



MATHEMATICS IN TSHIVENDA
GRADE 1 – BOOK 1
TERMS 1 & 2
ISBN 978-1-920458-91-1
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DIVHAMBALO NGA TSHIVENDA – Gireidi ya | Bugu |

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Vho Angie Motshekga
Minista wa Muhasho wa
Pfunzo ya Muteo



Vho Enver Surty
Muthusaminista wa
Pfunzo ya Muteo

Bugu idzi dzo nwalelwva vhana vha Afrika Tshipembe, mushumo wa hone wo rangiwa phanda nga Minista wa Pfunzo ya Muteo, Vho Angie Motshekga na Muthusaminista wa Pfunzo ya Muteo, Vho Enver Surty.

Bugu dza u shumela dza Rainbow ndi tshipida tsha zwe Muhasho wa Pfunzo ya Muteo wa ita zwa u khwiñisa vhukoni ha vhagudi vha Afrika Tshipembe vha gireidi dza rathi dza u ranga. Sa tshinwe tsha zwithu zwihulwane zwa Pulanetshumisi ya Muvhuso, thandela iyi yo konadzea nge ya lambedzwa lu sa vhudziswi nga Muhasho wa Gwama la Lushaka.

Hezwi zwo ita uri Muhasho u kone u bveledza bugu idzi, dzi kha nyambo dzotha dza tshiofisi, dzi tshi waniwa mahala.

Ri na fulufhelo lauri bugu idzi dzi do thusa vhadededzi (vhagudisi) mushumoni wavho wa u funza wa duvha liñwe na liñwe khathihi na u vha na vhutanzi uri vha khunyeledze kharikhulu yotha. Ro ita nga vhuronwane uri ri sumbedze ndila vhadededzi kha nyito nge ra shumisa aikhoni dzi no sumbedza uri mugudi u tea u ita zwifhio.

Ri na fulufhelo li no bva li mibiluni uri vhana vha do diphina nga u shumisa bugu idzi zwenezwi vha tshi khou aluwa na u guda, khathihi na uri na vhonevho, sa mudededzi, vha do diphina na vhana avha.

Ri ri kha vhona na vhagudi vhavho, ngavhe zwi tshi vha nakela musi vha tshi shumisa bugu idzi. Zwi pfumbe.



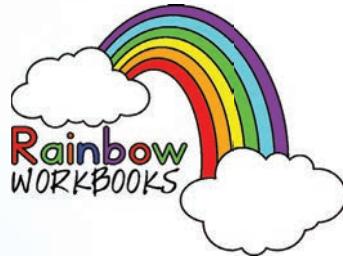
Published by the Department of Basic Education
222 Struben Street
Pretoria
South Africa
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Ninth edition 2019

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NGA TSHIVENDA



Bugu iyi ndi ya:

TSHIVENDA

Bugu ya

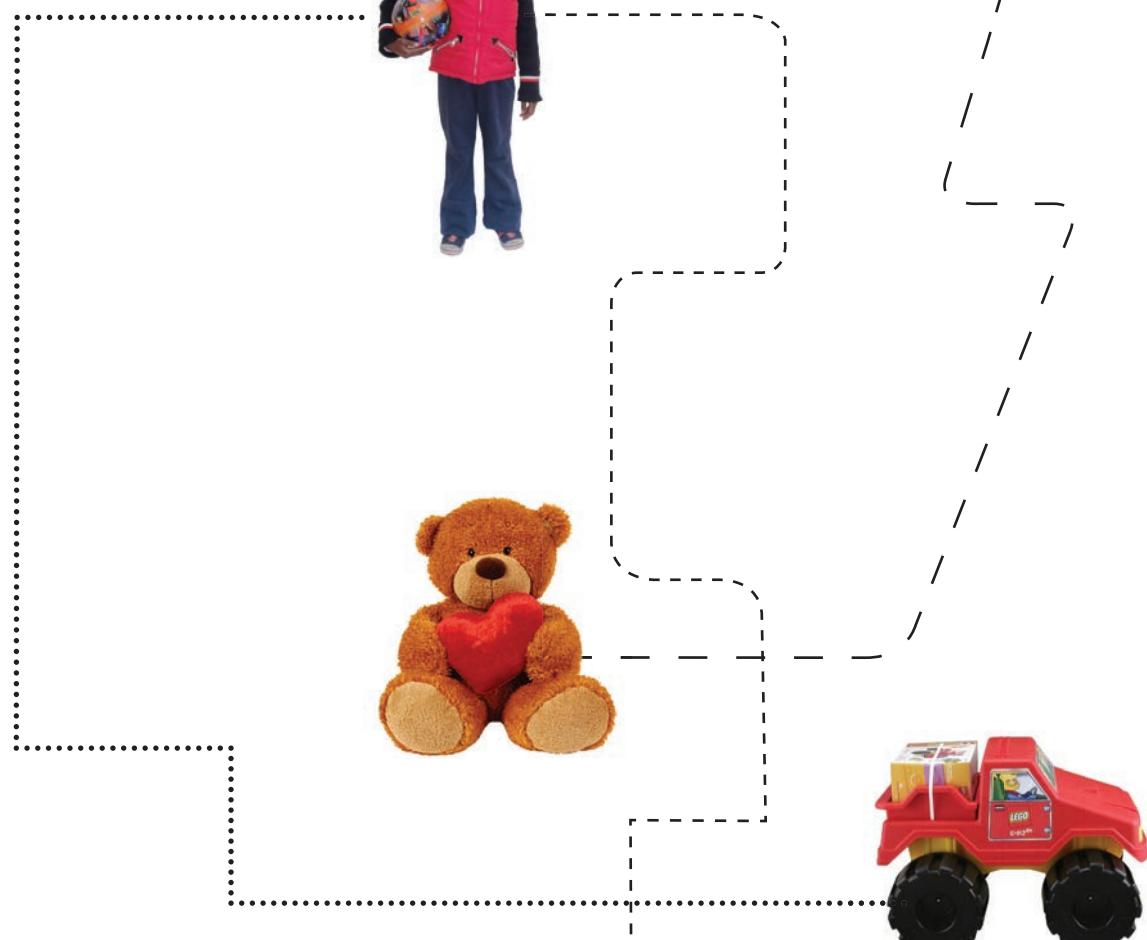
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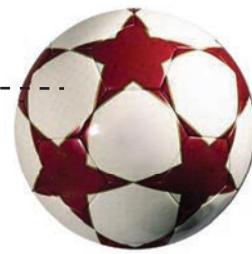
Mvusuludzo: U ḫala na u livhanya

Thusani musidzana uri a wane thoyi dzawe.

UTHOMA



MUGUMO

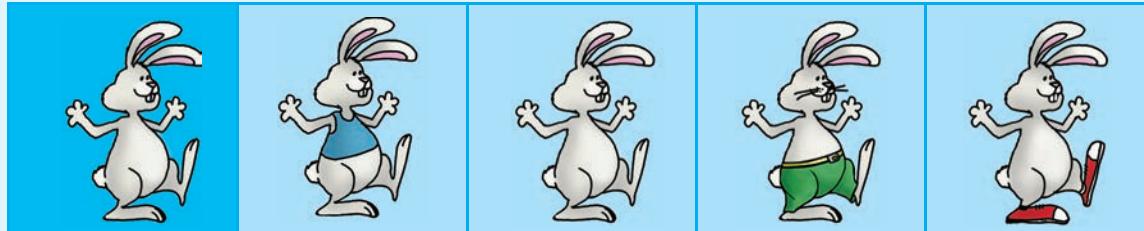
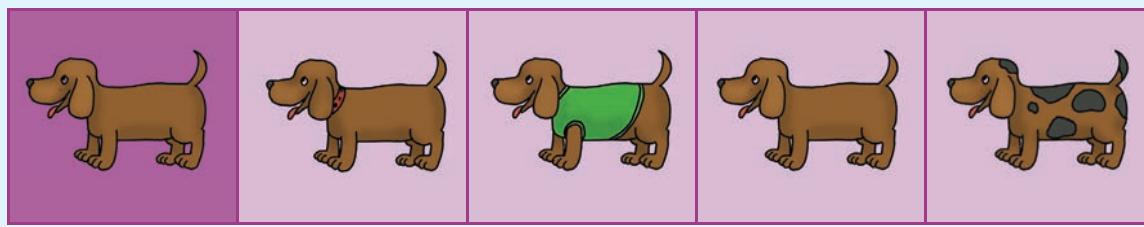
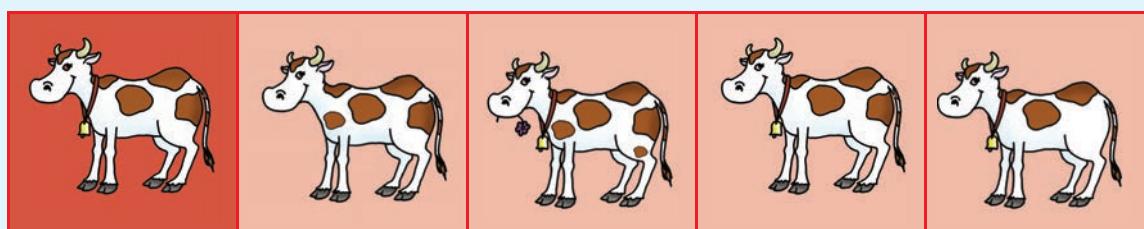
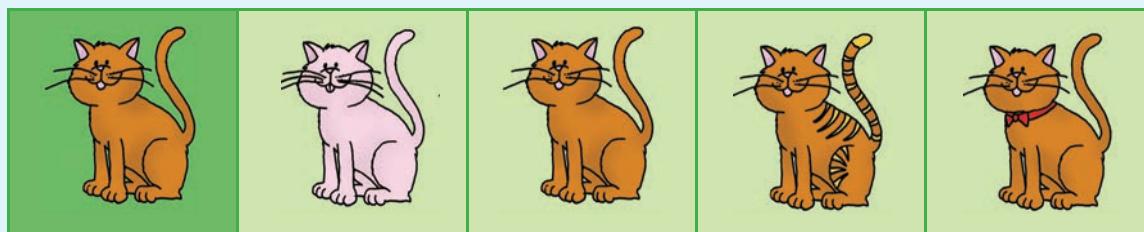
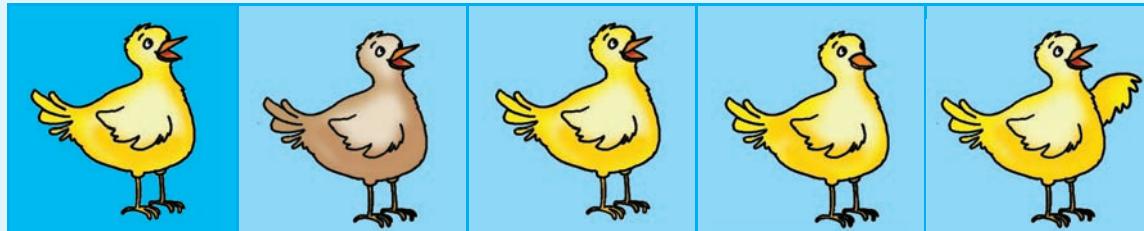




U livhanya



Wanani tshifanyiso tshi no fana na tshi re tshibogisini tsha u thoma.



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Mvusuludzo: Uvhekanya nga mivhala na u tevhedzela phetheni

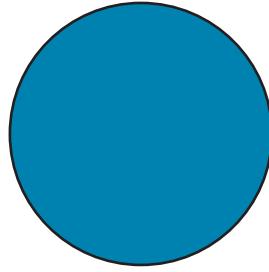
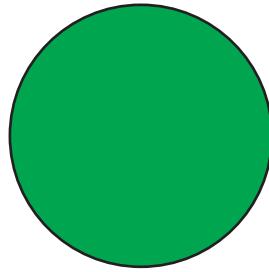
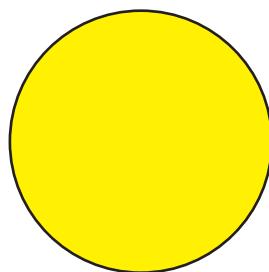
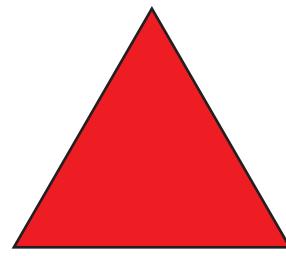
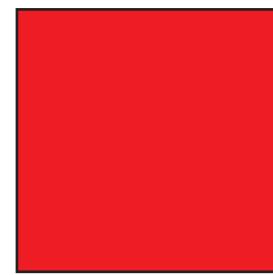
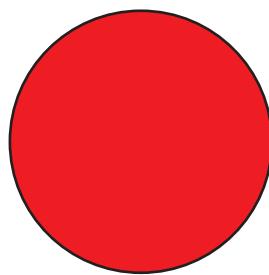
Vheyani zwivhumbeo izwi nga mivhala, zwibogisini.

Rou muduba iñwe na iñwe i vha na zwivhumbea zwa muvhala u no fana na wa tshivhumbeo tsha u thoma.

Ro ni itela rou ya zwivhumbeo zwitswuku sa tsumbo.

Bulani muvhala wa tshivhumbeo tshiñwe na tshiñwe.

Hu shumiswa zwigeriwa zwi re murahu ha bugu.

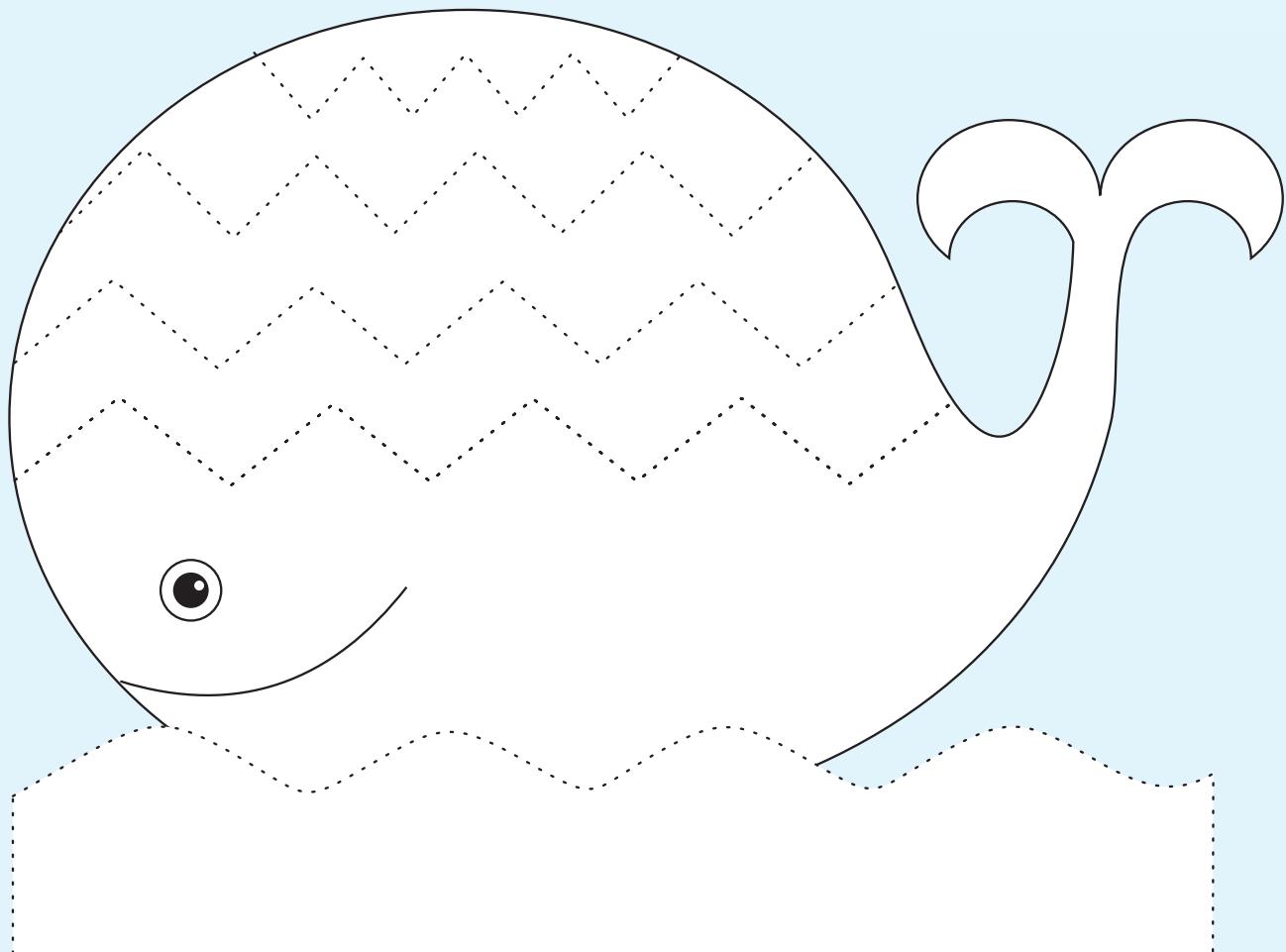




Bola na zwibogisi



Tevhedzelani kha mitaladzi yo tshukhukanyiwaho ni tshi fhedzisa phetheni ya khovhe ya vhimbi.



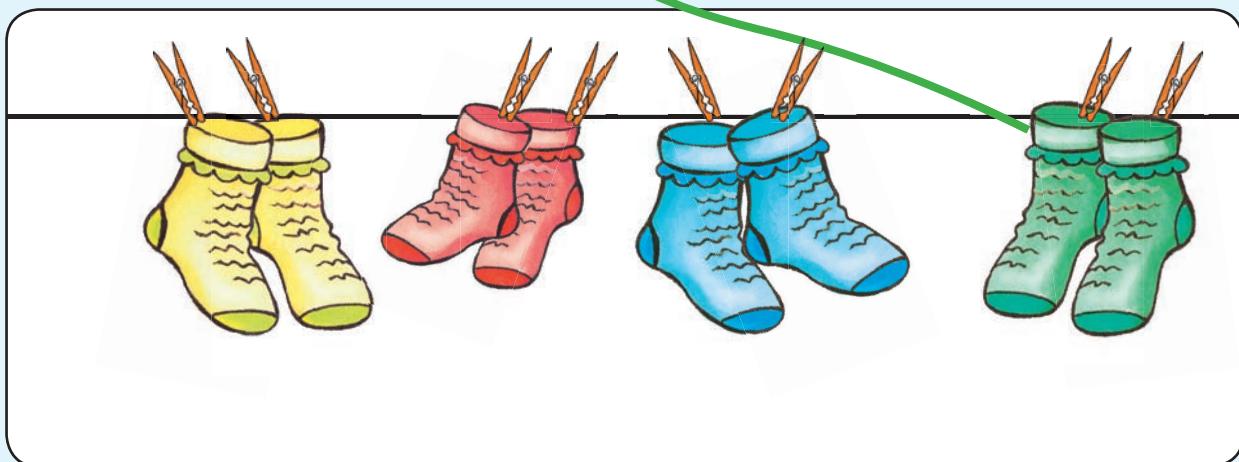
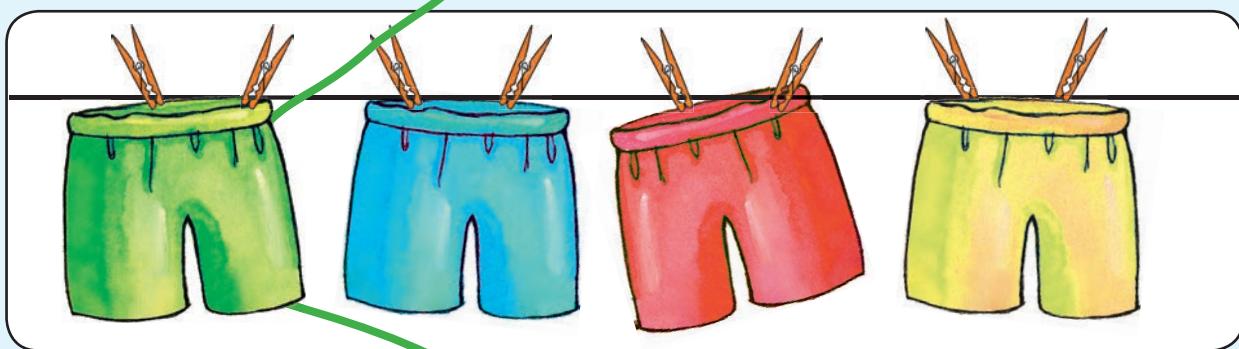
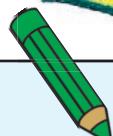
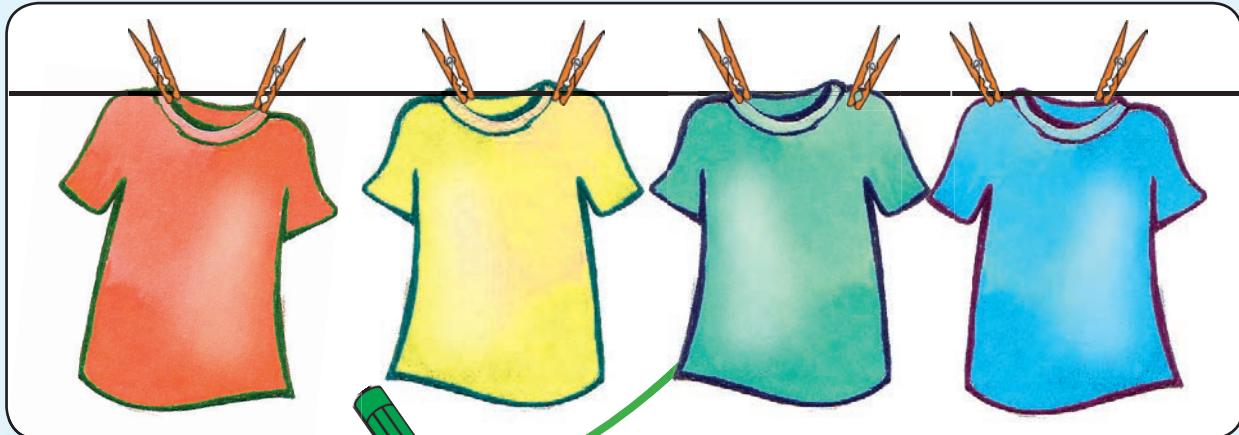
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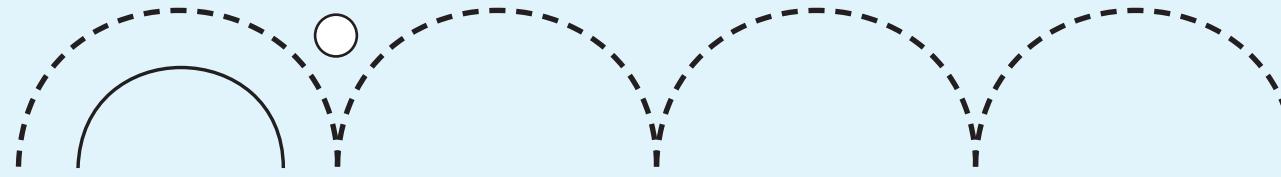
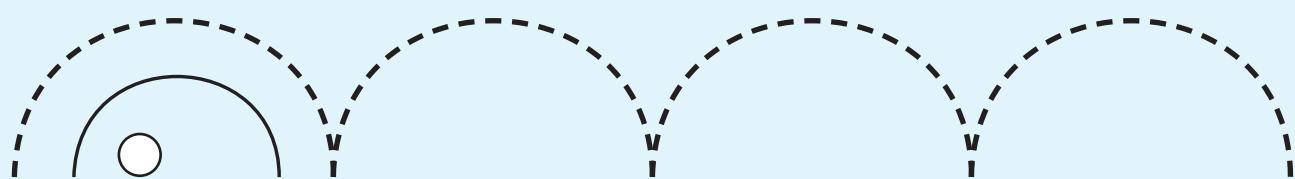
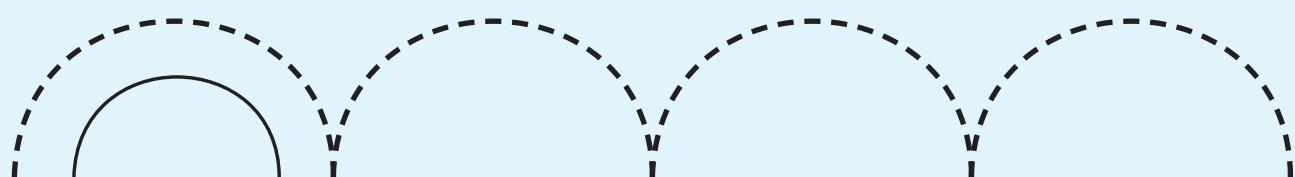
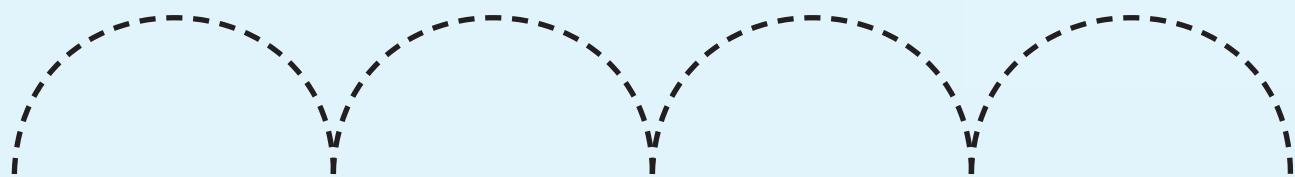
Mvusuludzo: Mivhala na phetheni

Talani mutalo wa u livhanya zwiambaro zwa mivhala i no fana.





Thomani u tevhedzela phetheni ni tshi shumisa munwe ni kone u tevhedzela nga khirayoni kana penisela. Phetheni ya u thoma kha rou iñwe na iñwe i ño ni dededza tshifhinga tshothe.



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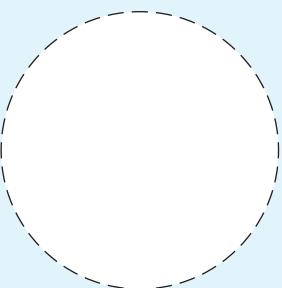
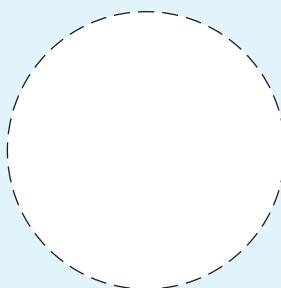
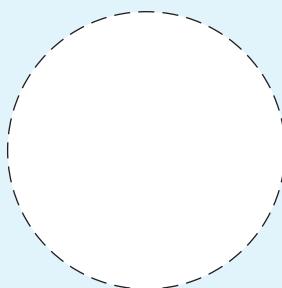
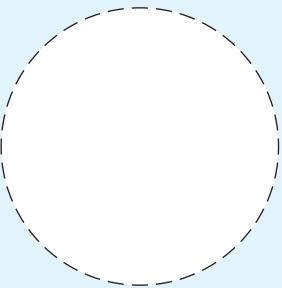
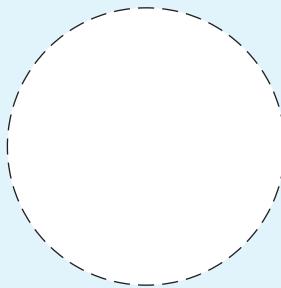
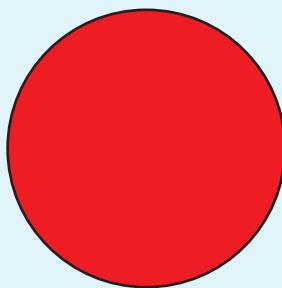




Mvusuludzo: U vhekanya na u tevhedzela zwivhumbeo



Wanani zwigeriwa zwa zwitendeledzi murahu ha bugu ni zwi dzenise zwikalani izwi.

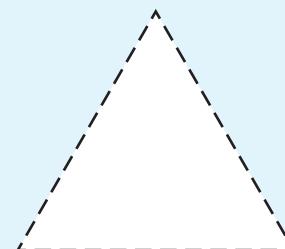
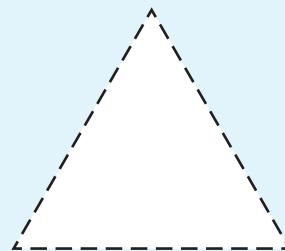
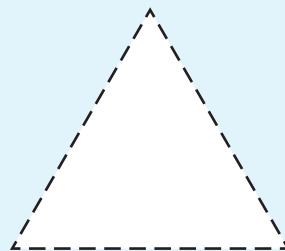
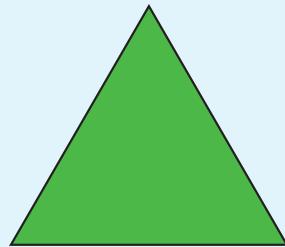


Wanani zwigeriwa
zwa zwitendeledzi
zwa u gera murahu
ha bugu ni zwi
dzenise zwikalani
izwi.





Wanani thiraiengele
dza u gera murahu ha
bugu ni dzi dzhenise
zwikhalani izwi.



Wanani misendo (daimane) ya u gera murahu ha bugu
ni i dzhenise zwikhalani izwi.



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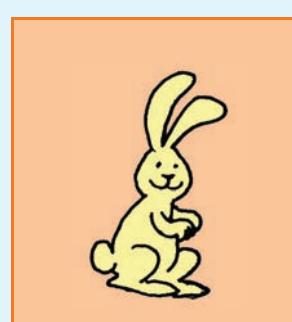
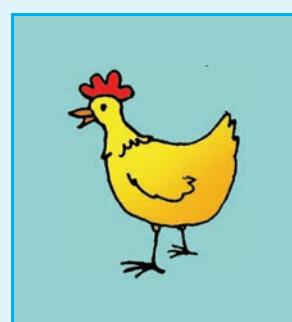
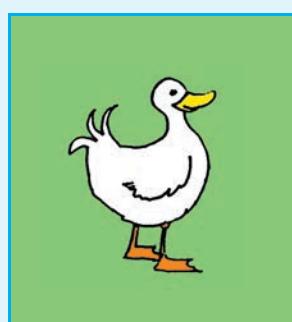
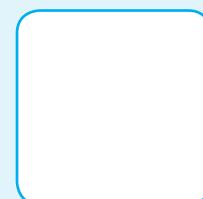
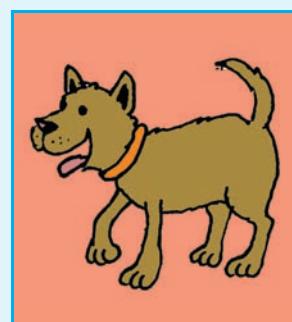
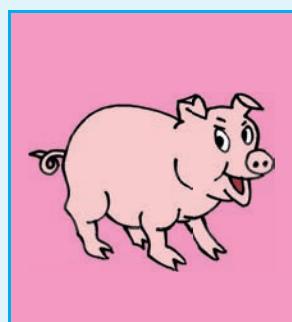
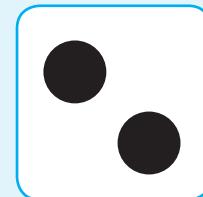
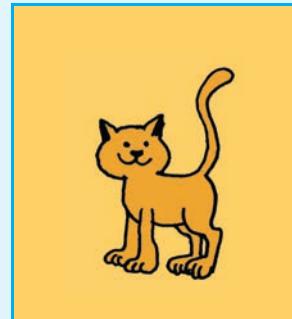
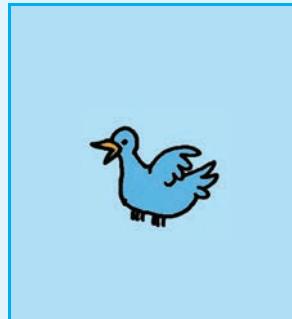


Mvusuludzo: Wanani ni vhale

Lavhelesani zwifanyiso izwi zwa zwipuka.

Ni kone u vhala tshivhalo tsha lushaka luñwe na luñwe lwa zwipuka ni ole tshivhalo tsha zwithoma tshi no lingana na tsha zwipuka tshibulokoni tshone kha zwi re kha siañari li tevhelaho. Ro dzula ro ni itela tshibuloko tsha zwimange.





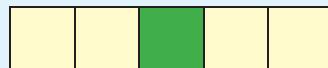
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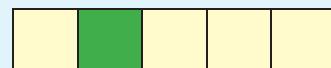


Mvusuludzo: Vhuimo

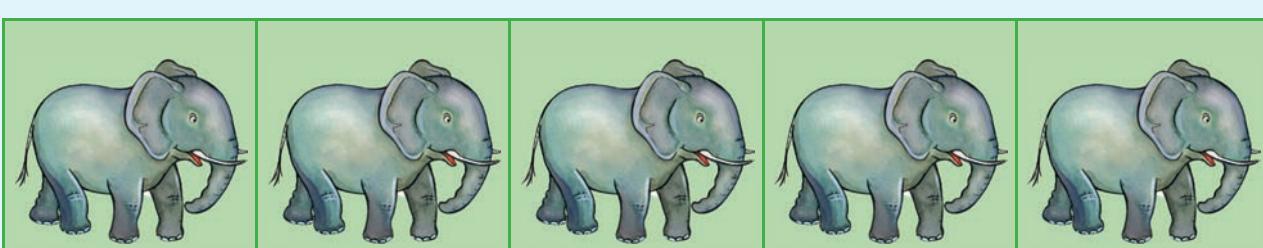
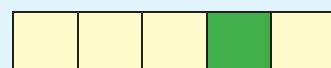
Tangedzelani tshipuka tshi re kha kha rou i re afho fhasi ni tshi sumbedza uri tshi kha vhuimo hu no fana na tshibuloko tsha muvhala muddala kha muduba uyo. Ro dzula ro ni itela tsumbo kha ya u thoma.



Tangedzelani tshipuka tshi re kha vhuimo uvhu kha rou (muduba) i re afho fhasi.



Tangedzelani tshipuka tshi re kha vhuimo uvhu kha rou i re afho fhasi.

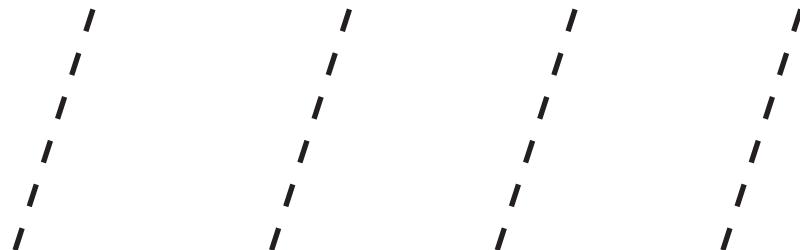
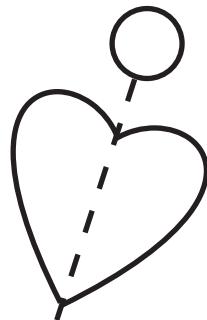
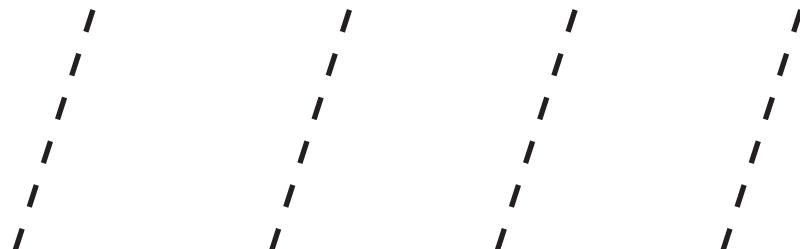
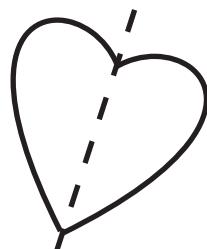
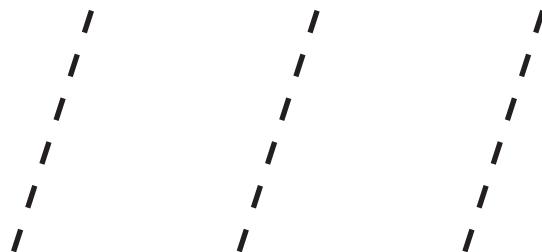
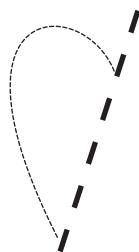
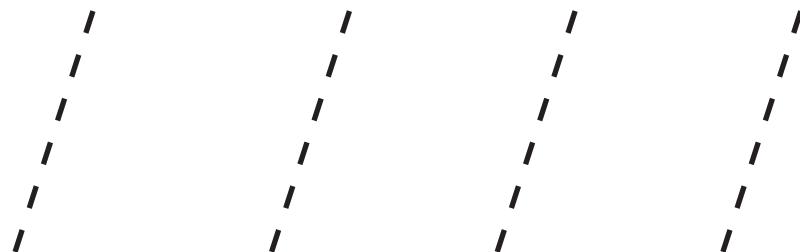
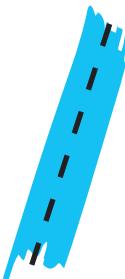


Tangedzelani tshikhokhonono tshi re kha vhuimo uvhu kha rou i re afho fhasi.





Thomani u tevhedzela phetheni ni tshi shumisa munwe ni kone u tevhedzela nga khirayoni kana penisela. Phetheni ya u thoma kha rou iñwe na iñwe i ño ni dededza tshifhinga tshothe.



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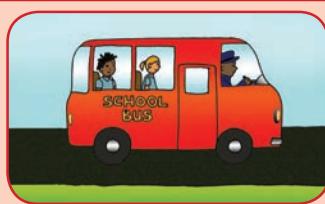


Mvusuludzo: Tshifhinga

Lavhelesani zwifanyiso ni ambe uri ndi zwifhio zwi no dzhia tshifhinga tshilapfu (✓) na uri ndi zwifhio zwi no dzhia tshifhinga tshipfufhi (✗). (✓) Itani thiki kha zwi no dzhia tshifhinga tshilapfu. Itani tshifhambano kha zwi no dzhia tshifhinga tshilapfu (✗).



U ya tshikoloni nga milenzhe.



U ya tshikoloni nga goloi.



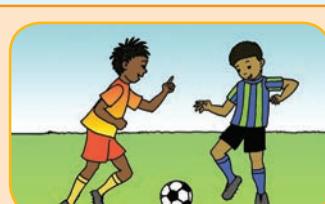
U ita sangwetshi.



U baka khekhe.



U ita mushumo wa tshikolo.



U tamba bola ya milenzhe.



U pennda nn̄du.

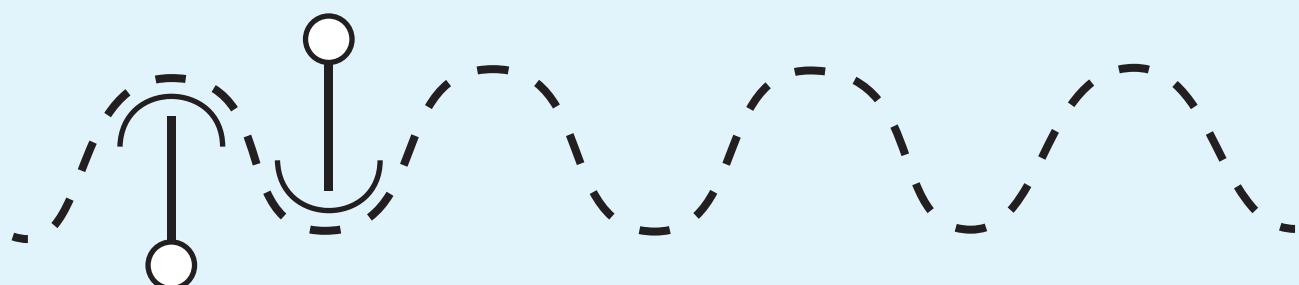
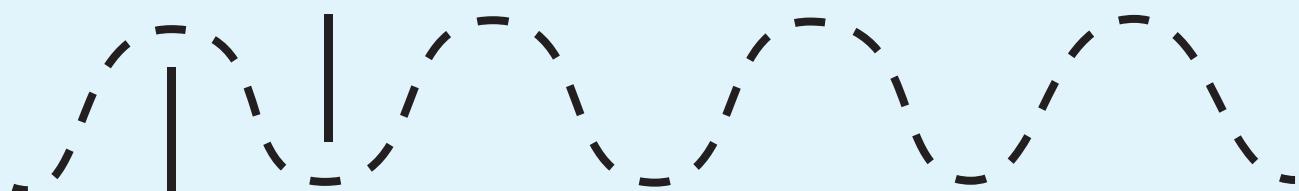
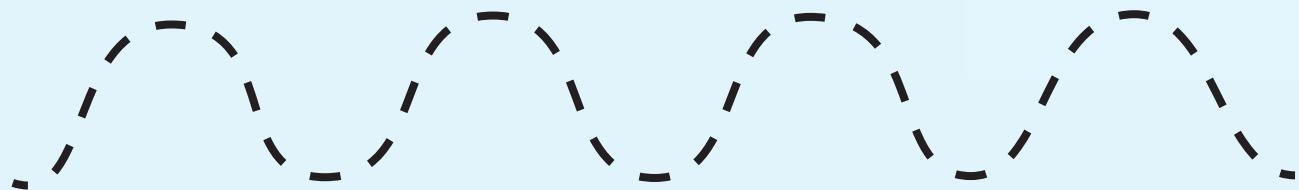


U ola tshifanyiso.





Thomani u tevhedzela phetheni ni tshi shumisa munwe ni kone u tevhedzela nga khirayoni kana penisela. Phetheni ya u thoma kha rou iñwe na iñwe i ñ do ni dededza tshifhinga tshothe.

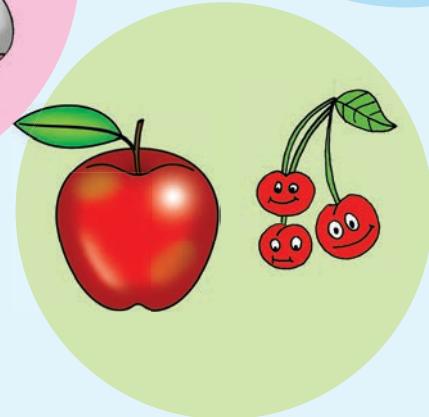
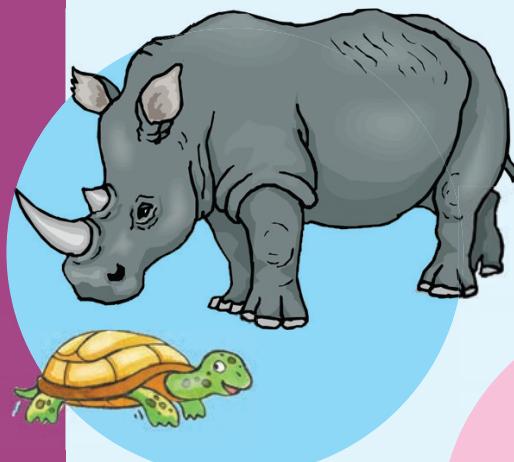


Teacher: Sign:
Date:



Mvusuludzo: Zwivhumbeo, saizi na mivhala

Tangedzelani tshi re tshihulwanesa tshifanyisoni tshinwe na tshinwe.

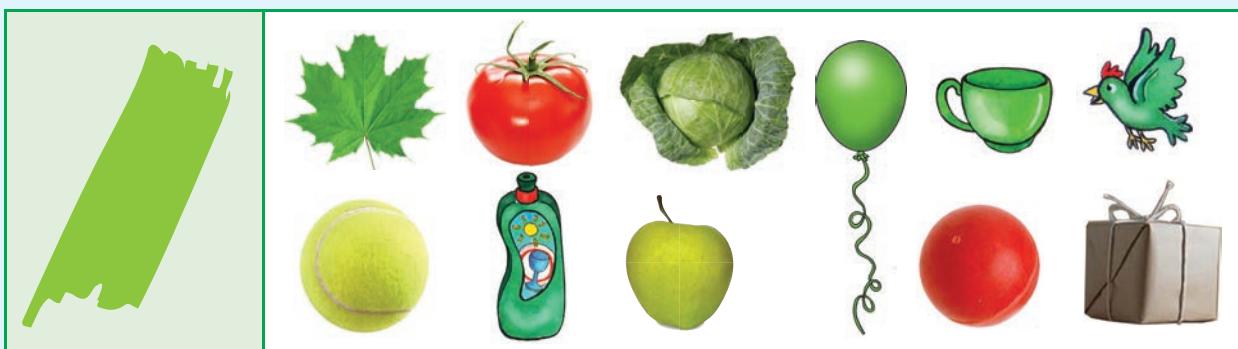




U vhala



Tangedzelani zwithu zwine mivhala yazwo ya fana na muvhala pennde i re kha tshibogisi tsha u thoma.



Teacher:
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Date:



q

Themo ya |



Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ja mbalo.

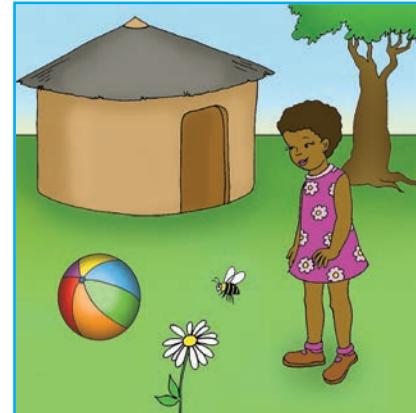
Thihi

notshi nthihi

musidzana muthihi

ranndavhula nthihi

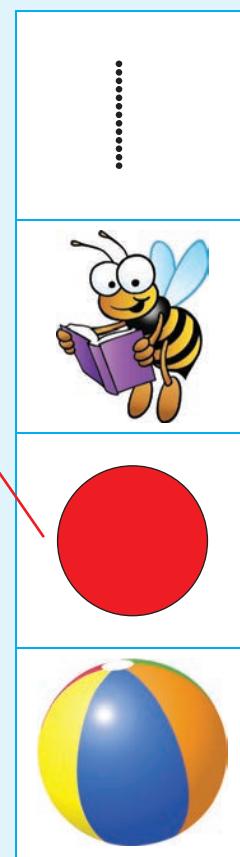
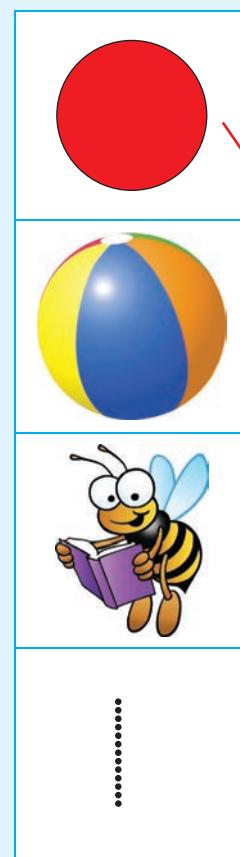
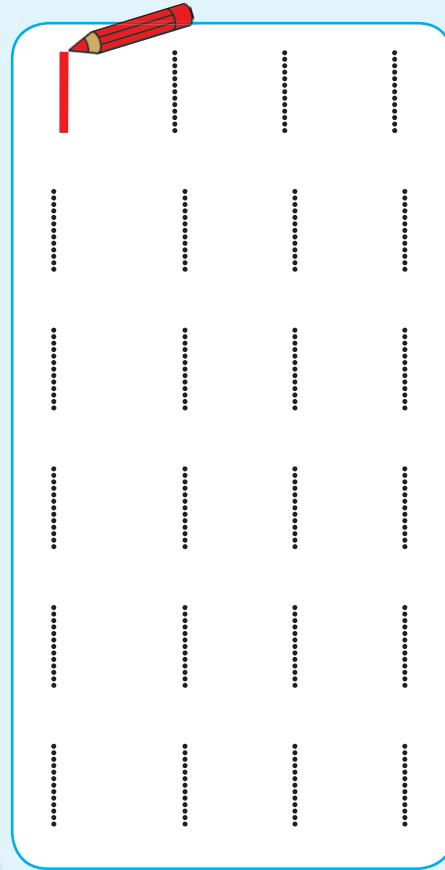
bola nthihi



Tevhedzelani nomboro.

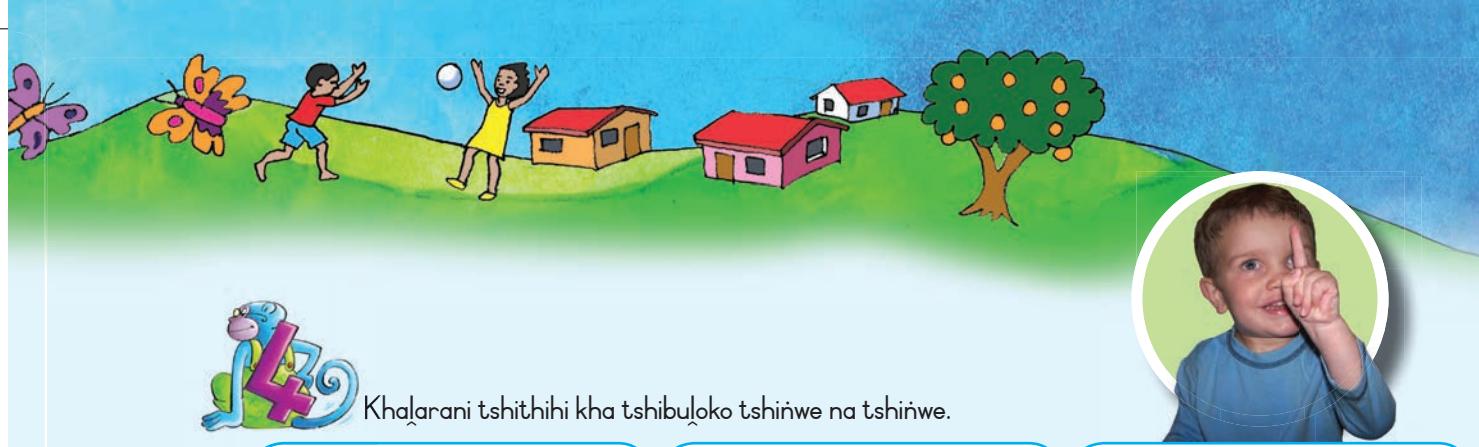


Livhanyani zwifanyiso.

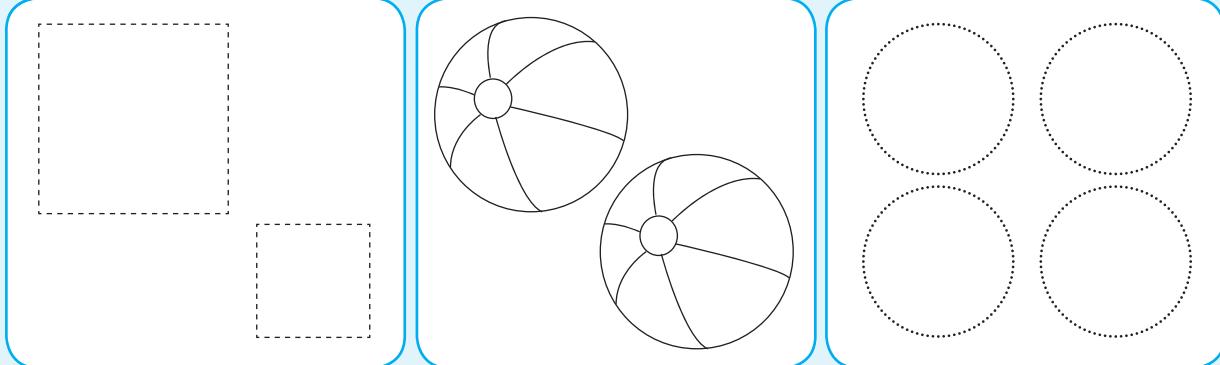


18

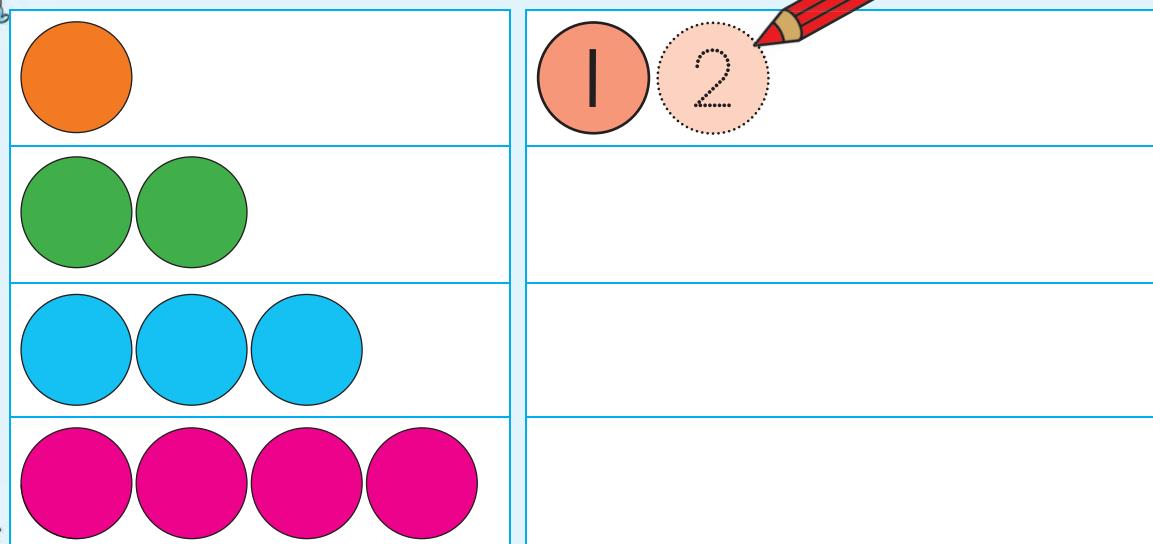
1 2 3 4 5 6 7 8 9 10



Khalarani tshithihi kha tshibuloko tshiñwe na tshiñwe.



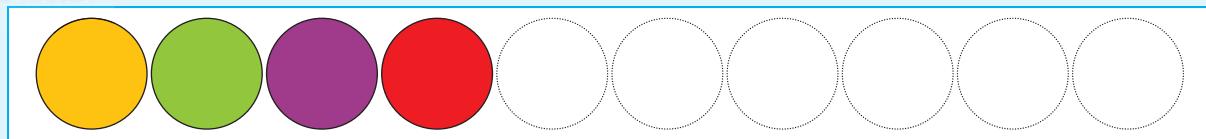
Kopani ni ole tshiñwe hafhu tshithihi.



Itani ndowendowé ya nomboro.



Khalarani zwitendeledzi ni tshi khou ralo u vhala.



1 12 13 14 15 16 17 18 19 20

Teacher:
Sign:
Date:



10

Themo ya |



Mbili

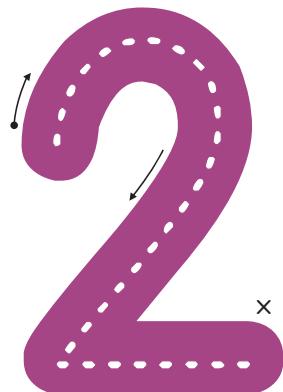
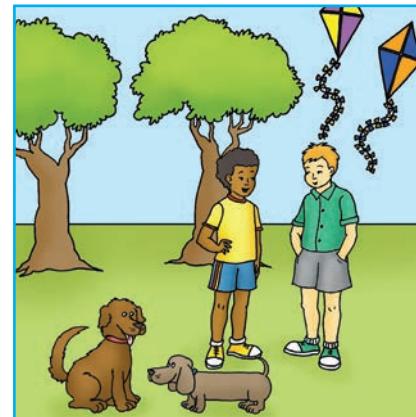
Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ja mbalo.

miri miyhili

vhatukana vhavhili

khaithi mbili

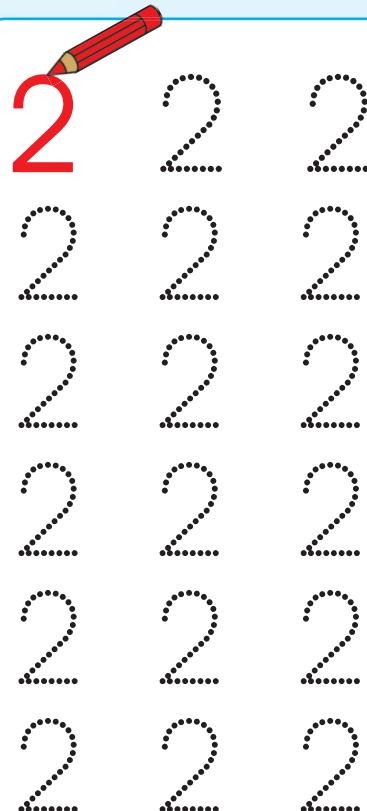
mmbwā mbili



Tevhedzelani nomboro.



Livhanyani zwifanyiso.



20

|

2

3

4

5

6

7

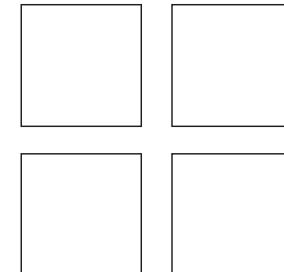
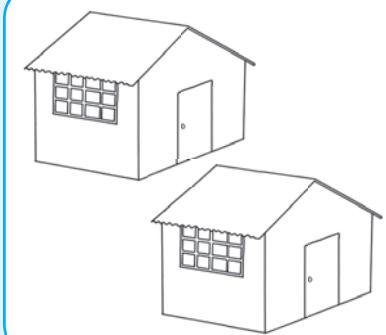
8

9

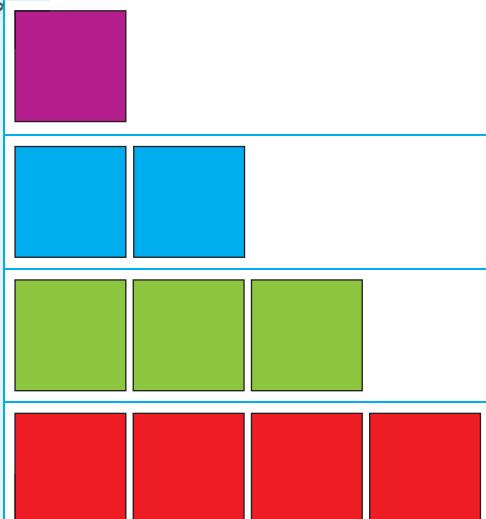
10



Khalaranī zwivhili kha tshibuloko tshiñwe na tshiñwe.



Kopani ni ole zwiñwe hafhu zwa zwivhili.



Itani ndowendowe ya nomboro.



mbili



Khalaranī zwikwea ni tshi khou ralo u vhala.



Teacher:
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Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ja mbalo.

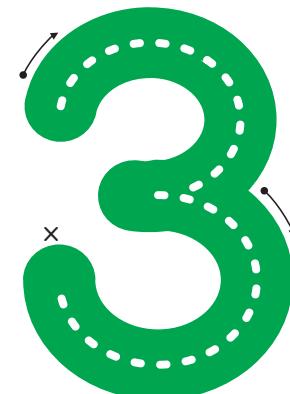
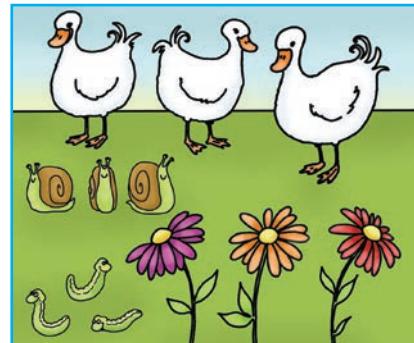
Raru

masekwa mararu

khumba tharu

maluvha mararu

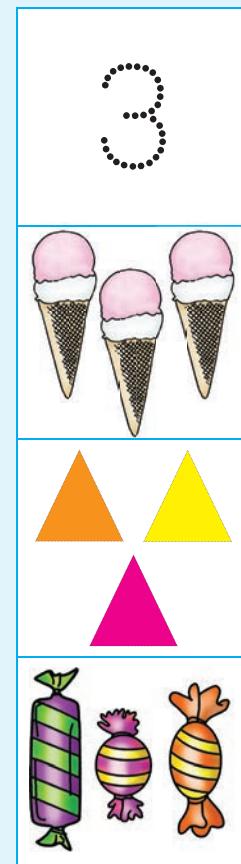
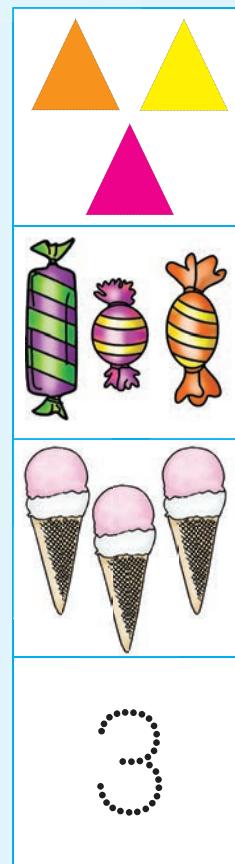
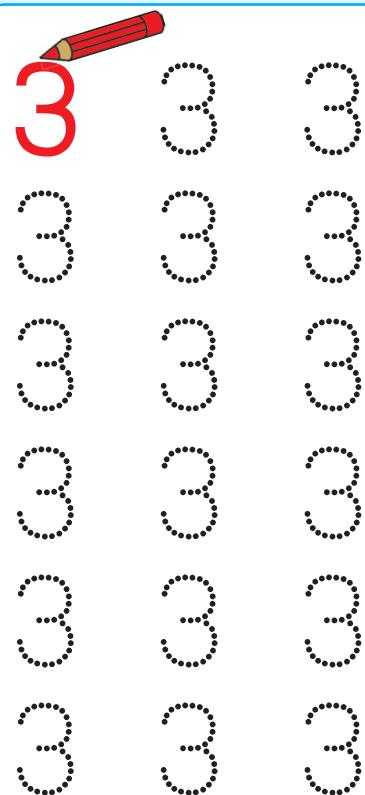
mbungu tharu

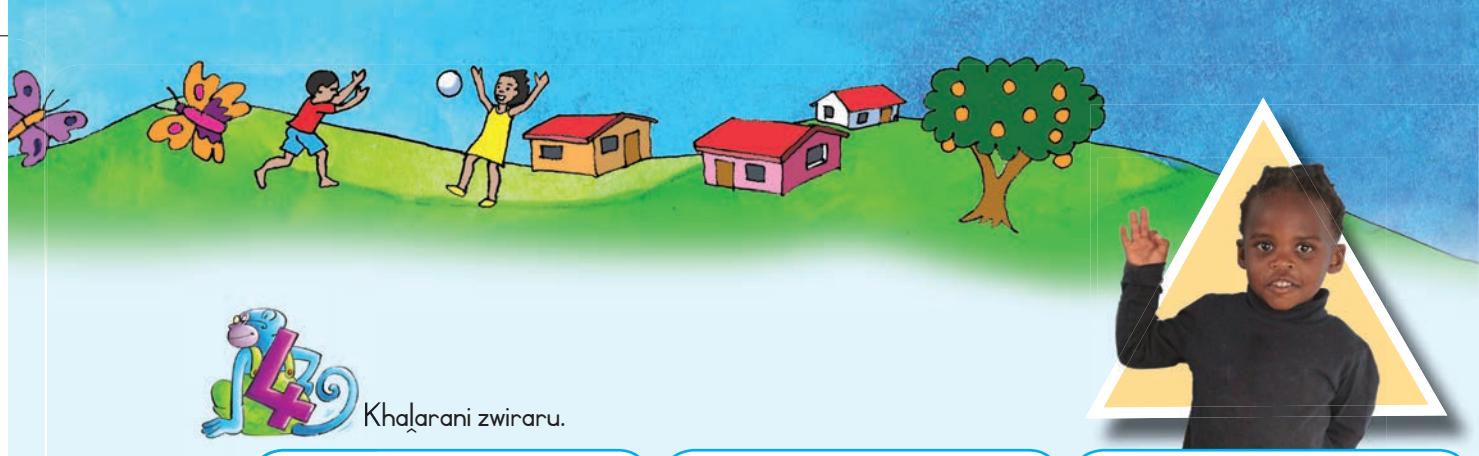


Tevhedzelani nomboro.



Livhanyani zwifanyiso.





Khalarani zwiraru.



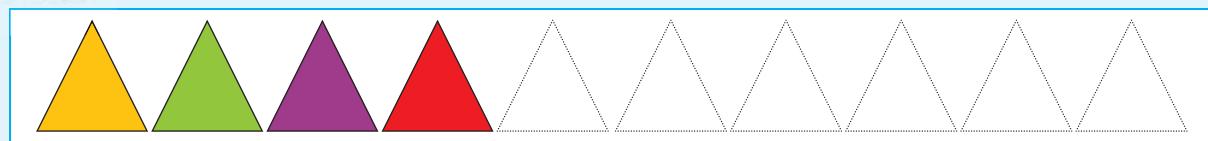
Kopani ni ole zwiñwe hafhu zwa zwiraru.



Itani ndowendowe ya nomboro.



Khalarani thiraiengele ni tshi khou ralo u vhala.



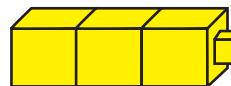
12a

Themo ya |

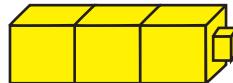
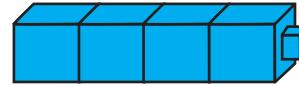
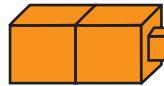
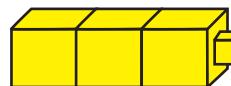


Vhulapfu (vhunavha) na vhuimo

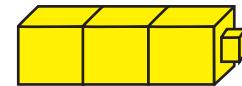
Itani thiki (✓) kha tshidimela tshipufufisa.



Itani thiki (✓) kha tshidimela tshilapfu.

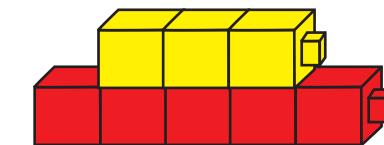


Olani tshidimela tshilapfusa.





Khałarani ipfi lone. Tshidimela tshipufhi tshi:



phanda ha

ntha ha

murahu ha



phanda ha

ntha ha

murahu ha



phanda ha

ntha ha

murahu ha



Olani tshidimela tshilapfu.

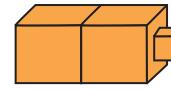
ntha ha



tsini na



phanda ha



Teacher:
Sign:
Date:



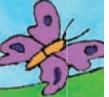
I2b

Themo ya |



Tangedzelani tshilapfu.

Vhulapfu/vhunavha



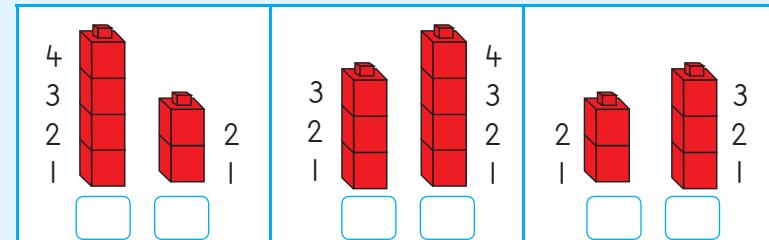
tshipfufhi

tshilapfu

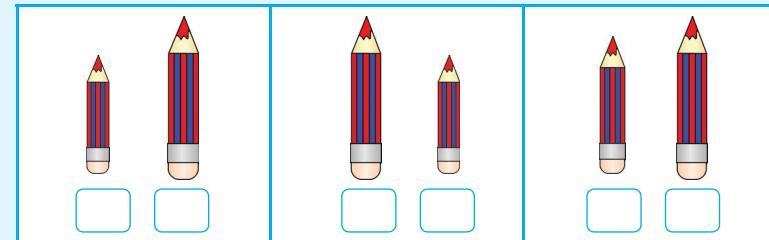


Itani thiki kha phindulo yone.

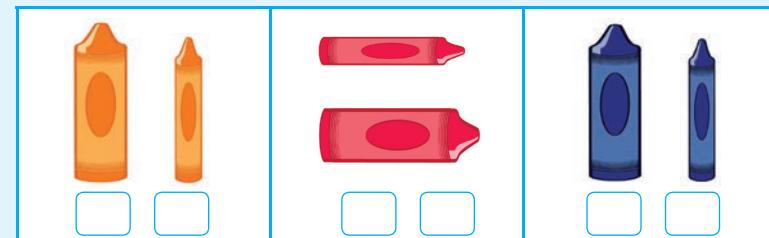
Itani thiki kha tshilapfusa.



Itani thiki kha penisela i re pfufhisa.



Itani thiki kha khirayoni yo ḥandavhuwesaho.



Olani: tshifhatō tshithihī tshine tsha vha tshipfufhi na tshinwe tshine tsha vha tshilapfu tshi nga fhasi hatsho.



Olani mulambo wo aṭamaho na muñwe musekene kha uyo u re tshifanyisoni.



Teacher:
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Date:



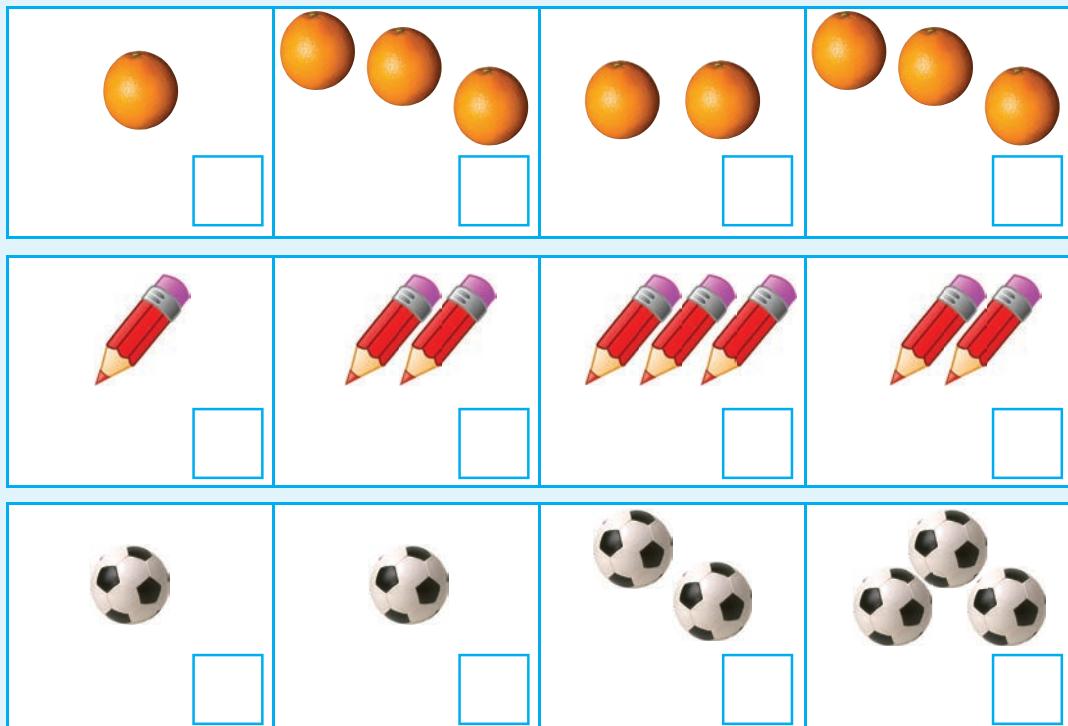
13

Themo ya |

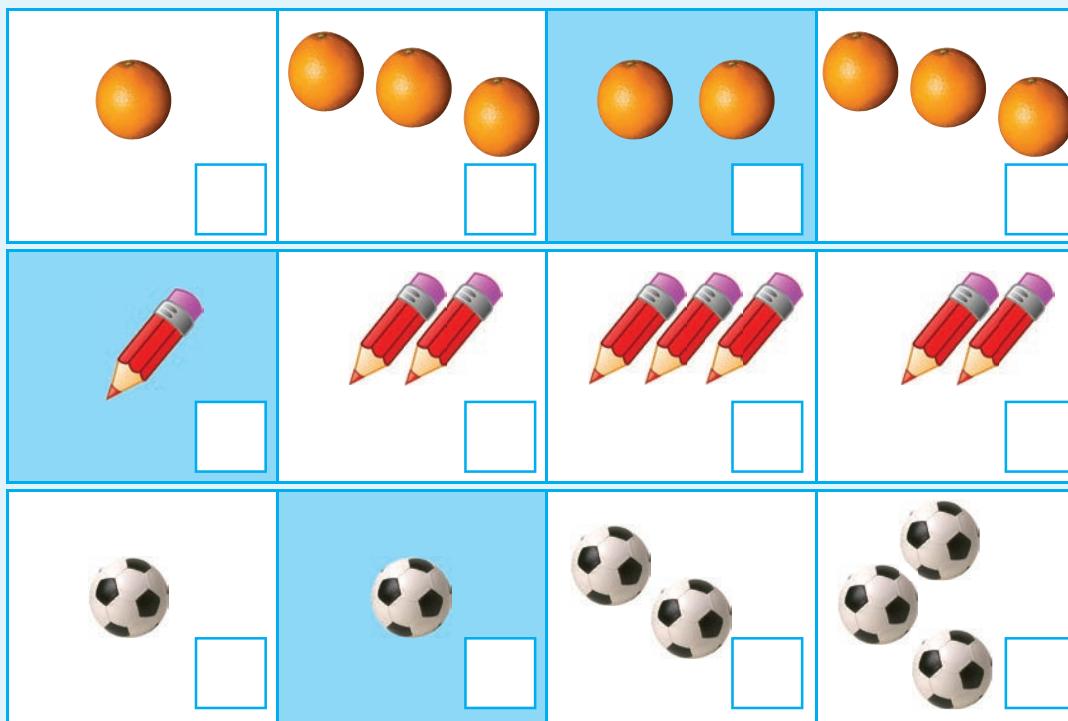


Vhambedzani nomboro dza 1-3

Itani thikhi kha zwibuloko zwine zwa vha na tshivhalo tsha zwithu zwi no lingana.



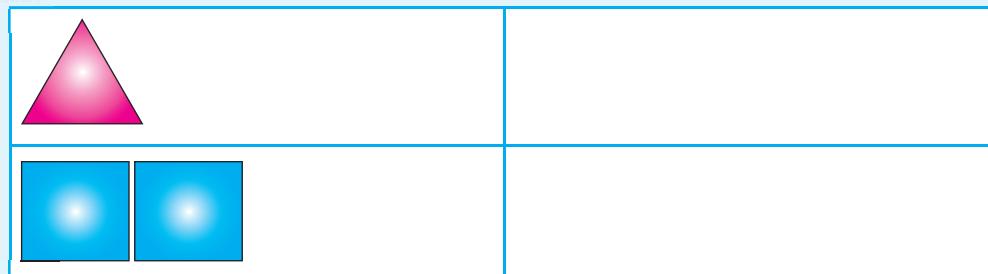
Itani thikhi kha tshibuloko/zwibuloko tshine/zwine zwa vha na zwithu zwinzhi u fhira tshibuloko tsho swifhadzwaho.



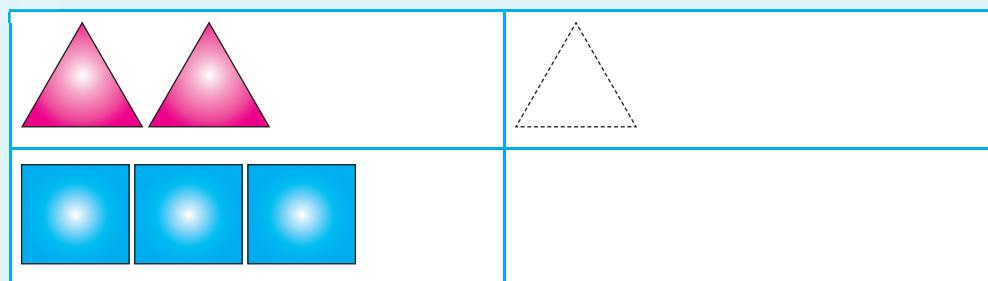
28



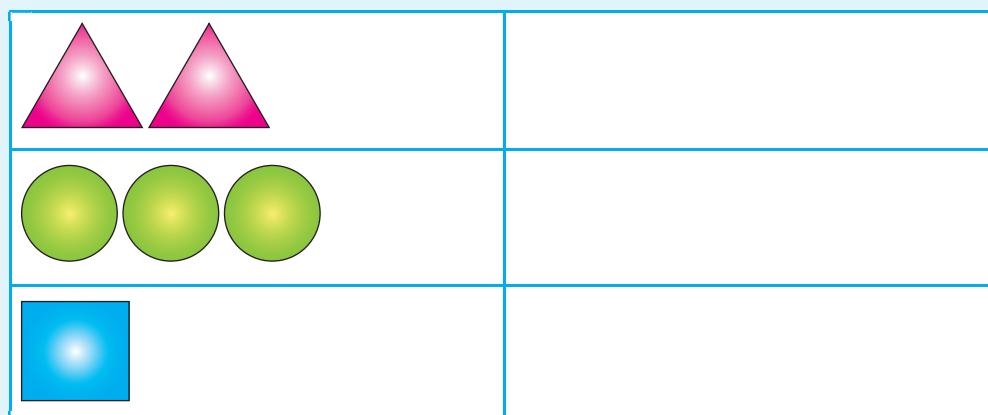
Kopani na u ola tshiñwe tshivhumbeo tshithihi hafhu kha kholomo ya tsha u ja.



Olani zwivhumbeo ho tshihela tshithihi kha kholomo ya tsha u ja.



Olani zwivhumbeo ho tshihela tshithihi kha kholomo ya tsha u ja.



Tevhedzelani kha nomboro ine ya vha yone thukhusa kga nomboro idzi tharu.



Teacher:
Sign:
Date:

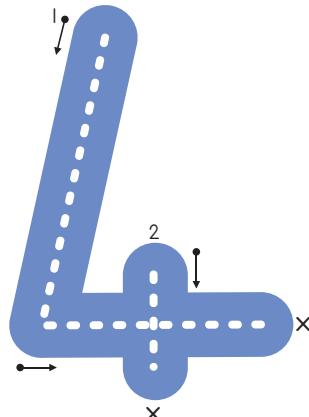
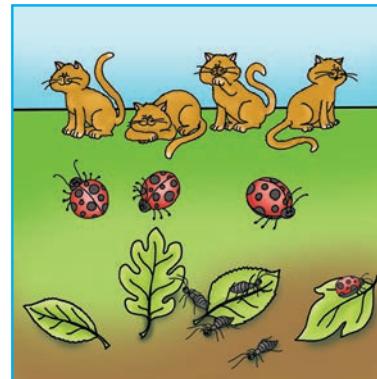




Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ja mbalo.

Ina

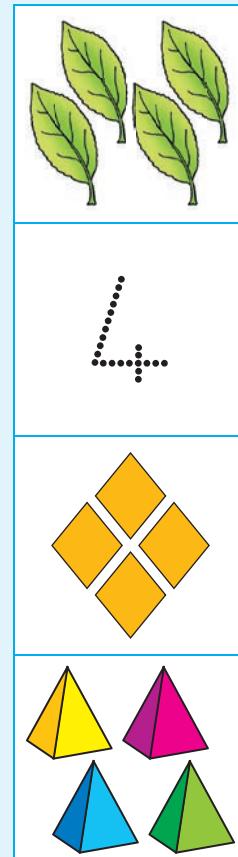
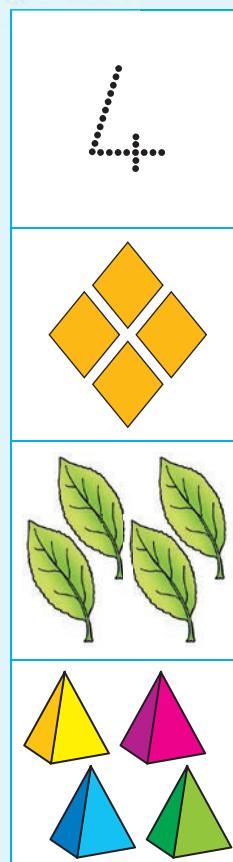
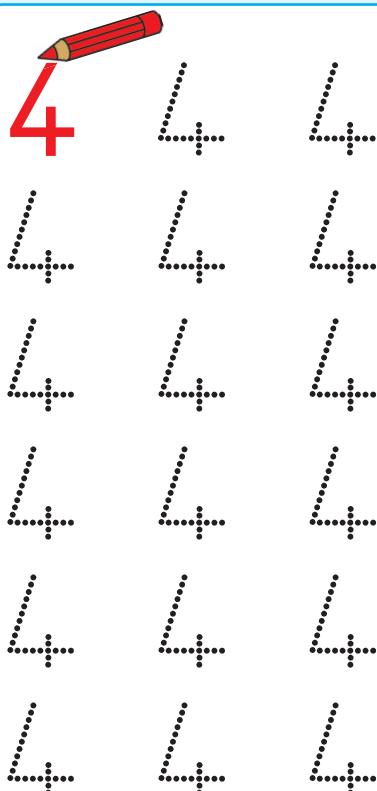
zwimange zwinga
vhusunzi vhunga
matari manga
zwhikhokhonono zwinda

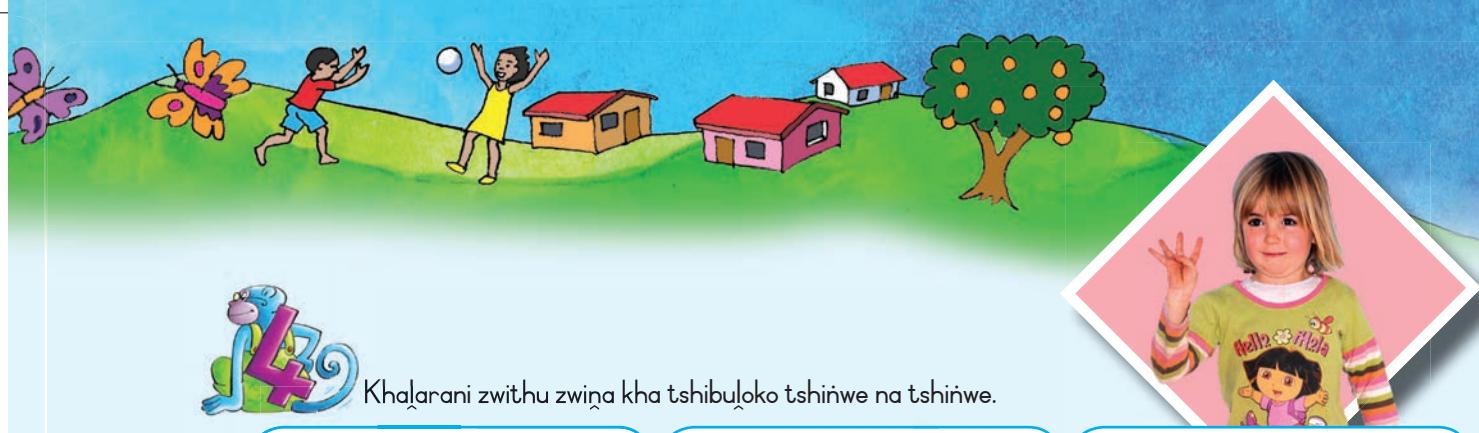


Tevhedzelani nomboro.

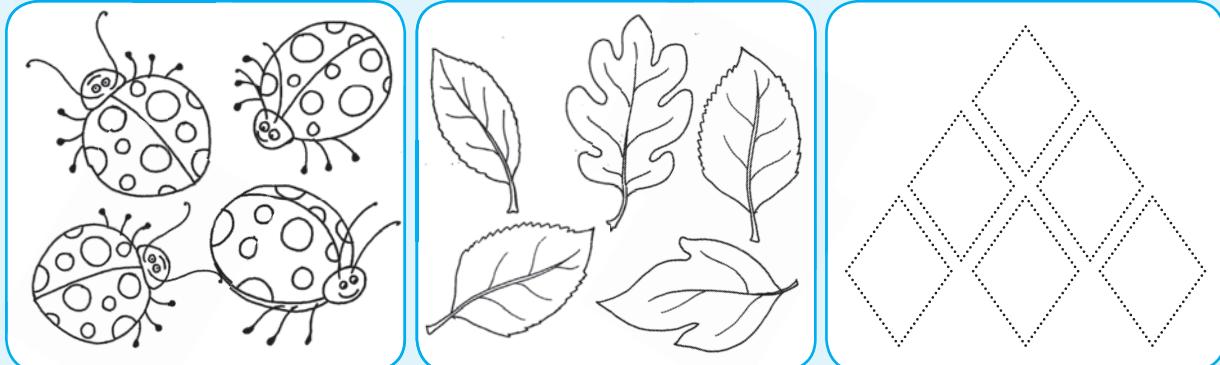


Livhanyani zwifanyiso.

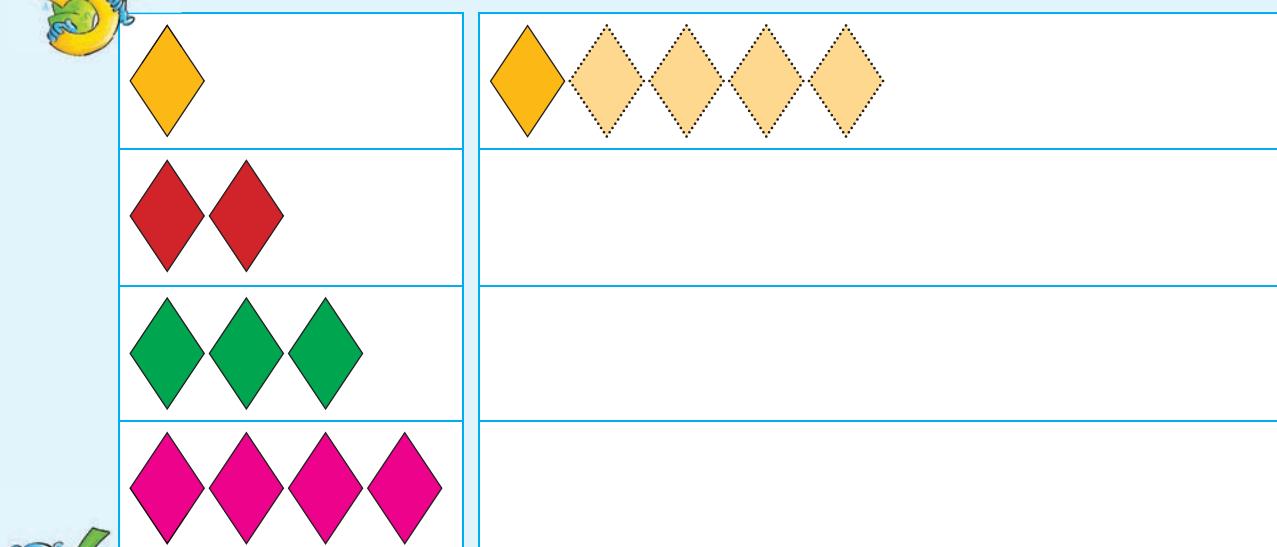




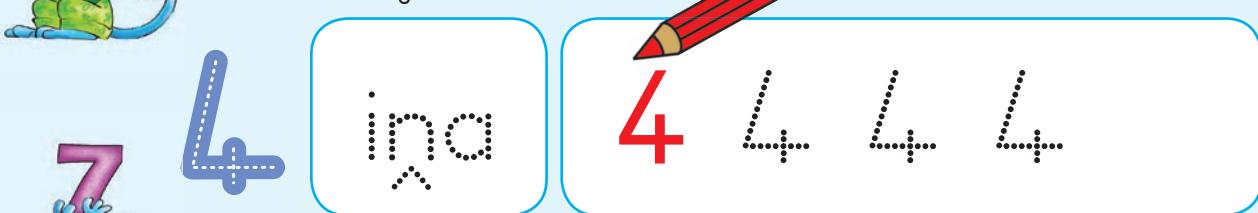
Khalarani zwithu zwiñā kha tshibuloko tshiñwe na tshiñwe.



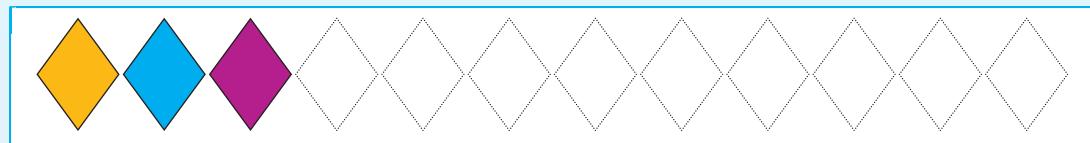
Kopani na u ola zwivhumbeo zwiñwe zwiñā haf'hu ni zwi khalare.



Itani ndowendōwe ya nomboro.



Khalarani misendo (daimane) ni tshi khou ralo u vhala.



Teacher:
Sign:
Date:



15

Themo ya |



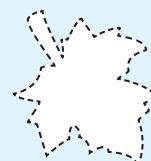
Tanganyani na u t̄usa u swika kha 4

Fhedzisani zwi tevhelaho nga u ita nyolo:

	na		zwi ita	<input type="text"/>		na	<input type="text"/>	zwi ita	
	na		zwi ita	<input type="text"/>		na	<input type="text"/>	zwi ita	
	na		zwi ita	<input type="text"/>		na	<input type="text"/>	zwi ita	



Ho sala zwivhaleli
zwingana? Zwi oleni.

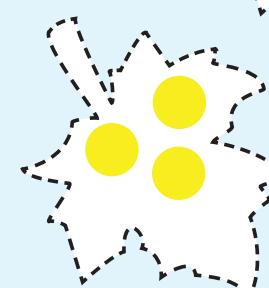
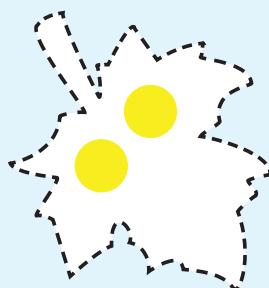
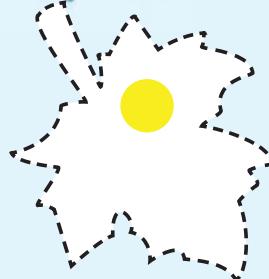


Nwalani fhungombalo la:

	4	ra bvisa	<input type="text"/>	i ita	<input type="text"/>	3
		ra bvisa	<input type="text"/>	i ita	<input type="text"/>	
		ra bvisa	<input type="text"/>	i ita	<input type="text"/>	



Oleni zwivhaleli zwiñwe haf hu uri zwi vhe 4.



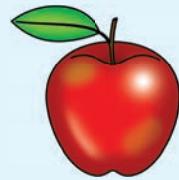
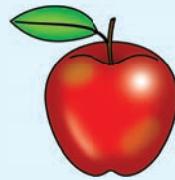


5

Tanganyani hezwi ni nwale phindulo.

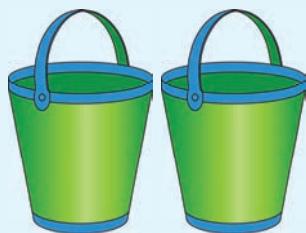


na



1 na 2 dici ita

3



na



2 na 2 dici ita



na



na



3 na 1 dici ita



na



1 na 3 dici ita



na



2 na 2 dici ita



Teacher:

Sign:

Date:



33

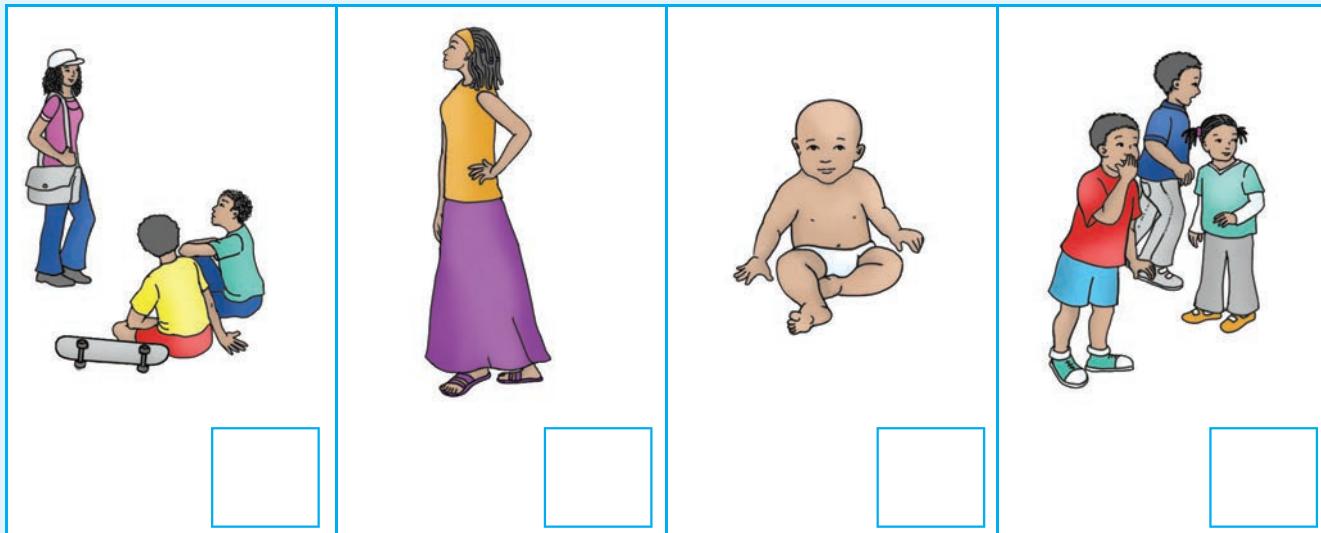
16

Themo ya |

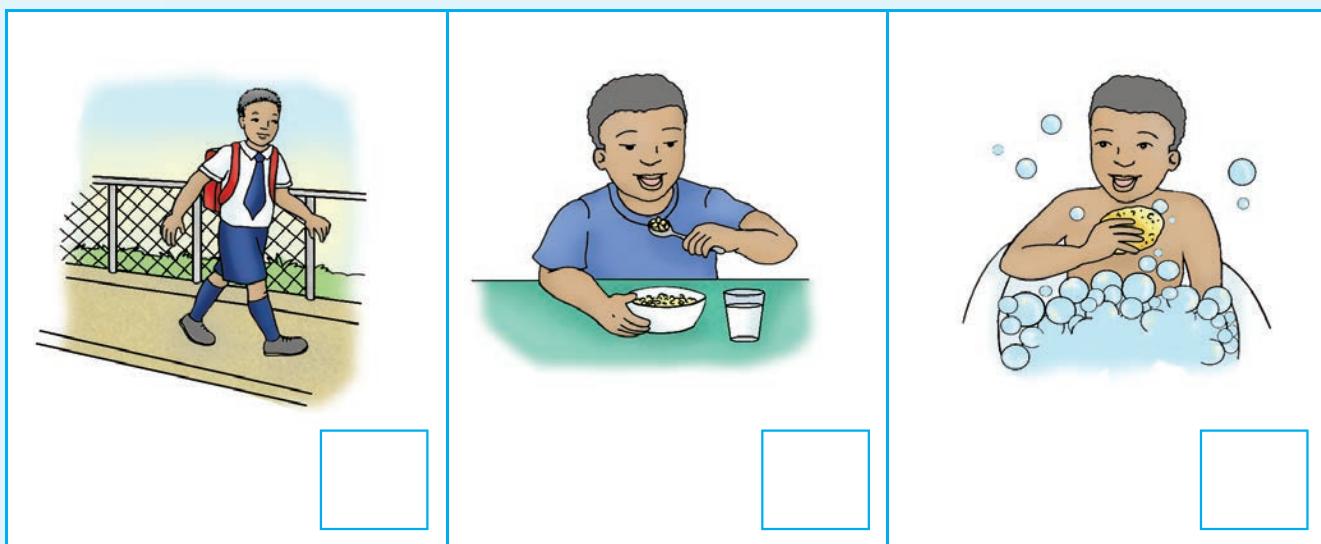


Tshifhinga

Nwalani nomboro I u swika kha 4 zwibulokoni u iteala u sumbedza kutevhokanele kwa u aluwa ha muthu.



Itani thiki ni tshi amba uri ndi tshifhio tshine na nga tshi ita nga u ḫavhanya.



1 2 3 4 1 2 3 4



Olani tshirñwe tshithu:

a. tshe na tshi ita mulovha



b. tshe na tshi ita ñamusi



c. tshine na ðo tshi ita matshelo



Teacher:
Sign:

Date:



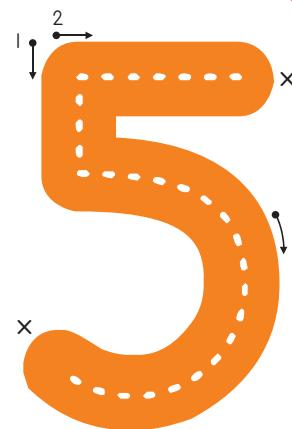
35



Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ja nomboro.

Thanu

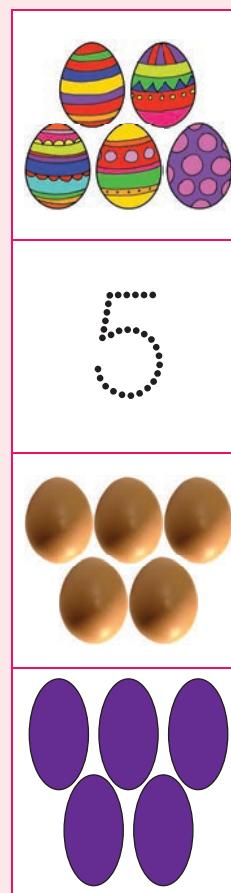
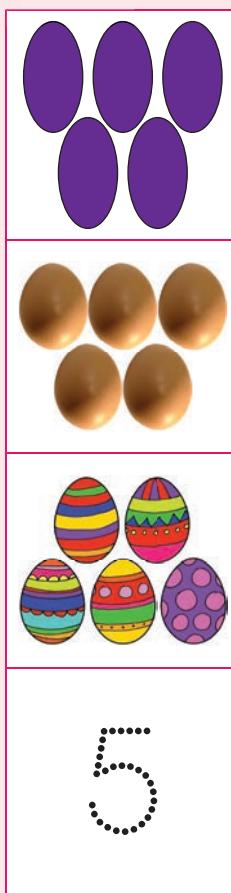
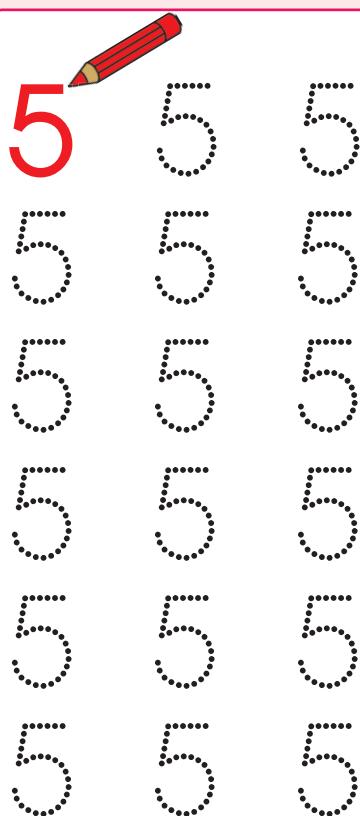
thedi~~b~~ee thanu
ma~~leg~~ere ma~~tan~~u
na~~led~~zi thanu
zwit~~i~~repe zwit~~an~~u



Tevhedzelani nomboro.

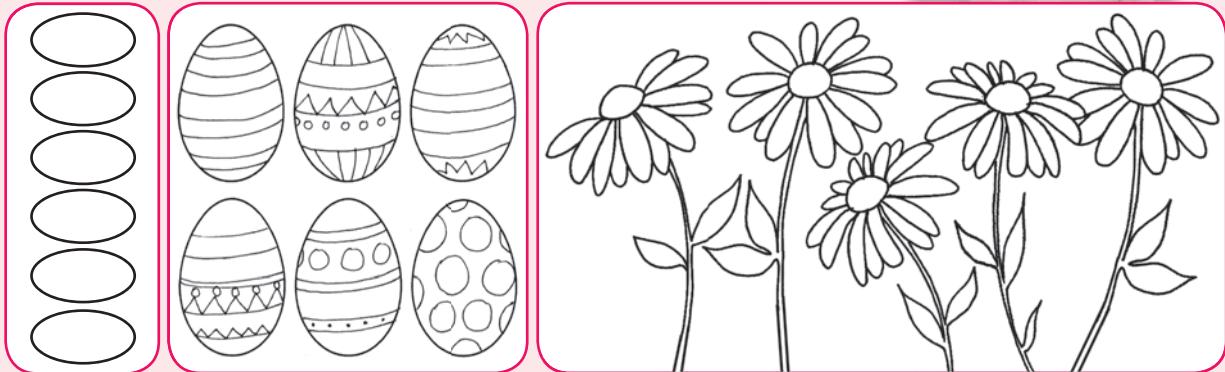


Livhanyani zwifanyiso.





Khalaranzi zwitanu kha tshibuloko tshinwe na tshinwe.



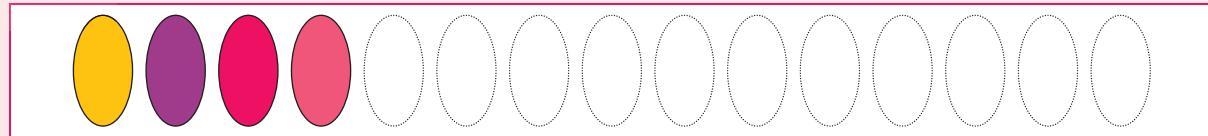
Kopani ni ole zwinwe hafhu zwitanu.



Itani ndowendowe ya nomboro.



Khalaranzi makumba (ovala) ni tshi khou ralo u vhala.





Vusuludzani nomboro I u swika kha 5

Itani ndowendōwe ya u የውል nomboro idzi.



Tagedzelani nomboro i re yone.

		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





Nwalani madzina a nomboro.

	1	thihi
	2	mbili
	3	raru
	4	ina
	5	thanu

|q

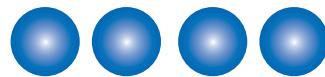
Themo ya |



Tanganyani u swika kha 5

Engedzani malungu nga u ola mariwe haf hu.

Olani tshithihi haf hu.



Olani zwivhili haf hu.



Olani zwiraru haf hu.



Vhalani ni ṭanganye hezwi ni kone u ḥwala phindulo.



na



2

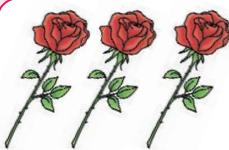
2 na 2 vha ita 4



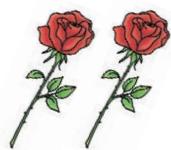
na



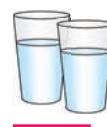
2 na 1 i ita



na



3 na 2 a ita



na



2 na 3 dzi ita



Olani thiraiengele dziñwe hafhu. Ni kona u vhona zwifhio?



	1 nga nt̄ha	
	2 nga nt̄ha	
	3 nga nt̄ha	
	4 nga nt̄ha	



Olani phindulo.

	na		zwi ri ñea	
3	na	2	dzi ri ñea	5
	na		zwi ri ñea	
	na		dzi ri ñea	
	na		zwi ri ñea	
	na		dzi ri ñea	



Teacher:
Sign:

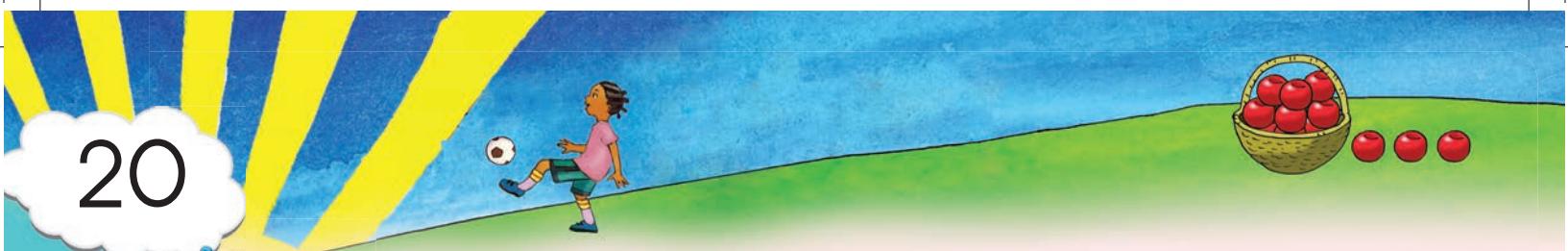
Date:





Tusani kha 5 ni ṭanganye u swika kha 5

Olani zwi fhasi (u fhungudza).



	zwo fhungudza nga 1	
	zwo fhungudza nga 2	
	zwo fhungudza nga 3	
	zwo fhungudza nga 4	



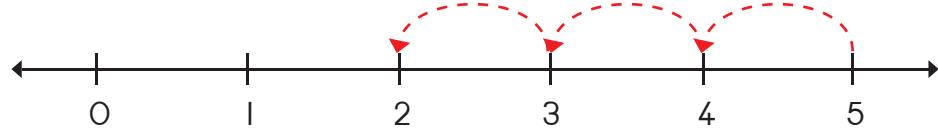
Nwalani mbalo ya:

	5	ra ṭusa	I	ndi	4
		ra ṭusa		ndi	
		ra ṭusa		ndi	



Tusani nga u vhala ni tshi ya murahu

5 ṭusa 3



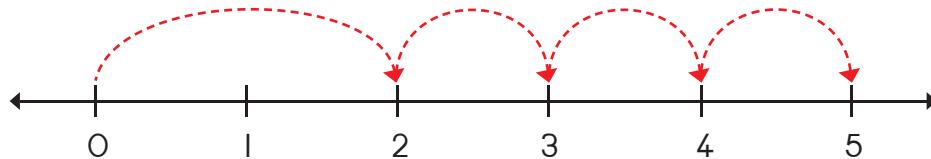
5 ṭusa 2





Tanganyani nga u vhala ni tshi ya phanda

2 tanganya na 3

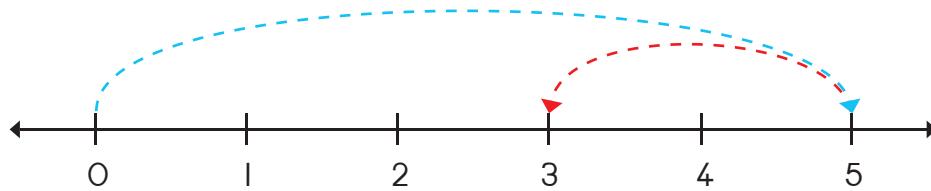


1 tanganya na 4

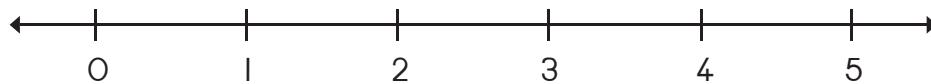


Sumbedzani mbalo kha mutalombalo.

5 tusa 2



5 tusa 4



Teacher:
Sign:

Date:

Tanganyani na u ḫusa u swika kha 5



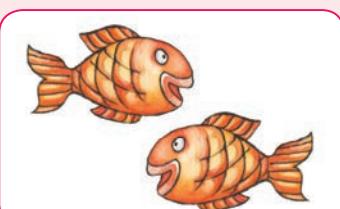
Fhedzisani zwi tevhelaho:



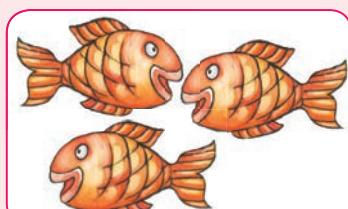
na



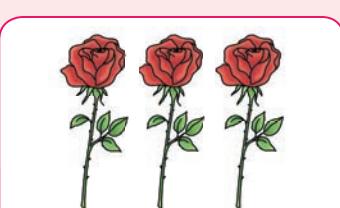
zwi mpha



na



zwi mpha



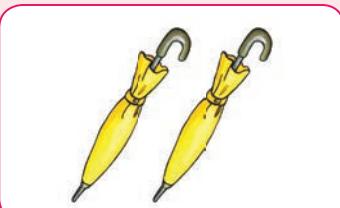
na



zwi mpha



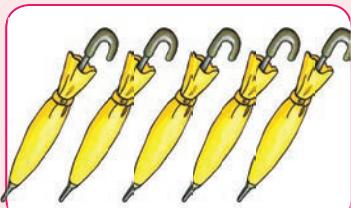
Fhedzisani zwi tevhelaho:



na



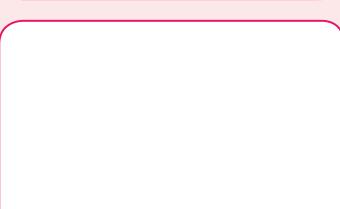
zwi mpha



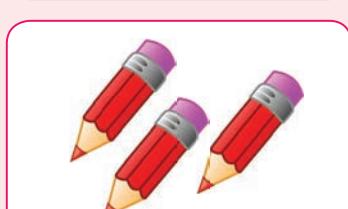
na



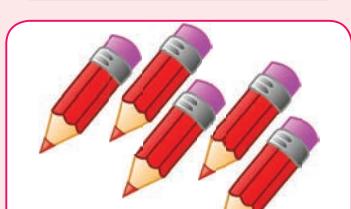
zwi mpha



na

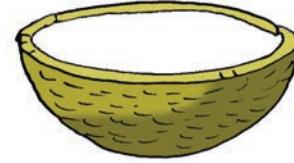
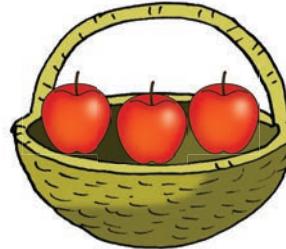
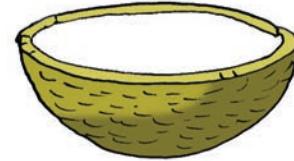
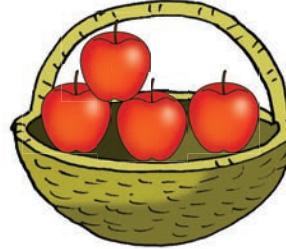
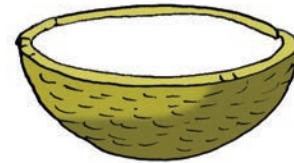


zwi mpha

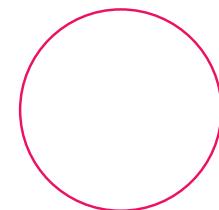
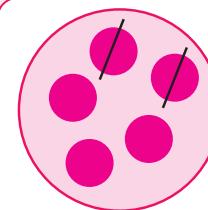
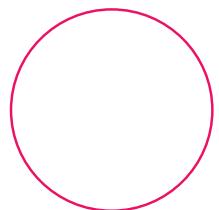
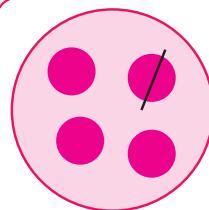




Olani marwe maqula hafhu uri a vhe a mat^{anu}.



Ho sala malungu mangana? A oleni.



Mbalo dza maipfi.

Mudededzi/mubebi wa^ñu vha ño ni vhalela yone na kona u ola muolo (nyolo) wa u tandulula mbalo iyi.

Lisa u na mapiere mavhili. Musa a mu ñea lithihi. O no vha na mapiere mangana zwino?

Lisa u na mapiere ma^ña. Musa a mu ñea mavhili. O no vha na mapiere mangana zwino?



Teacher:
Sign:

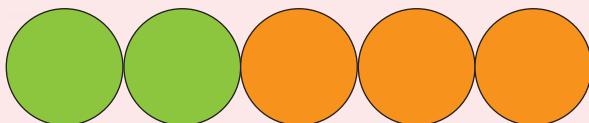
Date:



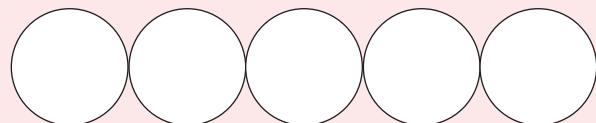


Mutanganayo na mutuso | u swika kha 5

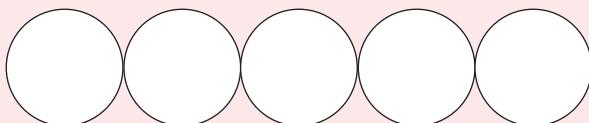
Khalaranu malungu ni tshi sumbedza.



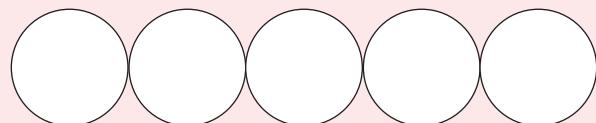
2 na 3 ndi 5



1 na 4 ndi 5



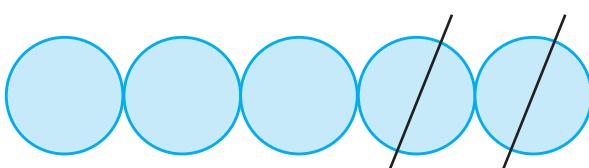
3 na 2 ndi 5



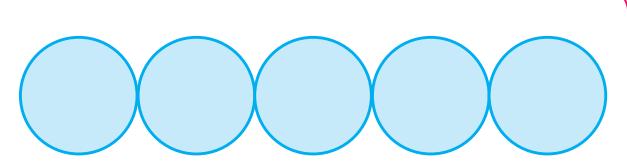
4 na 1 ndi 5



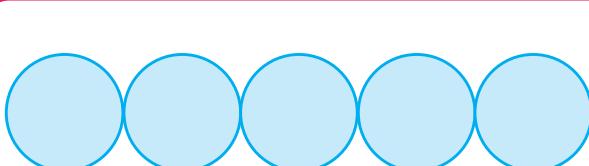
Hwayani malungu ni tshi sumbedza:



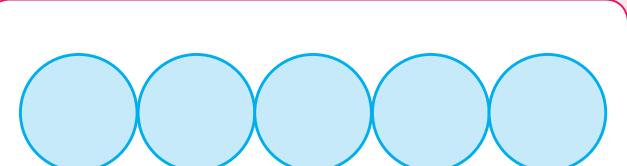
5 tusa 2 ndi 3



5 tusa 1 ndi 4



5 tusa 3 ndi 2

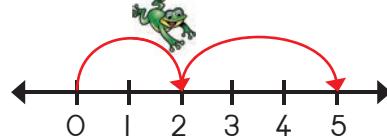


5 tusa 4 ndi 1

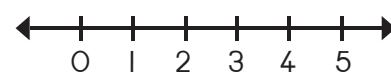
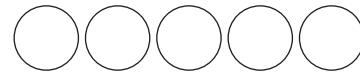


Khalarani malungu. Thusani tshidula uri tshi sumbedze nomboro.

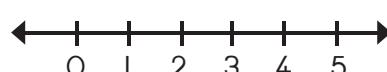
2 na 3 ndi



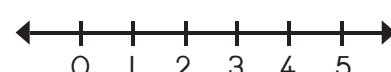
3 na 2 ndi



1 na 4 ndi

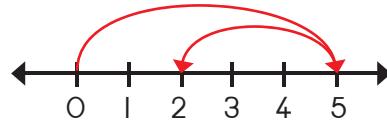


4 na 1 ndi

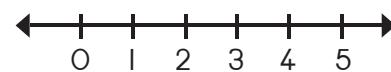


Hwayani malungu ane na a ḫusani ni zwi sumbedze kha mutualombalo.

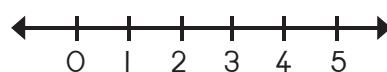
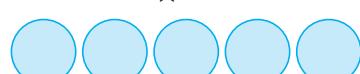
5 ḫusa 3



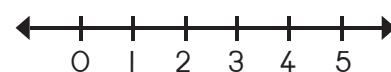
5 ḫusa 2



5 ḫusa 1



5 ḫusa 4



Teacher:
Sign:

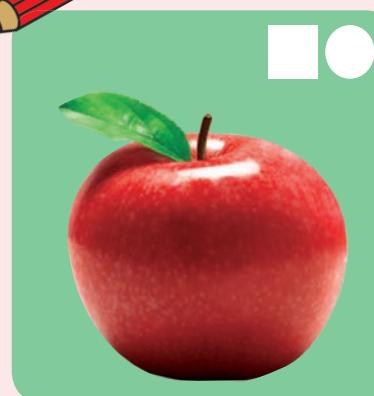
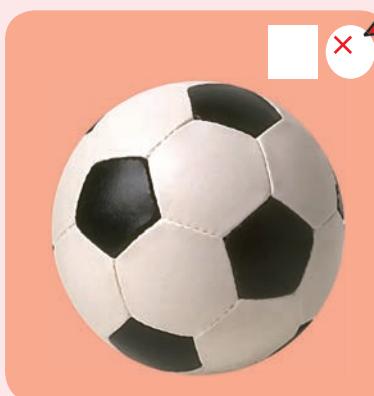
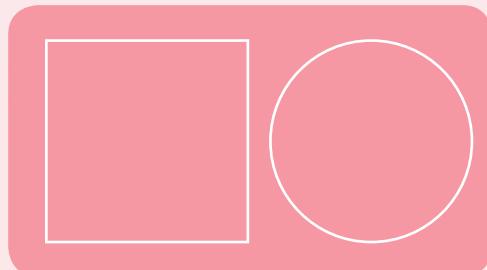
Date:





Ndi zwifhio kha izwi zwi no nga zwibogisi?
Ndi zwifhio kha izwi zwi no nga bola?
Ndi tshifhio tshi no kunguluwa nahone ndi
tshifhio tshi no swenda?

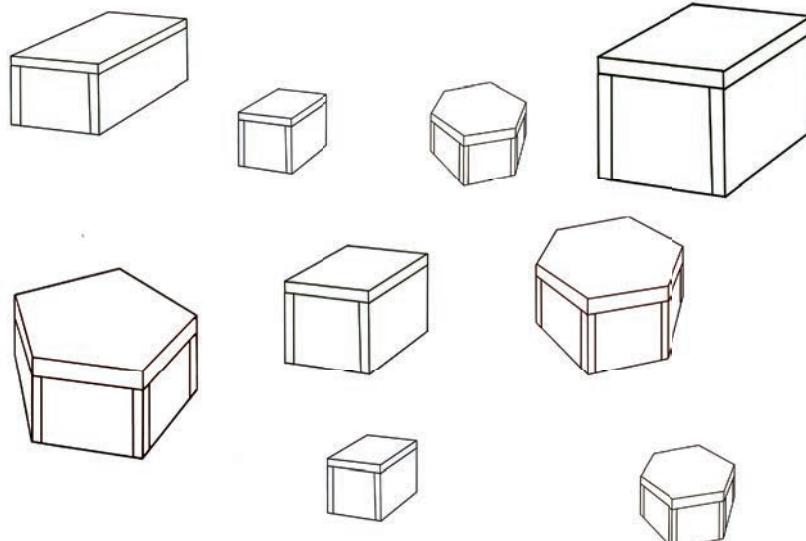
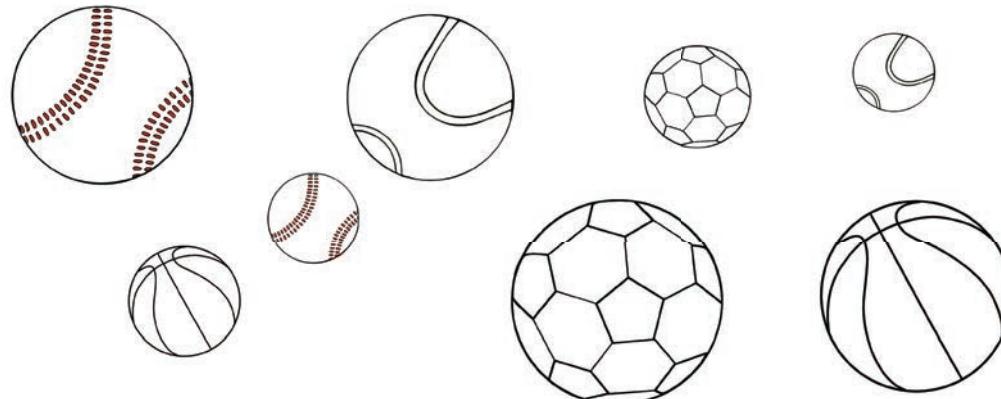
Bola na zwibogisi





Khalarani:

- zwibogisi zwituku na bola tswuku
- zwibogisi zwiwlwane na bola dza lutombo



Tevhedzelani maipfi.

tshibogisi

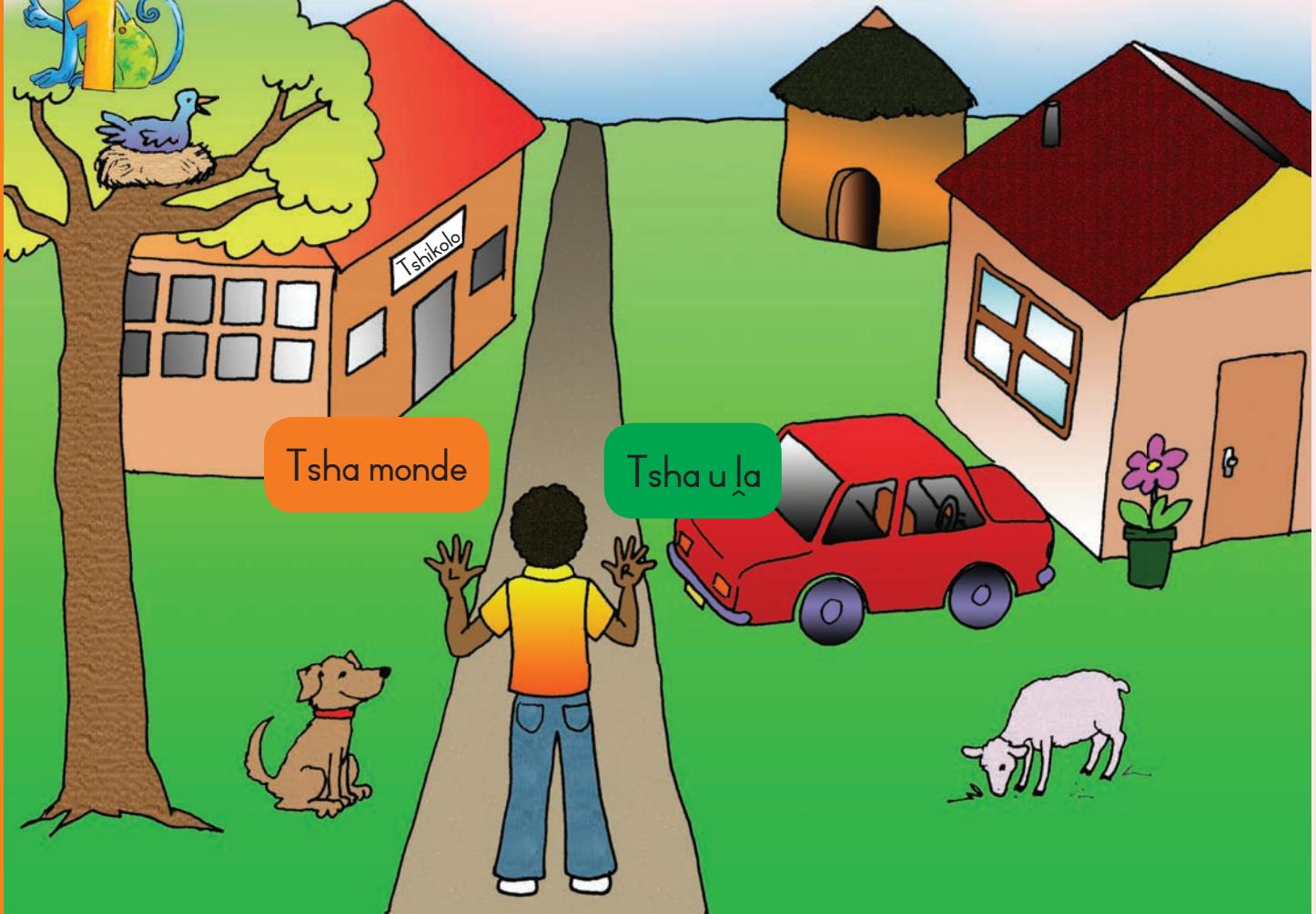
bola

Teacher:
Sign:
Date:

24a

Themo ya |

Tsha monde na tsha u la



Tsha monde

Tsha u la

	Tsha monde	Tsha u <u>la</u>
Muri u kha tshanda tshawe	<input type="checkbox"/>	<input type="checkbox"/>
Goloi i kha tshanda tshawe	<input type="checkbox"/>	<input type="checkbox"/>
Nndu i kha tshanda tshawe	<input type="checkbox"/>	<input type="checkbox"/>
Tshiloni tshi kha tshanda tshawe	<input type="checkbox"/>	<input type="checkbox"/>
Tshitaha tshi kha tshanda tshawe	<input type="checkbox"/>	<input type="checkbox"/>

	Tsha monde	Tsha u <u>la</u>
Mmbwa i kha tshanda tshawe	<input type="checkbox"/>	<input type="checkbox"/>
Nngu i kha tshanda tshawe	<input type="checkbox"/>	<input type="checkbox"/>
Randavhula i kha tshanda tshawe	<input type="checkbox"/>	<input type="checkbox"/>
Tshikolo tshi kha tshanda tshawe	<input type="checkbox"/>	<input type="checkbox"/>
Maluvha a kha tshanda tshawe	<input type="checkbox"/>	<input type="checkbox"/>



Tangedzelani tshanda tsha
mutukana tsha u la.
Tangedzelani mulenzhe wa
mutukana wa monde.
Tangedzelani mulenzhe wa
mutukana wa tsha u la.

Tangedzelani tshanda tsha
musidzana tsha u la.
Tangedzelani mulenzhe wa
musidzana wa monde.
Imani sa uyu musidzana ni sumbe
tshanda tshanu tsha monde.



Itani ndowendowe ya u nwala nomboro idzi.



3



Teacher:
Sign:
Date:

24b

Themo ya |



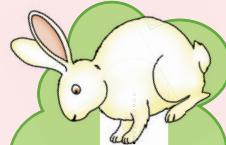
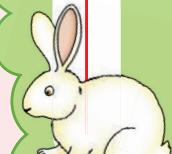
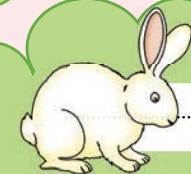
Ndila

Thusani muvhudu uri u wane kherotsi. U tea u khonela kha tsha monde kana kha tsha u la.

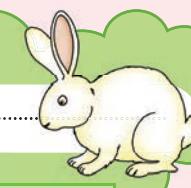
tsha monde	tsha u la
<input checked="" type="checkbox"/>	



tsha monde	tsha u la



tsha monde	tsha u la



tsha monde	tsha u la



tsha monde	tsha u la





Khałarani ipfi lōne li no yelana na musevhe.

	nga n̄tha	kha tsha monde	nga fhasi	kha tsha ūla
	nga n̄tha	kha tsha monde	nga fhasi	kha tsha ūla
	nga n̄tha	kha tsha monde	nga fhasi	kha tsha ūla
	nga n̄tha	kha tsha monde	nga fhasi	kha tsha ūla



Tagedzelani musevhe u no yelana na wa u thoma kha rou.



Teacher:
Sign:
Date:





Ufhatā na u padula nomboro

Nwalani nomboro dzo teaho tshibulokoni tshiñwe na tshiñwe.



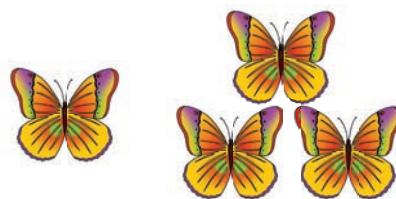
2 na 1 ndi 3



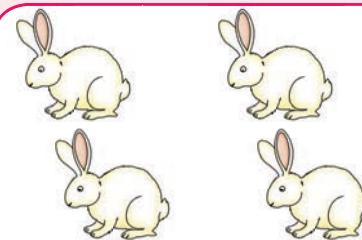
na ndi



na ndi



na ndi



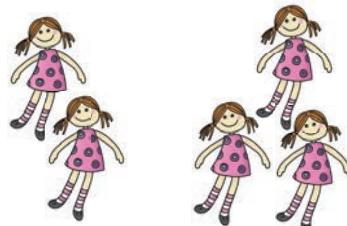
na ndi



na ndi



na ndi

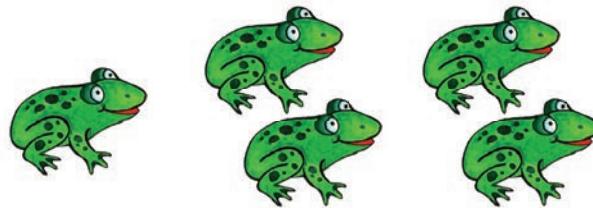


na ndi

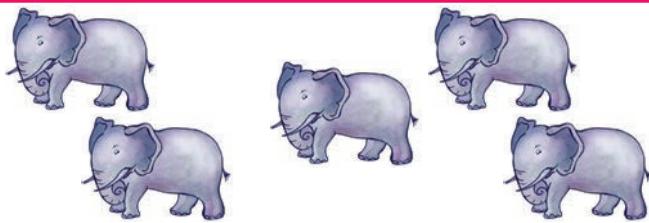




Zwino edzisani hezwi.



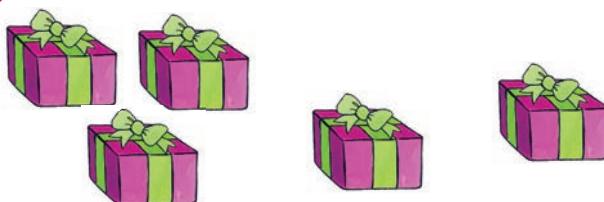
na na ndi



na na ndi



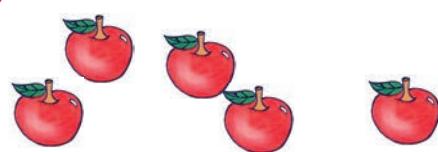
na na ndi



na na ndi



na na ndi



na na ndi



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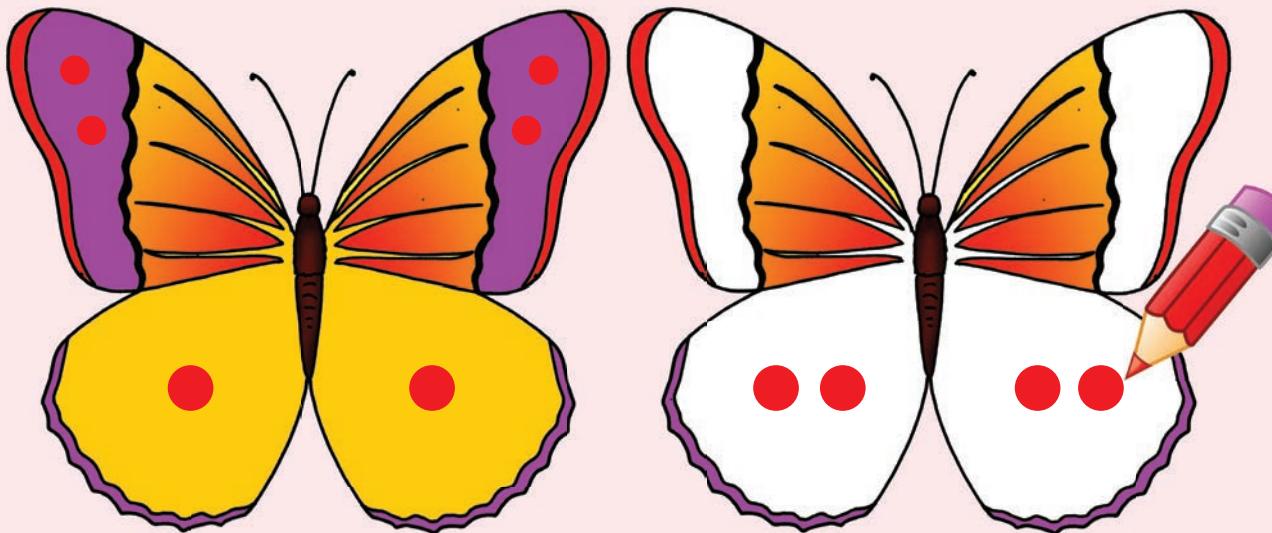
26

Themo ya |

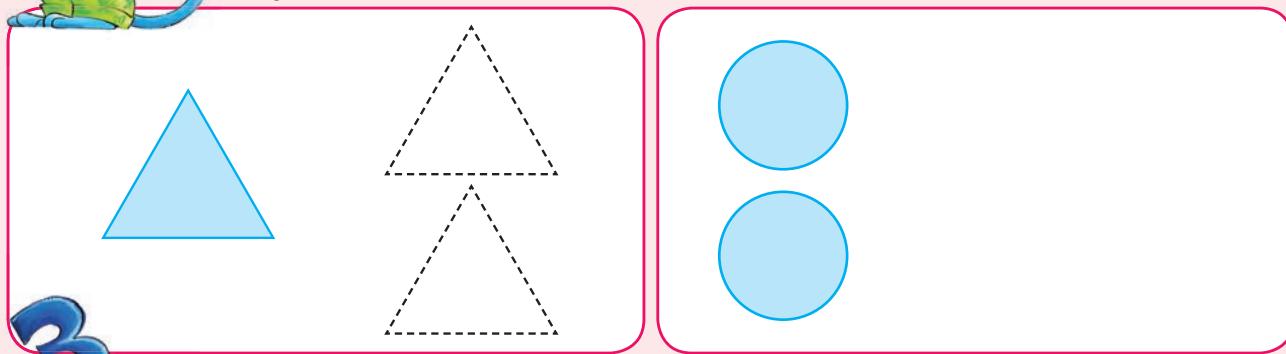


Nyingakavhili dza mučanganyo

Zwithoma zwivhili kha mabesu.



U inga kavhili zwivhumbeo.



Olani ni riwale nomboro.

Nyingakavhili ya ndi

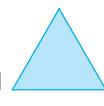
Nyingakavhili ya I ndi

Nyingakavhili ya ndi

Nyingakavhili ya ndi



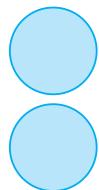
Olani ni የውለ nomboro.

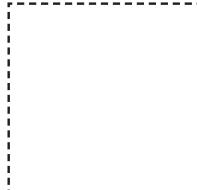
Nyingakavhili ya  ndi



Nyingakavhili ya  1 ndi  2

 ተanganya na  1 ndi 

Nyingakavhili ya  ndi



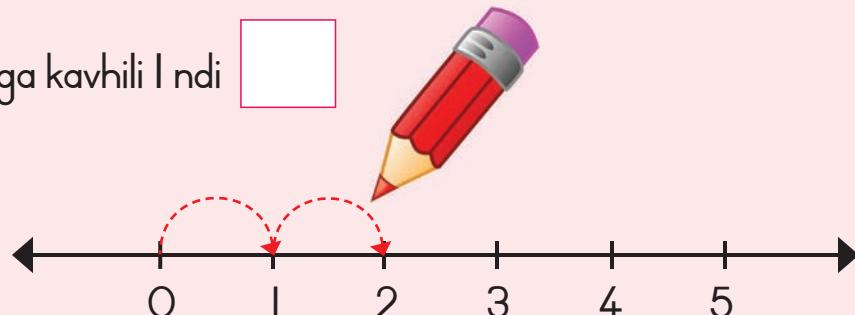
Nyingakavhili ya  ndi 

 ተanganya na  ndi 

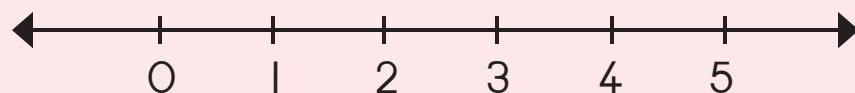


Sumbedzani zwi tevhelaho kha mutalombalo

Uinga kavhili 1 ndi 



Uinga kavhili 2 ndi 



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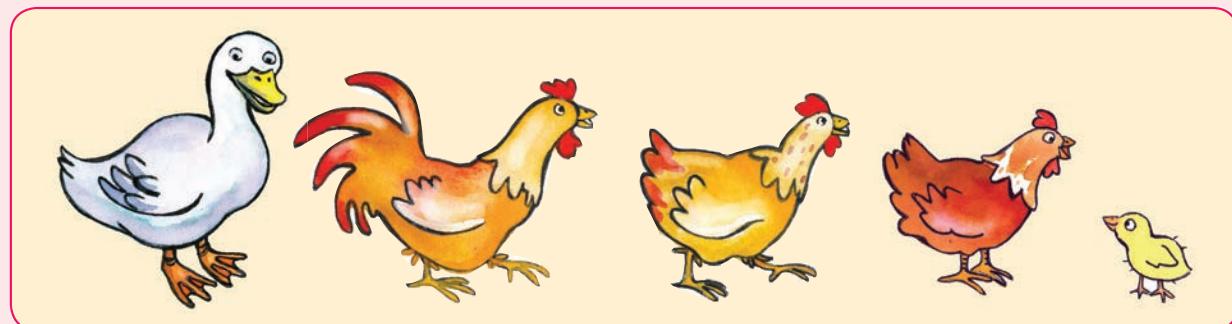
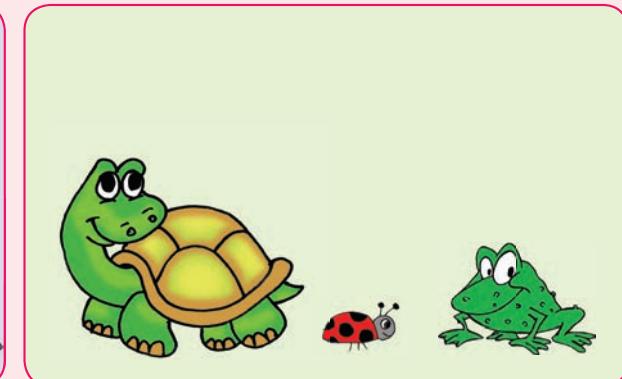
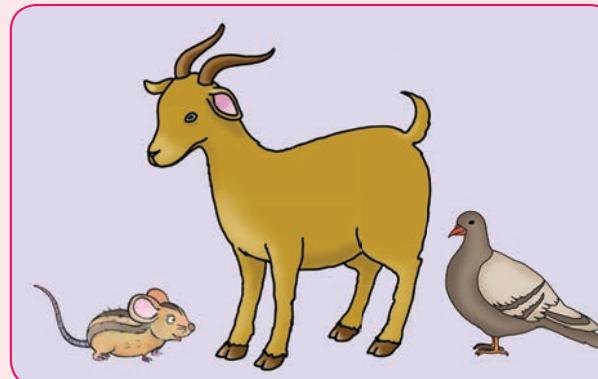
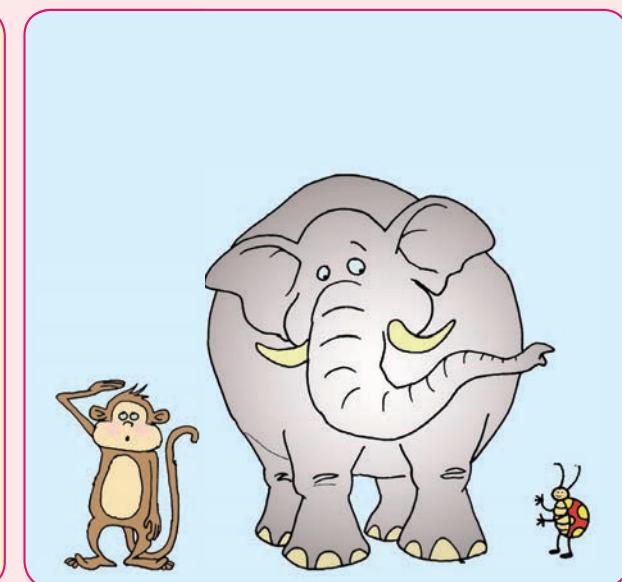
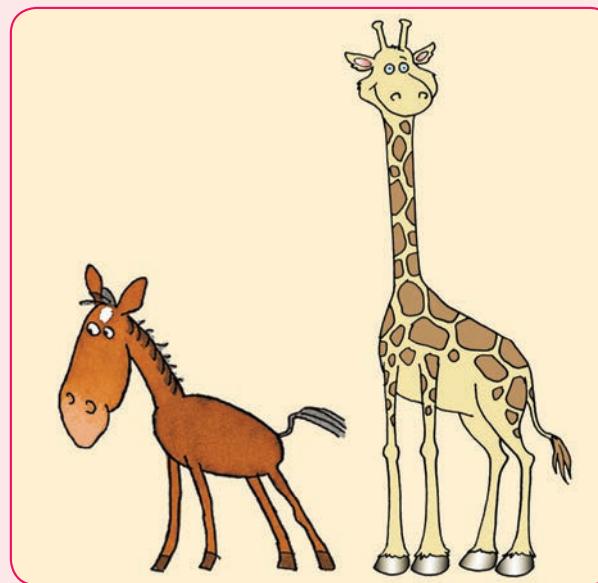
Date:



Zwihulwame na zwi \bar{t} uku

● Tangedzelani phukha khulwane nga muvhala mutswuku.

■ Olani tshitendeledzi u mona na tshipuka tshitukusa tshibogisini tshi \bar{w} e na tshi \bar{w} e.



khulwane

\bar{t} hukhu

khulukhulu

\bar{t} hukhuthukhu



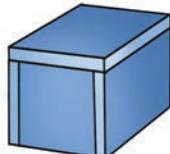
Olani bola khulwane.



Olani bola t̄hukhu.



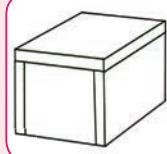
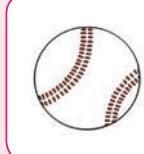
Olani tshibogisi
tshituku.



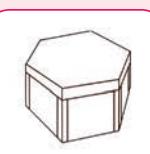
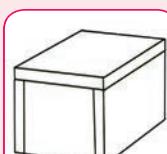
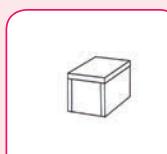
Olani tshibogisi
tshihulwane.



Khalarani.



Khalarani.

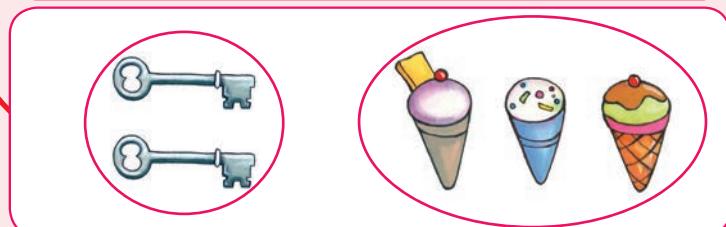
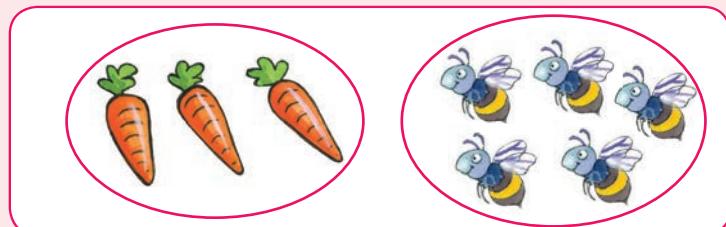


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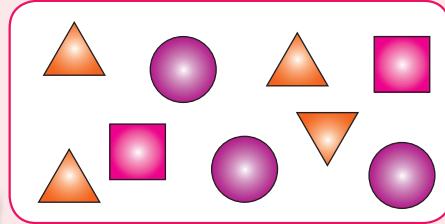
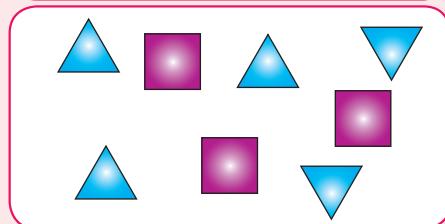
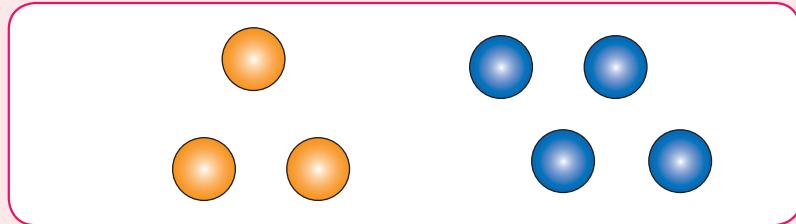
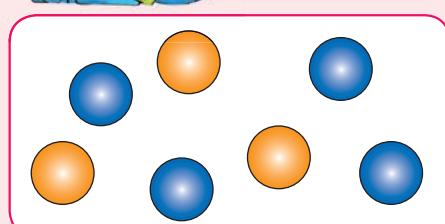
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Vhekanyani zwithu

Livhanyani zwithu zwo vhekanyiwaho na zwifanyiso.

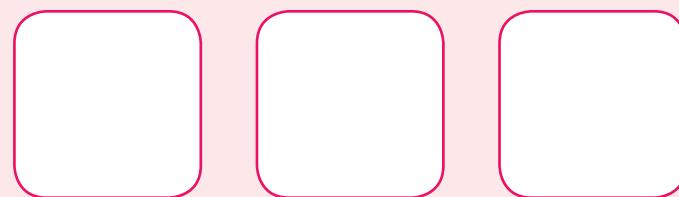
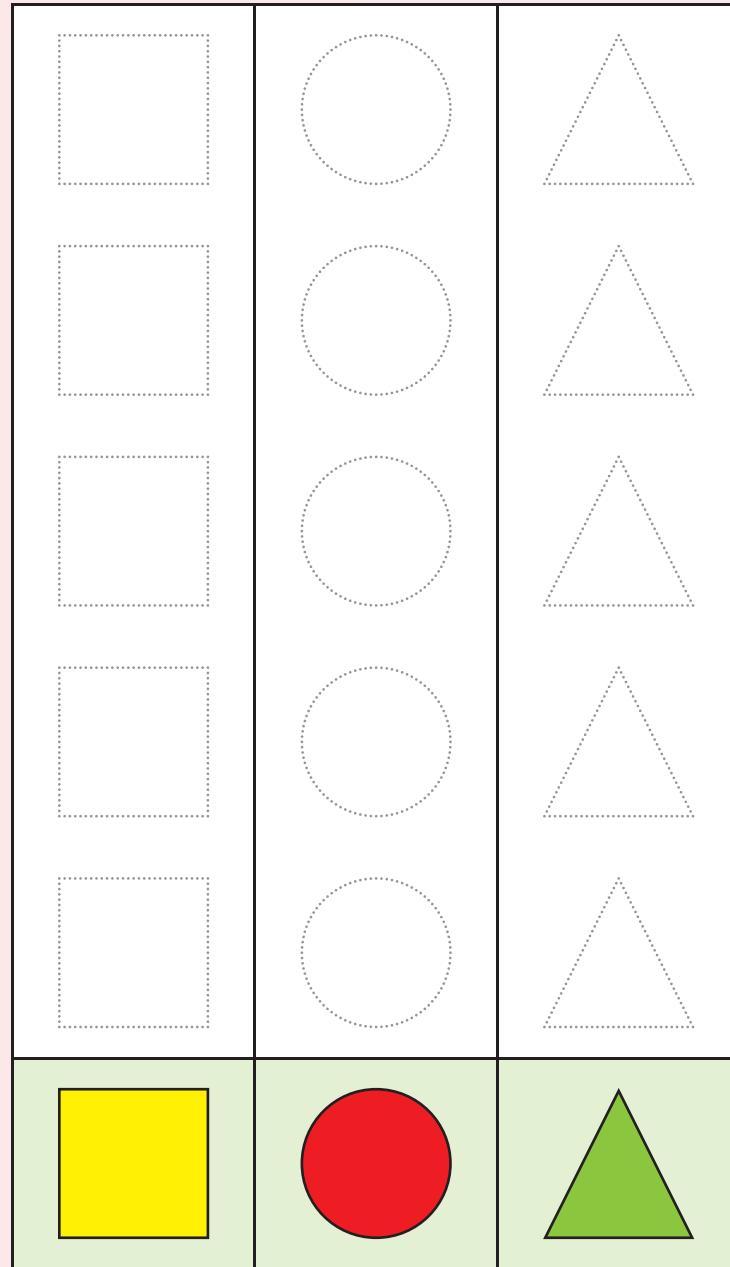
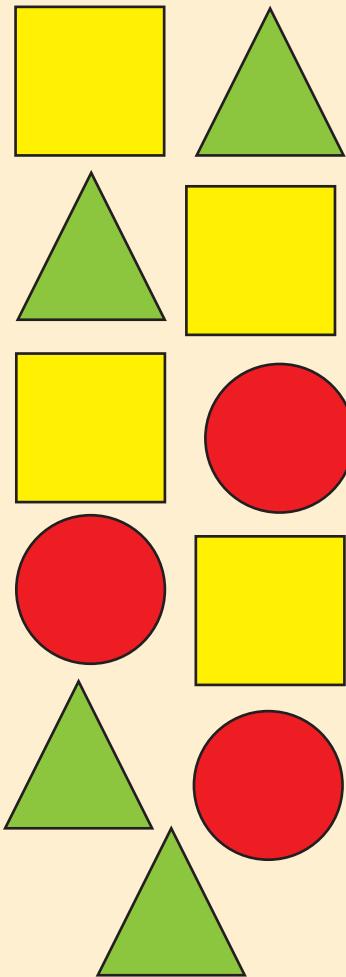


Vhekanyani nga u ola nyolo ya tshiñwe na tshiñwe.





Olani hafhu zwivhumbeo zwi re kha girafu ya zwifanyiso ni riwale nomboro ya tshiñwe na tshiñwe nga fhasi.



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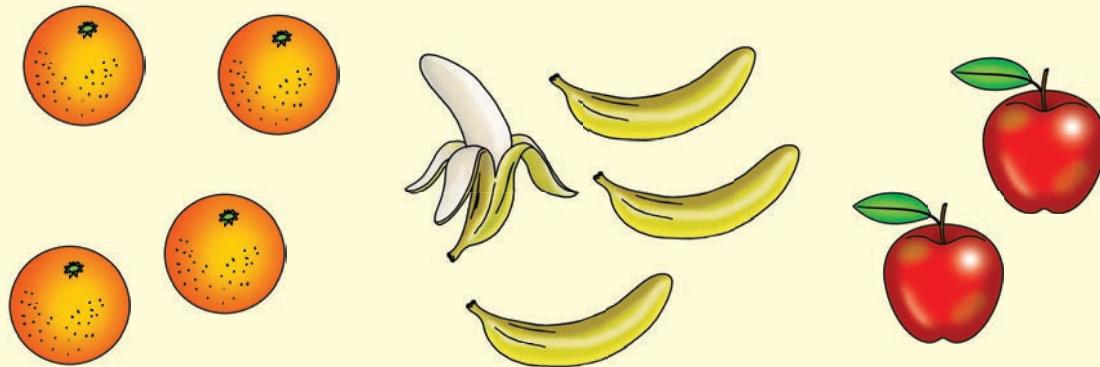
29

Themo ya |



Kha ri kovhekane zwi tshi lingana

Vhalani maswiri, miomva na maapula ni ñwale tshivhalo tshazwo kha zwibuloko.



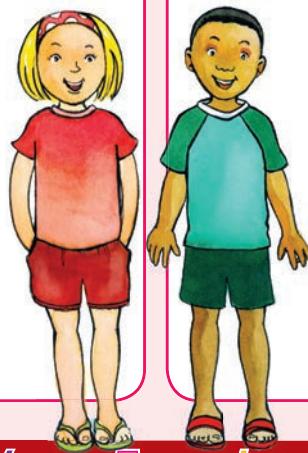
4

maswiri

miomva

maapula

Kovhani ni ole maswiri, miomva na maapula zwi tshi lingana vhana.

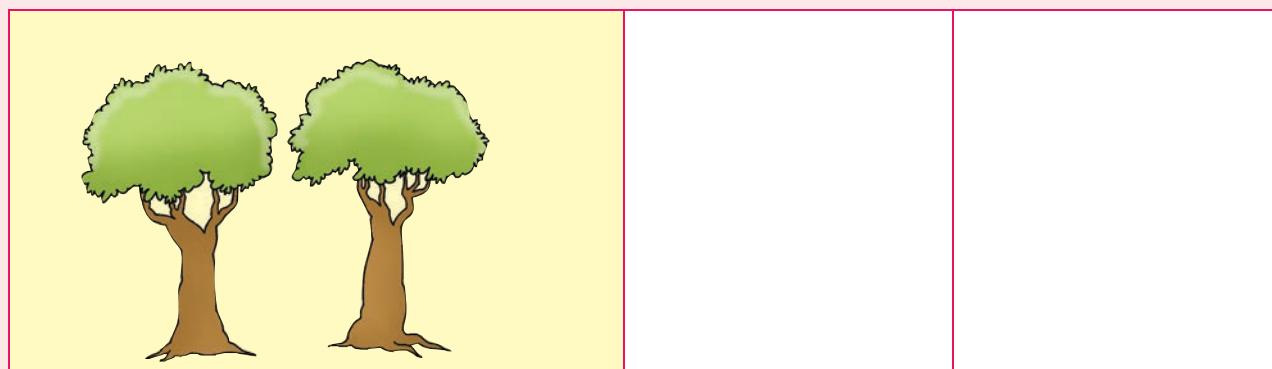




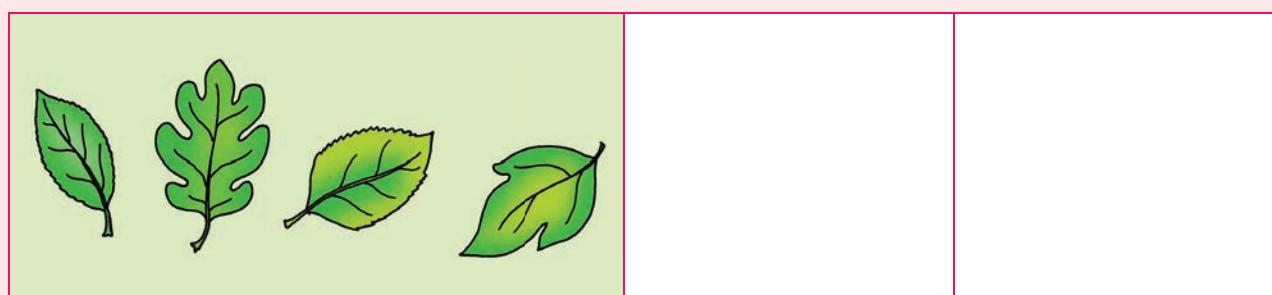
Kovhani izwi zwithu mabogisini mavhili.
Olani izwi zwigwada zwivhili mabogisini mavhili.



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



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



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



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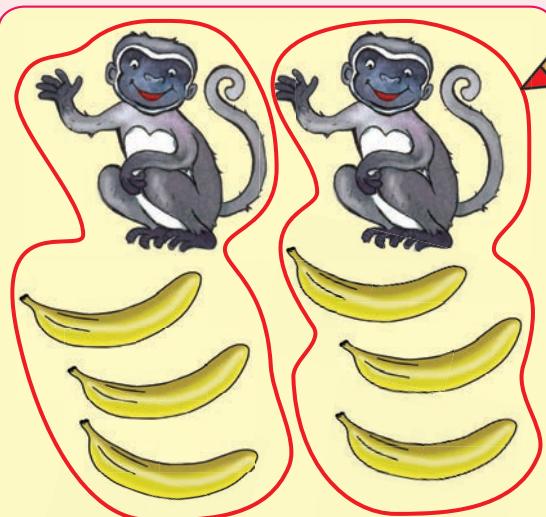
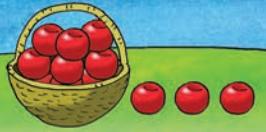
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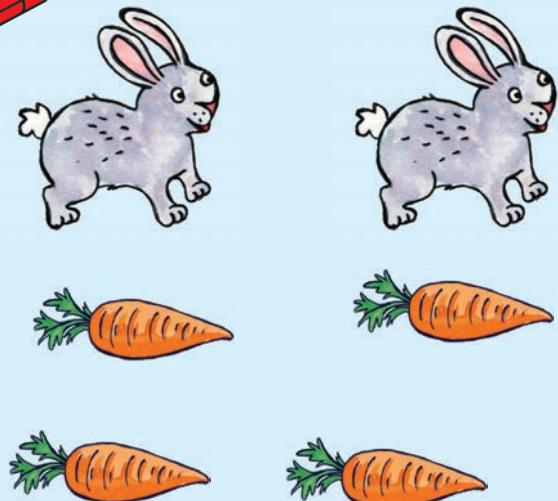
U kovhana zwi tshi lingana

Tangedzelani mitshelo miroho na zwipuka u itela u zwi kovha zwi tshi lingana.

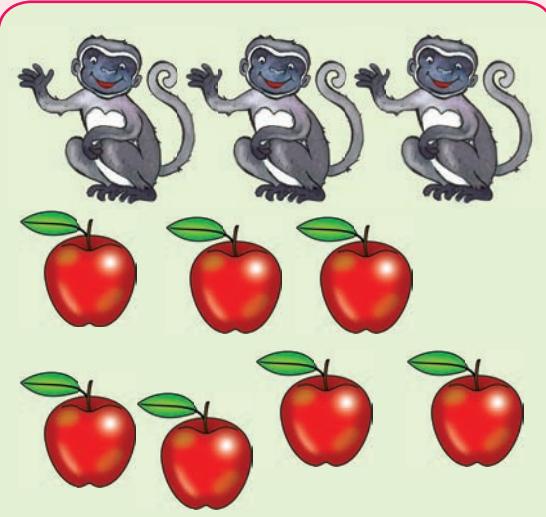


Thoho iñwe na iñwe yo wana miomva mingana?

3

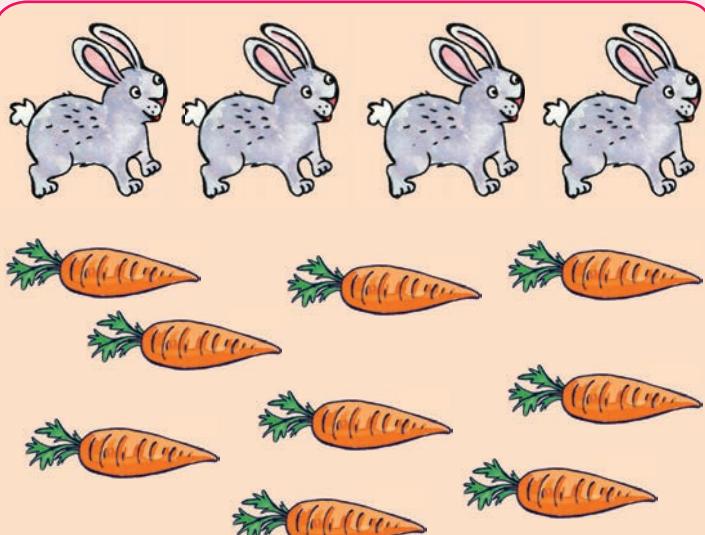


Muvhuða muñwe na muñwe wo wana kherotsi nngana?



Thoho iñwe na iñwe yo wana maapula mangana?

Ho sala mariwe maapula musi o no kovhiwa a tshi lingana?



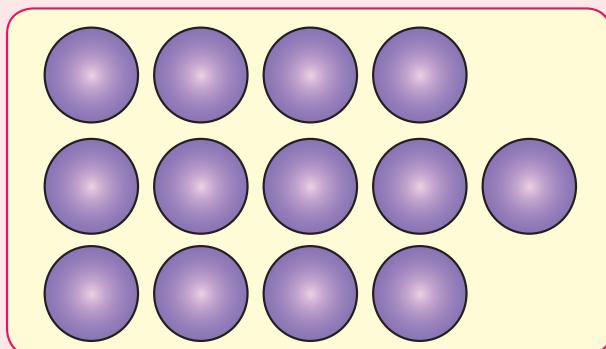
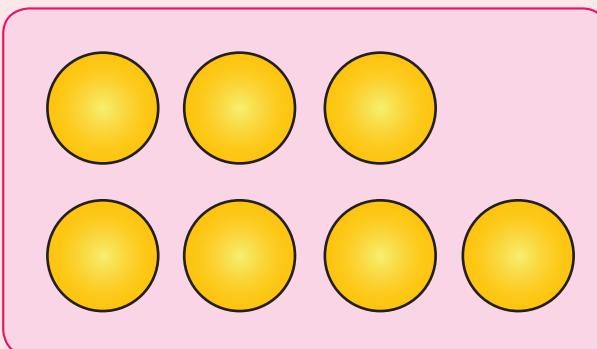
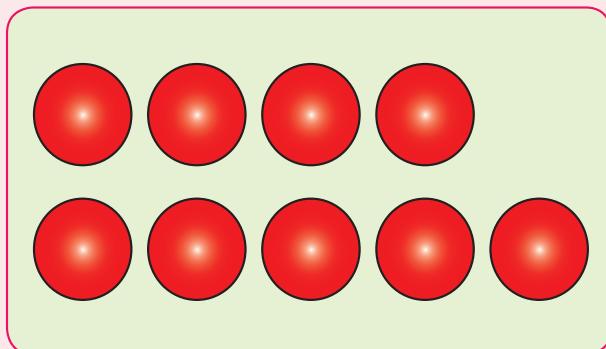
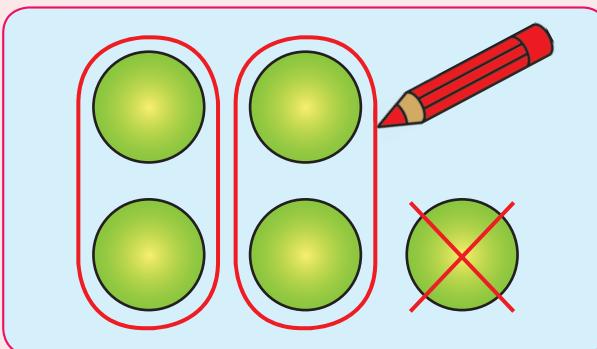
Muvhuða muñwe na muñwe wo wana kherotsi nngana?

Ho sala dziñwe kherotsi musi dzo no kovhiwa dzi tshi lingana?

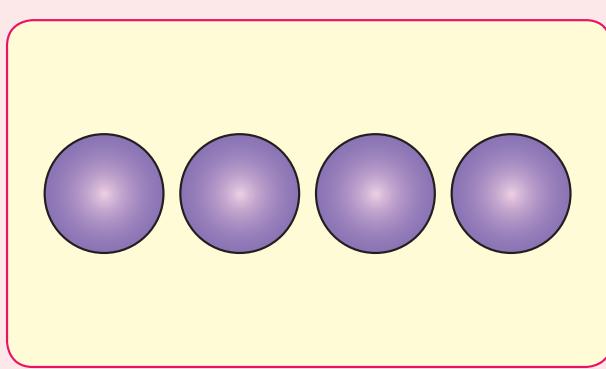
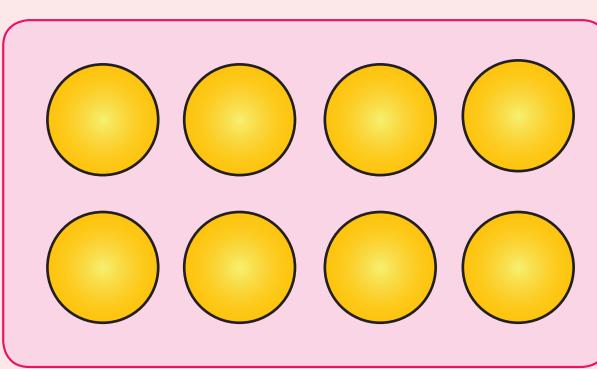
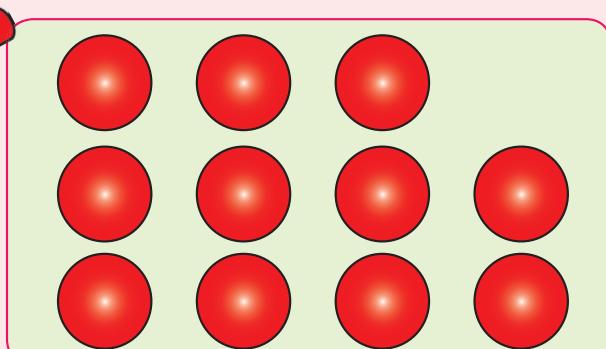
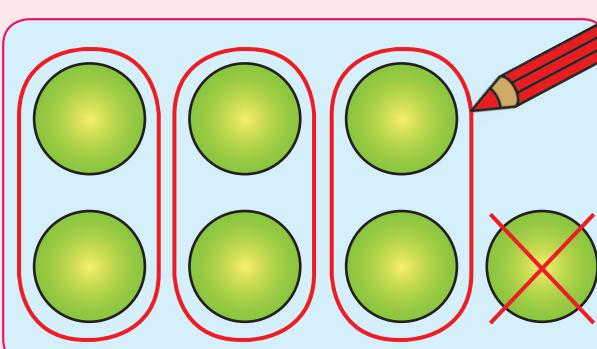




Vhekanyani zwivhaleli zwi kha zwigwada zwivhili zwi no lingana ni ite tshifhambano
kha zwivhaleli zwo salaho.



Vheani zwivhaleli kha zwigwada zwiraru zwi no lingana ni ite tshifhambano kha zwivhaleli zwo salaho.



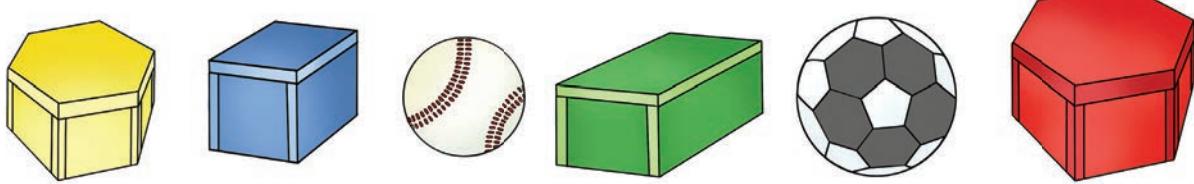
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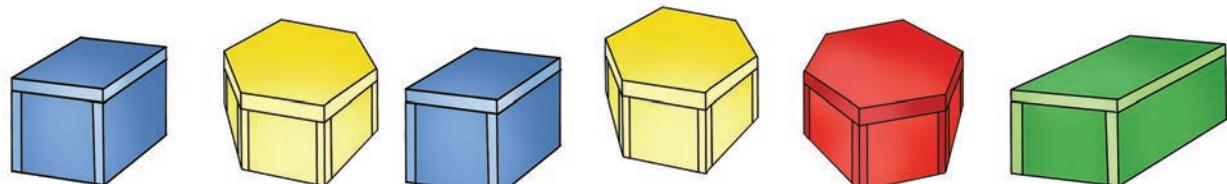
Ni nga kona u fhaṭa thawara nga zwithu zwi tevhelaho zwot̄he?
Itani thiki kha ee kana hai.

Ufhaṭa zwithu



Ee

Hayi



Ee

Hayi



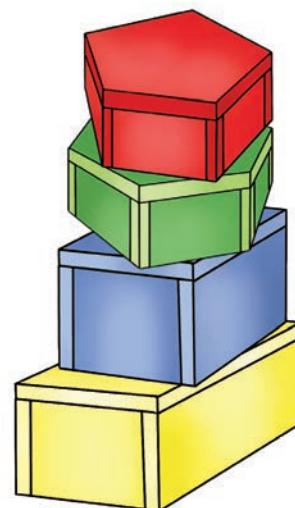
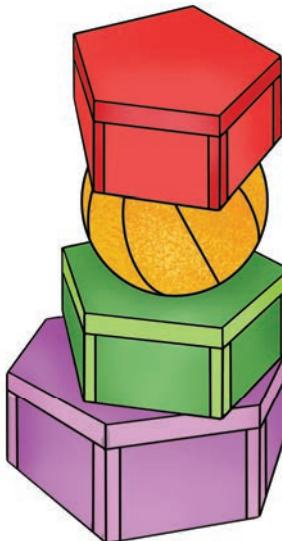
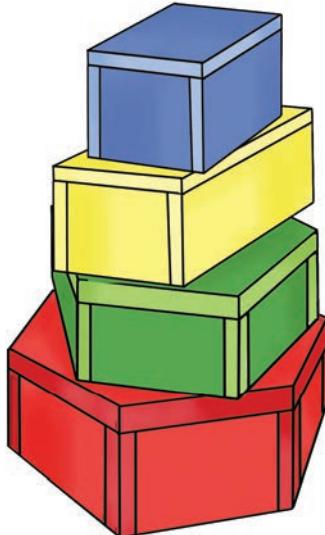
Ee

Hayi





Thawara i do ima kana hai? Itani ✓ kana ✗.



Shumisani maforogisi a fumi na guluu kha u fhaṭa tshifhaṭo tshanu.
Guluu i a leludza zwithu?



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Date:



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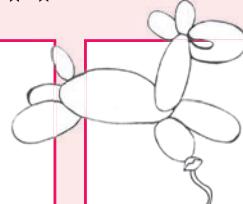
Tevhedzelani miñwedzi ya ñwaha.
Khalarani bañoni ña ñwedzi wa ñuvha ñanu ña mabebo.



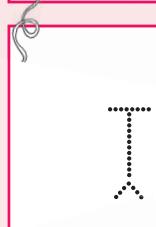
U bula tshifhinga



Phando



Luhuhi



Thafamuhwe



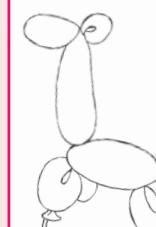
Lambamai



Shundunthule



Fulwi



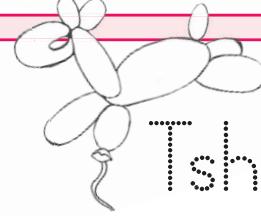
Fulwana



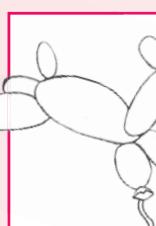
Thangule



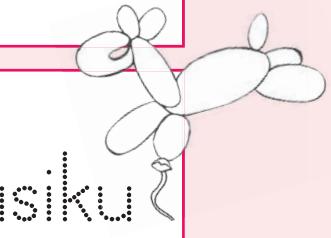
Khubvumedzi



Tshimedzi



Lara



Nyendavhusiku





Tevhedzelani mađuvha a vhege.
Khalarani tshibuloko tshi no sumbedza đuvha la ñamusi.

Musumbuluwo

Lavhuvhili

Lavhuraru

Lavhuña

Lavhutšanu

Mugivhela

Swondaha



Teacher:
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Date:

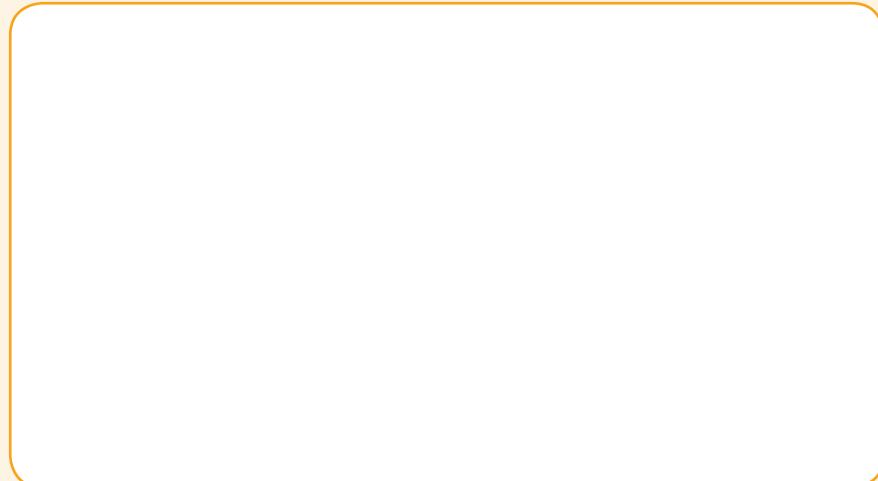
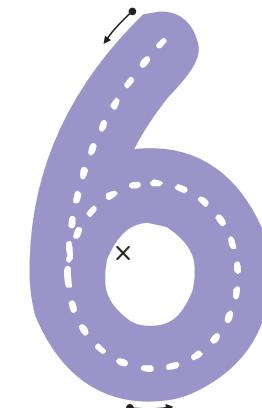
33

Themo ya 2



Olanzi zwitendeleledzi zwa 6 tshibulokoni.

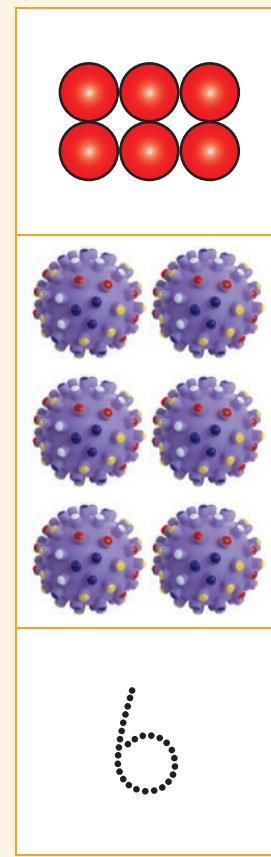
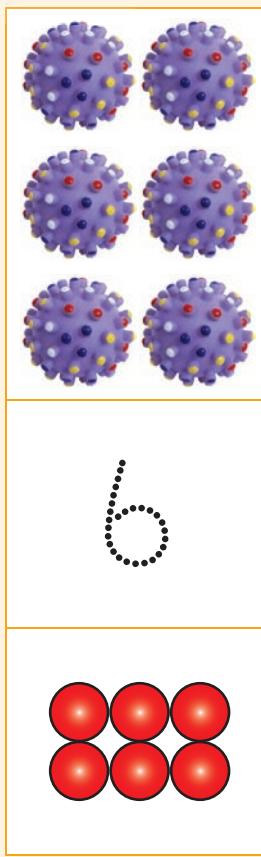
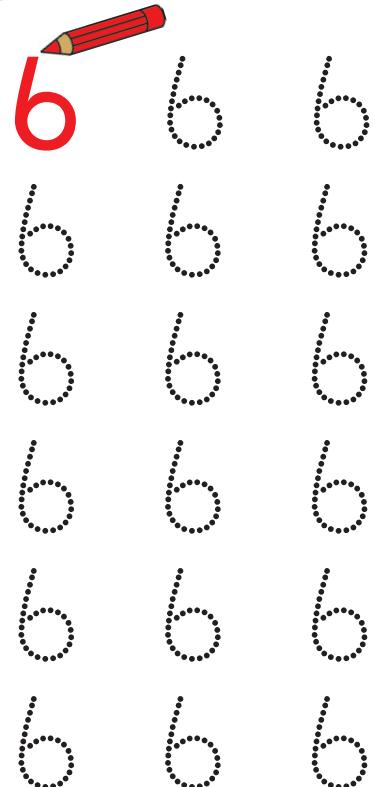
Rathi



Tovhedzelani nomboro.



Livhanyani zwifanyiso.

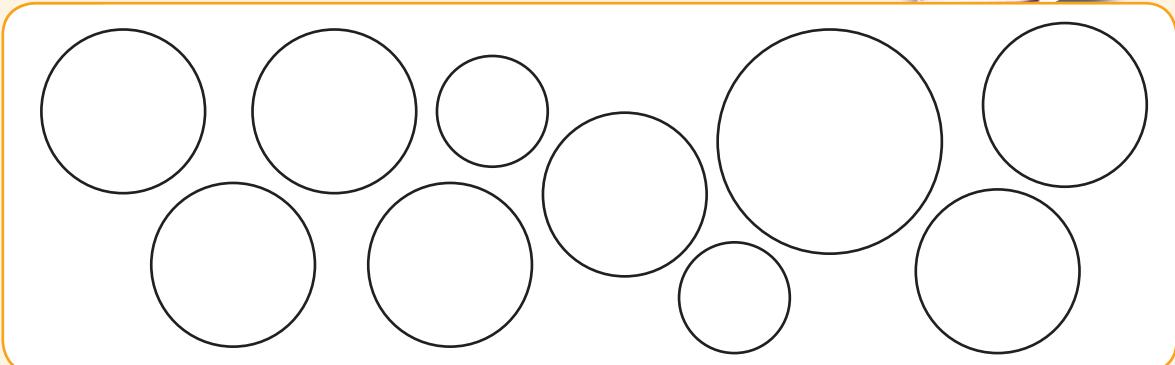


70

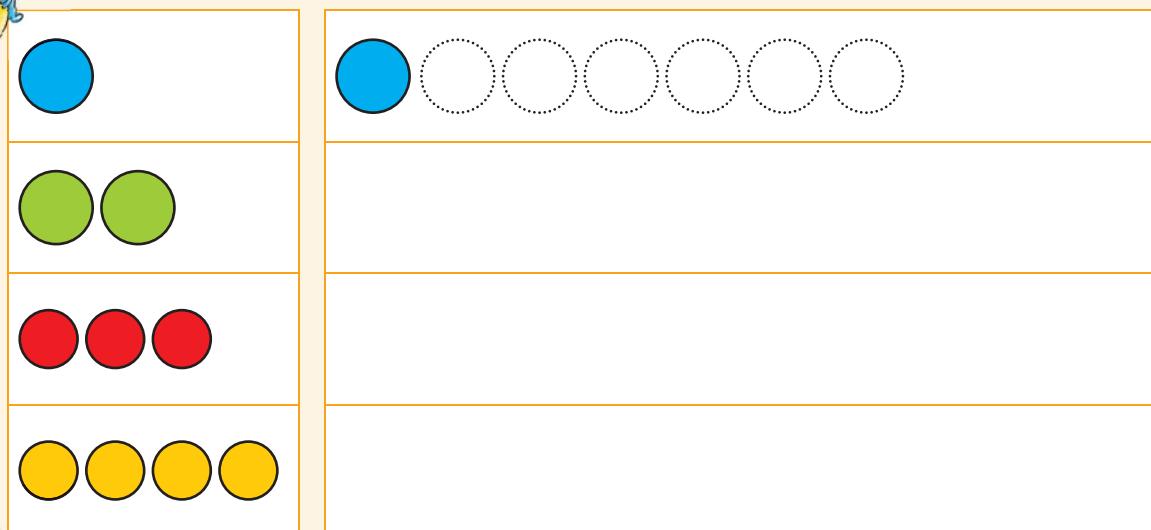
1 2 3 4 5 6 7 8 9 10



Khalarani zwitendeledzi zwa rathi.



Kopani ni ole zwiñwe hafhu zwa rathi.



Itani ndowendowe ya nomboro.



6 rathi



6 6 6 6



Khalarani zwitendeledzi ni khou ralo u zwi vhala.



1 12 13 14 15 16 17 18 19 20



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Themo ya 2



Olani zwikwea zwa sumbe tshibulokoni.

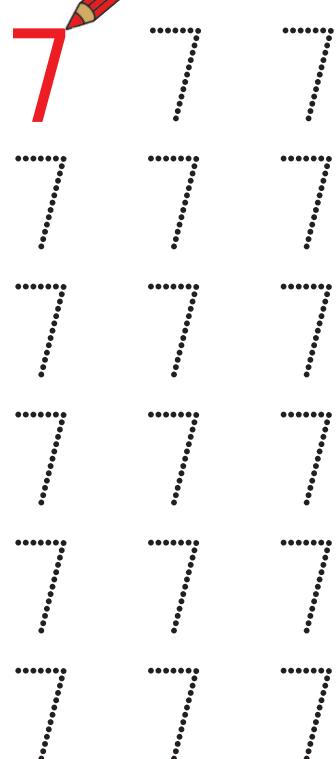
Sumbe



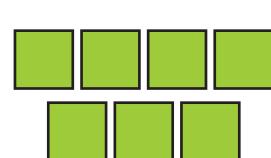
Tovhedzelani nomboro.



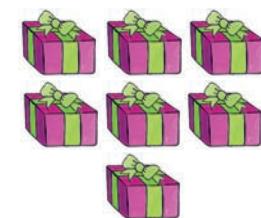
Livhanyani zwifanyiso.



sumbe

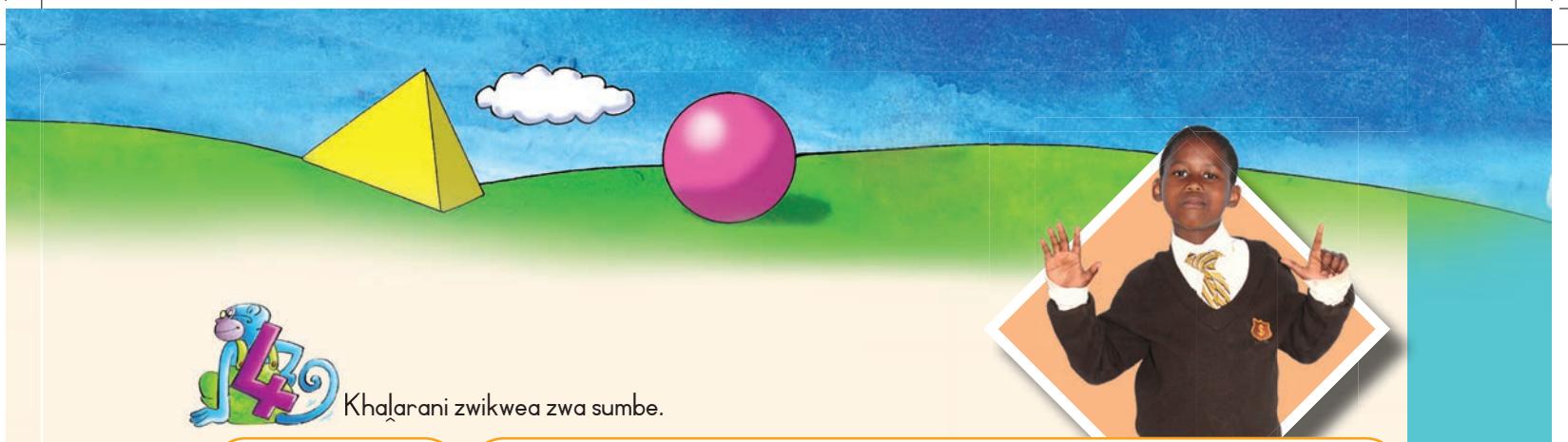


sumbe

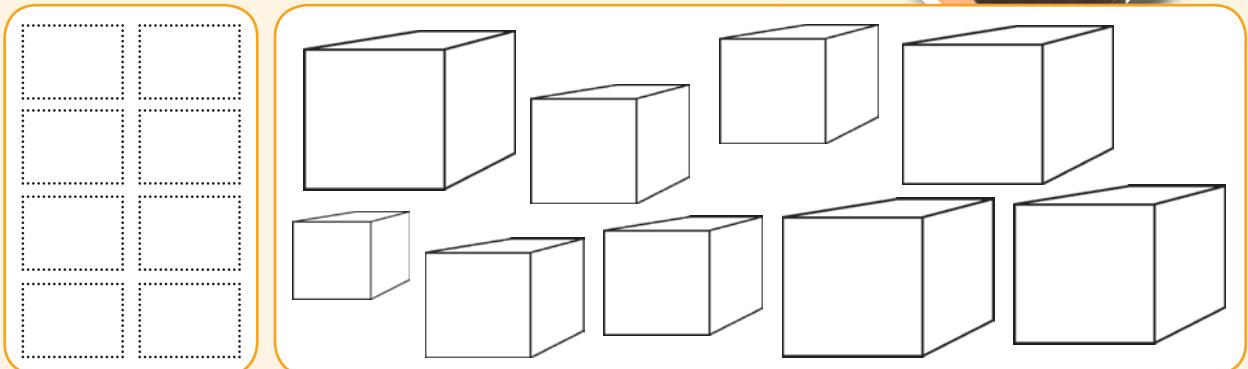


72

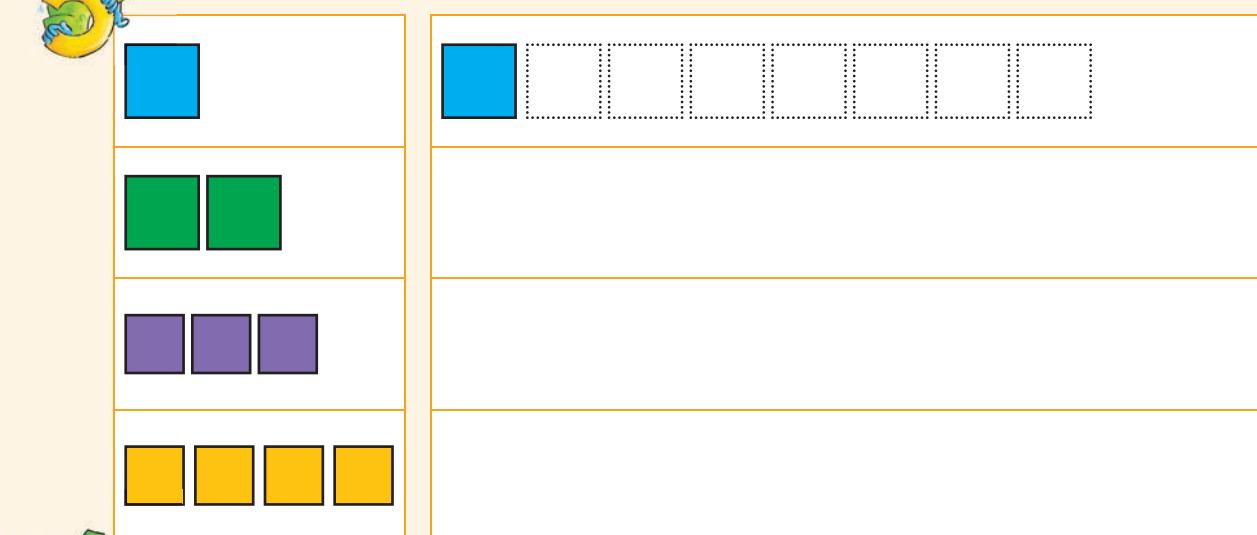
1 2 3 4 5 6 7 8 9 10



Khalarani zwikwea zwa sumbe.



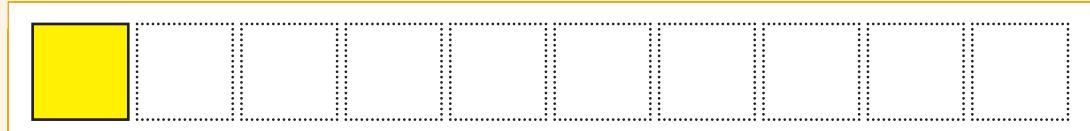
Kopani ni ole zwinzhi nga zwiñwe hafhu zwa sumbe.



Itani ndowendowe ya nomboro.



Khalarani zwikwea ni khou ralo u zwi vhala.



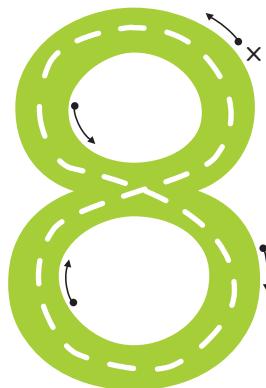
35

Themo ya 2



Olani zwivhumbeo zwa malo tshibulokoni.

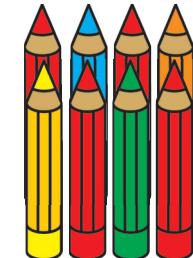
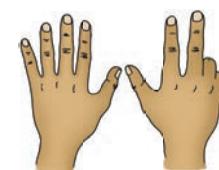
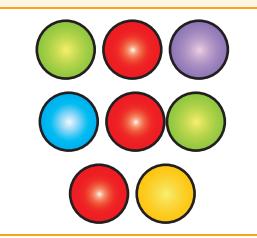
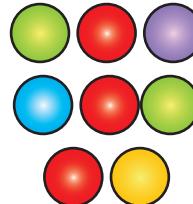
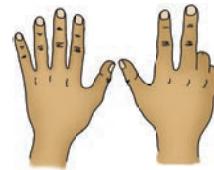
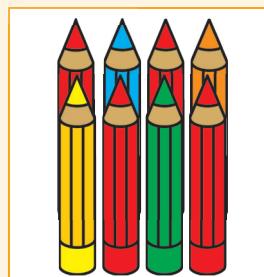
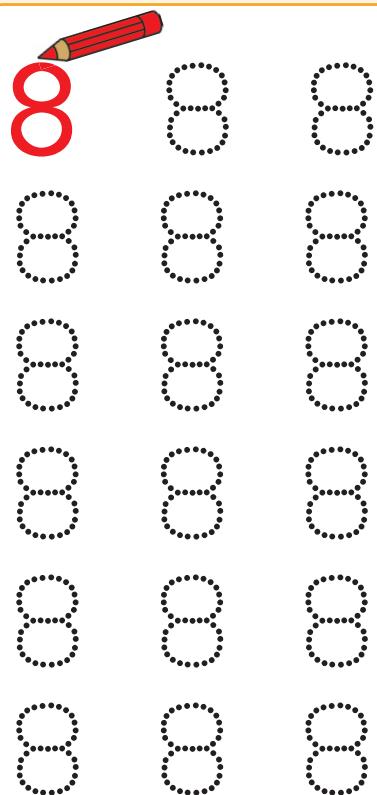
Malo



Tovhedzelani nomboro.



Livhanyani zwifanyiso.



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3

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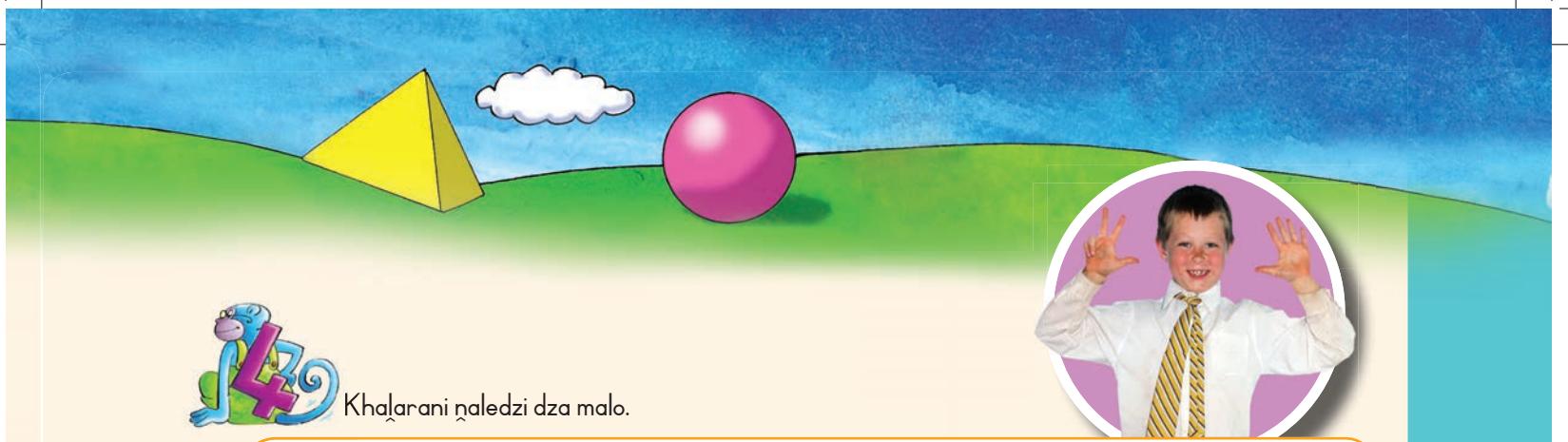
6

7

8

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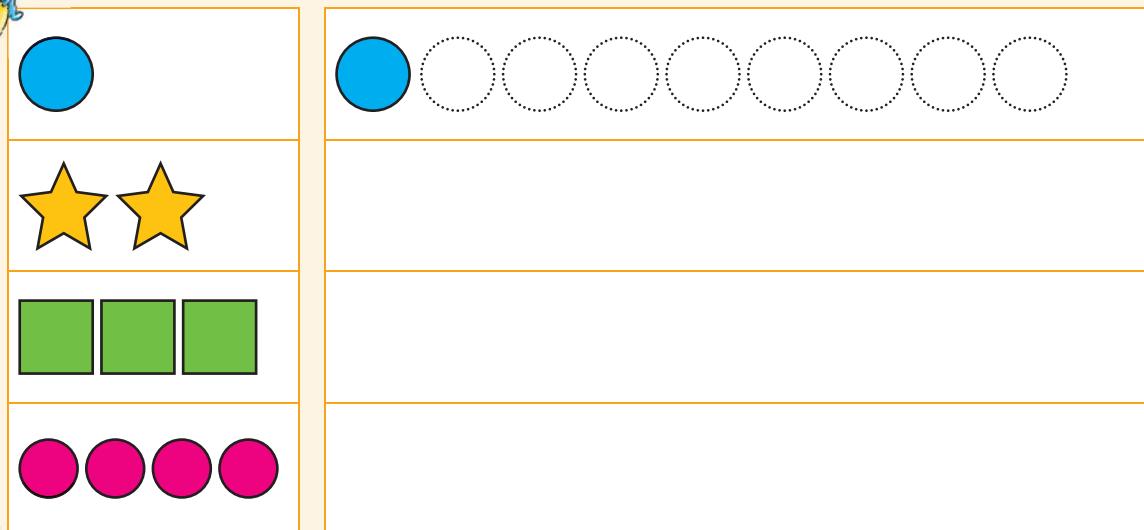
10



Khalarani naledzi dza malo.



Kopani ni ole zwiñwe haf'hu zwa malo.



Itani ndowendowe ya nomboro.



Khalarani zwitendeledzi ni khou ralo u zwi vhala.



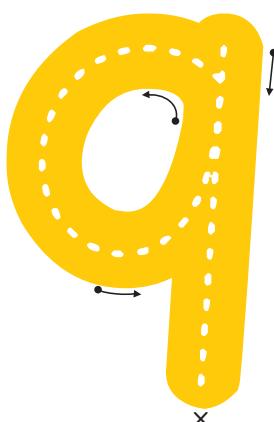
36

Themo ya 2



Olanu mbilu dza ṭahe tshibulokoni.

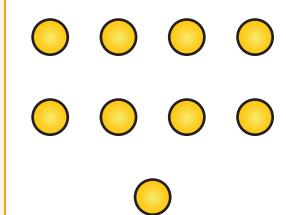
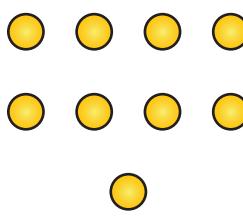
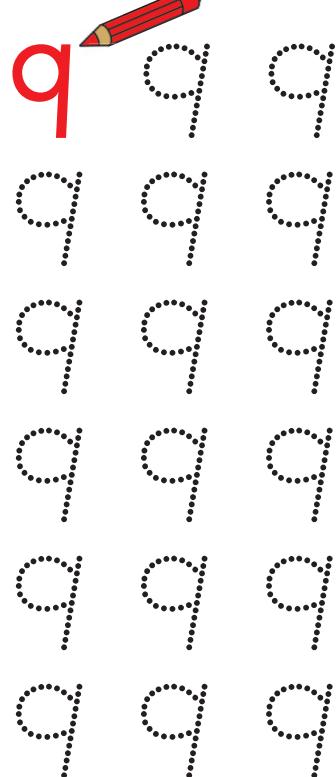
Tahe



Tovhedzelani nomboro.



Livhanyani zwifanyiso.



76

1

2

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4

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6

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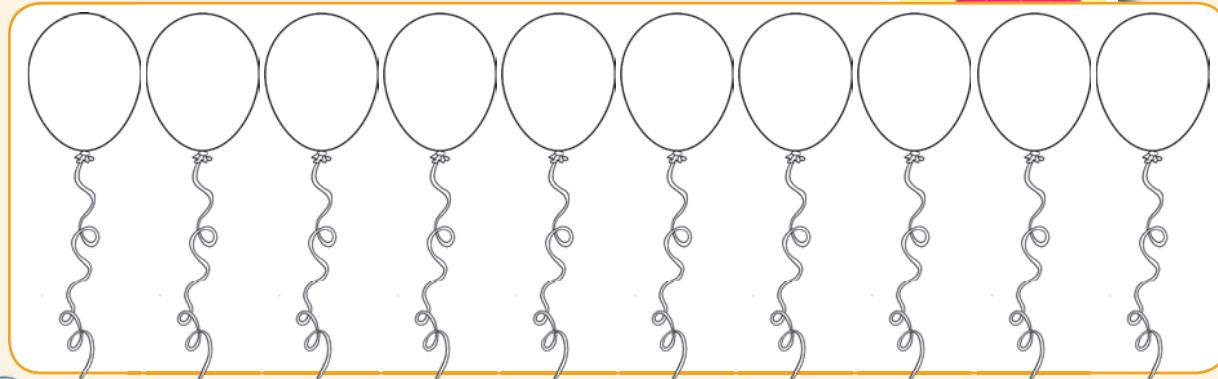
8

9

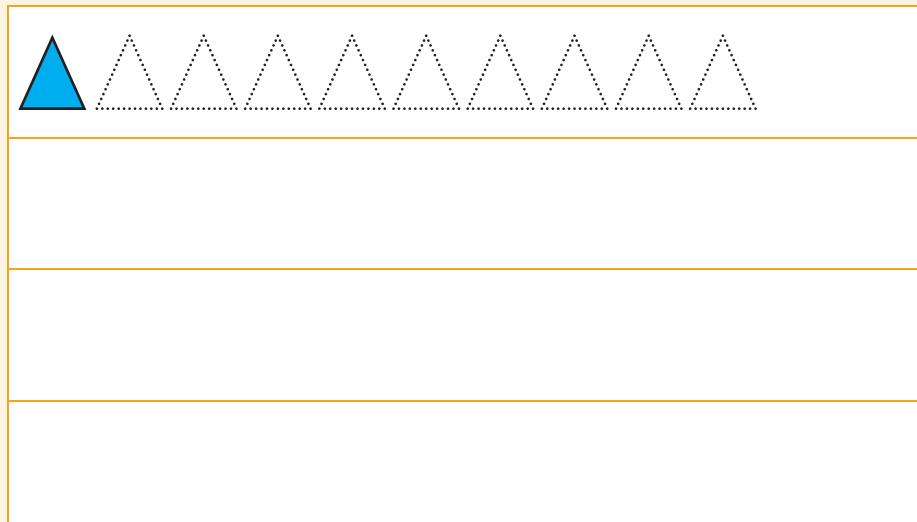
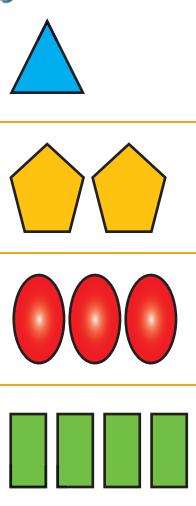
10



Khałarani mabaloni a ṭahe.



Kopani ni ole zwiñwe haf'hu zwa ṭahe.



Itani ndowendowe ya nomboro.



Khałarani thiraingele ni khou ralo u dzi vhala.



1 12 13 14 15 16 17 18 19 20

Teacher:
Sign:

Date:





Zwo ḫala kana a hu na tshithu

Khalaranī phindulō i re yone.
Zwifaredzi zwo ḫala kana a zwi na tshithu?

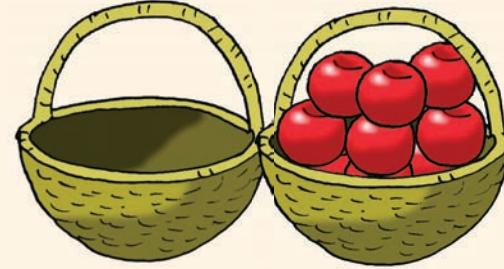


a tshi na
tshithu

tsho ḫala

a tshi na
tshithu

tsho ḫala

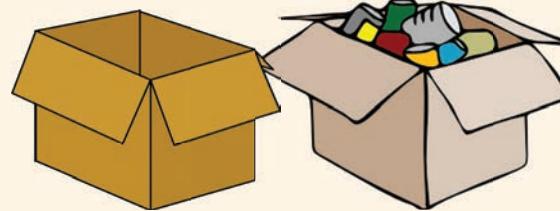


a tshi na
tshithu

tsho ḫala

a tshi na
tshithu

tsho ḫala



a tshi na
tshithu

tsho ḫala

a tshi na
tshithu

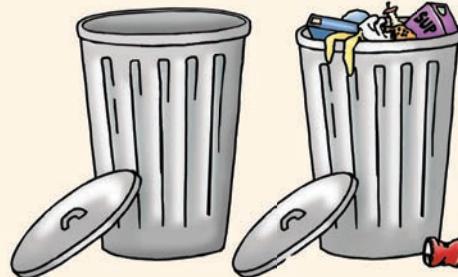
tsho ḫala



a tshi na
tshithu

a tshi na
tshithu

tsho ḫala



a tshi na
tshithu

tsho ḫala

a tshi na
tshithu

tsho ḫala



a tshi na
tshithu

tsho ḫala

a tshi na
tshithu

tsho ḫala

zwo ḫala

a zwi na
tshithu



a tshi na
tshithu

tsho ḫala

a tshi na
tshithu

tsho ḫala



Khalārani phindulo i re yone.
Zwifaredzi zwo ḫala kana a zwi na tshithu?

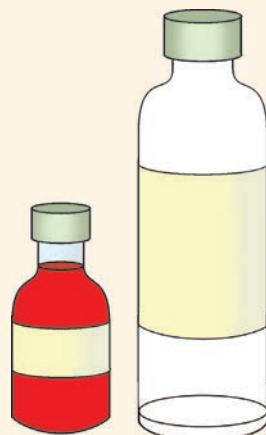
a hu na
tshithu

ᬁ
dala



a hu na tshithu ḫala

a hu na tshithu ḫala



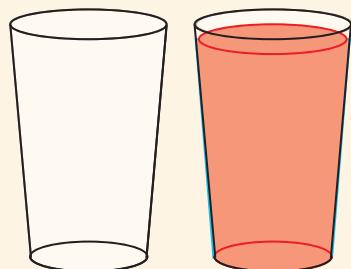
a hu na tshithu ḫala

a hu na tshithu ḫala



a hu na tshithu ḫala

a hu na tshithu ḫala



E

a hu na tshithu ḫala

a hu na tshithu ḫala



a hu na tshithu ḫala

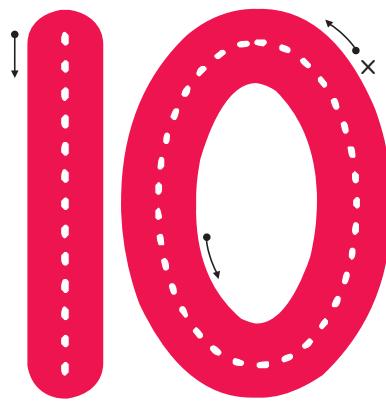
a hu na tshithu ḫala

Teacher:
Sign:

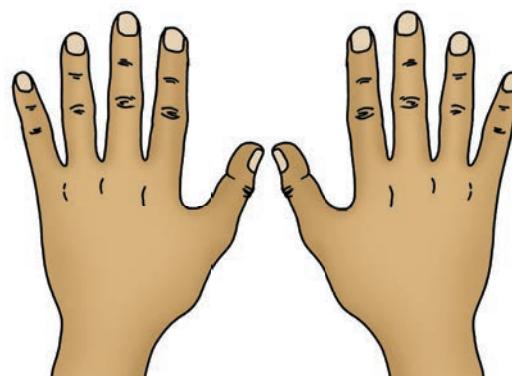
Date:



Vhalani minwe i re kha zwanda vhuvhili hazwo.



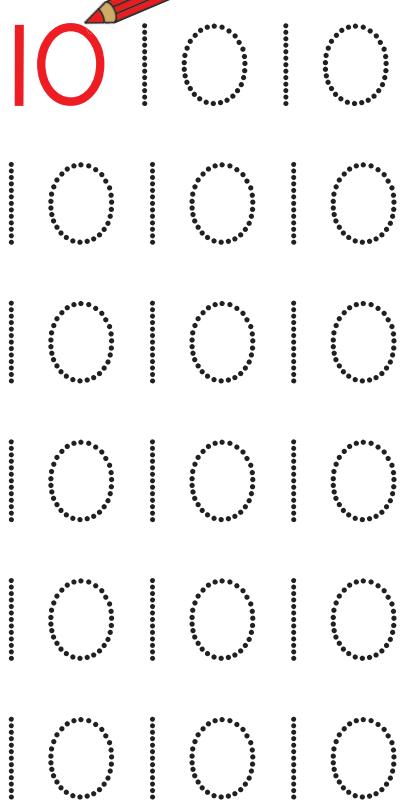
1 2 3 4 5 6 7 8 9 10



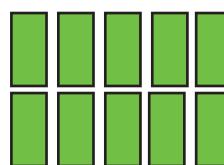
Tovhedzelani nomboro.



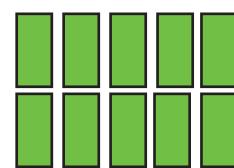
Livhanyani zwifanyiso.



10 :::::



10



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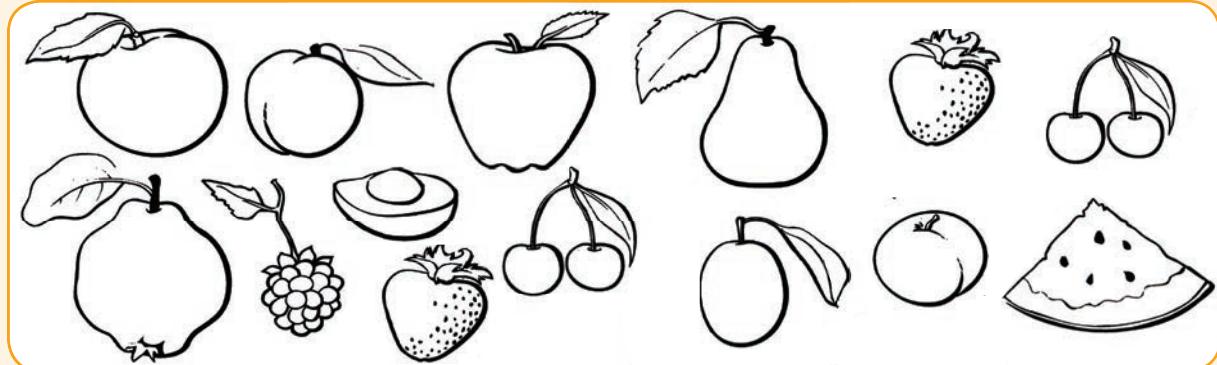
10 :::::



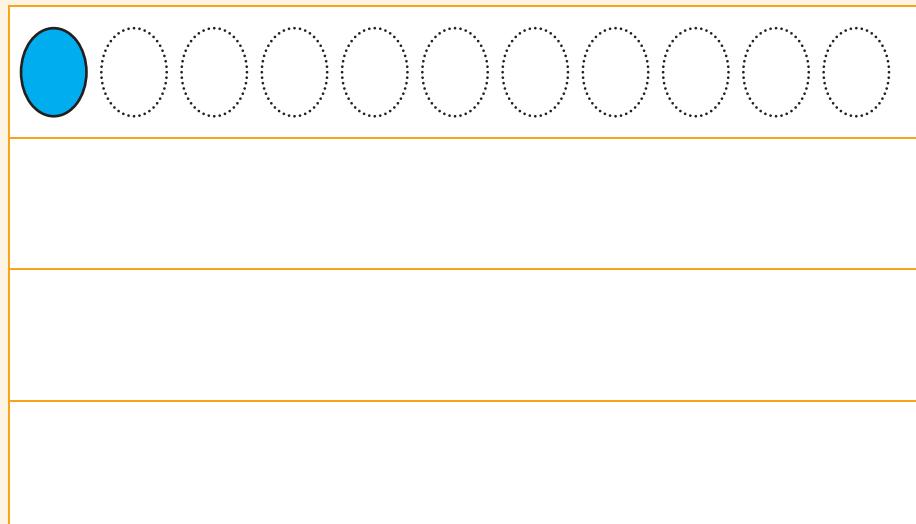
1 2 3 4 5 6 7 8 9 10



Khalarani mitshelo ya zwa fumi.



Kopani ni ole zwi zwinzhi nga zwa fumi.



Itani ndowendowe ya nomboro.



Khalarani rekithiengele ni khou ralo u dzi vhala.



1 12 13 14 15 16 17 18 19 20



Teacher:
Sign:

Date:

3q

Themo ya 2



Nomboro lu swika kha 10

Shumisani minwe yanu kha u vhumba nomboro dzi tevelaha. Ni kone u riwalulula nomboro idzi.

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

U ñwala nomboro 6 u swika kha 10



Itani ndondowé ya u ñwala nomboro idzi.



6

rathi

6

6

6

6



7

sumbe

7

7



8

malo

8

8



q

tahé

9

9



10

fumi

10

10

Teacher:
Sign:
Date:



11

12

13

14

15

16

17

18

19

20

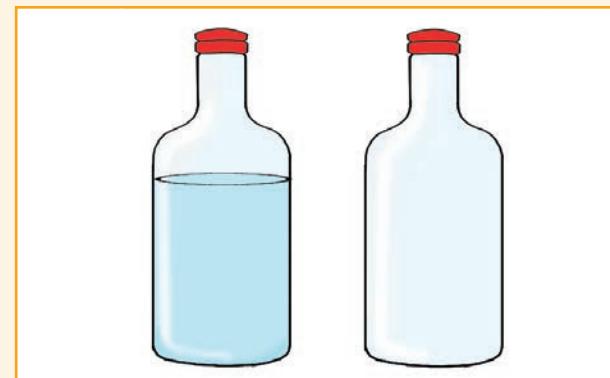
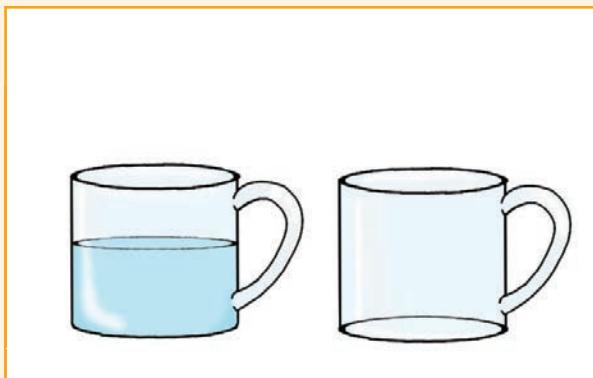
40

Themo ya 2

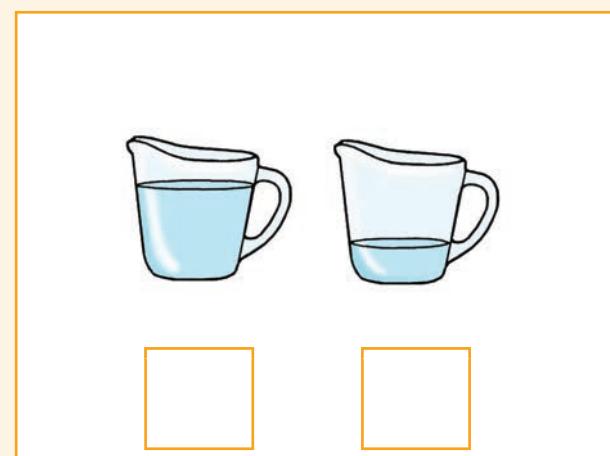
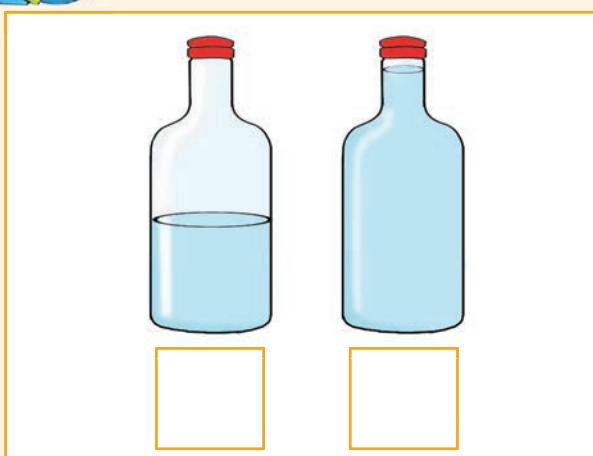


Khaphasithi na volumu

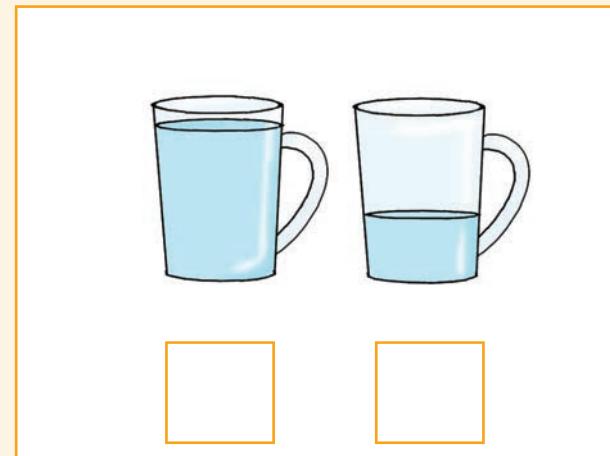
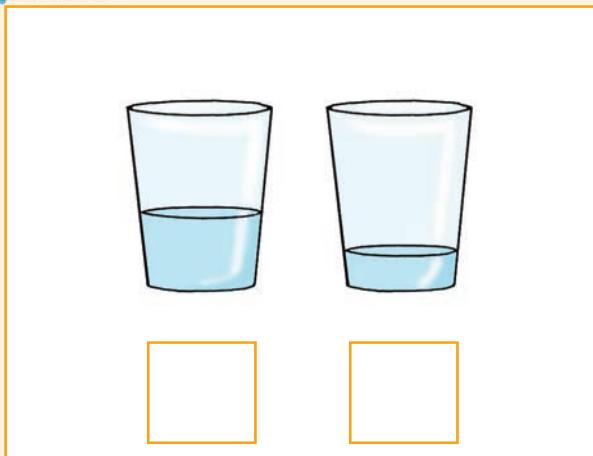
Olani ni tshi sumbedza mađi manzhi kha tshifaredzi tshi re kha tshanda tsha u la.



Itani thiki kha tshifaredzi tshi no fara zwinzhi.

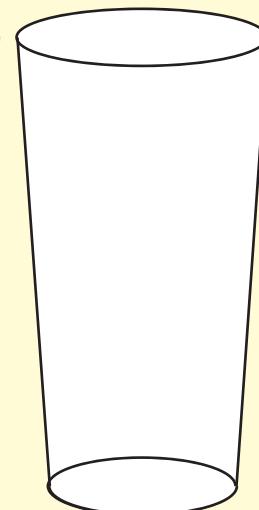
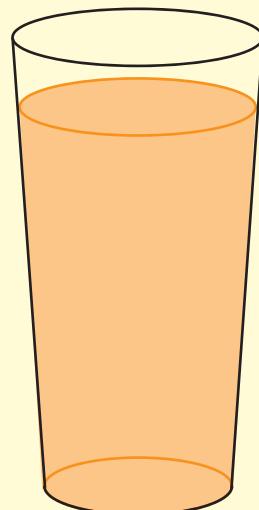


Itani thiki kha tshifaredzi dzi no fara zwituku.

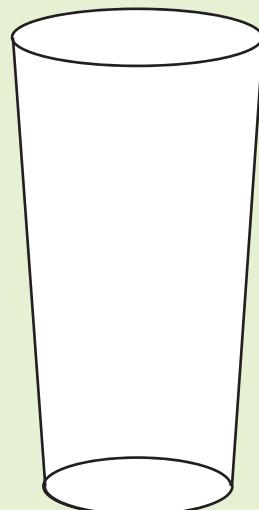
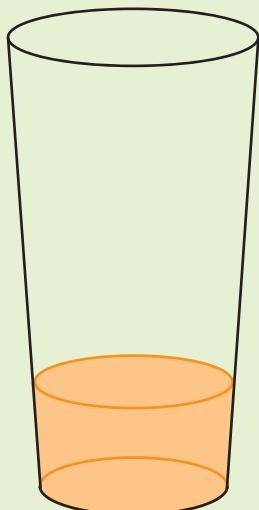




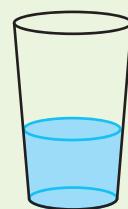
Khałarani ngilasi ya vhuvhili u itela uri i vhe na dzusi tħukku kha i re ngilasini ya u thoma.



Khałarani ngilasi ya vhuvhili u itela uri i vhe na dzusi nnzhi kha i re ngilasini ya u thoma.



Tangedzelani zwinzhi kha, zwituku kha kana zwi no lingana na.



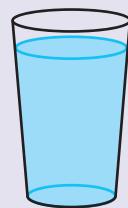
Ngilasi ya lutombo i na

**zwinzhi
kha**

**zwituku
kha**

**zwi no
lingana
na**

zwa ngilasi **tswuku**.



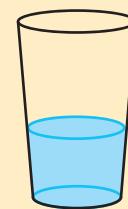
Ngilasi ya lutombo i na

**zwinzhi
kha**

**zwituku
kha**

**zwi no
lingana
na**

zwa ngilasi **tswuku**.



Ngilasi ya lutombo i na

**zwinzhi
kha**

**zwituku
kha**

**zwi no
lingana
na**

zwa ngilasi **tswuku**.



zwinzhi kha

zwituku kha



Teacher:

Sign:

Date:

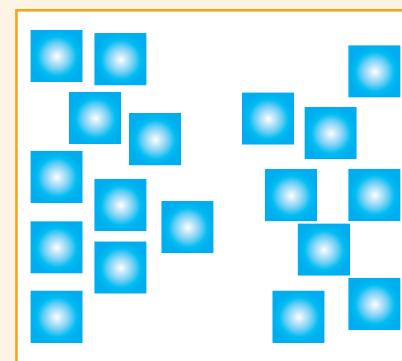
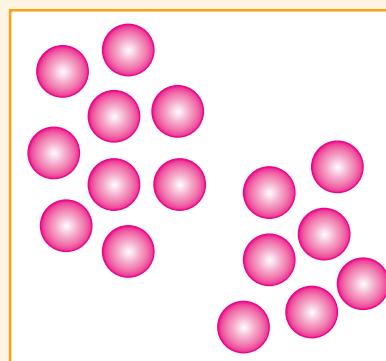
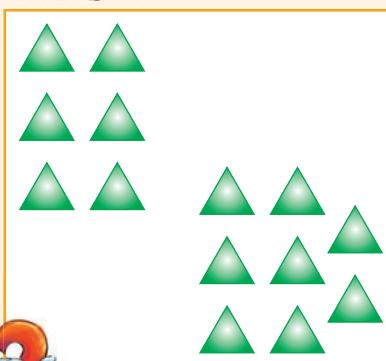
41

Themo ya 2



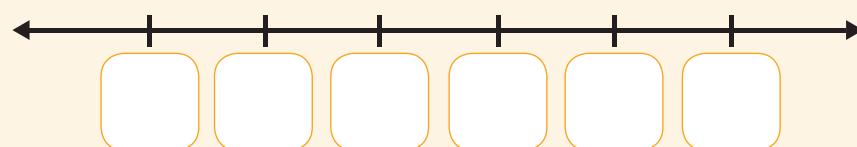
Nomboro lu swika kha 10

Tshibulokoni tshiñwe na tshiñwe, tangedzelani tshigwada tshi re na zwivhumbeo zwiñuku.

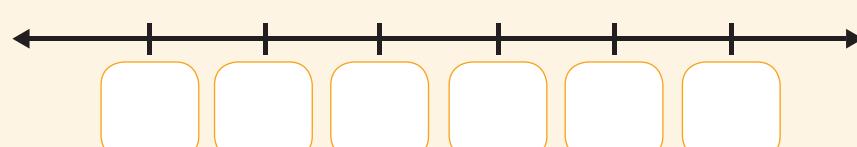


Nwalani nomboro u thoma kha ḥukhusa u ya kha khulwanesa dzi kha mutalombalo.

2	4	3
6	1	5



1	6	8
7	9	5



Khalarani nomboro ḥukhusa nga muvhala mudala na khulwanesa nga muvhala wa tshitopane.

7	4	3
5	1	6

9	10	8
4	6	2



Tandululani zwi tevhelaho. Ni nga ita miolo uri i ni thuse.

Nnzhi kha 5 nga nthihi.

Thukhu kha 5 nga nthihi.

Nnzhi kha 6 nga mbili.

Thukhu kha 7 nga mbili.



Mutalo wa malungu



Dzhenisani nomboro i no khou təhela.

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

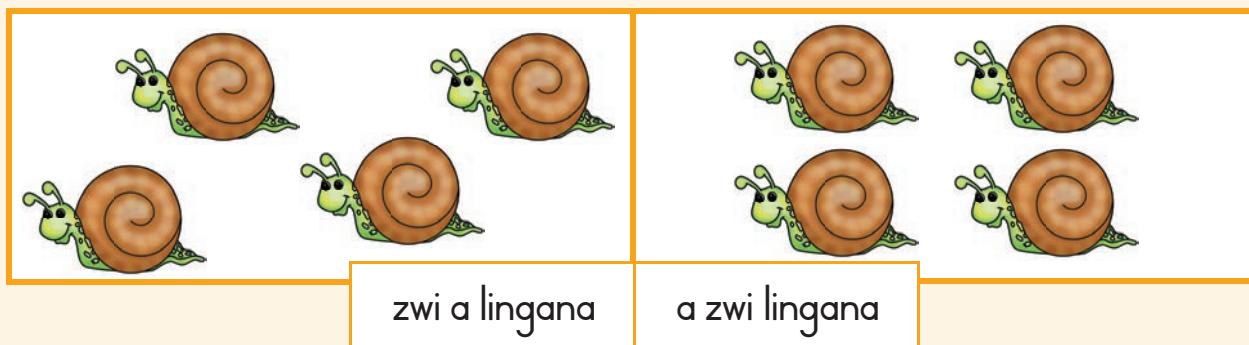
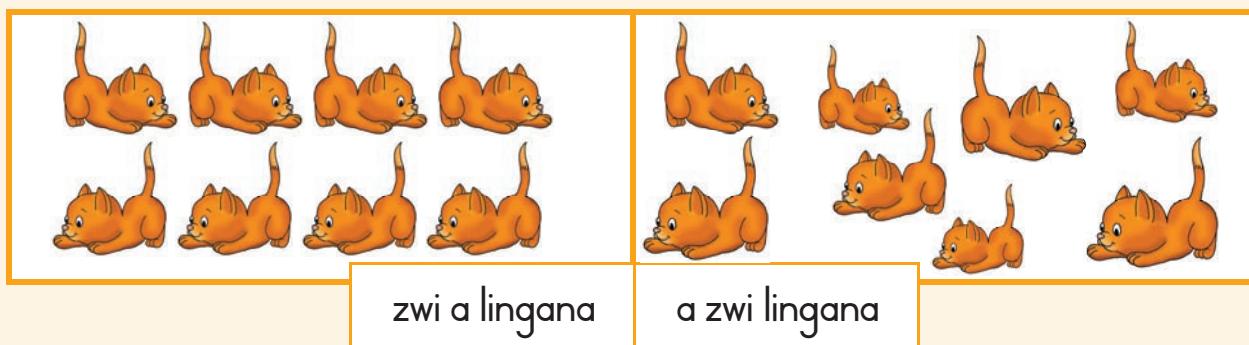
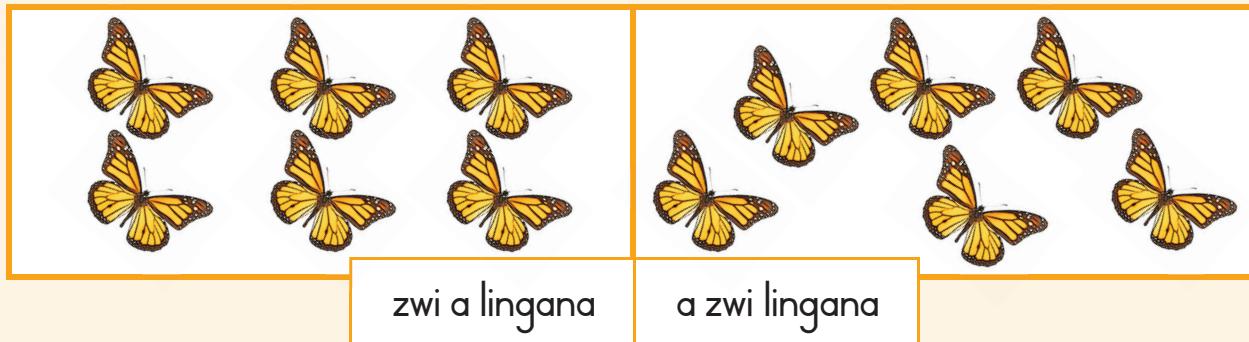
1

10 9 8 7 6 5



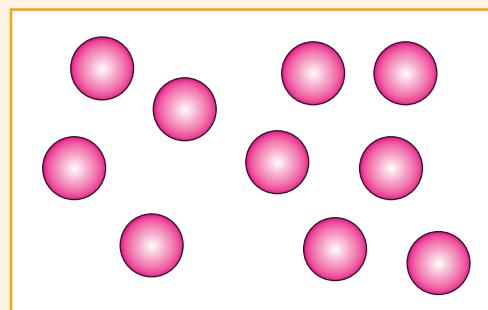
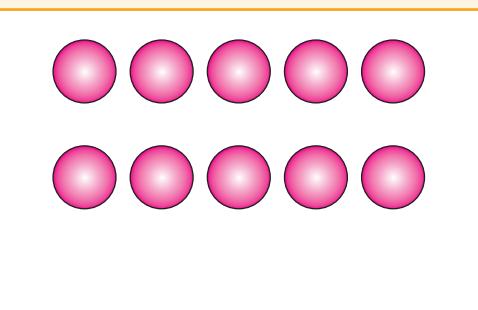
Zwi no pada, zwi no lingana na zwituku

Livhanyani zwithu zwi re kha tsha monde na zwithu zwi re kha tsha u la.
Khalarani phindulo yone.





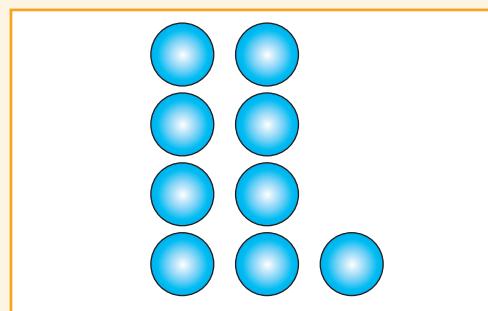
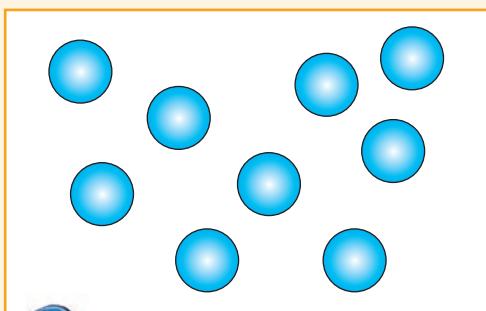
Bulani uri tshibulo ko tsha vhuvhili tshi na zwithu zwinzhi kha, zwituku kha, kana zwi no lingana na zwa tshibulo ko tsha u thoma. Kha larani phindulo yone.



zwinzhi

zwi no
lingana

zwituku



zwinzhi

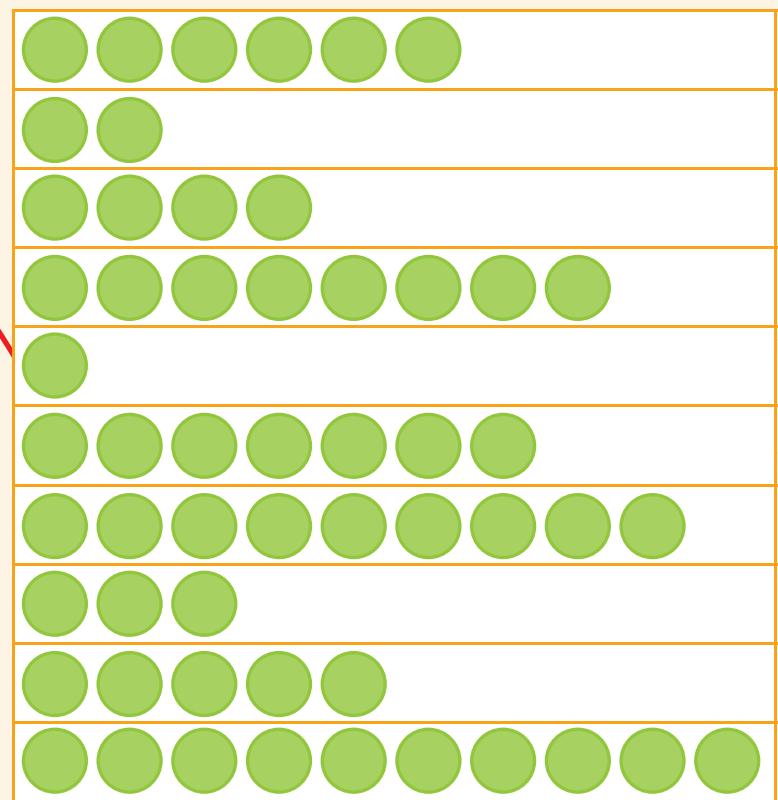
zwi no
lingana

zwituku



Livhanyani zwithu na nomboro.

1
2
3
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5
6
7
8
9
10



Teacher:
Sign:

Date:



43

Themo ya 2



U ṫanganya malegere

Ṫanganyani malegere ni dženise phindulo.

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

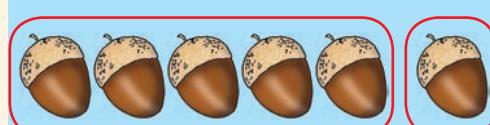
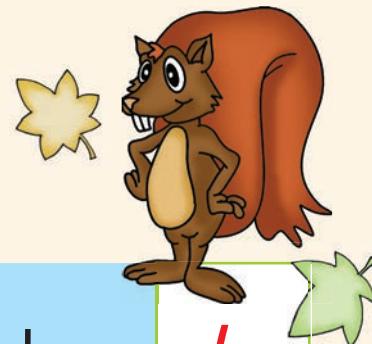
$$2 + 3 = 5$$

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

$$3 + 4 = \dots$$



Ṫanganyani nomboro.



$$5 + 1 = 6$$



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



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



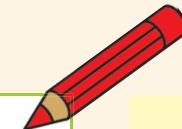
$$4 + 3 = \boxed{}$$



90



Edzisani hezwi.



$3 + 6 = \boxed{q}$

$1 + 1 = \boxed{}$

$4 + 0 = \boxed{4}$

$0 + 7 = \boxed{}$

$0 + 5 = \boxed{5}$

$3 + 2 = \boxed{}$

$6 + 0 = \boxed{}$

$5 + 3 = \boxed{}$

$2 + 2 = \boxed{}$

$7 + 2 = \boxed{}$

$1 + 3 = \boxed{}$

$4 + 4 = \boxed{}$

$2 + 5 = \boxed{}$

$5 + 1 = \boxed{}$

$5 + 0 = \boxed{}$

$4 + 3 = \boxed{}$

$1 + 8 = \boxed{}$

$2 + 6 = \boxed{}$

$4 + 2 = \boxed{}$

$8 + 2 = \boxed{}$



Teacher:
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Date:



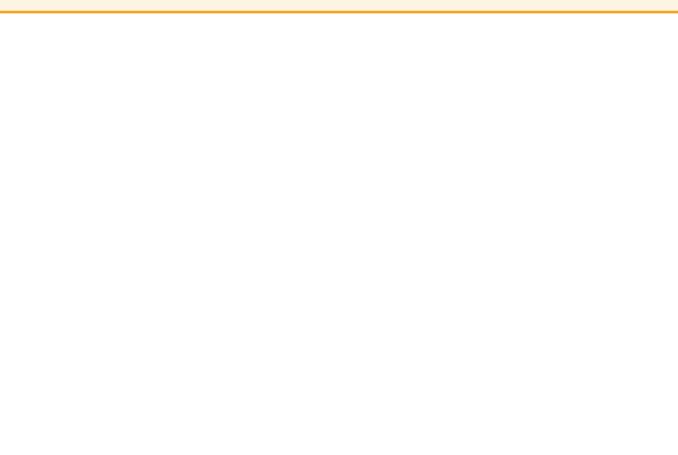
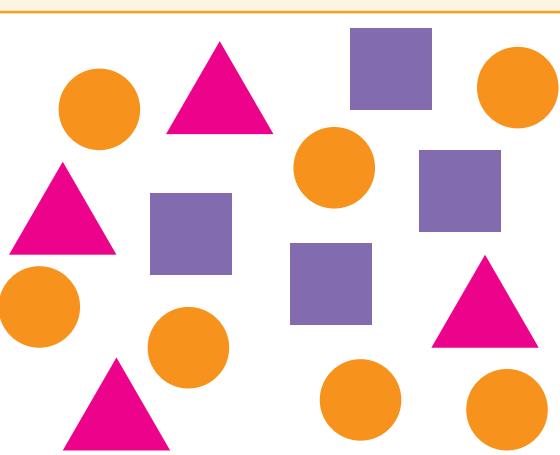
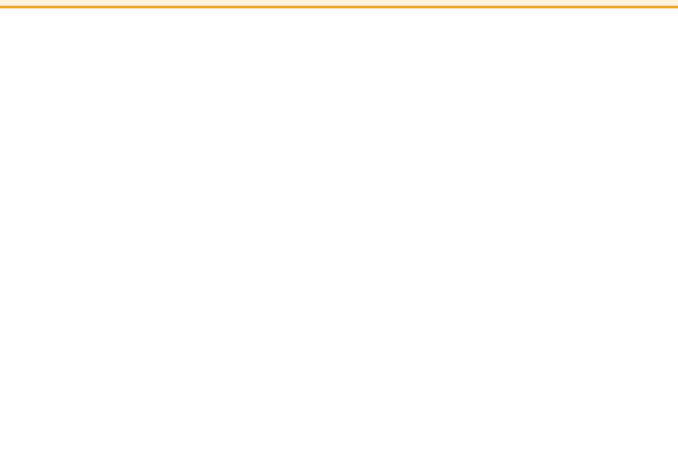
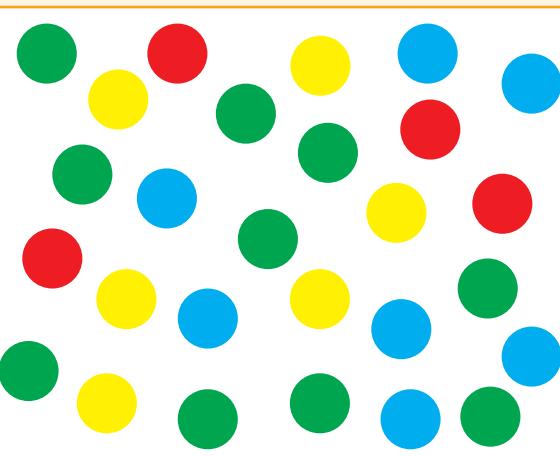
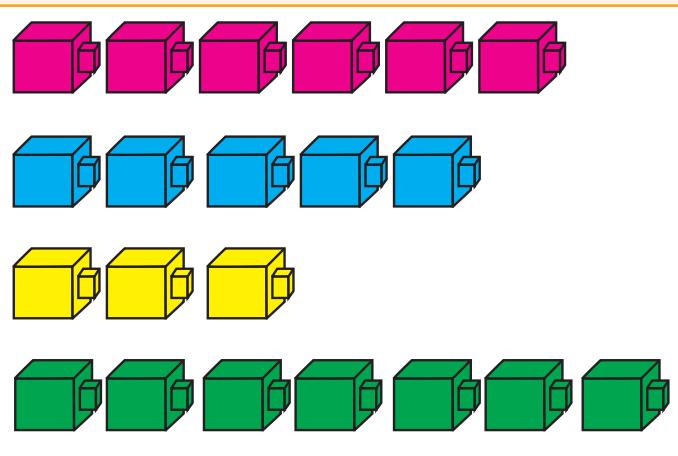
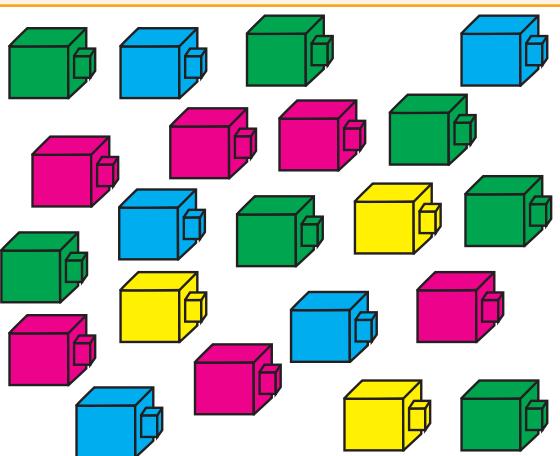
44

Themo ya 2



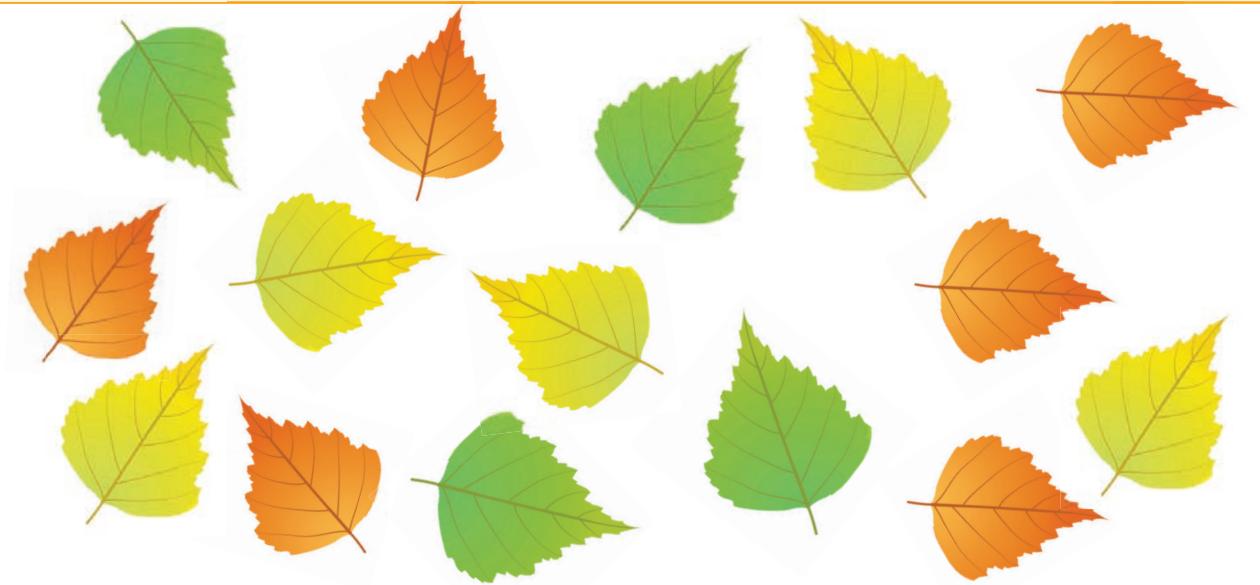
U kuvhanganya na u vhekanya

Vhekanyani ni ole miolo ya zwo kuvhanganyaho zwe zwa vhekanya.





Vhekanyani matari a tevhelaho nga u a ola a na mivhala yo fhambananaho.



--	--

Hu na matari mangana a **mutada**?

Hu na matari mangana a **tshitopana**?

Hu na matari mangana **madala**?



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Date:



45

Themo ya 2

U ḫanganya u swika kha 10: u vhala ri tshi ya phanda



Olani tshifanyiso ni nwale fhungombalo la tshifanyiso tshiñwe na tshiñwe.

Sarah u na malegere a 3. Sipho u na malegere a 2. Vha na malegere mangana o ḫangana othe?



Kha ri vhale:

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

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

Ndi na mimavhulu ya 4 nda dovhā nda wina miñwe ya 3. Ndi na mimavhulu mingana?



Kha ri vhale:

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

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

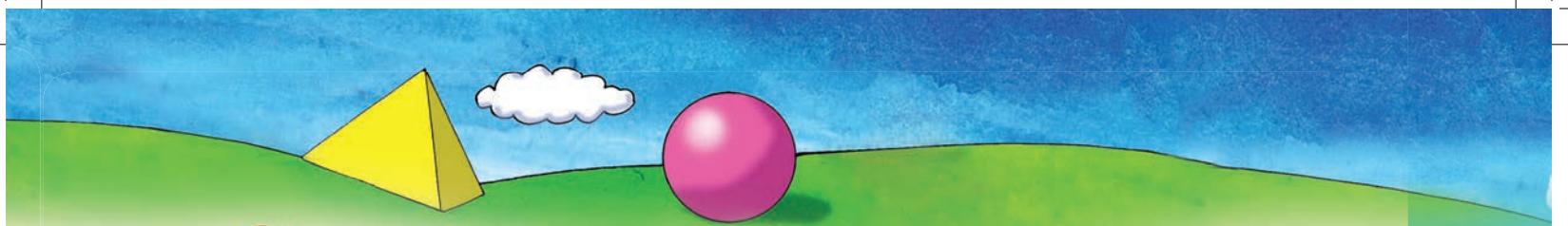
Hu na zwisu su zwiñanu (zwa 5). Ha mbo swika zwiñwe zwivhili. Hu na zwisu su zwingana?



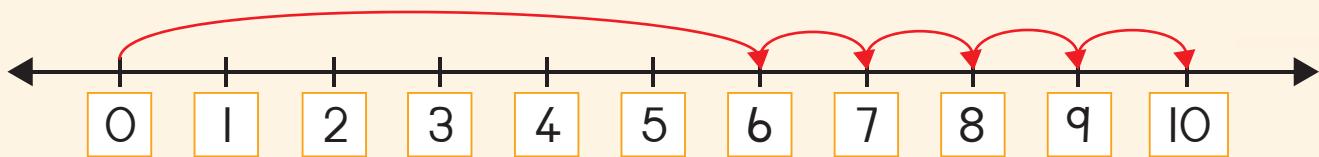
Kha ri vhale:

5	6	7	<input type="text"/>	<input type="text"/>
---	---	---	----------------------	----------------------

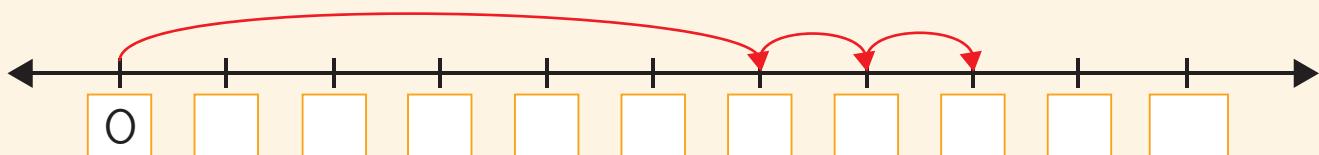
$$\boxed{} - \boxed{} = \boxed{}$$



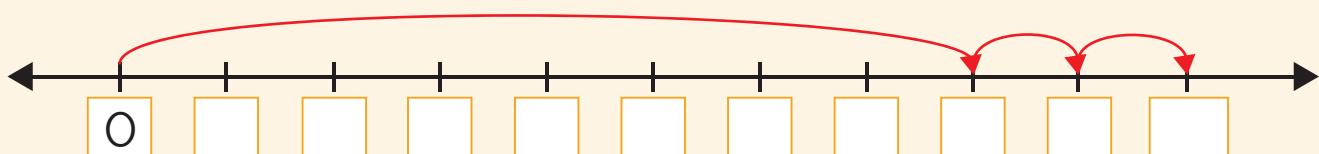
Nwalani nomboro kha mutualombalo ni kone u nwala fhungombalo ja mutualombalo muñwe na muñwe.



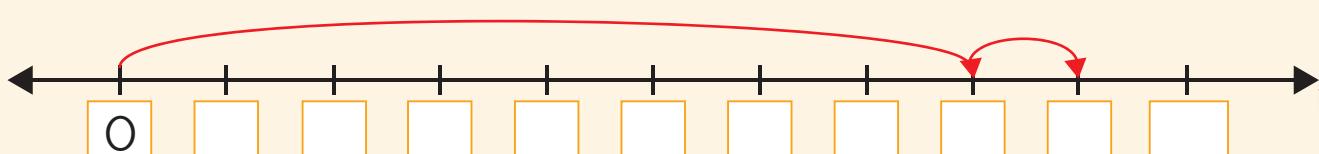
$$\boxed{6} + \boxed{4} = \boxed{\quad}$$



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



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

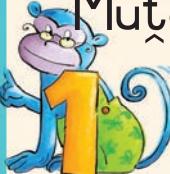


$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



Teacher:
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Mutanganyo: u fhaṭa na u padukanya u swika kha 10

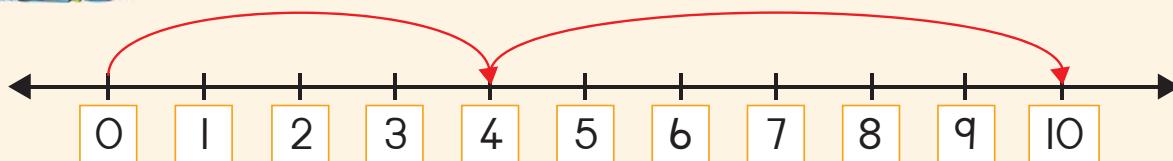


Khalarani ni tshi sumbedza zwi tevhelaho.

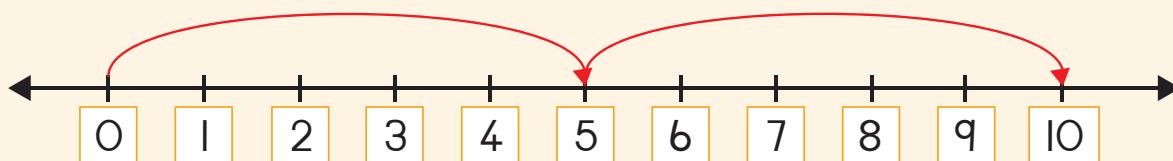
$1 + 9$	
$2 + 8$	
$3 + 7$	
$4 + 6$	
$5 + 5$	



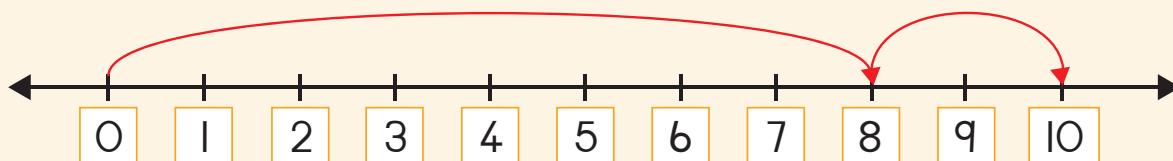
Nwalani mbalo ya:



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

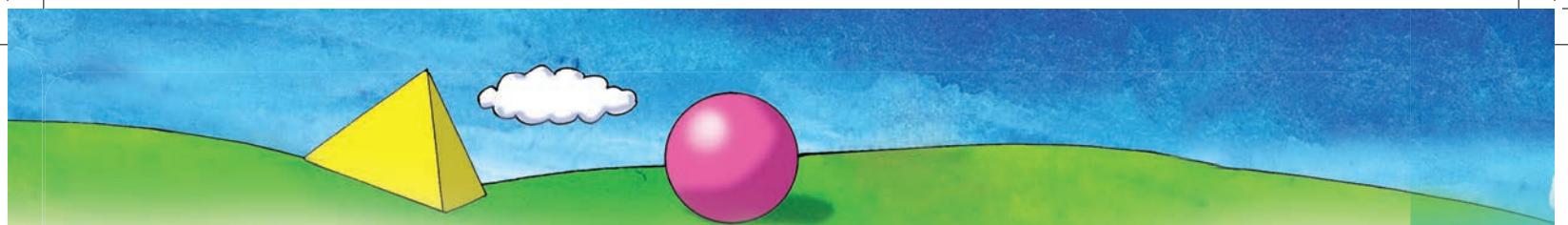


$$\boxed{} + \boxed{} = \boxed{}$$



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

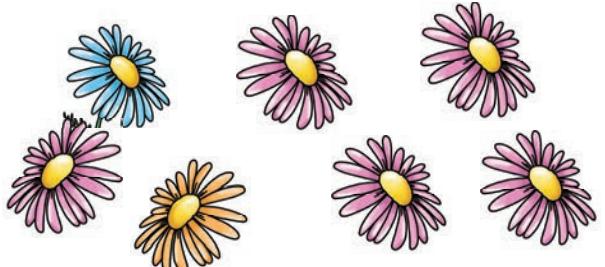




Shumisani zwivhalo zwa maluvha kha u vhumba mutalombalo wanu inwi munę.



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



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



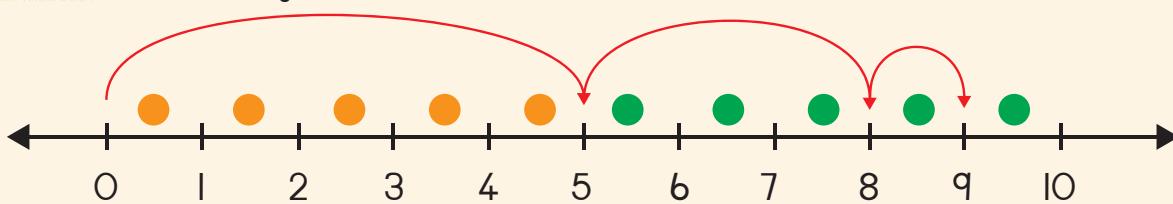
$$\boxed{} + \boxed{} + \boxed{} = \boxed{}$$



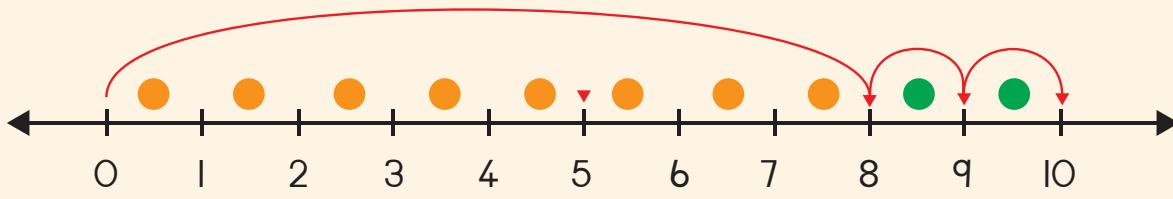
$$\boxed{} + \boxed{} + \boxed{} = \boxed{}$$



Nwalani mbalo ya:



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



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



Teacher:
Sign:
Date:



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97



U inga kavhili na u hafula

Fhindulani zwi tevhelaho.

Ni kona u vhona vhasidzana vhangana?



Ni kona u vhona vhasidzana vhangana?



Ni kona u vhona milenzhe mingana?



Ni kona u vhona milenzhe mingana zwino?



Ni kona u vhona milinga mingana?



Ni kona u vhona milinga mingana zwino?



Ni kona u vhona milenzhe mingana?



Ni kona u vhona milenzhe mingana zwino?



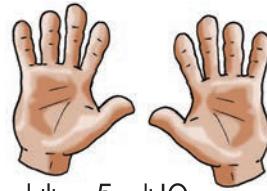
Ri ri nyingakavhili ya 4 ndi 8.
Hafu ya 8 i do vha mini?



Ni kona u vhona minwe mingana?



Ni kona u vhona minwe mingana zwino?

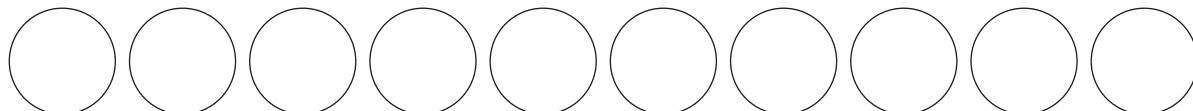


Ri ri nyungakavhili ya 5 ndi 10.
Hafu ya 10 i do vha mini?



Tandululani zwi tevhelaho nga u khala. Nwalani mbalo.

Ndi na mimavhulu ya 4 ngeno khonani yanga e na ya 4. Ri na mimavhulu mingana yo tangana yothé?
Khalarani nomboro yone ya mimavhulu.



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



Fhindulani zwi tevhelaho.

Nyungakavhili ya 1 ndi

Nyungakavhili ya 2 ndi

Nyungakavhili ya 4 ndi

Nyungakavhili ya 5 ndi

Hafu ya 2 ndi

Hafu ya 4 ndi

Hafu ya 8 ndi

Hafu ya 10 ndi

Nyungakavhili ya 3 ndi

Hafu ya 6 ndi



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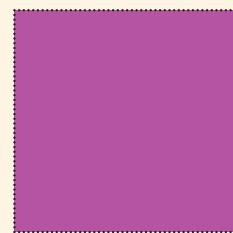
48a

Themo ya 2



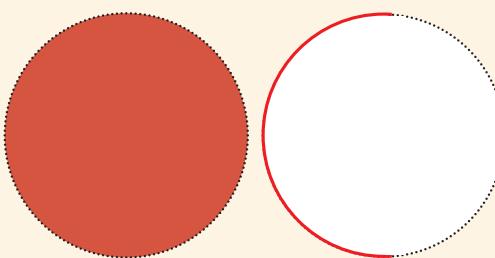
Fhedzisani zwifanyiso izwi.

tshikwea

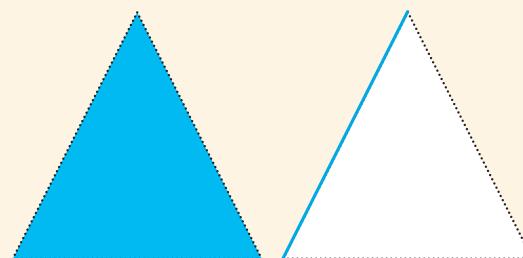


Zwivhumbeo

tshitendeledzi



thindiengele



rekithiengele



Shumisani zwivhumbeo zwi^{na} zwi re afho nt̄ha kha u ola tshifanyiso. Ni nga shumisa zwivhumbeo lu no fhira luthihi.



100

1

2

3

4

5

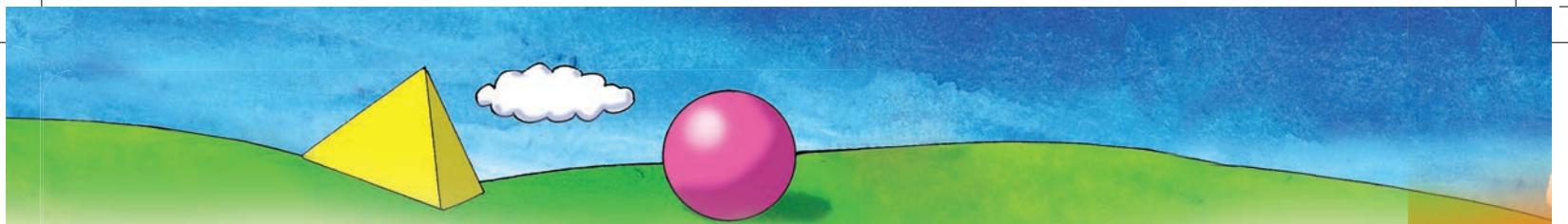
6

7

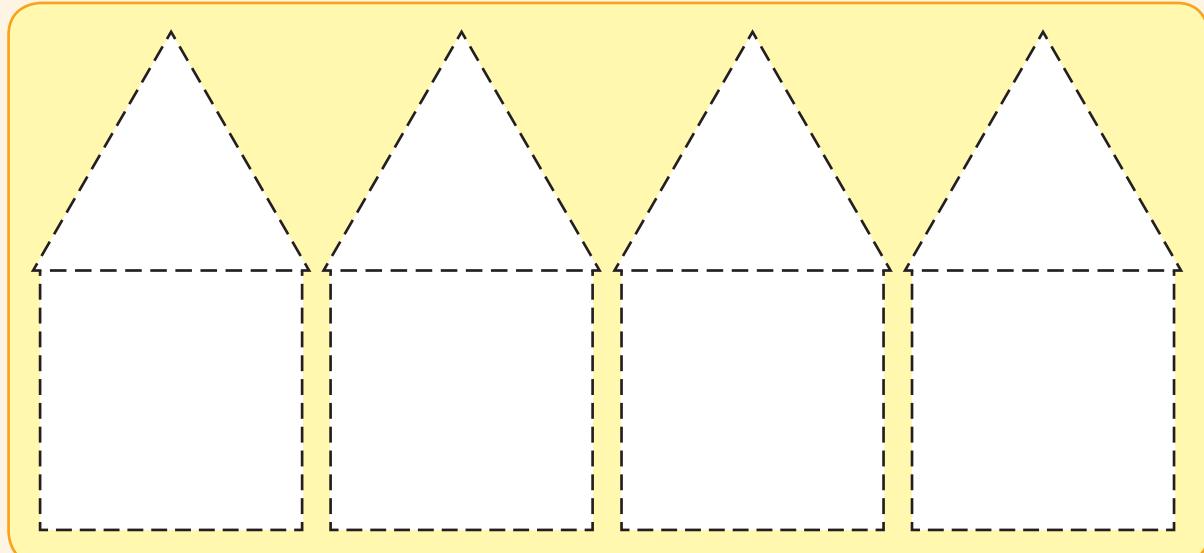
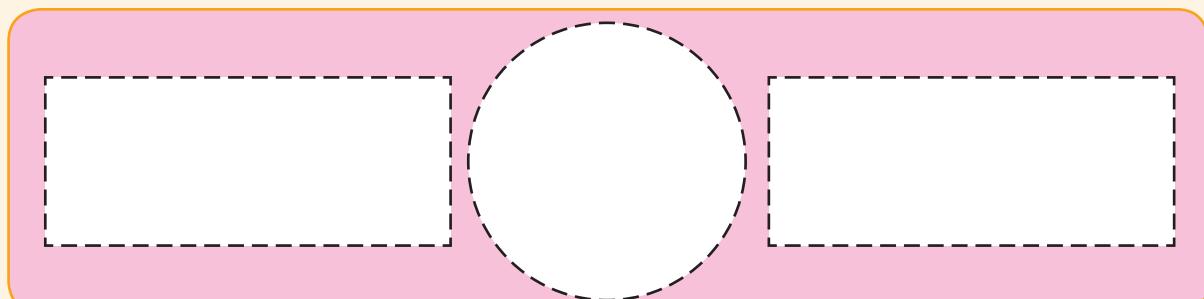
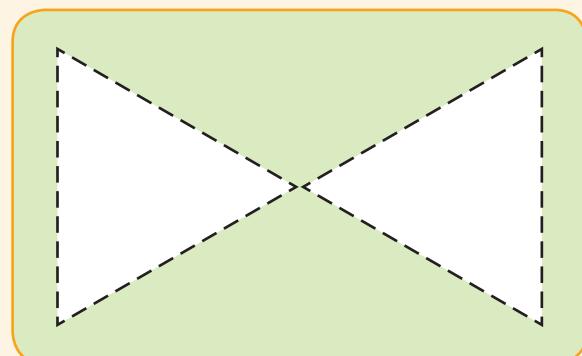
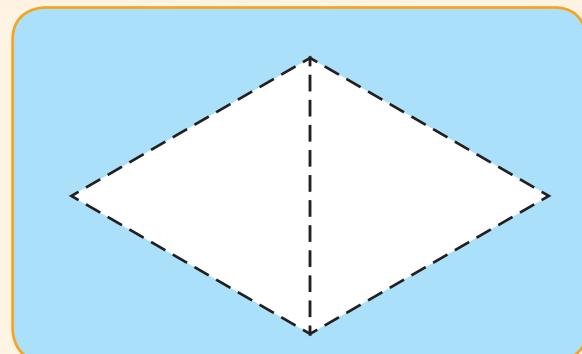
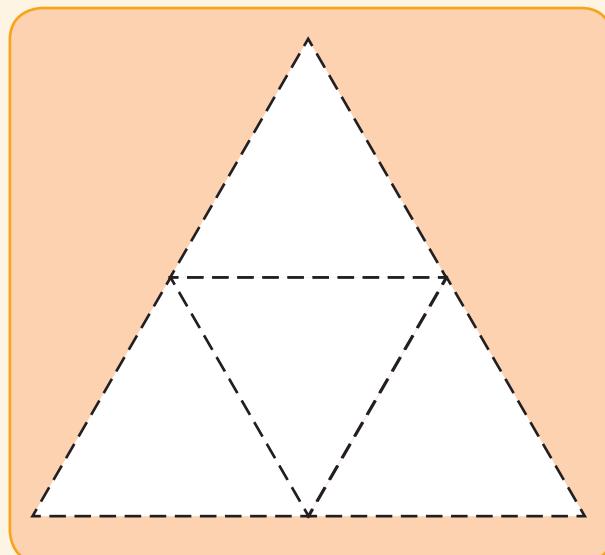
8

9

10



Shumisani zwivhumbeo zwa u
gera kha u vhumba zwivhumbeo
izwi.



Teacher:
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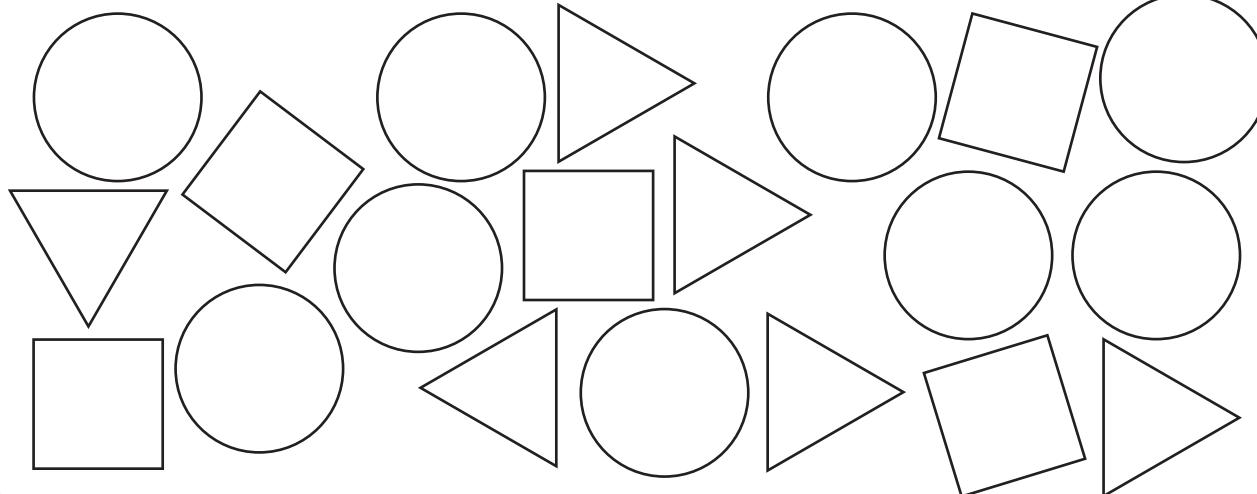
48b

Themo ya 2



Zwivhumbeo zwiñwe hafhu zwa 2-D

Vhekanyani zwivhumbeo ni ite muolo wa zwe na vhekanya.



Thiraiengele

Tshitendeledzi

Tshikwea

Hu na thiraiengele nngana?

Hu na zwitendeledzi zwingana?

Hu na zwikwe zwingana?

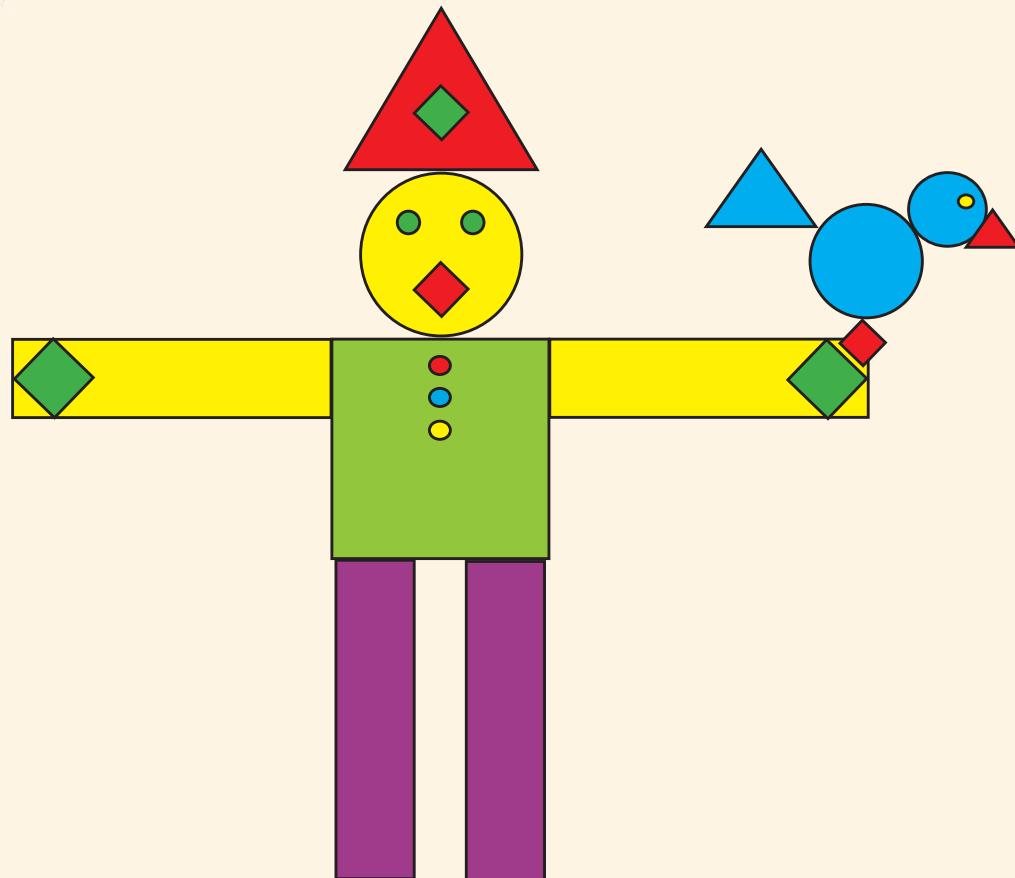


102

Wanani zwivhumbeo



Wanani zwivhumbeo zwo fhambanaho ni zwi vhale.



<input type="checkbox"/>	Ni nga kona u wana zwikwea zwingana?	
<input type="radio"/>	Ni nga kona u wana zwitendeledzi zwingana?	
<input type="triangle"/>	Ni nga kona u wana thiraiengele nngana?	
<input type="rectangle"/>	Ni nga kona u wana rekithiengele nngana?	



Teacher:
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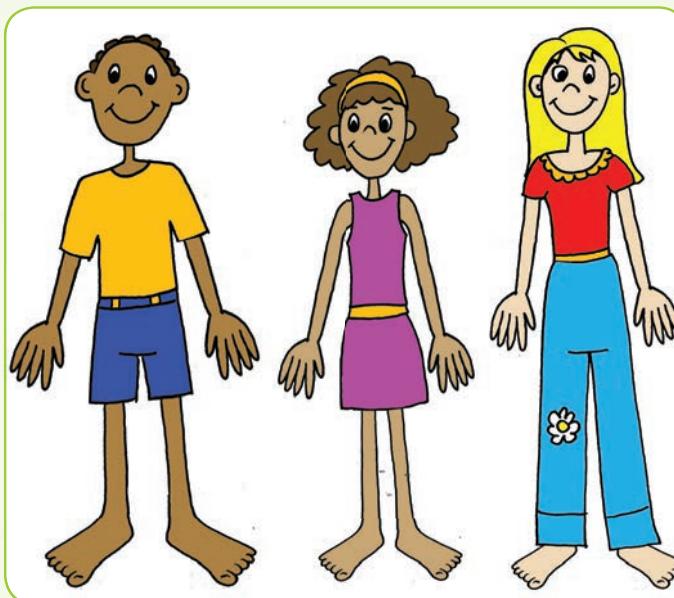
4q

Themo ya 2



Zwigwada zwa 2 u swika kha 10

Fhindulani mbudziso idzi:



Ni kona u vhona vhana vhangana?

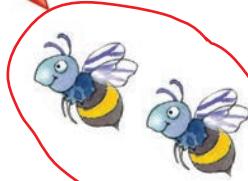
Ni kona u vhona milenzhe mingana?

Nwalani mbalo ya phere dza milenzhe.

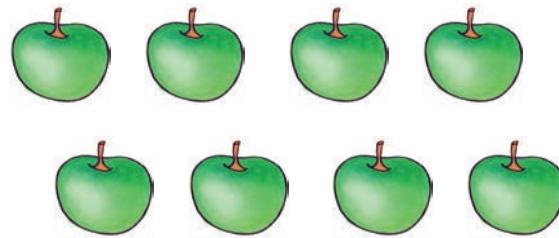
 $2 + 2 + 2 =$ 

Itani zwitendeledzi u mona na zwitevh zwi tevhelaho eleho uri ni ite:

zwigwada zwa 2 zwa ya 2



zwigwada zwa 4 zwa ya 2

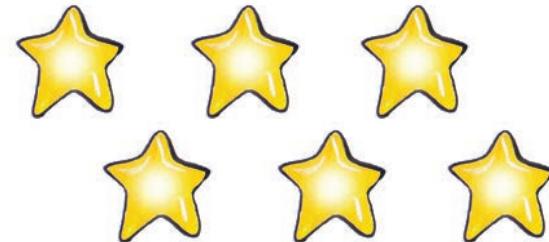




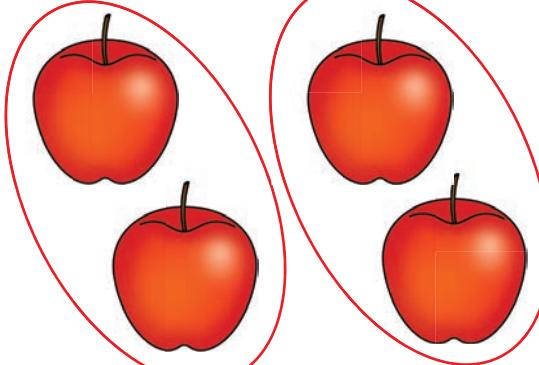
zwigwada zwa 5 zwa ya 2



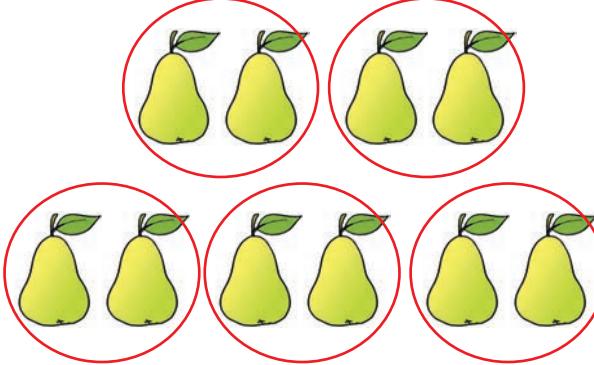
zwigwada zwa 3 zwa ya 2

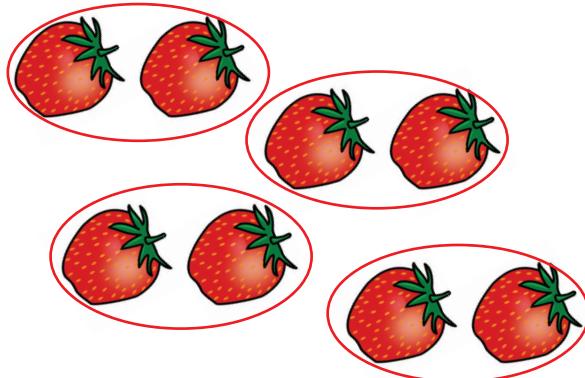


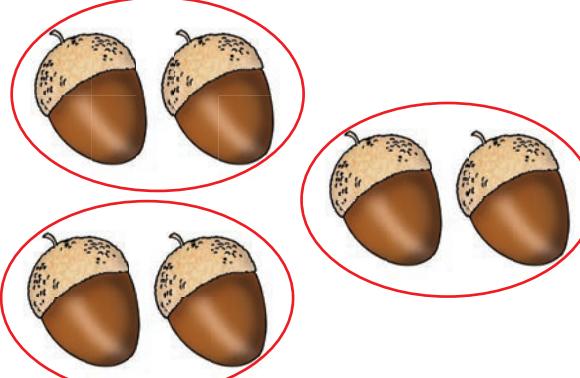
Nwalani mbalo ya zwi tevhelaho:



$$2 + 2 =$$









Teacher:
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Date:



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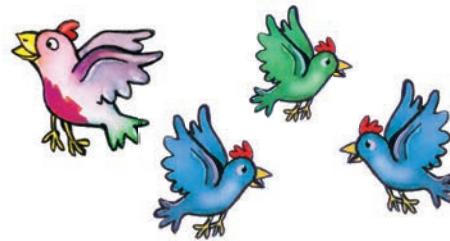
Ndovhololo ya mutanganyo wa mbili u swika kha 10



Hu na milenzhe mingana? Nwalani mbalo yazwo.



$$2 + 2 + 2 = 6$$



Rekanyani ni ite muolo.

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

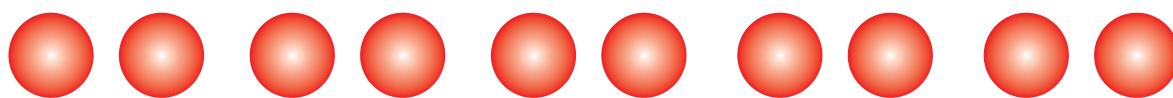
$$\boxed{2} + \boxed{2} + \boxed{2} = \boxed{\quad}$$

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

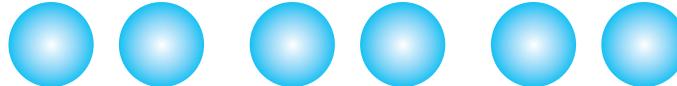
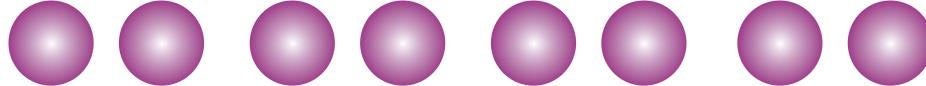
$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{\quad}$$



Nwalani mbalo ya:



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



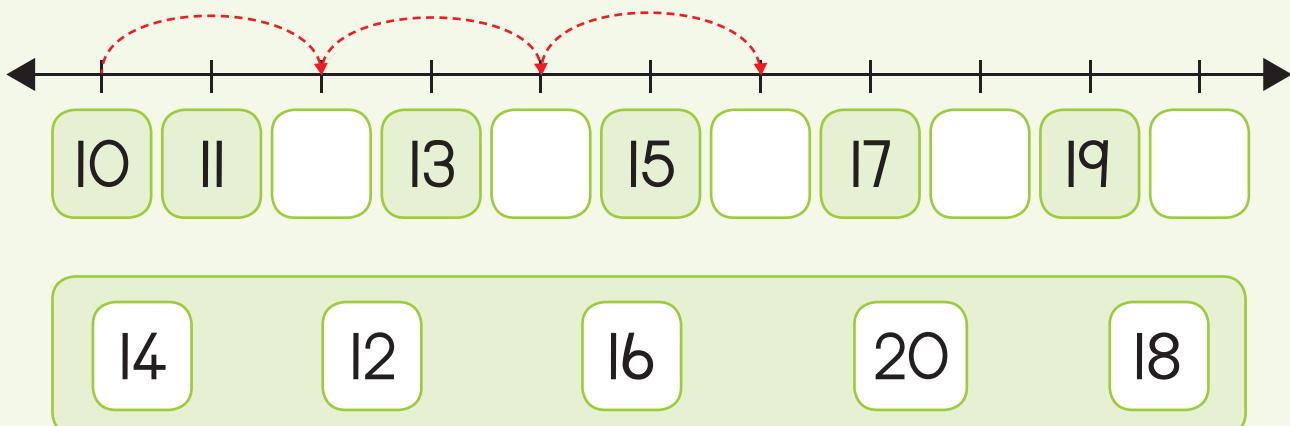
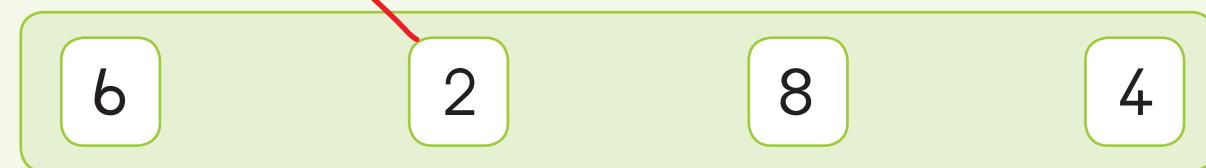
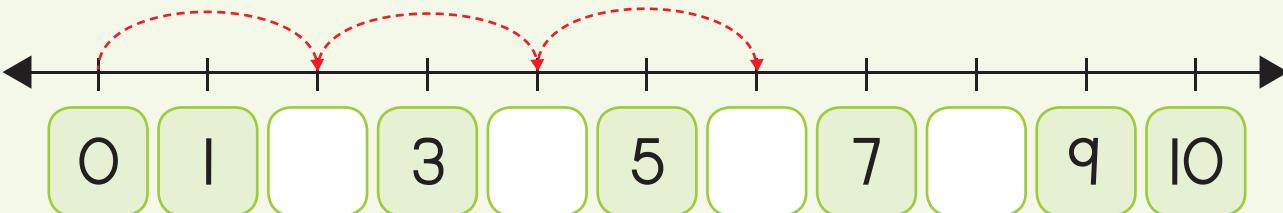
Vhalani nomboro idzi nga mbilimbili ni khälare mbili dzothé.

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

Phetheni dza 2 u swika kha 20



Talani mutalo wa u livhanya nomboro dzi no khou t̄ahela.
Ro dzula ro ni itela ya u thoma. Ni kone u fhedzisa mithamuwo miñwe mivhili hafhu.



Fhedzisani phetheni nga u khala nomboro.

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



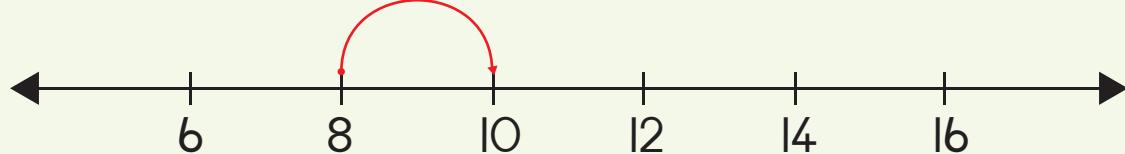
Olanu mithamuwo ni tshi sumbedza zwi tevhelaho.

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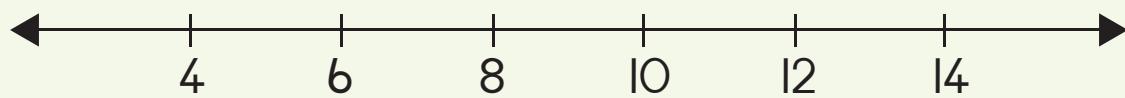


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Teacher:
Sign:
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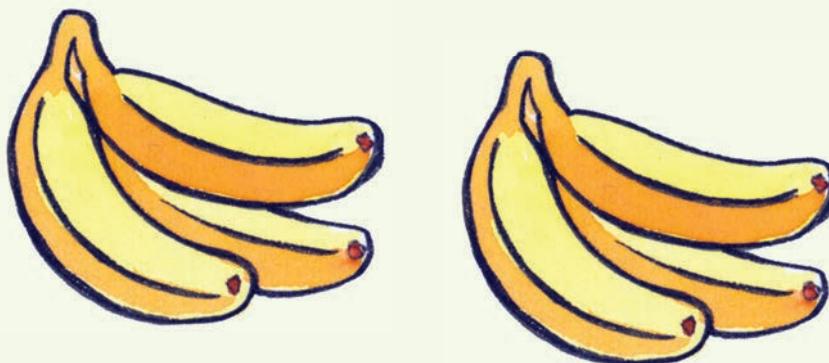


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Zwigwada zwa raru u swika kha zwa fumi

Fhindulani mbudziso.



Ni kona u vhala miomva mingana?

Hu na zwigwada zwingana?

I ንwaleni sa mutalombalo.



Itani zwitendeledzi u mona na zwitevheleho uri ni ite:

zwigwada zwa 2 zwa dza 3



zwigwada zwa 3 zwa dza 3



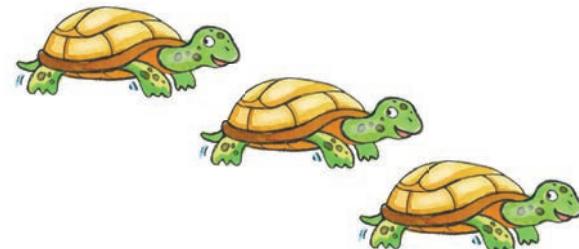
110



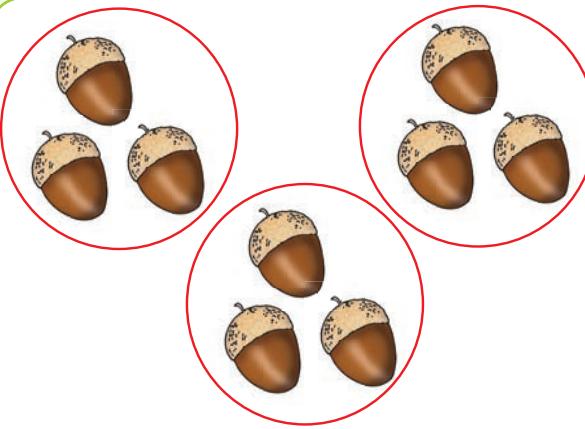
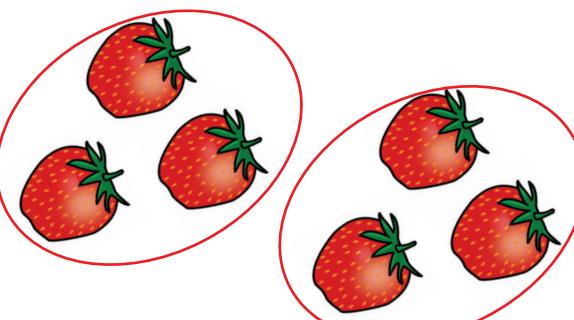
zwigwada zwa 4 zwa dza 3



tshigwada tsha | tsha zwa 3



Nwalani fhungombalo la zwi tevhelaho:



Olani zwigwada zwa 2 zwa 3.



Teacher:
Sign:

Date:



53

Themo ya 2



Ndovhololo ya mut^langanyo wa tharu u swika kha fumi



Hu na milinga mingana? I nwaleni sa mbalo.



1 2 3 4 5 6 7 8 9 10



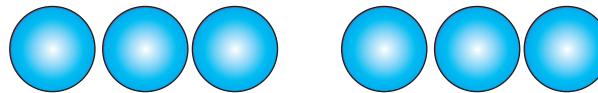
Olani zwivhumbeo ni tshi sumbedza zwi tevhelaho.

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

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



I nwaleni sa mbalo:



Ndo renga maluvha mangana makete?



Mbalo.



Teacher:
Sign:

Date:



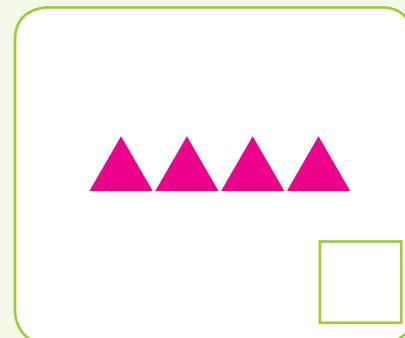
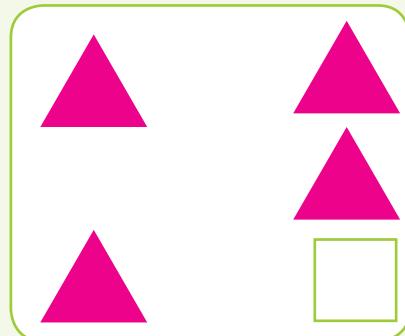
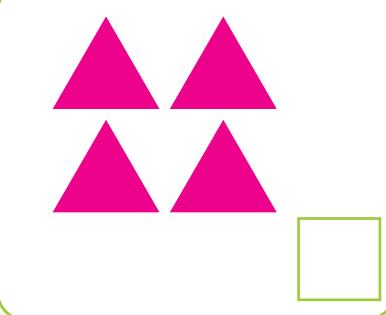
54

Themo ya 2

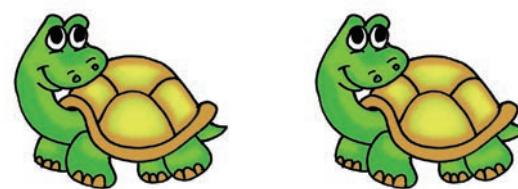


Zwigwada zwa n̄a u swika kha fumi

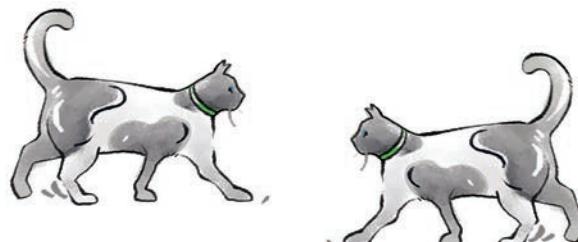
Vhalani zwivhumbeo ni riwale nomboro.



Ndo vhona zwipuka zwi tevhelaho zuu. Ndo vhona milenzhe mingana?
Nalani fhungombalo ja tshiñwe na tshiñwe.



$$4 + 4 = 8$$





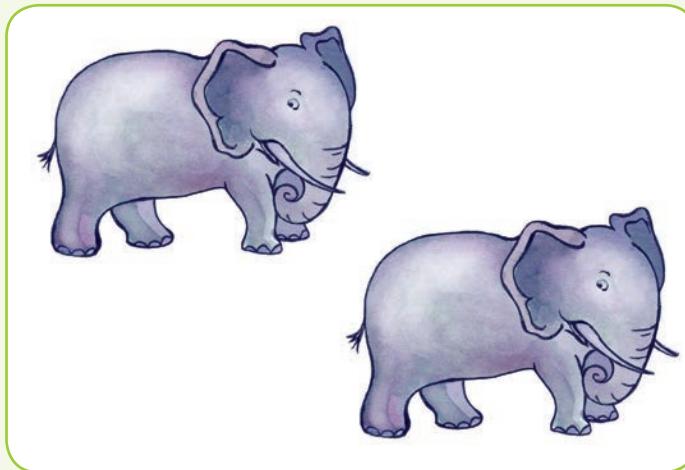
Ndovhololo ya mułangayo wa zwiña u swika kha zwa fumi



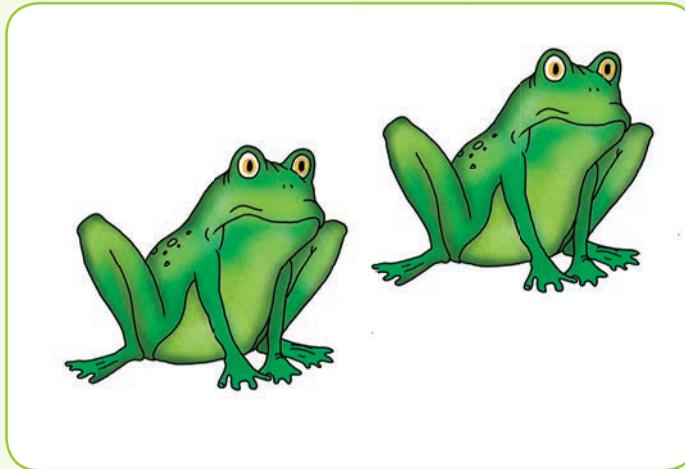
Hu na milenzhe mingana. Nwalani mbalo ya zwiñwe na zwiñwe.



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



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



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



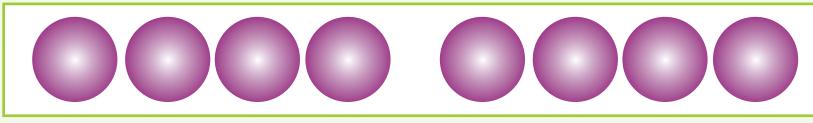


Olani zwivhumbeo ni tshi sumbedza zwi tevhelaho.

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



Nwalani mbalo ya:



Susan o baka khekhe dza khaphu dza 4. Jane o baka khekhe dza khaphu dza 4. Vho baka khekhe dza khaphu nngana dzo ṭangana dzothé? Tangedzelani tshivhalo tshone tsha khekhe dza khaphu.



Mbalo.



Teacher:
Sign:

Date:



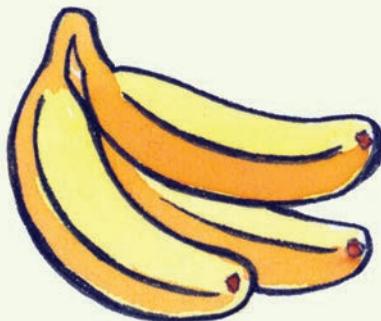
56

Themo ya 2



Zwigwada zwa zwi $\ddot{\text{t}}$ anu u swika kha zwa fumi

Fhindulani mbudziso



Ni kona u vhona zwikunwe zwingana kha mulenzhe
mu $\ddot{\text{n}}$ we na mu $\ddot{\text{n}}$ we?

Hu na zwikunwe zwingana zwo $\ddot{\text{t}}$ angana zw $\ddot{\text{o}}$ the?

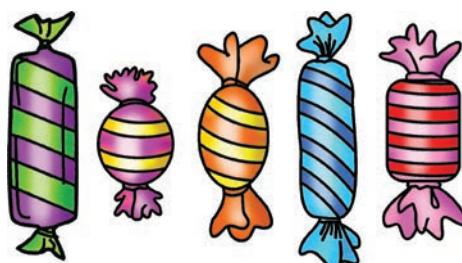
I $\ddot{\text{n}}$ waleni sa mbalo.

$$5 + 5 =$$



Itani zvitendeleledzi u mona na zwitevheleho uri ni ite:

tshigwada tsha l tsha a 5

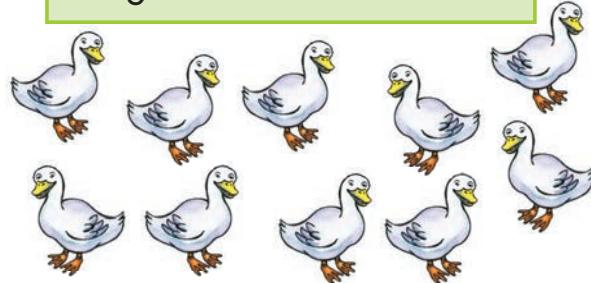


zwigwada zwa 2 zwa dza 5

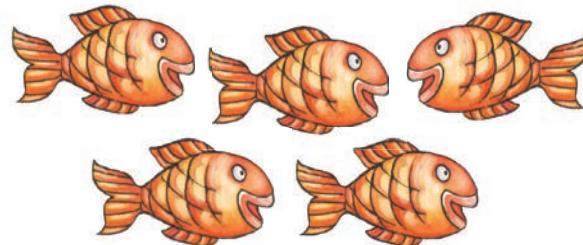




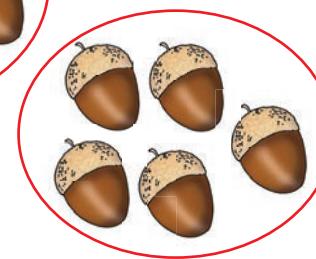
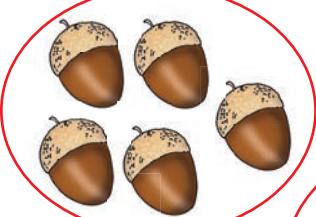
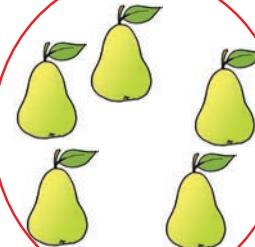
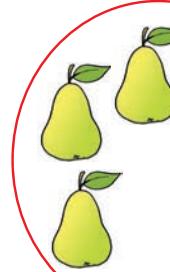
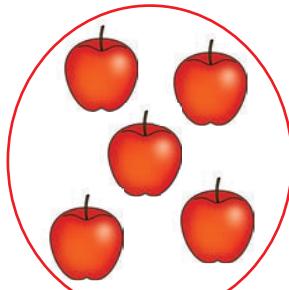
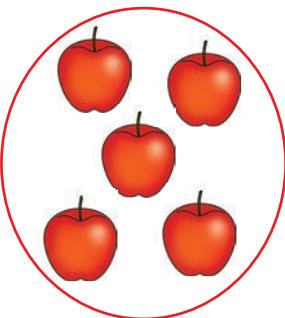
zwigwada zwa 2 zwa dza 5



tshigwada tsha l tsha a 5



Nwalani mbalo ya zwi tevhelaho:



Teacher:
Sign:
Date:

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18

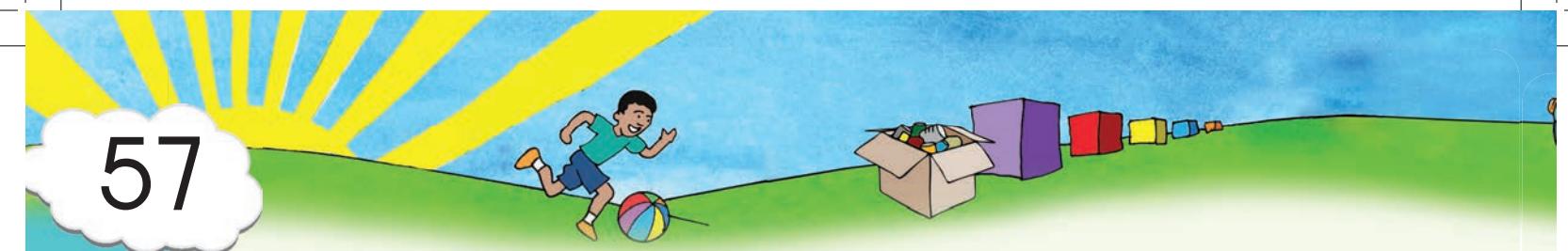
19

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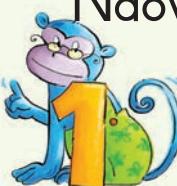


57

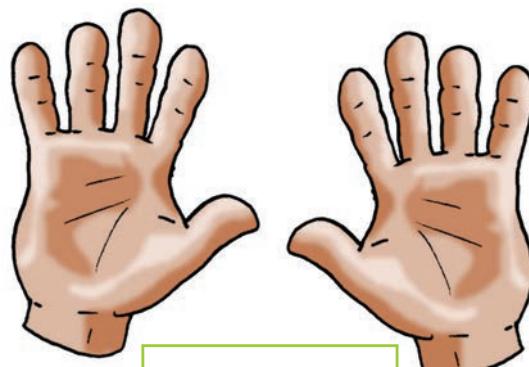
Themo ya 2



Ndovhololo ya mułangayo wa tłhanu u swika kha 10



Hu na minwe kana zwikunwe zwingana?



10

1 2 3 4 5 6 7 8 9 10



Olani zwivhumbeo ni tshi sumbedza zwi tevhelaho.

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



Nwalani mbalo ya:



Ni kona u vhona zwikunwe zwingana kha mulenzhe muñwe na muñwe? Hu na zwikunwe zwingana zwo ṭangana zwothe? Itani muolo.



Mbalo:

Ni na minwe mingana kha tshanda tshitihhi? Ni na minwe mingana yo fhelela?
Itani muolo.



Mbalo:



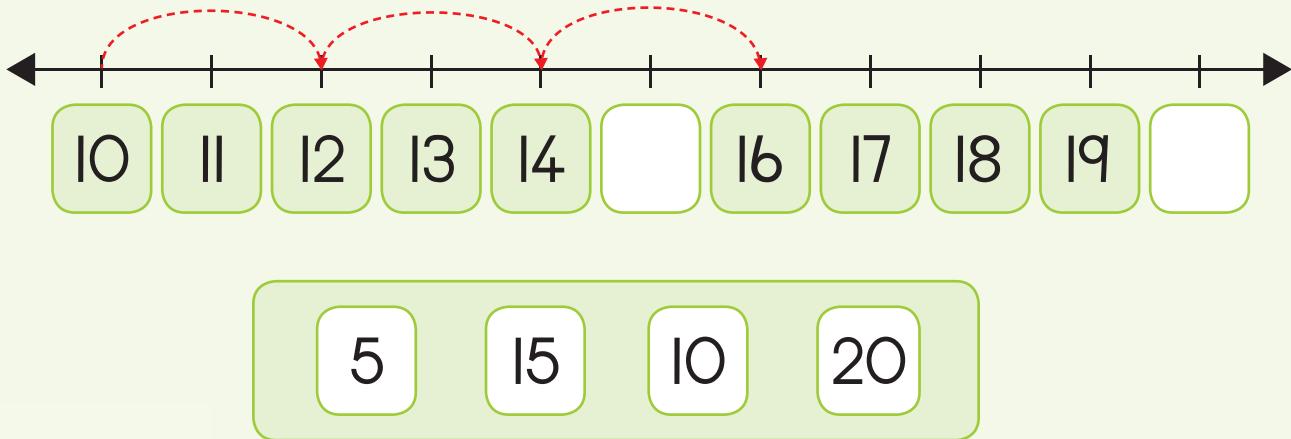
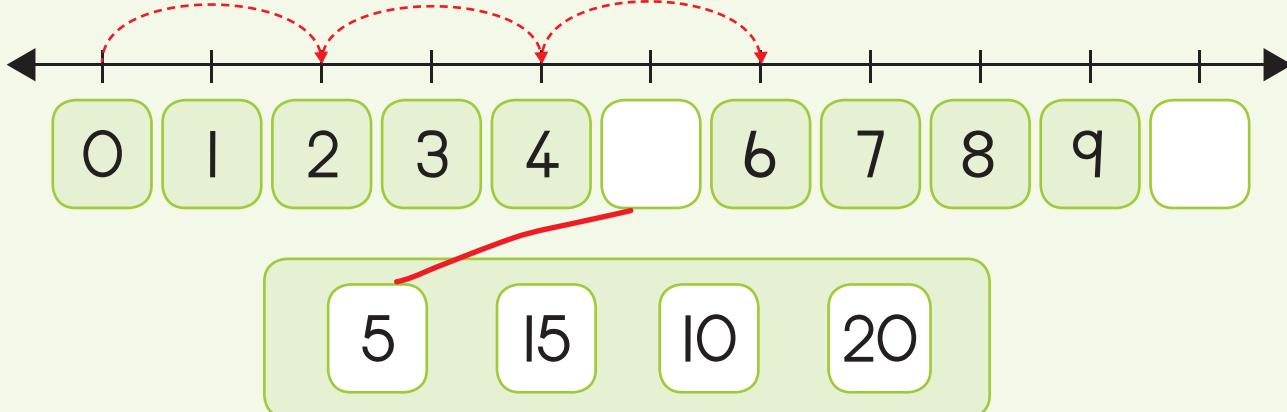
Teacher:
Sign:
Date:





Phetheni ተhanu u swika kha fumbili

Talani mutalo wa u livhanya nomboro dzi no khou ተahela.
Ro dzula ro ni itela ya u thoma. Fhedzisani mithamuwo nga u tevhedzela noha hayo.



Fhedzisani phetheni nga u khalara nomboro.

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





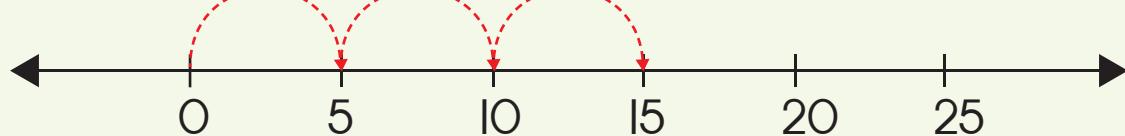
Olani mithamuwo ni tshi sumbedza zwi tehelaho.

0

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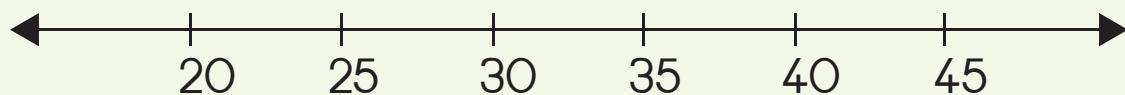


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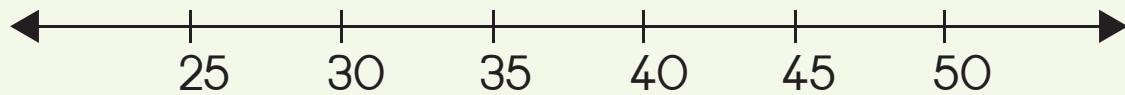


35

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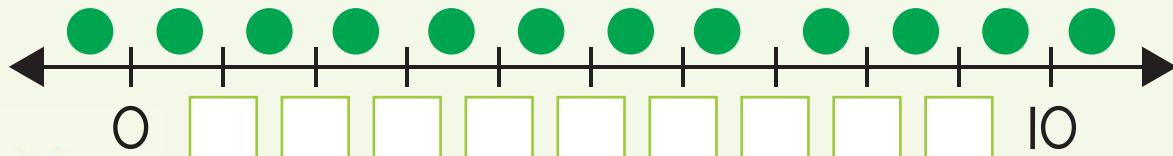
5q

Themo ya 2

Phetheni dza mahumi



Nwalani nomboro dzi no khou tshela.

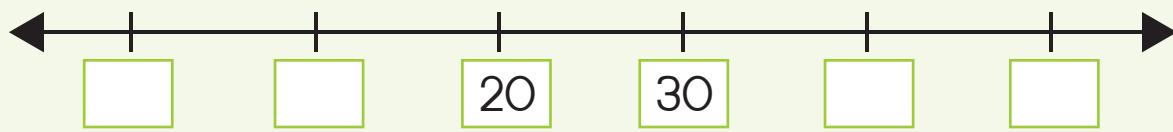


Olani malungu a fumi vhukati ha inthevala ni livhanye nomboro na tshibuloko tshone.



Fhedzisani mutualombalo nga u kopololela nomboro dze na newa zwikhali zwo teaho.

50 30 10 0 50 20 40



124



Fhedzisani bodo ya nomboro nga u shumisa nomboro dza zwigeriwa.

I	2	3	4	5	6	7	8	9	
II	12	13	14	15	16	17	18	19	
2I	22	23	24	25	26	27	28	29	
3I	32	33	34	35	36	37	38	39	
4I	42	43	44	45	46	47	48	49	
5I	52	53	54	55	56	57	58	59	
6I	62	63	64	65	66	67	68	69	
7I	72	73	74	75	76	77	78	79	
8I	82	83	84	85	86	87	88	89	
9I	92	93	94	95	96	97	98	99	

Shumisani nomboro dza zwigeriwa dici no bva murahu ha bugu.



20	40	10	60	90	80
50	30	100	70		

I I2 I3 I4 I5 I6 I7 I8 I9 20



Teacher:
Sign:
Date:



60a

Themo ya 2



Livhanyani mutengo na tshelede.

Nomboro na tshelede



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

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



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Tshelede: noutu (ya mbammbiri) na khoini

Tangedzelani tshelede ya bammbiri/khoini i re na velu khulwane.



R100

R50

R10



R1

R5

R10



R1

50c

5c



R20

R5

R10



Teacher:

Sign:

Date:

60b

Themo ya 2



Nomboro na tshelede (Zwi iswa phanda)

Tangedzelani:

khoini dzot^he dza 5c



khoini dzot^he dza 10c



khoini dzot^he dza 20c



Tangedzelani:

Noutu dzot^he dza R10



Tangedzelani:

Noutu dzot^he dza R20





Tangedzelani khoini dici re kha rou iñwe na iñwe dici no ita 20c.



Tangedzelani noutu dici re kha rou iñwe na iñwe dici no ita R20.



Teacher:
Sign:

Date:

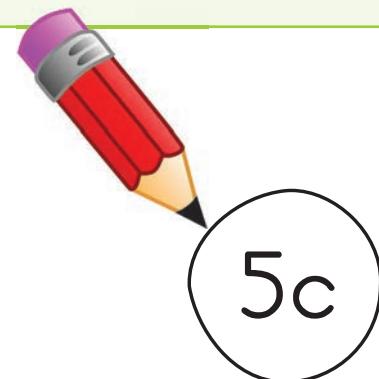


Tshelede na tshintshi



Olanikoini dzine dza do ni nea thanganyelo ya:

a.



10c

b.

20c

c.

15c



130



Khalarani phindulo yone.

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



Ndi na tshelede heyi kubanngani kwanga.
Ndi nga renga mini ngayo.



Teacher:
Sign:
Date:



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Themo ya 2



Tshelede na tshintshi hafhu

Tusani 5c nthihi. No salelwa nga vhugai?



5c



Ho sala vhugai?





Ho sala vhugai? Livhanyani zwi tevhelaho.



5c



20c



15c



10c



Teacher:
Sign:
Date:



11

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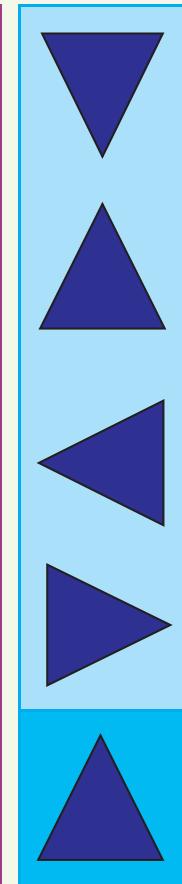
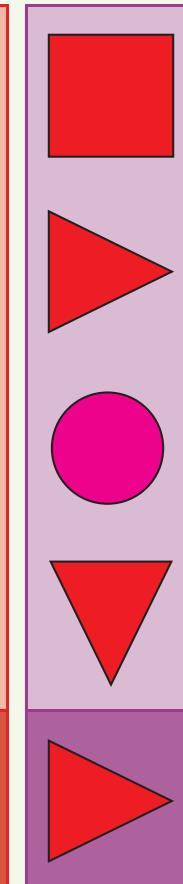
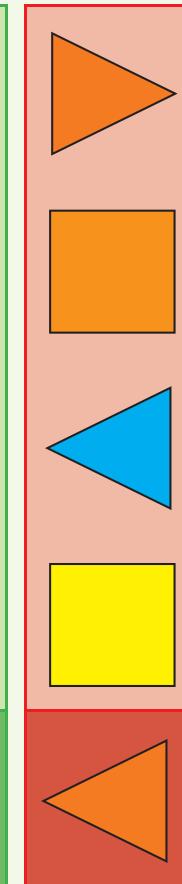
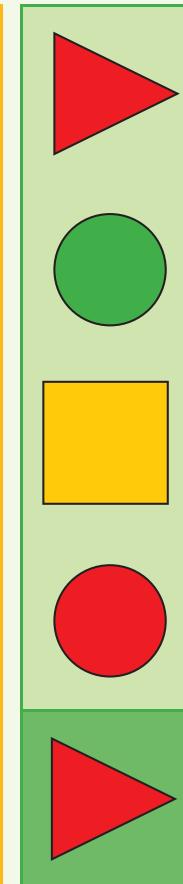
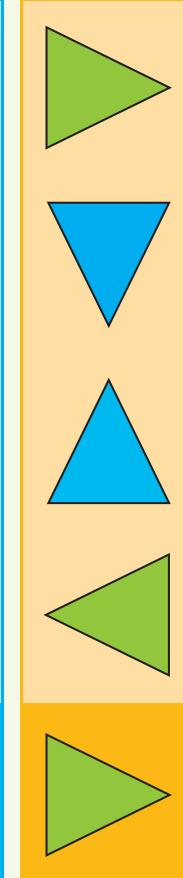
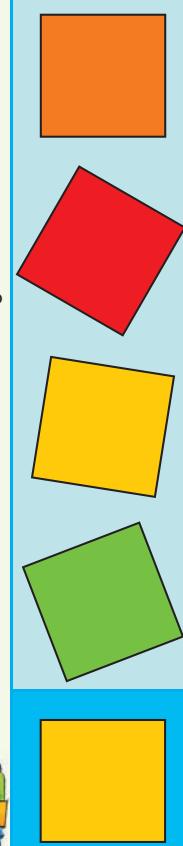
18

19

20

Zwivhumbeo, nzulele na kuimela

Wanani ni tangedzèle tsrivhumbeo tshi re na tshivhumbeo na nzulele zwi no fana na zwa tshivhumbeo tshi re tshibogisini tsha u thoma.



Tangedzeleni phindulo dici re dzone.



Ndi phukha ifhio i re phanda ha ndou?

Ndi phukha ifhio i re murahu ha mmbwa?

Ndi phukha ifhio i re vhukati ha mbiđi na mmbwa?

Arali mmibwa ya tshimbilela phanda i do gekhana na tshipuka tshifhio?

Arali indou ya naga tshimbilela murahu i do gekana na tshipuka tshifhio?

Ndi phukha ifhio i re vhukati ha rou?

Ndi phukha ifhio ine ya vha yau thoma kha muduba?

Ndi phukha ifhio ine ya vha yau fhedza kha muduba?



Teacher:
Sign:
Date:

64a

Phetheni dici re na zwivhumbeo

zwa dzhometiri

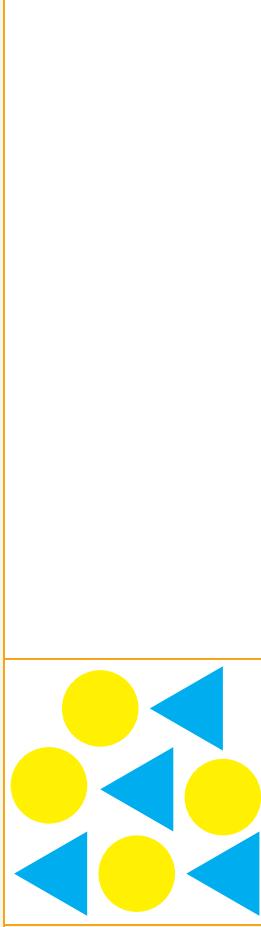
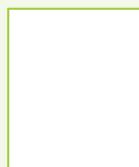
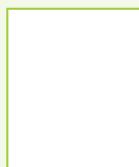
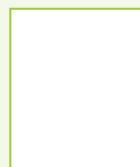
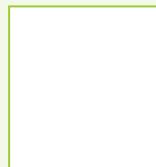
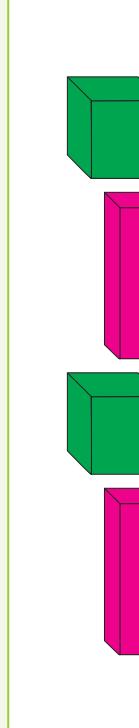
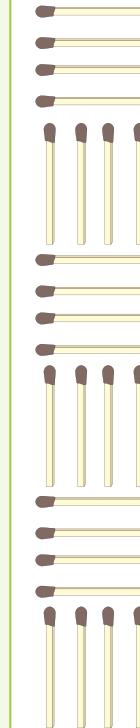
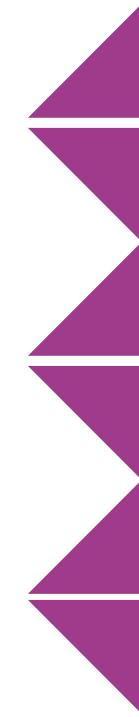
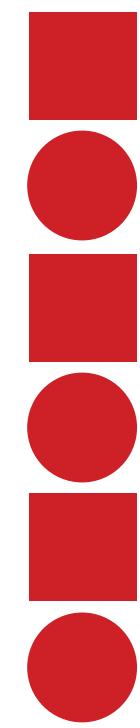
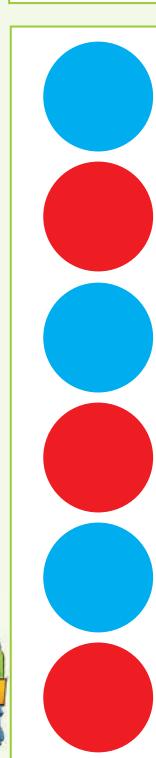
Tharamudzani phetheni nga tshivhumbeo tshinwe tshihhi.

Itani phetheni ya inwi munœ nga zwivhumbeo zwe na œnewa.



Itani phetheni ya inwi munœ nga zwivhumbeo zwe na œnewa.

Themo ja 2



Teacher:
Sign:
Date:



137

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136

Zwivhumbeo zwa 2-D na zwithu zwa 3-D

Khalari zwivhumbeo.

Khalarani zwilkwea nga muvhala mutswuku .

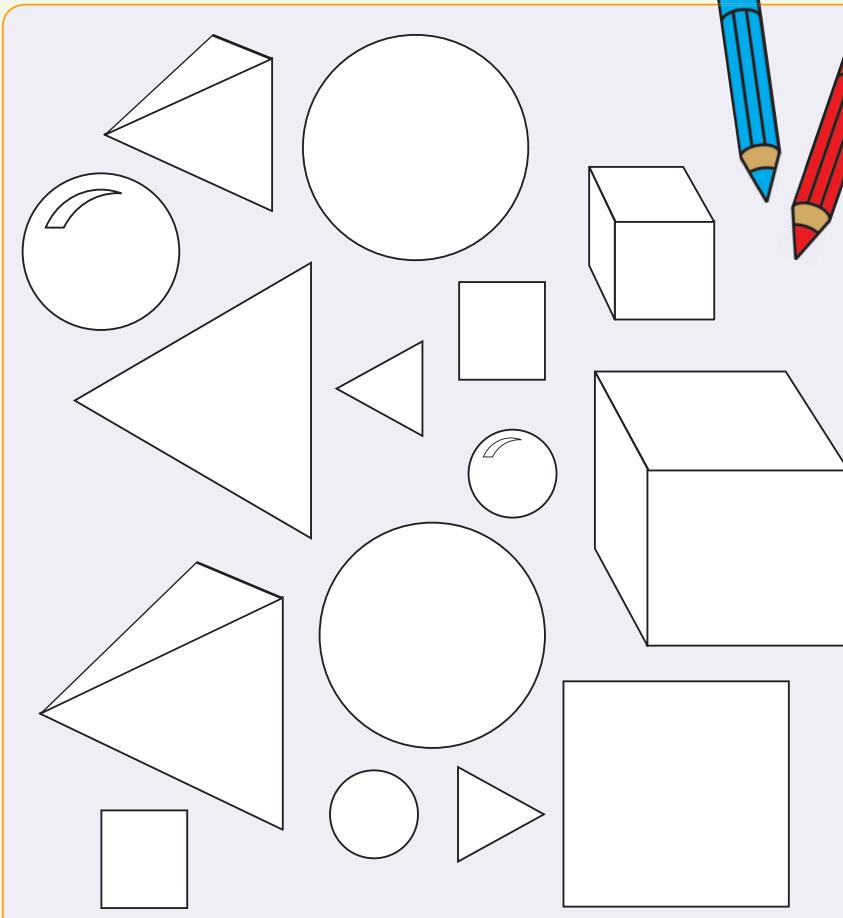
Khalarani zwitendeledzi nga muvhala wa lutombo .

Khalarani rekithiengéla nga muvhala mudala .

Khalarani khubu nga muvhala wa tada .

Khalarani zwipulumbu nga muvhala wa phéphulu .

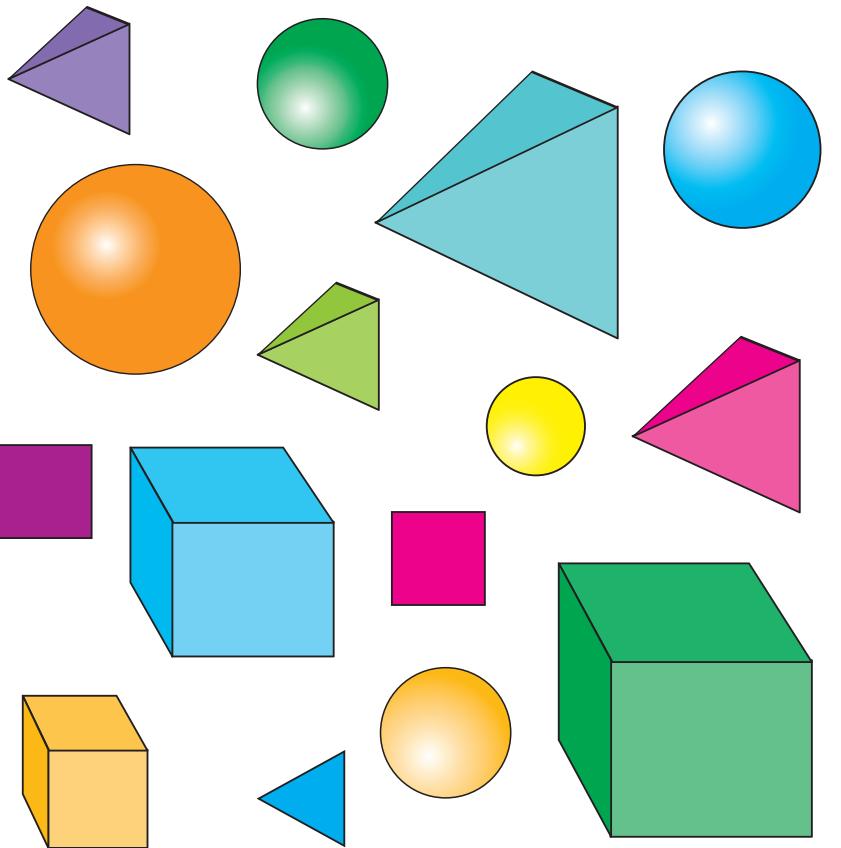
Khalarani phirizimu nga muvhala wa tshitopana .

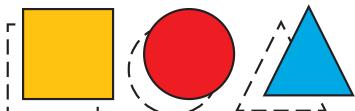


Zwivhumbeo na zwithu zwa tshiomate

Tangedzelani zwivhumbeo.

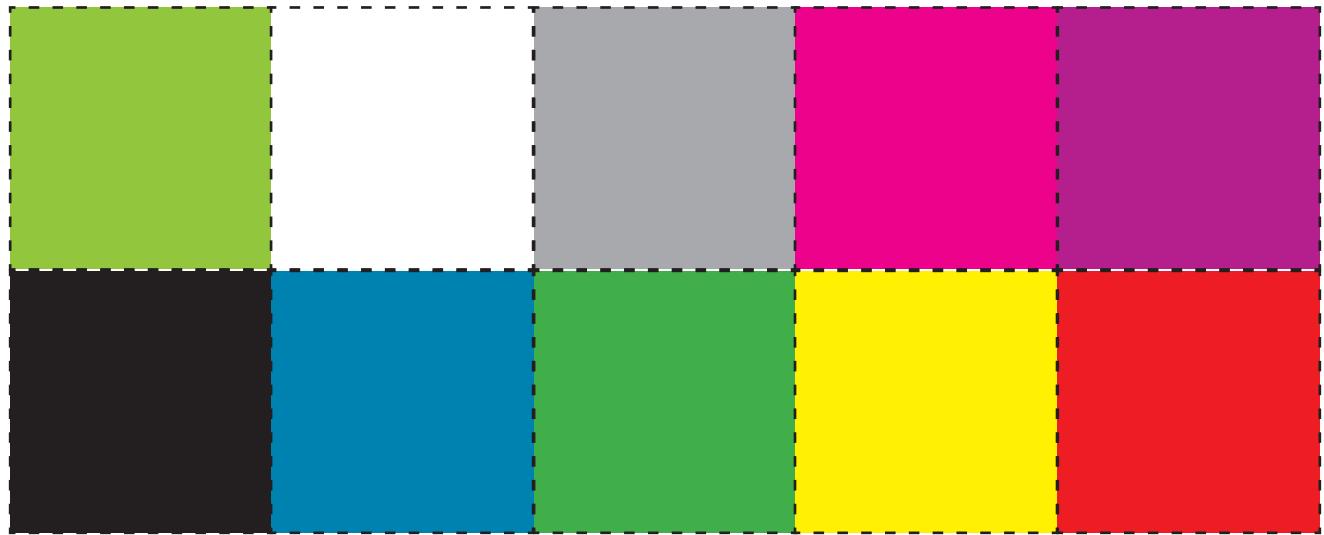
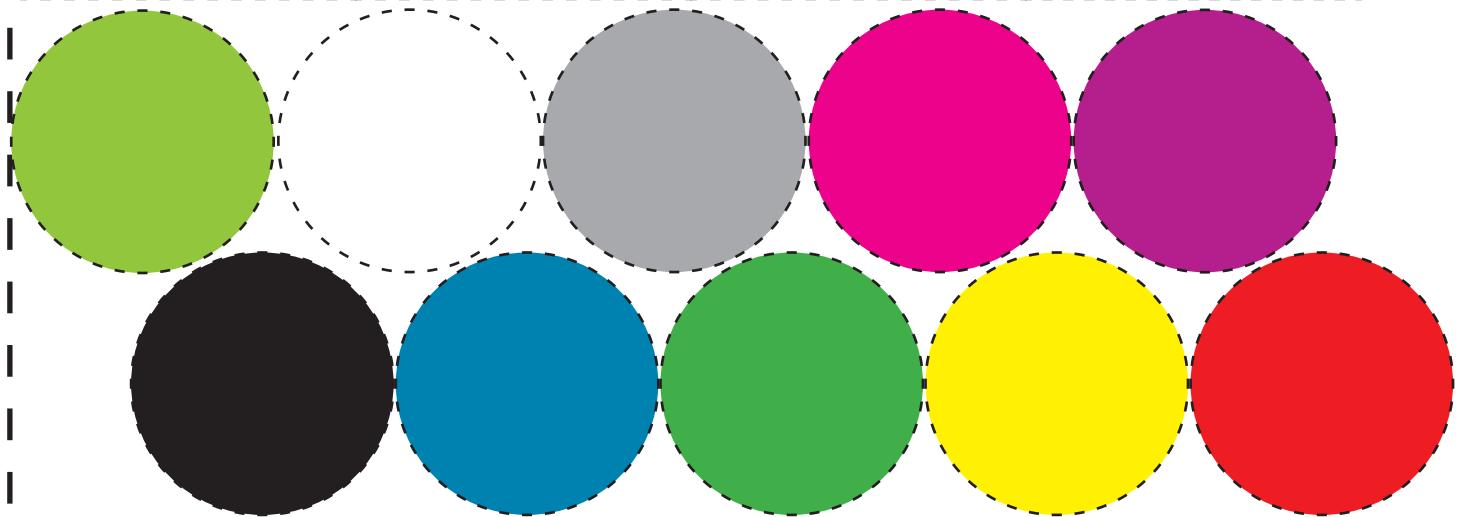
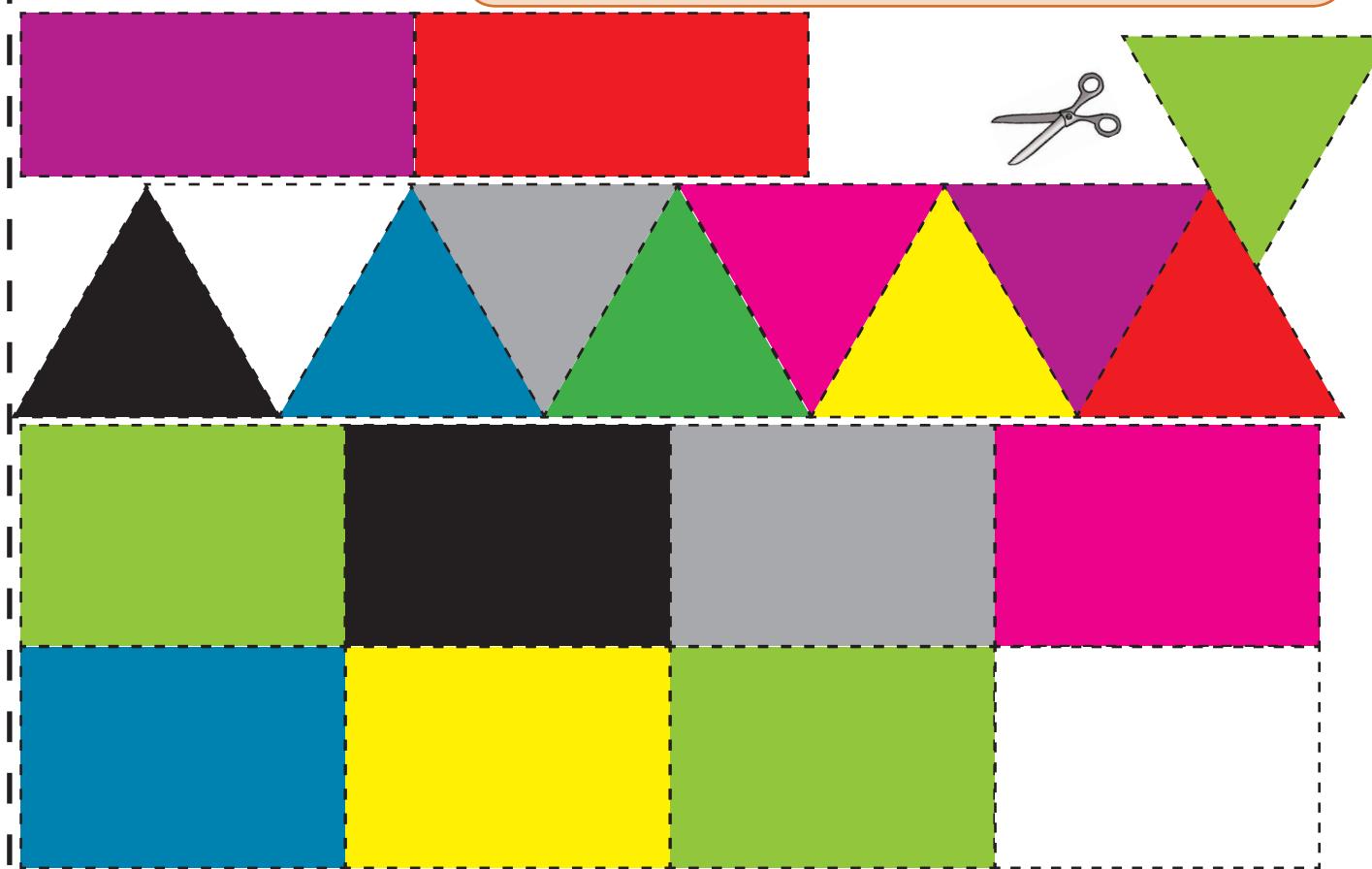
Tangedzelani  nga muvhala mutswuku.
Tangedzelani  nga muvhala wa lutombo.
Tangedzelani  nga muvhala mudala.

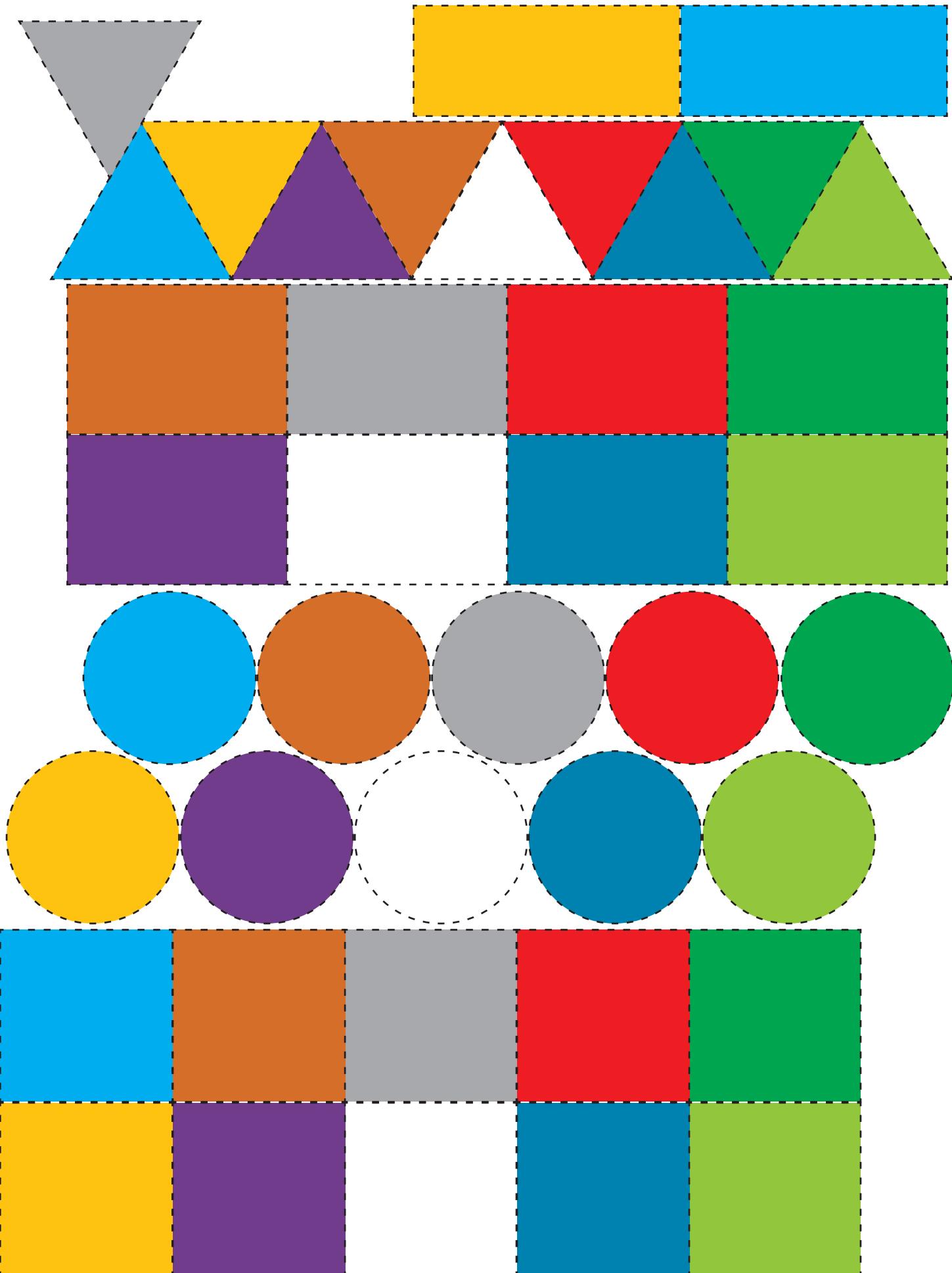


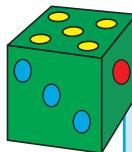


Shapes:

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

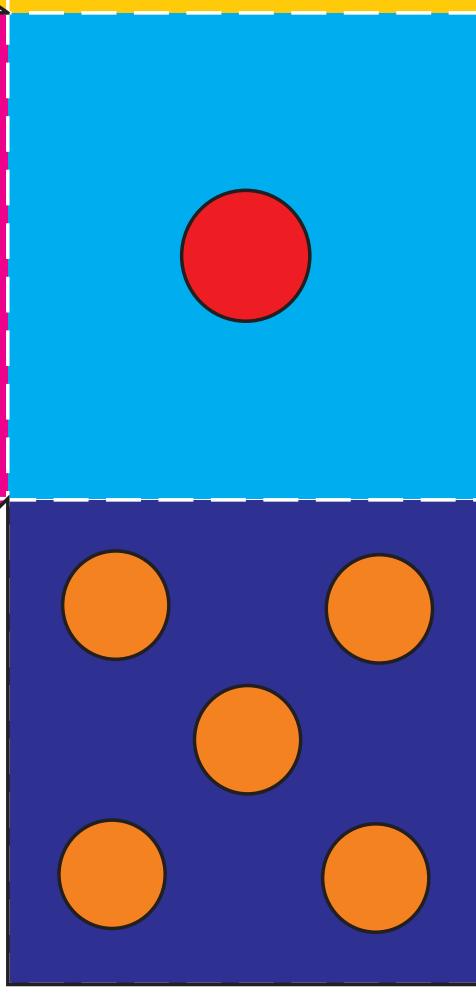
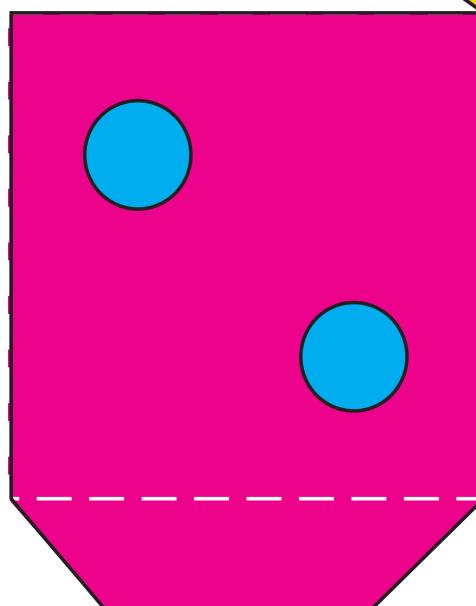
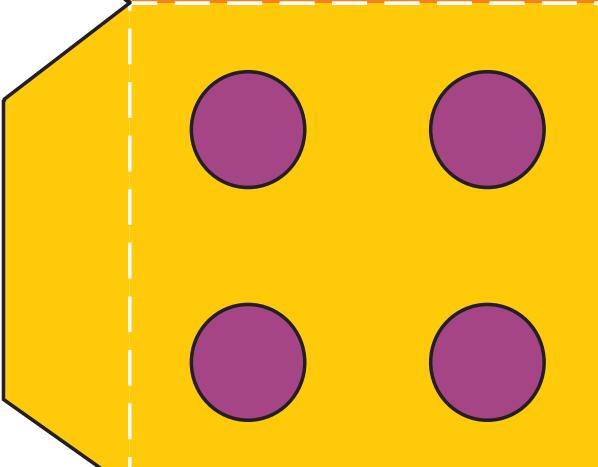
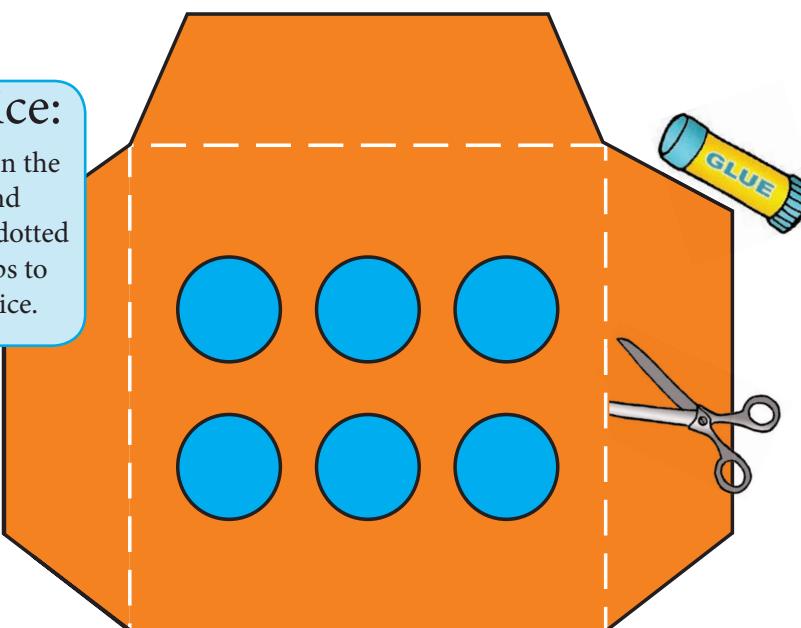






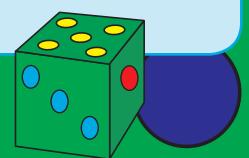
Make a dice:

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



The game:

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



Use these cut outs
numbers to complete
the number board.



20 40

10 60

90 80

50 30

100 70

