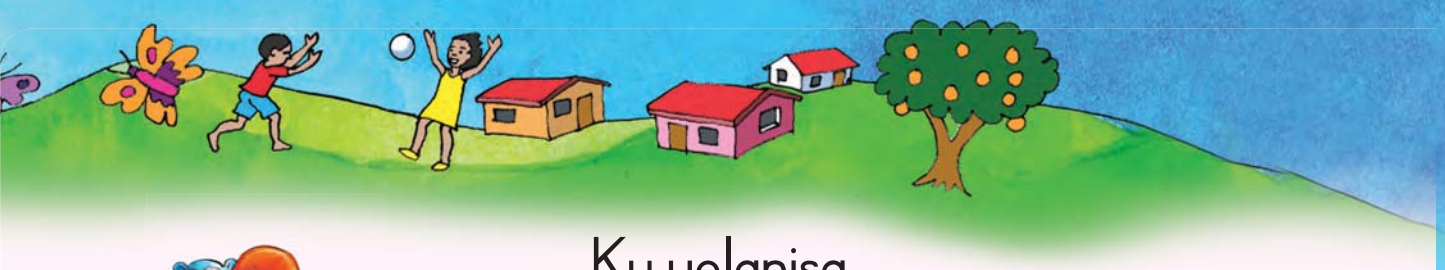
SUNGULA





HETA





Ku yelanisa

Lava xifaniso lexi fanaka na lexi nga ebokisini ro sungula.



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Swivumbeko na vukulu

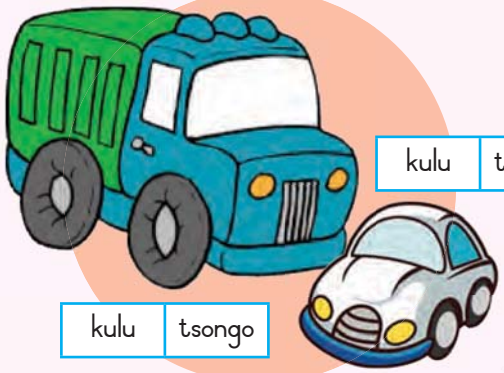
Hi swihi leswikulu?
Hi swihi leswitsongo?

kulu	tsongo



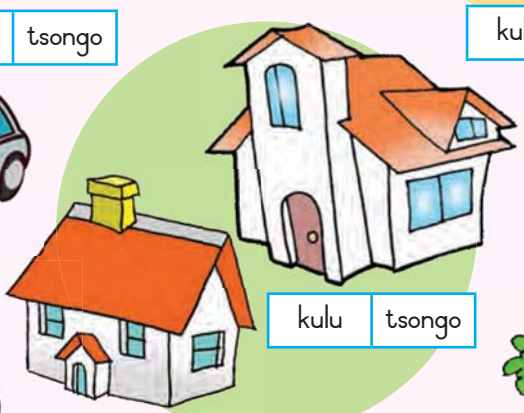
kulu | tsongo

kulu | tsongo



kulu | tsongo

kulu | tsongo



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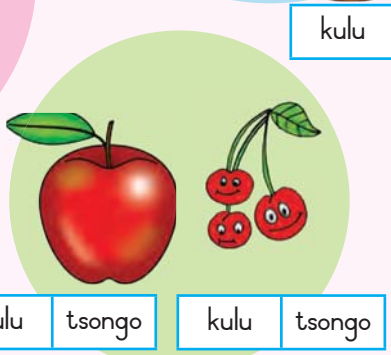

kulu | tsongo

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Vukulu na maritofularha



Boxa leswaku swi njhani.

ku yima hi nhloko no





ku pinyuluka

sayizi leyi ringanaka



koma



leha



endzeni

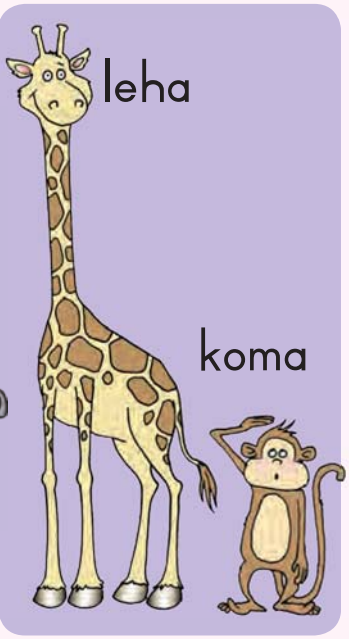
ehandle

nyuhela



ondza

leha



koma

emahlweni

endzhaku





rivilo



ku nonoka

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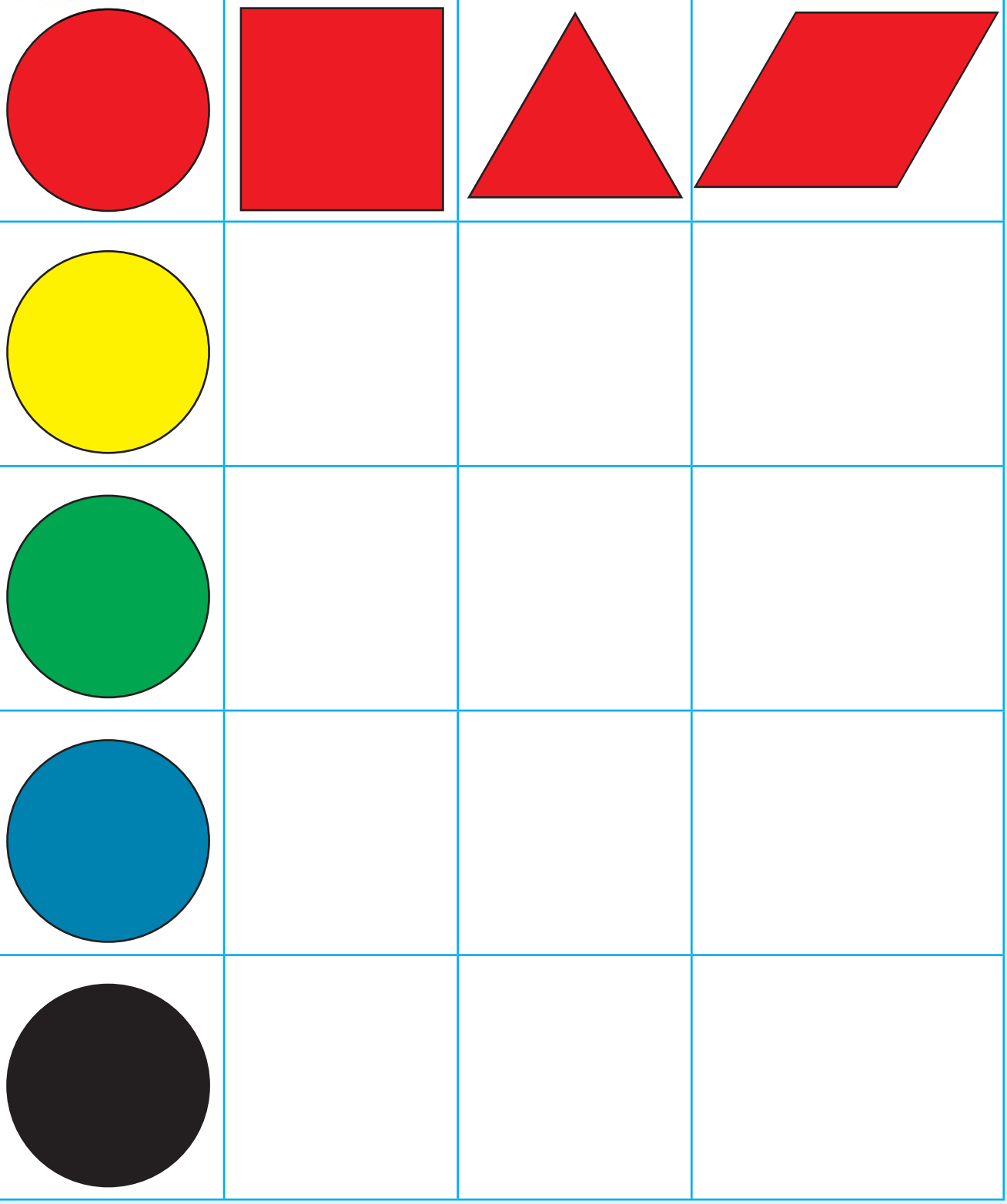
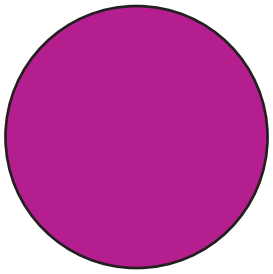
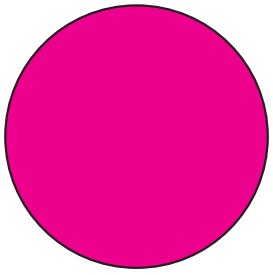
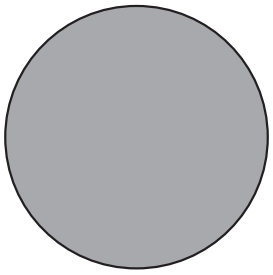
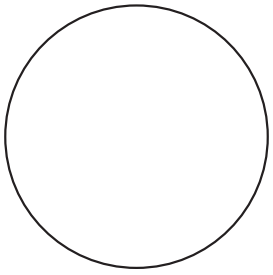
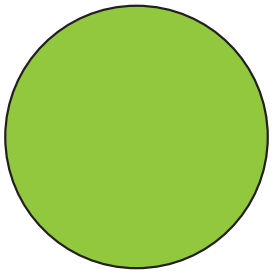
Ku hlawula mihlovo

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 xivumbeko xin'wana na xin'wana.



Eka migingiriko leyi vadyondzi va fanele ku tsema swivumbeko emakumu ya tibuku ta vona. U nga va pfumeleli ku damarheta swivumbeko hikuva va ta fanela ku tlhela va swi tirhisa. Hlayisa swivumbeko exikhwameni lexi nga eku heteleleni ka buku.



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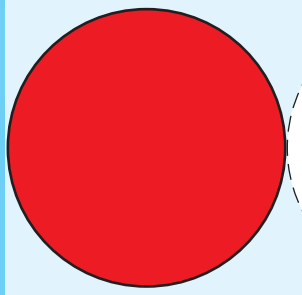
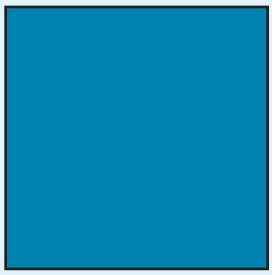
Ku hlawula no yelanisa swivumbeko

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





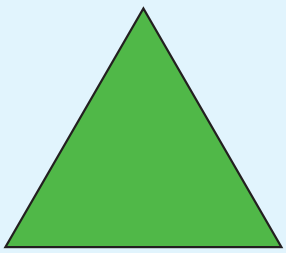
Lava swikwere leswi tsemiweke kutani u swi nghenisa eswivandleni leswi.





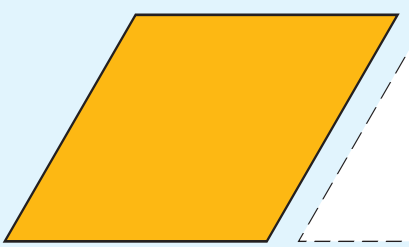


Lava swikwere leswi tsemiweke kutani u swi nghenisa eswivandleni leswi.





Lava swikwere leswi tsemiweke kutani u swi nghenisa eswivandleni leswi.









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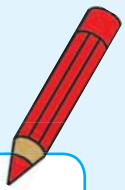
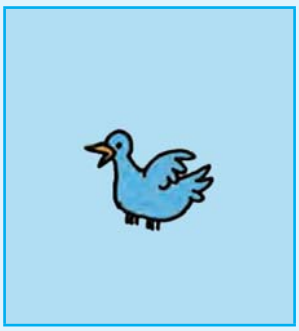
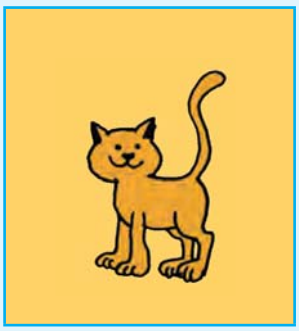
Lava u tlhela u hlayela

Hlayela leswaku ku na swiharhi swingani exifanisweni xa pheji ra II kutani u tsala nomboro leyi faneleke ebulokweni.







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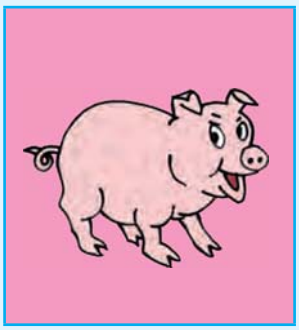



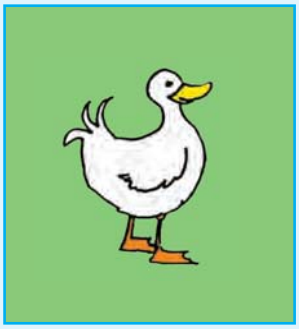

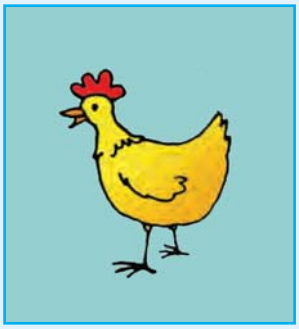



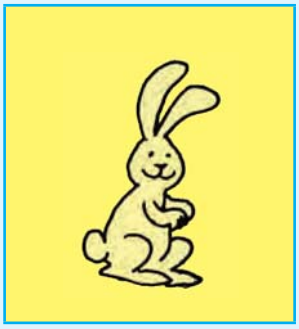



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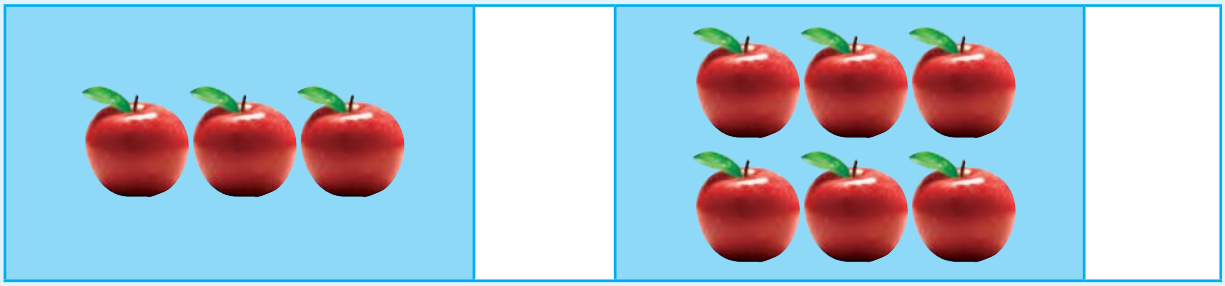
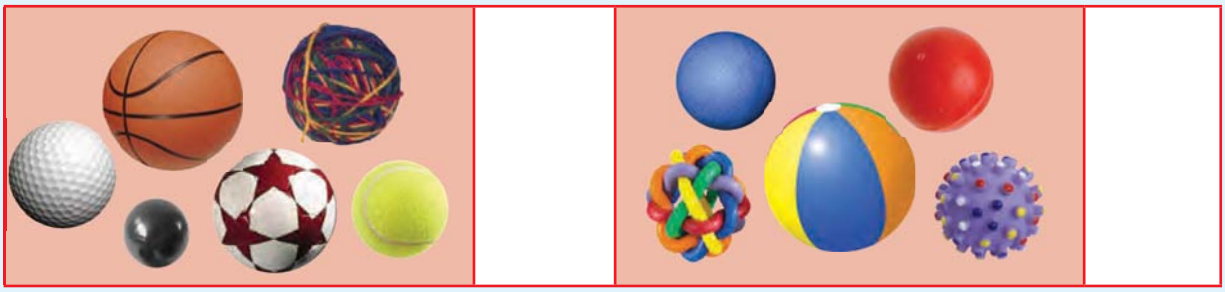
Swo tala kumbe leswitsongo

Fungha bokisi hi nhlayo leyi faneleke eka rixaxa rin'wana na rin'wana.





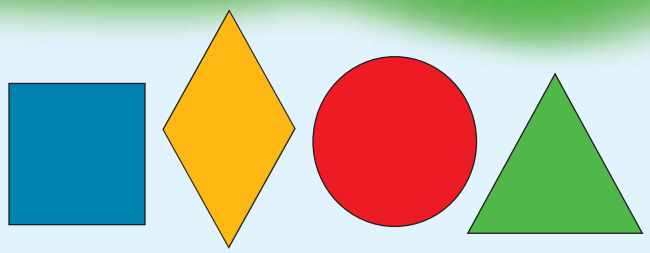












Swo tala

Hlayela swivumbeko leswi nga laha henhla. Tirhisa swivumbeko swa wena leswi tsemiweke kutani u nghenisa swivumbeko leswitsongo ebokisini leri.

Leswitsongo

Nghenisa swivumbeko swo tala ebokisini leri.

Ku ringana

Nghenisa ntsengo lowu ringanaka wa swivumbeko ebokisini leri.

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Tinomboro

Xana ku na mangani? Hlayela matandza kutani u landzelerisa nomboro.



3



5



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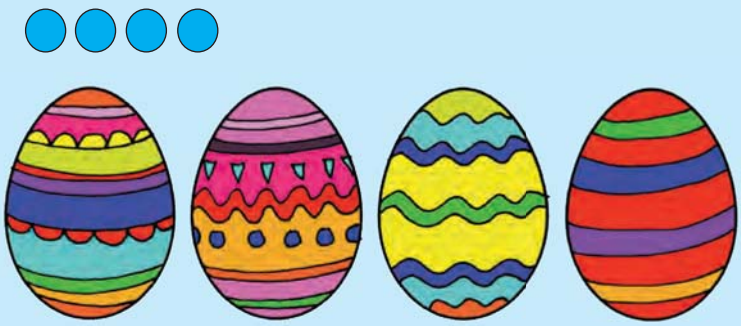

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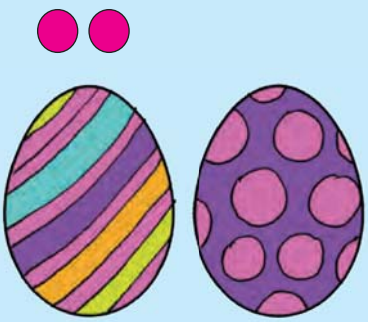





Lava tinomboro leti fanaka na tinomboro leti nga eka tibuloko to sungula. Bana swirhendzevutana eka tona.

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8	9 8 5 8 2 7 3 6 9 3 5 9 6 5 2 5 8 3 4
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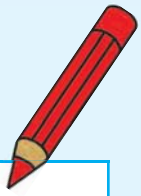
Ku hlayela

Hlayela malamula na maapula kutani u tsala nomboro.



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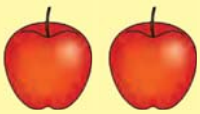	
	
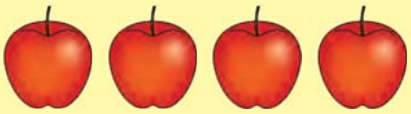	
	
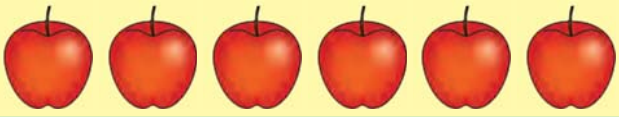	
	
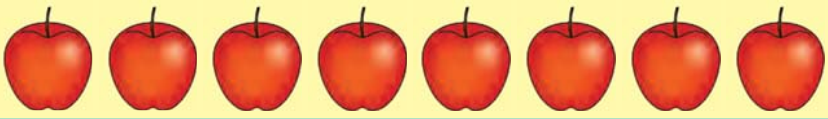	
	
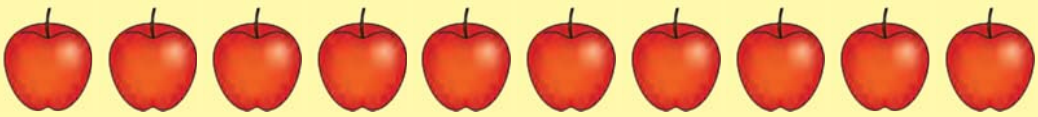	





Xana ku na swingani?

















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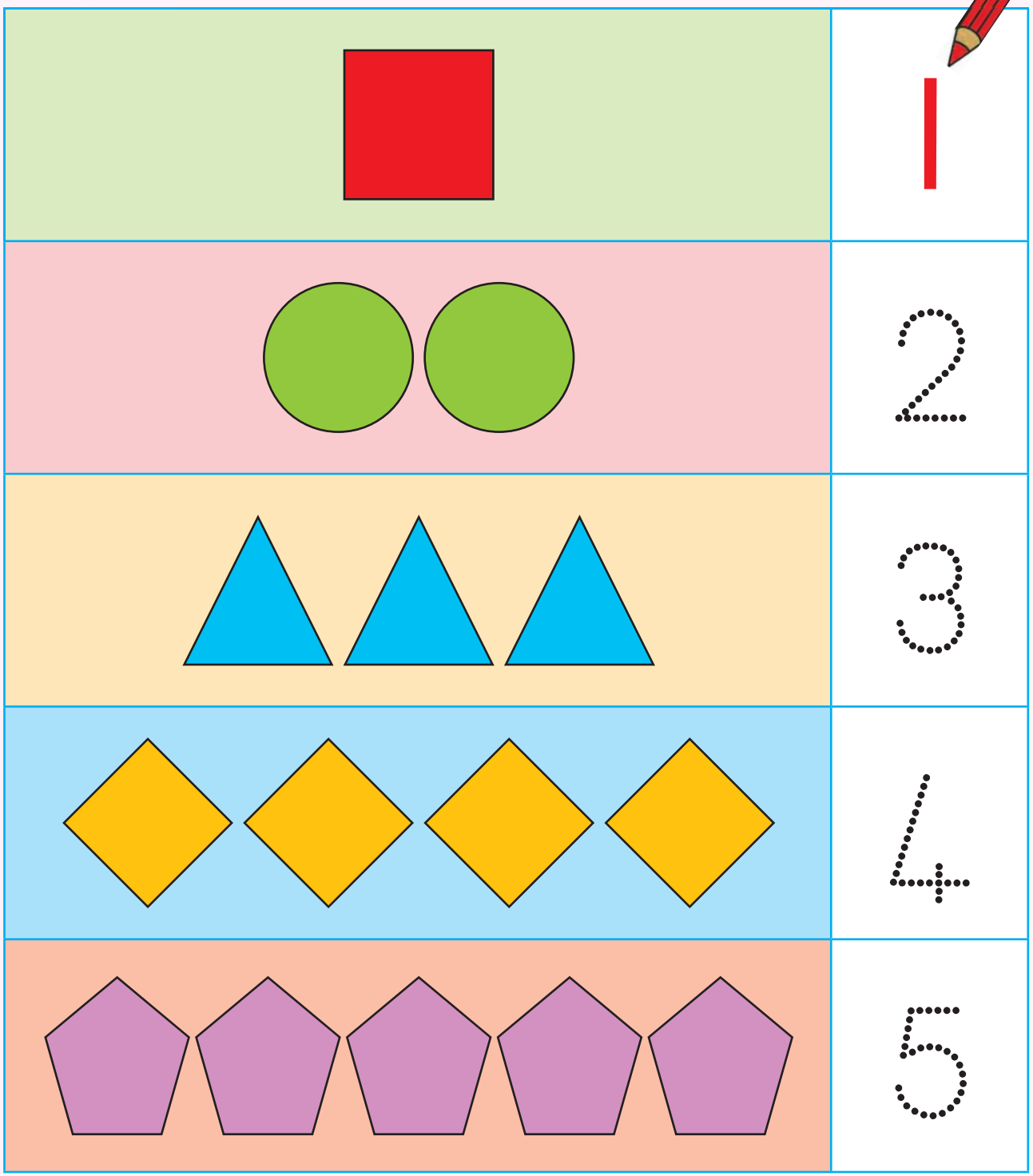
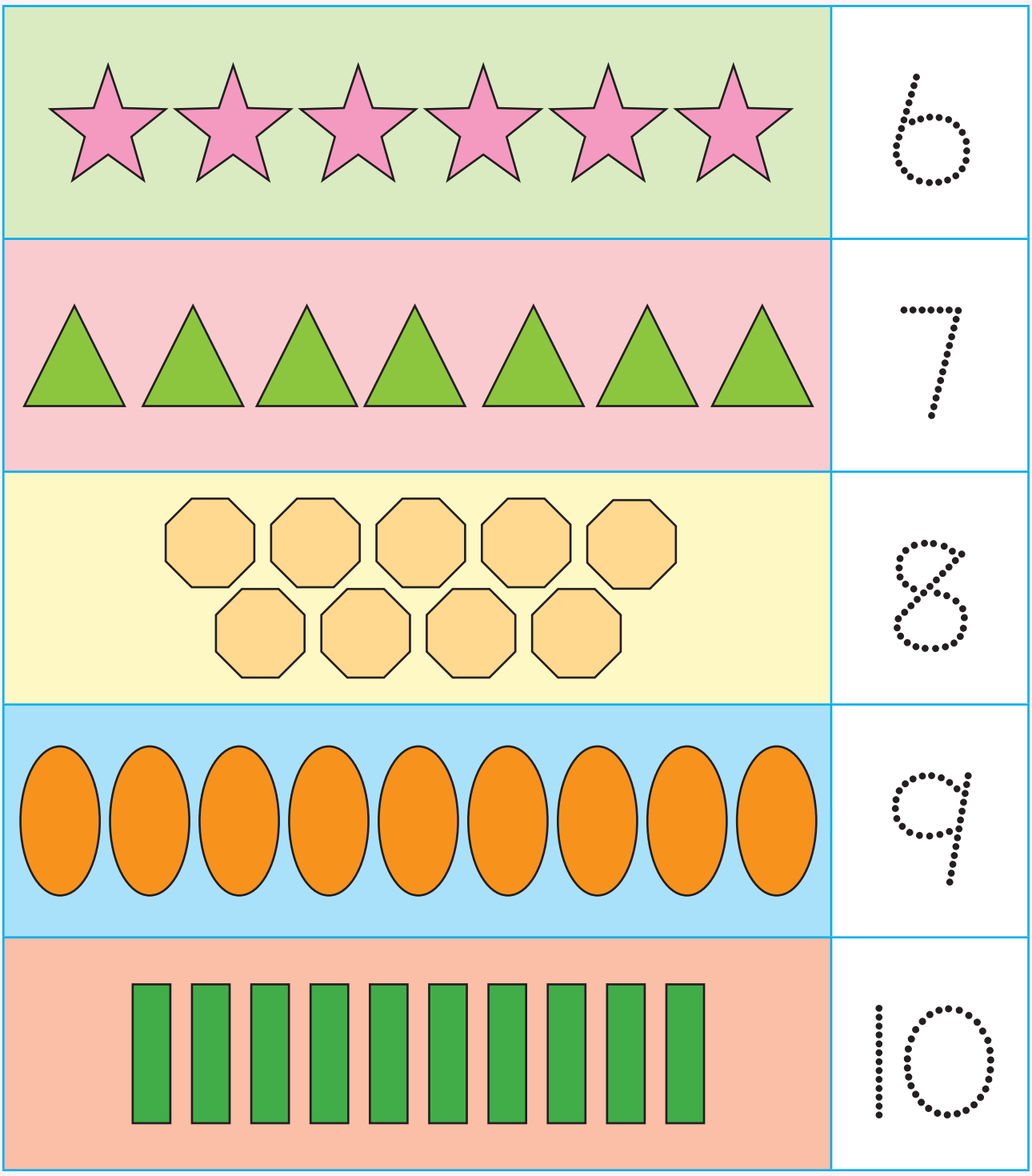
Ku hlayela swivumbeko

Hlayela swivumbeko leswi kutani u tata nomboro.









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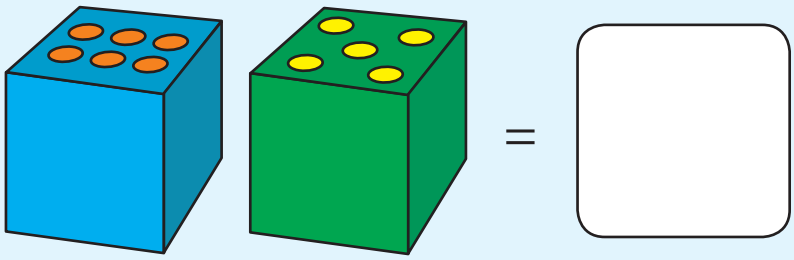
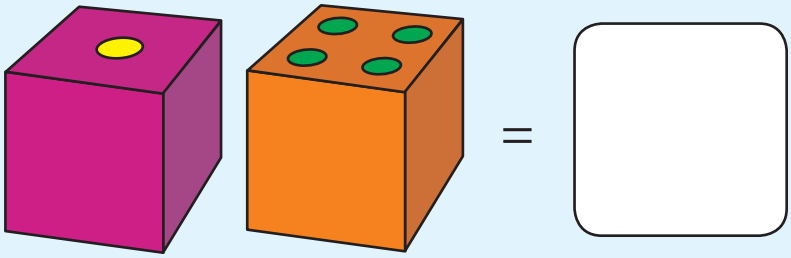
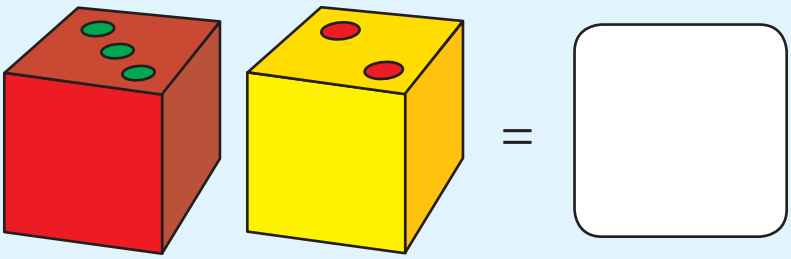
Ku hlayela no tsala

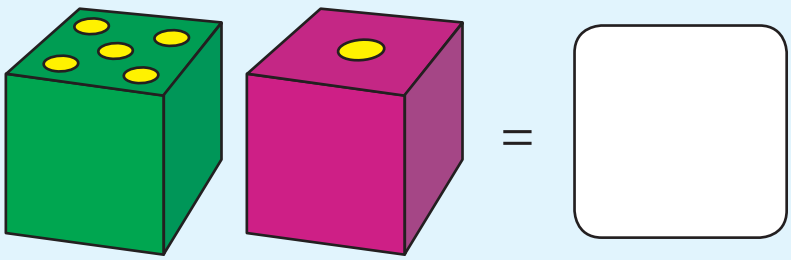
Hlayela mathonsi eka madayisi lama kutani u tsala nhlamulo. (Tsema dayisi emakumu ya buku. Wena na munghana wa wena hlayelani mathonsi emadayisini ya n'wina.)

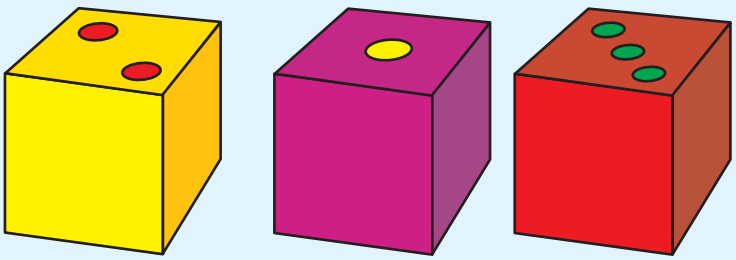








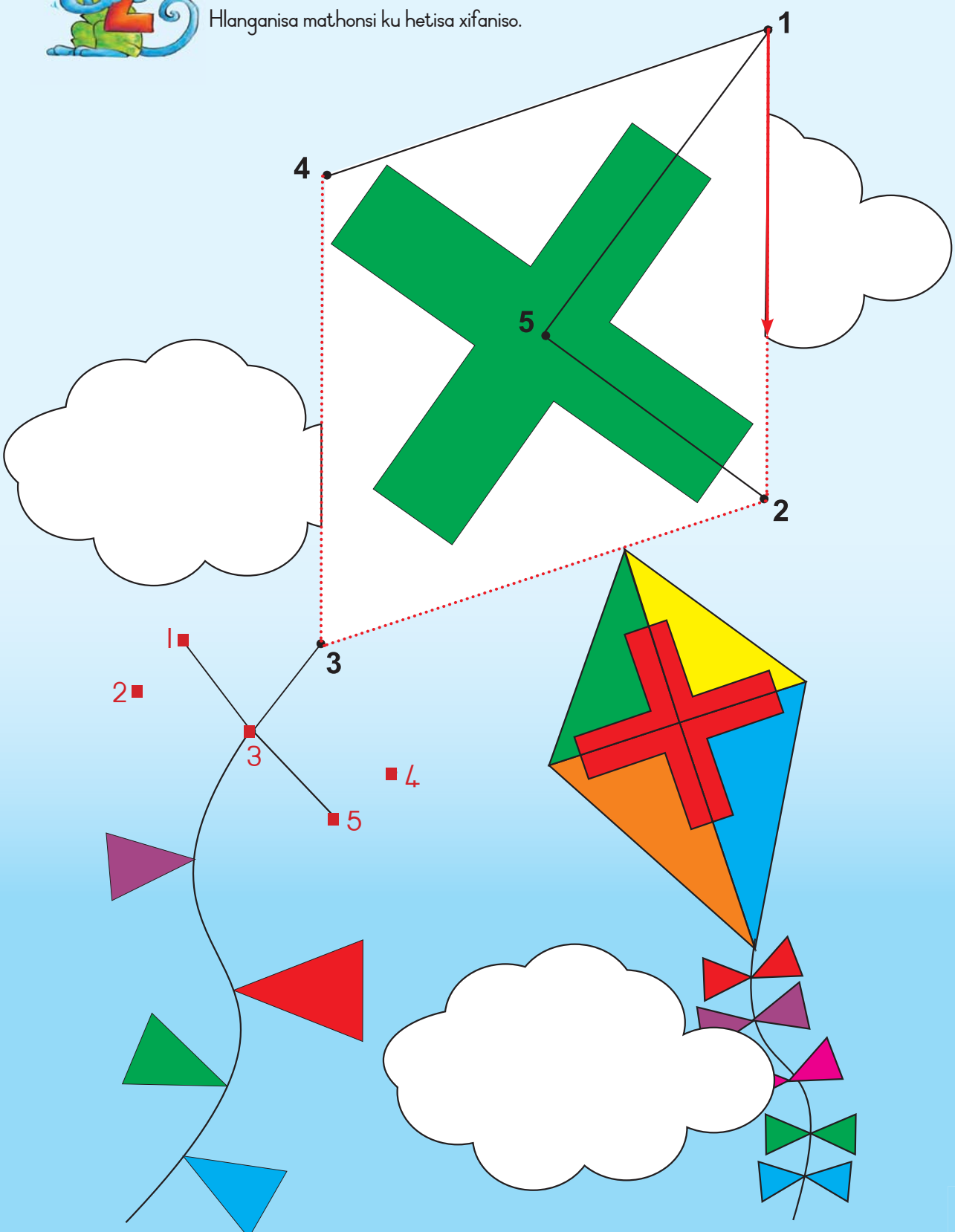






Ku suka eka thonsi rin'we ku ya eka rin'wana

Hlanganisa mathonsi ku hetisa xifaniso.



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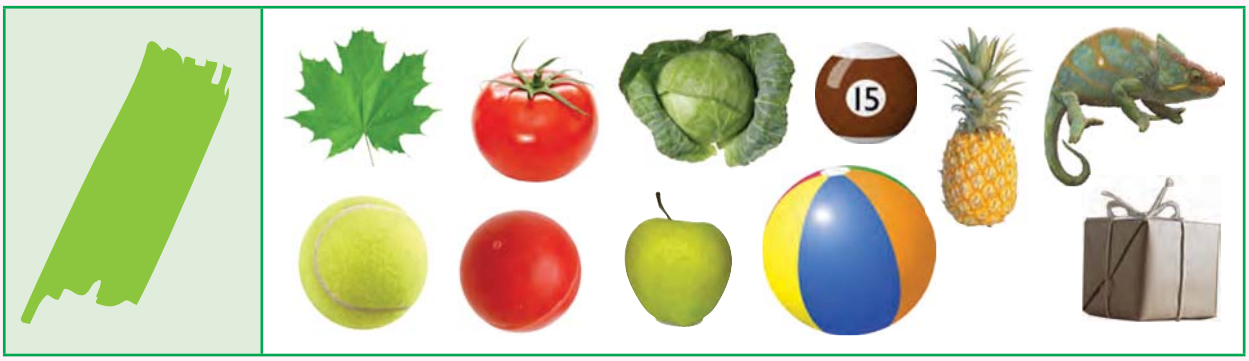
Date:

Ku hlayela

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





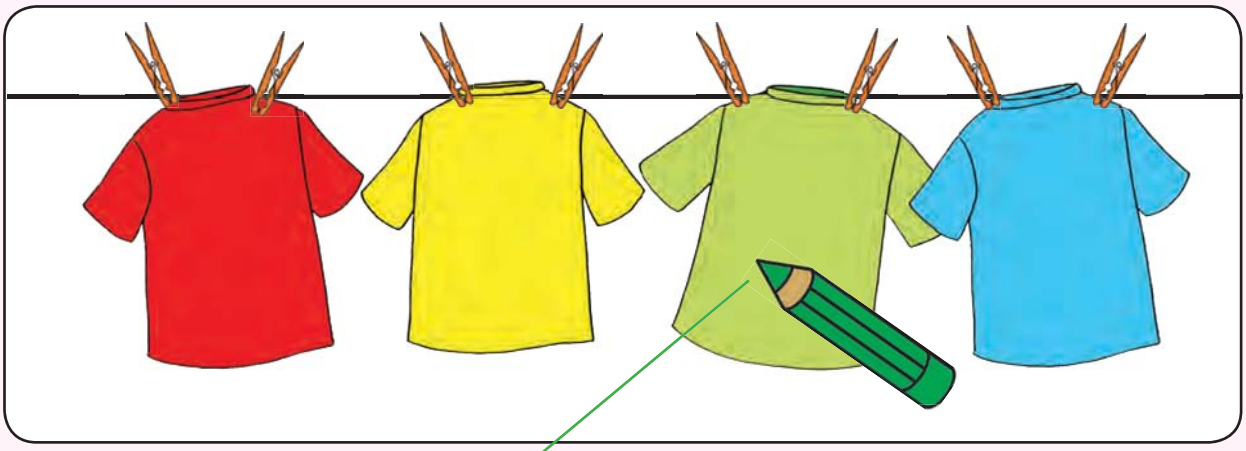


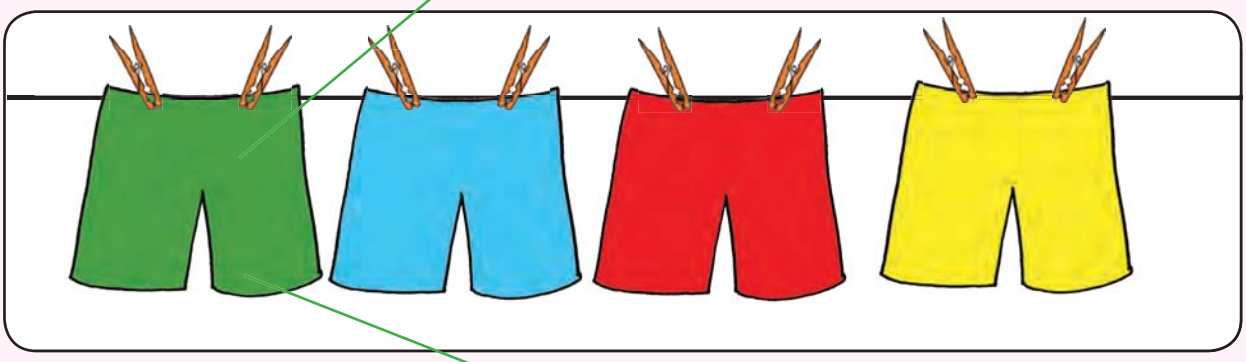


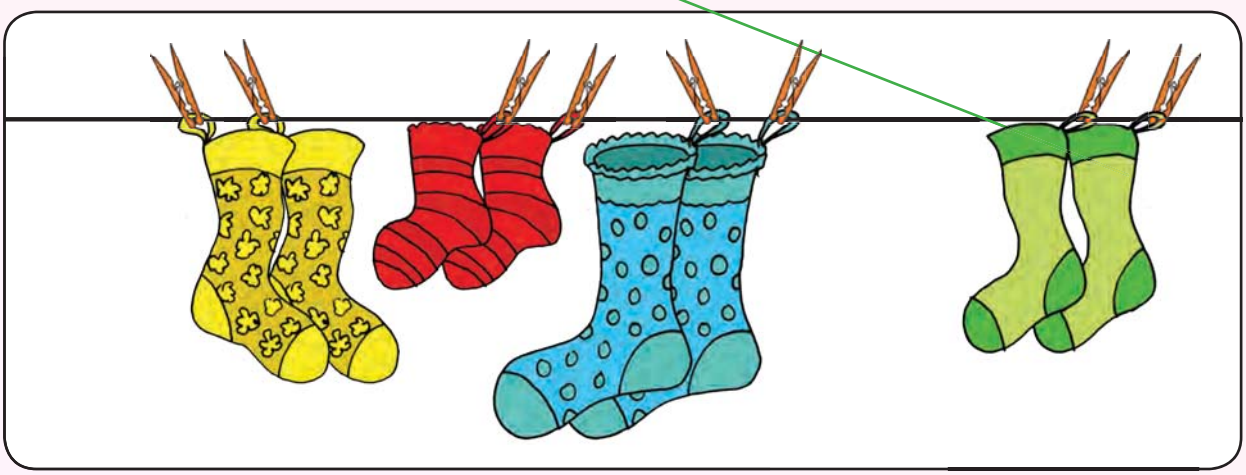


Mihlovo

Dirowa ntila ku yelanisa mpahla ya muhlovo wun'we.







Teacher:
Sign:

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11 12 13 14 15 16 17 18 19 20



Swiyimo

Bana xirhendzevutana eka xiharhi lexi nga eka xiyimo lexi eka rixaxa leri nga laha hansi.
Hi ku endlele xo sungula leswaku u kota ku swi vona.



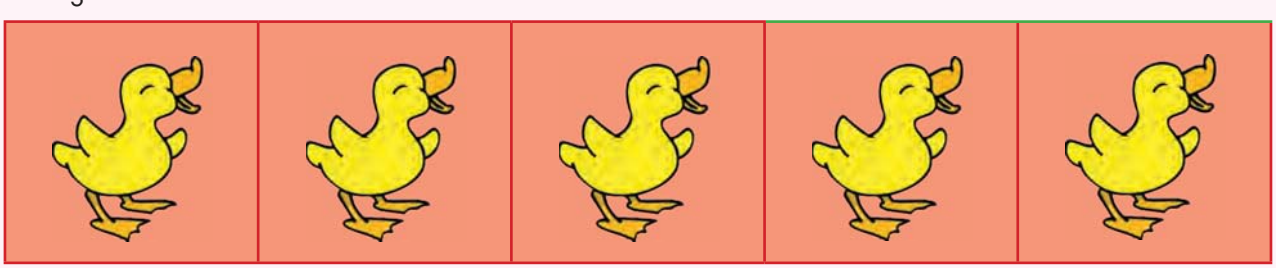
Bana xirhendzevutana eka xiharhi lexi nga eka xiyimo lexi eka rixaxa leri nga laha hansi.



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.



Nkarhi

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

Teacher:
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Date:



Ku vumba tinomboro

Titolovete ku tsala tinomboro leti.

1 n'we 1 1 1

2 mbirhi 2 2

3 nharhu 3 3

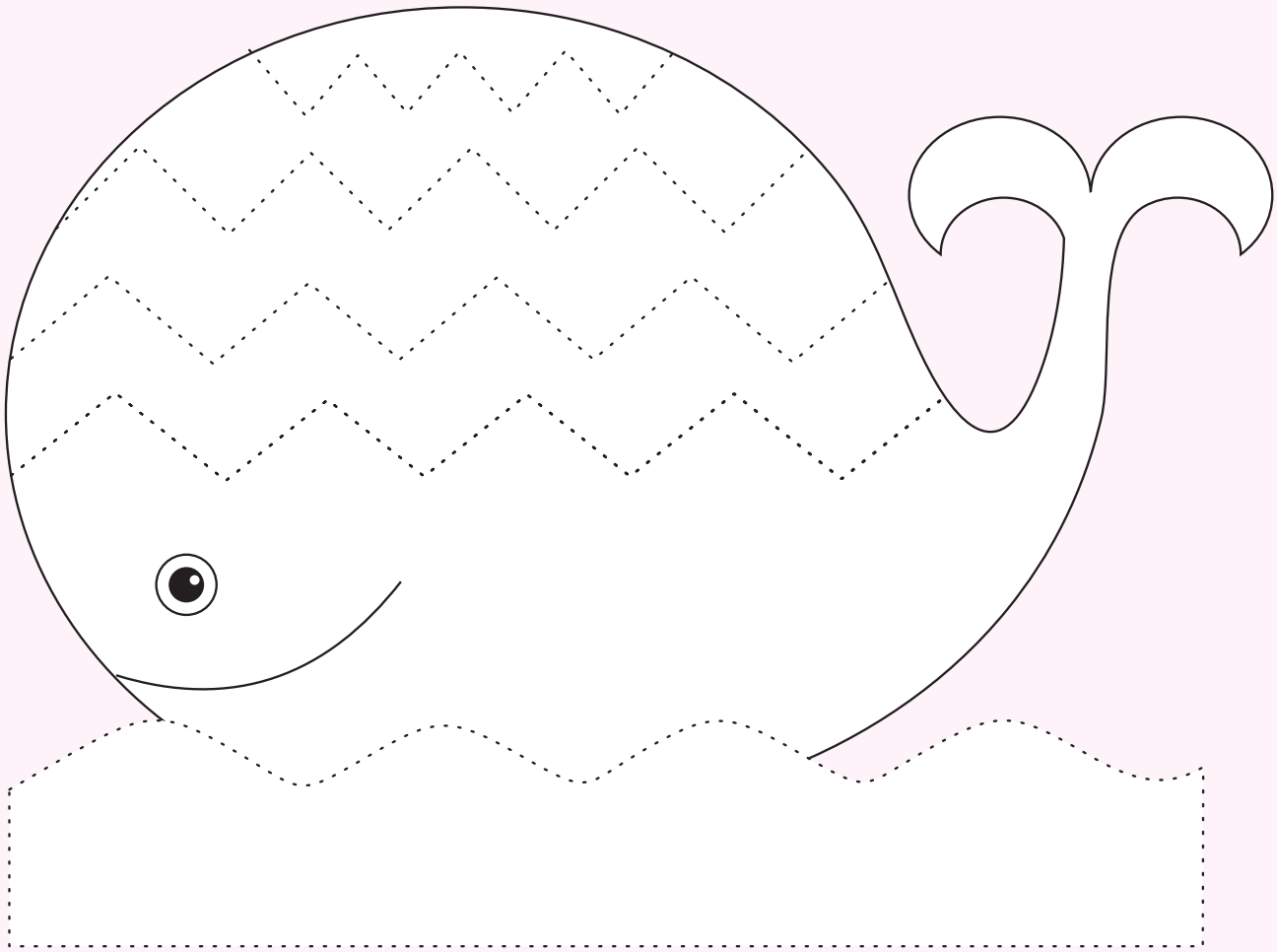
4 mune 4 4

5 ntlhanu 5 5



Tipatironi

Hetisa ku dirowa patironi eka nkavangaheti.
Landzelerisa mathonsi.





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Date:

N'we

Hlayela swilo leswi nga exifanisweni. Landzelerisa marito.

nyoxi yin'we

nhwanyana un'we

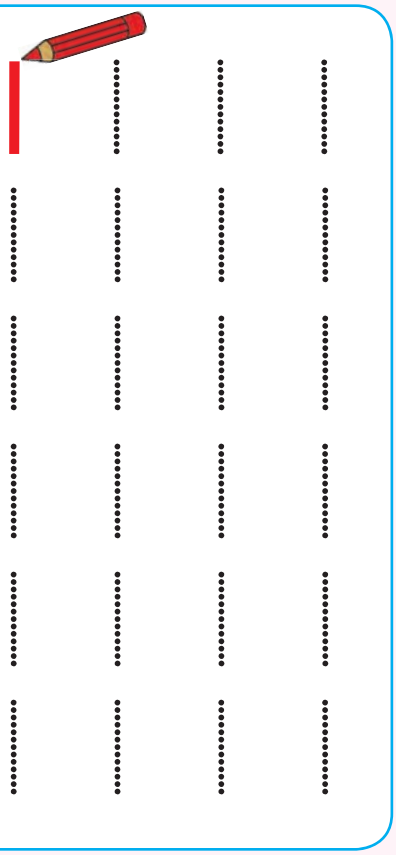
yindlu yin'we

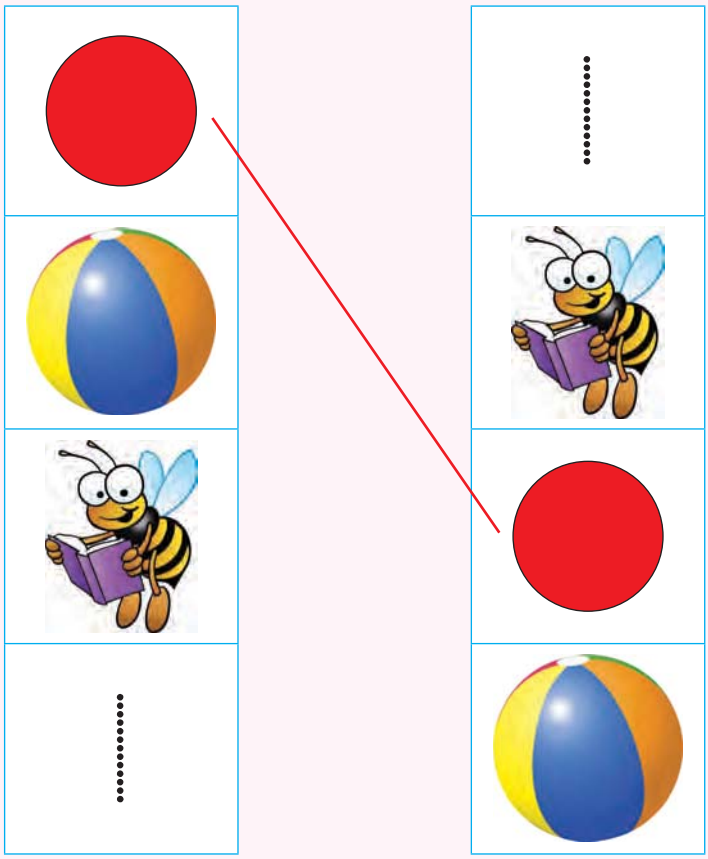
bolo yin'we



Landzelerisa nomboro.

Yelanisa swifaniso.

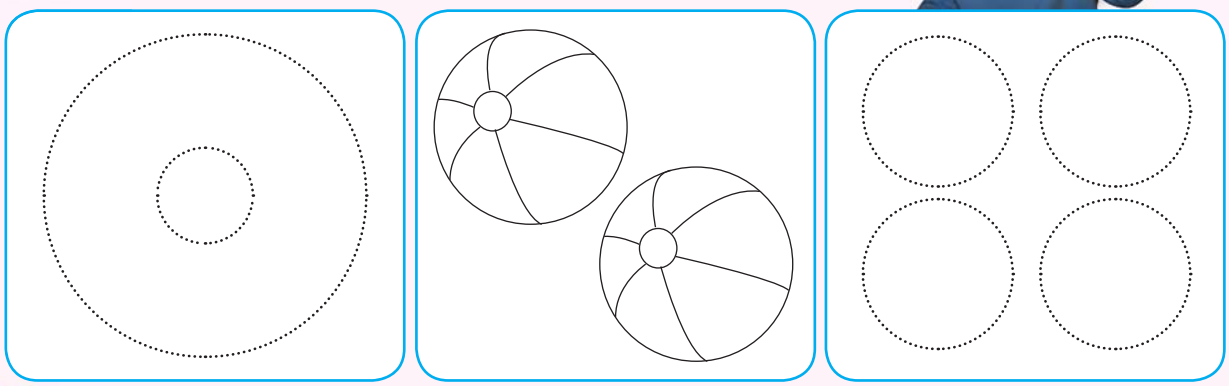




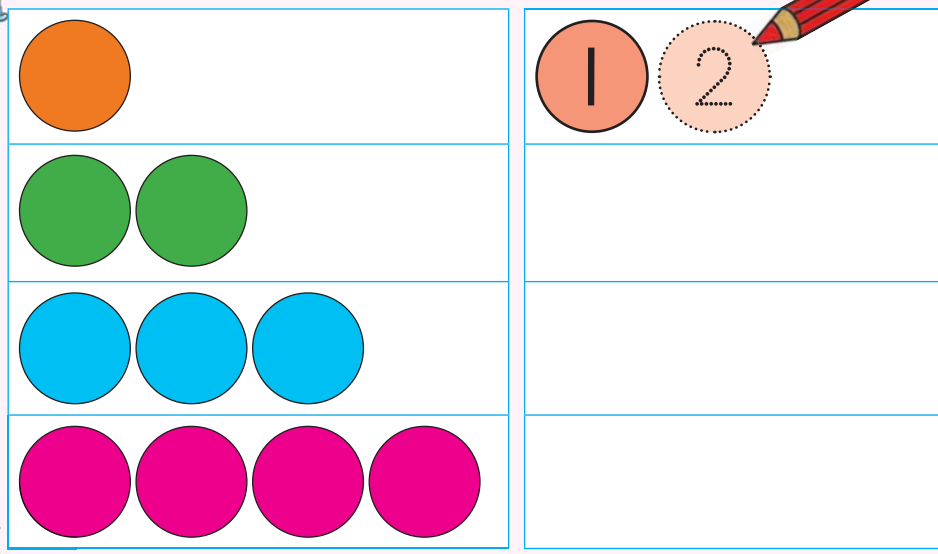




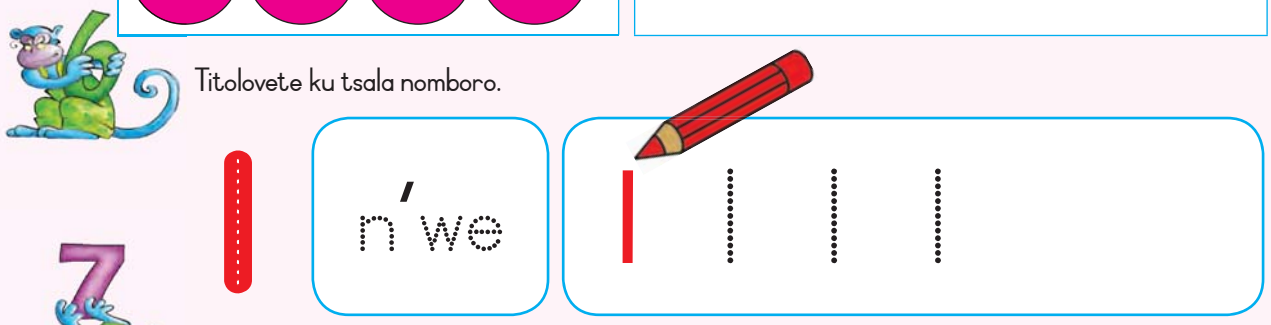
Khalara I eka buloko yin'wana na yin'wana.



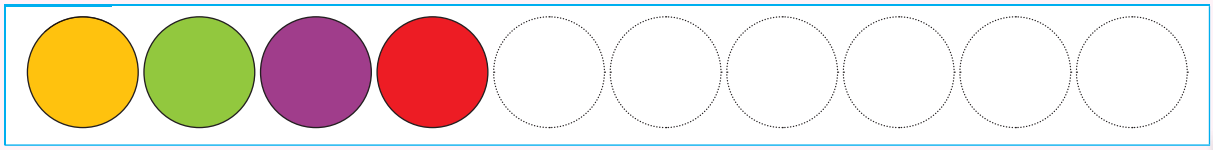
Dirowa xin'wana xi I.



Titolovete ku tsala nomboro.



Khalara swirhendzevutana loko u ri karhi u hlayela.



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Mbirhi



Hlayela swilo leswi nga exifanisweni.

Mirhi mimbirhi

Vafana vambirhi

Tikhayiti timbirhi

Timbyana timbirhi



2



Landzelerisa nomboro.



Yelanisa swifaniso.

2 2 2

2 2 2

2 2 2

2 2 2

2 2 2

2 2 2

2 2 2

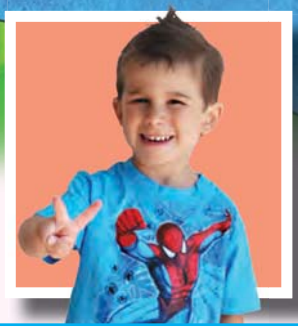


2

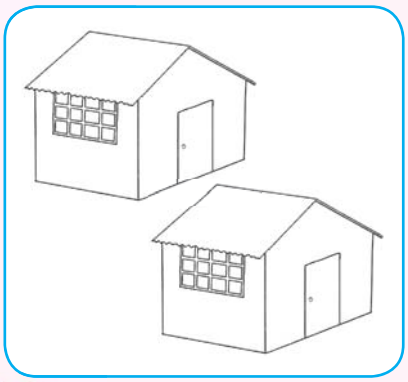


2

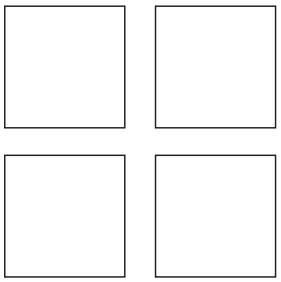




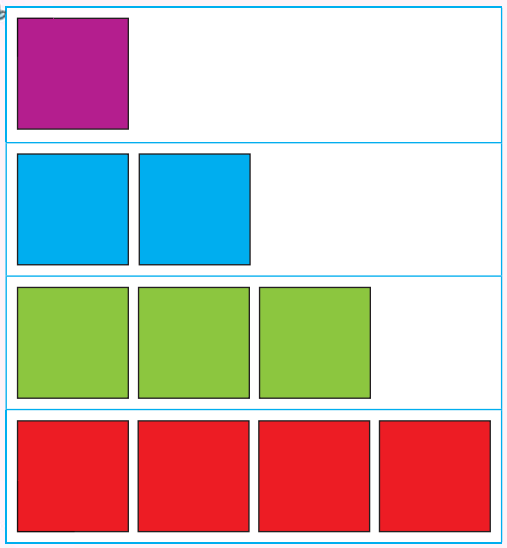
Khalara 2 eka buloko yin'wana na yin'wana.

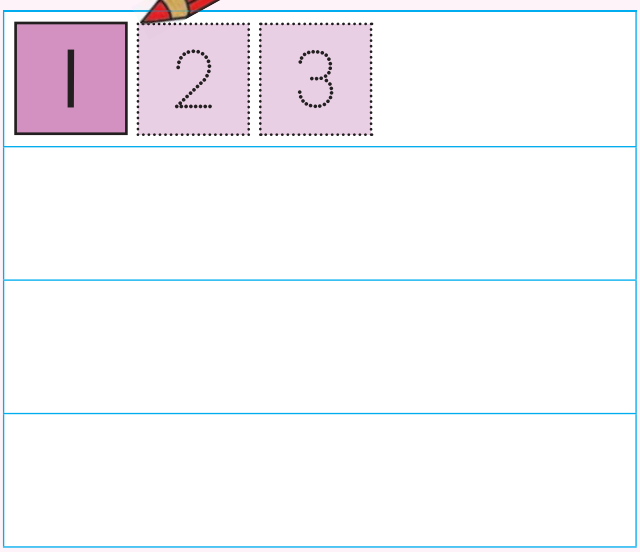






Dirowa swin'wana swi 2.





Titolovete ku tsala nomboro.

2 nbirhi

2 2 2 2

Khalara swikwere loko u ri karhi u hlayela.



Teacher:
Sign:
Date:

Nharhu



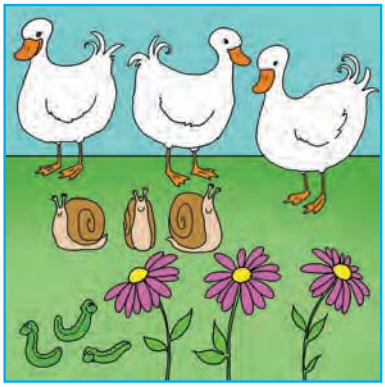
Hlayela swilo leswi nga exifanisweni. Landzelerisa marito.

Masekwa manharhu

Tihumba tinharhu

Swiluva swinharhu

Swivungu swinharhu



3

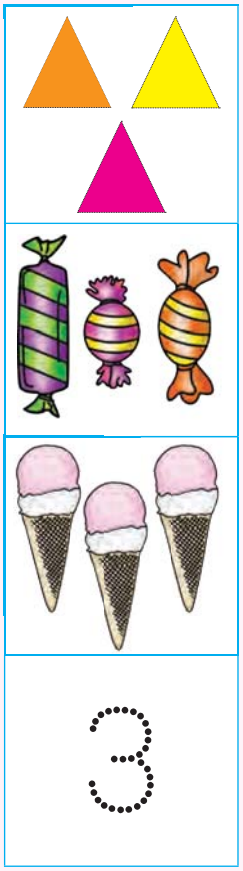


Landzelerisa nomboro.

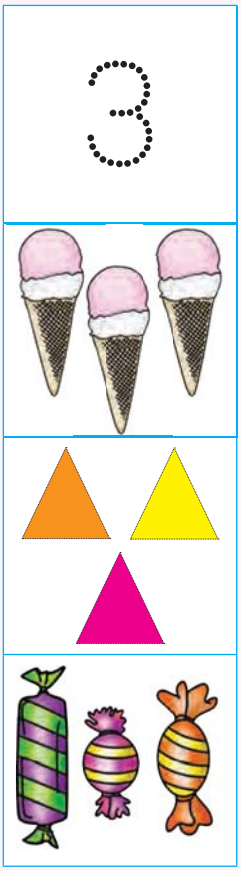


Yelanisa swifaniso.

3 3 3
3 3 3
3 3 3
3 3 3
3 3 3
3 3 3



3

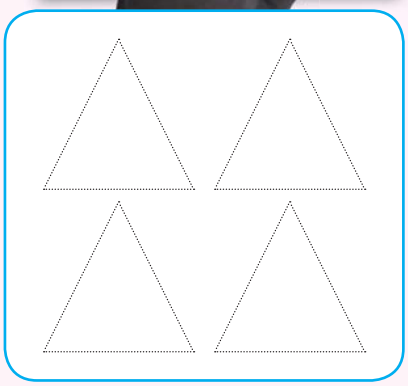




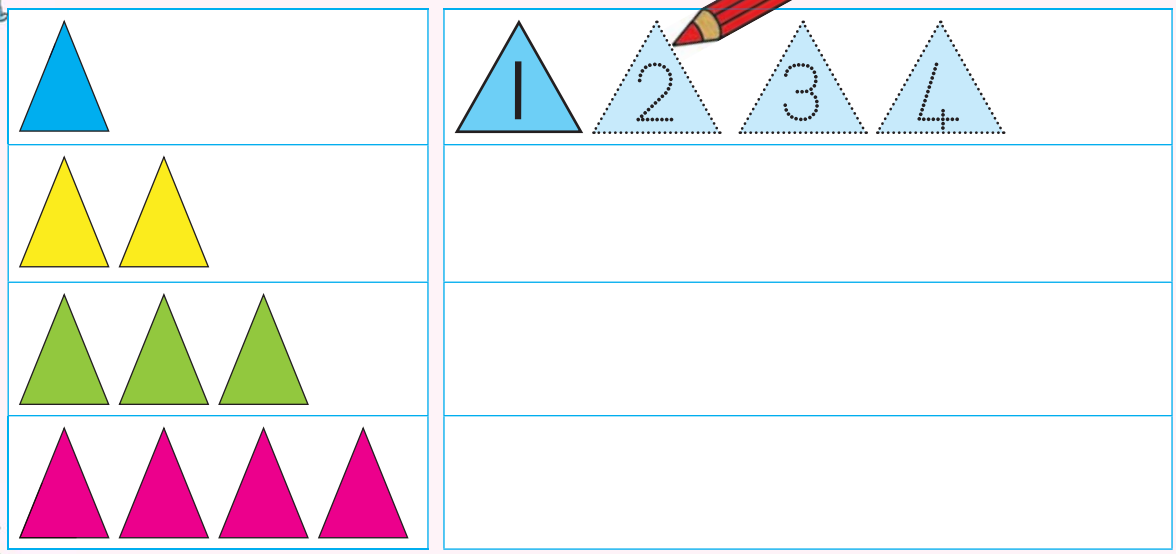
Khalara 3 eka buloko yin'wana na yin'wana.







Dirowa swin'wana swi 3.



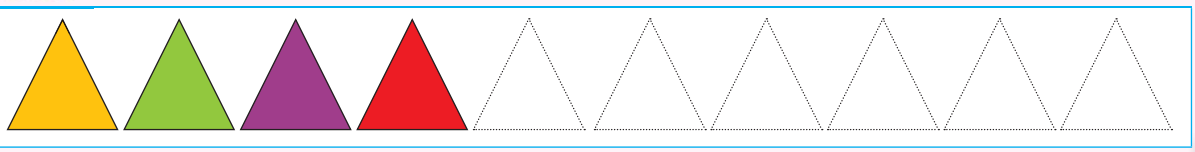
Titolovete ku tsala nomboro.

3

nharhu

3 3 3 3

Khalara tinhlanharhu loko u ri karhi u hlayela.



Teacher:
Sign:
Date:

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Mune



Hlayela swilo leswi nga exifanisweni. Landzelerisa marito.

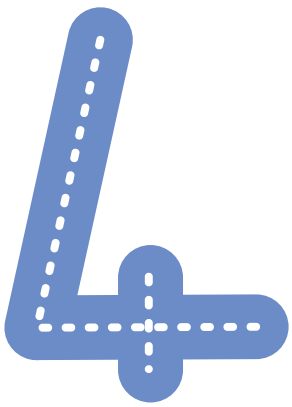
Swimanga swa mune

Masokoti ya mune

Matluka ya mune

Swifufunhunu swa mune



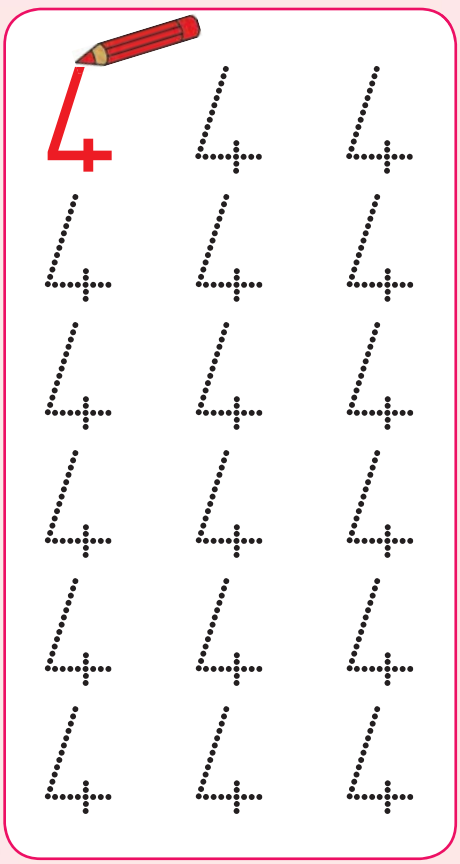


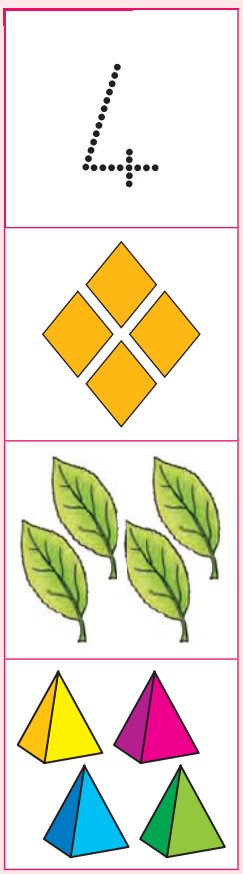


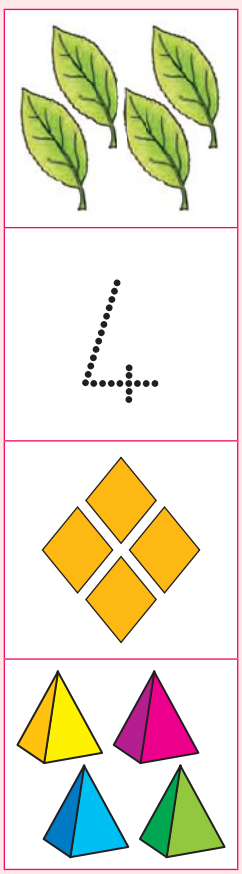
Landzelerisa nomboro.

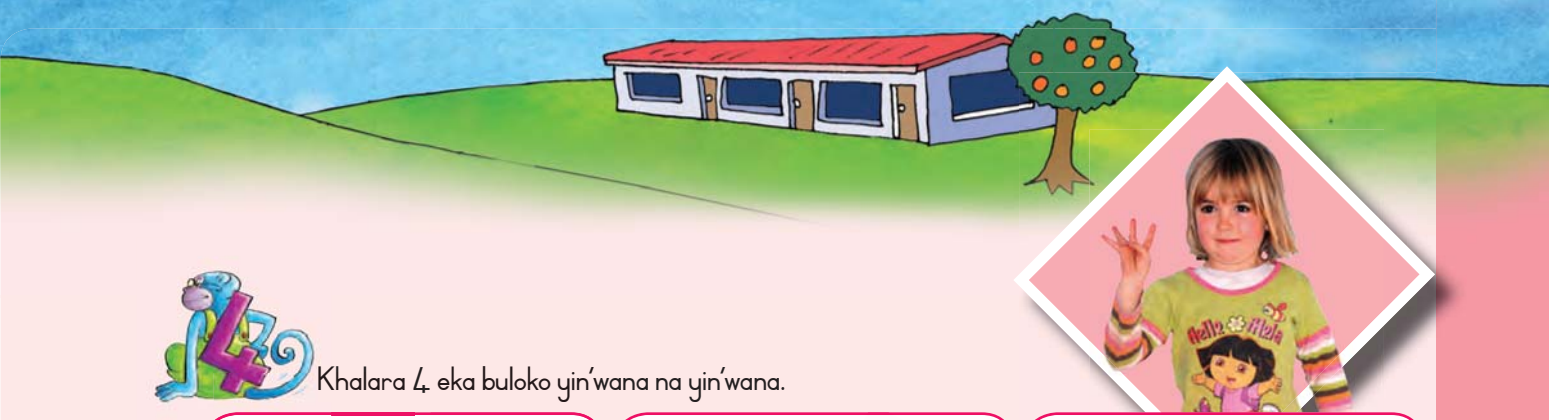


Yelanisa swifaniso.

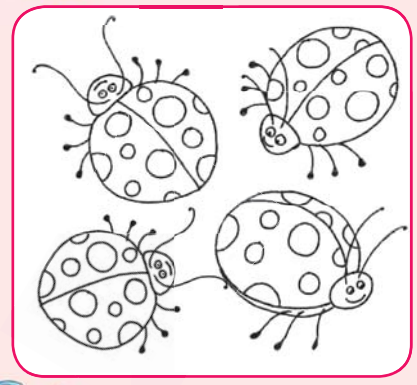


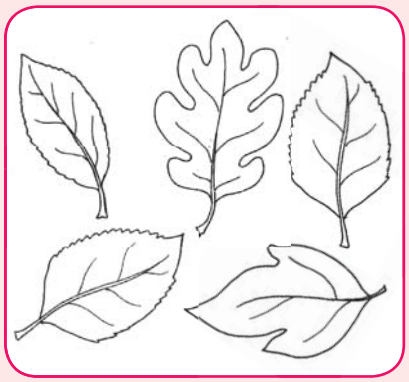


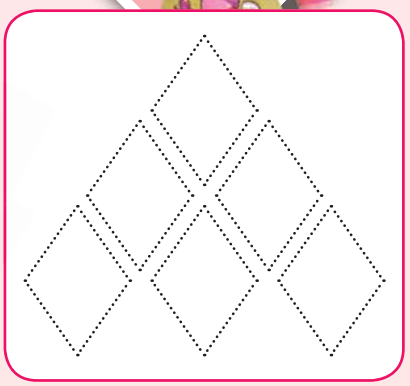




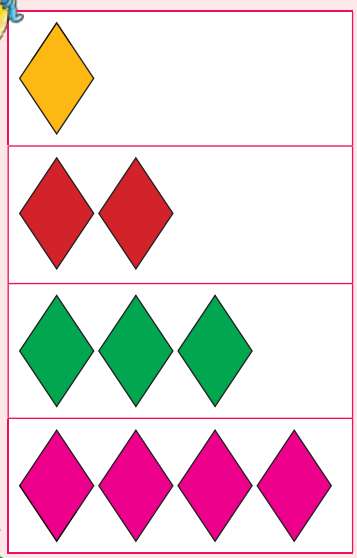
Khalara 4 eka buloko yin'wana na yin'wana.

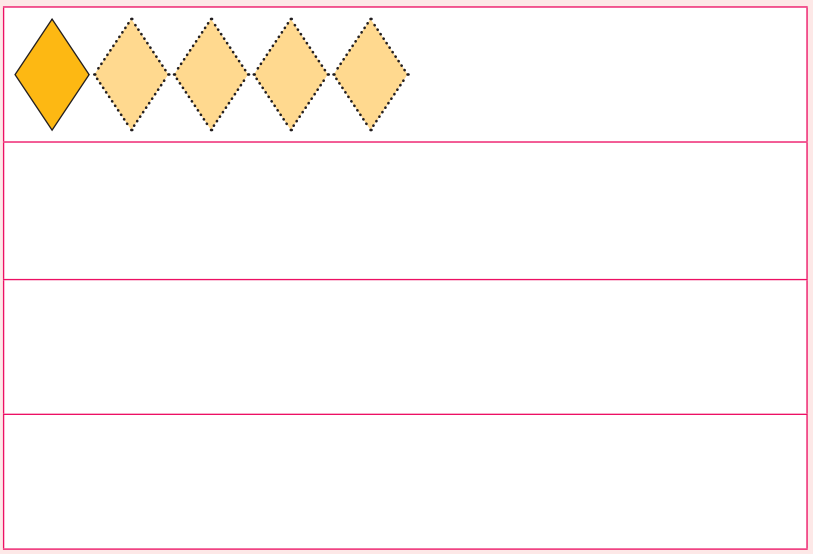






Dirowa swin'wana swa 4.





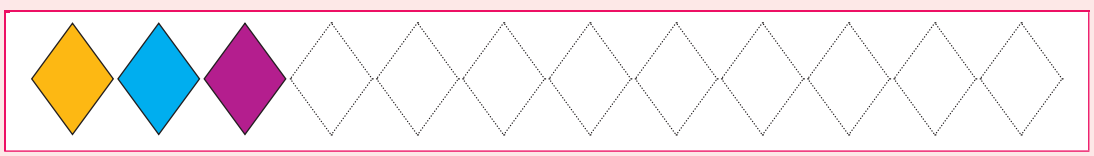
Titolovete ku tsala nomboro.

4

mune

4 4 4 4

Khalara swidayimani loko u ri karhi u hlayela.



Ntlhanu

Hlayela swilo leswi nga exifanisweni. Landzelerisa marito.

Tithedi ta ntlhanu

Swiwitsi swa ntlhanu

Tinyeleti ta ntlhanu

Switirayipi swa ntlhanu



5

Landzelerisa nomboro.

5 5 5

5 5 5

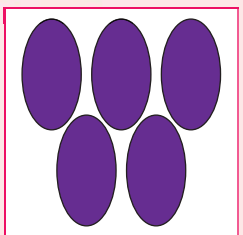
5 5 5

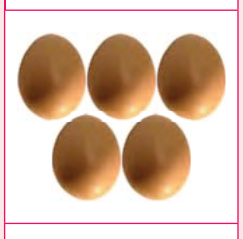
5 5 5

5 5 5

5 5 5

Yelanisa swifaniso.



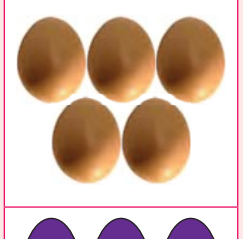


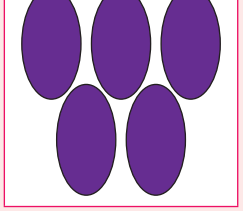


5



5







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

Dirowa swin'wana swa 5.

Titolovete ku tsala nomboro.

5 ntlhanu

5 5 5 5

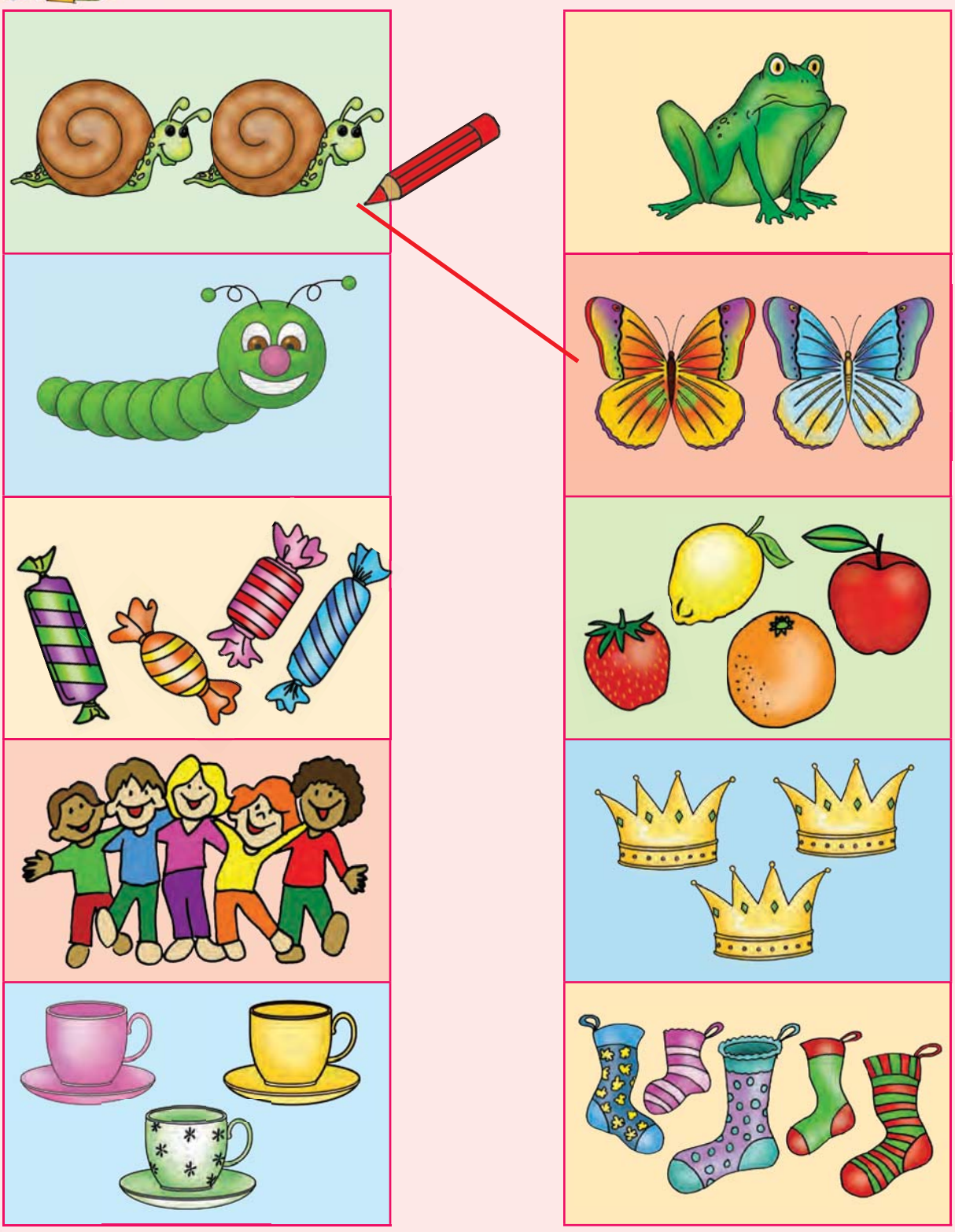
Khalara vutandza loko u ri karhi u hlayela.

Teacher:
Sign:

Date:

Ku yelanisa

Dirowa ntila ku hlanganisa mabokisi lama nga na swilo swa nhlayo leyi ringanaka endzeni ka wona.

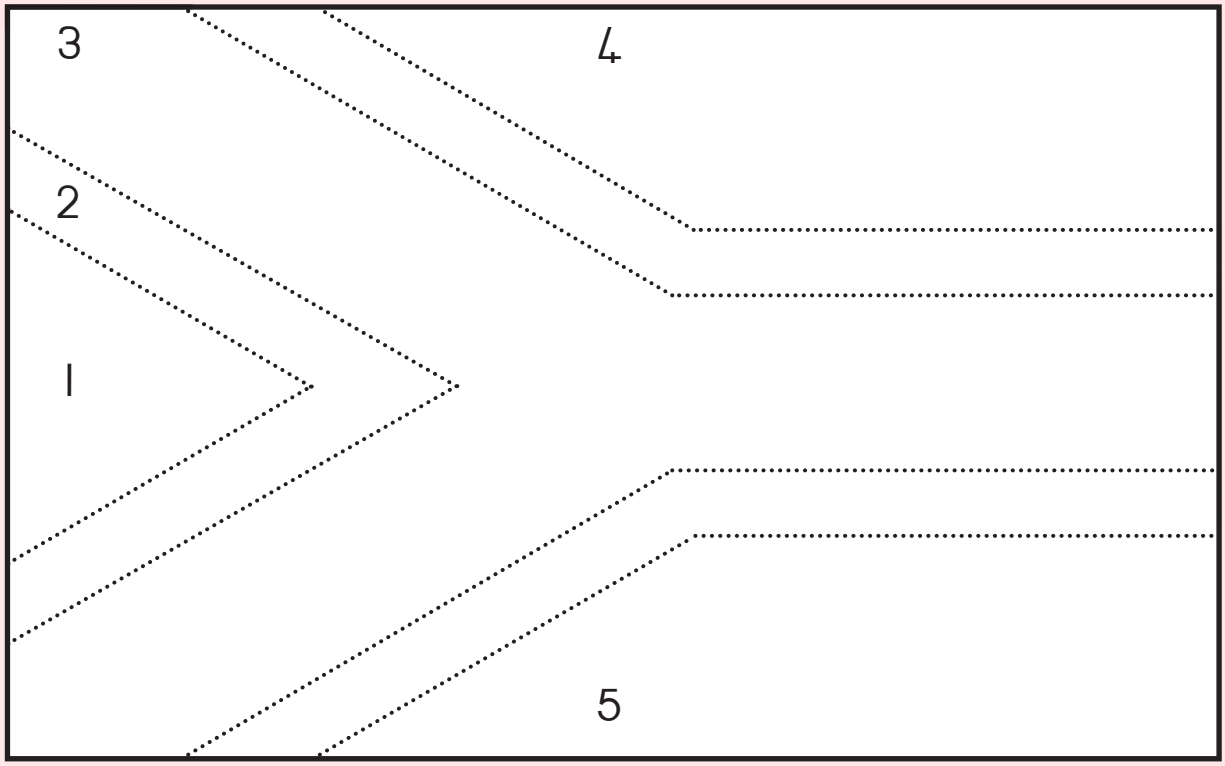




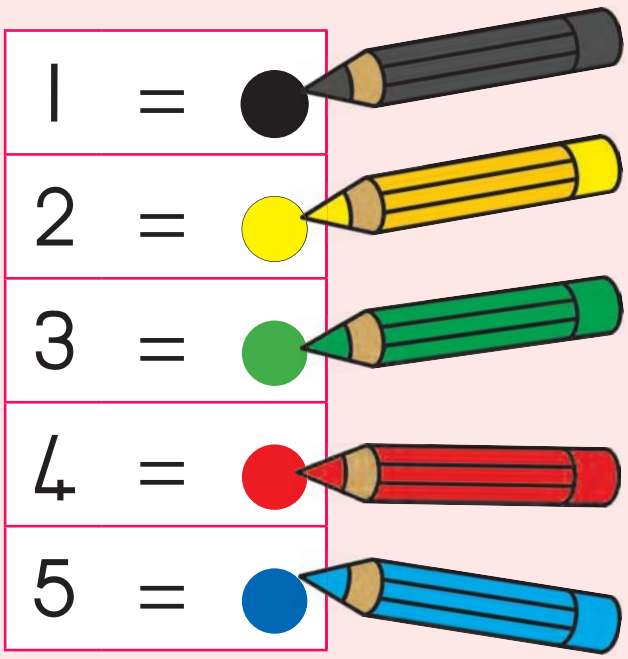
Khalara ku ya hi nomboro



Khalara mujeko lowu. Nomboro yin'wana na yin'wana yi hlamusela muhlovo lowu faneleke ku tirhisiwa.







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Date:



Tinomboro

Titolovete ku tsala tinomboro leti landzelaka.

1 2 3 4 5



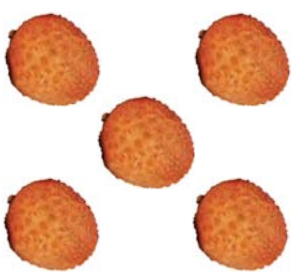
Bana xirhendzevutana eka nomboro leyi faneleke.

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





Tsala mavito ya tinomboro.

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

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Ku dyondza swirho swa miri

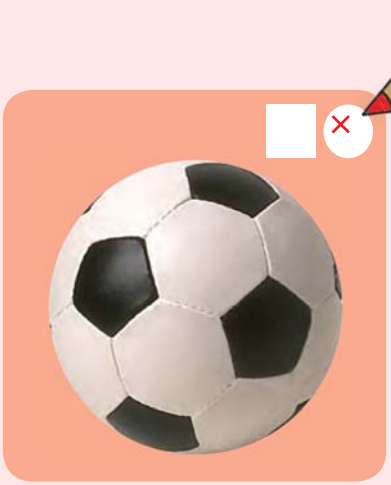
Encisa leswi endliwaka hi vana lava. Kutani lava xifaniso lexi yelanaka na xifaniso lexi nga ebokisini ro sungula eka rixaxa rin'wana na rin'wana.



Tibolo na mabokisi

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





















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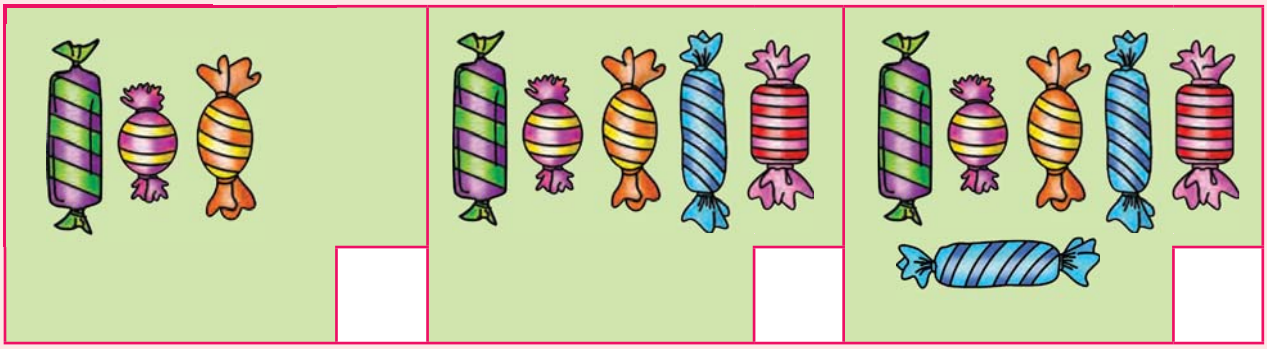
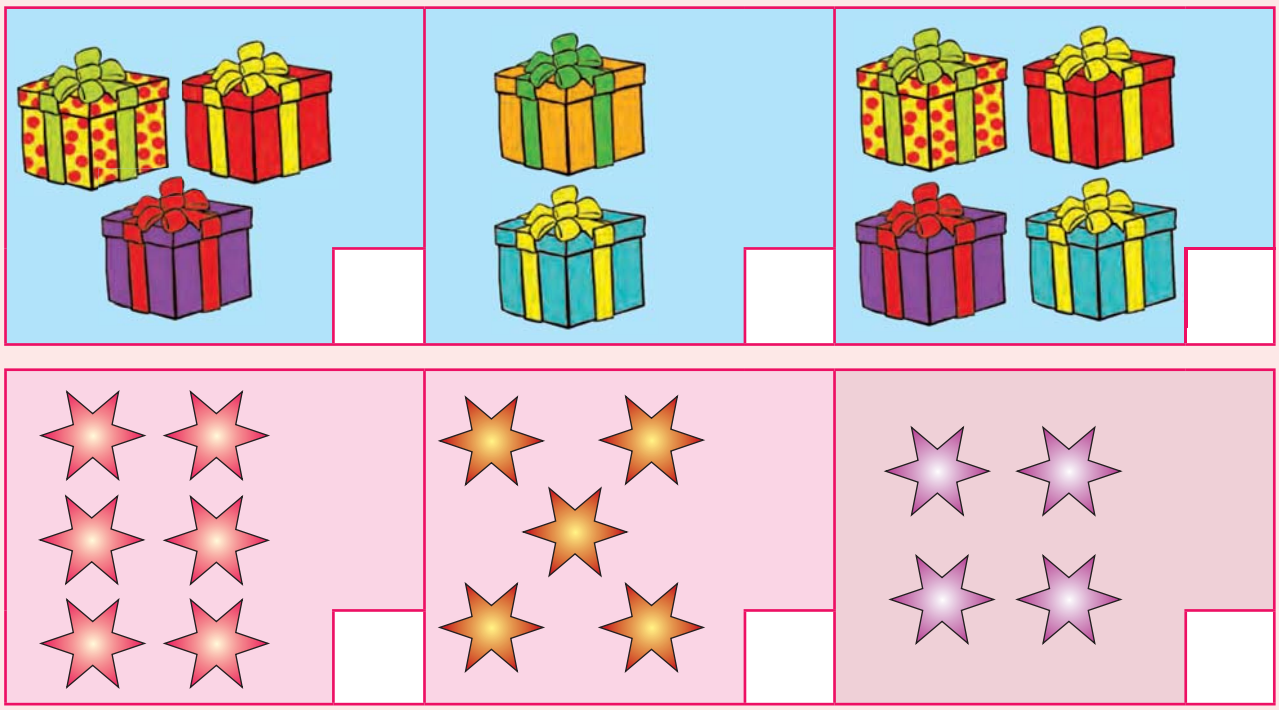
Swo tala kumbe leswitsongo

Eka rixaxa rin'wana na rin'wana, fungha hi xihambano bokisi leri nga na swilo swo tala swinene eka rona.



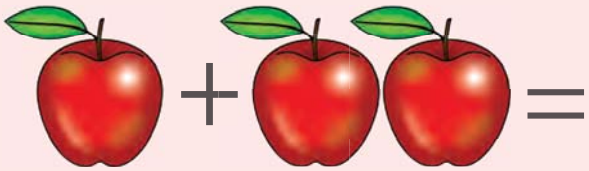
Sweswi eka rixaxa rin'wana na rin'wana, fungha hi xihambano bokisi leri nga na swilo leswitsongo swinene.



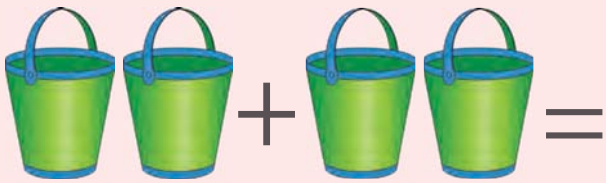


Ku hlanganisa 1-5

Hlanganisa leswi kutani u tsala nhlamulo.



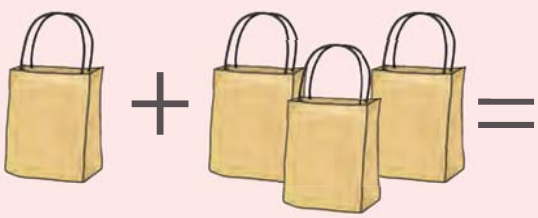
1 + 2 = 3



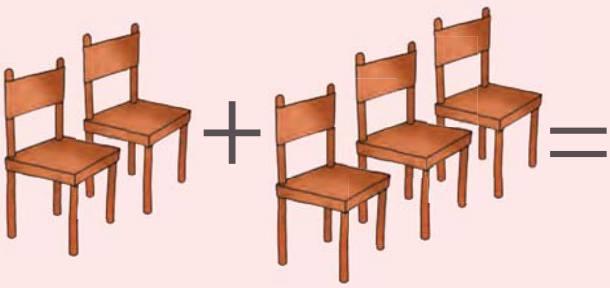
2 + 2 =



3 + 1 =



1 + 3 =



2 + 3 =





Ringeta leswi.

3 + 2 =	5	5 − 3 =	
1 + 3 =	4	4 − 1 =	
2 + 2 =		4 − 2 =	
2 + 1 =		3 − 2 =	
1 + 4 =		5 − 4 =	
2 + 3 =		5 − 2 =	
3 + 1 =		4 − 1 =	
5 + 0 =		5 − 0 =	
1 + 2 =		3 − 1 =	
1 + 1 =		2 − 1 =	

Teacher:
Sign:

Date:

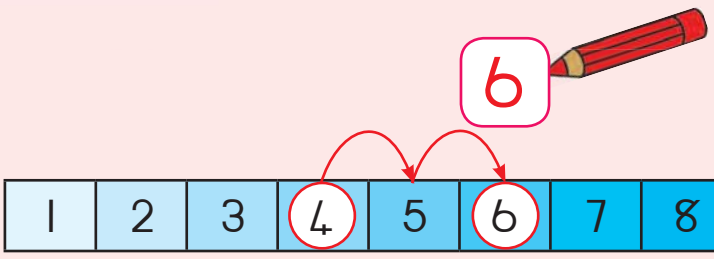
11 12 13 14 15 16 17 18 19 20

22c

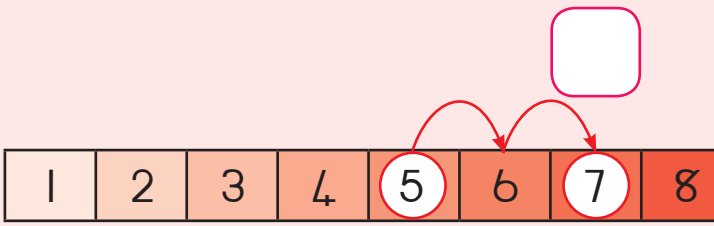


Ku engetela swin'wana swimbirhi

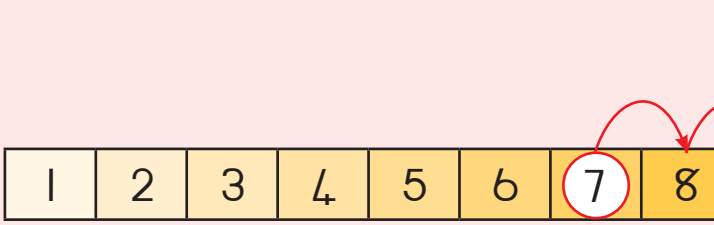
Hlanganisa na mbirhi kutani u tsala nhlamulo.



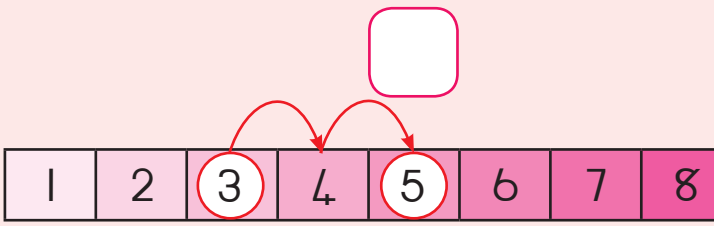
4 + 2 = 6



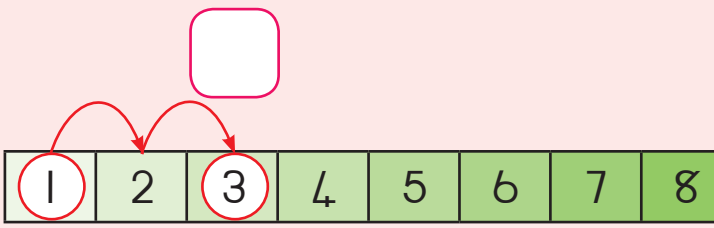
5 + 2 = ☐



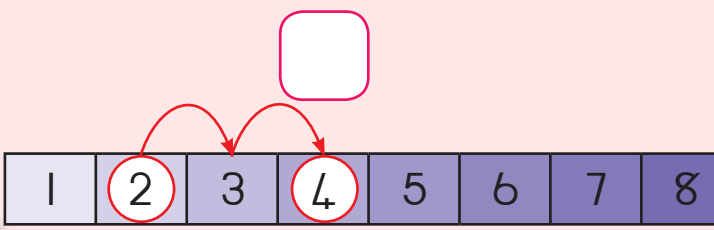
7 + 2 = ☐



3 + 2 = ☐



1 + 2 = ☐



2 + 2 = ☐

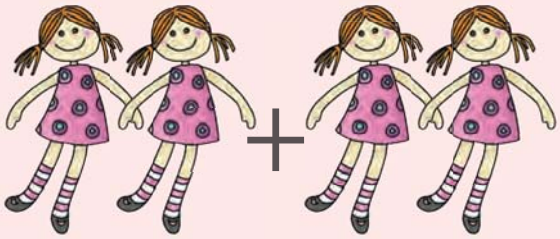
1 2 3 4 5 6 7 8 9 10



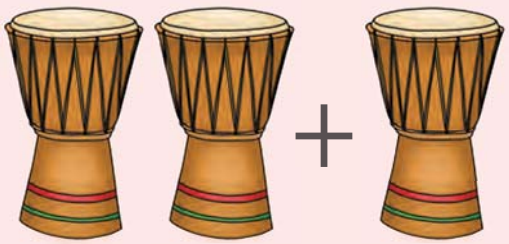
Ku hlanganisa



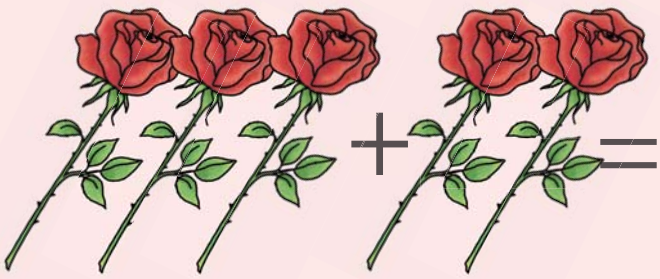
Hlanganisa leswi kutani u tsala nhlamulo.



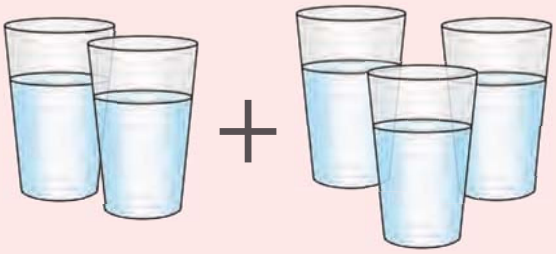
2 + 2 = 4



2 + 1 = ...



3 + 2 = ...



2 + 3 = ...



2 + 4 = ...

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Date:

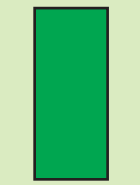
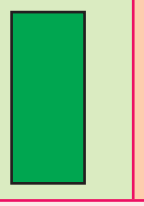
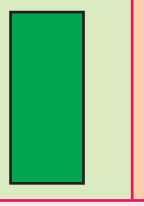
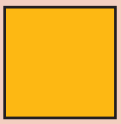
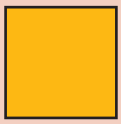
11 12 13 14 15 16 17 18 19 20

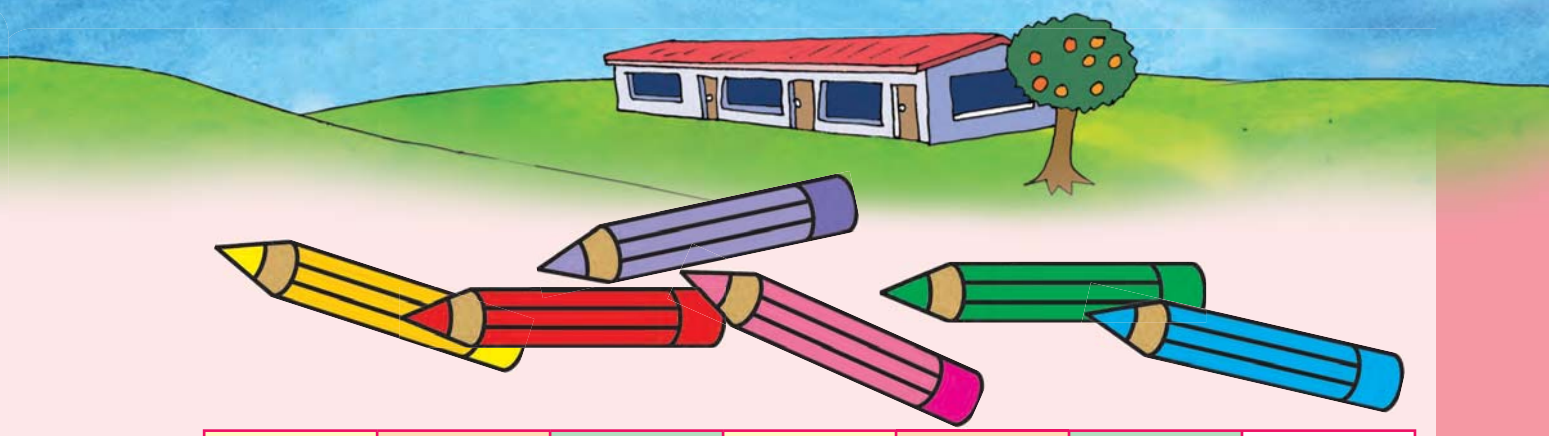


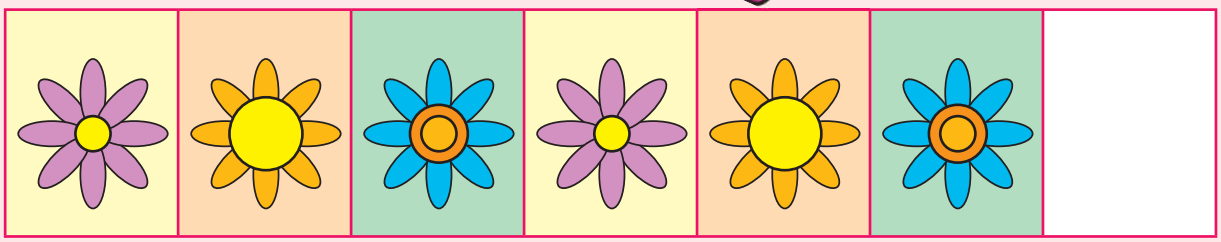


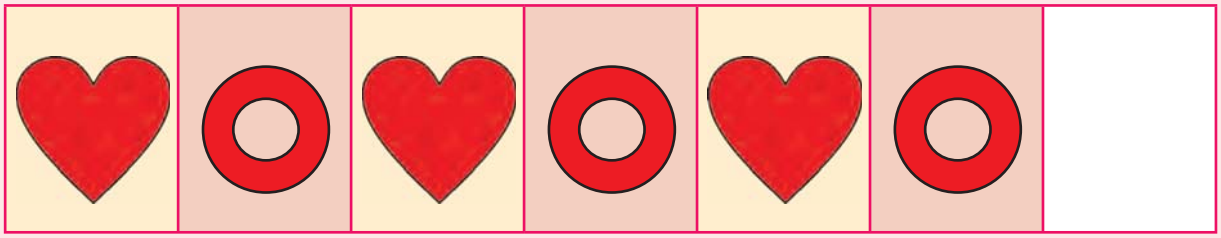
Ku landzela yini?

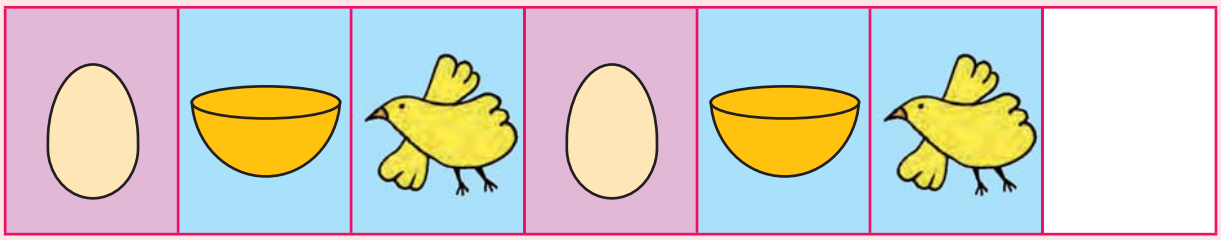
Boxa lexi landzelaka. Xi dirowe loko u swi kota.

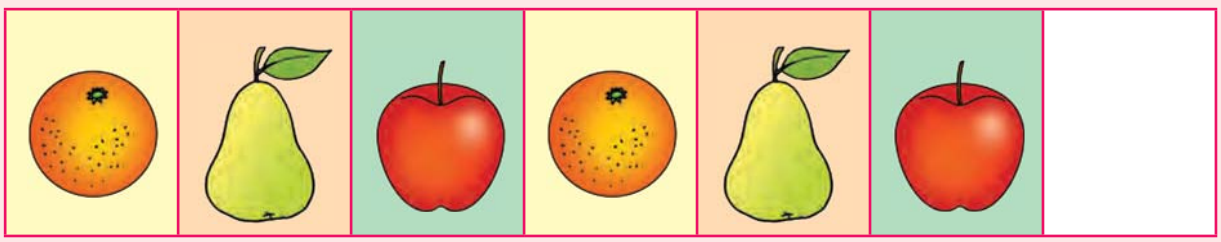
						
						
						
						
1	2	3	1	2	3	
3	4	5	3	4	5	

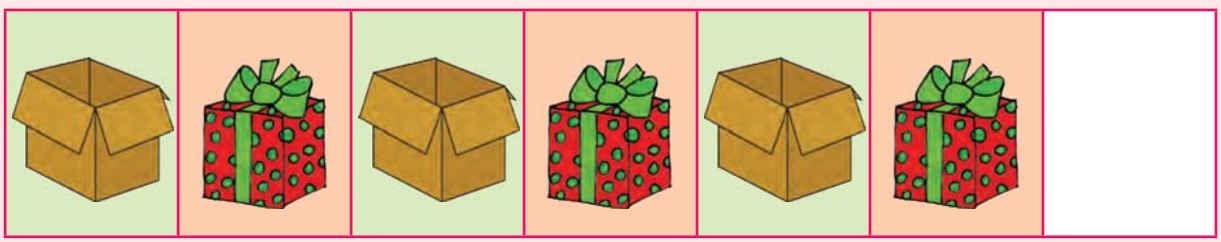


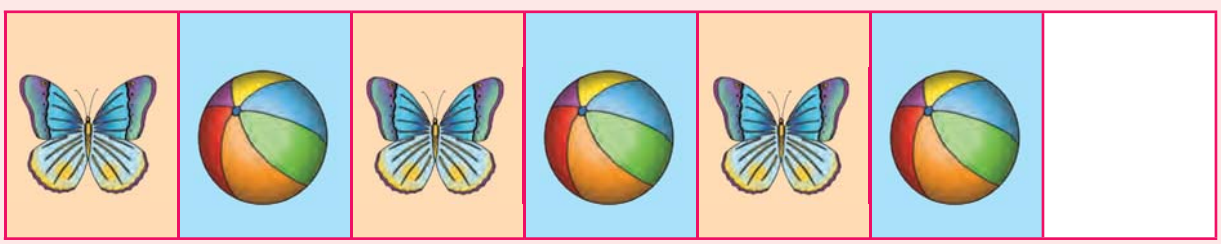












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Date:

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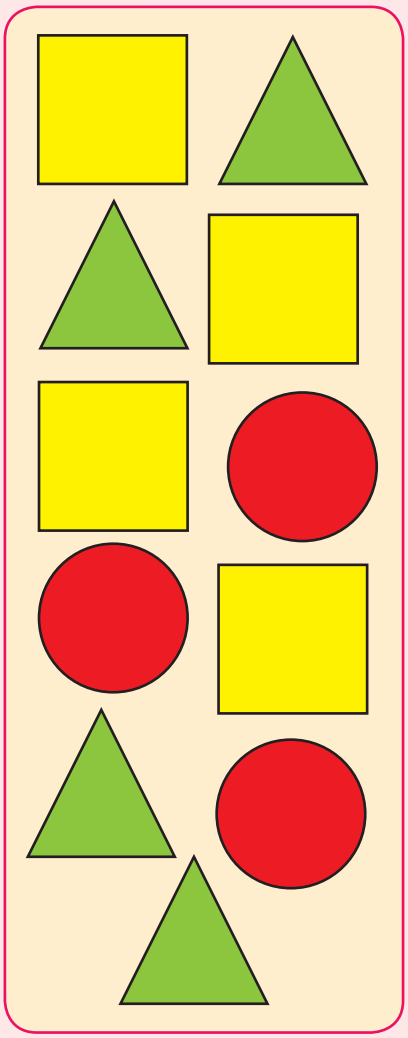
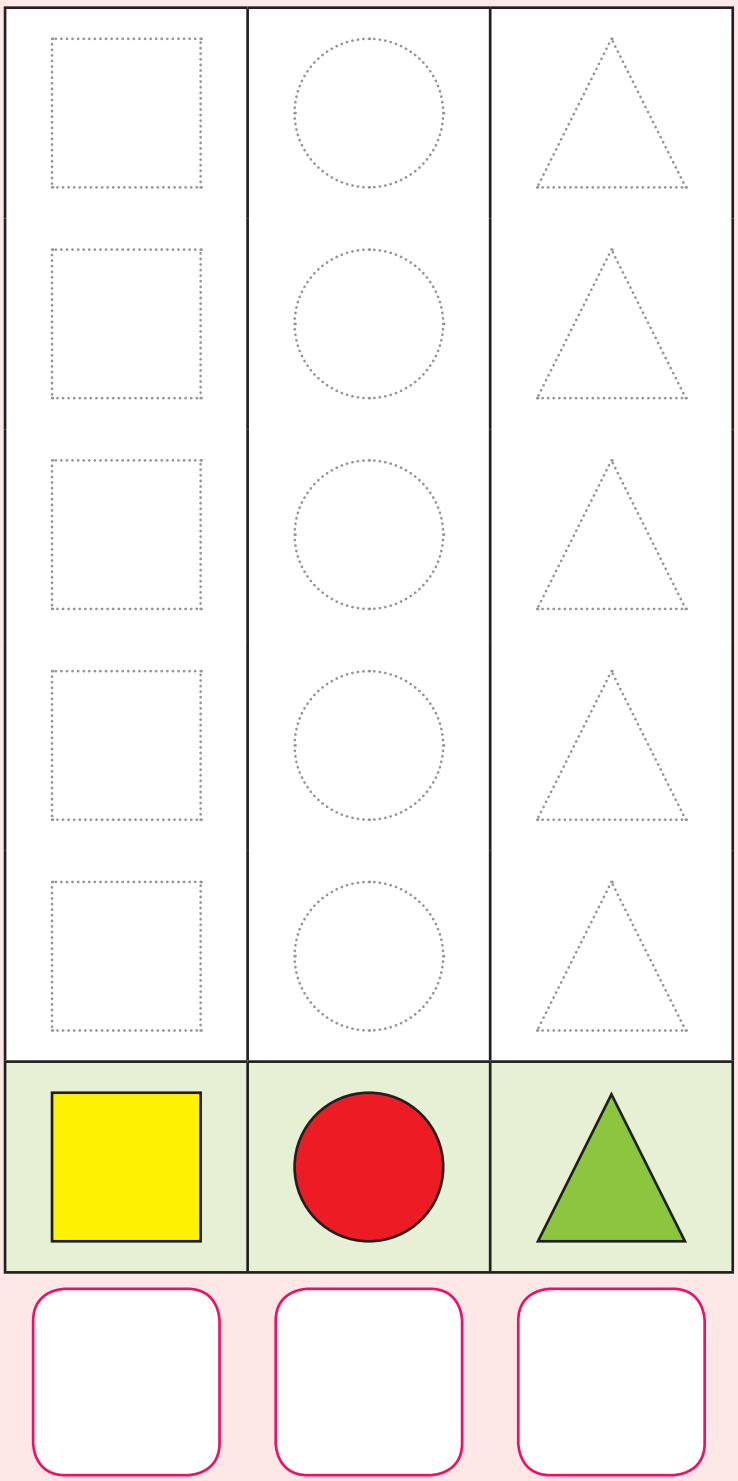
Ku lawula switiviwa

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



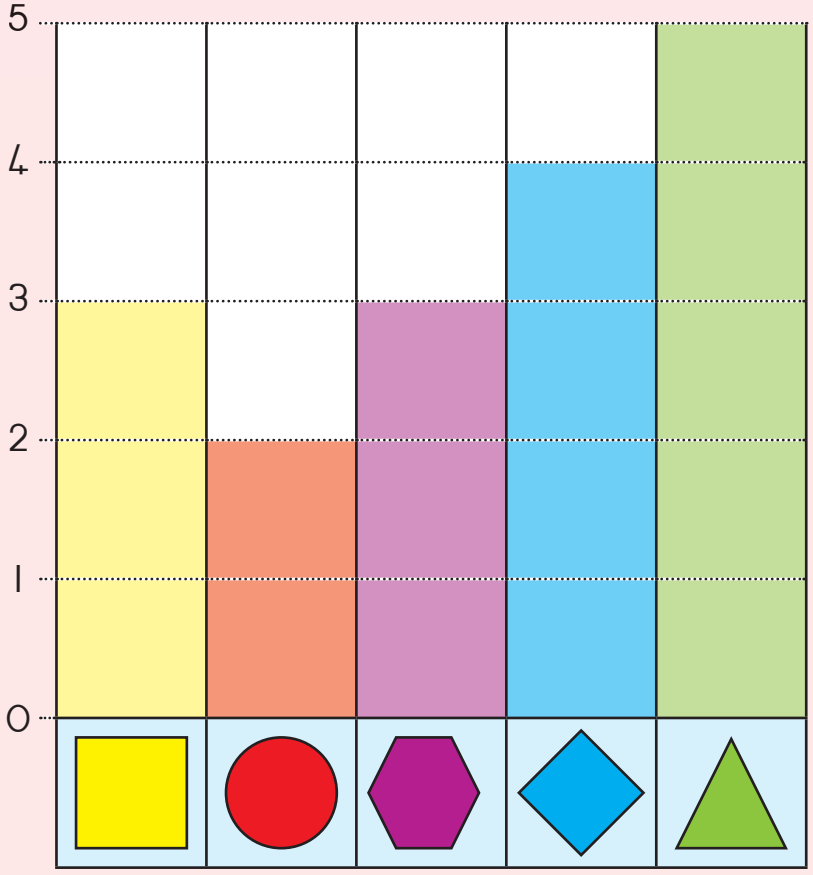




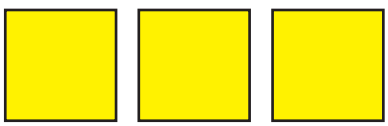
Hlaya girafu



Languta girafu. Buloko yin'wana na yin'wana yi yimela xivumbeko.



Hlaya girafu ku kumisisa nhlayo ya xivumbeko xin'wana na xin'wana lexi nga kona.
Dirowa swivumbeko laha hansi.



Teacher:
Sign:

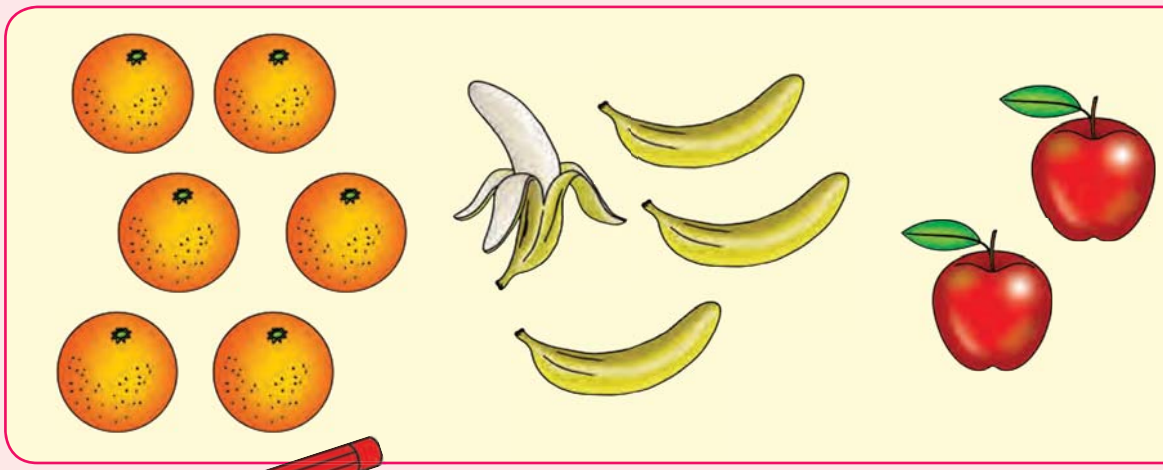
Date:





A hi avelane

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

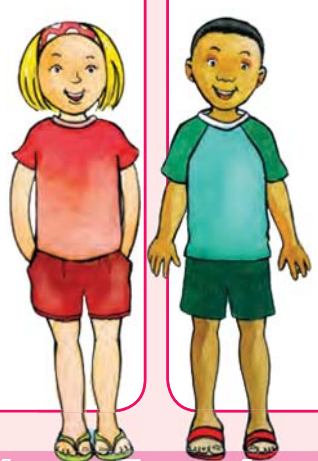


6 wa malamula

wa mabanana

wa maapula

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



Ku avelana na switiviwa

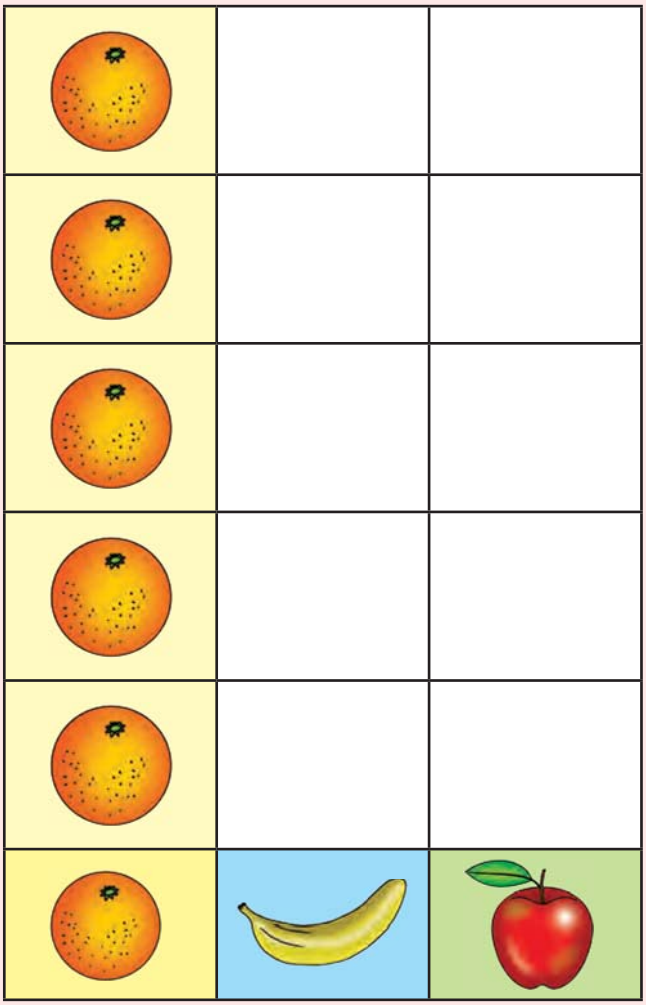
MIHANDZU		
Maapula		2
Mabanana		4
Malamula		5

Loko vana vambirhi va avelana mabanana hi ku ringana, xana un'we u ta amukela mangani?

Loko vana vambirhi va avelana maapula hi ku ringana, xana un'we u ta amukela mangani?

Xana n'wana un'we u ta amukela malamula mangani loko vana va ntlhanu va avelana hi ku ringana?

Dirowa nomboro ya maapula na mabanana.



Gwabisa nhlamulo leyi faneleke.

Xana ku na malamula kumbe mabanana lama nga sala?



Xana ku na maapula kumbe mabanana lama nga sala?



Xana ku na malamula kumbe maapula lama nga sala?



Teacher:
Sign:
Date:

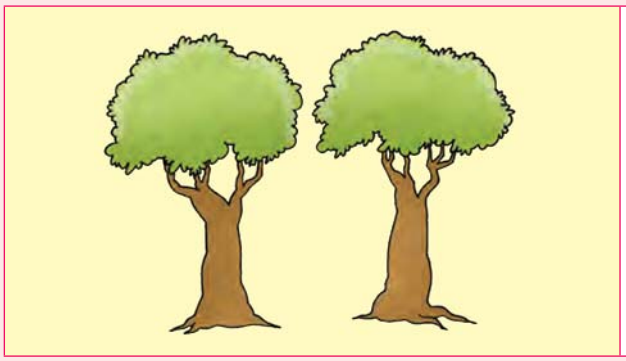


Ku avelana hi ku ringana

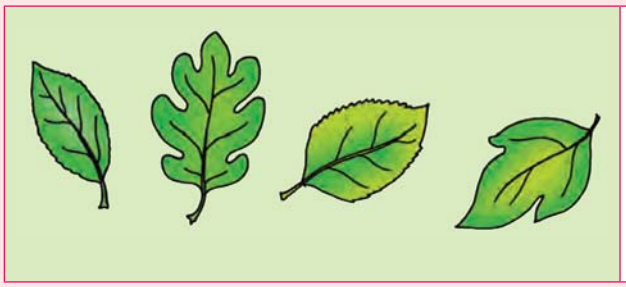
Avanyisa ntlawa eka bokisi ro sungula hi mbirhi. Dirowa mitlawa mimbirhi eka mabokisi yo hambana.



4 = 2 + 2

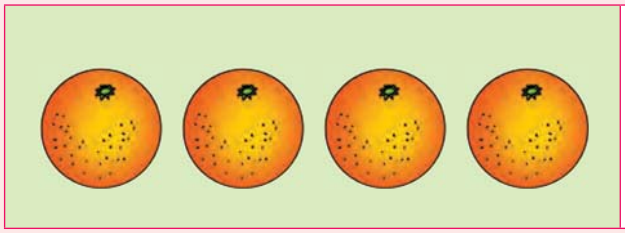


__ = __ + __

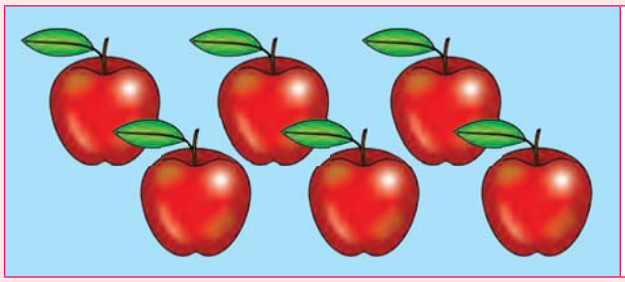


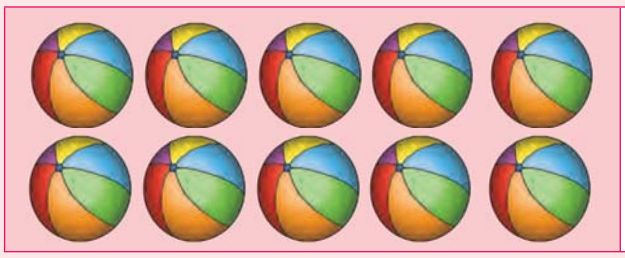
__ = __ + __











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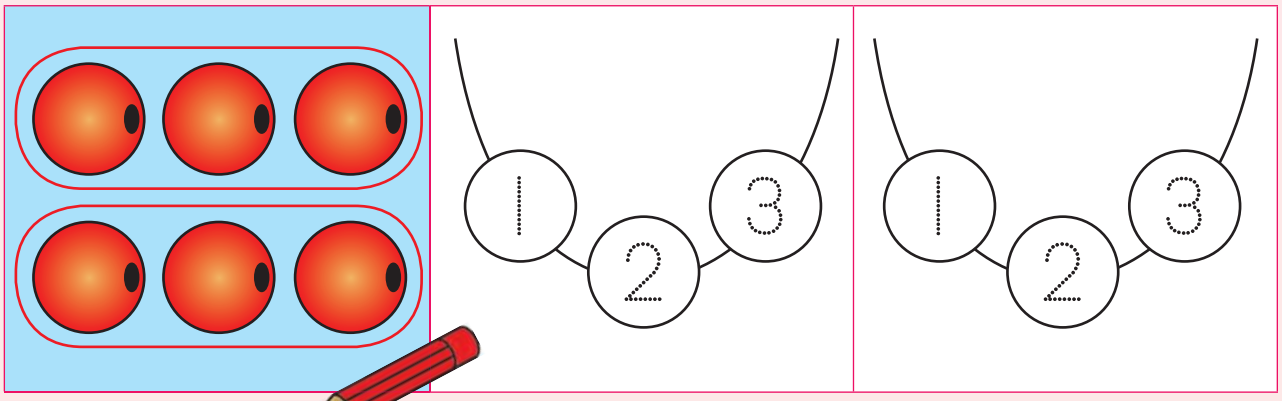
Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

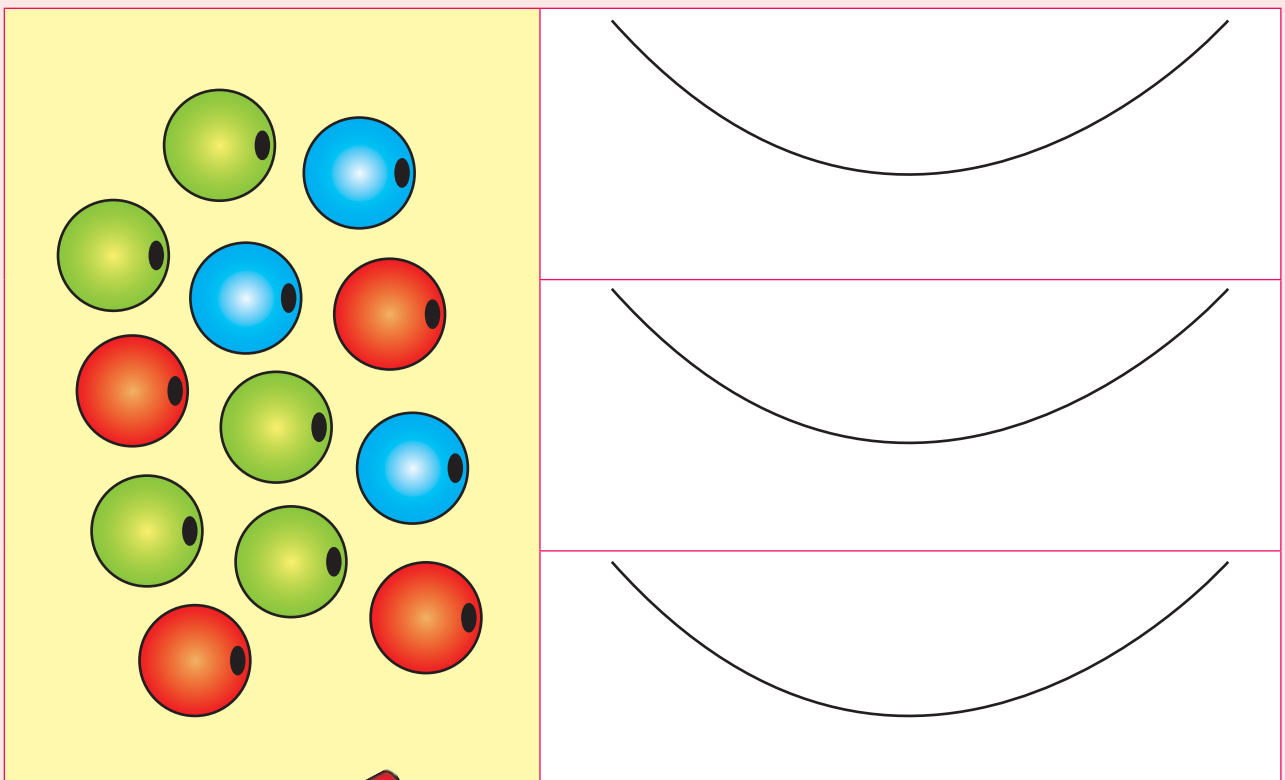
Ku avelana hi ku ringana

Avanyisa vuhlalu hi ku ringana. Hlayela vuhlalu loko u ri karhi u byi khalara.



6 = 3 + 3

Avanyisa vuhlalu eka mitlawa yinharhu leyi ringanaka.

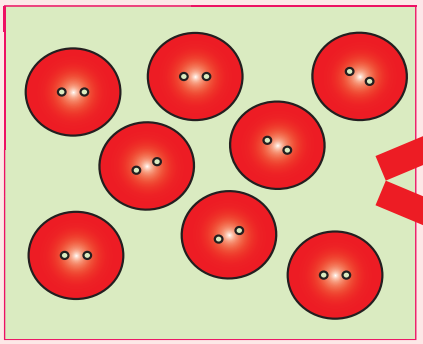


= + +



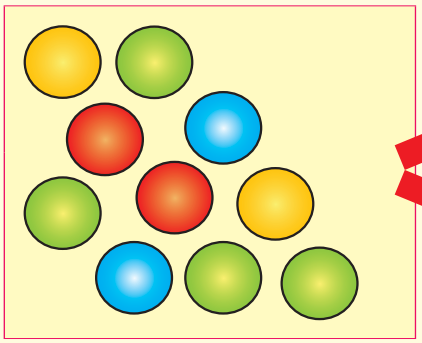


Tlhela u dirowa tikunupu eka mitlawa mimbirhi leyi ringanaka. Tsala tinomboro.



= +

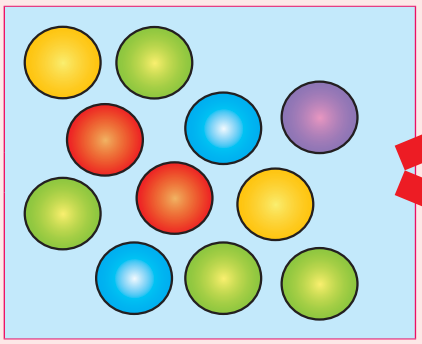
Ava 10 wa timabulu exikarhi ka 2 wa vana kutani u hlamula swivutiso.



Xana n'wana un'we u amukele tingani?

Xana ku sale tingani?

Ava 11 wa timabulu exikarhi ka 2 wa vana kutani u hlamula swivutiso.



Xana n'wana un'we u amukele tingani?

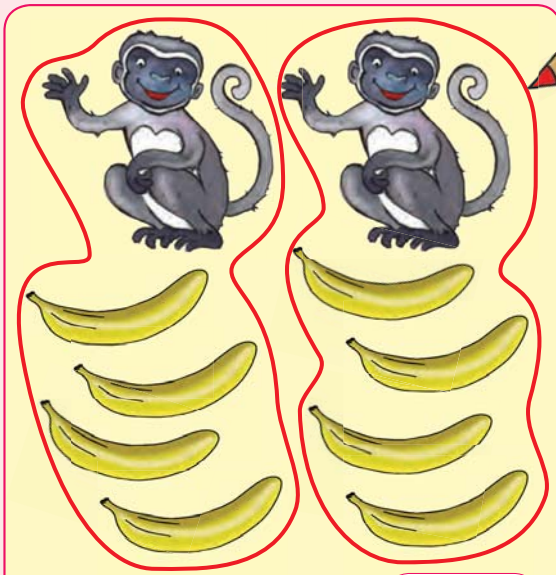
Xana ku sale tingani?

Teacher:
Sign:

Date:

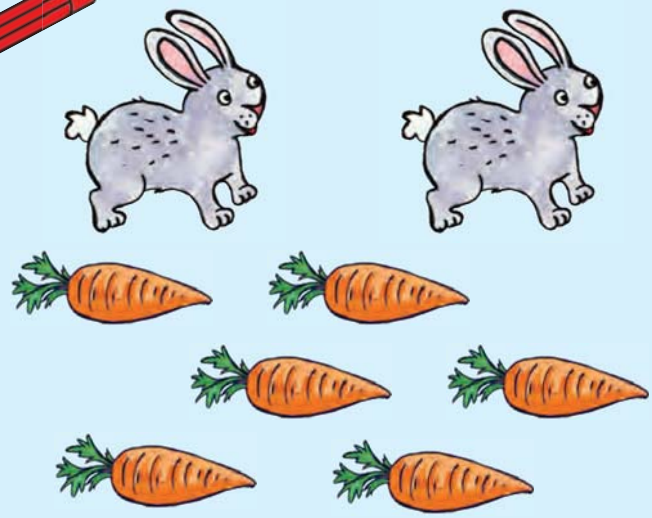
Ku avelana hi ku ringana

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

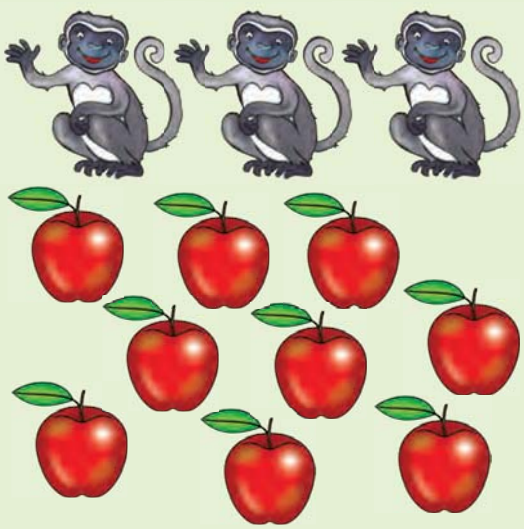


Xana mfenhe yin'wana na yin'wana yi kumile mabanana mangani?

4

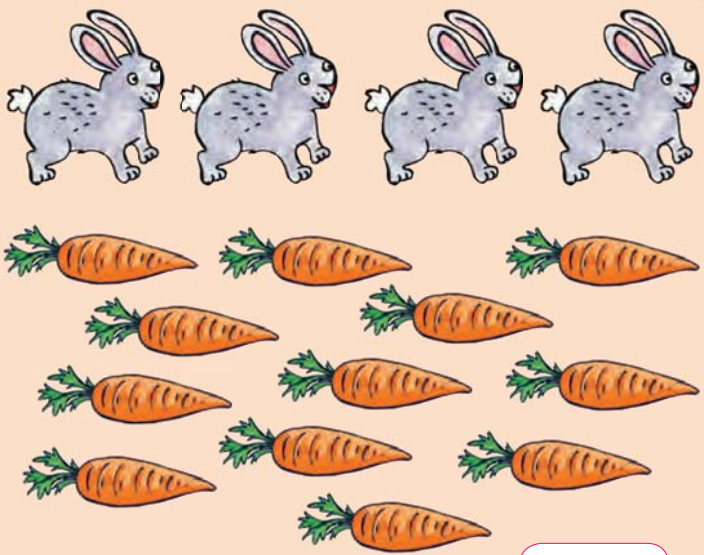


Xana mpfundla wun'wana na wun'wana wu kumile makheroti mangani?



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

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



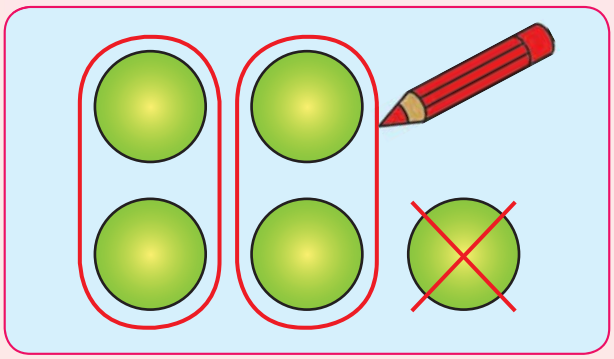
Xana mpfundla wun'wana na wun'wana wu kumile makheroti mangani?

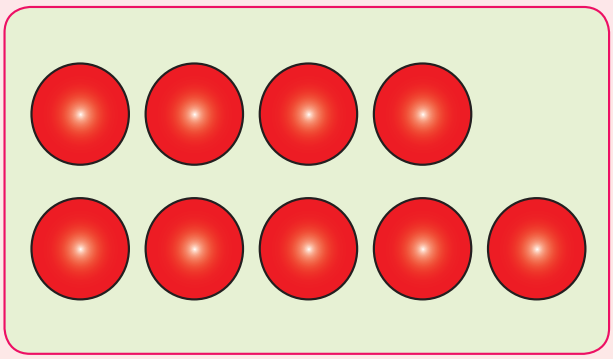
Xana ku na maapula lama saleke endzhaku ko wa ava hi ku ringana?

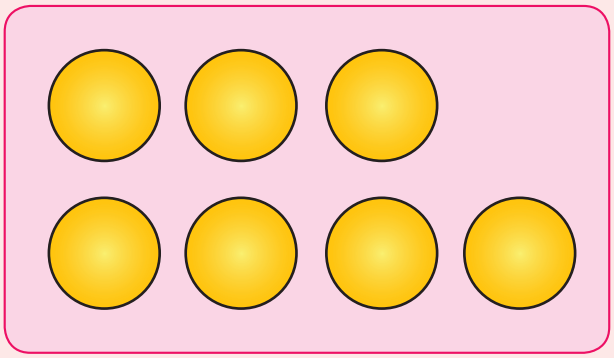


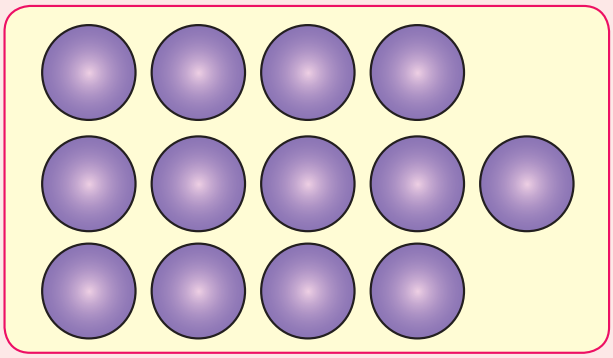
Ku vumba ntlawa hi misalo

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

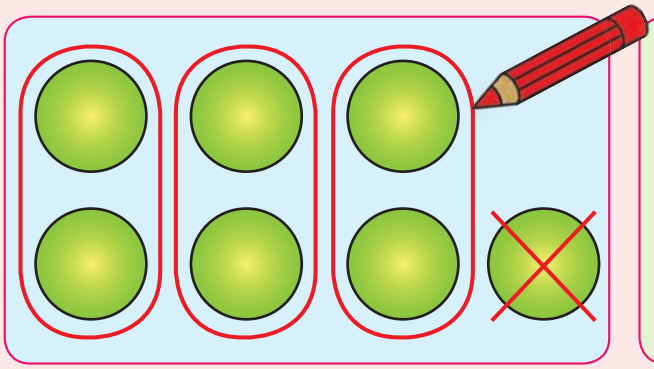


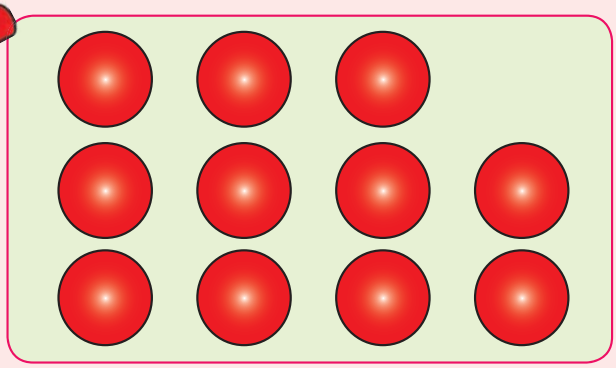


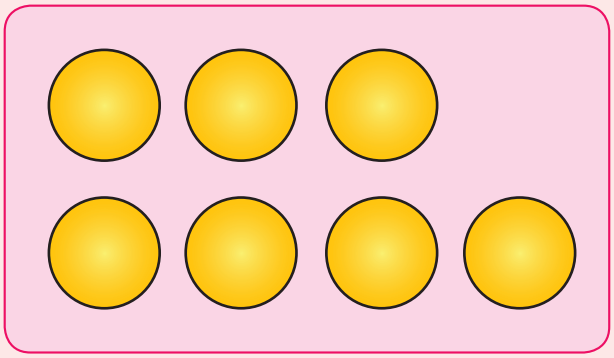


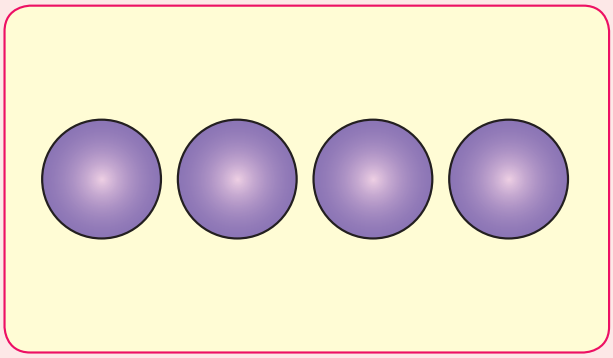


Veka swihlayelo eka 3 wa mitlawa leyi ringanaka kutani u ba xihambano eka swihlayelo leswi sale ke.









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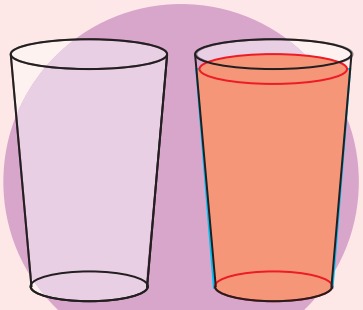
Vundzeni

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

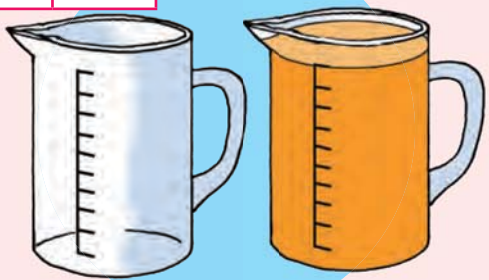


xi hava nchumu | xi tele



xi hava nchumu | xi tele

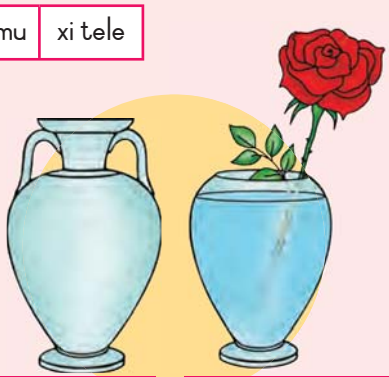
xi hava nchumu | xi tele



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



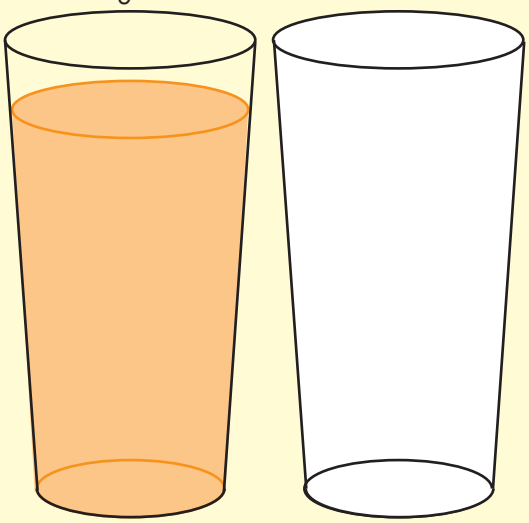
xi hava nchumu | xi tele

xi tele	xi hava nchumu

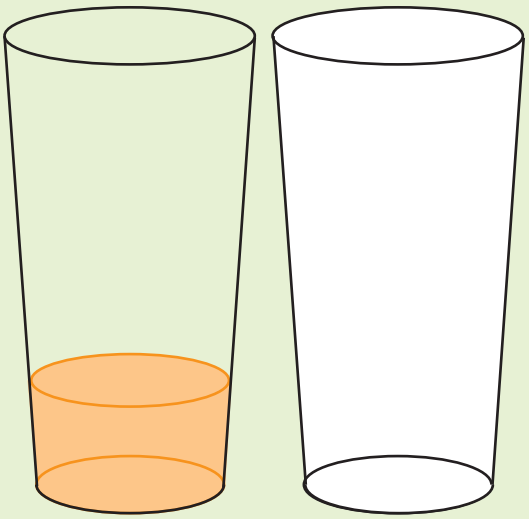




Khalara nghilazi ya vumbirhi leswaku yi va na juzi leyi nga ehansi ka ya nghilazi yo sungula.

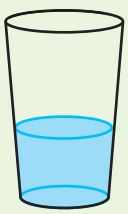


Khalara nghilazi ya vumbirhi leswaku yi va na juzi leyi taleke ku tlula ya nghilazi yo sungula.

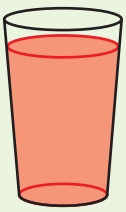


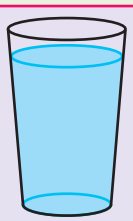


Bana xirhendzevutana eka ku tlula, ehansi ka kumbe ku ringana na.

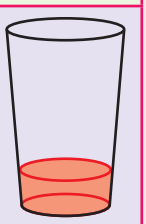


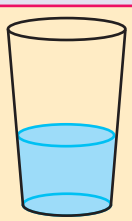
Nghilazi ya wasi yi | tlula | le hansi ka | ringana na | nghilazi yo tshwuka.



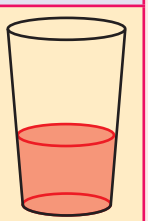


Nghilazi ya wasi yi | tlula | le hansi ka | ringana na | nghilazi yo tshwuka.





Nghilazi ya wasi yi | tlula | le hansi ka | ringana na | nghilazi yo tshwuka.



tlula	le hansi ka

Teacher:
Sign:

Date:

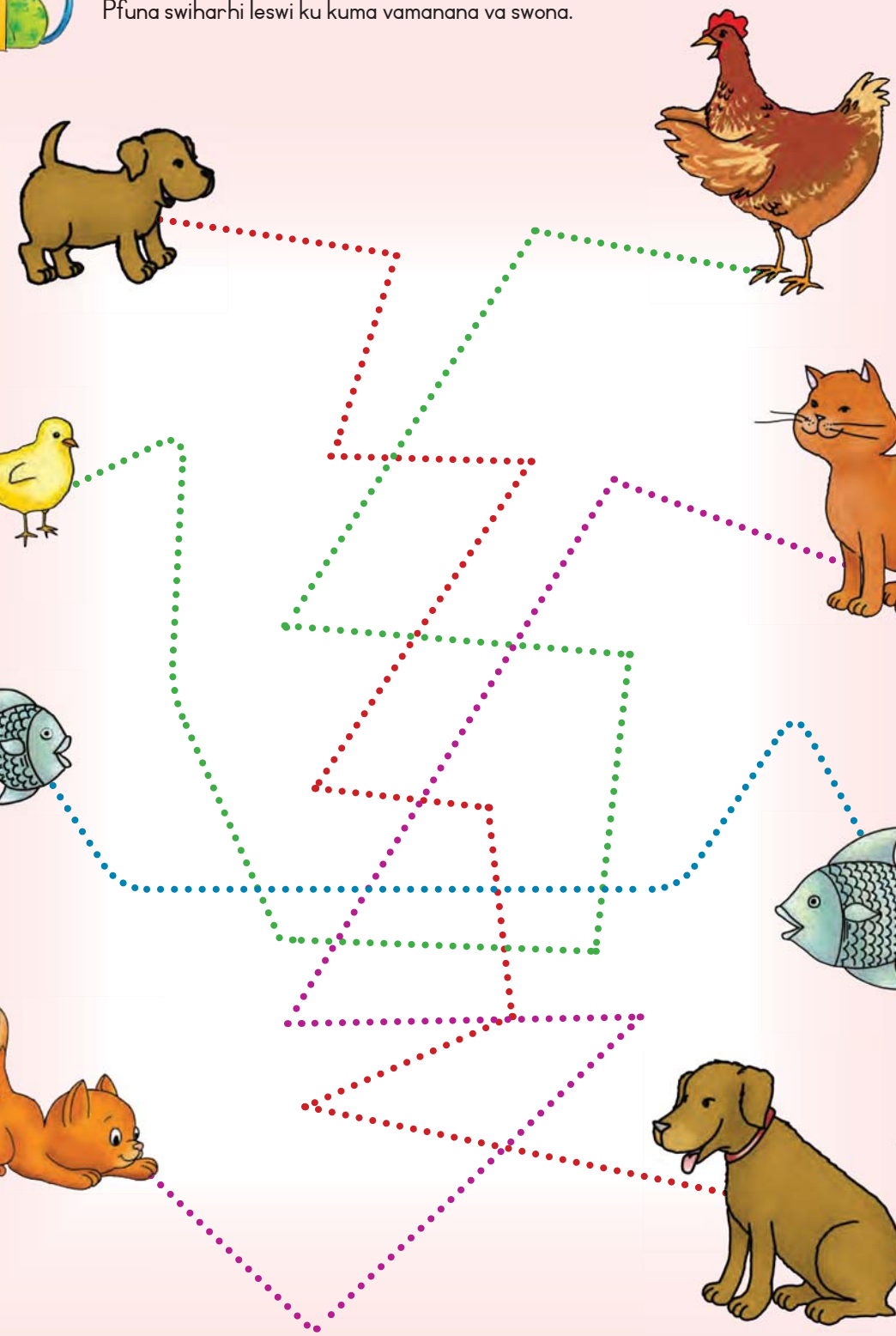
Ekusuhi na le kule

Vula leswaku i swilo swihi leswi nga ekusuhi na leswaku hi swihi leswi swi nga ekule.



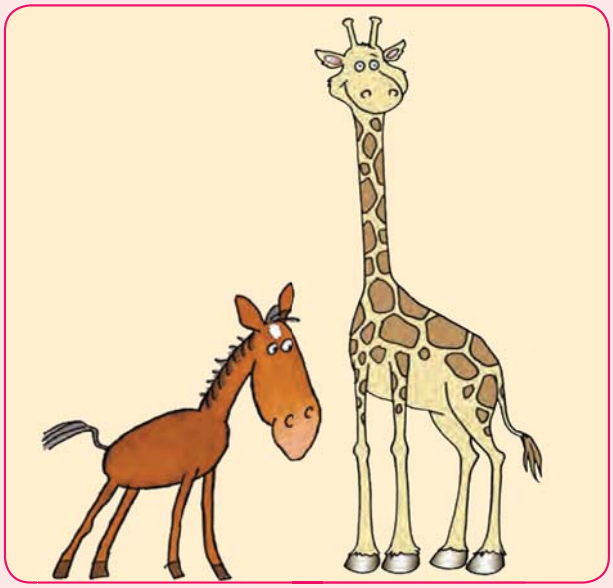
Ku landzelerisa

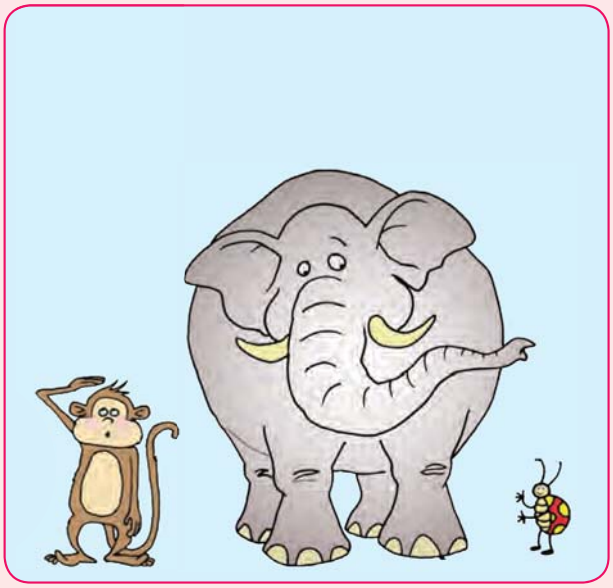
Pfuna swiharhi leswi ku kuma vamanana va swona.

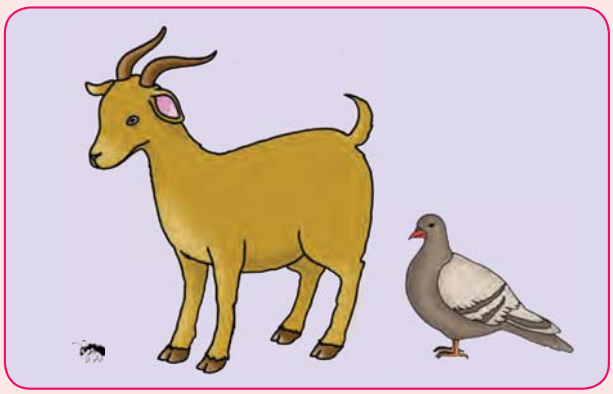


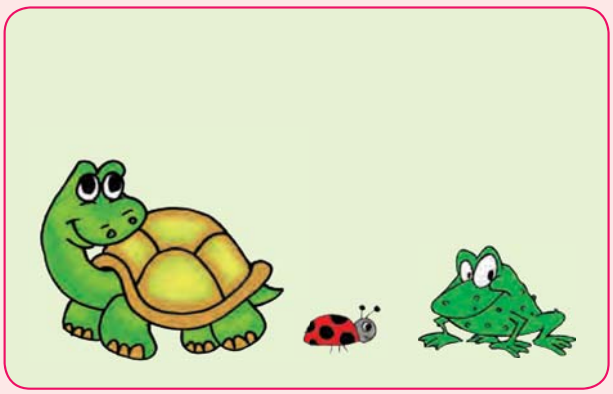
Lexikulu na lexitsongo

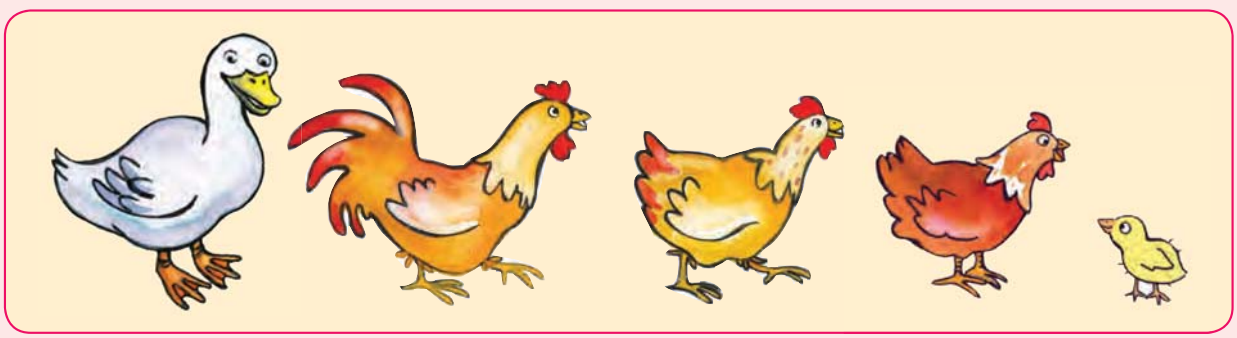
Bana xirhendzevutana xo tshwuka eka xiharhi lexikulu swinene na xirhendzevutana xa wasi eka xiharhi lexitsongo swinene eka bokisi rin'wana na rin'wana.











lexikulu	lexitsongo	lexikulu swinene	lexitsongo swinene

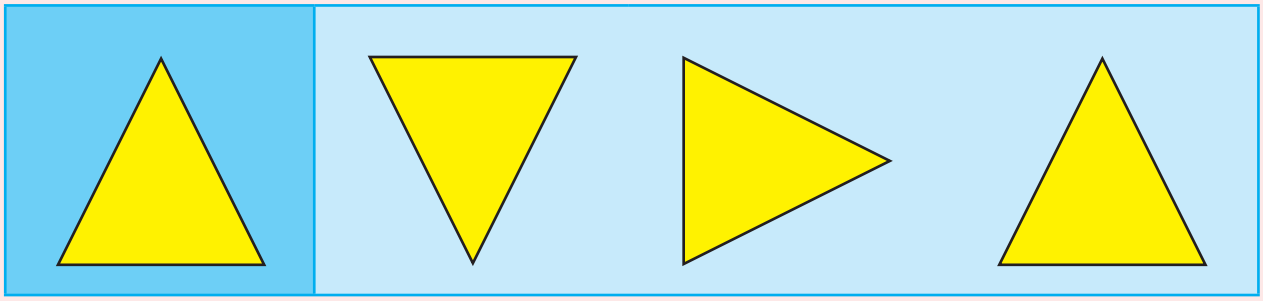
Teacher:
Sign:
Date:

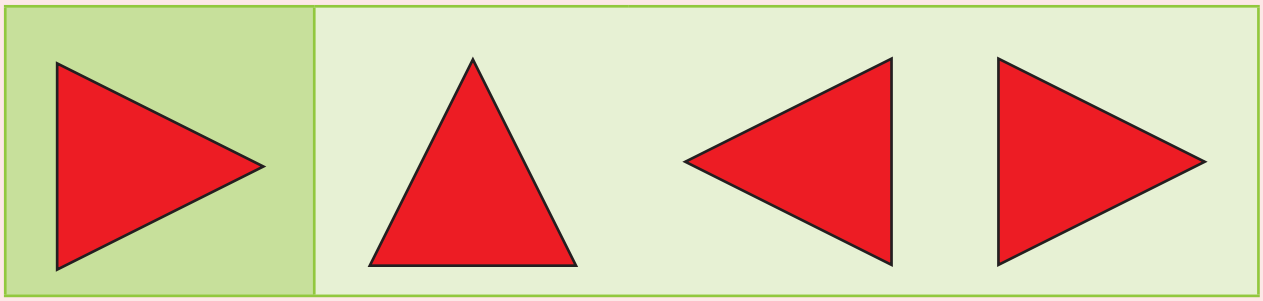
11 12 13 14 15 16 17 18 19 20

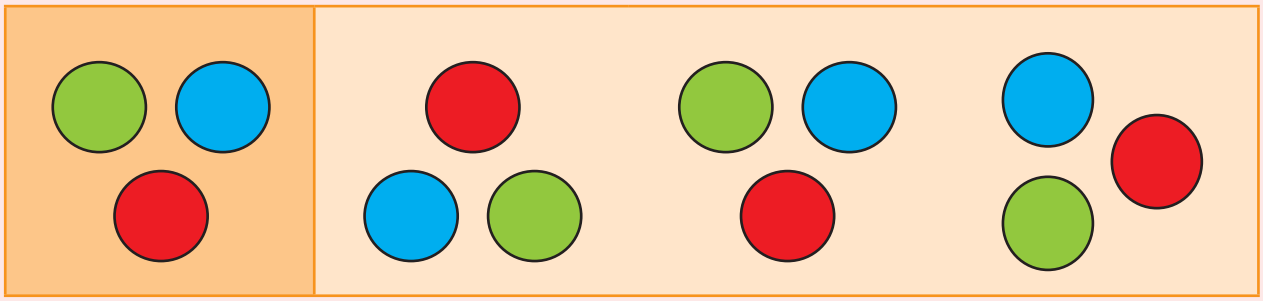


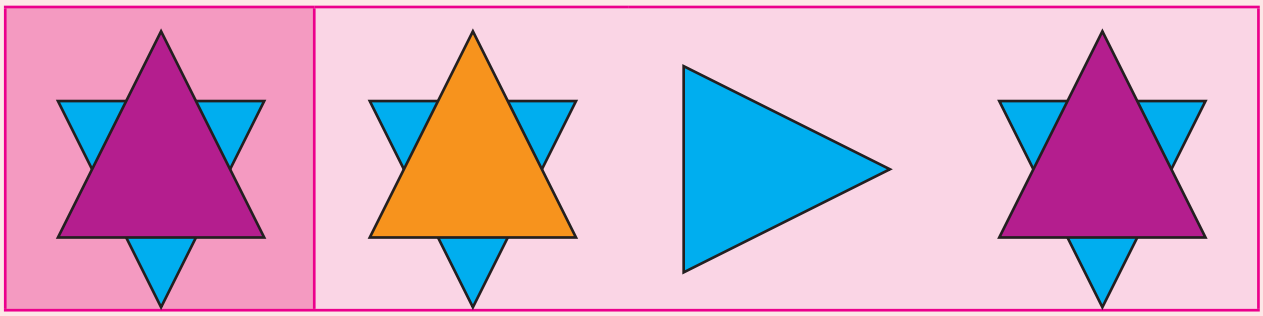
Swivumbeko

Lava u tlhela u ba xirhendzevutana eka xivumbeko lexi fanaka na xivumbeko lexi nga ebokisini ro sungula.







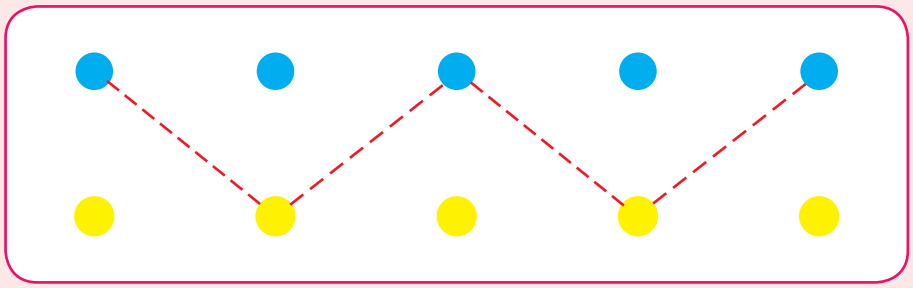


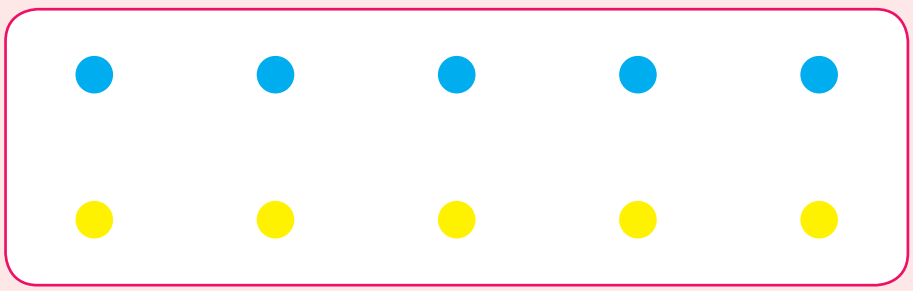


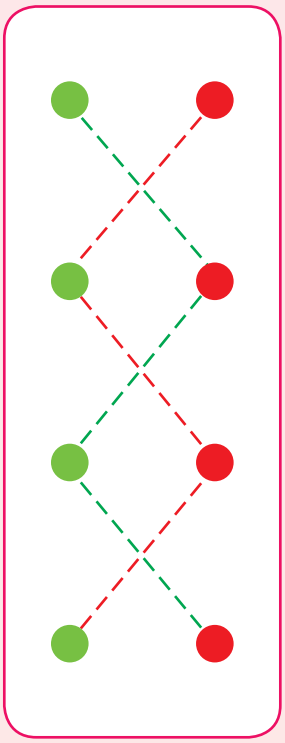


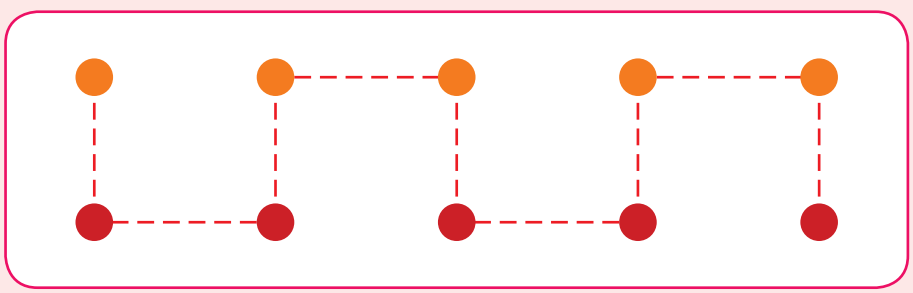


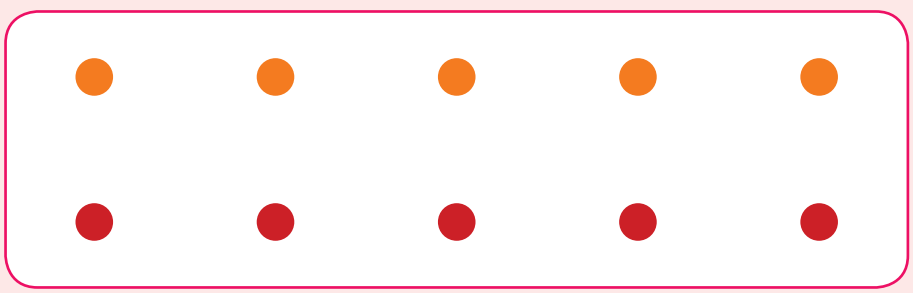
Hlanganisa mathonsi ku dirowa tipatironi leti fanaka.

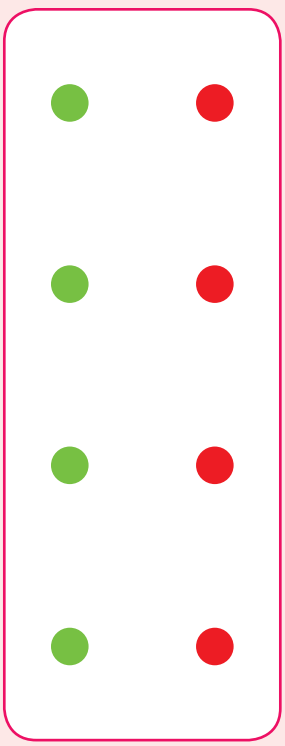


















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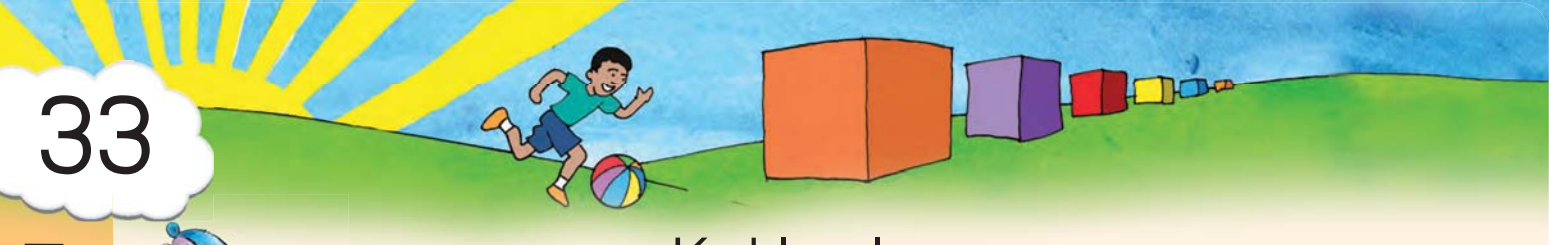
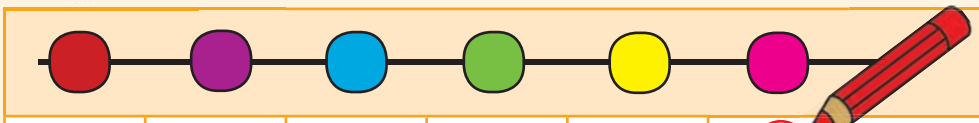


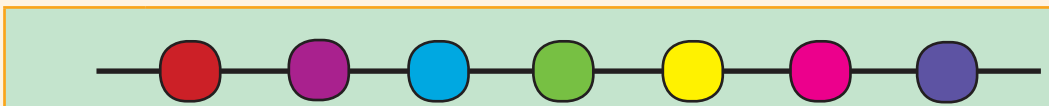


Ku hlayela

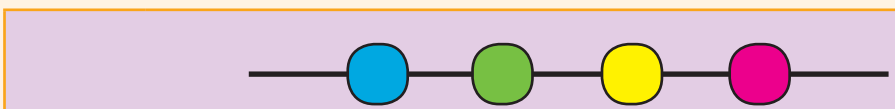
Hlayela vuhlalu kutani u ba xirhendzevutana eka nomboro leyi faneleke.



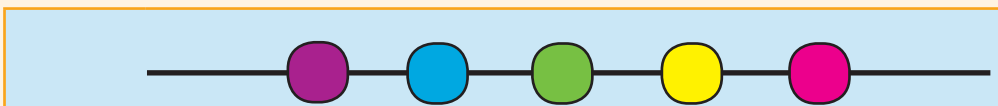
1	2	3	4	5	6	7	8



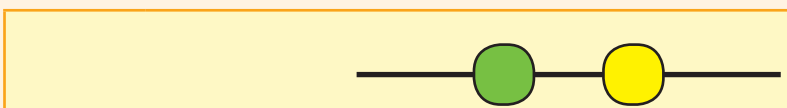
1	2	3	4	5	6	7	8



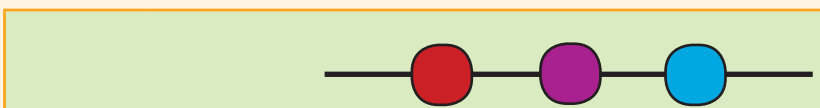
1	2	3	4	5	6	7	8



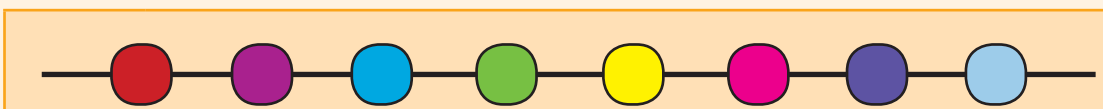
1	2	3	4	5	6	7	8



1	2	3	4	5	6	7	8



1	2	3	4	5	6	7	8



1	2	3	4	5	6	7	8



Ndzhati wa mitsengo

Tsala tinomboro leti siyiweke.

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

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11 12 13 14 15 16 17 18 19 20

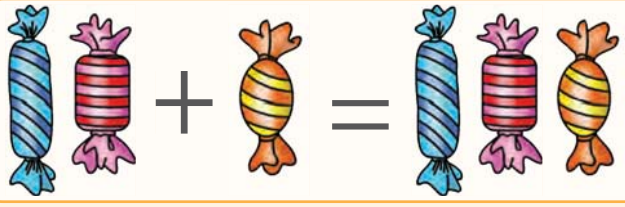
Ku hlanganisa



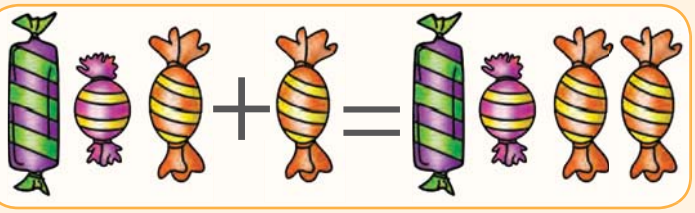
A hi engeteleni I kutani hi tsala nhlamulo.



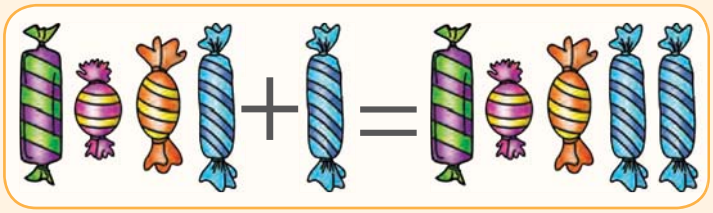
1 + 1 = 2



2 + 1 = 3



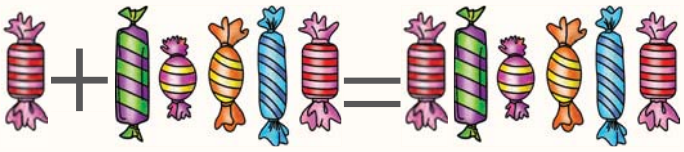
3 + 1 =



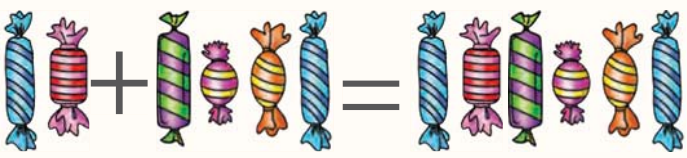
4 + 1 =



2 + 3 =



1 + 5 =



2 + 4 =

Teacher:
Sign:

Date:

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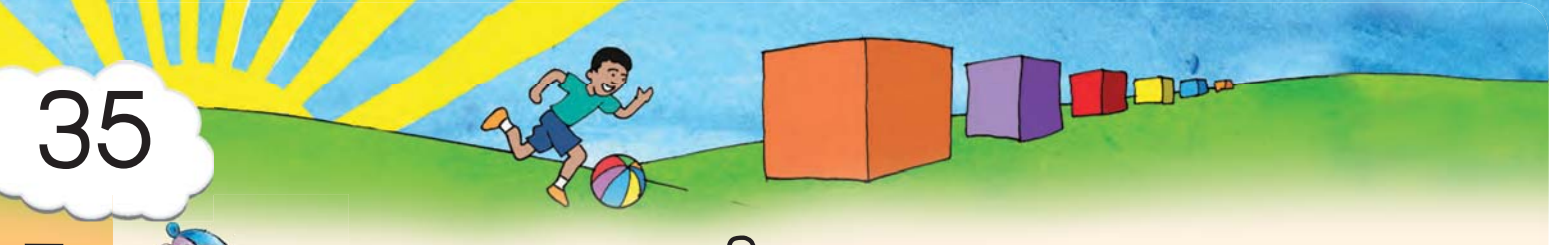




Swiyimo

Bana xirhendzevutana eka tinhlamulo leti faneleke.



I xiharhi xihi lexi nga emahlweni ka ndlopfu?					
I xiharhi xihi lexi nga endzhaku ka mbyana?					
I xiharhi xihi lexi nga exikarhi ka mangwa na mbyana?					
Loko mbyana yi ya emahlweni, xana yi ta chayisana na xiharhi xihi?					
Loko ndlopfu yi ya endzhaku, xana yi ta chayisa xiharhi xihi?					
Xana i xiharhi xihi lexi nga eka rixaxa ra le xikarhi?					
Xana xiharhi xo sungula erixaxeni hi xihi?					
Xana xiharhi xo hetelela erixaxeni hi xihi?					

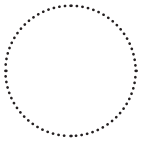


Mifungho na swivumbeko

Kopunula mifungho leyi.

+	+
−	
×	
÷	
=	

Kopunula swivumbeko leswi.

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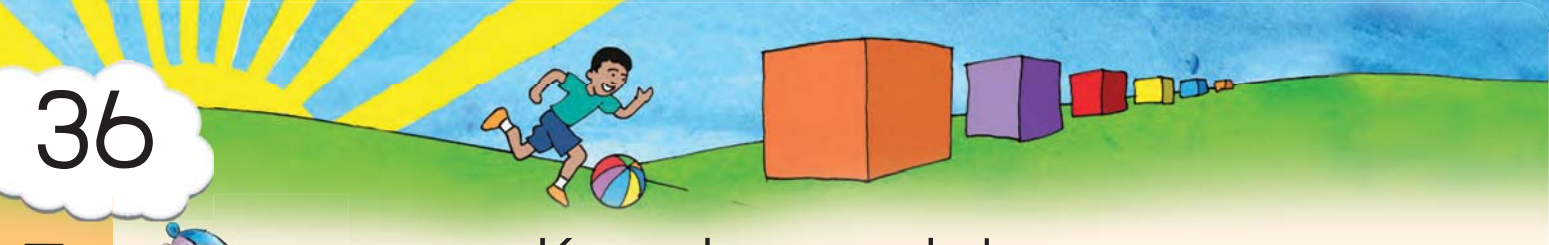
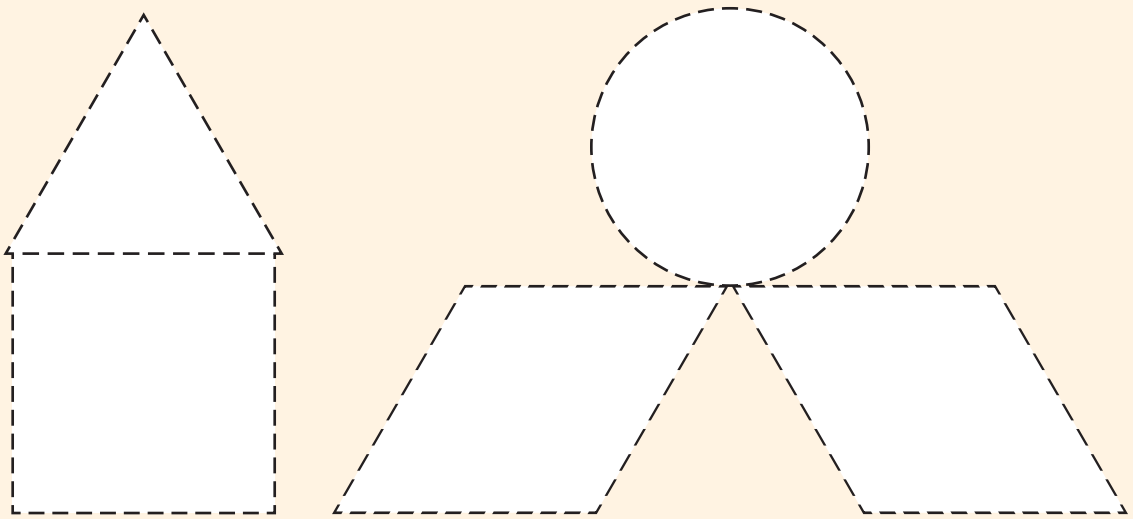




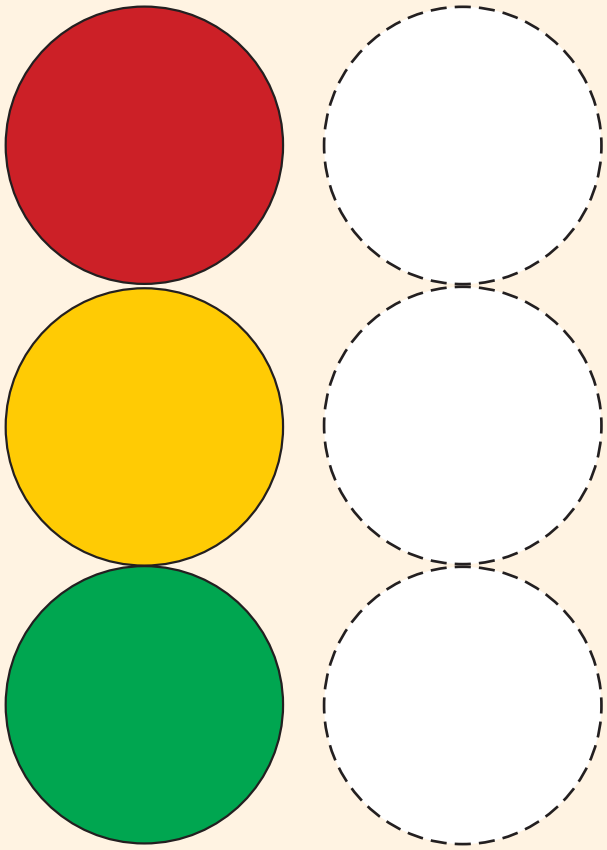
Ku vumba swivumbeko

Tirhisa swivumbeko leswi u swi tsemeke ku hetisa tipatironi leti landzelaka.





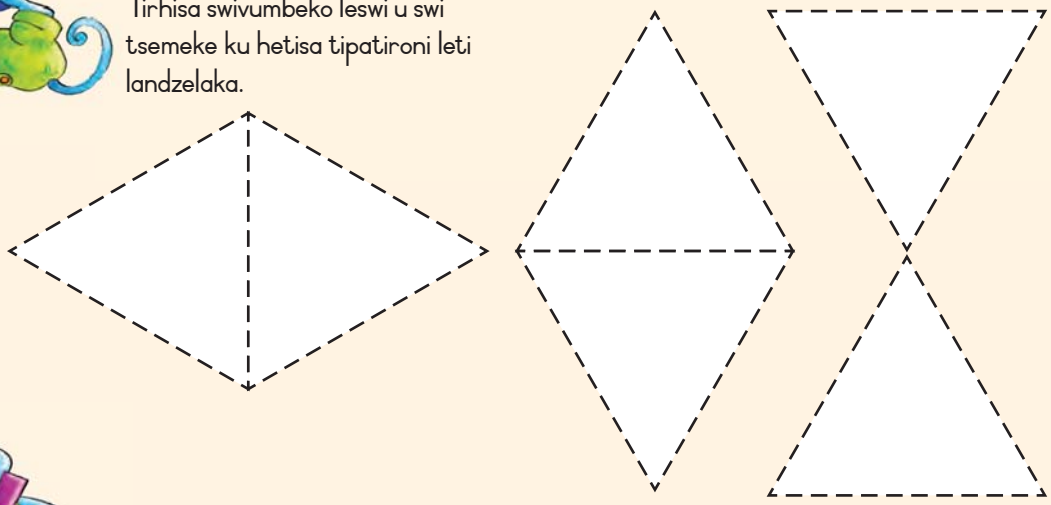
Endla rivoni ro lawula mimovha emagondzweni. Xana muhlovo wun'wana na wun'wana wu hi byela yini?





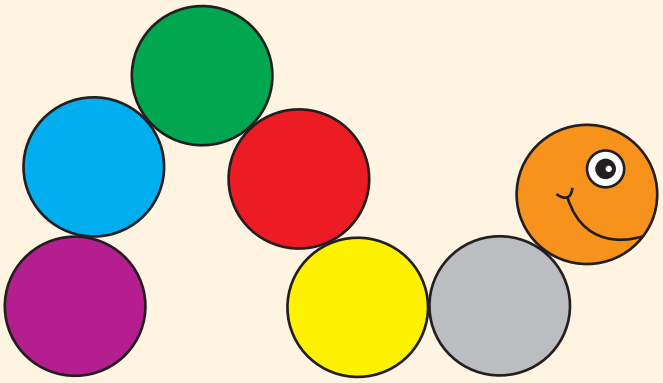


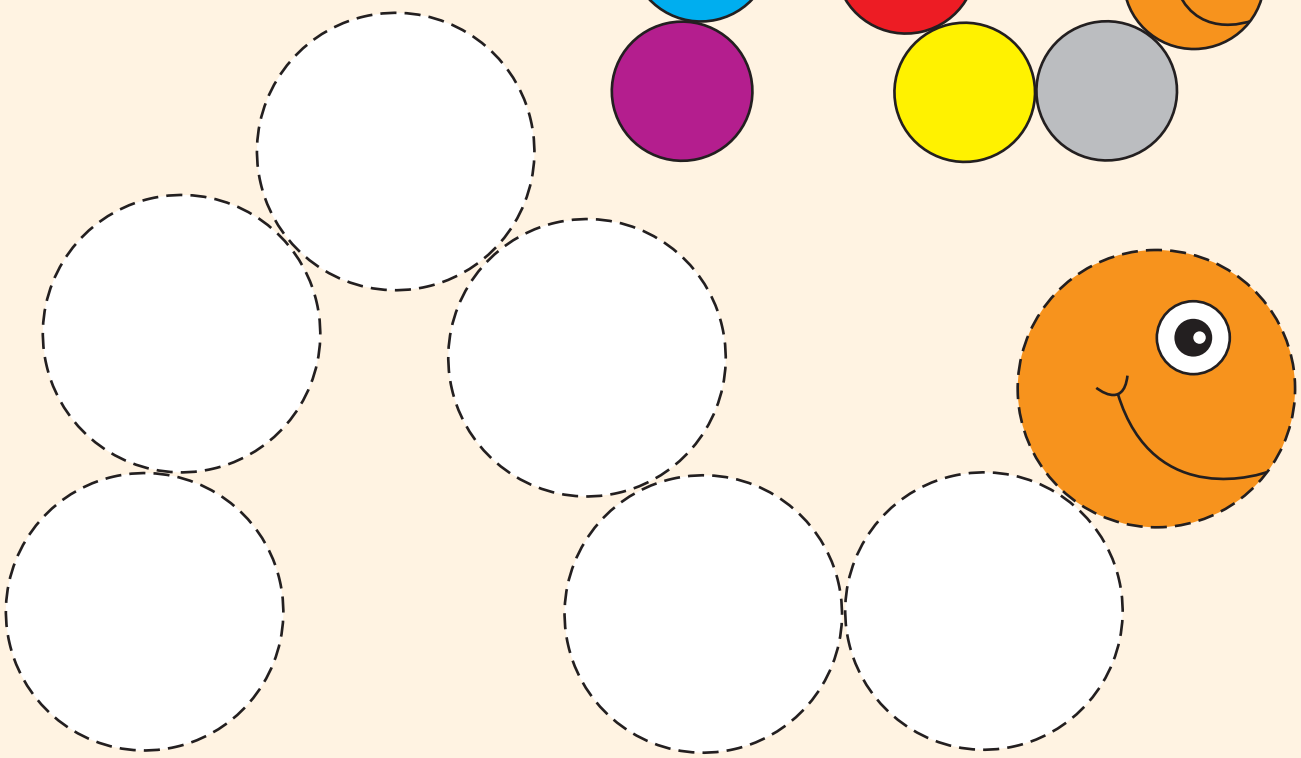
Tirhisa swivumbeko leswi u swi tsemeke ku hetisa tipatironi leti landzelaka.





Tirhisa swirhendzevutana leswi tsemiweke ku endla xivungu. Yelanisa na mihlovo.



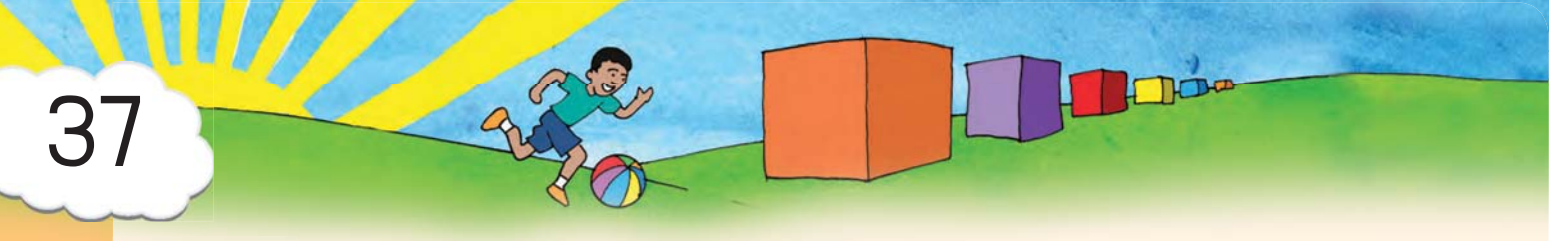


Teacher:
Sign:

Date:



11 12 13 14 15 16 17 18 19 20





Ntsevu

Tirhisa swivumbeko swa switsemiwa kutani u veka 6 wa swirhendzevutana ebulokweni.

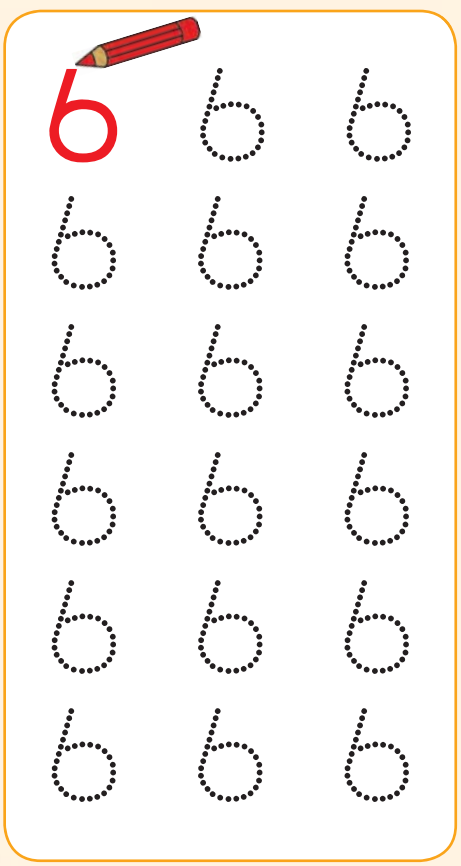


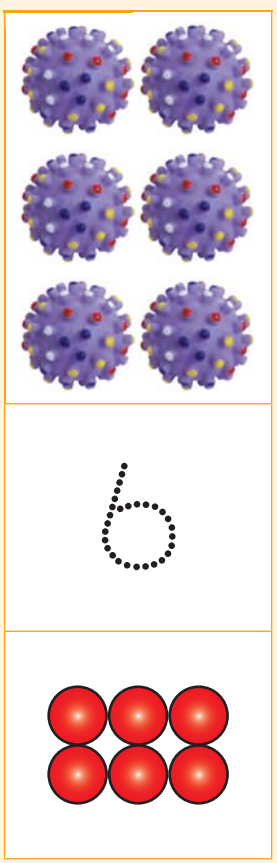


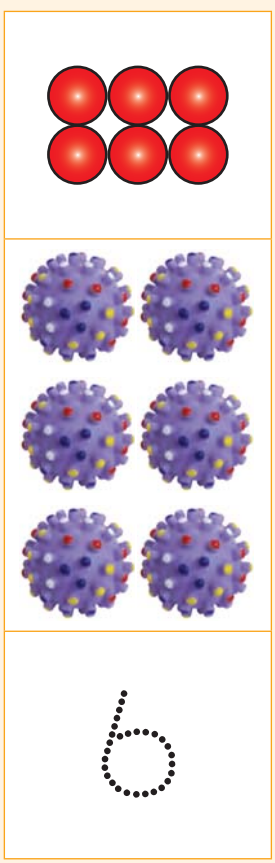
Landzelerisa nomboro.



Yelanisa swifaniso.









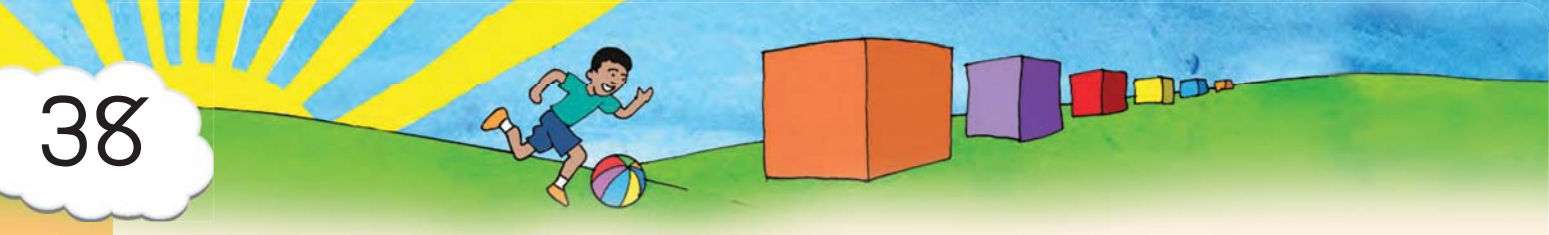
Khalara 6 wa swirhendzevutana.

Dirowa swin'wana swa 6.

Titolovete ku tsala nomboro.

6 ntsevu 6 6 6

Khalara swirhendzevutana loko u ri karhi u hlayela.



Nkombo



Tirhisa switsemiwa swa wena kutani u veka 7 wa swikwere ebulokweni.

7



Landzelerisa nomboro.



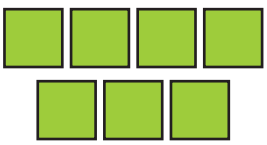
Yelanisa swifaniso.

7 7 7
7 7 7
7 7 7
7 7 7
7 7 7
7 7 7



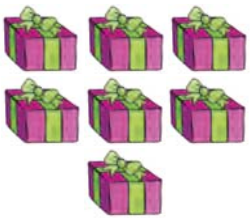
nkombo

7



7

nkombo





Khalara 7 wa tirekthengula na 7 wa tibuloko.

Dirowa swin'wana swa 7.

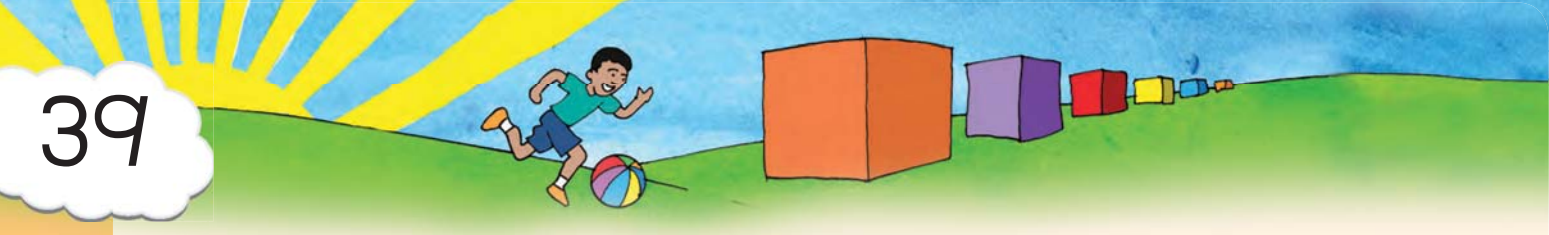
Titolovete ku tsala nomboro.

7 nkombo 7 7 7 7

Khalara swikwere loko u ri karhi u hlayela.

Teacher:
Sign:

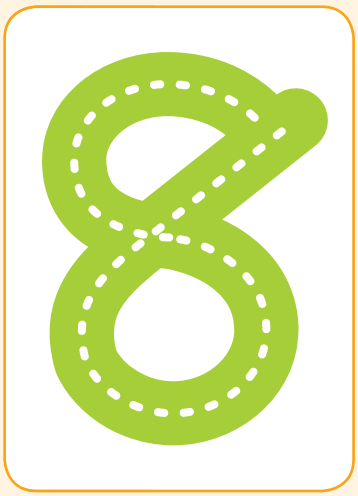
Date:



Nhungu



Tirhisa switsemiwa swa wena kutani u veka 8 wa swivumbeko ebulokweni.

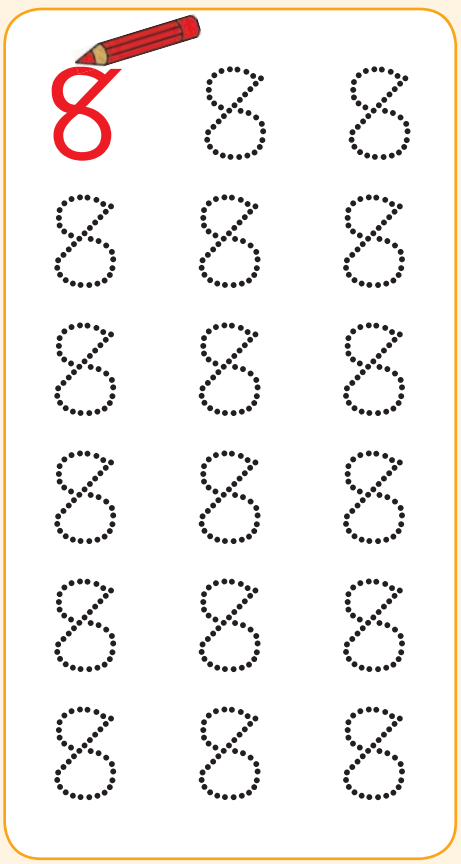


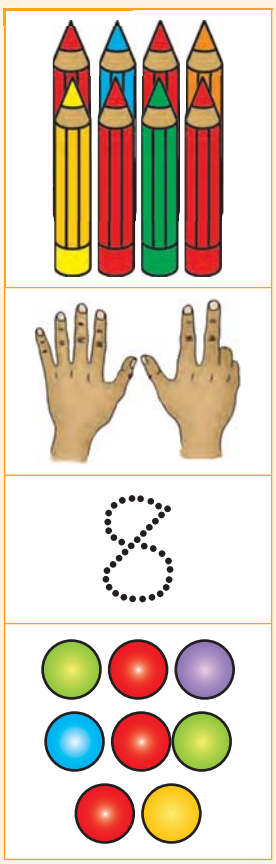


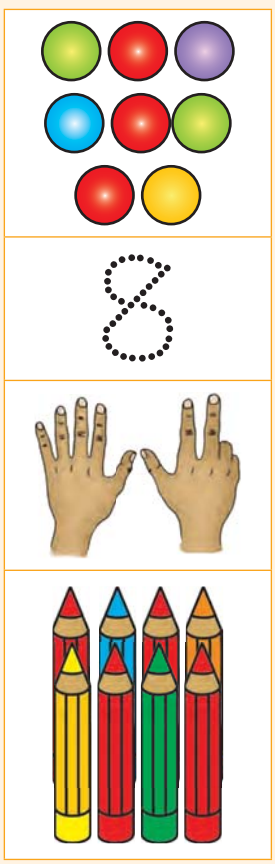
Landzelerisa nomboro.



Yelanisa swifaniso.









Khalara 8 wa tinyeleti.

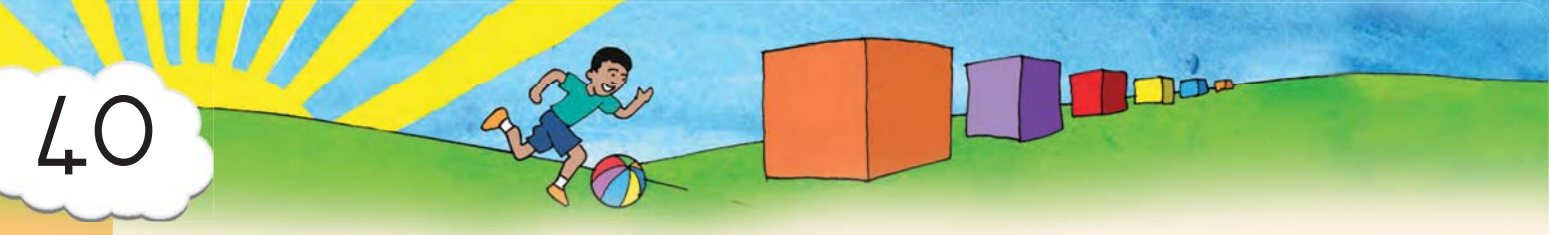
Dirowa swin'wana swa 8.

Titolovete ku tsala nomboro.

nhungu

8 8 8 8

Khalara swirhendzevutana loko u ri karhi u hlayela.





Kaye

Dirowa timbilu ta kaye ebulokweni u tlhela u ti khalara.

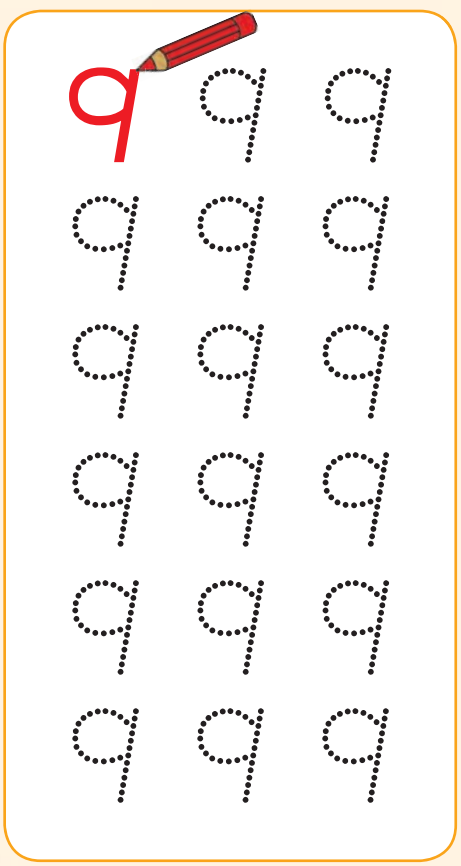


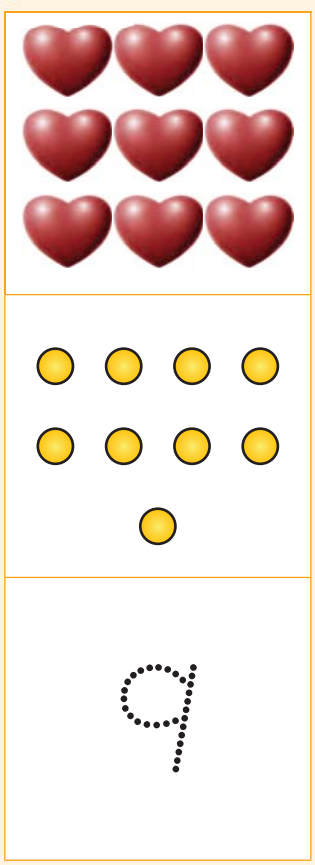


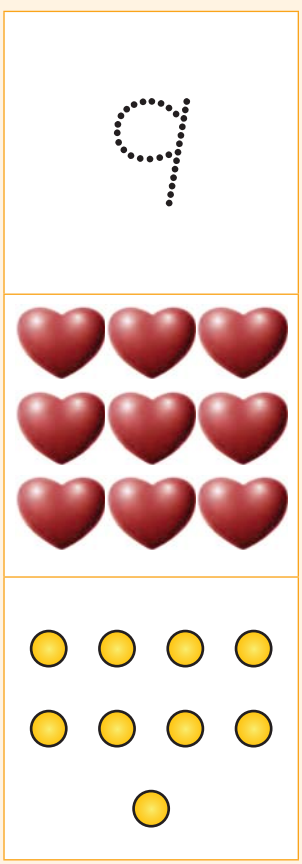
Landzelerisa nomboro.



Yelanisa swifaniso.

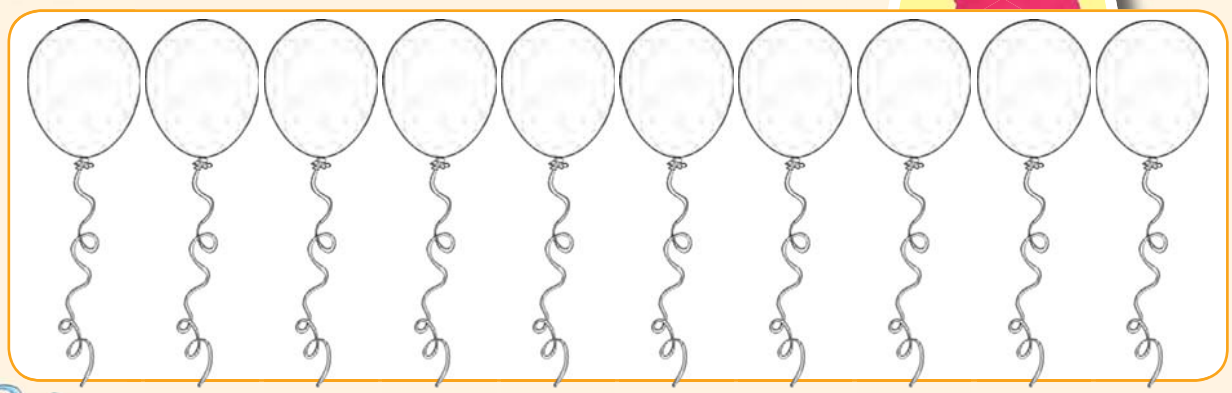






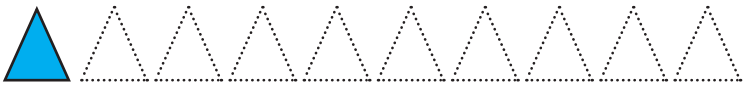
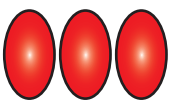


Khalara tibaluni ta kaye.





Dirowa swin'wana swa 9.

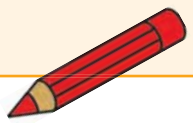
	
	
	
	



Titolovete ku tsala nomboro.



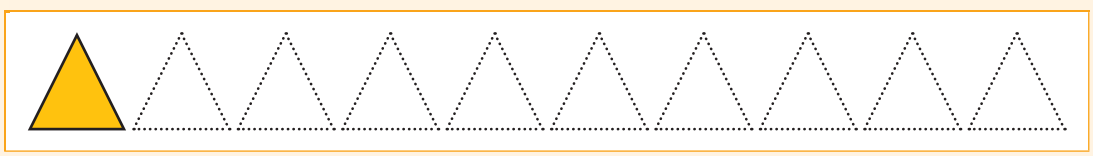
kaye



9 9 9 9



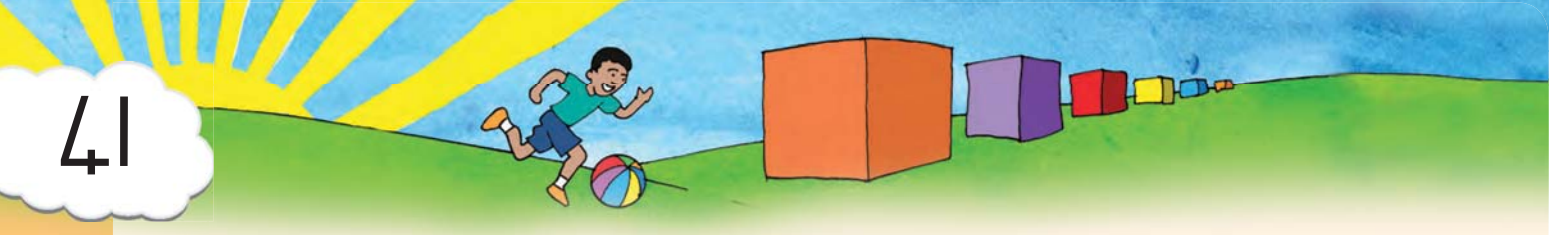
Khalara tinhlanharhu loko u ri karhi u hlayela.



Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20



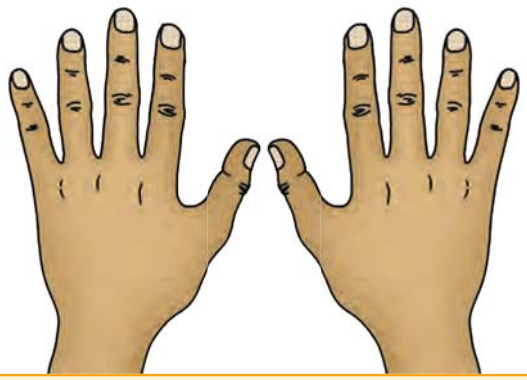
Khume



Hlayela tintiho eswandleni swa wena.

10

1 2 3 4 5 6 7 8 9 10





Landzelerisa nomboro.



Yelanisa swifaniso.

10 10 10

10 10 10

10 10 10

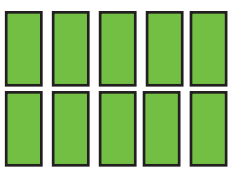
10 10 10

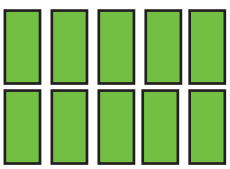
10 10 10

10 10 10

10







10



10



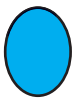
1 2 3 4 5 6 7 8 9 10



Khalara 10 wa mihandzu.



Dirowa swin'wana swa 10.

Titolovete ku tsala nomboro.

10 khume



10 10 10

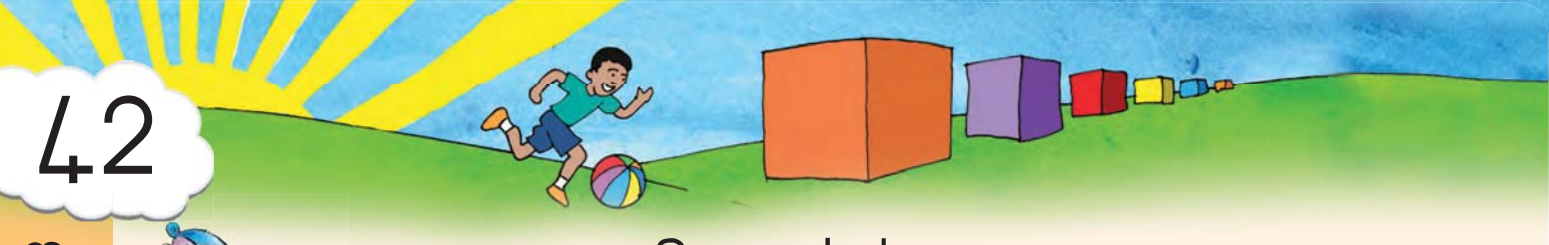
Khalara tirekthengula loko u ri karhi u hlayela.



Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

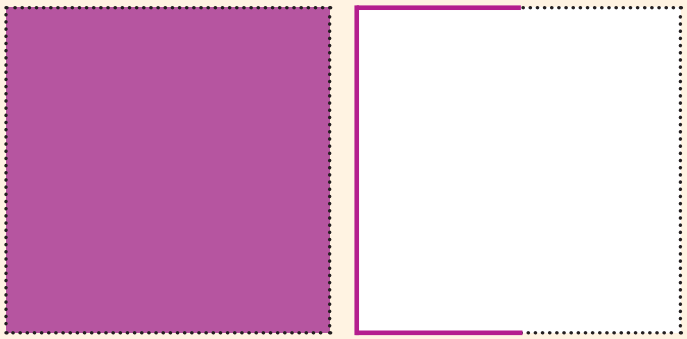




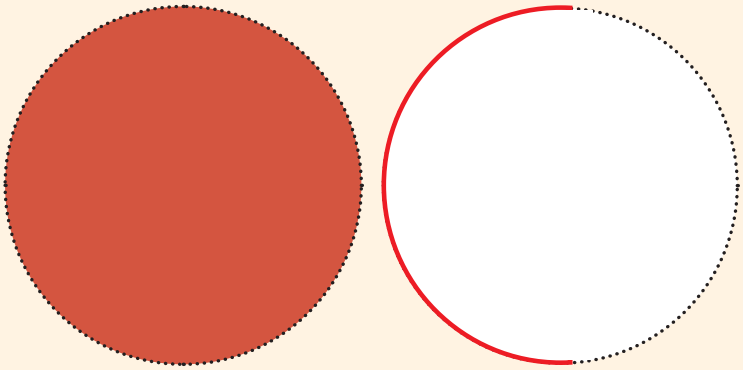
Swivumbeko

Hetisa swifaniso leswi.

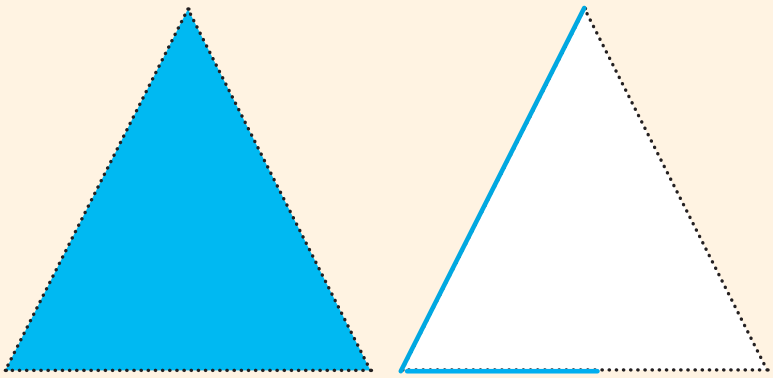
xikwere



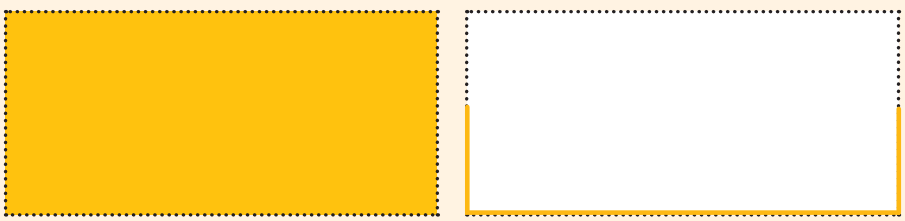
xirhendzevutana



yinhlanharhu

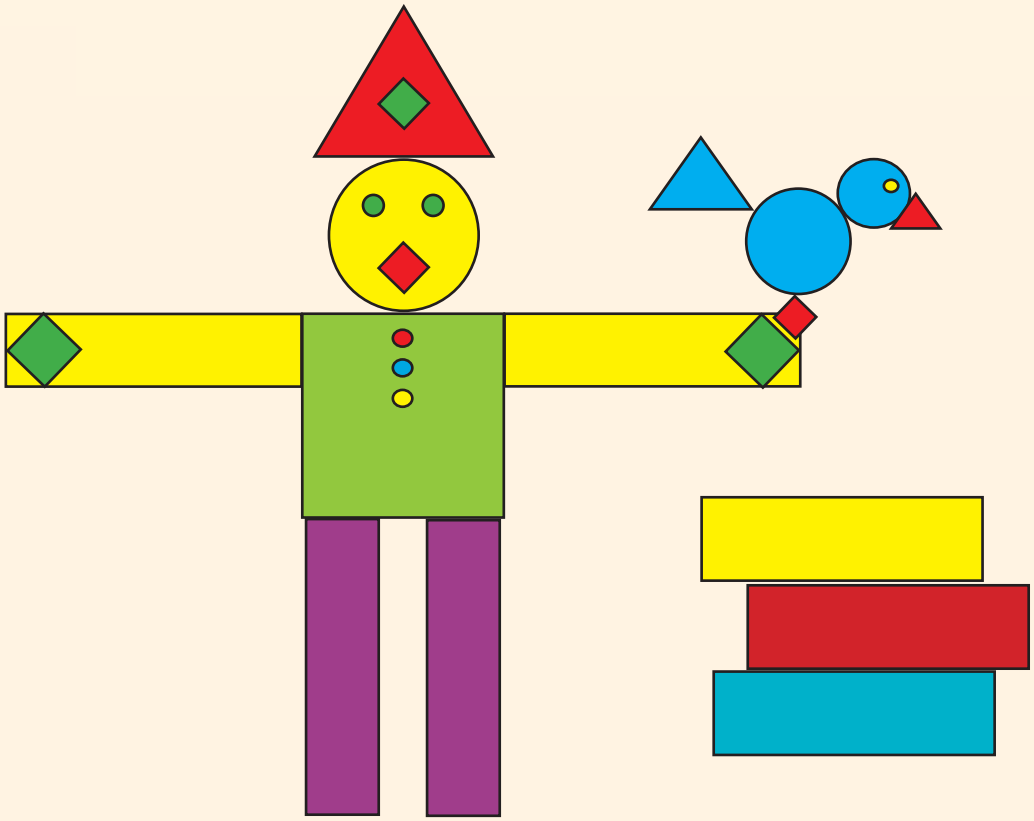


rekthengula



Lava swivumbeko

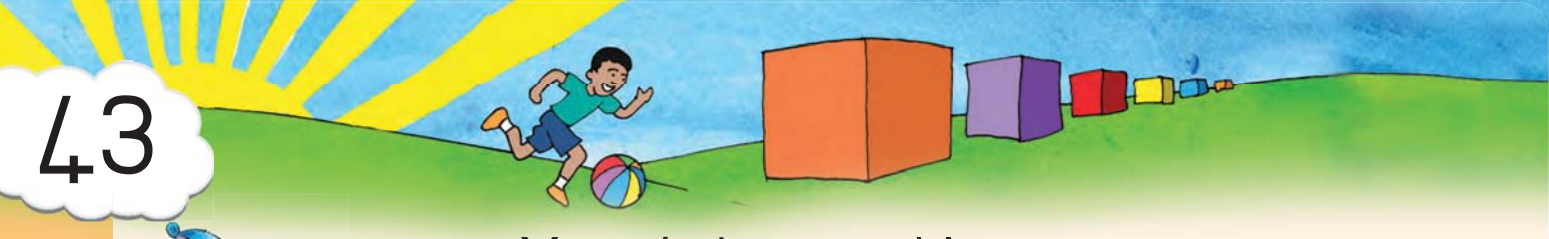
Lava swivumbeko swo hambana kutani u swi hlayela.



	Xana u kumile swikwere swingani?
	Xana u kumile swirhendzevutana swingani?
	Xana u kumile tinhlanharhu tingani?
	Xana u kumile tirekthengula tingani?

Teacher:
Sign:

Date:





Xivumbeko na muhlovo

Khalara swivumbeko.

Khalara swikwere hi muhlovo wo tshwuka.

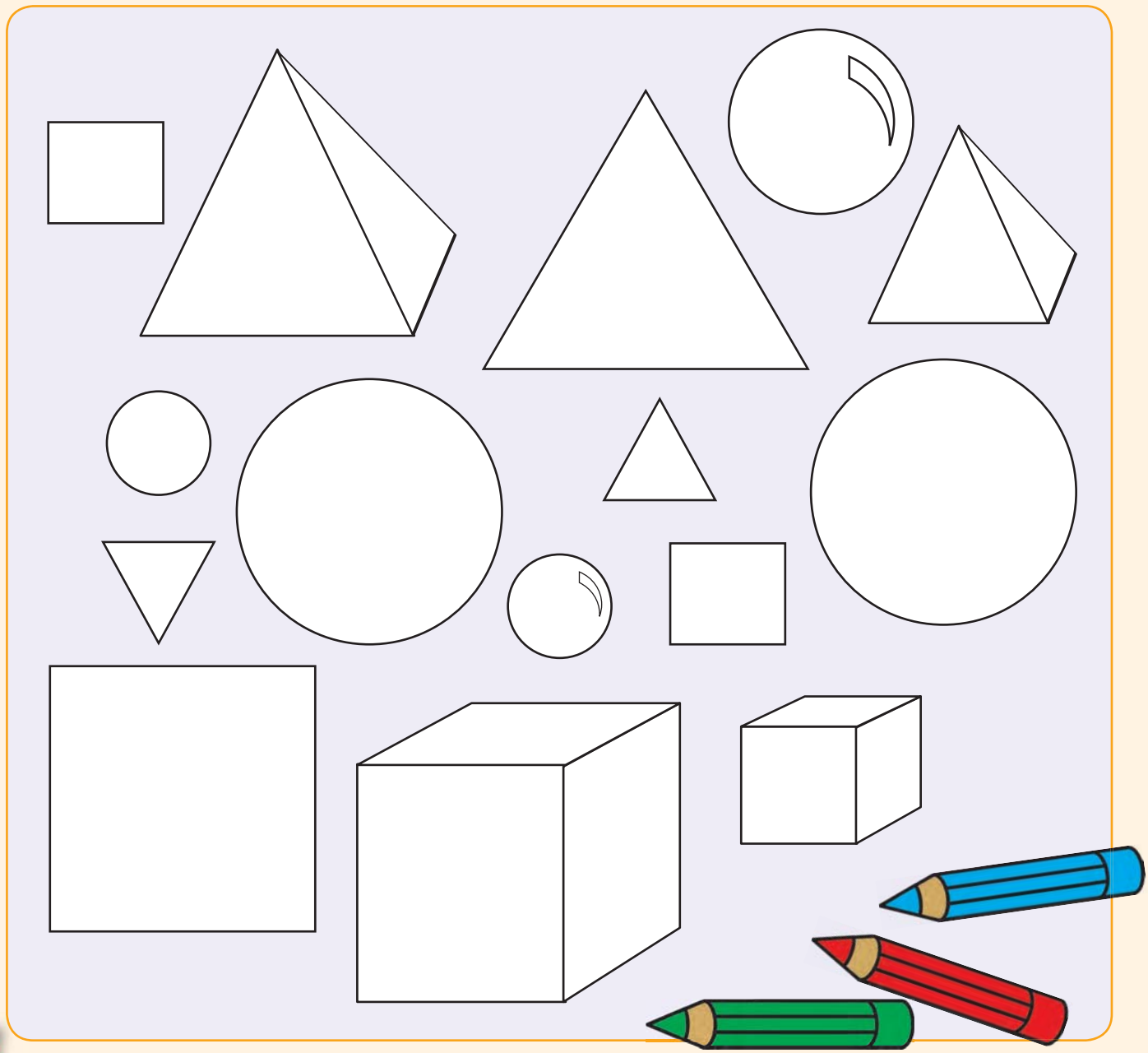
Khalara swirhendzevutana hi muhlovo wa wasi.

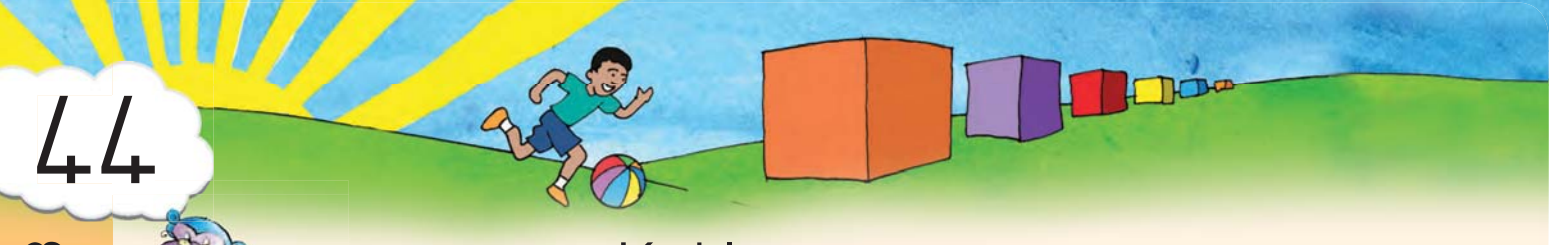
Khalara tinhlanharhu hi muhlovo wa rihlaza.

Khalara tikhubu hi muhlovo wa xitshopana.

Khalara swirhendzevutana hi muhlovo wa xivunguvungu.

Khalara tiphirizimu hi muhlovo wa xilamula.

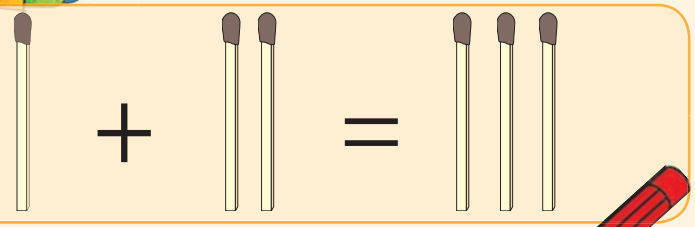




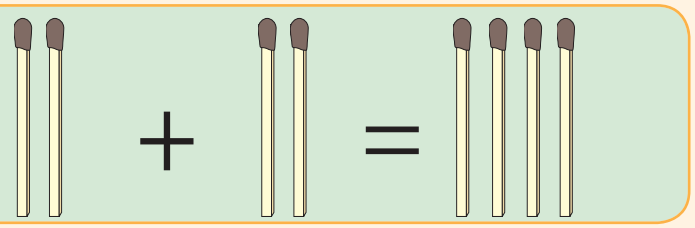


Ku hlanganisa

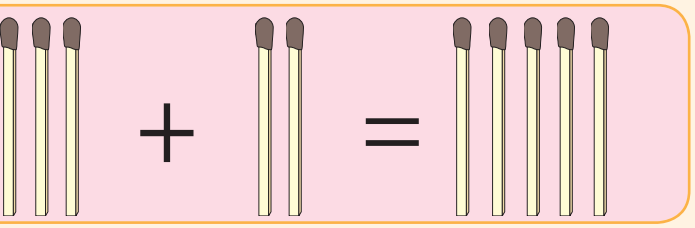
A hi engeteleni 2 kutani hi tsala nhlamulo.



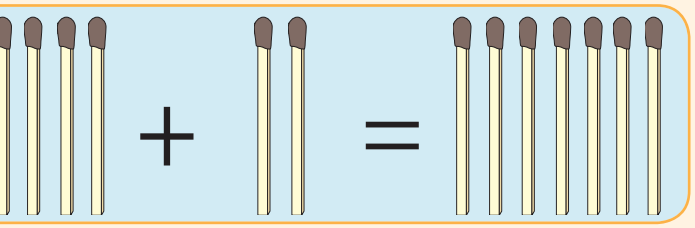
1 + 2 = 3



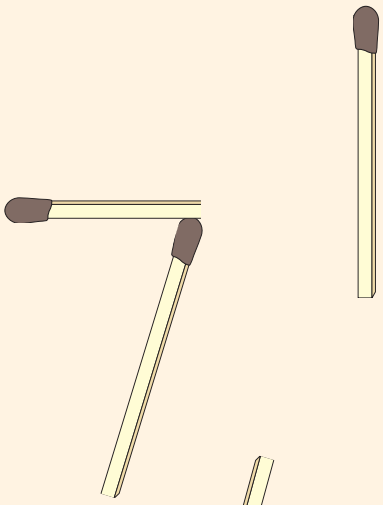
2 + 2 = ...

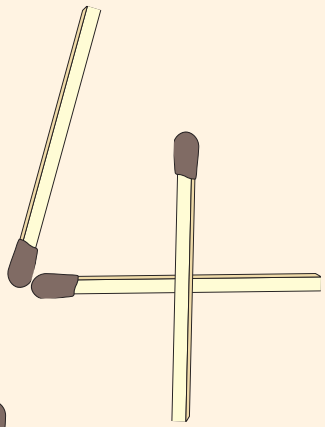


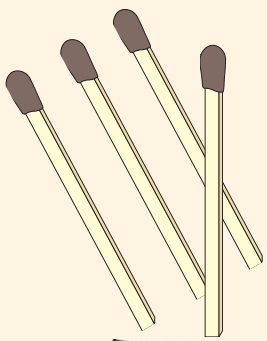
3 + 2 = ...

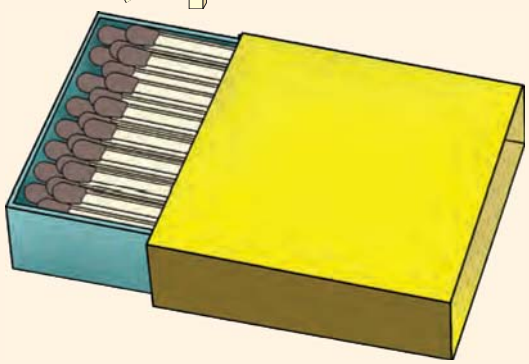


5 + 2 = ...











Kopunula tinomboro leti landzelaka.

1	n'we	1
2	mbirhi	2
3	nharhu	3
4	mune	4
5	ntlhanu	5
6	ntsevu	6
7	nkombo	7
8	nhungu	8
9	kaye	9
10	khume	10

Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

Ximatsi na xinene



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

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



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

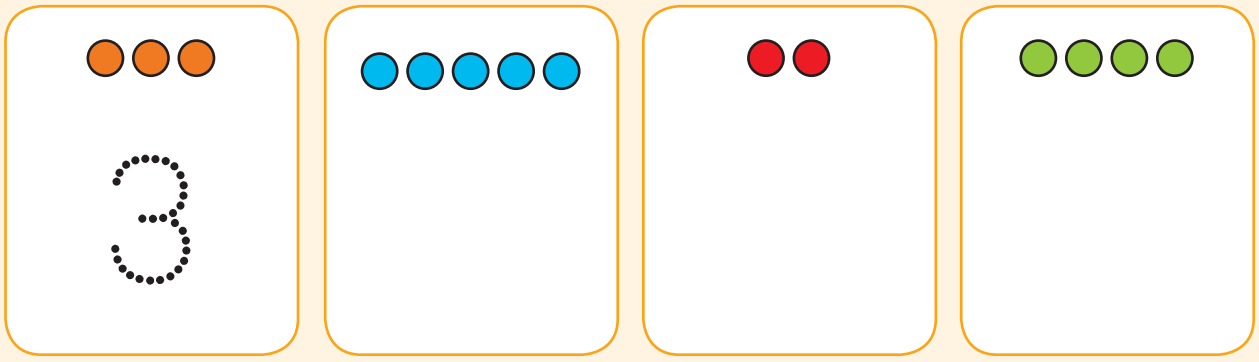
Bana xirhendzevutana eka voko ra yena ra xinene.
Bana xirhendzevutana eka nenge wa yena wa ximatsi.
Yima tanihi nhwanyana kutani u kombisa voko ra wena ra xinene.





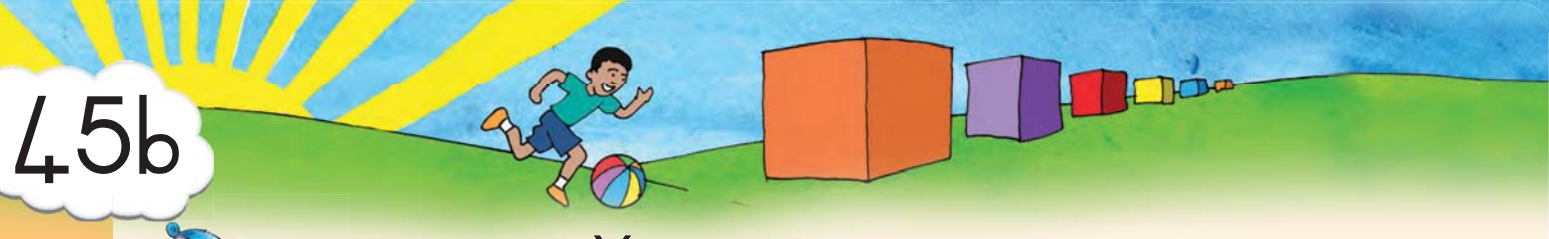


Titolovete ku tsala tinomboro leti landzelaka.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





Ximatsi na xinene

I swilo swihi leswi nga etlhelweni ra yena ra ximatsi kumbe ra xinene?



	Ximatsi	Xinene
Bolo ya yena yi le ka tlhelo ra		
Buku ya yena yi le ka tlhelo ra		
Apula ra yena ri le ka tlhelo ra		

	Ximatsi	Xinene
Mbyana ya yena yi le ka tlhelo ra		
Ximanga xa yena xi le ka tlhelo ra		
Bege ya yena yi le ka tlhelo ra		





Tinomboro leti siyiweke

Tsala tinomboro leti siyiweke eka rixaxa rin'wana na rin'wana.

1	2	3		5	6	7		9	10
11		13	14	15	16		18	19	20
	22	23		25	26	27		29	
31	32		34	35	36	37		39	40
	42			45	46		48	49	



Titolovete ku tsala tinomboro leti landzelaka.



6

ntsevu



7

nkombo



8

nhungu



9

kaye



10

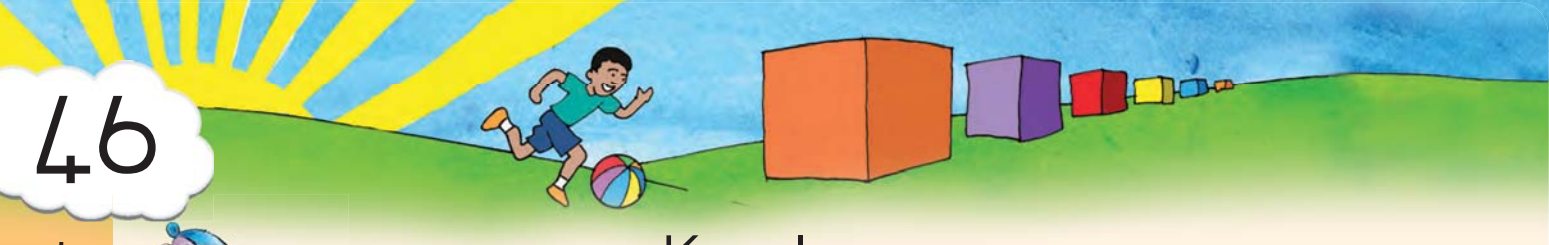
khume

Teacher:
Sign:

Date:



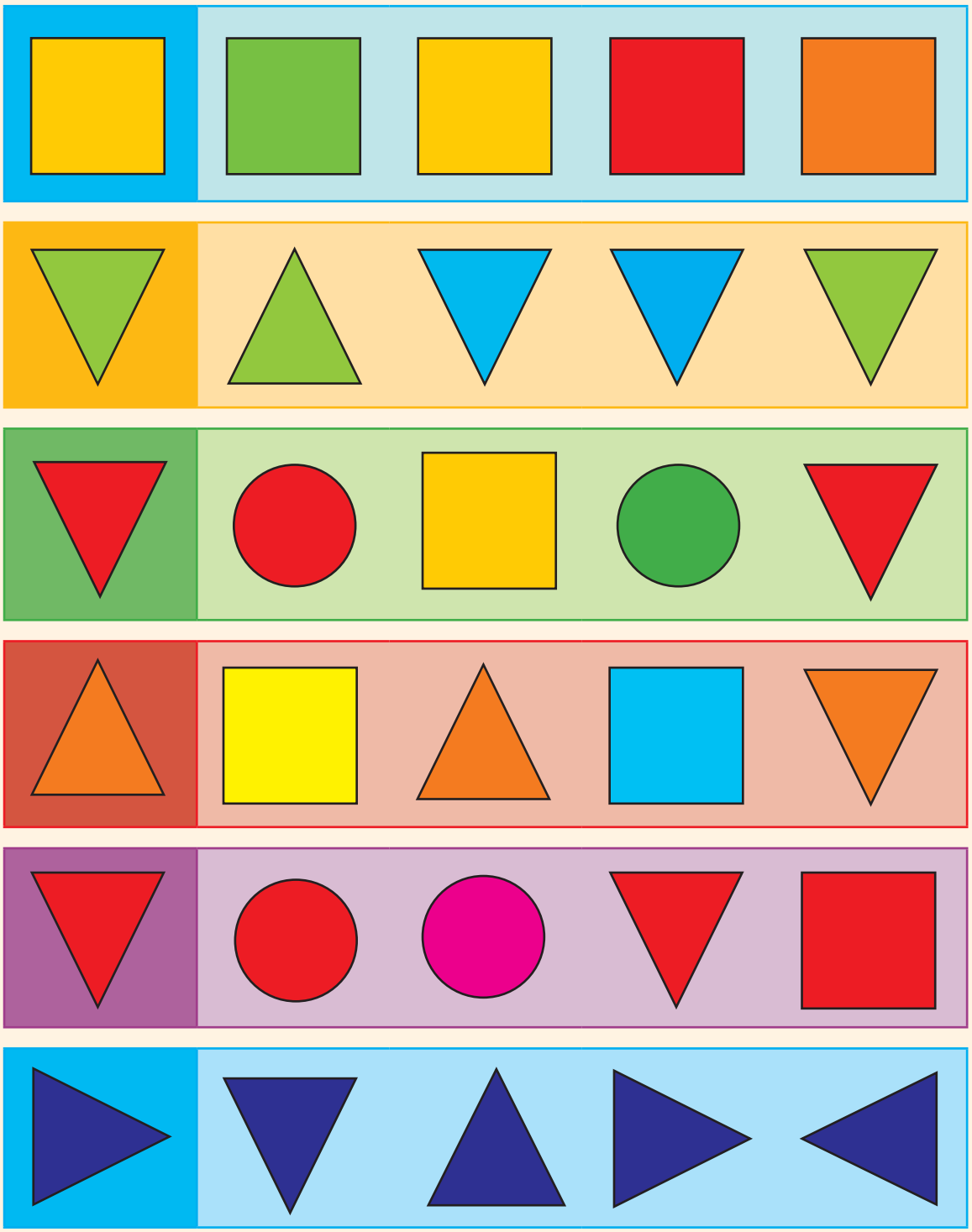
11 12 13 14 15 16 17 18 19 20





Ku yelanisa

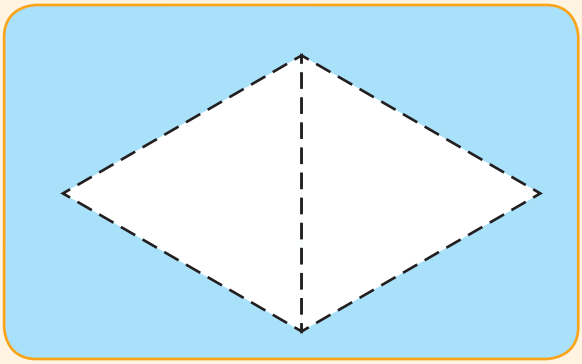
Lava u tlhela u ba xirhendzevutana eka xivumbeko lexi fanaka na xivumbeko lexi nga ebokisini ro sungula.

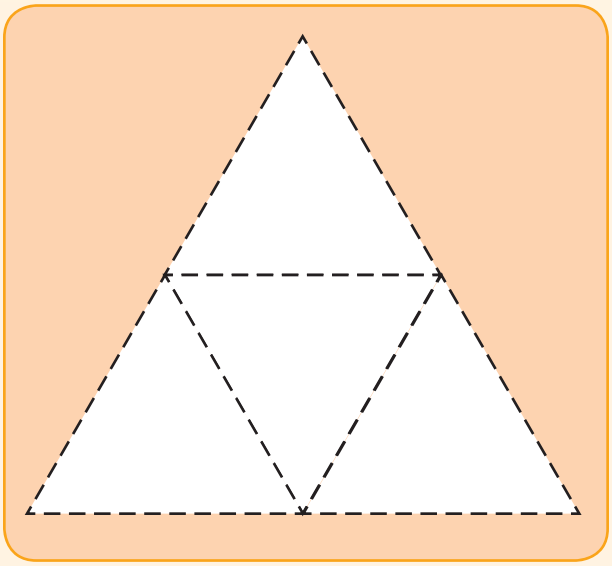


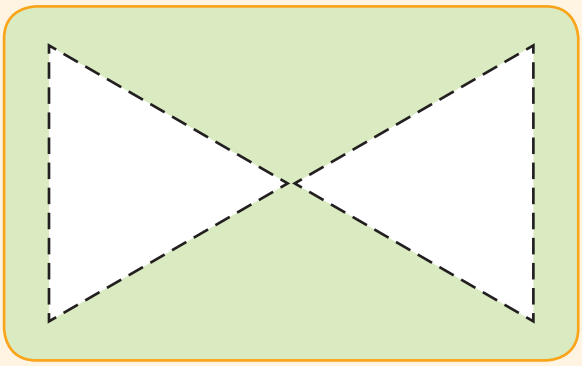


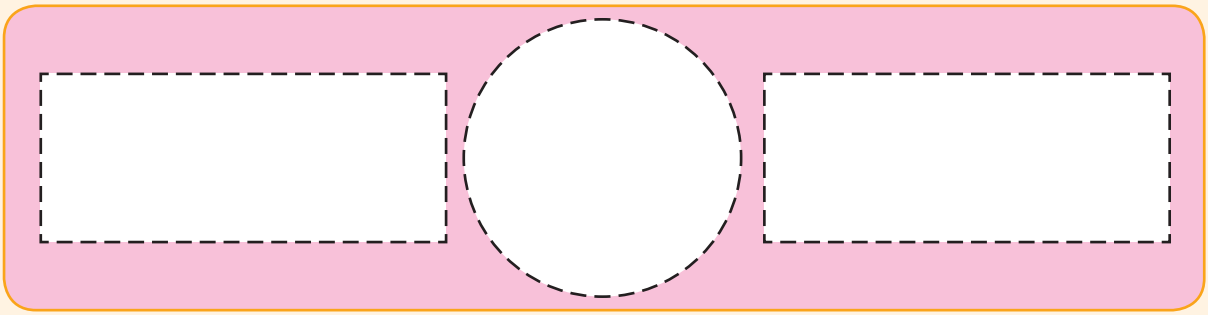


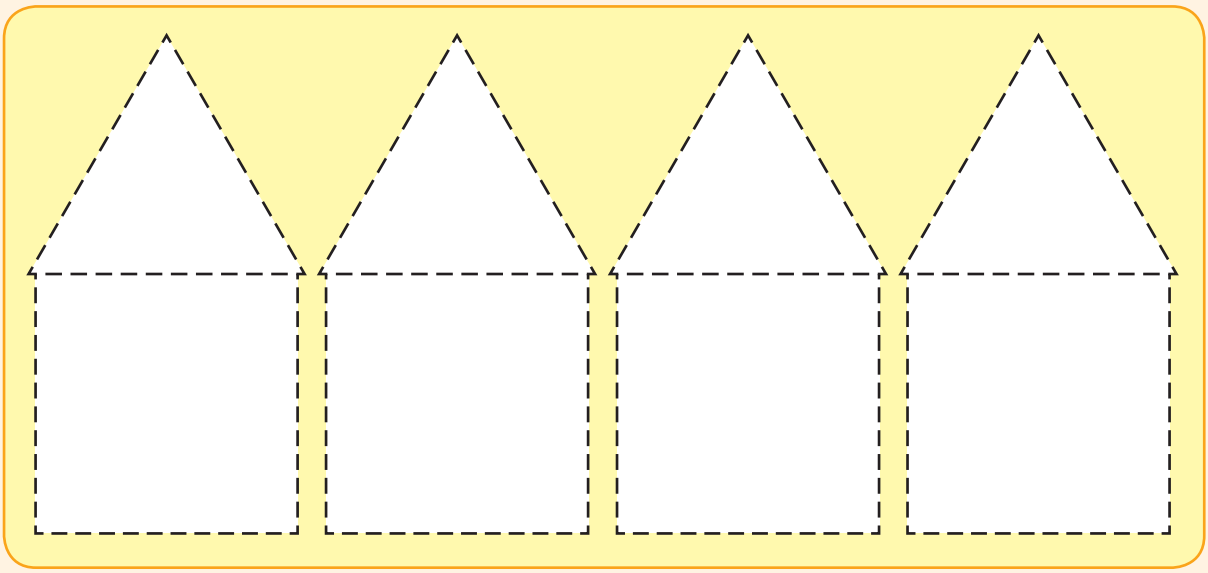
Tirhisa swivumbeko leswi tsemiweke ku vumba swivumbeko leswi landzelaka.









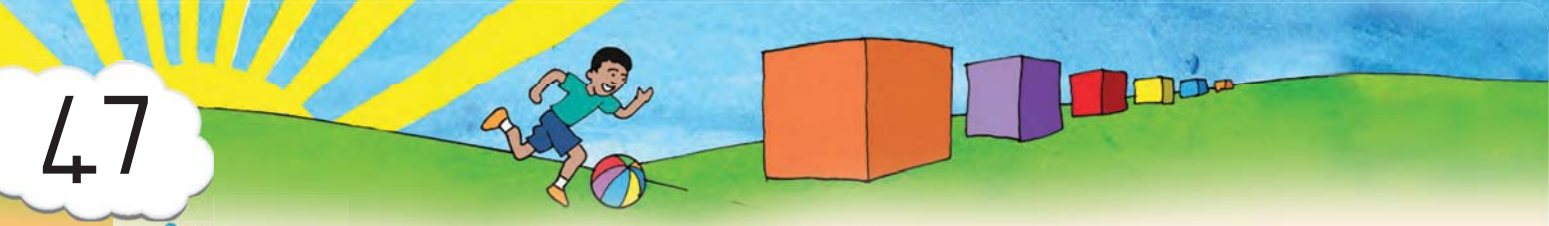


Teacher:
Sign:

Date:



11 12 13 14 15 16 17 18 19 20



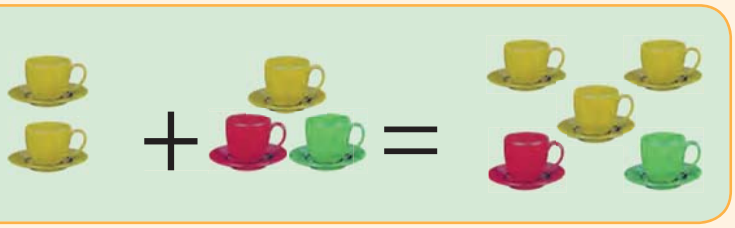


Ku engetela nharhu

Engetela 3 kutani u tsala tinhlamulo.



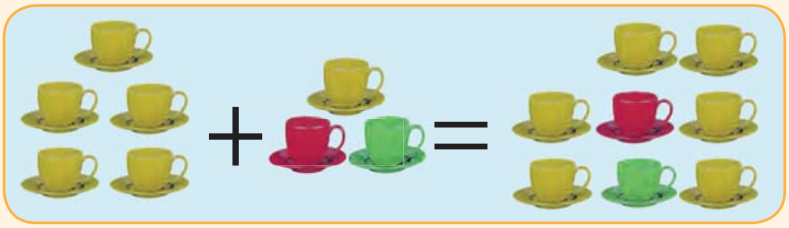
1 + 3 = 4



2 + 3 = ...



3 + 3 = ...



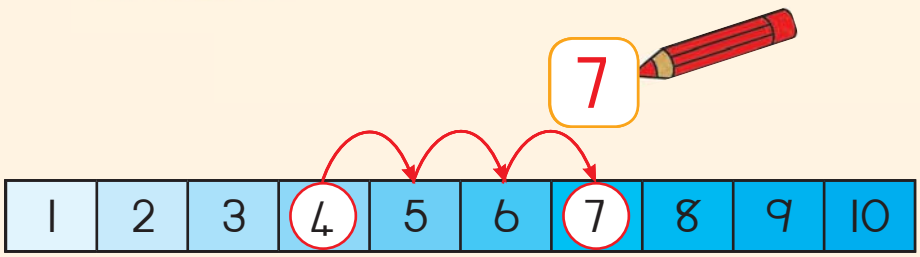
5 + 3 = ...



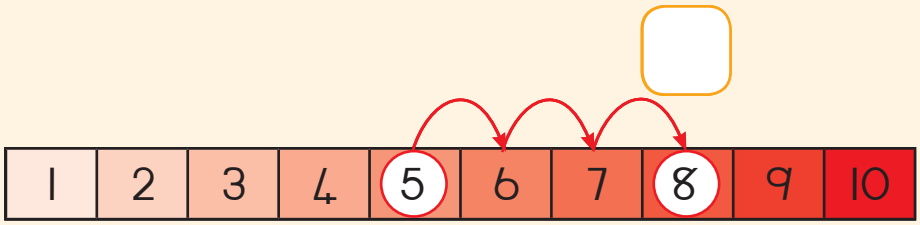


Ku engetela nharhu

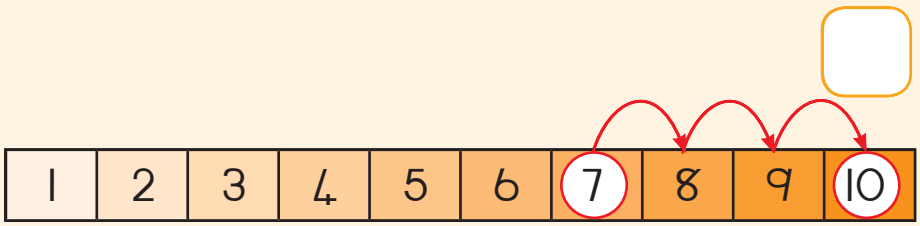
Engetela 3 kutani u tsala tinhlamulo.



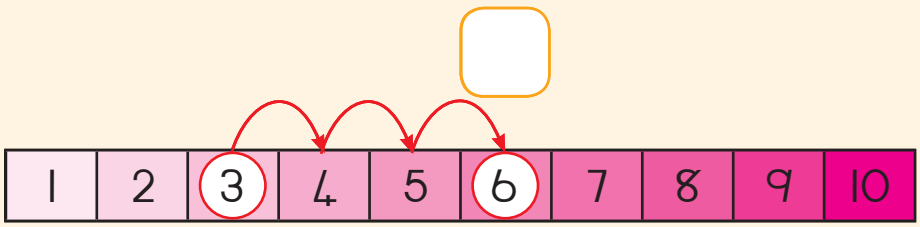
4 + 3 = 7



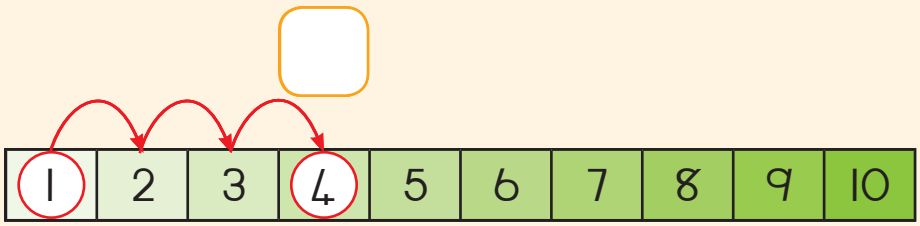
5 + 3 = ☐



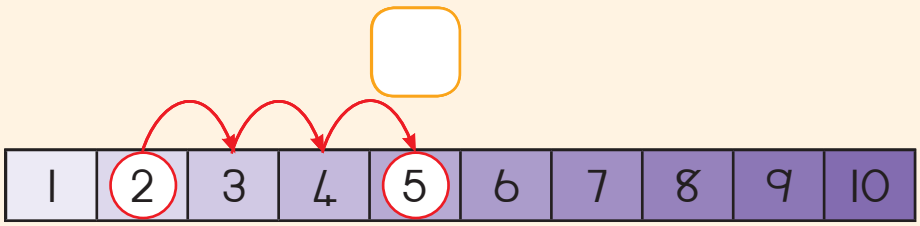
7 + 3 = ☐



3 + 3 = ☐



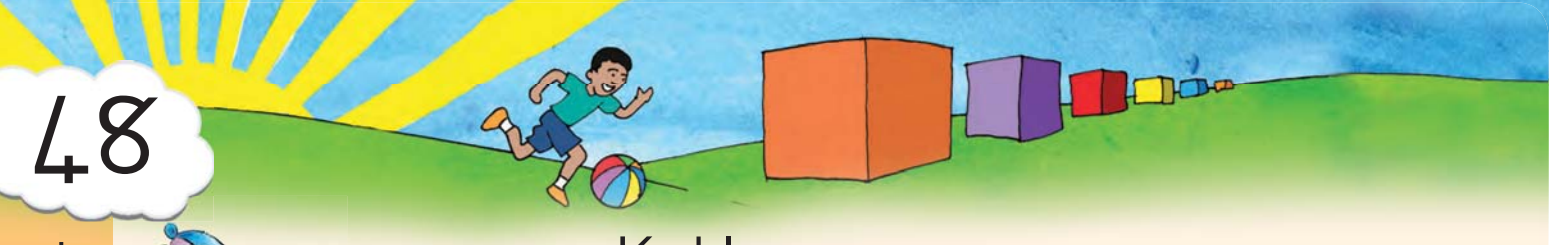
1 + 3 = ☐



2 + 3 = ☐

Teacher:
Sign:

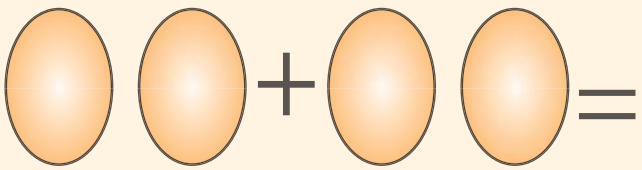
Date:



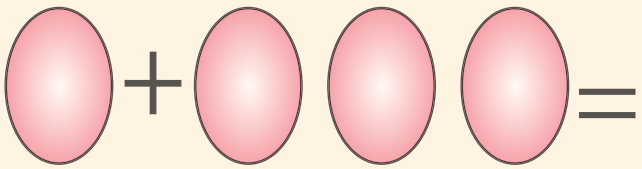


Ku hlanganisa

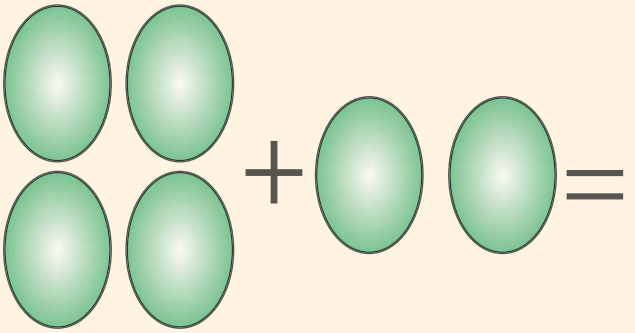
Hlanganisa matandza.



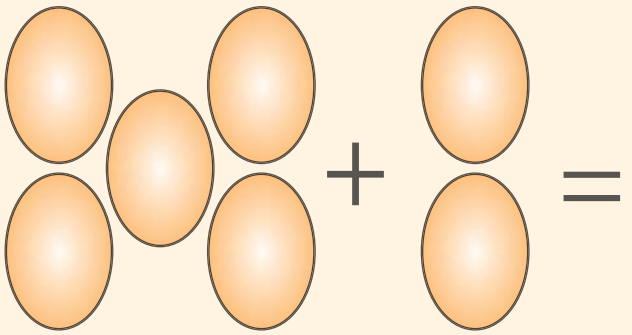
2 + 2 = 4



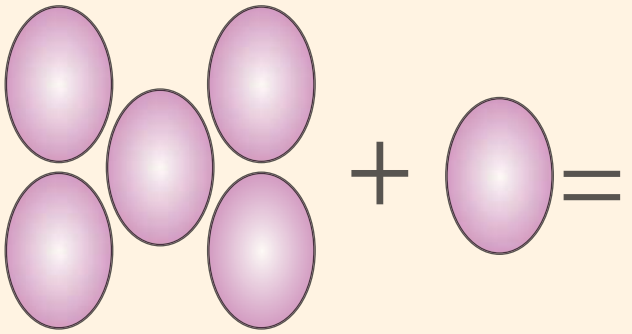
1 + 3 = ...



4 + 2 = ...



5 + 2 = ...



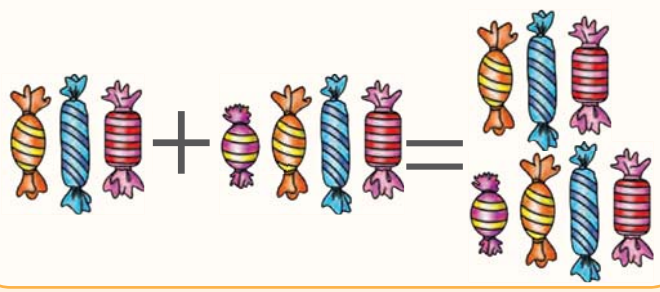
5 + 1 = ...

Ku hlanganisa malekere

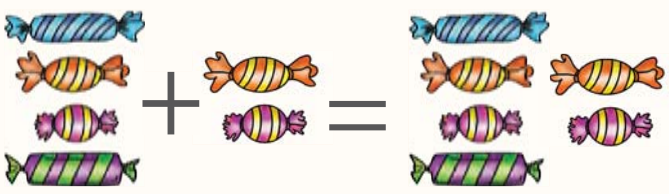
Hlanganisa malekere kutani u tsala tinhlamulo.



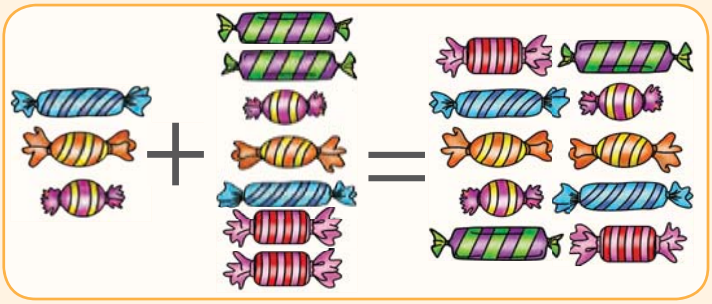
2 + 3 = 5



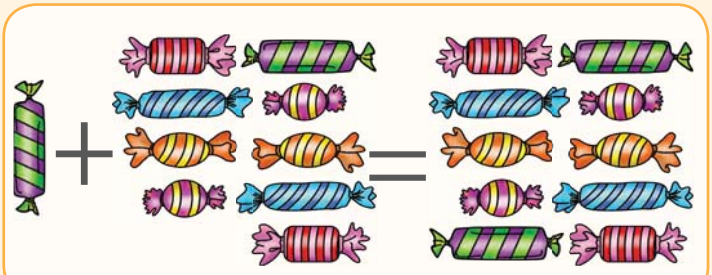
3 + 4 =



4 + 2 =



3 + 7 =



1 + 9 =

Teacher:
Sign:

Date:





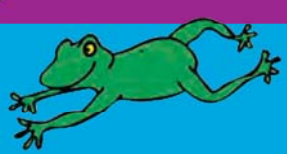
Swiyimo

Bula hi lava tsutsumaka eka mphikizano.
I mani loyi a hlulaka mphikizano?
I mani loyi a khomaka ncila?













6



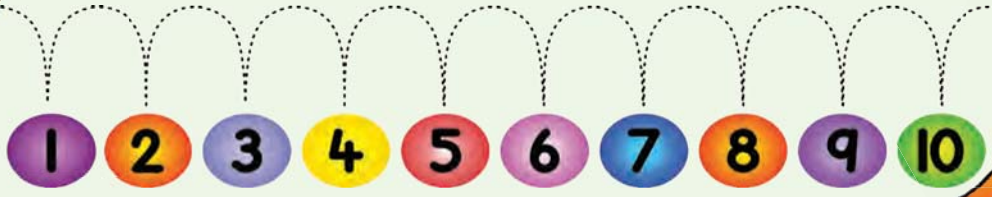


Ximpfundlana xa rivilo



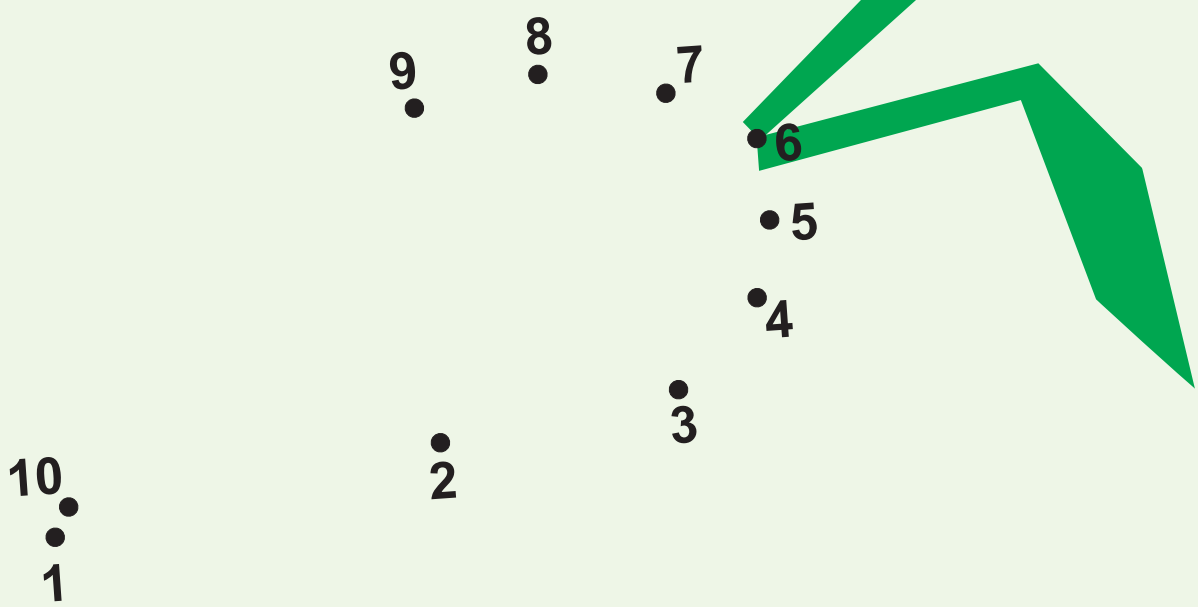
Pfumelela ximpfundlana ku tlula ku suka eka nomboro yin'we ku ya eka yin'wana ku kala xi fika eka kheroti ro hetelela.







Hlanganisa mathonsi ku hetisa xifaniso lexi.



Teacher:
Sign:

Date:







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

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



Ku tsala tinomboro ta 6 – 10



Titolovete ku tsala tinomboro leti.



6 ntsevu

6 6 6 6



7 nkombo

7 7



8 nhungu

8 8



9 kaye

9 9



10 khume

10 10

Teacher:
Sign:

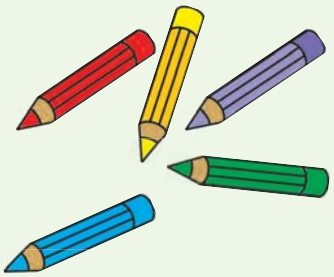
Date:



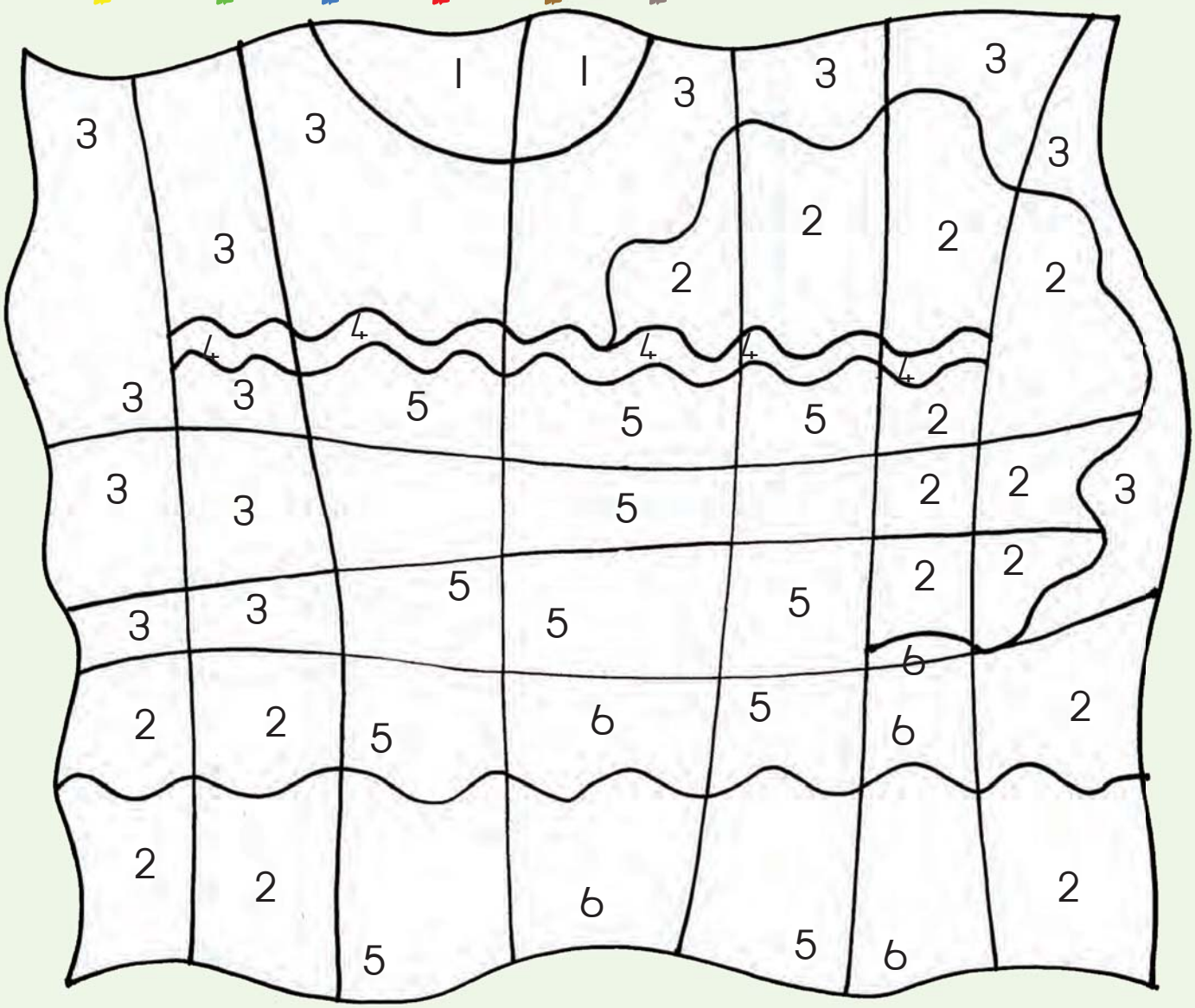


Khalara ku ya hi nomboro

Khalara xifaniso u tirhisa mihlovo leyi eka nomboro yin'wana na yin'wana.



1 2 3 4 5 6







Tsala vito ra yin'wana na yin'wana ya tinomboro leti landzelaka.
Titolovete ku tsala tinomboro leti.

●	n'we	1	1
●●		2	2
●●●		3	3
●● ●●		4	4
●● ● ●●		5	5
●●● ●●●		6	6
●●● ● ●●●		7	7
●●●● ●●●●		8	8
●●●● ● ●●●●		9	9
●●●●● ●●●●●		10	10

Teacher:
Sign:

Date:

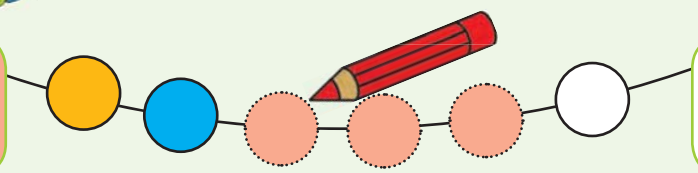
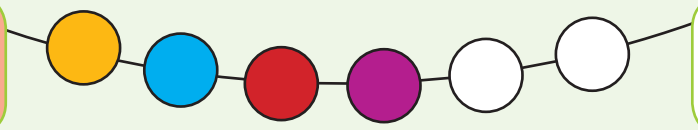
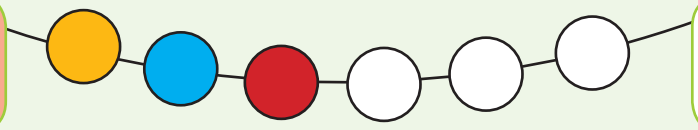
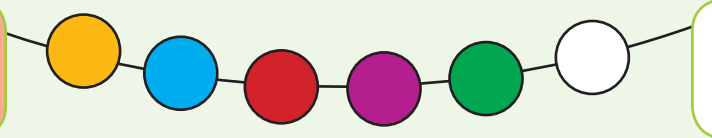
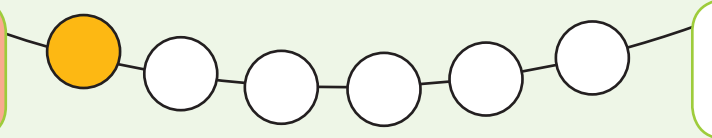
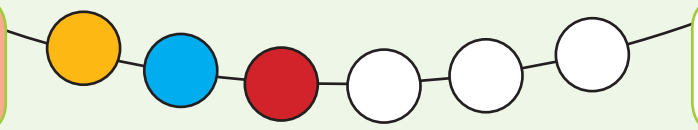
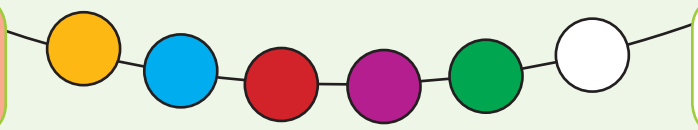
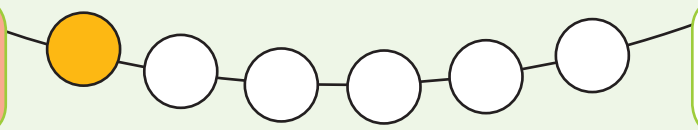
11 12 13 14 15 16 17 18 19 20

Ku hlanganisa na vuhlalu byin'wana



Khalara nhlayo ya vuhlalu leyi kombisiweke. Kutani hlayela u tlhela u tata leswaku ku na vuhlalu lebyi khalariweke byingani eka ngoti yin'wana na yin'wana.

Tsala nhlayo.

3		5	2 + 3 = 5
1			
2			
1			
3			
2			
1			
5			



Bana xirhendzevutana eka nomboro leyikulu swinene eka rixaxa rin'wana na rin'wana.

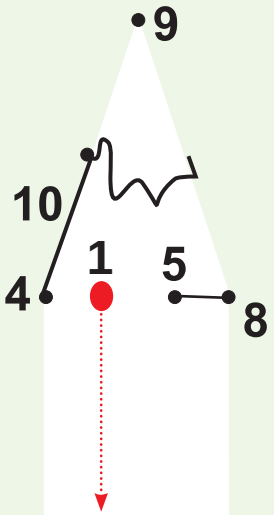
5	4	2	1	6	7	3
3	9	2	5	8	6	1
1	2	3	4	5	6	8
9	5	2	7	3	1	6
4	9	2	5	8	7	1

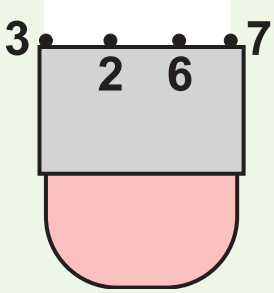


Sweswi bana xirhendzevutana eka nomboro leyitsongo swinene eka rixaxa rin'wana na rin'wana.

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

Hlanganisa mathonsi ku suka eka 1 - 10.







Teacher:
Sign:

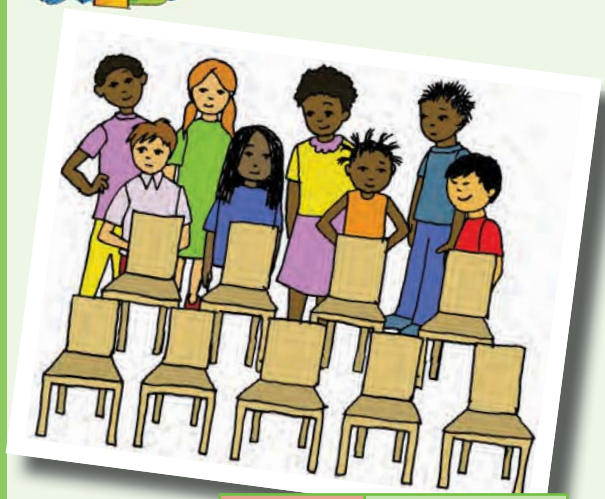
Date:



11 12 13 14 15 16 17 18 19 20

Ku hlayela

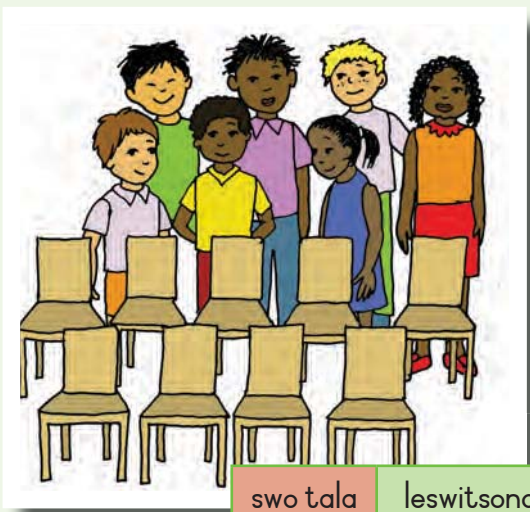
Fungha u kombisa loko ku laveka switulu swo tala kumbe leswitsongo swa vana lava.



swo tala	leswitsongo



swo tala	leswitsongo



swo tala	leswitsongo



swo tala	leswitsongo



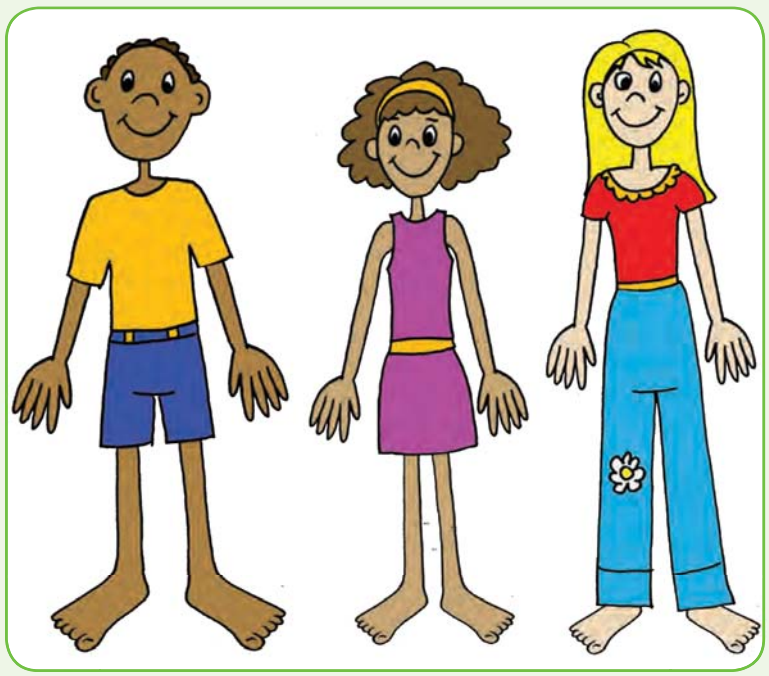
swo tala	leswitsongo

Ku hlayela

A hi hlayeleni.



Xana ku na vafana vangani?	
Xana ku na mavoko mangani?	
Xana ku na milenge yingani?	
Xana ku na mahlo mangani?	



Xana ku na vanhwanyana vangani?	
Xana ku na mavoko mangani?	
Xana ku na milenge yingani?	
Xana ku na mahlo mangani?	

Teacher:
Sign:

Date:





Matlhelo

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

ximatsi	xinene
✓	

ximatsi	xinene

ximatsi	xinene

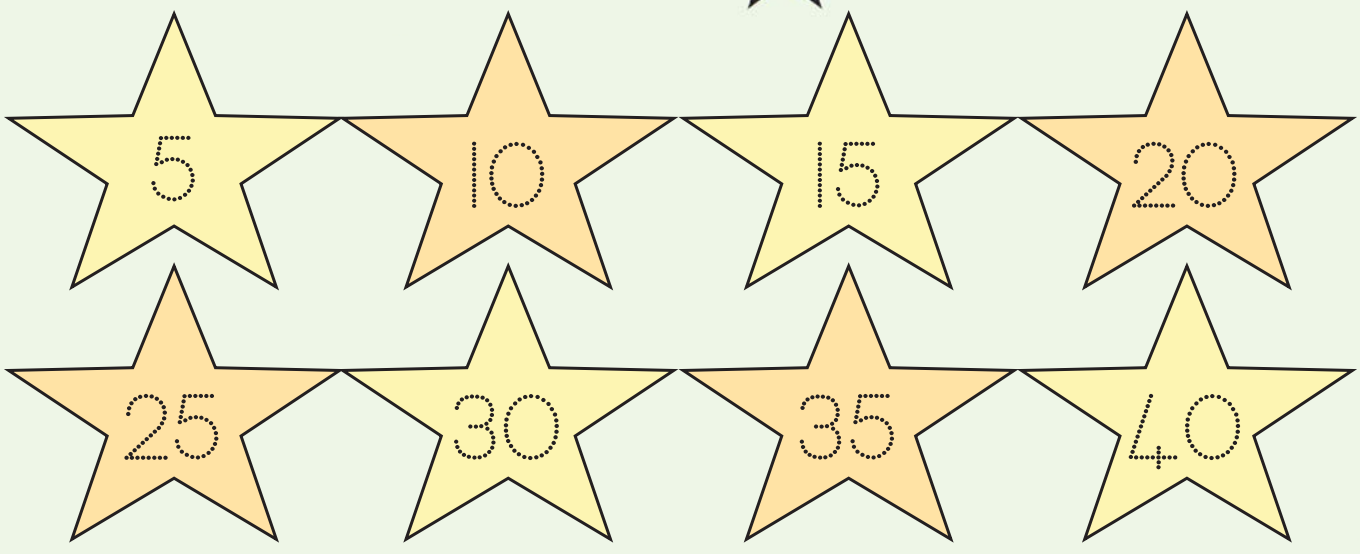
ximatsi	xinene

ximatsi	xinene





Hlanganisa mathonsi ku hetisa xifaniso lexi landzelaka.



Teacher:
Sign:

Date:



Nkarhi

Khalara nhlamulo leyi faneleke.
Xana xi teka nkarhi wo leha kumbe nkarhi lowutsongo?





Awara yi (lehile) (komile) ku tlula ku siku.





Ku tsutsuma swi teka nkarhi (wo leha) (wo koma) ku tlula ku dya.





Ku gada bayisikiri swi teka nkarhi (wo leha) (wo koma) ku tlula ku famba.



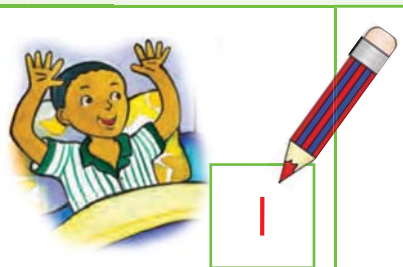


Ku etlela swi teka nkarhi (wo leha) (wo koma) ku tlula ku dya.





Nambara swiendlo hi nongonoko lowu faneleke. Hi ku endlele xo sungula.


1


3


2

























Teacher:
Sign:

Date:

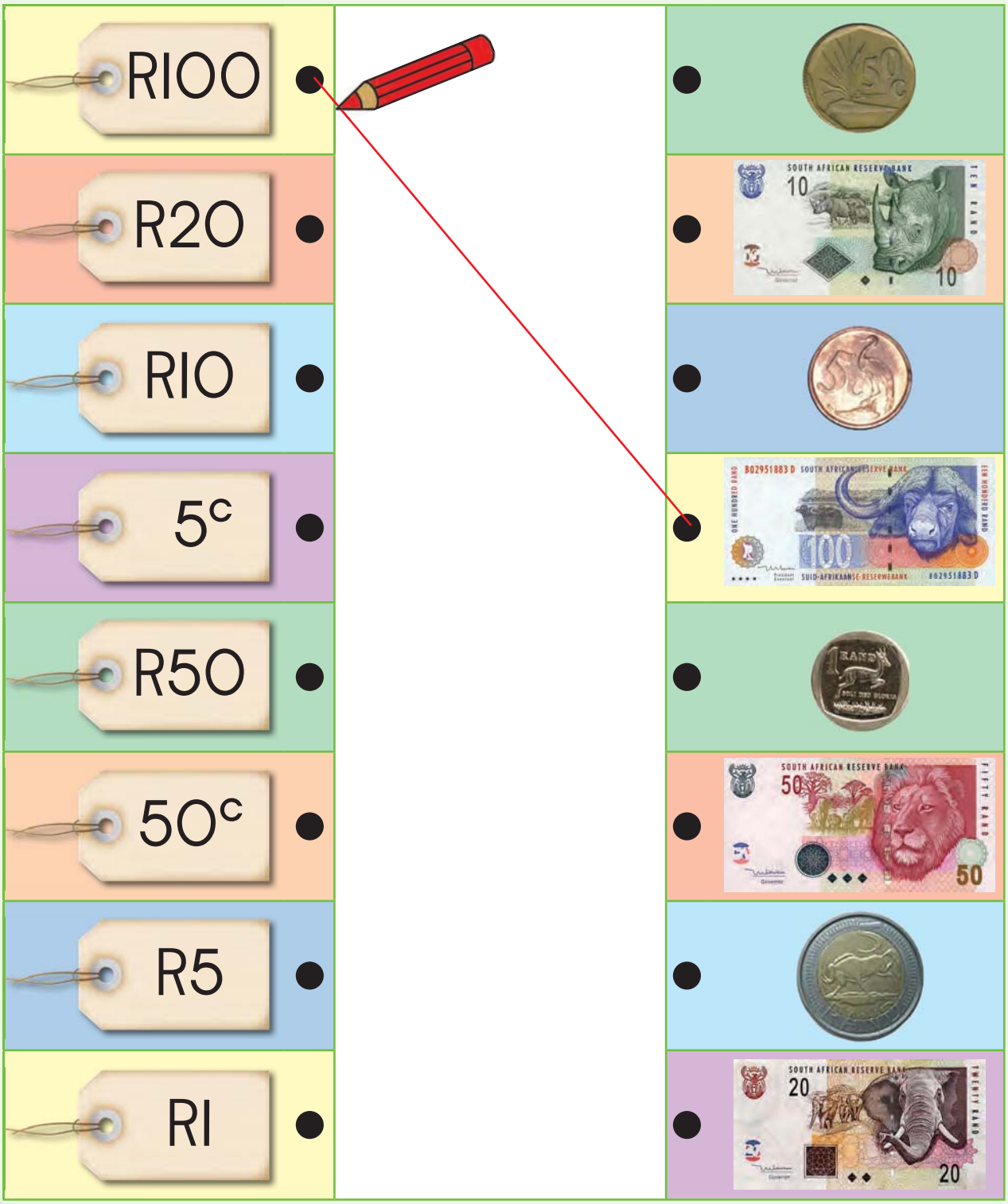
11 12 13 14 15 16 17 18 19 20





Mali

Yelanisa mitsengo na mali.





Mali



Xana u na mali muni?

















Teacher:
Sign:

Date:





Ku hlanganisa

Hlanganisa 4 eka nomboro leyi nga na nyeleti kutani u tsala nhlamulo ya wena.

1	2	3	4	5	6	7	8	9	10

1 + 4 = 5

1	2	3	4	5	6	7	8	9	10

4 + 4 =

1	2	3	4	5	6	7	8	9	10

6 + 4 =

1	2	3	4	5	6	7	8	9	10

5 + 4 =

1	2	3	4	5	6	7	8	9	10

3 + 4 =

1	2	3	4	5	6	7	8	9	10

2 + 4 =

5	6	7	8	9	10	11	12	13	14

7 + 4 =

5	6	7	8	9	10	11	12	13	14

8 + 4 =



Mali

Bana xirhendzevutana eka mali ya phepha kumbe tikhoyini leti nga na nkoka wa le henhla swinene.

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

Teacher:
Sign:

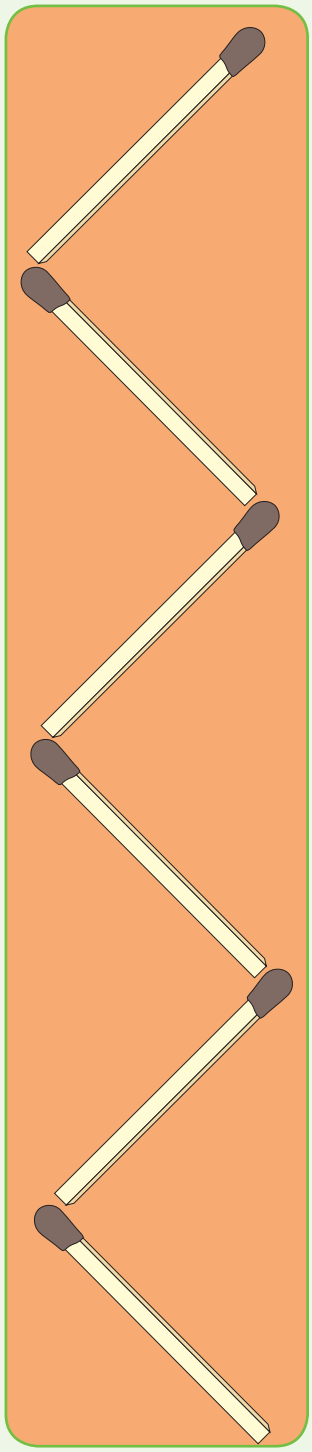
Date:

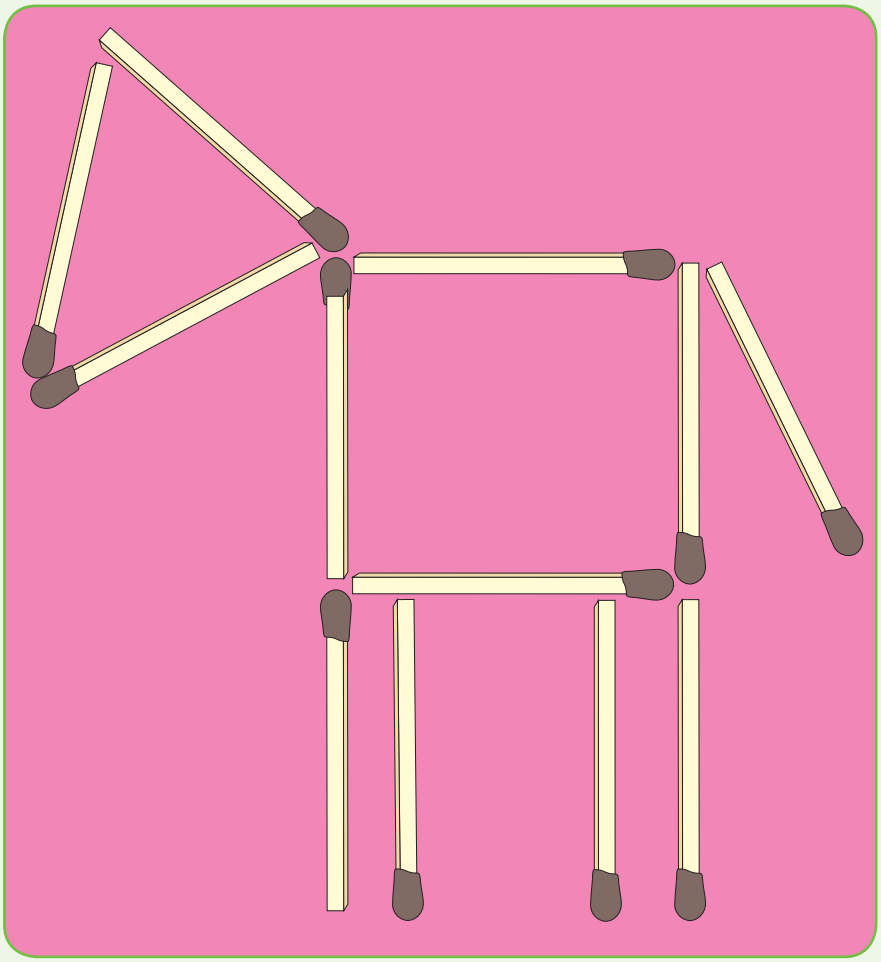


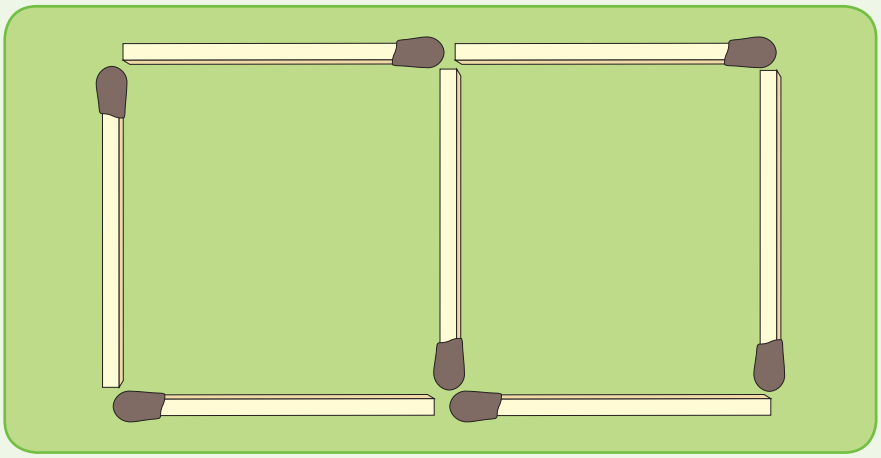


Ku yelanisa

Tirhisa tintlhongwe ta mencisi ku vumba swivumbeko leswi.





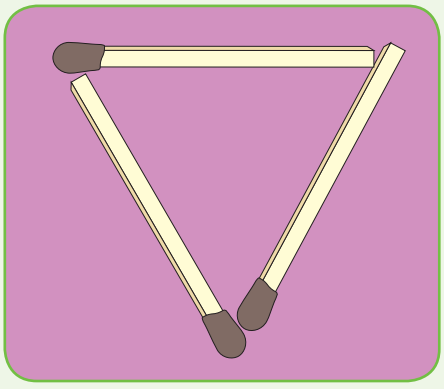


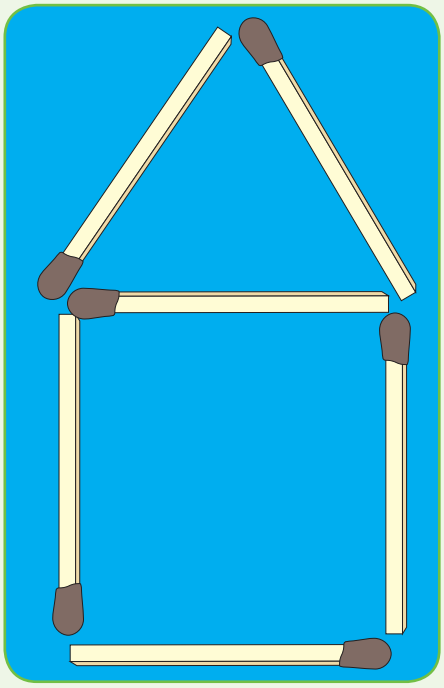


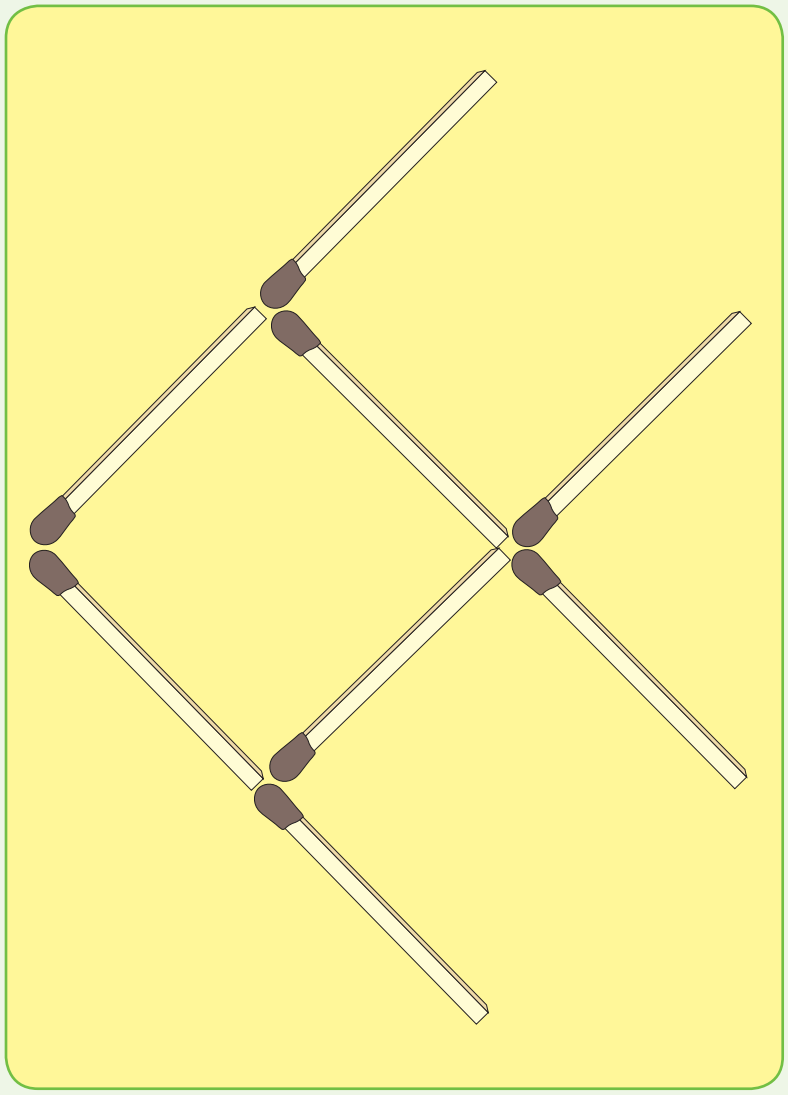


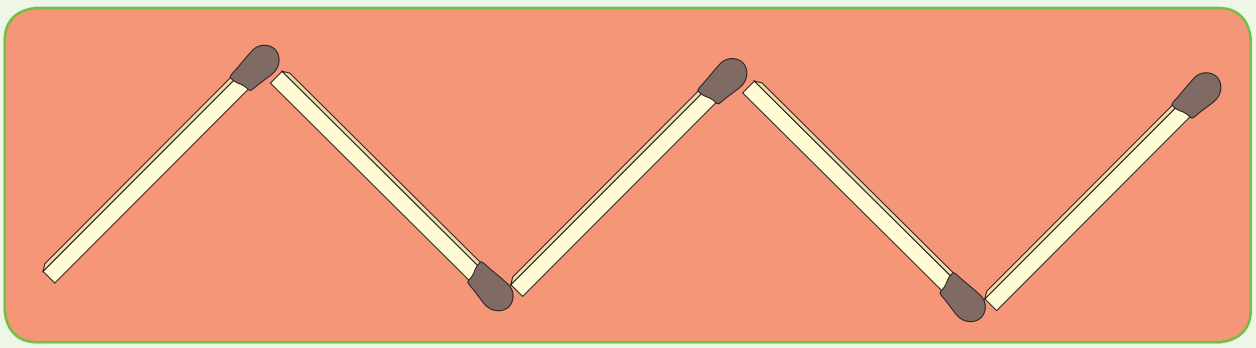


Tirhisa tintlhongwe ta mencisi ku vumba swivumbeko leswi.











Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20





Tinomboro leti siyiweke

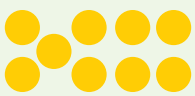
Tsala tinomboro leti siyiweke eka rixaxa rin'wana na rin'wana.

1	2	3		5	6	7		9	10
	22		24		26		28		30
2	4	6		10		14		18	
5	10			25	30			45	50
10		8	7			4	3		



Titolovete ku tsala tinomboro leti landzelaka.

nhungu 8 8



kaye 9 9



khume 10 10





Languta xifaniso xo sungula. Kutani languta xifaniso xa vumbirhi.













1

3

4

5

7

8

10

Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20



Ku hlanganisa

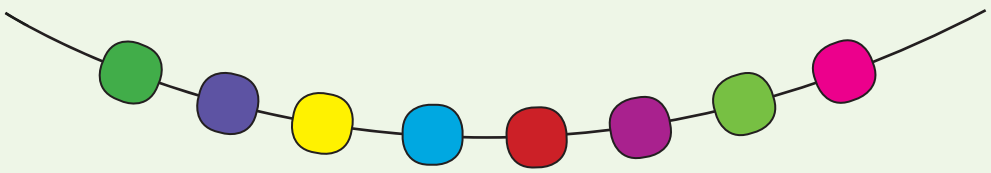
Ringeta leswi landzelaka.

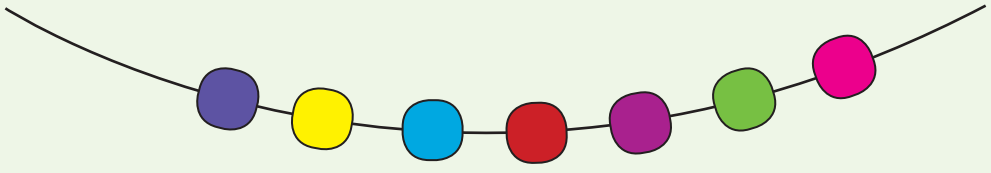
5 + 1 =	6	6 + 2 =	
5 + 0 =	5	6 + 4 =	
5 + 5 =	10	7 + 0 =	
5 + 4 =		7 + 3 =	
5 + 2 =		7 + 2 =	
5 + 3 =		7 + 1 =	
5 + 5 =		8 + 1 =	
6 + 0 =		8 + 0 =	
6 + 3 =		8 + 2 =	
6 + 1 =		9 + 1 =	

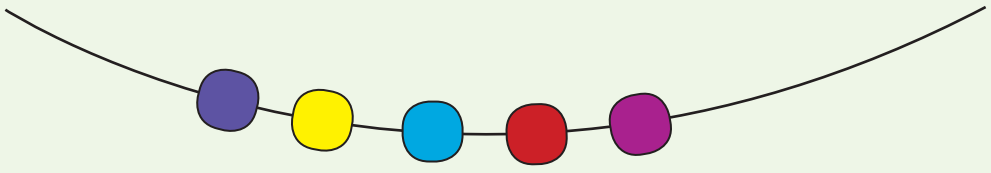


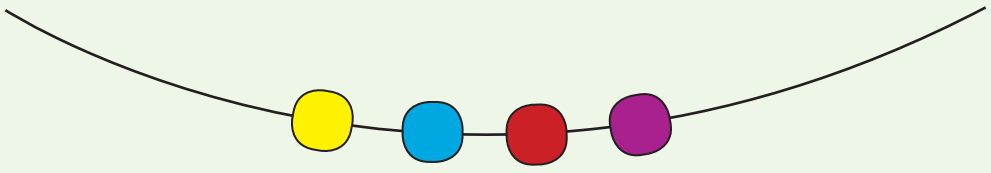


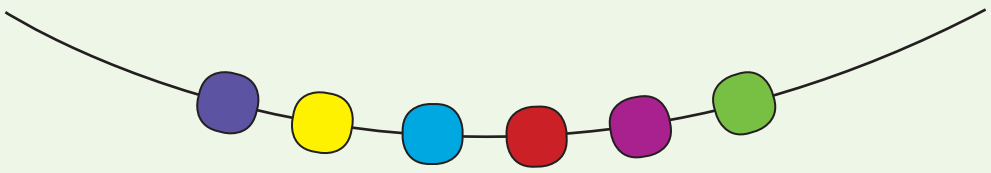
Hlayela vuhlalu kutani u tsala ntsengo lowu faneleke.



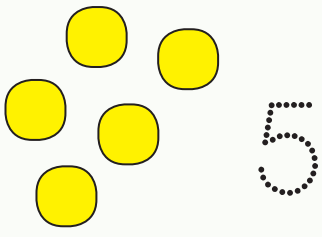








Ku na vuhlalu byingani loko byi hlanganile hinkwabyo? Byi dirowe kutani u tsala nomboro.

vuhlalu bya xitshopana	vuhlalu bya pinki	vuhlalu bya rihlaza
 5		

Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20





Ku hlanganisa eka ndzhati wa mitsengo

Hlanganisa tinomboro. Tirhisa ndzhati wa mitsengo ku ku pfuna.

1	2	3	4	5	6	7	8	9	10

1 + 3 = 4

1	2	3	4	5	6	7	8	9	10

3 + 3 = ____

1	2	3	4	5	6	7	8	9	10

4 + 3 = ____

1	2	3	4	5	6	7	8	9	10

5 + 2 = ____

1	2	3	4	5	6	7	8	9	10

2 + 3 = ____

1	2	3	4	5	6	7	8	9	10

5 + 1 = ____

1	2	3	4	5	6	7	8	9	10

7 + 3 = ____

1	2	3	4	5	6	7	8	9	10

6 + 2 = ____

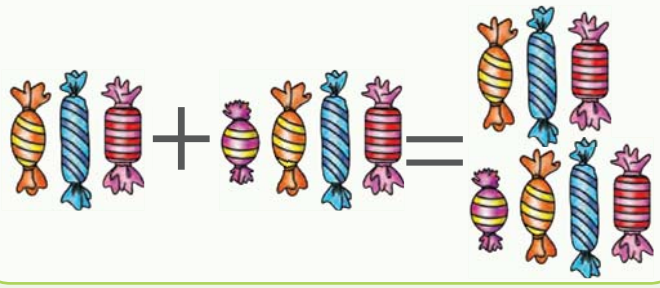


Ku hlanganisa malekere

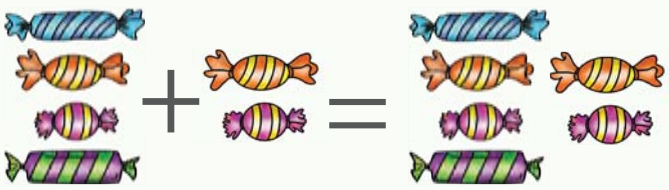
Hlanganisa malekere kutani u tsala tinhlamulo.



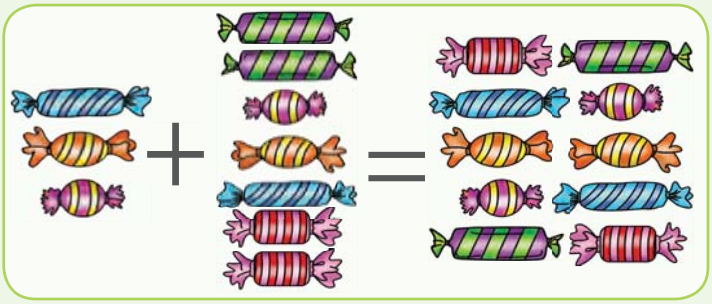
2 + 3 = 5



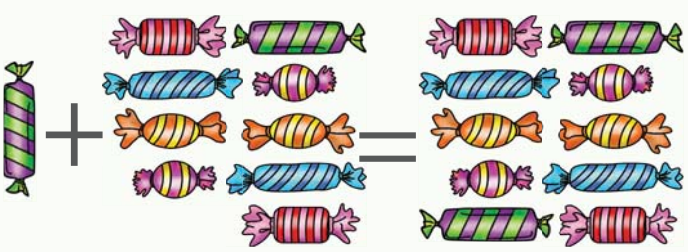
3 + 4 =



4 + 2 =



3 + 7 =



1 + 9 =

Teacher:
Sign:

Date:



Ku tala na ku va hava nchumu

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



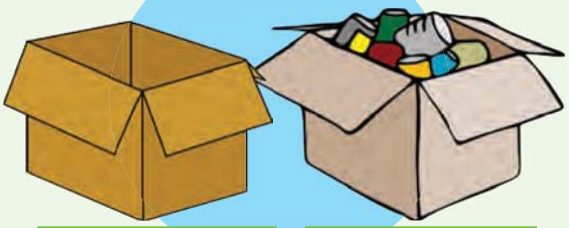
yi hava nchumu	yi tele

yi hava nchumu	yi tele



ri hava nchumu	ri tele

ri hava nchumu	ri tele



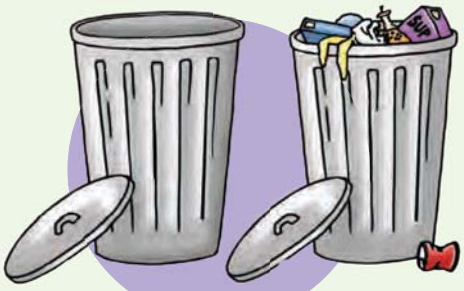
ri hava nchumu	ri tele

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



wu hava nchumu	wu tele

wu hava nchumu	wu tele



yi hava nchumu	yi tele

yi hava nchumu	yi tele

tala	hava nchumu





Hlanganisa tinomboro.



5 + 1 = 6



5 + 0 = 5



2 + 3 = 5



4 + 3 =



5 + 2 =



1 + 3 =



6 + 2 =



6 + 0 =



4 + 4 =



6 + 1 =



5 + 3 =

Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20





Ku hlanganisa

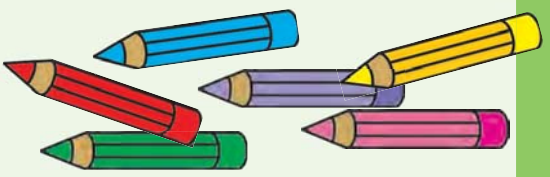
Ringeta leswi landzelaka.

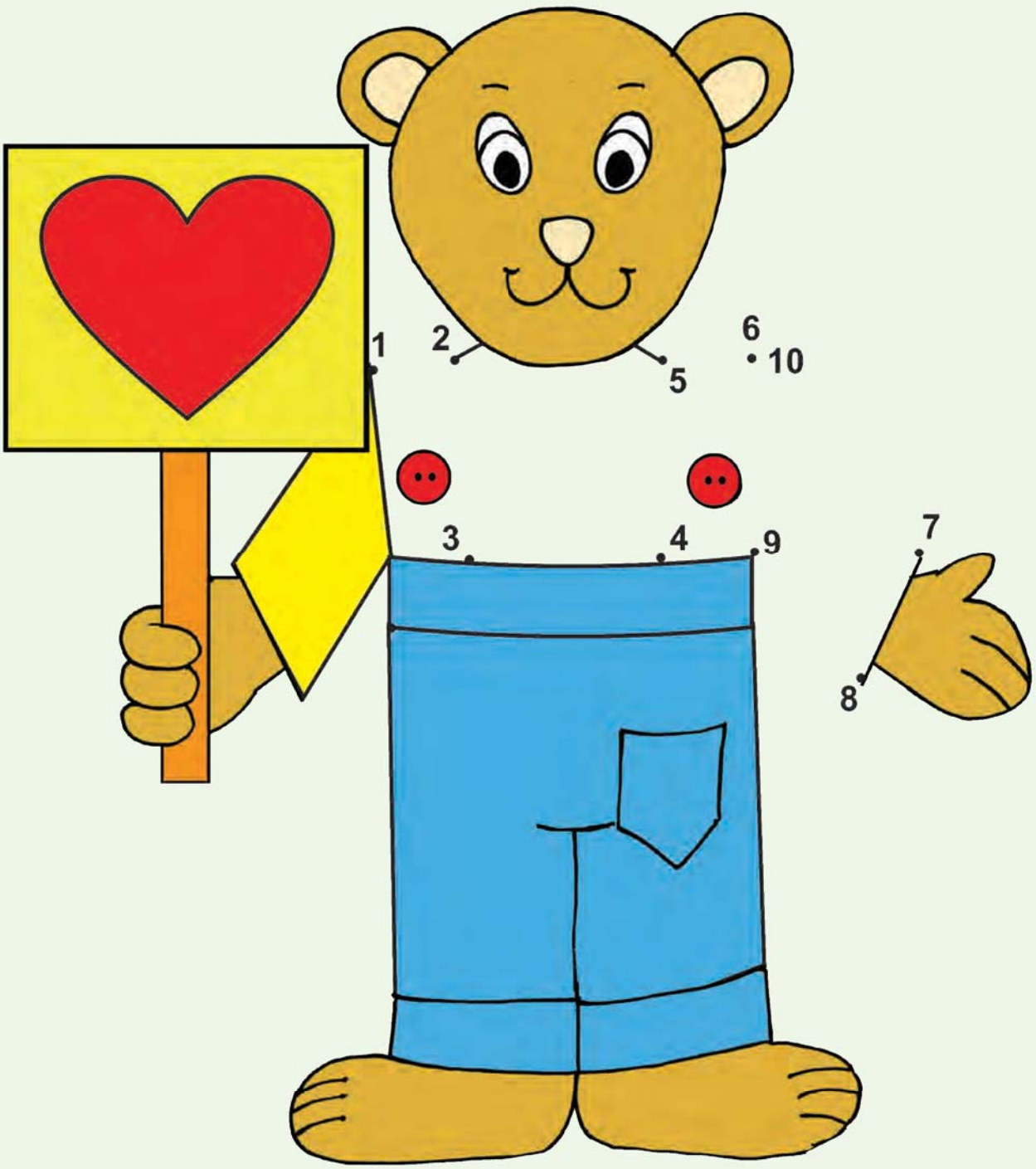
3 + 6 =	9	1 + 1 =	
4 + 0 =	4	0 + 7 =	
0 + 5 =	5	3 + 2 =	
6 + 0 =		5 + 3 =	
2 + 2 =		7 + 2 =	
1 + 3 =		4 + 4 =	
2 + 5 =		5 + 1 =	
5 + 0 =		4 + 3 =	
1 + 8 =		2 + 6 =	
4 + 2 =		8 + 2 =	





Hlanganisa mathonsi.





Teacher:
Sign:

Date:





Ku hlayela no tsala tinomboro

Hlayela leswaku ku na swingani kutani u titoloveta ku tsala tinomboro na mavito ya tona.



1 n'we 1 1 1 1 1 1



2 mbirhi 2 2



3 nharhu 3 3



4 mune 4 4



5 ntlhanu 5 5





6 ntsevu 6 6



7 nkombo 7 7



8 nhungu 8 8



9 kaye 9 9



10 khume 10 10

Teacher:
Sign:

Date:

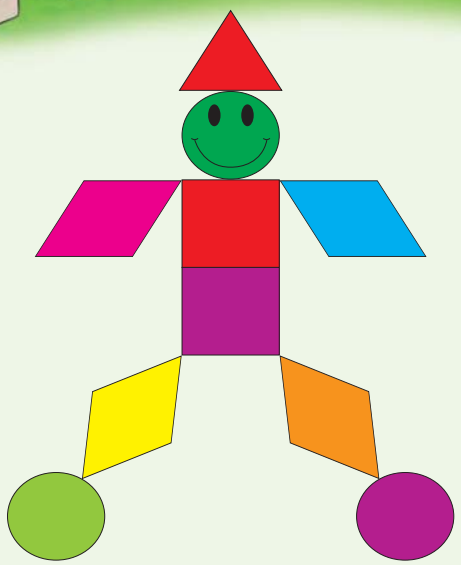




Swivumbeko

Tirhisa swivumbeko leswi tsemiweke ku vumba wanuna wo tanihi loyi.

Ringeta ku endla swifaniso swin'wana hi ku tirhisa swivumbeko swa wena.

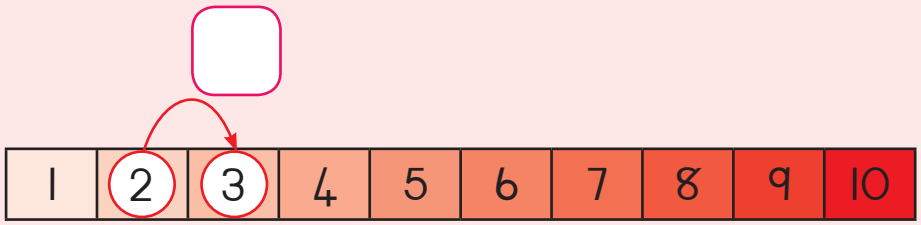




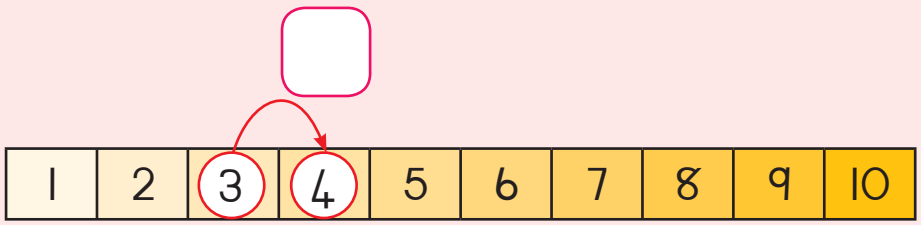
Ku hlanganisa eka ndzhati wa mitsengo

Hlanganisa na n'we kutani u tsala nhlamulo.

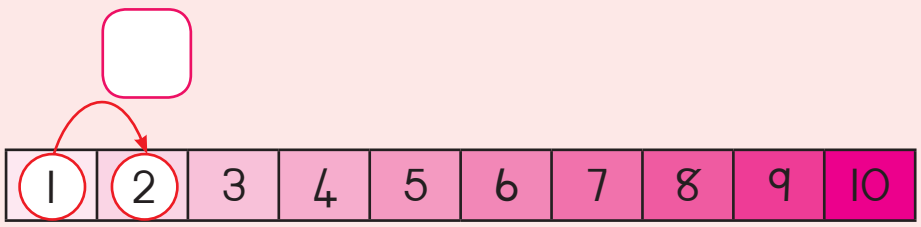
4 + 1 = 5



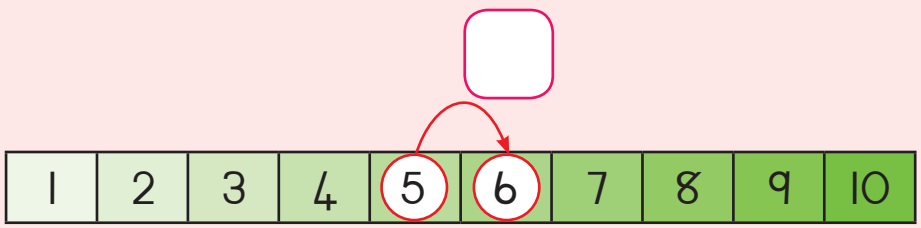
2 + 1 = ☐



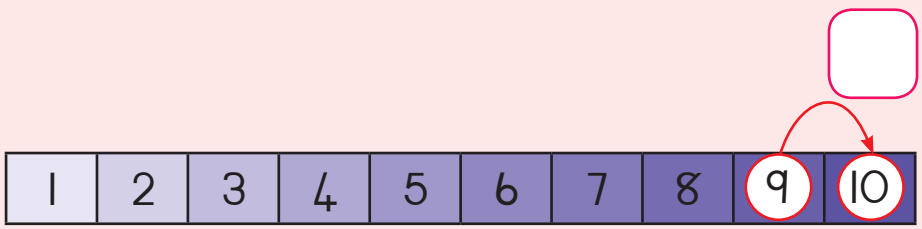
3 + 1 = ☐



1 + 1 = ☐



5 + 1 = ☐



9 + 1 = ☐

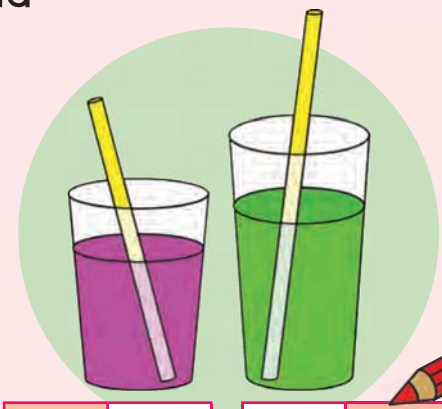
Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

Ku leha na ku koma

Khalara nhlamulo leyi faneleke.



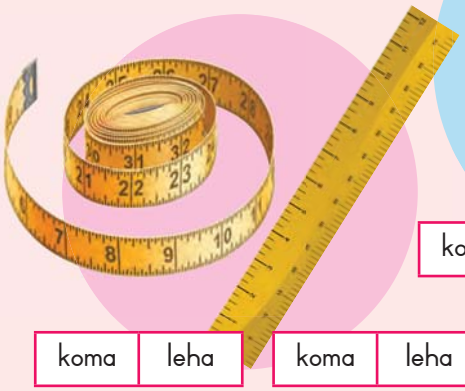
koma | leha

koma | leha



koma | leha

koma | leha



koma | leha

koma | leha



koma | leha

koma | leha



koma | leha

koma | leha



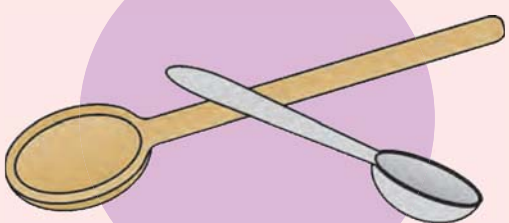
koma | leha

koma | leha



koma | leha

koma | leha



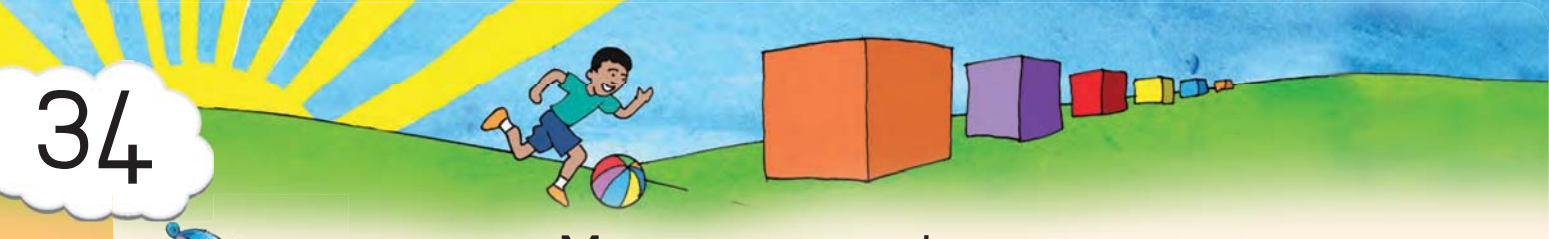
koma | leha

koma | leha

koma	leha

Teacher:
Sign:

Date:



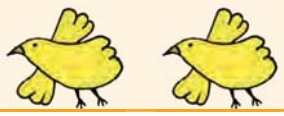


Mavito ya tinomboro

Kopunula mavito ya tinomboro leti.



1 | n´we n´we



2



3



4



5

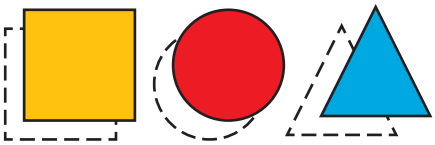
Swivumbeko

Bana swirhendzevutana eka swivumbeko.

Bana xirhendzevutana xo tshwuka eka  .

Bana xirhendzevutana xa wasi eka  .

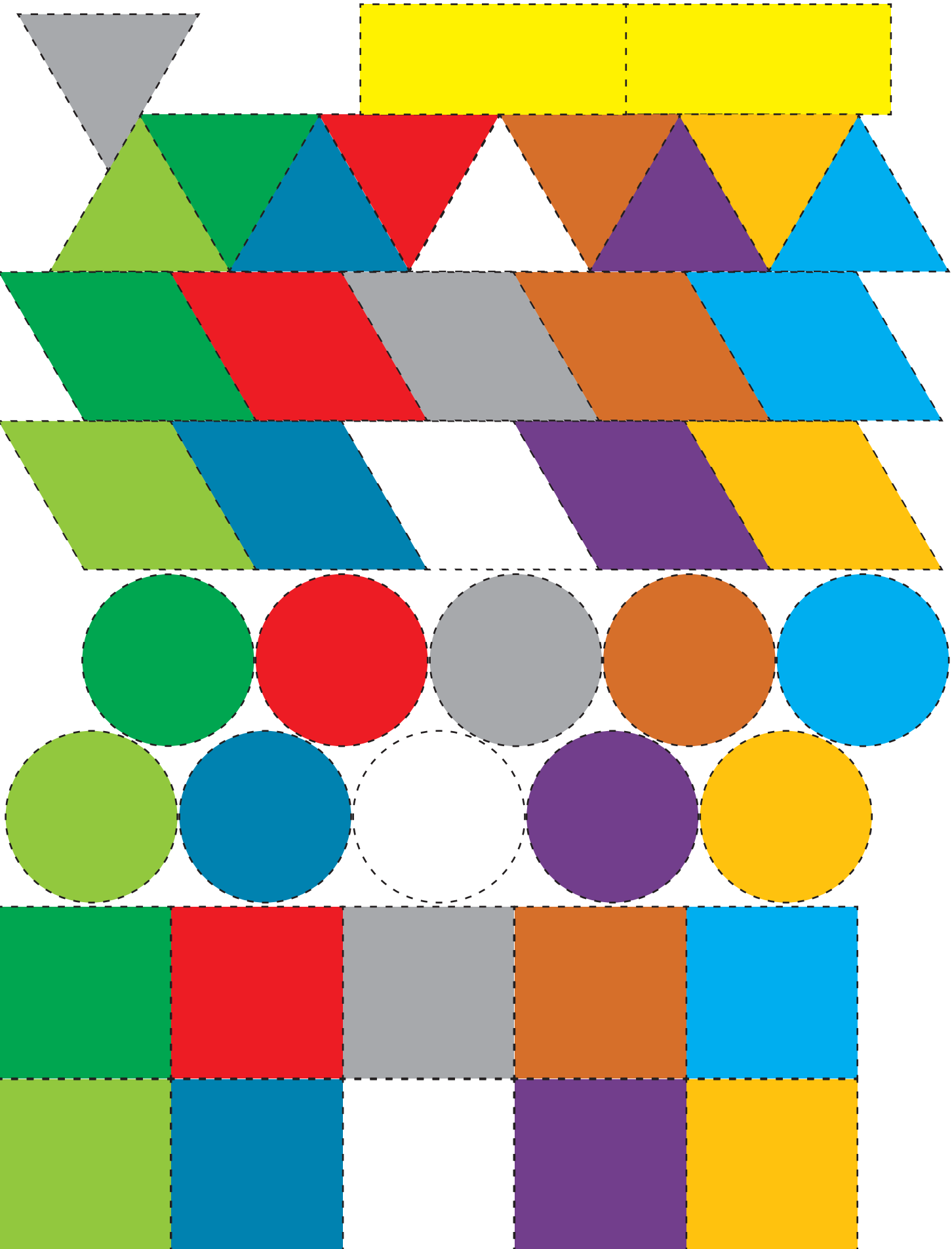
Bana xirhendzevutana xa rihlaza eka  .

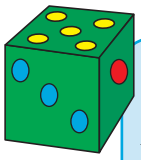


Shapes:

Cut out the shapes on the dotted lines. Now use them to do the worksheets in your book. Remeber 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 trickyer it will get.

