



Vho Angie Mutshekga Minista
wa Muhasho wa Pfunzo ya
Muteo



Vho Enver Surty.
Muthusaminista wa Pfunzo ya
Muteo

Bugu idzi dzo iwlwala 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 khwi isa vhukoni ha vhagudi vha Afrika Tshipembe vha gireidi dza rathi dza u ranga. Sa tshihiwe tsha zwithu zwiulwane zwa Pulanetschumisi (Action Plan) ya Muvhuso. thandela iyi yo konadzea nge ya lambedzwa lu sa vhudziswi nga Muhasho wa Gwama ja Lushaka (Thirezhari).

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

Ri na fulufhelo lauri bugu idzi dzi do thusa vhadededzi (vhagudisi) mushumoni wavho wa u funza wa duvha liniwe na liniwe khathihi na u vha na vhuhanzi uri vha khunyeledze kharikhu amu yotho. Ro ita nga vhouronwane 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 mbiluni uri vhana vha do diphi a nga u shumisa bugu idzi zwenezwi vha tshi khou aluwa na u guda. khathihi na uri na vhonevho, sa mudededzi, vha do diphi a na vhana avha.

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



MATHEMATICS IN TSHIVENDA GRADE 1 – BOOK 1

TERMS 1 & 2

ISBN 978-1-920458-91-1

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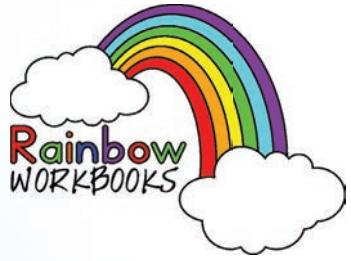
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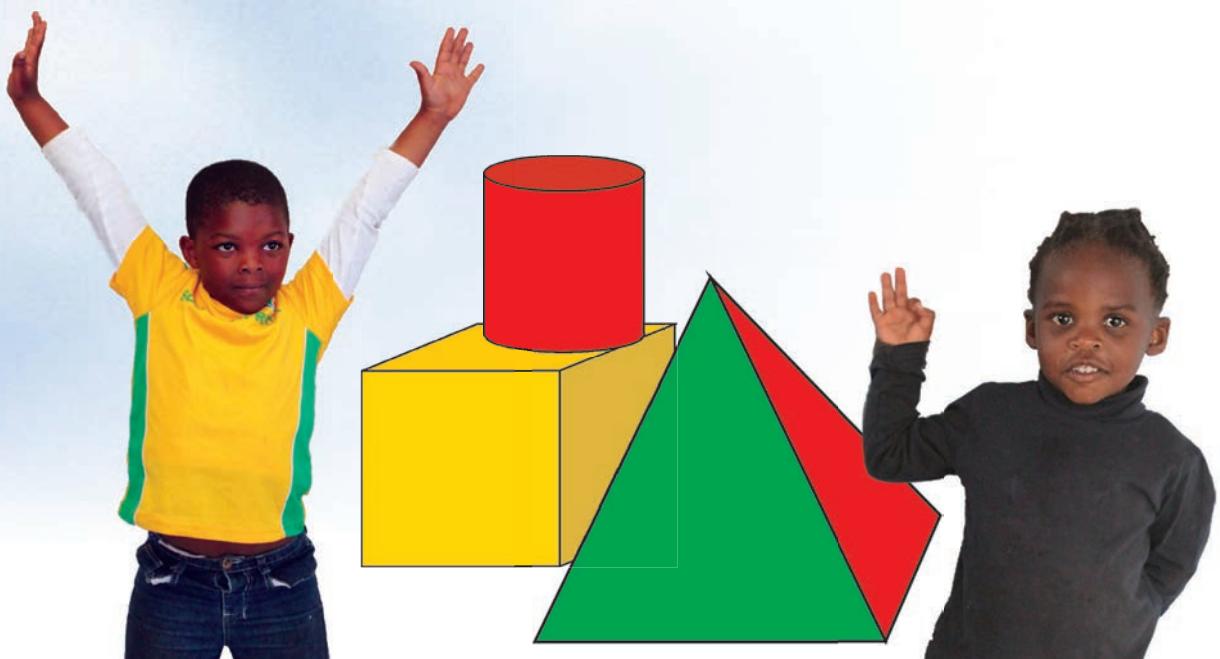
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Themo
1 & 2

Gireidi ya



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NGA TSHIVENDA



Bugu iyi ndi ya:

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Mvusuludzo: U ḫala na u livhanya

Thusani musidzana uri a wane thoyi dzawe.

UTHOMA



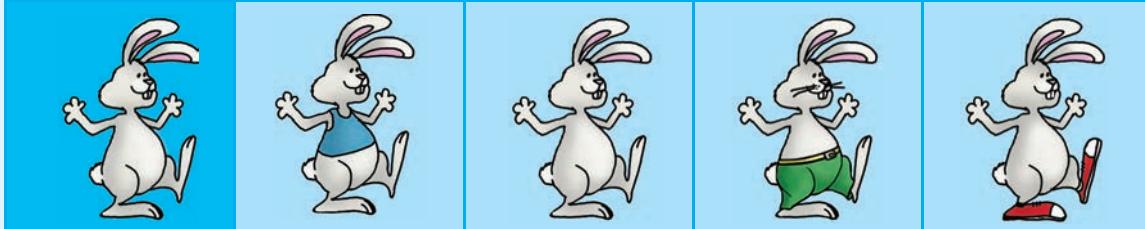
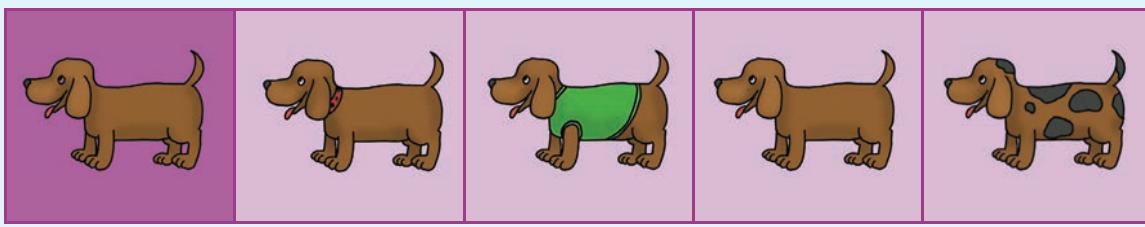
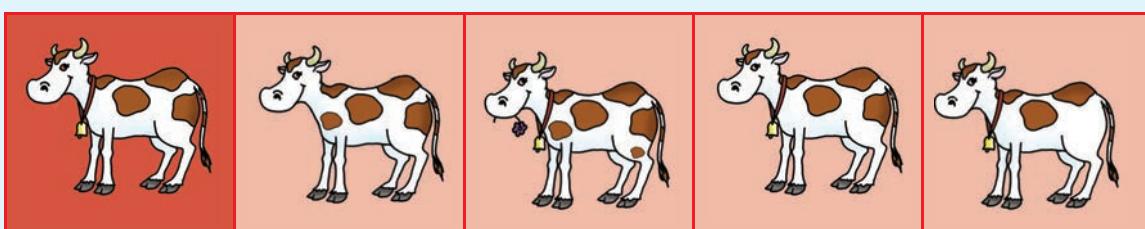
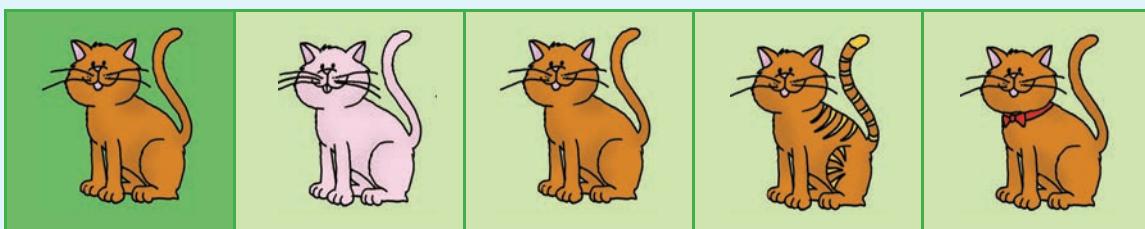
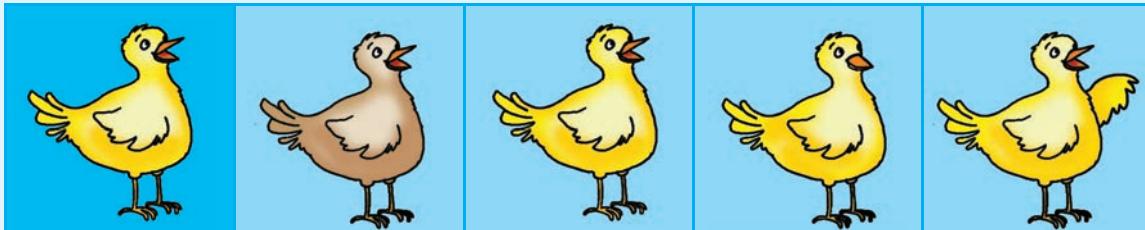
MUGUMO





U livhanya

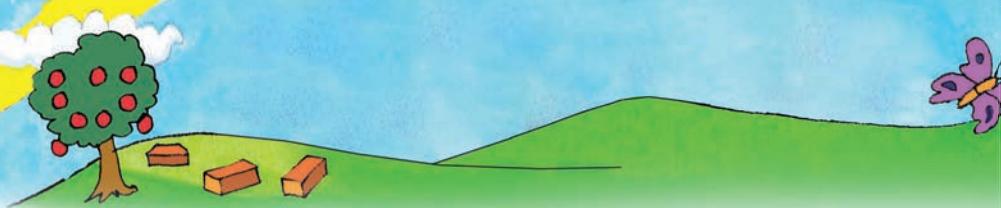
Wanani tshifanyiso tshi no fana na tshi re tshibogisini tsha u thoma.



Teacher:
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Date:





Mvusuludzo: U vhekanya nga mivhala na u tevhedzela phetheni



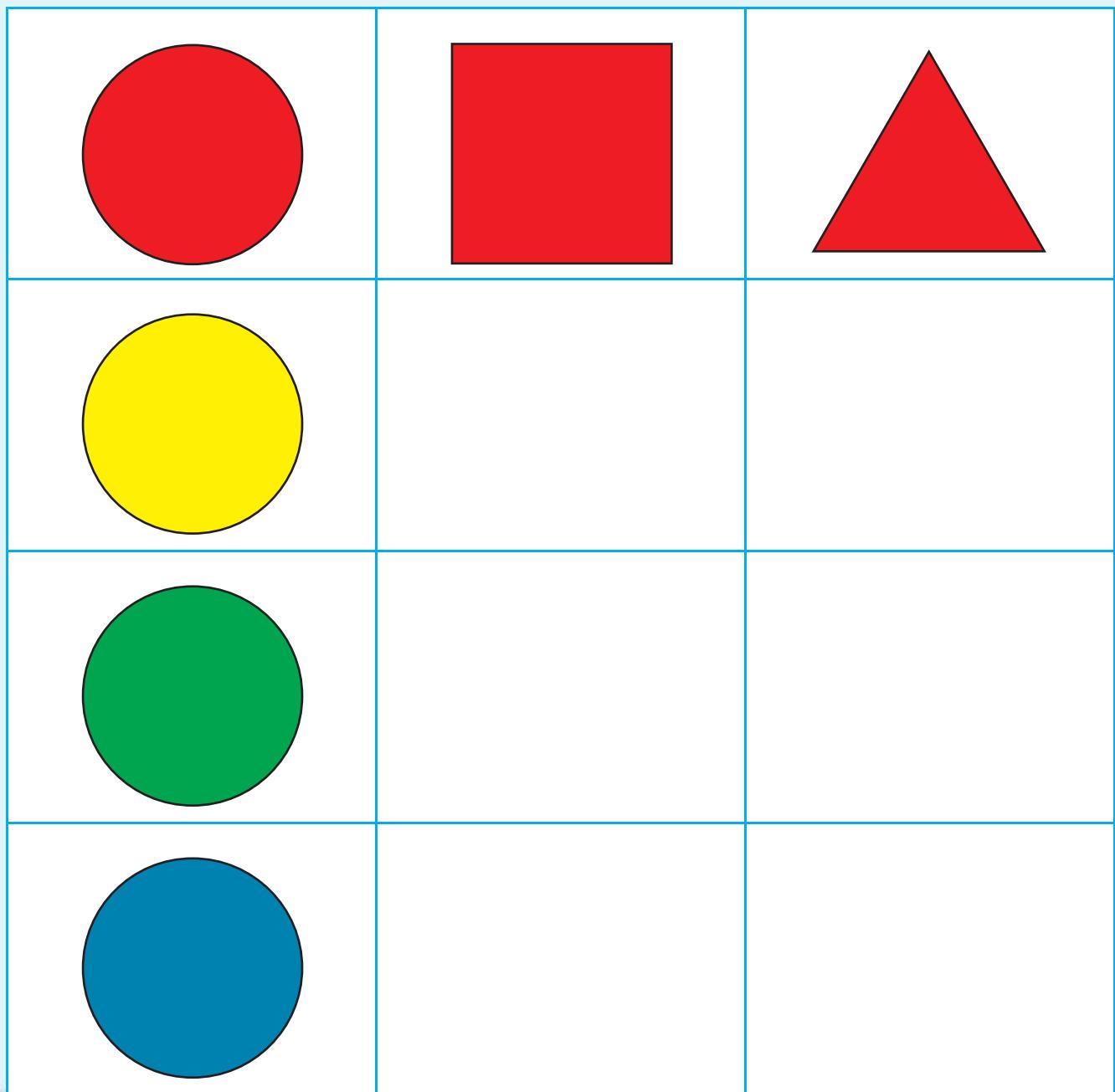
Vheyani zwivhumbeo izwi nga mivhala, zwibogisini.

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.

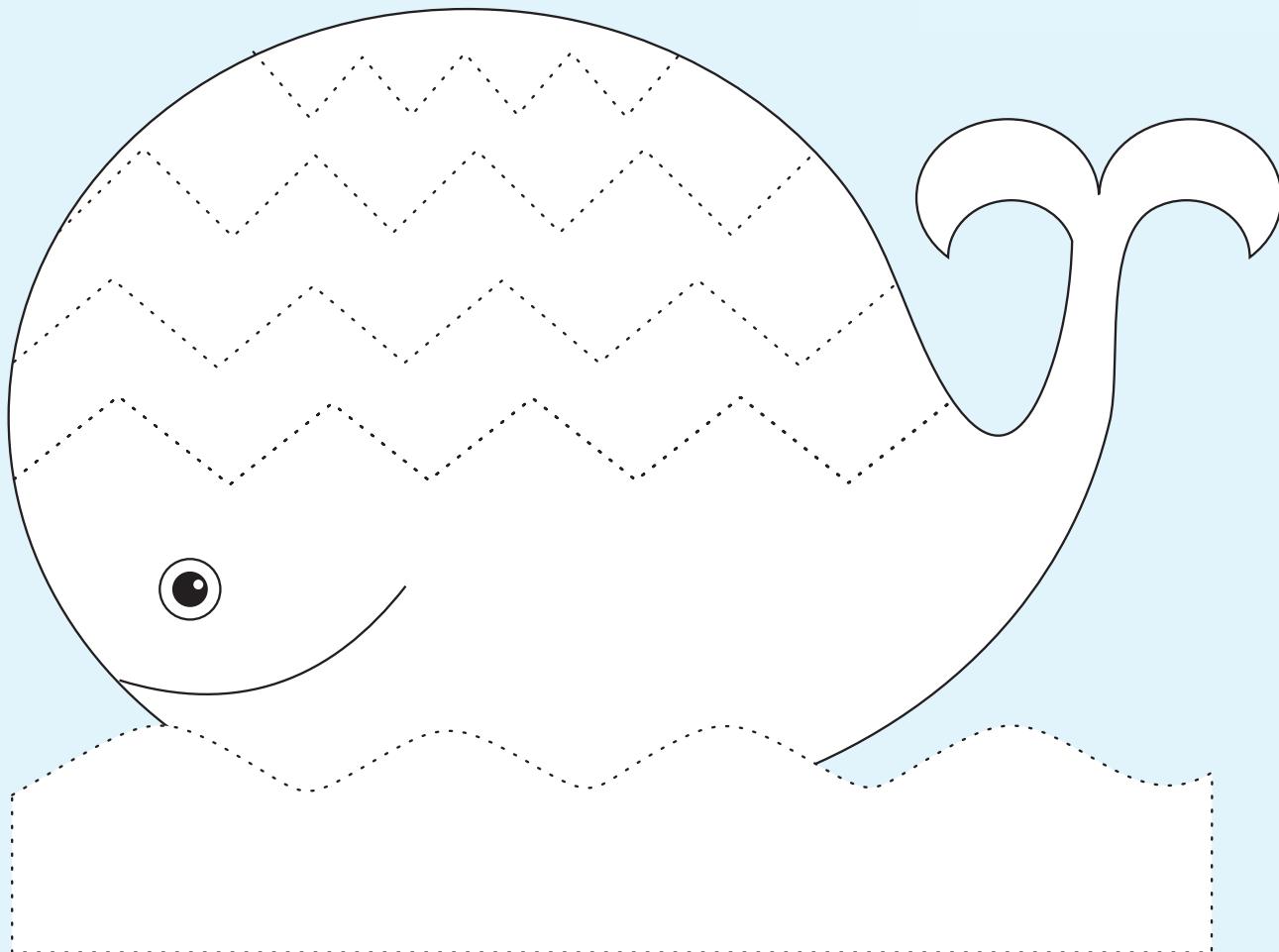




Bola na zwibogisi



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



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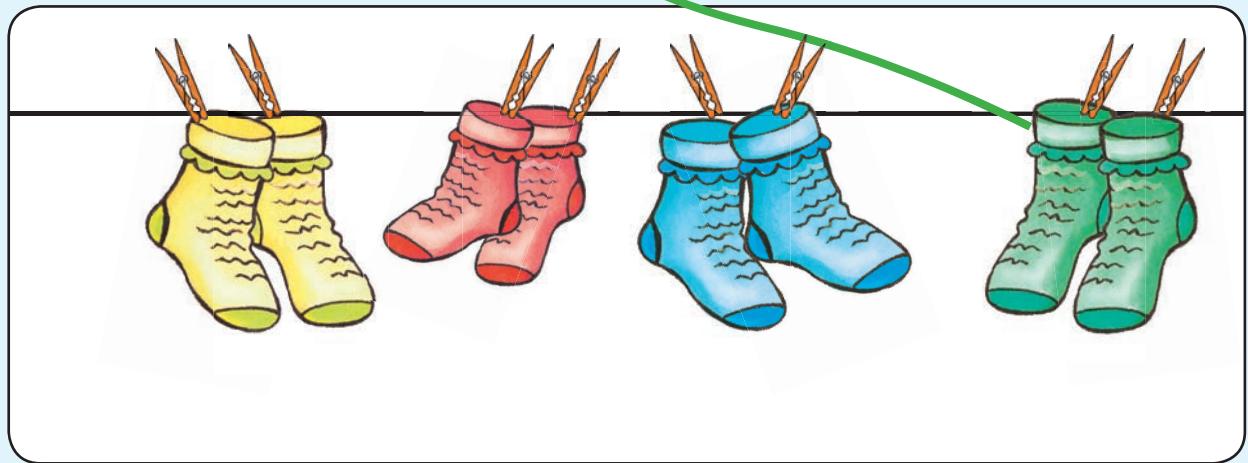
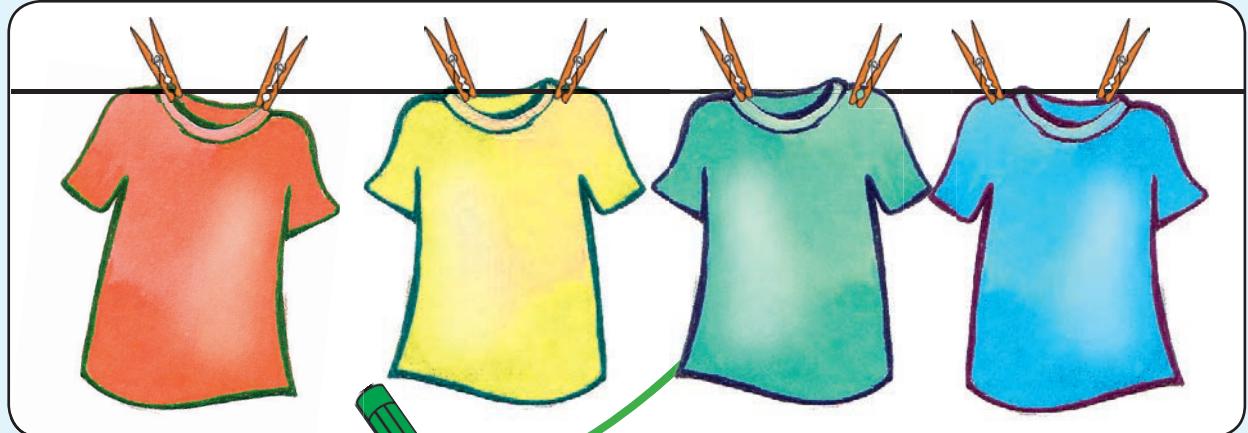
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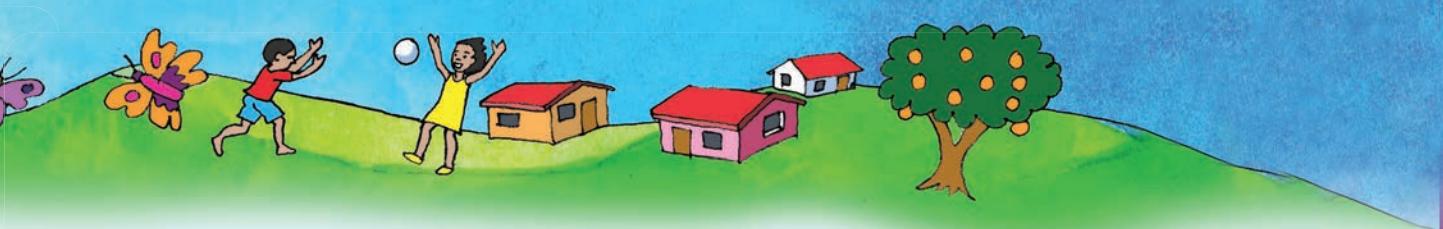


Mvusuludzo: Mivhala na phetheni

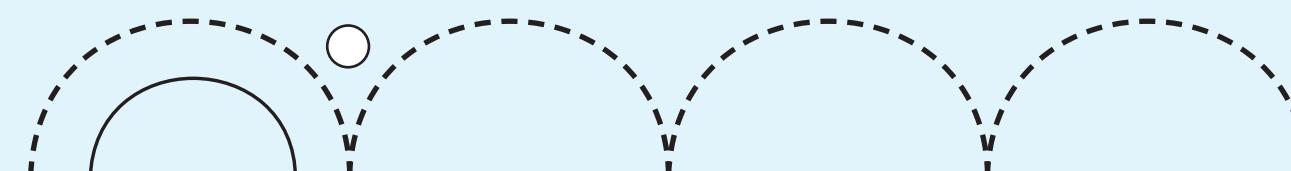
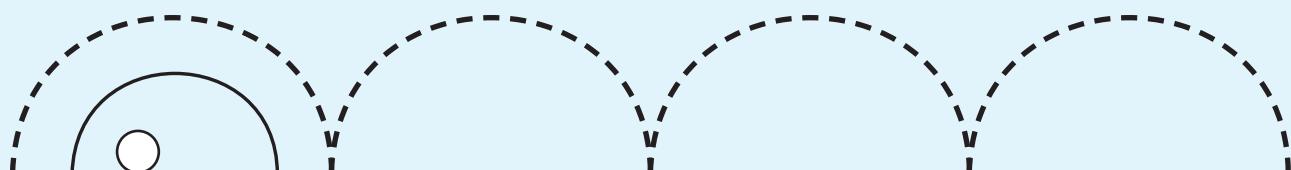
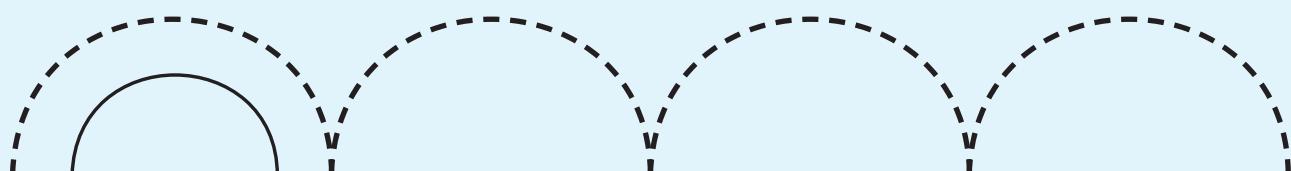


Talani mutalo wa u livhanya zwiambaro zwa mivhala i no fana.





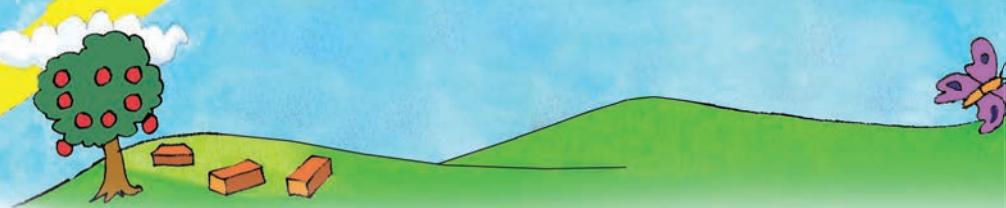
Thomani u tevhedzela phetheni ni tshi shumisa munwe ni kone u tevhedzela nga khirayoni kana penisela. Phetheni ya u thoma kha rou iñwe na iñwe i ñ do ni dededza tshifhinga tshoñhe.



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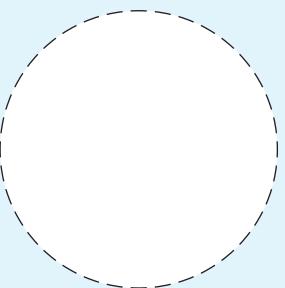
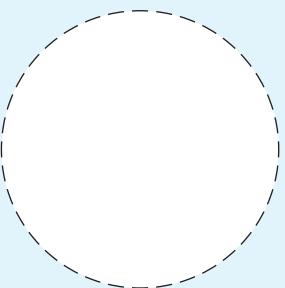
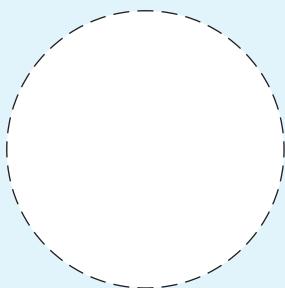
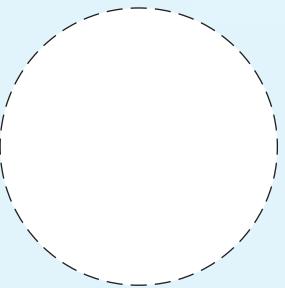
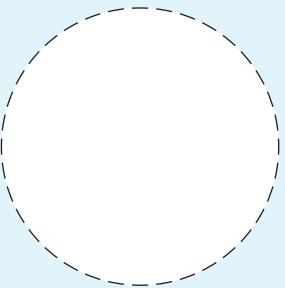
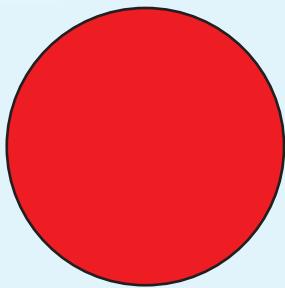




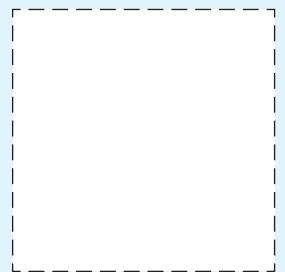
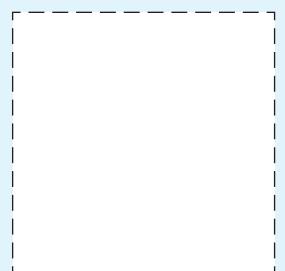
Mvusuludzo: U vhekanya na u tevhedzela zwivhumbeo



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

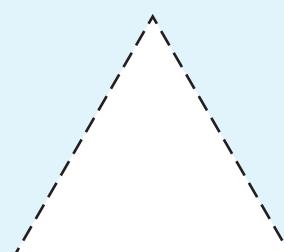
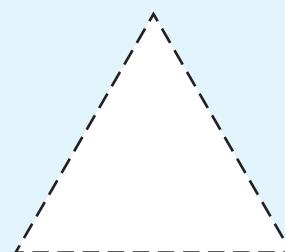
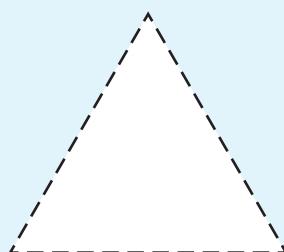
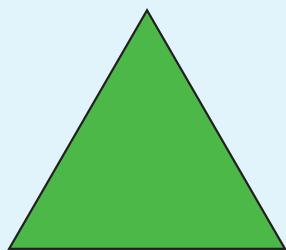


Wanani zwigeriwa
zwa zwitendeledzi
zwa u gera murahu
ha bugu ni zwi
dzhenise zwikalani
izwi.

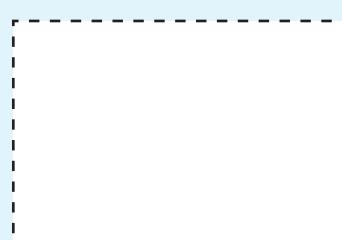
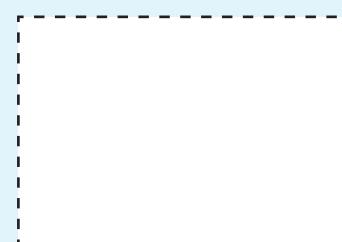
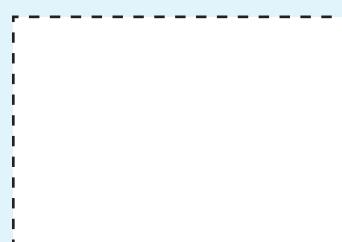




Wanani thiraiengele
dza u gera murahu ha
bugu ni dzi dzenise
zwikalani izwi.



Wanani misendo (daimane) ya u gera murahu ha bugu
ni i dzenise zwikalani izwi.



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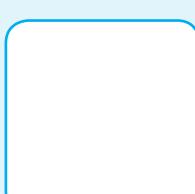
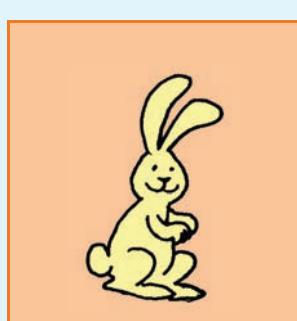
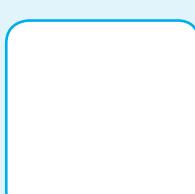
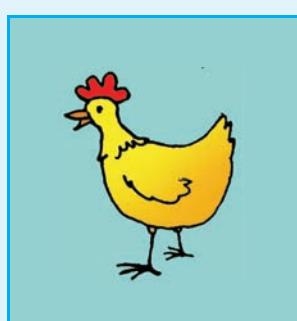
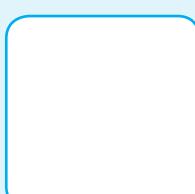
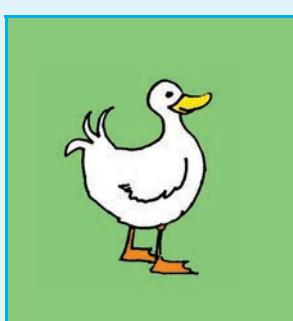
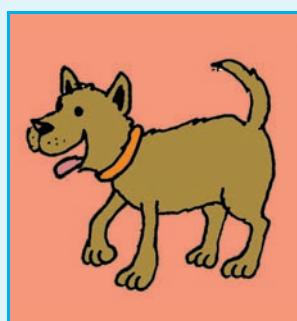
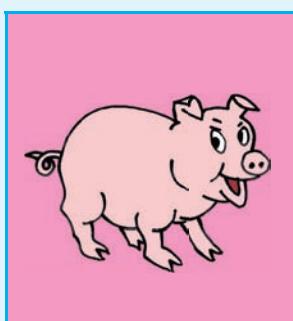
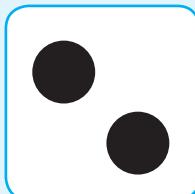
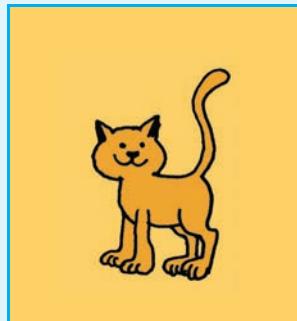
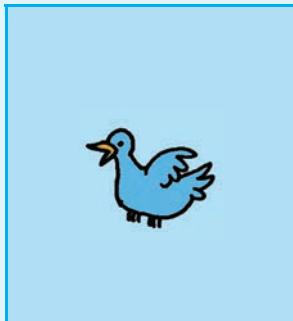


Mvusuludzo: Wanani ni vhale

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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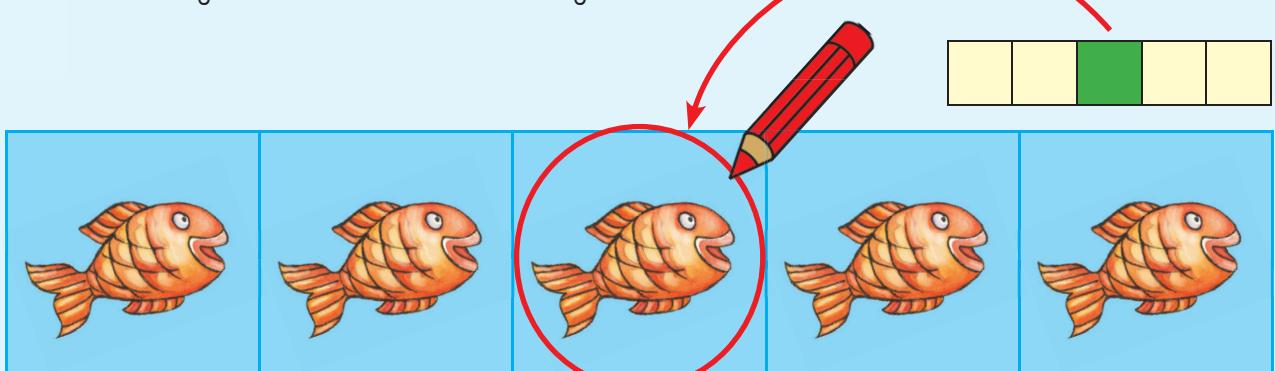
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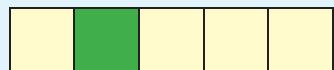


Mvusuludzo: Vhuimo

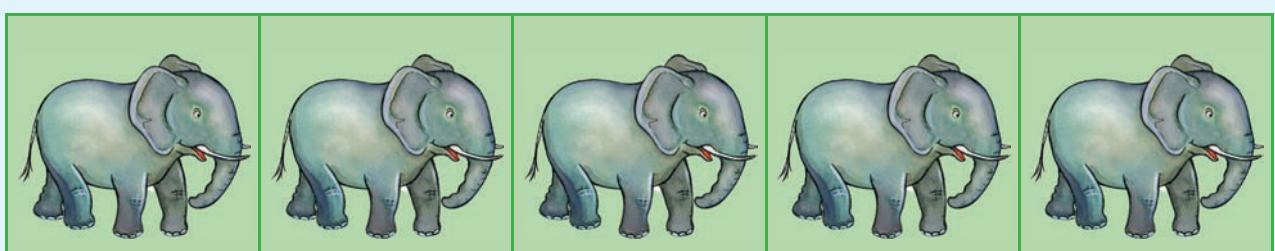
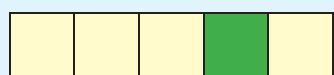
Tangedzelani tshipuka tshi re kha kha rou i re afho fhasi ni tshi sumbedza uri tshi kha vhuimo hu no fana na tshibuloko tsha muvhala mudala kha muduba uyo. Ro dzula ro ni itela tsumbo kha ya u thoma.



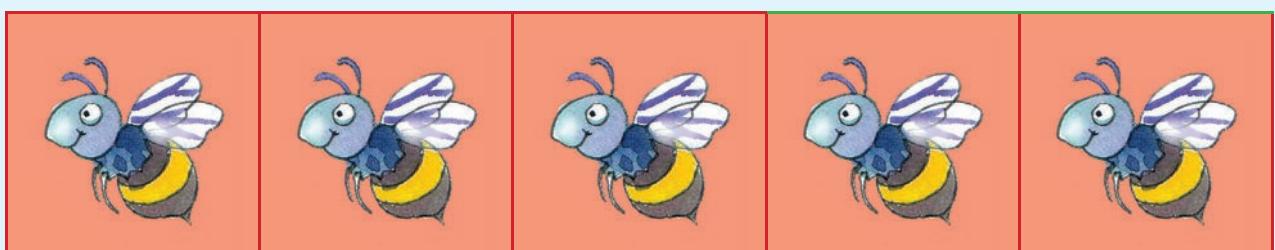
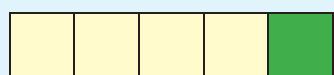
Tangedzelani tshipuka tshi re kha vhuimo uvhu kha rou (muduba) i re afho fhasi.



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

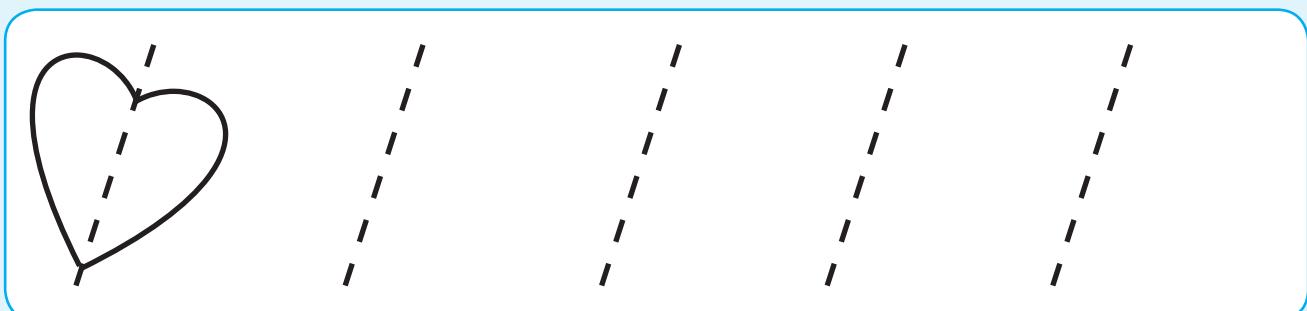
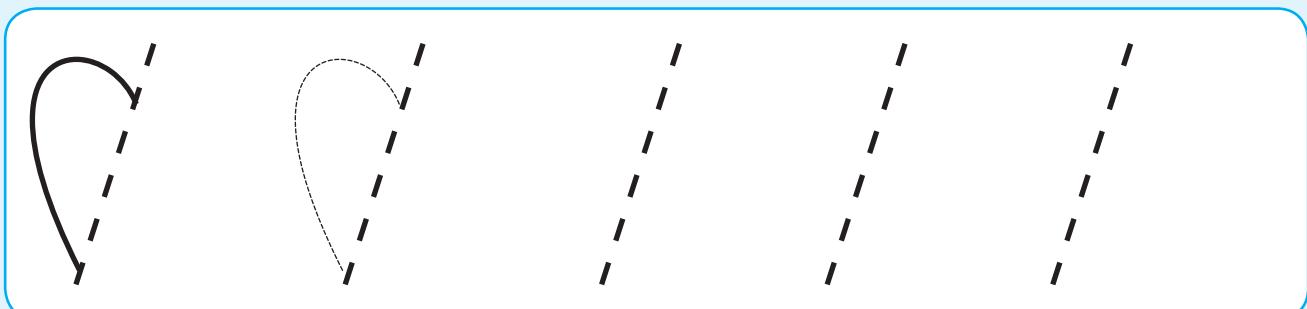
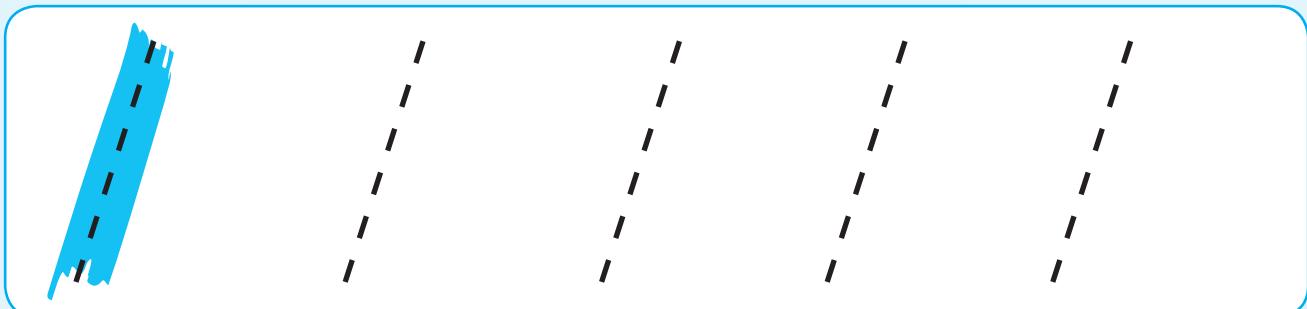


Tangedzelani tshikhokhonono tshi re kha vhuimo uvhu kha rou i re afho fhasi.





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 ñ do ni dededza tshifhinga tshothe.



Teacher:
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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 tshipufufhi (✗). (✓) 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.

Ubaka khekhe.



U ita mushumo wa tshikolo.

U tamba bola ya milenzhe.

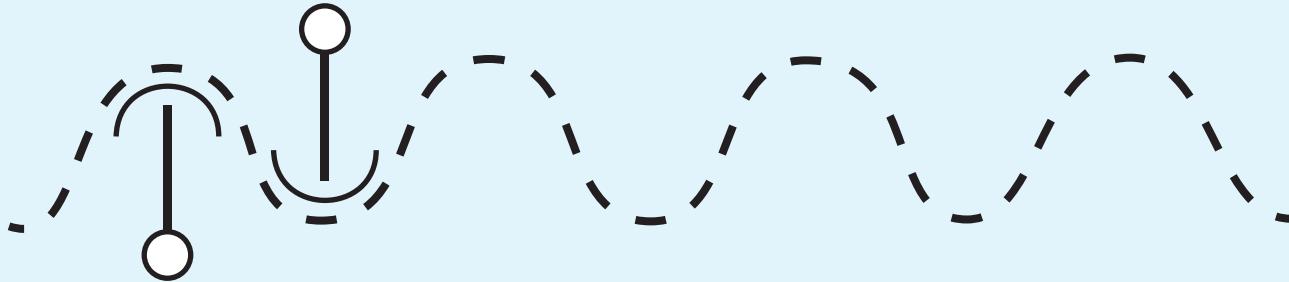
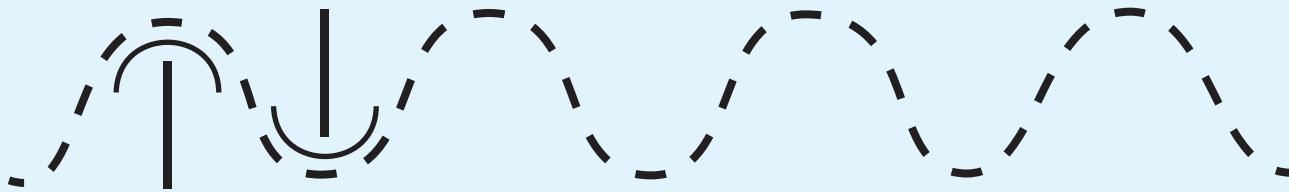
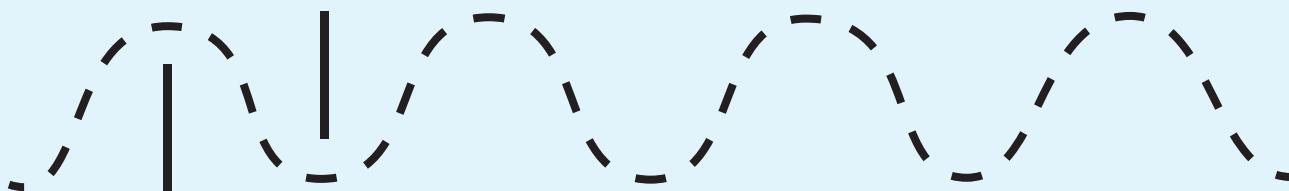
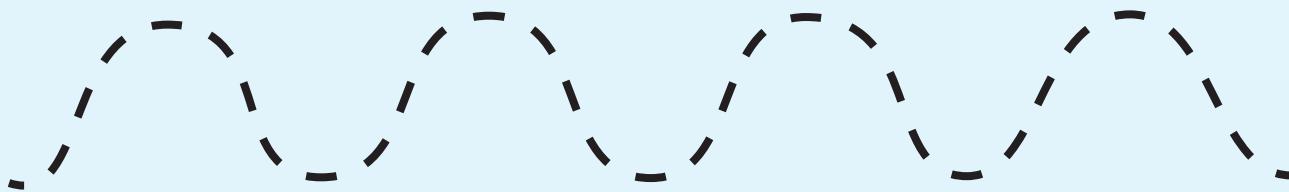


U pennda nndu.

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.



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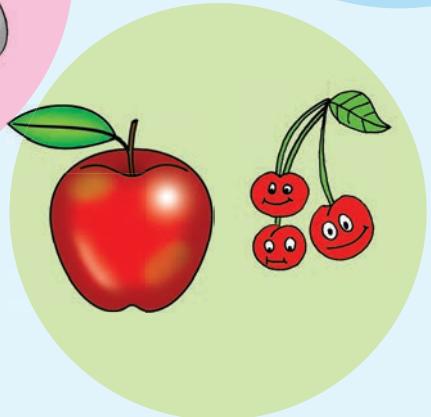
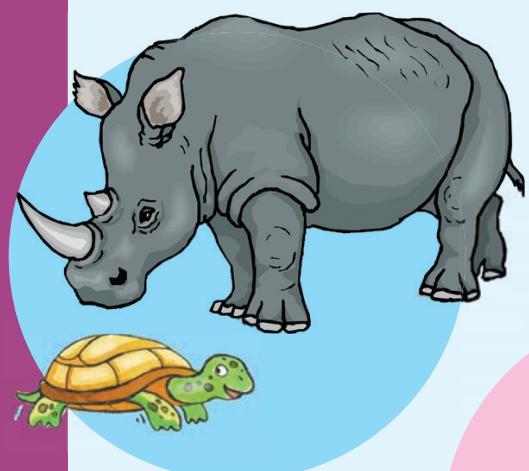
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Mvusuludzo: Zwivhumbeo, saizi na mivhala

Tagedzelani tshi re tshihulwanesa tshif anyisoni tshiñwe na tshiñwe.





U vhala

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



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q

Themo ya |



Thihhi

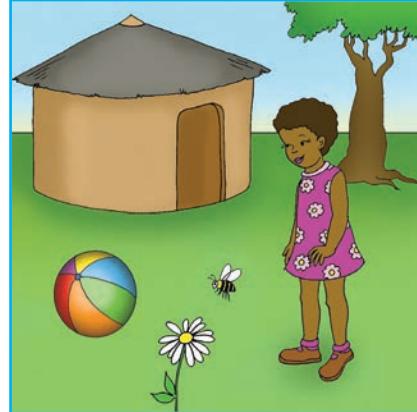
Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ja mbalo.

notshi nthihi

musidzana muthihi

rann̄davhula nthihi

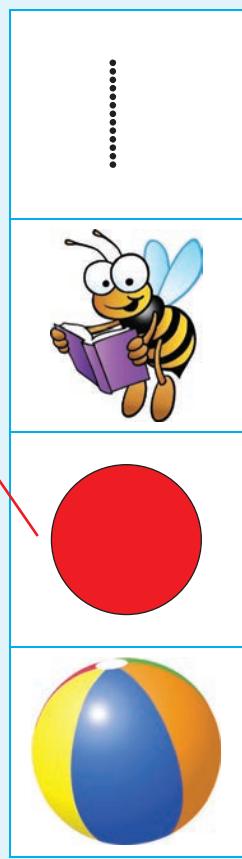
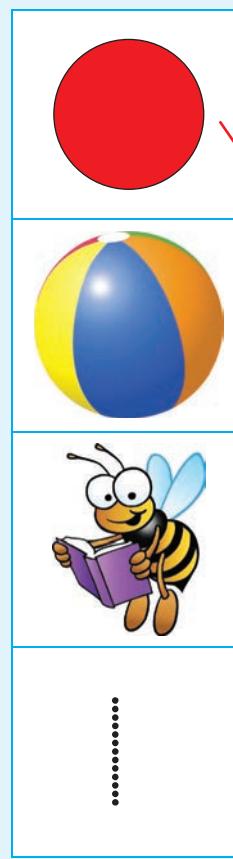
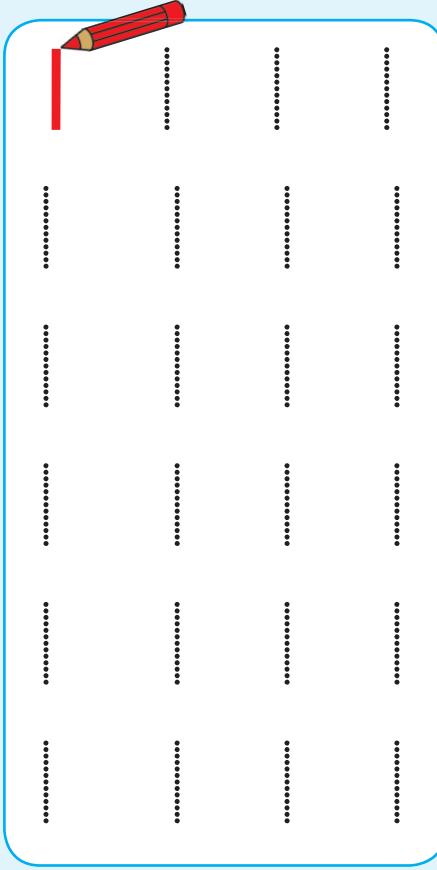
bola nthihi

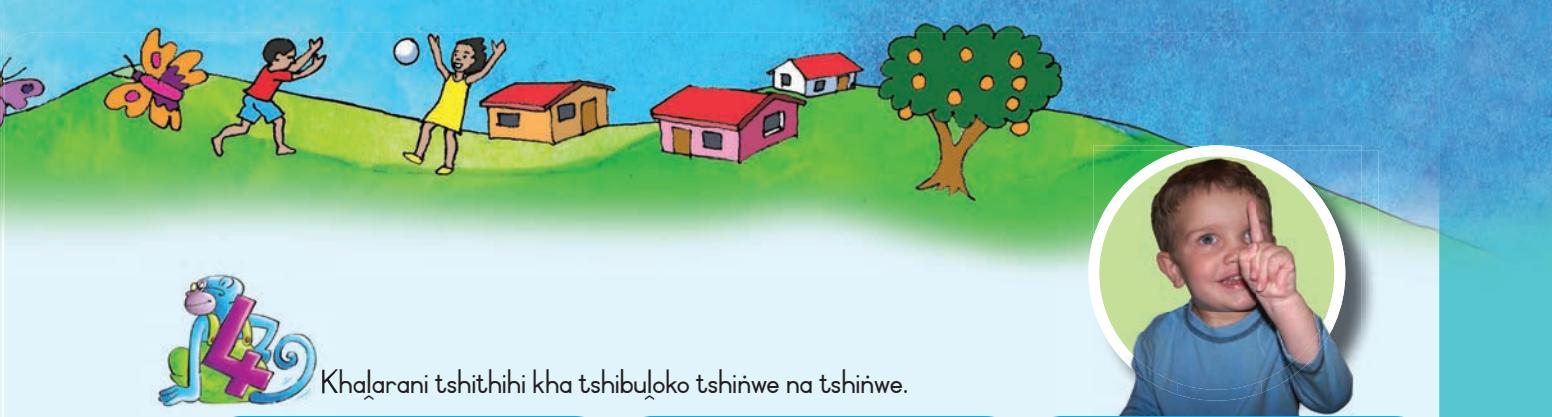


Tevhedzelani nomboro.

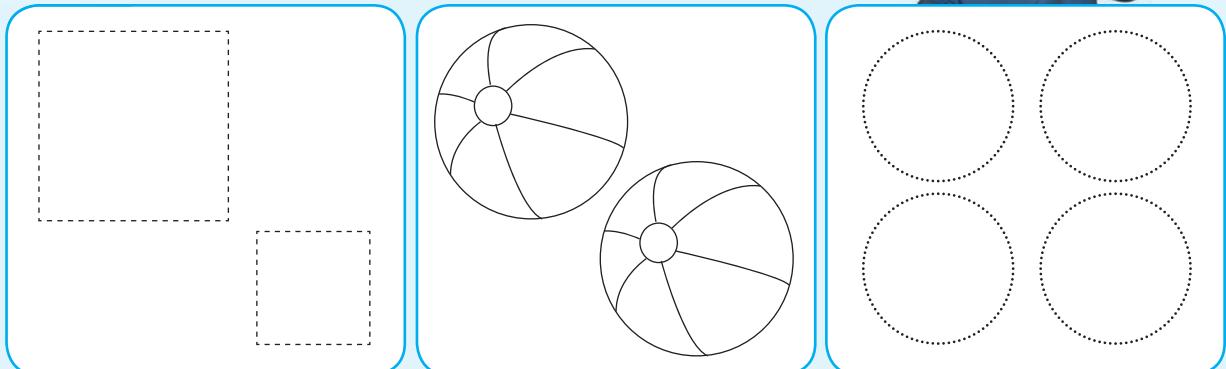


Livhanyani zwifanyiso.

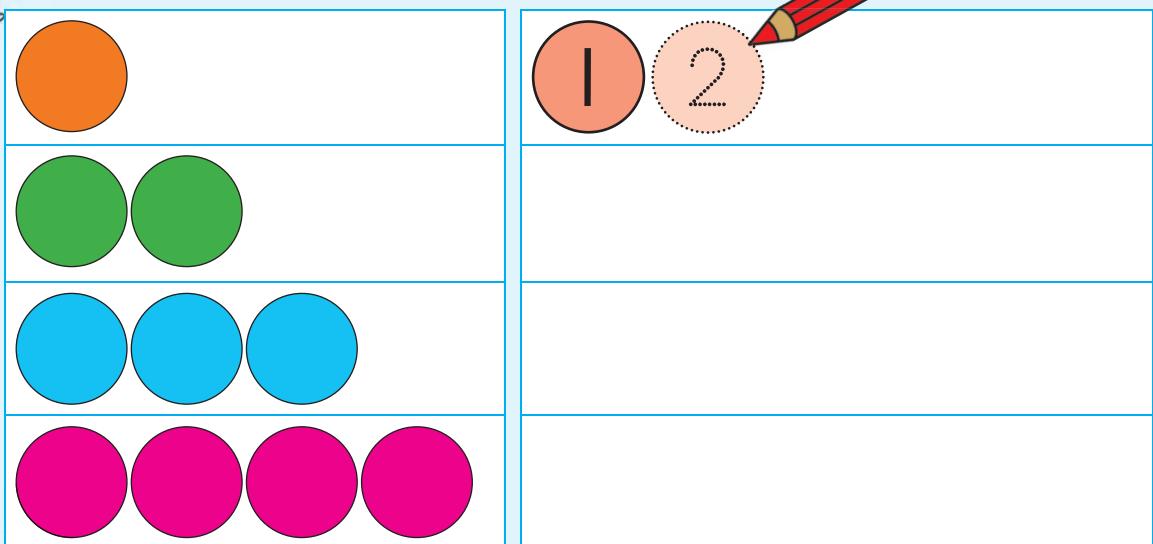




Khalaran i tshithihi kha tshibuloko tshiñwe na tshiñwe.



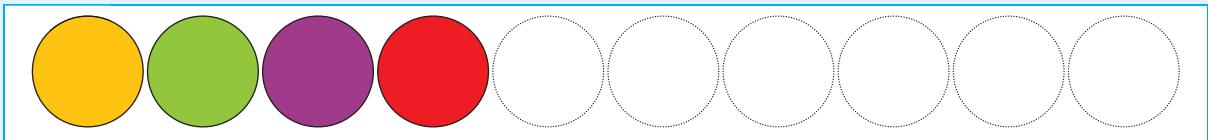
Kopani ni ole tshiñwe hafhu tshithihi.



Itani ndowendewe ya nomboro.



Khalaran i zwitendeledzi ni tshi khou ralo u vhala.



10

Themo ya |



Mbili

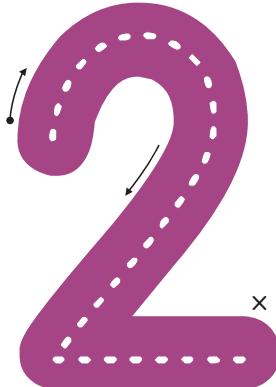
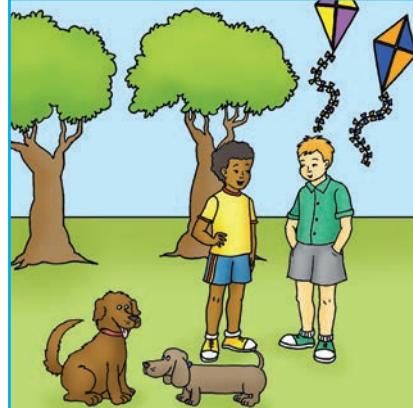
Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ja mbalo.

miri mivhili

vhatukana vhavhili

khaithi mbili

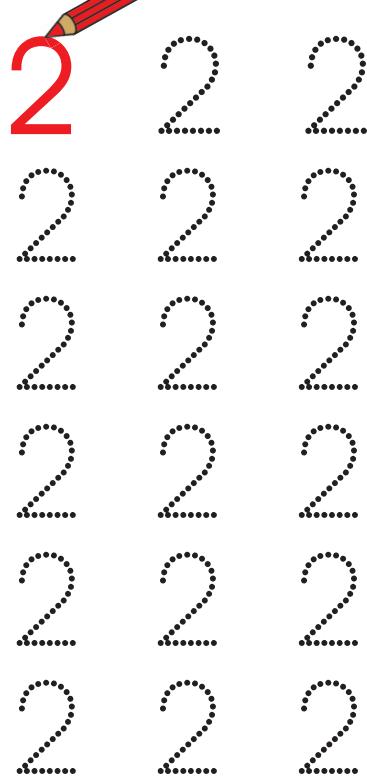
mmbwā mbili



Tevhedzelani nomboro.

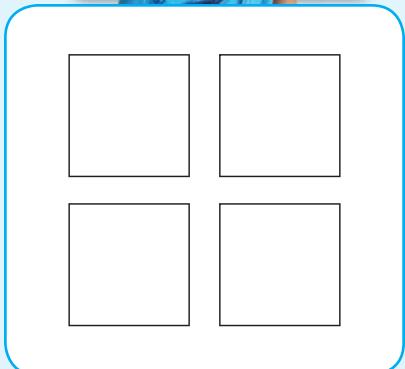
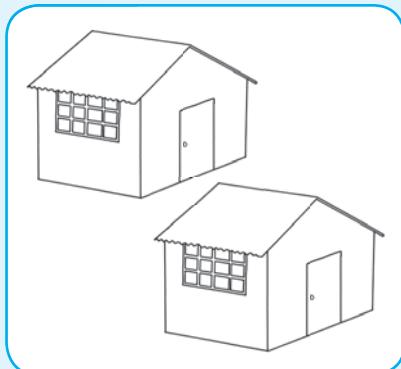


Livhanyani zwifanyiso.

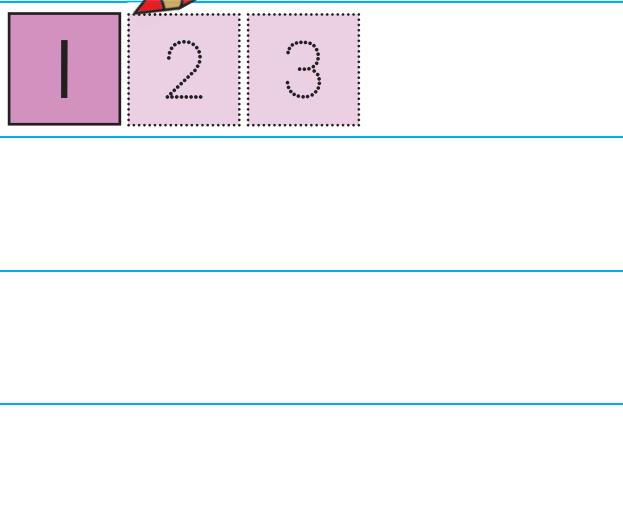
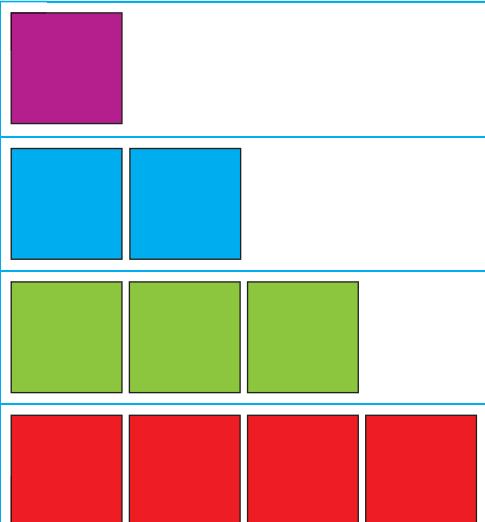




Khalarani zwivhili kha tshibuloko tshiñwe na tshiñwe.



Kopani ni ole zwiñwe hafhu zwa zwivhili.



Itani ndowendowe ya nomboro.



Khalarani zwikwea ni tshi khou ralo u vhala.





Raru

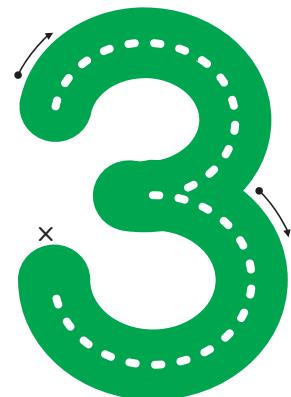
Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ja mbalo.

masekwa mararu

khumba tharu

maluvha mararu

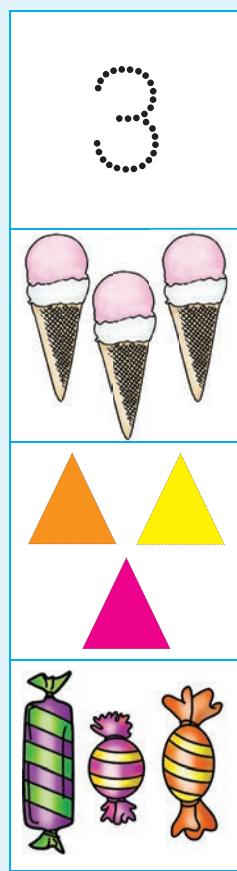
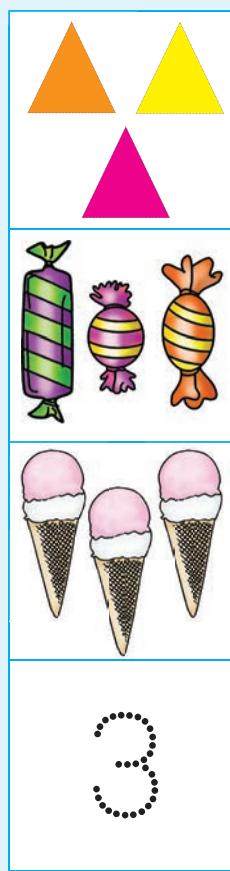
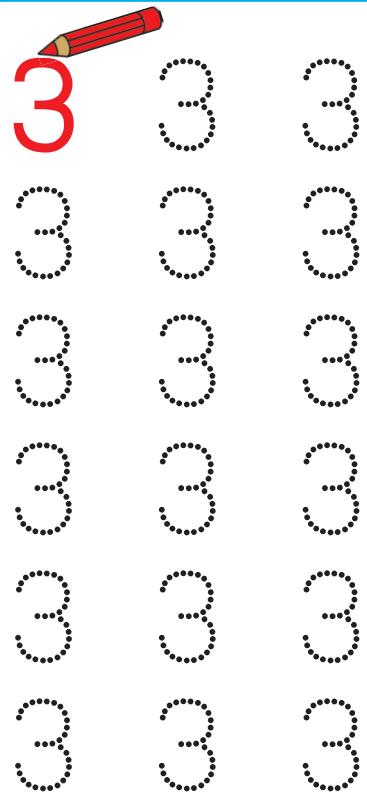
mbungu tharu



Tevhedzelani nomboro.

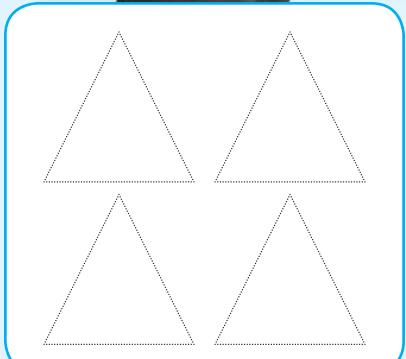


Livhanyani zwifanyiso.

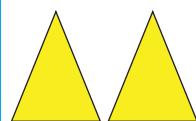
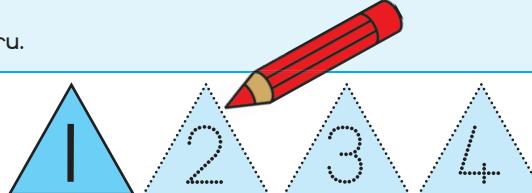




Khalarani zwiraru.



Kopani ni ole zwiñwe hafhu zwa zwiraru.



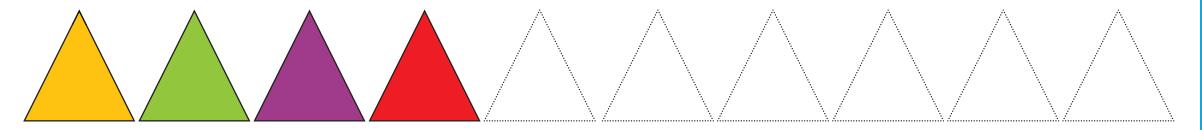
Itani ndowendowe ya nomboro.



raru



Khalarani thiraiengele ni tshi khou ralo u vhala.



Teacher:
Sign:

Date:



Vhulapfu (vhunavha) na vhuimo

Itani thiki (✓) kha tshidimela tshipufufisa.







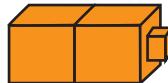






Itani thiki (✓) kha tshidimela tshilapfu.







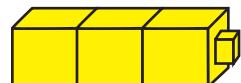






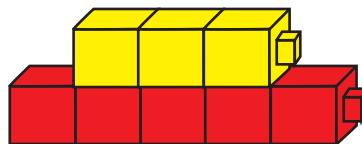


Olani tshidimela tshilapfusa.





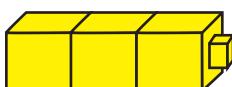
Khalaran i pfione. Tshidimela tshipufhi tshi:



phanda ha

ntha ha

murahu ha



phanda ha

ntha ha

murahu ha



phanda ha

ntha ha

murahu ha



Oiani tshidimela tshilapfu.

ntha ha



tsini na



phanda ha



Teacher:
Sign:

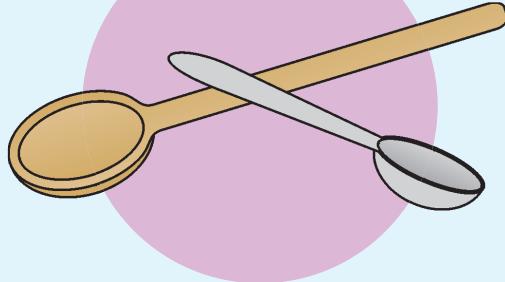
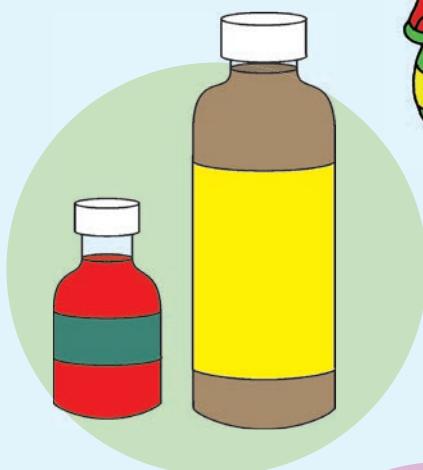
Date:

25



Tangedzelani tshilapfu.

Vhulapfu/vhunavha



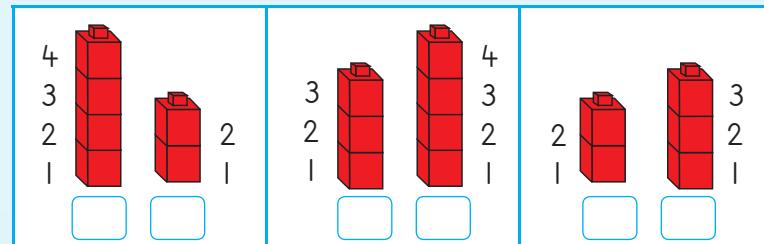
tshipfufhi

tshilapfu

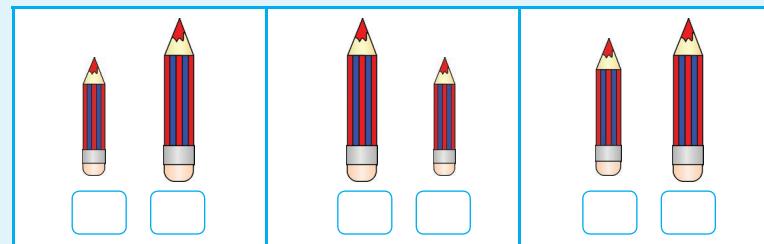


Itani thiki kha phindulo yone.

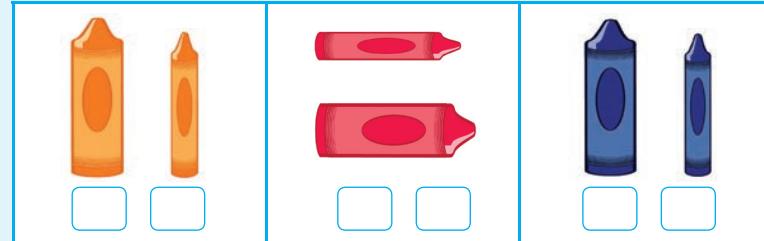
Itani thiki kha tshilapfusa.



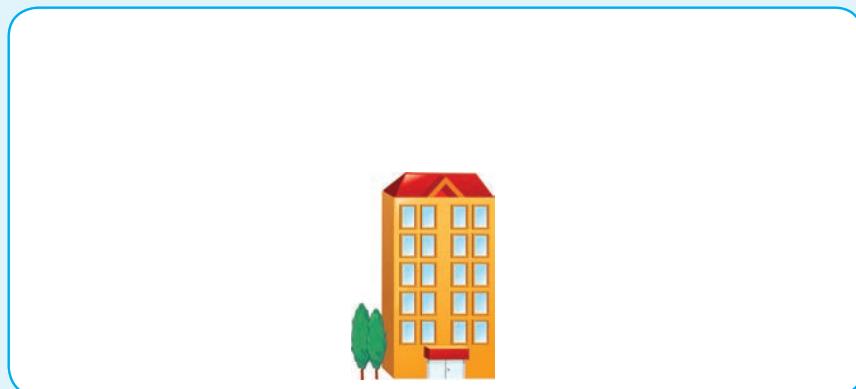
Itani thiki kha penisela i re pfufhisa.



Itani thiki kha khirayoni yo ṭandavhuwesaho.



Olani: tshifhaṭo tshithihhi tshine tsha vha tshipfufhi na tshirinwe tshine tsha vha tshilapfu tshi nga fhasi hatsho.



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



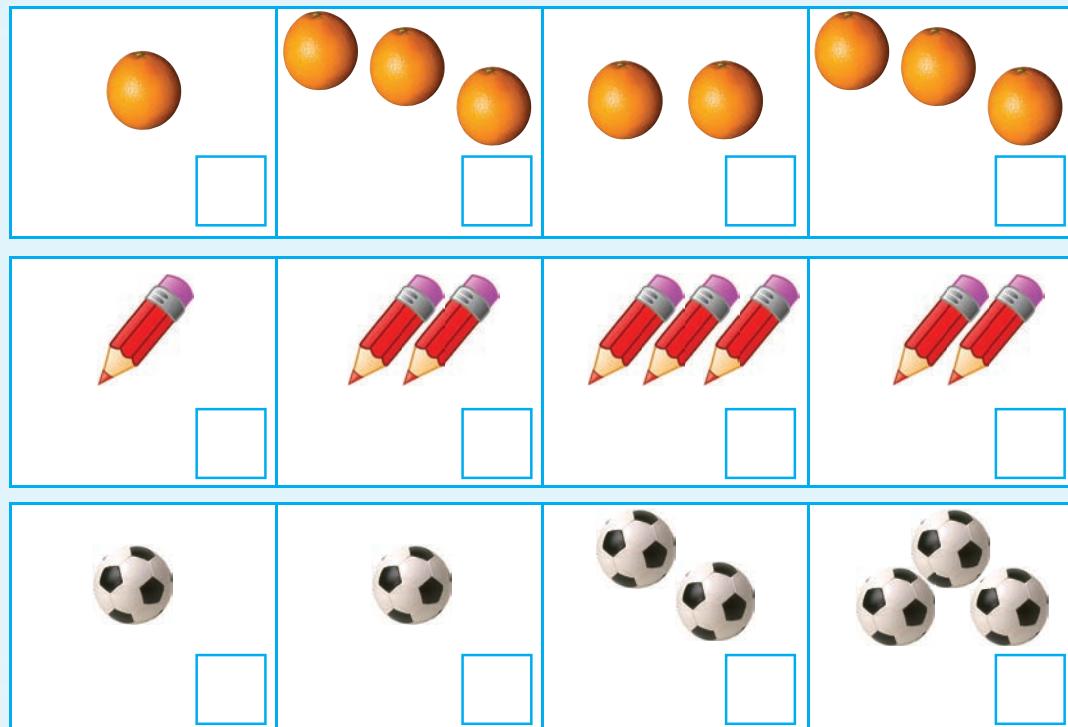
Teacher:
Sign:

Date:

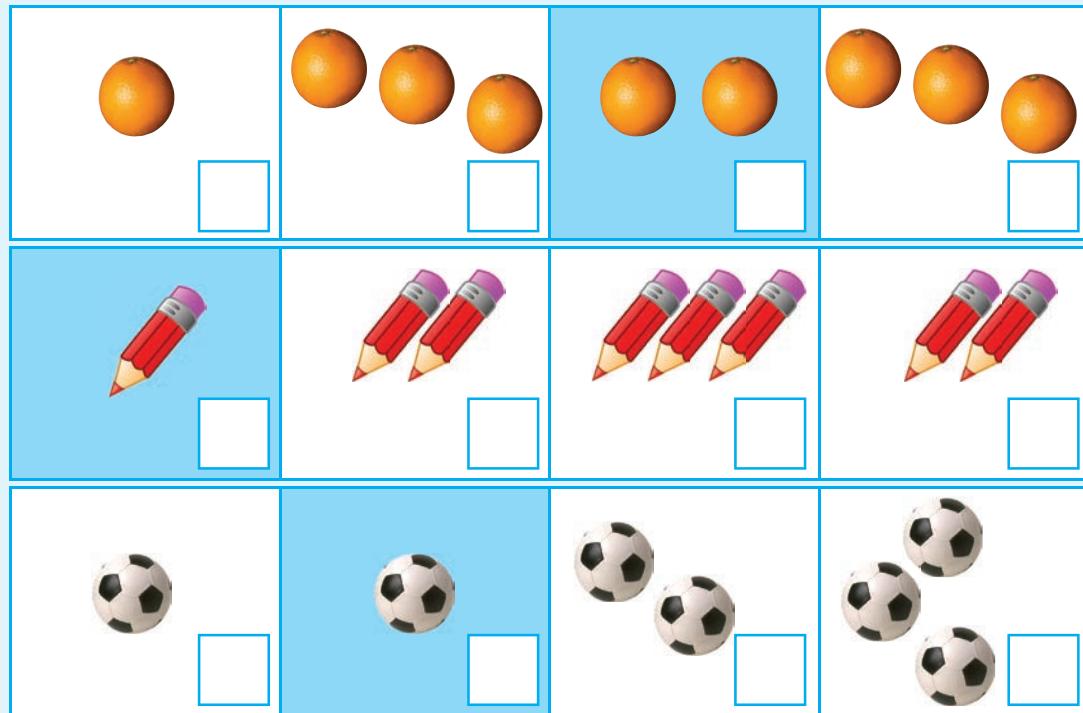


Vhambedzani nomboro dza 1-3

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

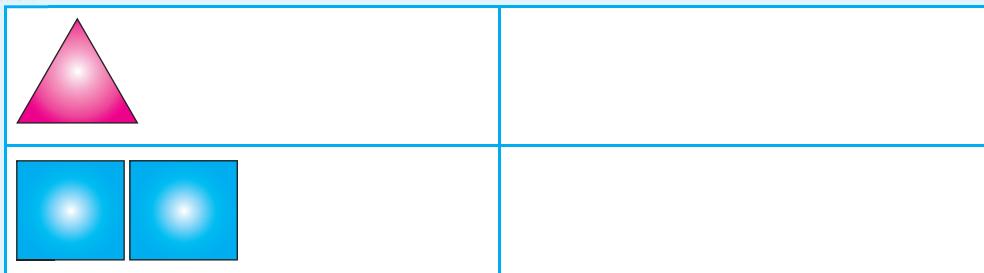


Itani thikhi kha tshibuloko/zwibuloko tshine/zwine zwa vha na zwithu zwinzhi u f'hira tshibuloko tsho swifhadzwaho.

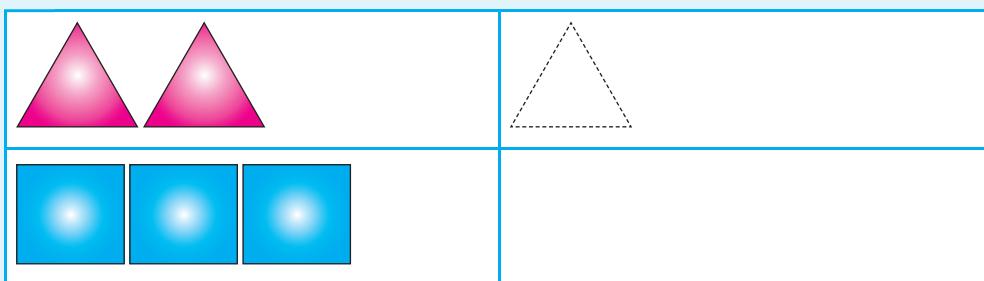




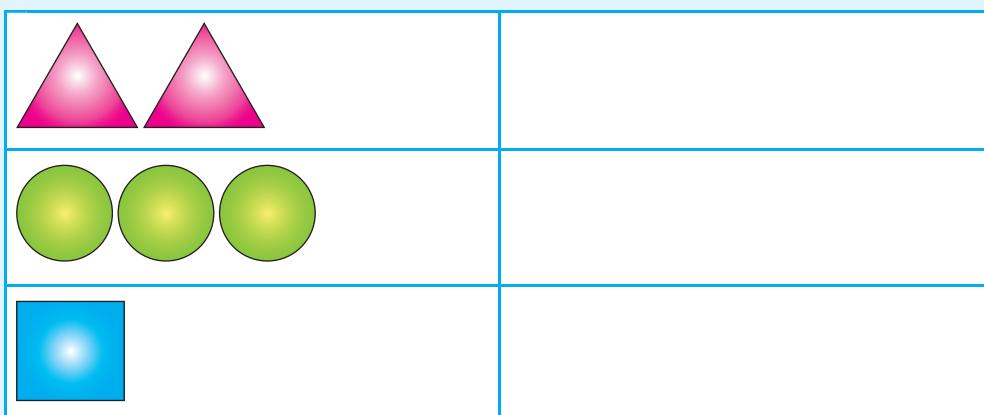
Kopani na u ola tshirñwe tshivhumbeo tshithihi hafhu kha kholomo ya tsha u ja.



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.





Ina

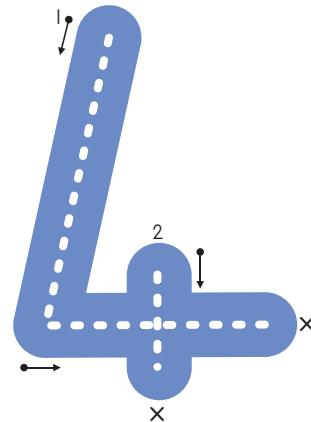
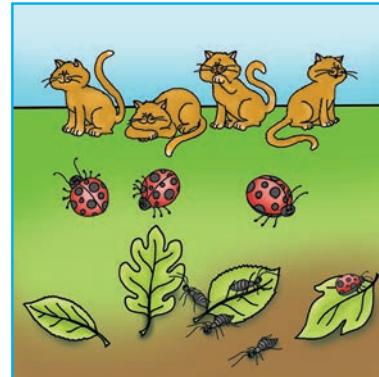
Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ja mbalo.

zwinange zwina

vhusunzi vhunga

matari mana

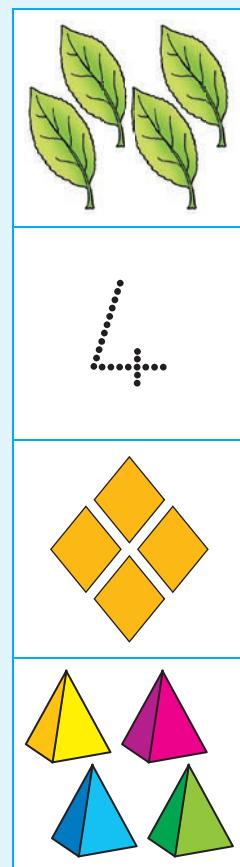
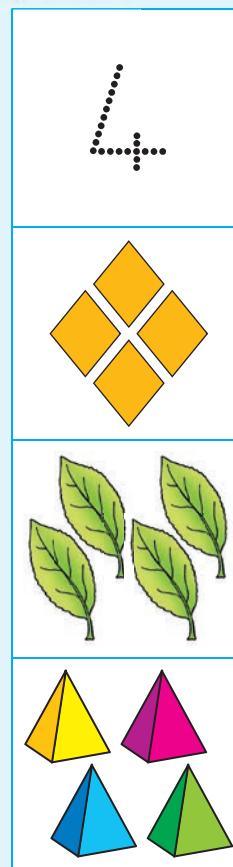
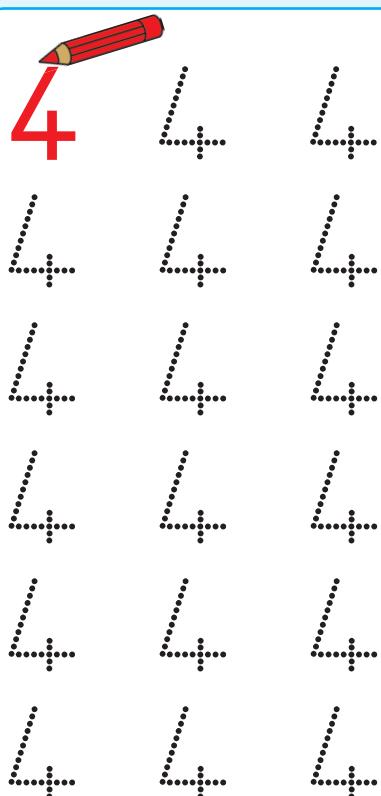
zwhokhonono zwina

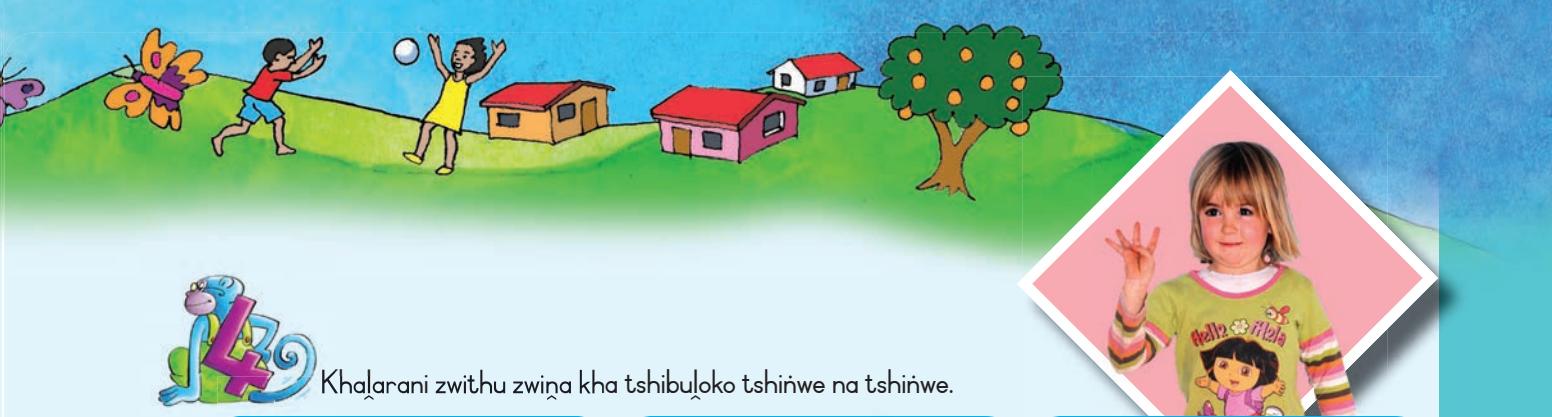


Tevhedzelani nomboro.

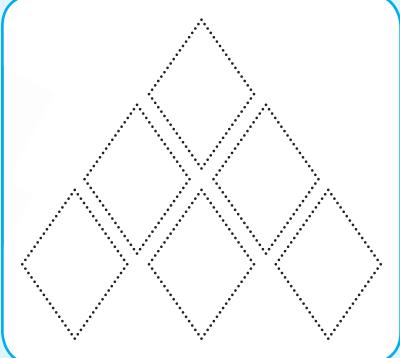
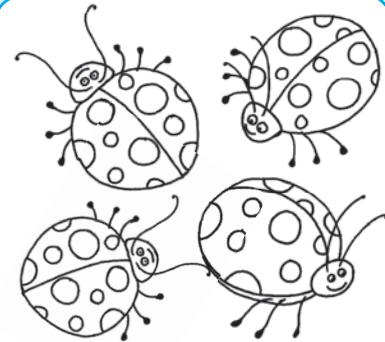


Livhanyani zwifanyiso.

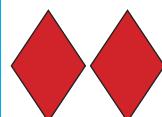




Khalaran i zwithu zwiñha kha tshibuloko tshiñwe na tshiñwe.



Kopani na u ola zwivhumbeo zwiñwe zwiñha hafhu ni zwi khalare.



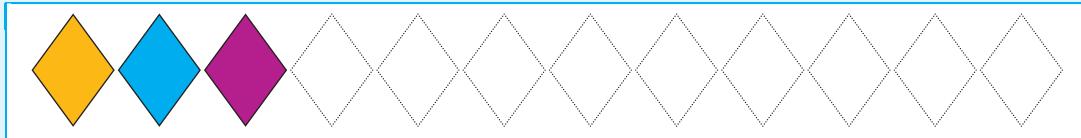
Itani ndowendewe ya nomboro.



inga



Khalaran i misendo (daimane) ni tshi khou ralo u vhala.



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Teacher:
Sign:

Date:



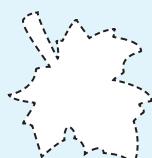
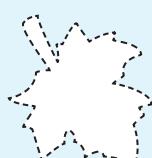
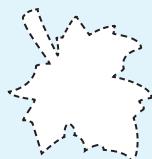
Tanganyani na u ḥusa u swika kha 4

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	



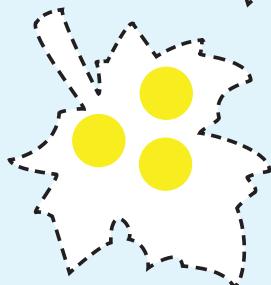
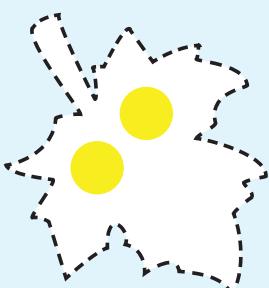
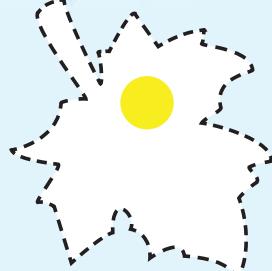
Ho sala zwivhaleli
zwingana? Zwi oleni.



Nwalani fhungombalo la:



Olani zwivhaleli zwiñwe hafhu uri zwi vhe 4.



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

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

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

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

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

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

3

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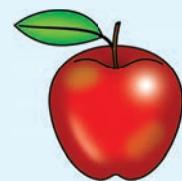
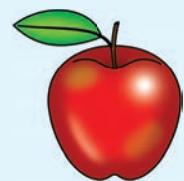
--



Tanganyani hezwi ni nwale phindulo.



na

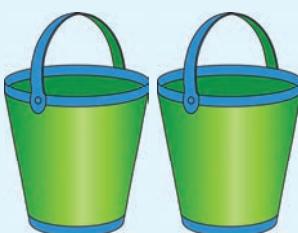


1 na 2 dici ita

3



na



2 na 2 dici ita



na



na



3 na 1 dici ita



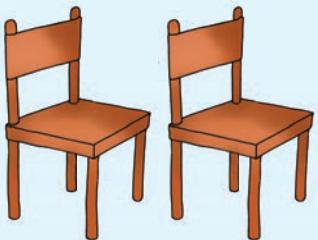
na



1 na 3 dici ita



na



2 na 2 dici ita

Teacher:
Sign:

Date:



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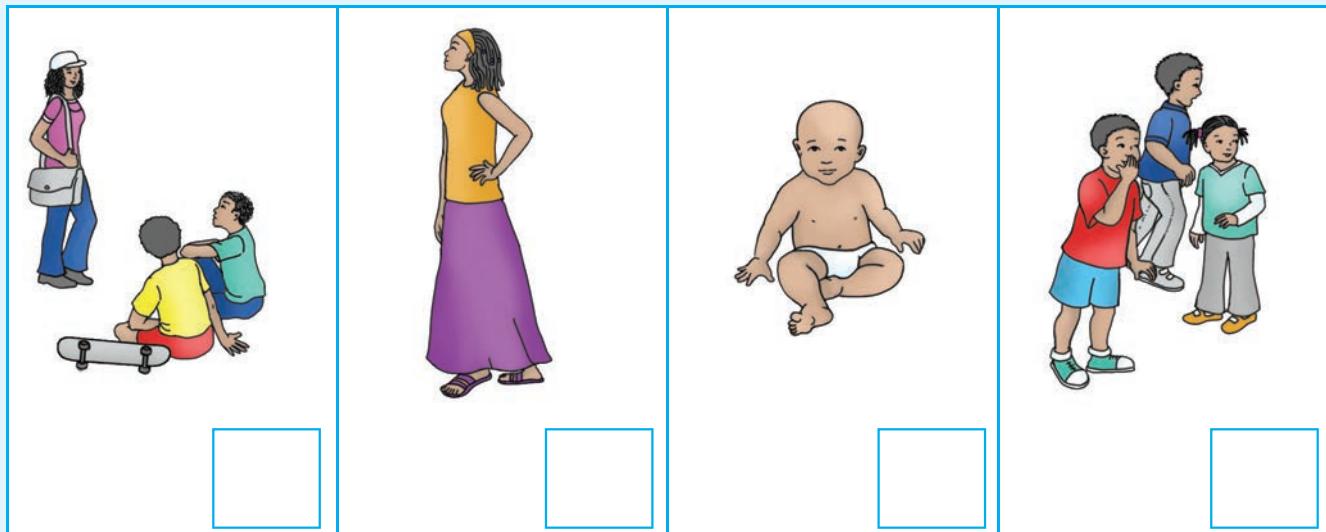
20

33

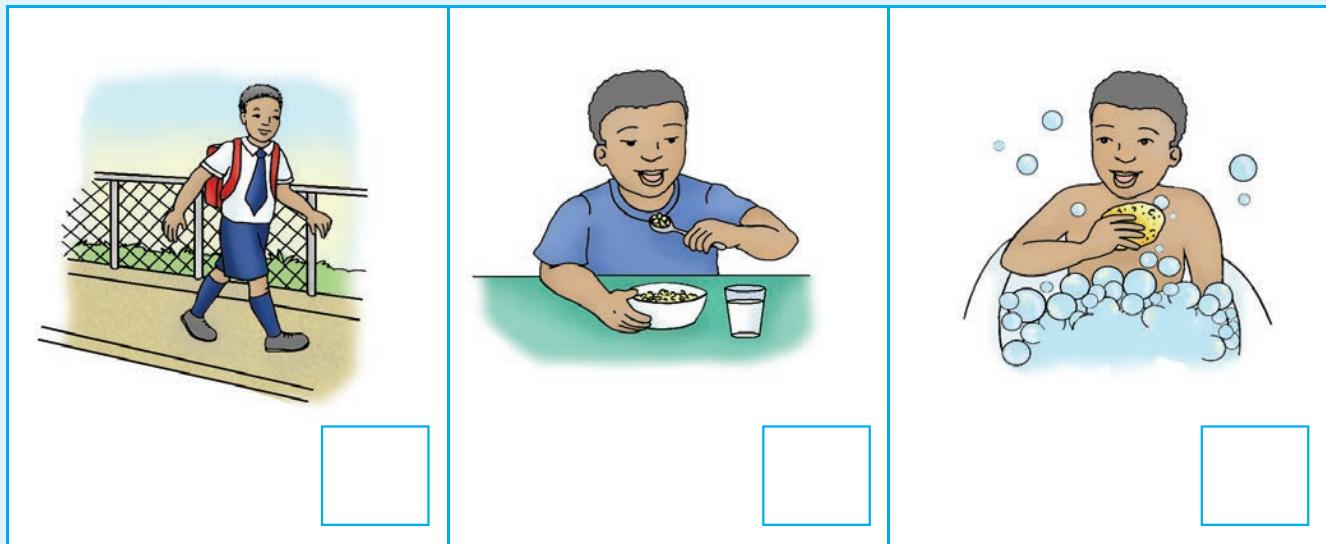


Tshifhinga

Nwalani nomboro 1 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 t̄avhanya.



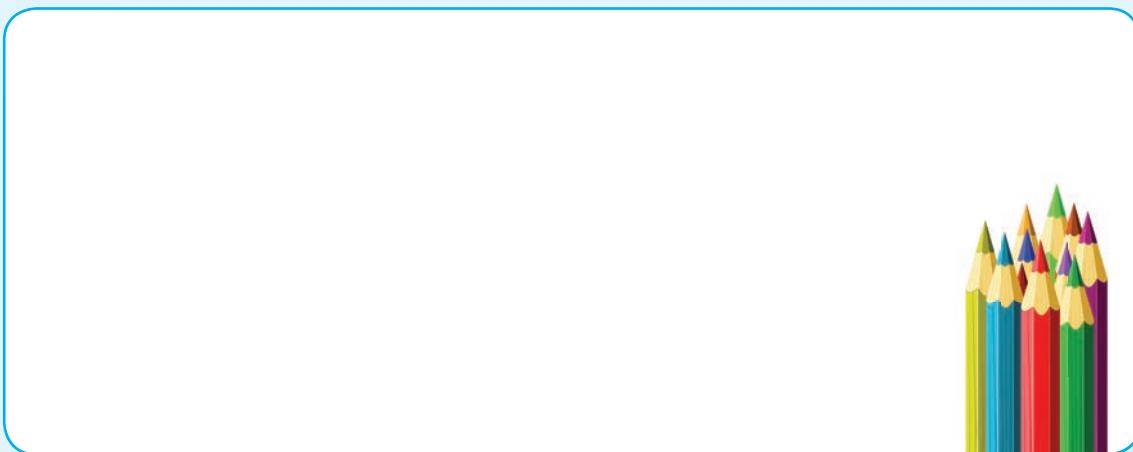
1 2 3 4 | 2 3 4



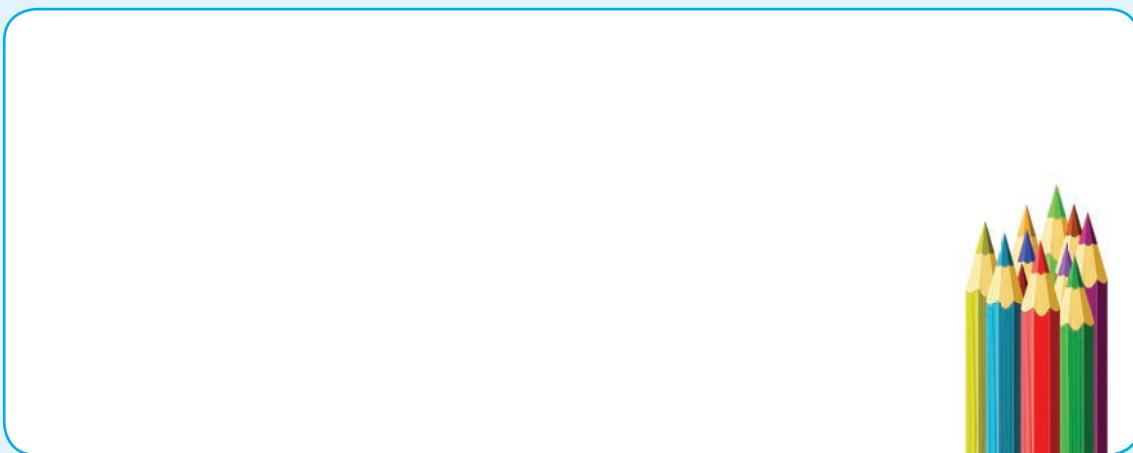


Olani tshiñwe tshithu:

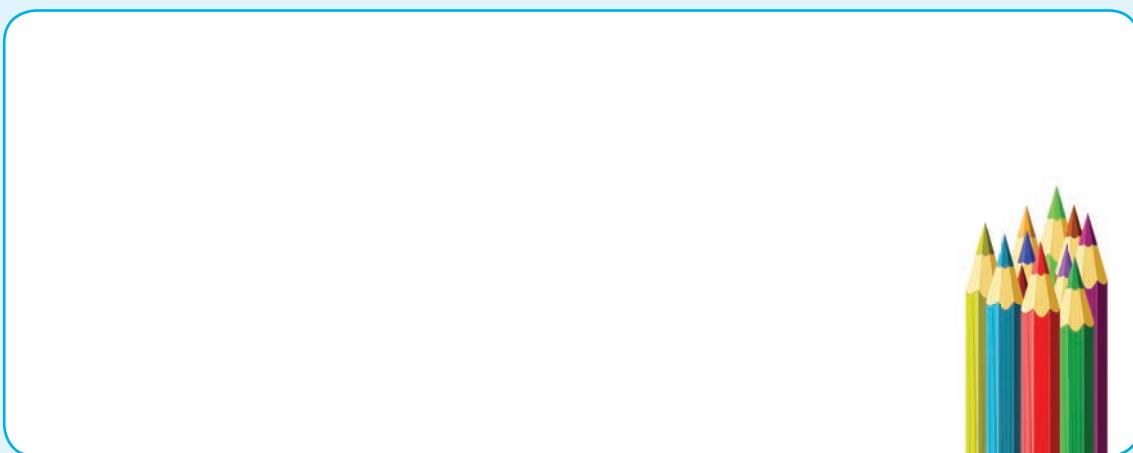
a. tshe na tshi ita mulovha



b. tshe na tshi ita ñamusi



c. tshine na ño tshi ita matshelo



Teacher:
Sign:

Date:





Thanu

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

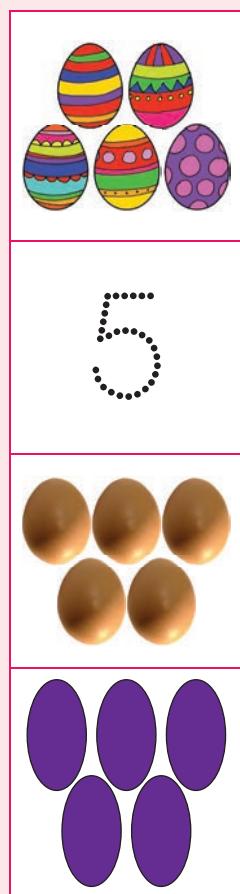
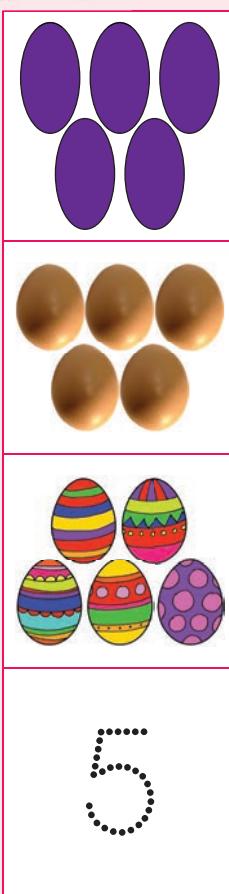
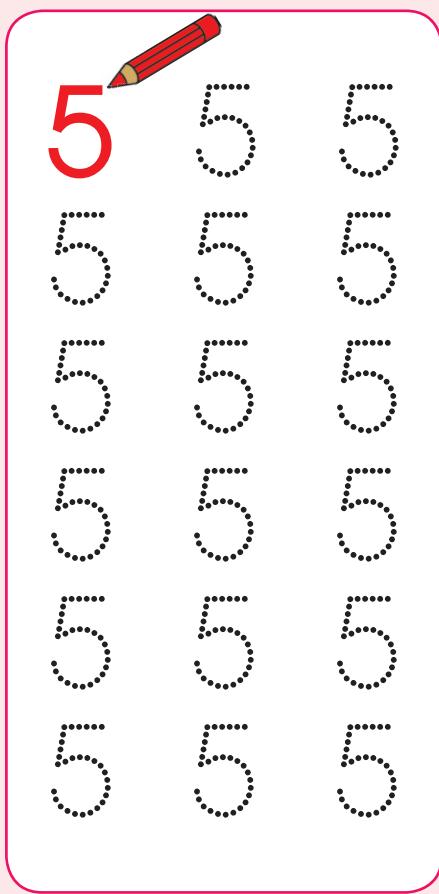
thedi~~b~~ee thanu
ma~~leg~~ere ma~~tan~~u
na~~led~~zi thanu
zwitirepe zwit~~an~~u



Tevhedzelani nomboro.

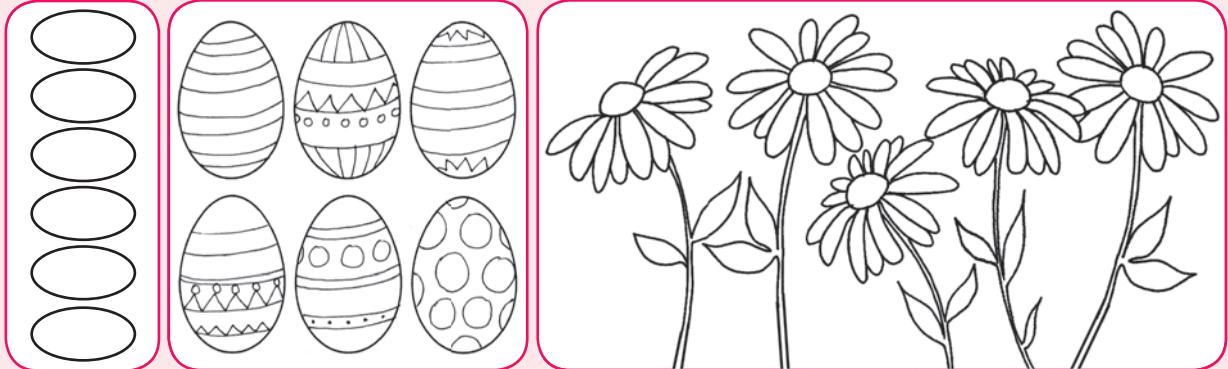


Livhanyani zwifanyiso.

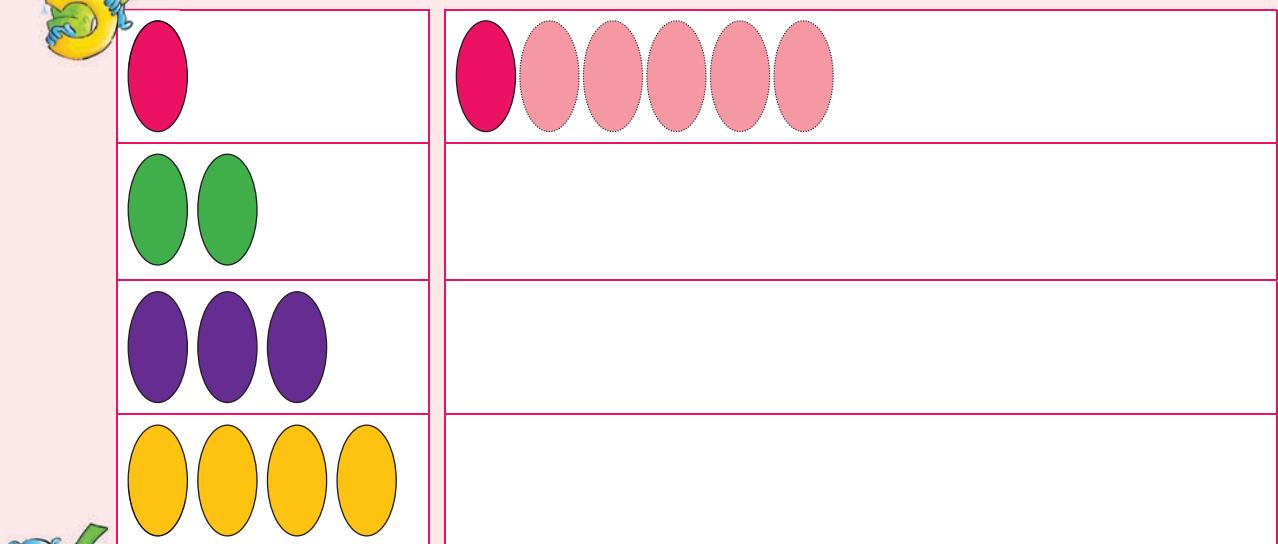




Khałarani zwiżanu kha tshibuloko tshiñwe na tshiñwe.



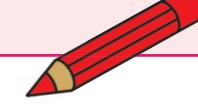
Kopani ni ole zwiñwe haf'hu zwiżanu.



Itani ndowendowe ya nomboro.



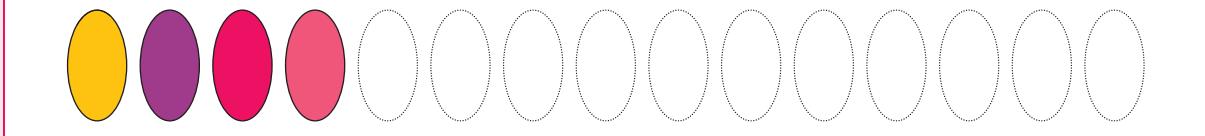
thanu



5 5 5 5



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



Teacher:
Sign:

Date:



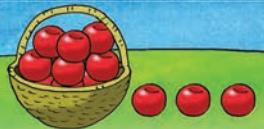
Vusuludzani nomboro I u swika kha 5

Itani ndowendowe ya u nwala 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	iŋa
	5	thanu



Teacher:
Sign:

Date:



|q|

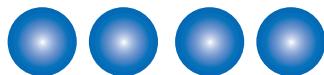
Themo ya |



Tanganyani u swika kha 5

Engedzani malungu nga u ola mariwe hafhu.

Olani tshithihi hafhu.



Olani zwivhili hafhu.



Olani zwiraru hafhu.



Vhalani ni tanganye hezwi ni kone u nwala phindulo.



na



2 na 2 vha ita 4

2

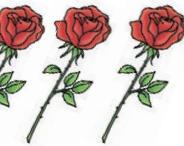
2



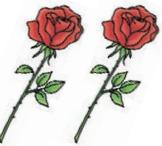
na



2 na 1 i ita



na



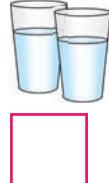
3 na 2 a ita



na



2 na 3 dzi ita





Olani thiraiengele dziṁwe hafhu. Ni kona u vhona zwifhio?



	I nga nt̄ha	
	2 nga nt̄ha	
	3 nga nt̄ha	
	4 nga nt̄ha	



Olani phindulo.

	na		zwi ri <u>ne</u> a	
3	na	2	dzi ri <u>ne</u> a	5
	na		zwi ri <u>ne</u> a	
	na		dzi ri <u>ne</u> a	
	na		zwi ri <u>ne</u> a	
	na		dzi ri <u>ne</u> a	



Teacher:
Sign:

Date:



Tusani kha 5 ni ḥanganye 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 ḥusa		ndi	4
		ra ḥusa		ndi	
		ra ḥusa		ndi	



Tusani nga u vhala ni tshi ya murahu

5 ḥusa 3



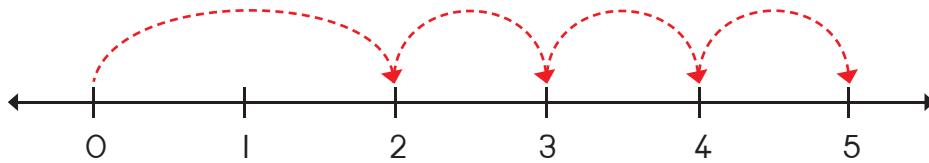
5 ḥusa 2





Tanganyani nga u vhala ni tshi ya phanda

2 ḫanganya na 3

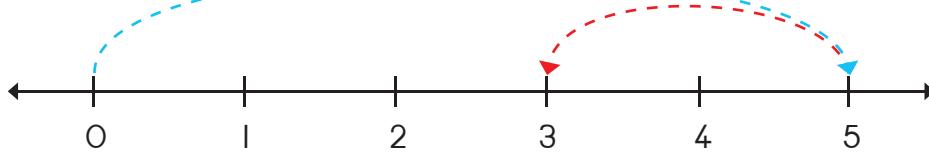


1 ḫanganya na 4



Sumbedzani mbalo kha mutalombalo.

5 ḫusa 2



5 ḫusa 4



Teacher:
Sign:

Date:



Tanganyani na u ḥusa u swika kha 5

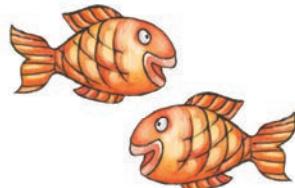
Fhedzisani zwi tevhelaho:



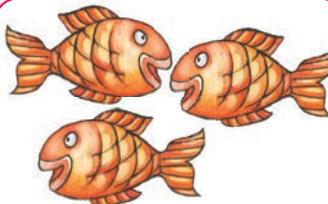
na



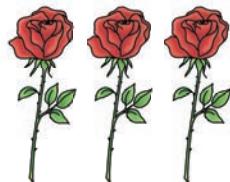
zwi mpha



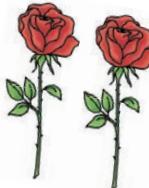
na



zwi mpha



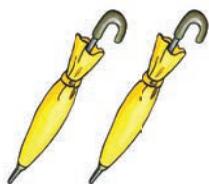
na



zwi mpha

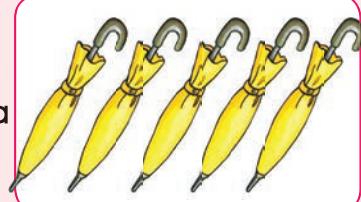


Fhedzisani zwi tevhelaho:



na

zwi mpha



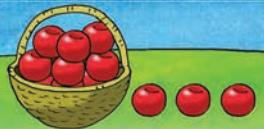
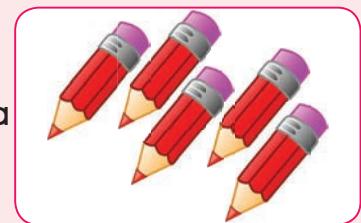
na

zwi mpha



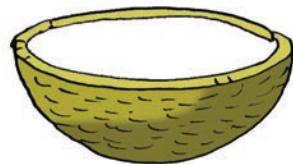
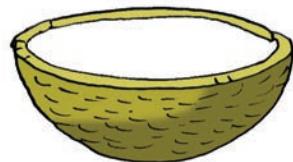
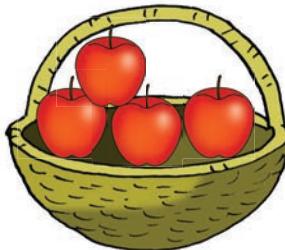
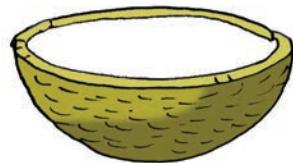
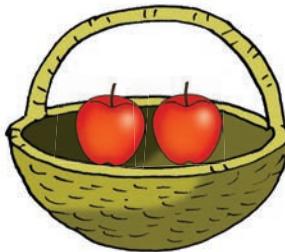
na

zwi mpha

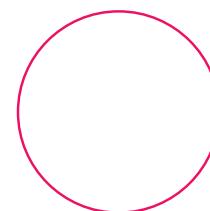
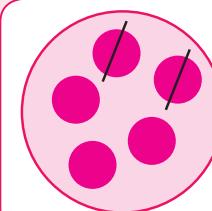
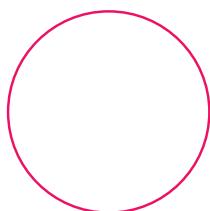
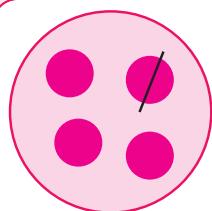




Olani mañwe maapula hafhu uri a vhe a matanu.



Ho sala malungu mangana? A oleni.



Mbalo dza maipfi.

Mudededzi/mubebi wañu vha ðo 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 mañ. Musa a mu ñea mavhili. O no vha na mapiere mangana zwino?



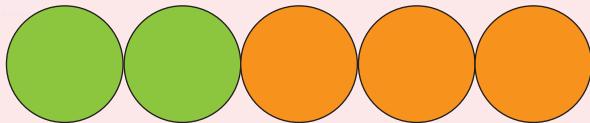
Teacher:
Sign:

Date:

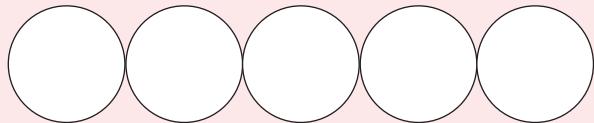


Mutanganyo na mutuso | u swika kha 5

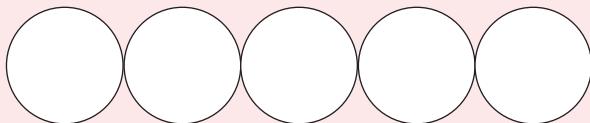
Khalaranu malungu ni tshi sumbedza.



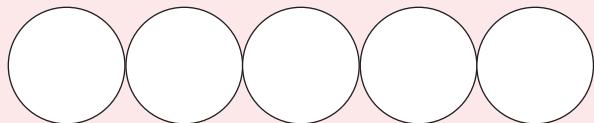
2 na 3 ndi 5



1 na 4 ndi 5



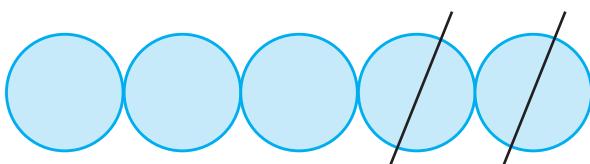
3 na 2 ndi 5



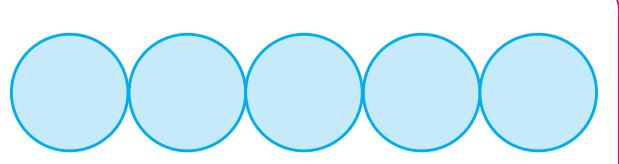
4 na 1 ndi 5



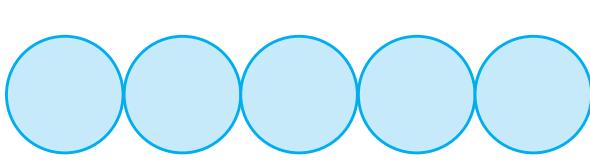
Hwayani malungu ni tshi sumbedza:



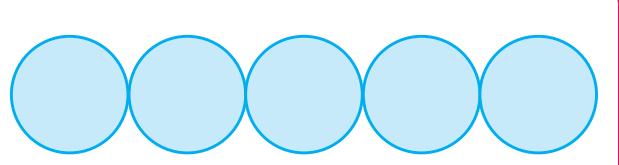
5 tusa 2 ndi 3



5 tusa 1 ndi 4



5 tusa 3 ndi 2



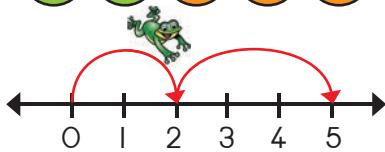
5 tusa 4 ndi 1



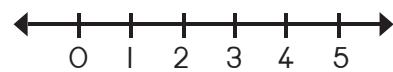


Khalaranī malungu. Thusani tshidula uri tshi sumbedze nomboro.

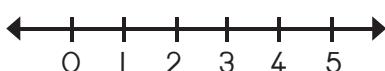
2 na 3 ndi



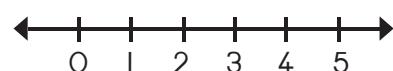
3 na 2 ndi



1 na 4 ndi

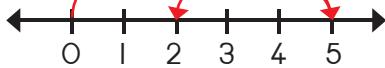


4 na 1 ndi

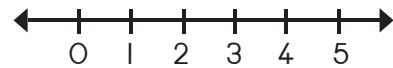
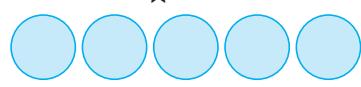


Hwayani malungu ane na a t̄usani ni zwi sumbedze kha mutualombalo.

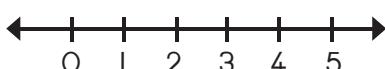
5 t̄usa 3



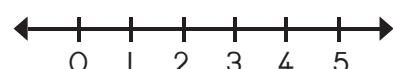
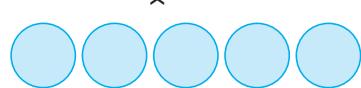
5 t̄usa 2



5 t̄usa 1



5 t̄usa 4



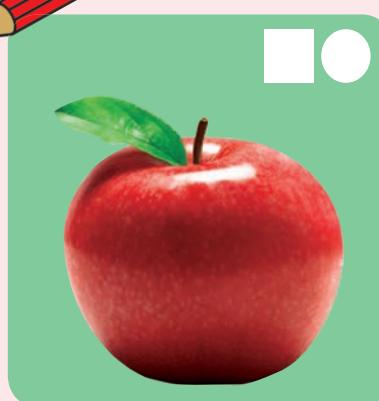
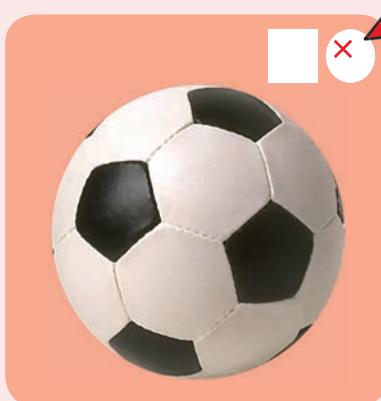
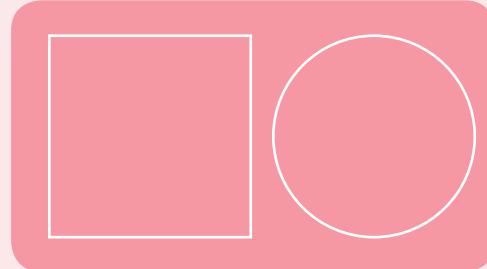
Teacher:
Sign:

Date:



Bola na zwibogisi

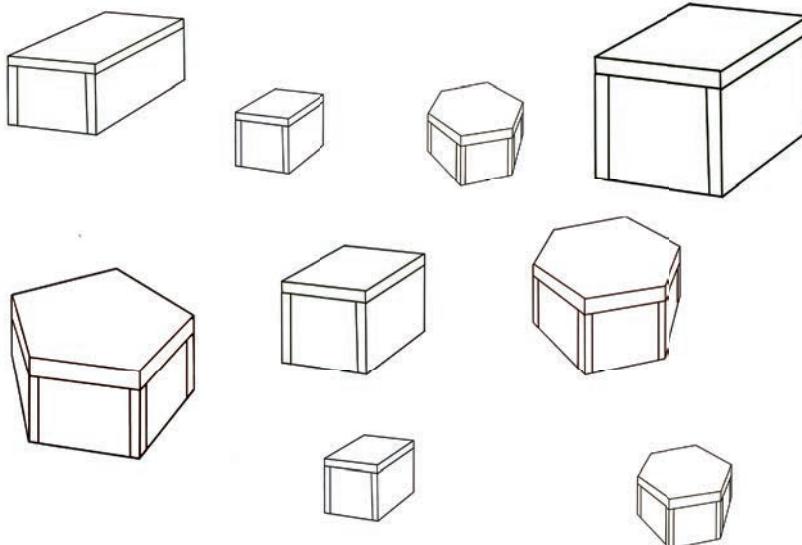
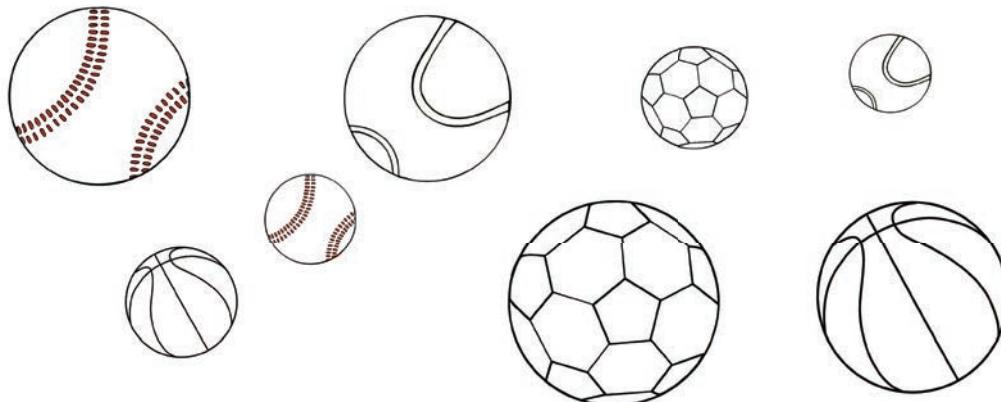
Ndi zwifhio kha izwi zwi no nga zwibogisi?
 Ndi zwifhio kha izwi zwi no nga bola?
 Ndi tshifhio tshi no kunguluwa nahone ndi
 tshifhio tshi no swenda?





Khalarani:

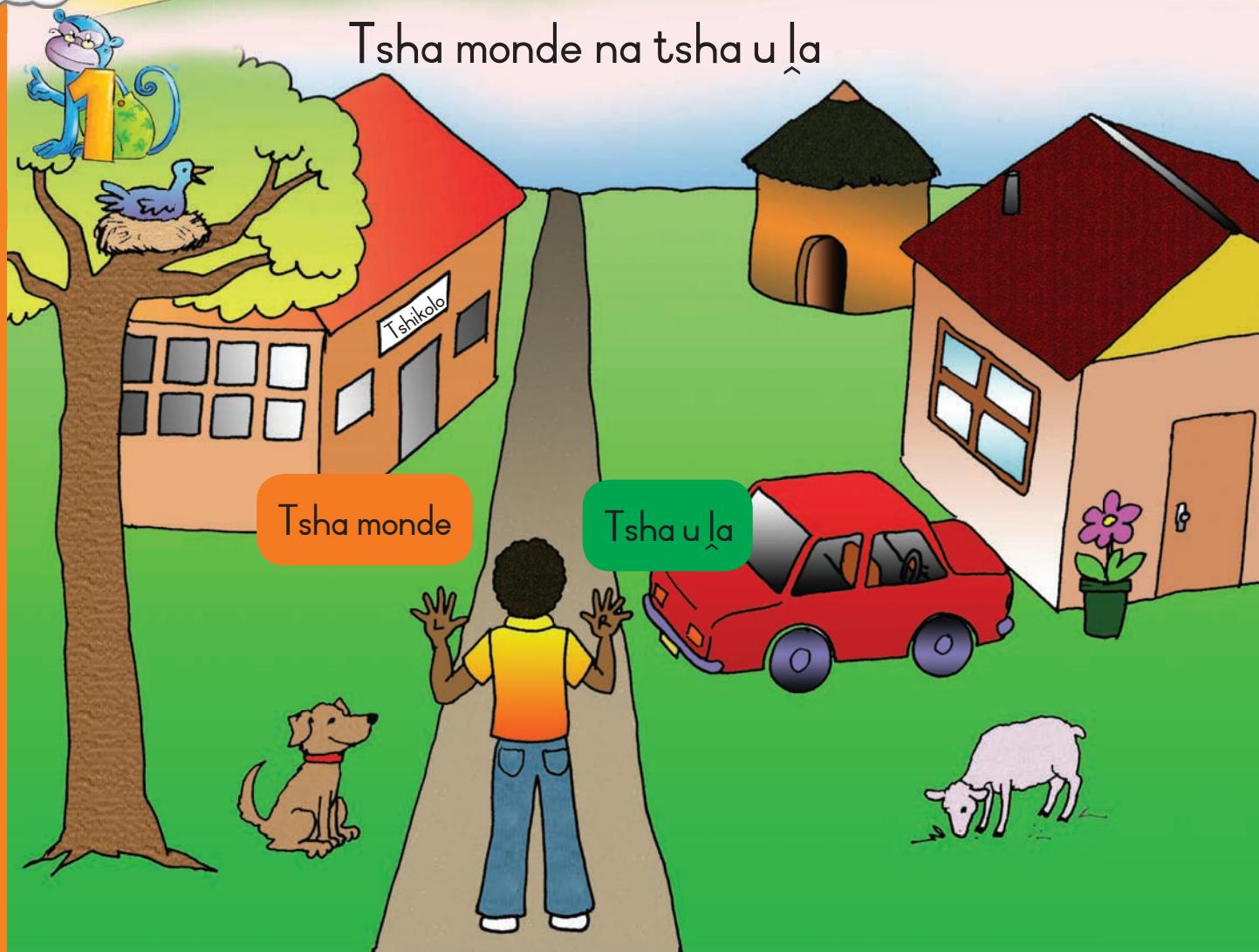
- zwibogisi zwi^luku na bola tswuku
- zwibogisi zwi^hulwane na bola dza lutombo



Tevhedzelani mai pfi.

tshibogisi

bola



	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"/>
Tshinoni 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"/>

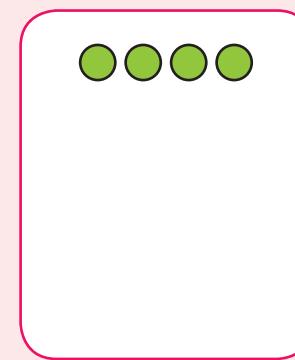
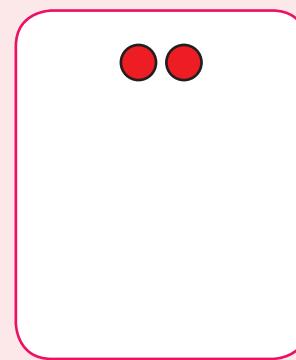
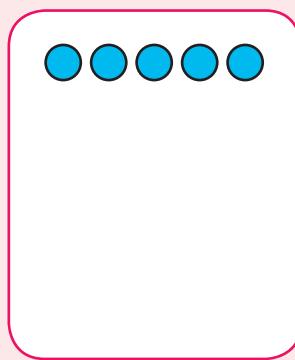
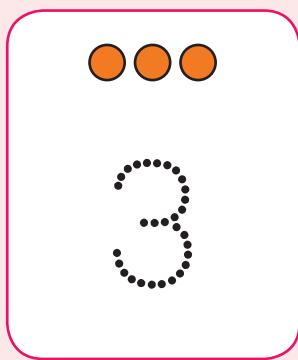


Tangedzelani tshanda tsha
mutukana tsha u la.
Tangedzelani mulenzhe wa
mutukana wa monde.
Tangedzelani mulenzhe wa
mutukana wa tsha u la.

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 riwala nomboro idzi.



Teacher:
Sign:

Date:



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



Khalarani ipfi lone li no yelana na musevhe.

	nga n̥tha	kha tsha monde	nga fhasi	kha tsha u la
	nga n̥tha	kha tsha monde	nga fhasi	kha tsha u la
	nga n̥tha	kha tsha monde	nga fhasi	kha tsha u la
	nga n̥tha	kha tsha monde	nga fhasi	kha tsha u la



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



Ufhatā na u padula nomboro

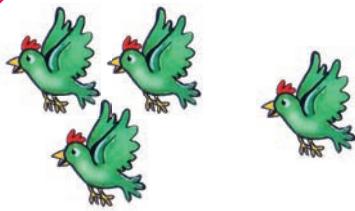
Nwalani nomboro dzo teaho tshibulokoni tshiñwe na tshiñwe.



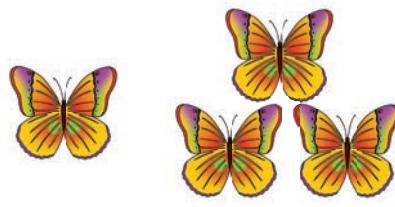
2 na 1 ndi 3



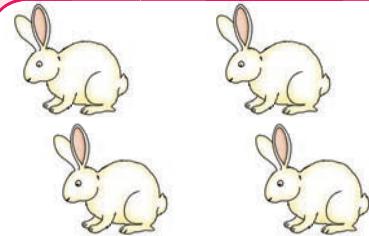
na ndi



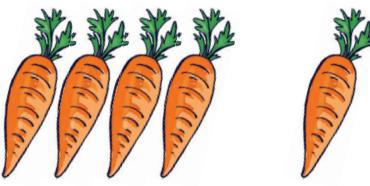
na ndi



na ndi



na ndi



na ndi



na ndi

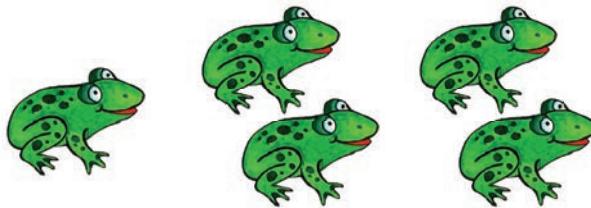


na ndi

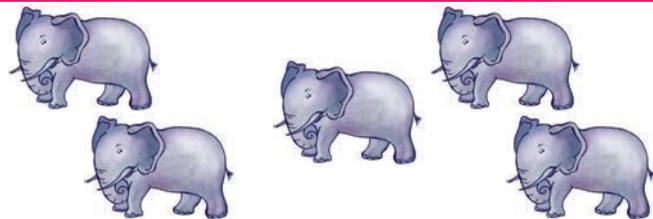




Zwino edzisani hezwi.



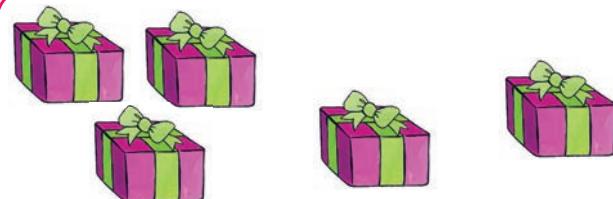
na na ndi



na na ndi



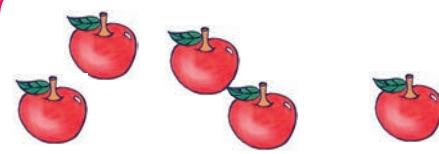
na na ndi



na na ndi



na na ndi



na na ndi

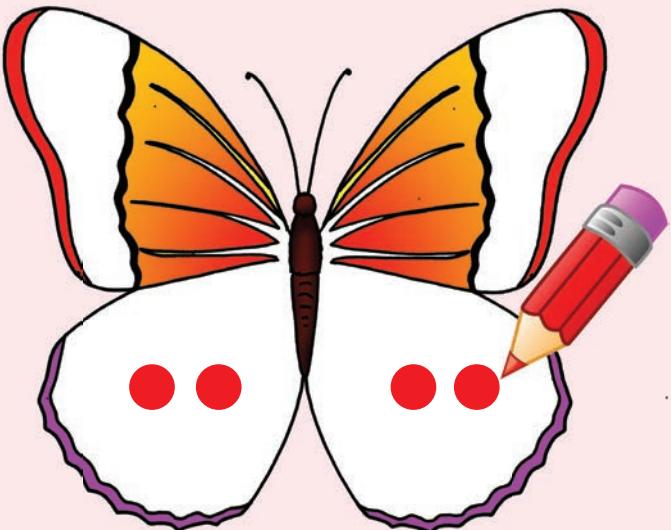
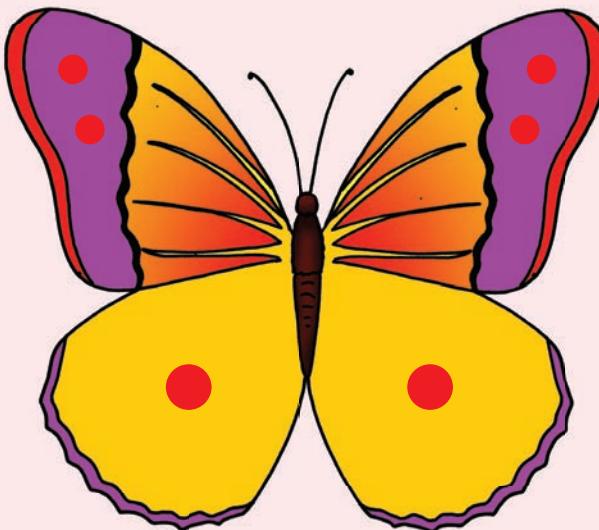
Teacher:
Sign:

Date:

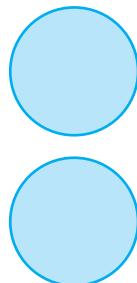
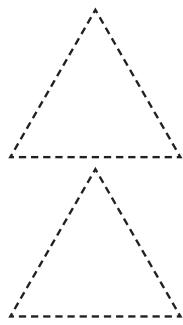
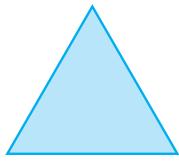


Nyingakavhili dza mučanganyo

Zwithoma zwivhili kha mabesu.



U inga kavhili zwivhumbeo.



Olan ni ḥwale nomboro.

Nyingakavhili ya  ndi  

Nyingakavhili ya  ndi 

Nyingakavhili ya  ndi 

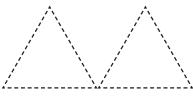
Nyingakavhili ya  ndi 



Olani ni nwale nomboro.



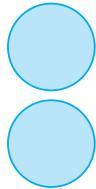
Nyingakavhili ya ndi



Nyingakavhili ya 1 ndi 2

1 tanganya na 1 ndi

Nyingakavhili ya ndi



ndi



Nyingakavhili ya ndi

tanganya na ndi

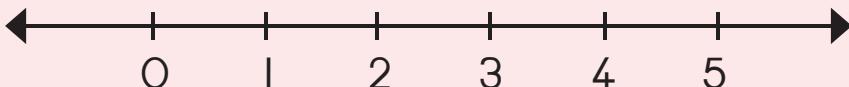


Sumbedzani zwi tevhelaho kha mutalombalo

U inga kavhili 1 ndi



U inga kavhili 2 ndi



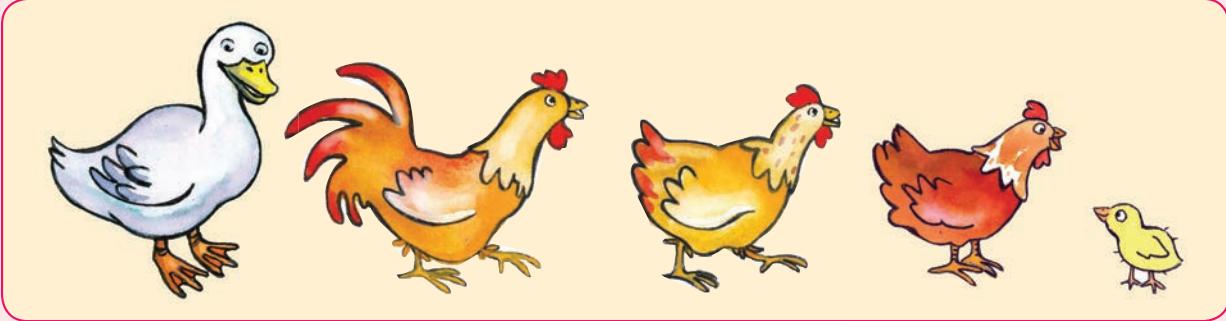
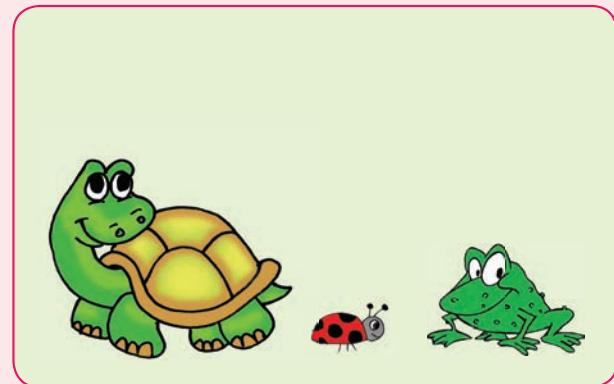
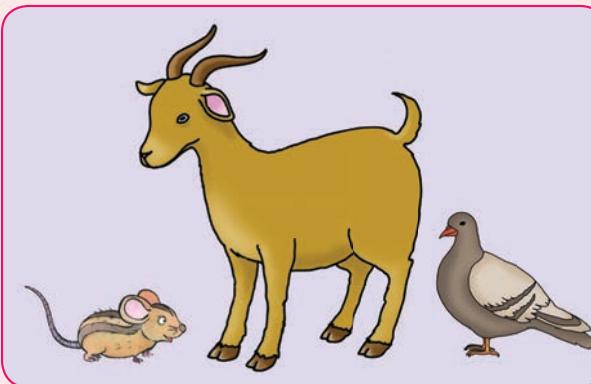
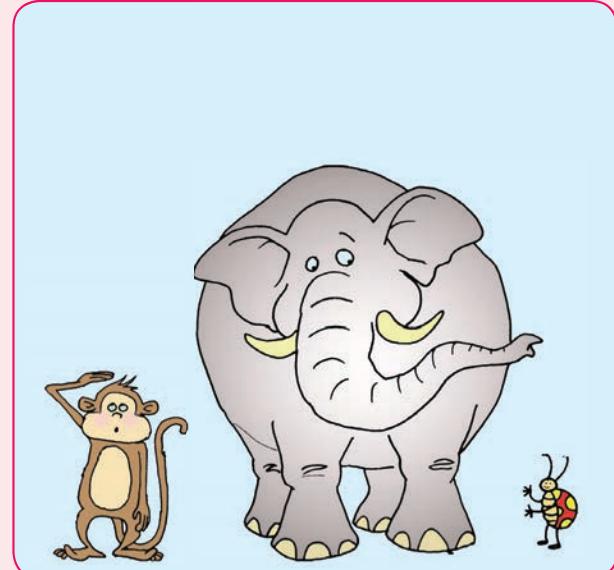
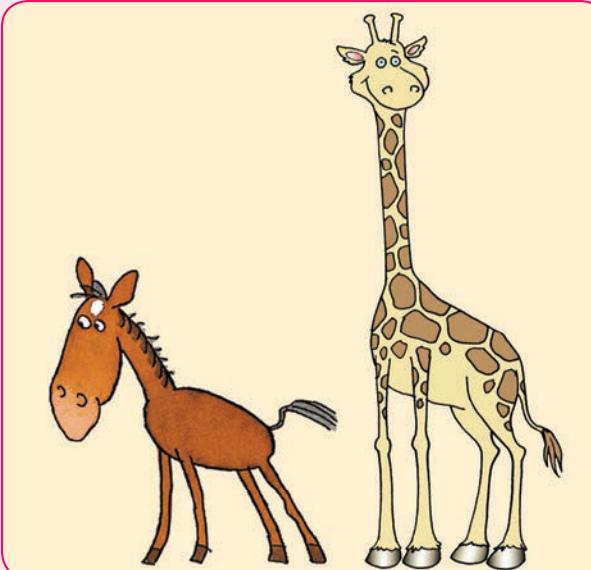
Teacher:
Sign:

Date:



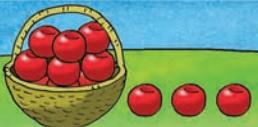
Zwi~~h~~wame na zwi~~h~~uku

● Tangedzelani phukha khulwane nga muvhala mutswuku.
■ Olani tshitendeledzi u mona na tshipuka tshi~~h~~ukusa tshibogisini tshi~~h~~we na tshi~~h~~we.



khulwane ~~h~~ukhu

khulukhulu ~~h~~ukhuh~~h~~ukhu





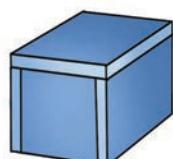
Olani bola khulwane.



Olani bola t̄hukhu.



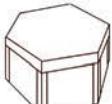
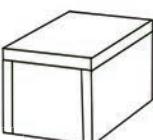
Olani tshibogisi
tshit̄uku.



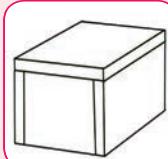
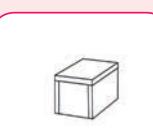
Olani tshibogisi
tshihulwane.



Khalarani.



Khalarani.



Teacher:
Sign:

Date:

11

12

13

14

15

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17

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19

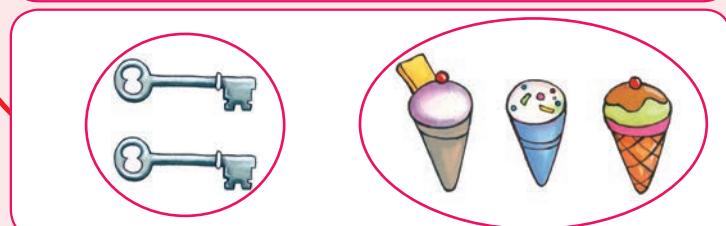
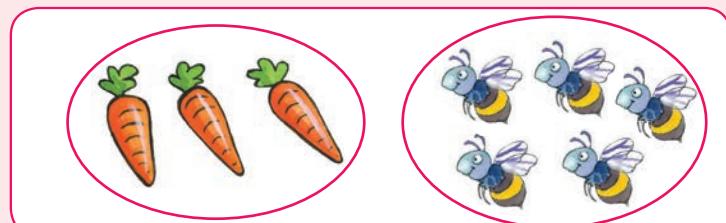
20



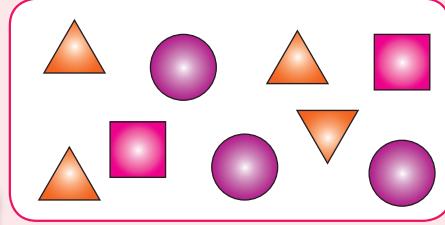
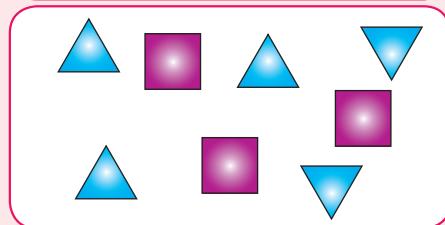
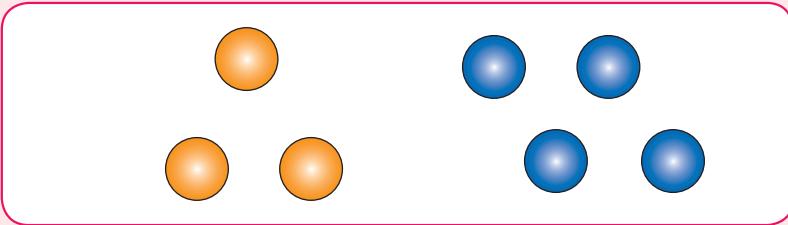
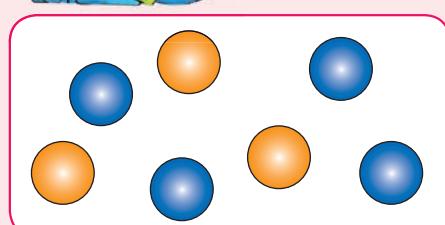


Vhekanyani zwithu

Livhanyani zwithu zwo vhekanyiwaho na zwifanyiso.

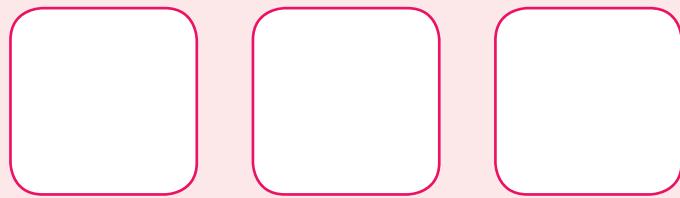
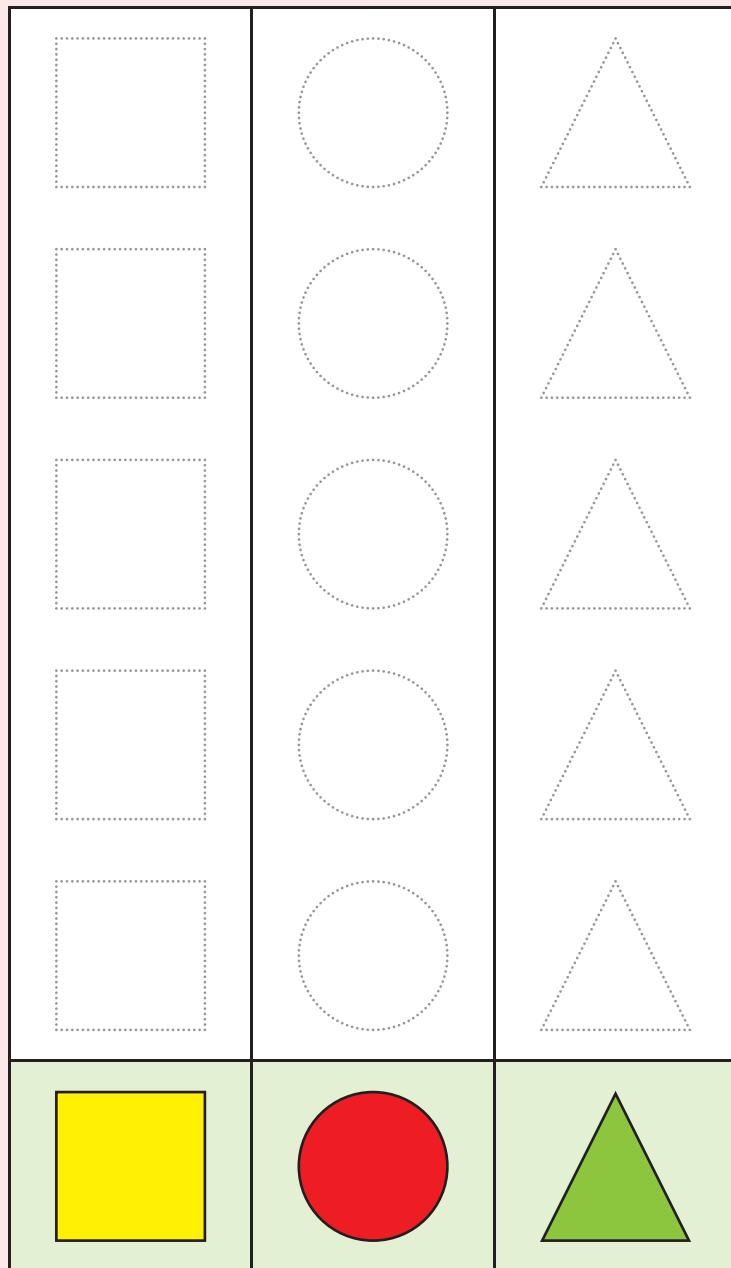
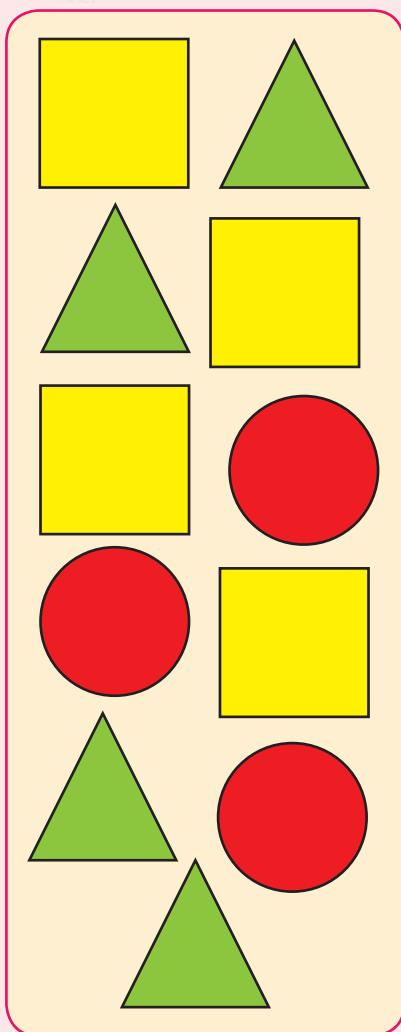


Vhekanyani nga u ola nyolo ya tshinwe na tshinwe.





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



Teacher:
Sign:

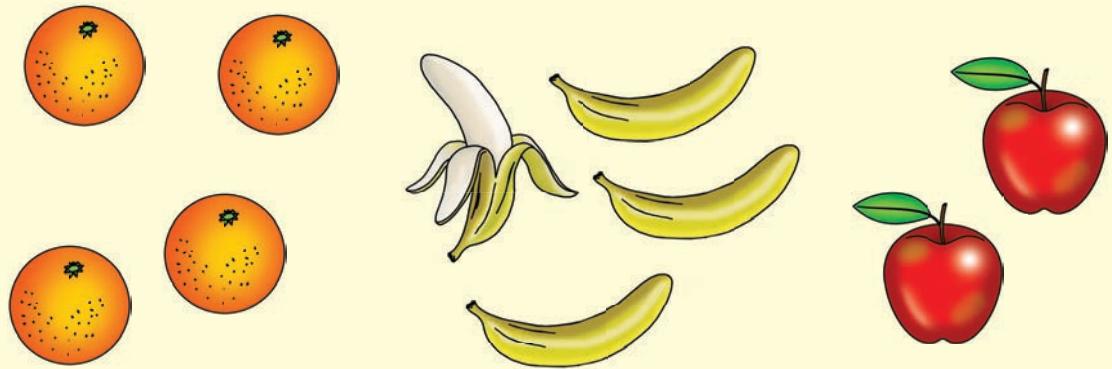
Date:





Kha ri kovhekane zwi tshi lingana

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



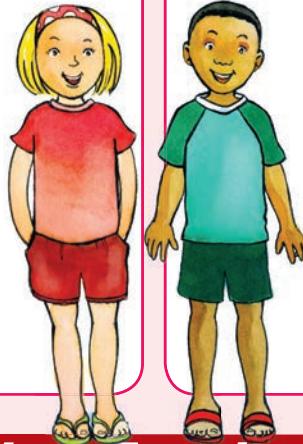
4

maswiri

miomva

maapula

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





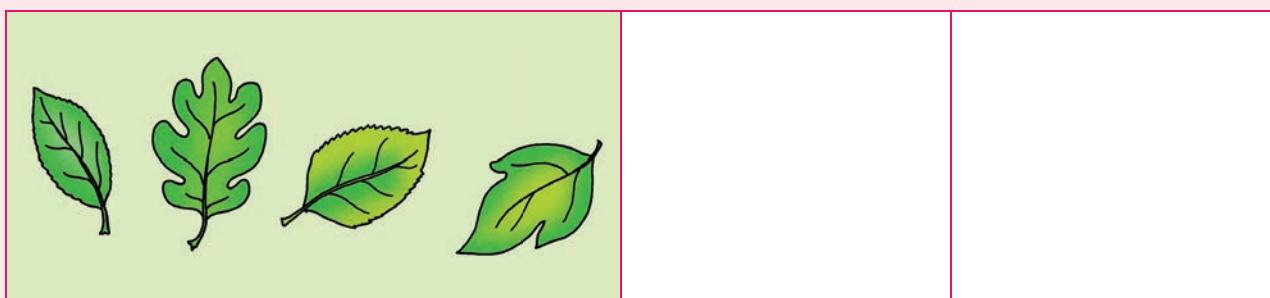
Kovhani izwi zwithu mabogisini mavhili.
Olani izwi zwigwada zwivhili mabogisini mavhili.



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



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



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





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

Muvhuđa muñwe na muñwe wo wana kherotsi nngana?

Thoho iñwe na iñwe yo wana maapula mangana?

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

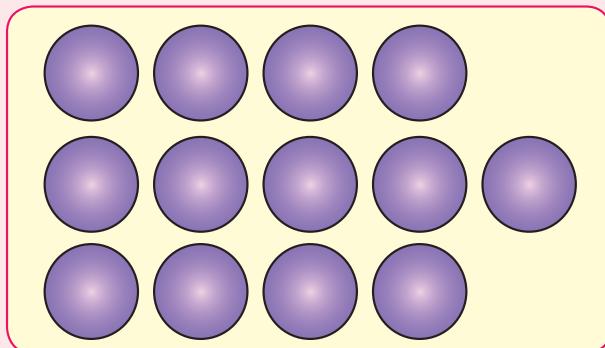
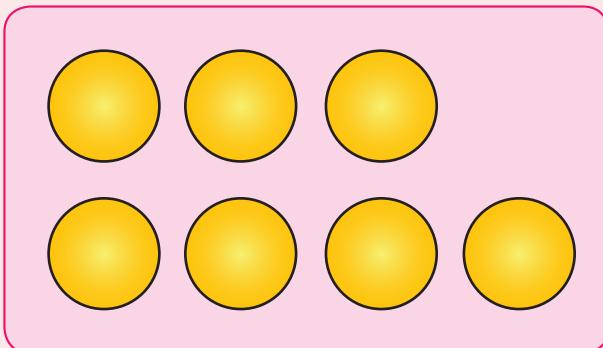
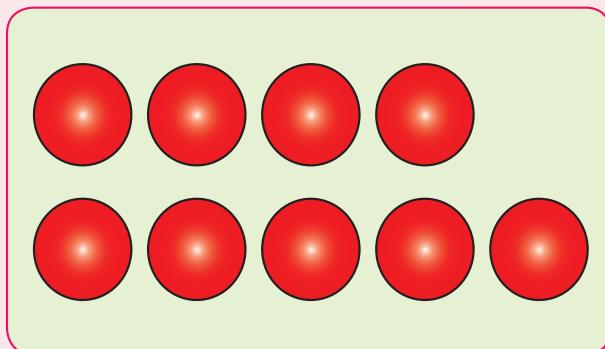
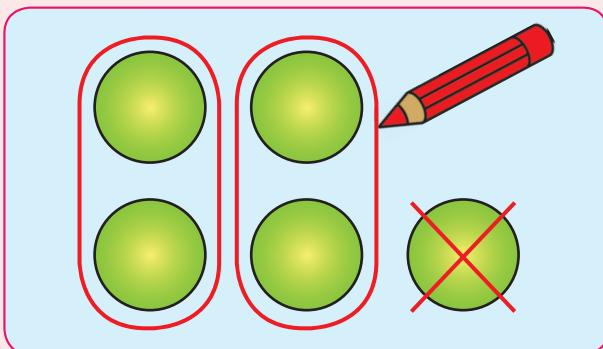
Muvhuđa muñwe na muñwe wo wana kherotsi nngana?

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

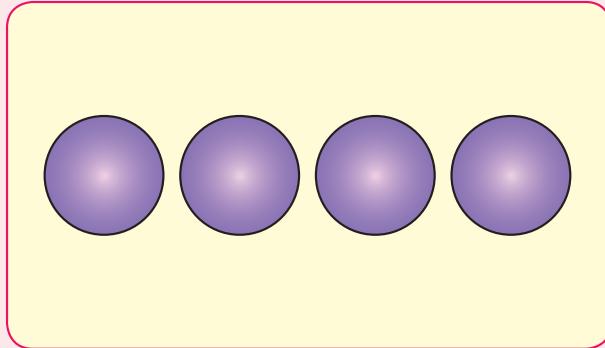
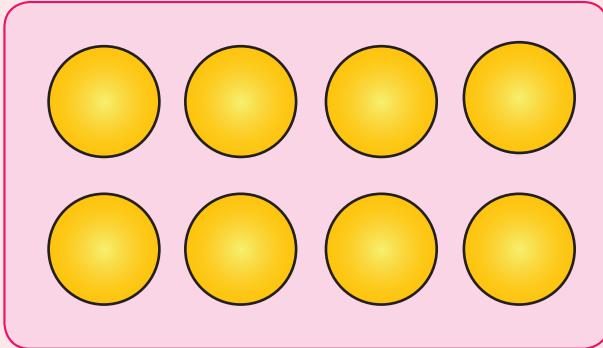
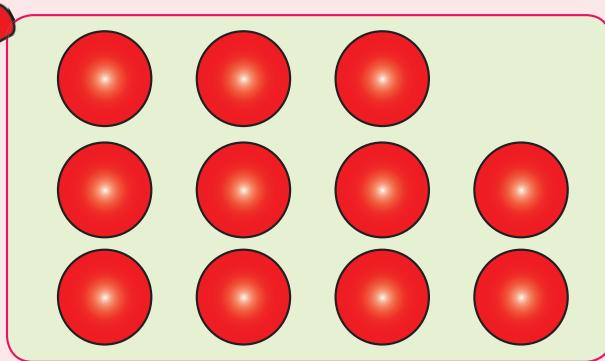
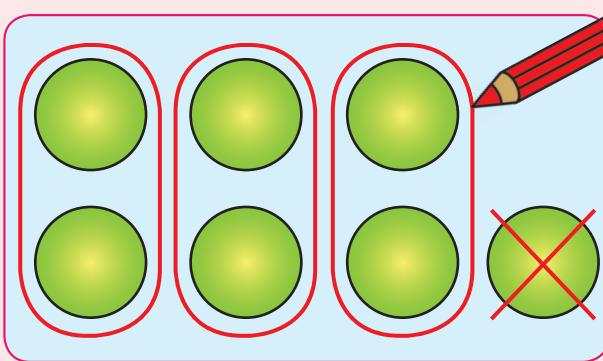




Vhekanyani zwivhaleli zwi kha zwigwada zwivhili zwi no lingana ni ite tshifhambano kha zwivhaleli zwo salaho.



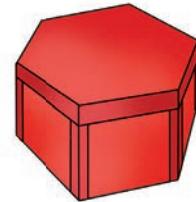
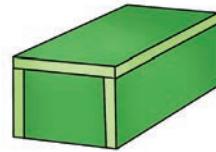
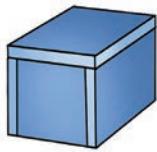
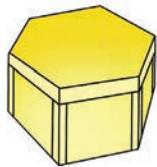
Vheani zwivhaleli kha zwigwada zwiraru zwi no lingana ni ite tshifhambano kha zwivhaleli zwo salaho.





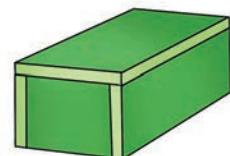
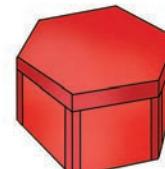
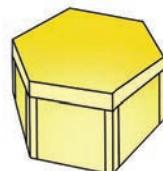
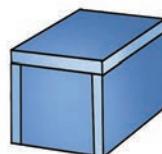
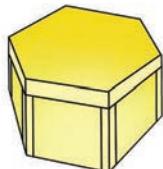
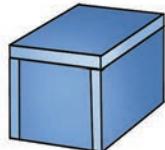
Ufhaṭa zwithu

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



Ee

Hayi



Ee

Hayi

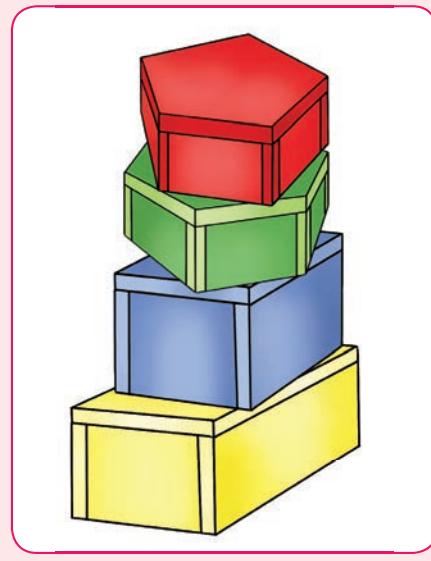
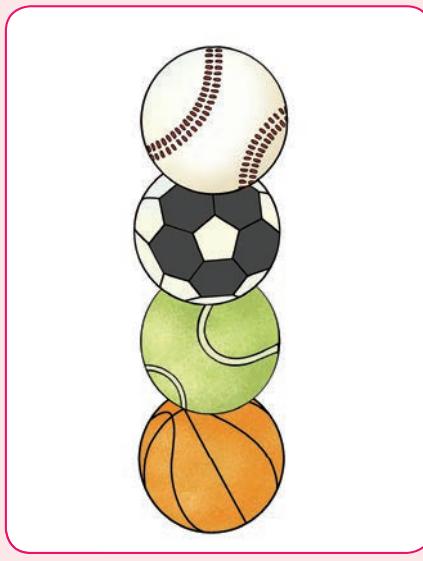
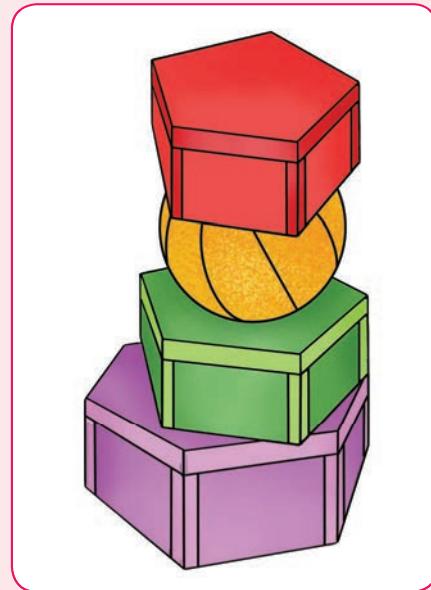
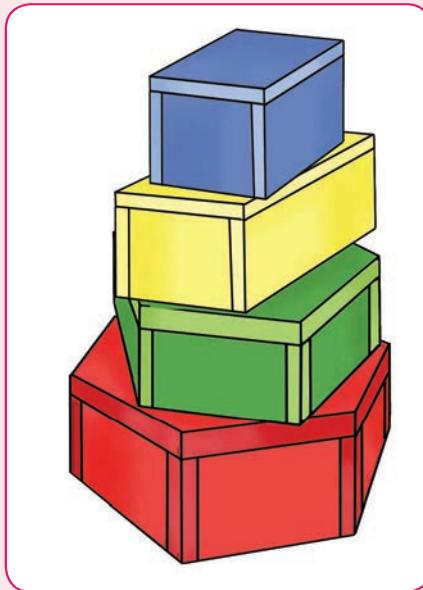


Ee

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?

Teacher:
Sign:

Date:

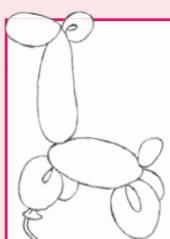




U bula tshifhinga

Tevhedzelani miñwedzi ya ñwaha.
Khalarani baloni la ñwedzi wa ñuvha ñanu la mabebo.

Phando



Luhuhi



Thafamuhwe



Lambamai



Shundunthule



Fulwi



Fulwana



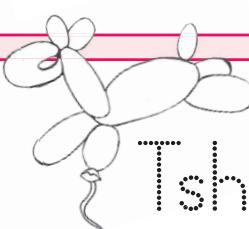
Thangule



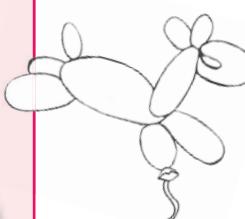
Khubvumedzi



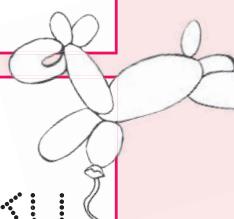
Tshimedzi



Lara



Nyendavhusiku





Tevhedzelani maduvha a vhege.
Khałarani tshibuloko tshi no sumbedza duvha ja ḥamus.

Musumbuluwo

Lavhuvhili

Lavhuraru

Lavhuŋa

Lavhutxanu

Mugivhela

Swondaha



Teacher:
Sign:

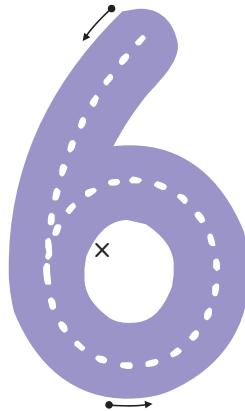
Date:





Olani zwitendededzi zwa **6** tshibulokoni.

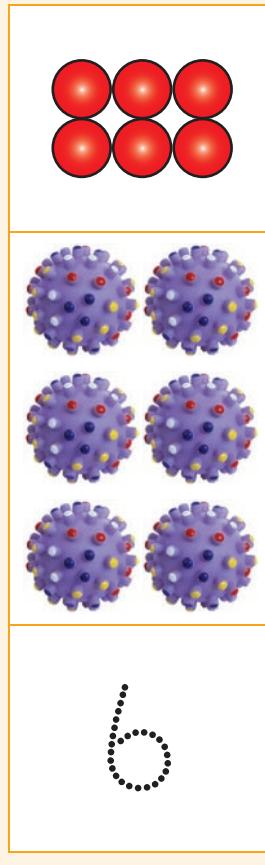
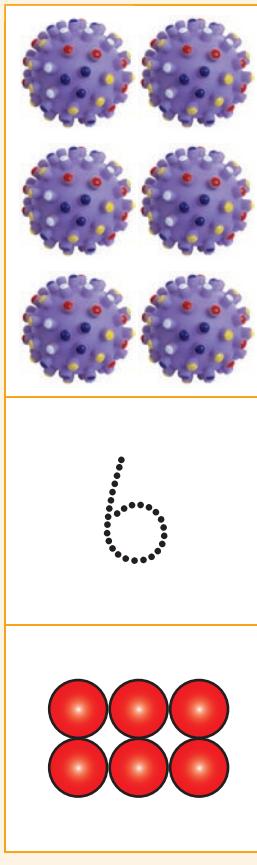
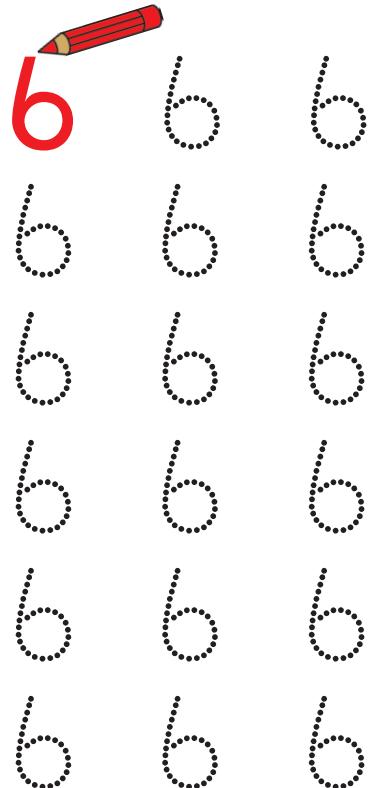
Rathi



Tovhedzelani nomboro.

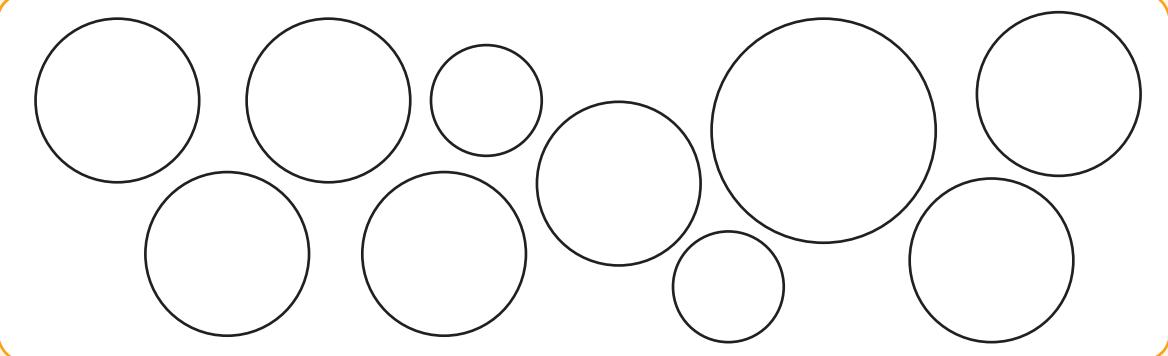


Livhanyani zwifanyiso.

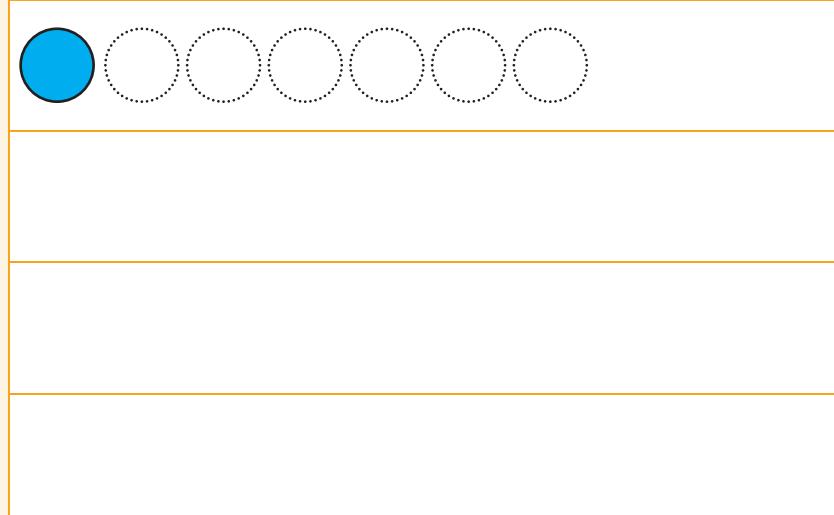
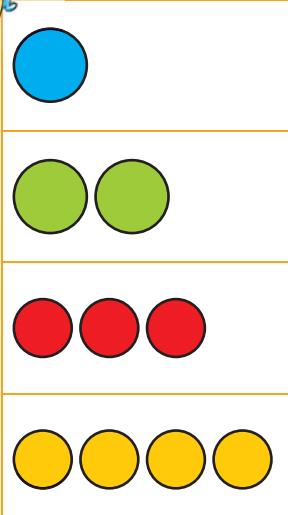




Khalarani zwitendeledzi zwa rathi.



Kopani ni ole zwiñwe hafhu zwa rathi.



Itani ndowendōwe ya nomboro.



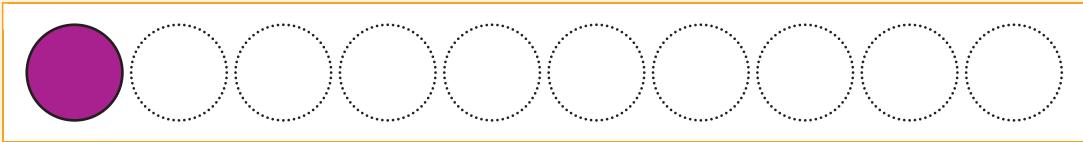
rathi



6 6 6 6



Khalarani zwitendeledzi ni khou ralo u zwi vhala.





Sumbe

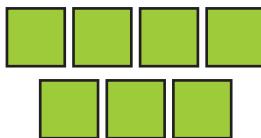
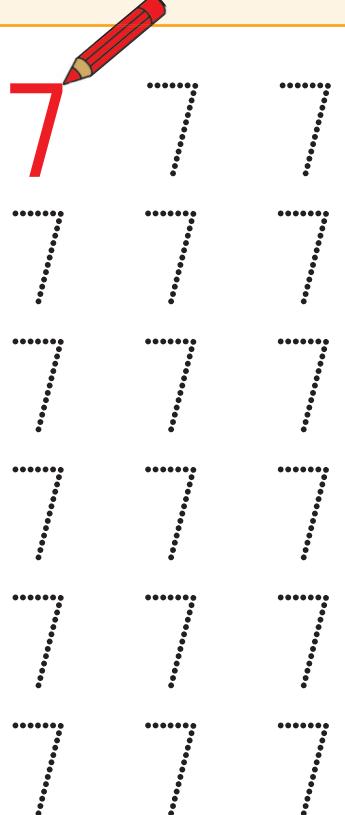
Olani zwikwea zwa sumbe tshibulokoni.



Tovhedzelani nomboro.



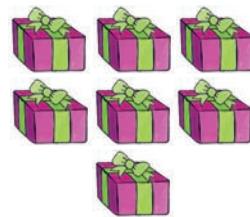
Livhanyani zwifanyiso.



sumbe

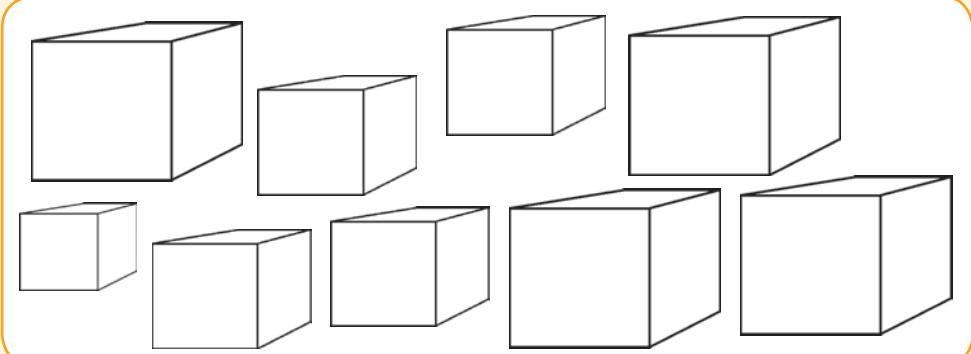
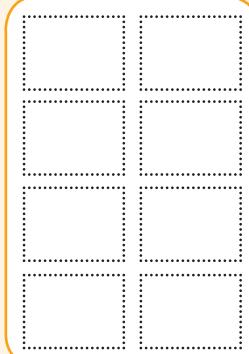


sumbe

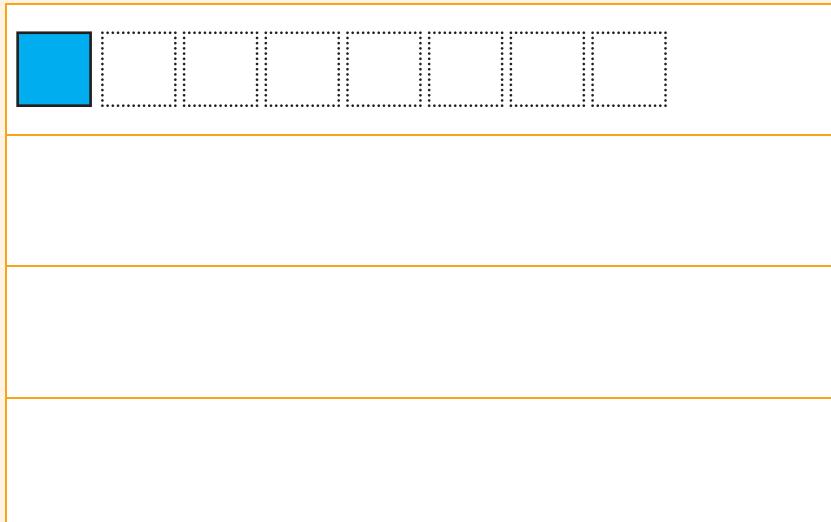
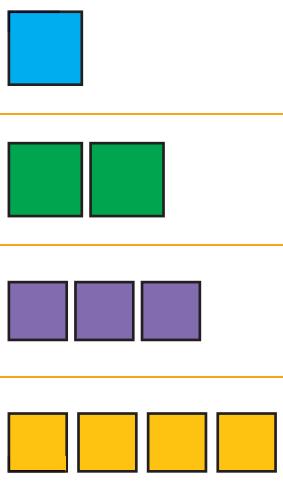




Khalarani zwikwea zwa sumbe.



Kopani ni ole zwinzhi nga zwiñwe haf hu zwa sumbe.



Itani ndowendowe ya nomboro.



sumbe



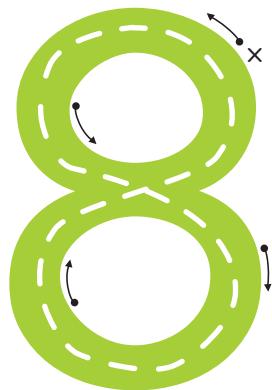
Khalarani zwikwea ni khou ralo u zwi vhala.





Olani zwivhumbeo zwa malo tshibulokoni.

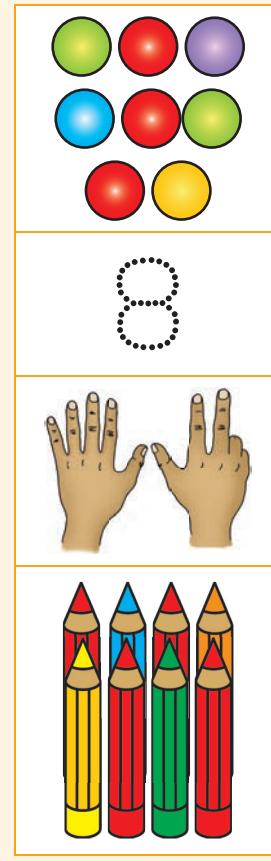
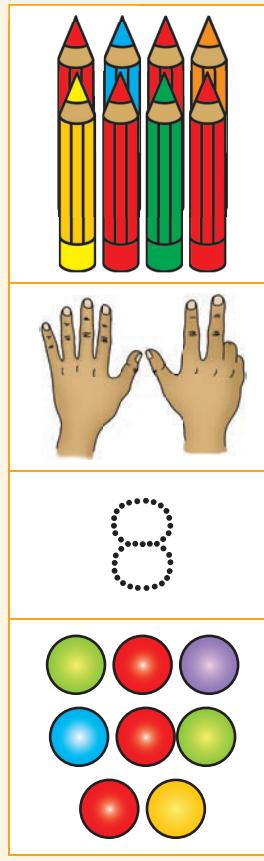
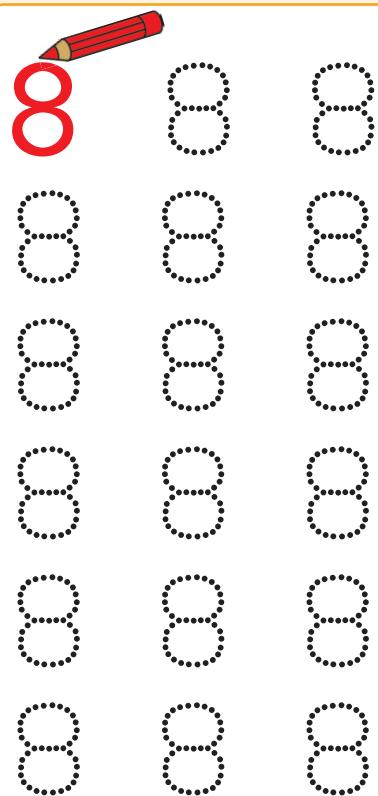
Malo



Tovhedzelani nomboro.



Livhanyani zwifanyiso.

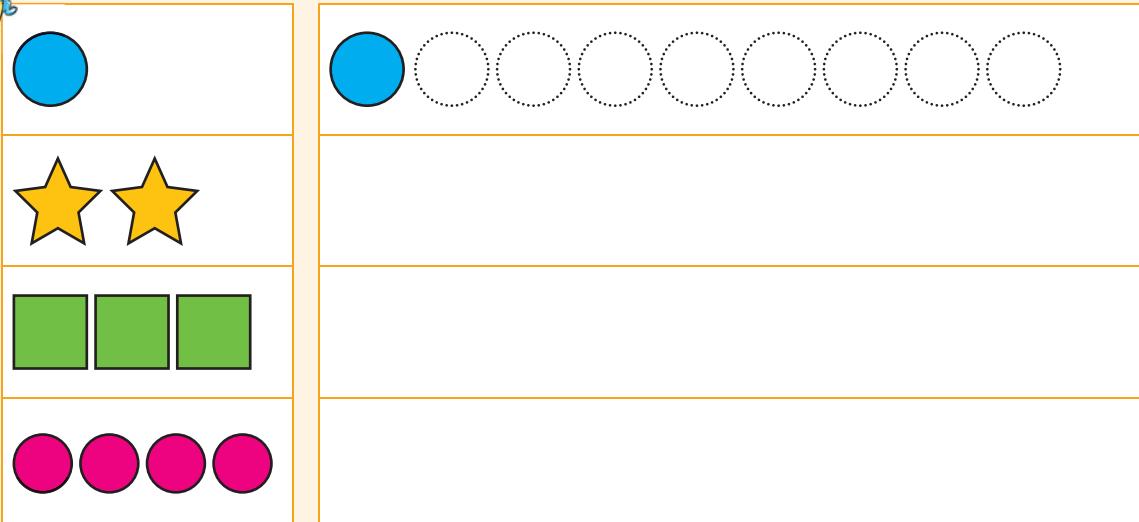




Khalaran ni naledzi dza malo.



Kopani ni ole zwiñwe haf hu zwa malo.



Itani ndowendewe ya nomboro.



malo



8 8 8 8



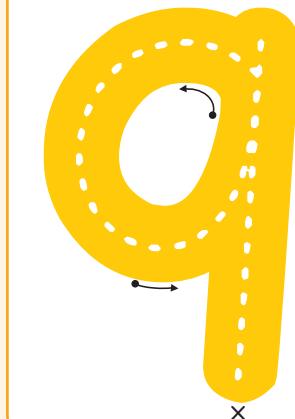
Khalaran ni zwitendeledzi ni khou ralo u zwi vhala.





Olani mbilu dza tahe tshibulokoni.

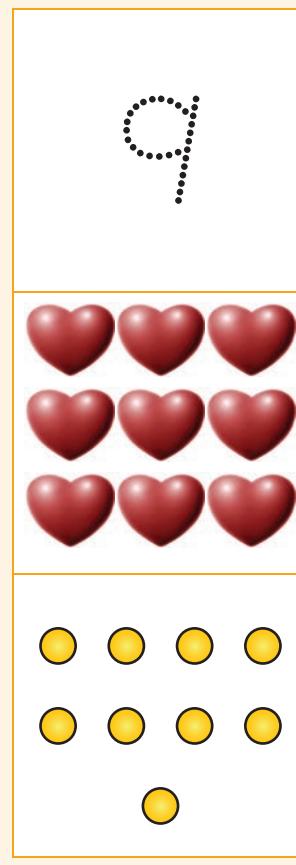
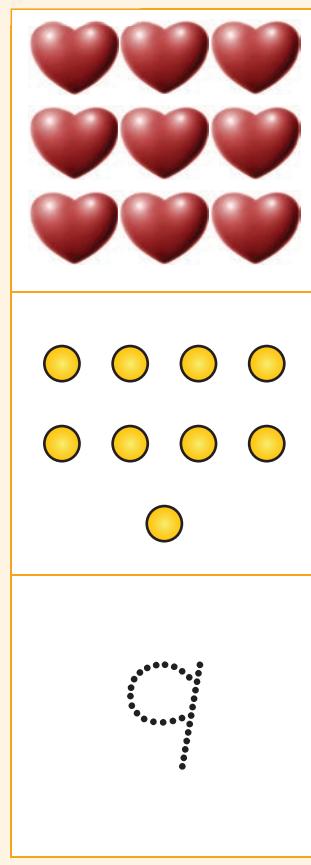
Tahe



Tovhedzelani nomboro.

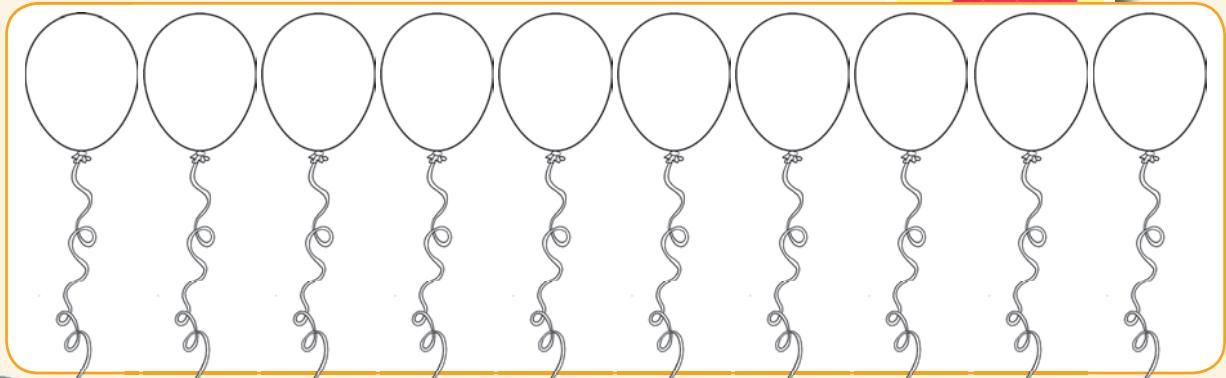


Livhanyani zwifanyiso.

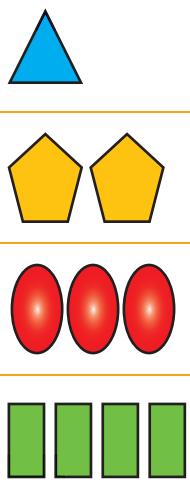




Khalaranī mabaloni a ṭahe.



Kopani ni ole zwiñwe haf hu zwa ṭahe.



Itani ndowendōwe ya nomboro.



ṭahe



Khalaranī thiraingele ni khou ralo u dzi vhala.





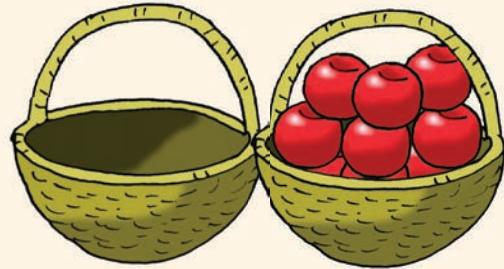
Zwo dala kana a hu na tshithu

Khalarani phindulo i re yone.
Zwifaredzi zwo dala kana a zwi na tshithu?



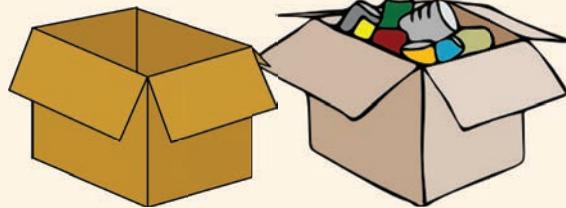
a tshi na
tshithu tsho dala

a tshi na
tshithu tsho dala



a tshi na
tshithu tsho dala

a tshi na
tshithu tsho dala



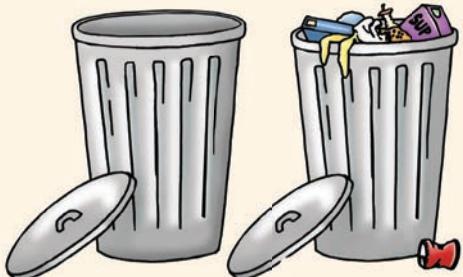
a tshi na
tshithu tsho dala

a tshi na
tshithu tsho dala



a tshi na
tshithu tsho dala

a tshi na
tshithu tsho dala



a tshi na
tshithu tsho dala

a tshi na
tshithu tsho dala



a tshi na
tshithu tsho dala

a tshi na
tshithu tsho dala



a tshi na
tshithu tsho dala

a tshi na
tshithu tsho dala

zwo dala

**a zwi na
tshithu**

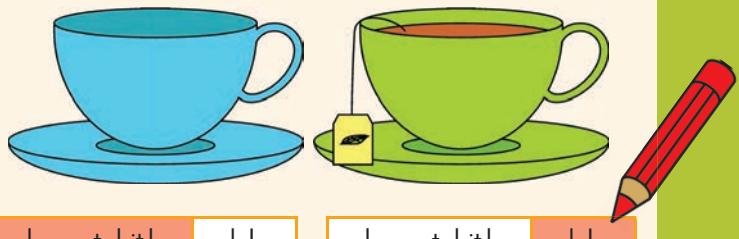




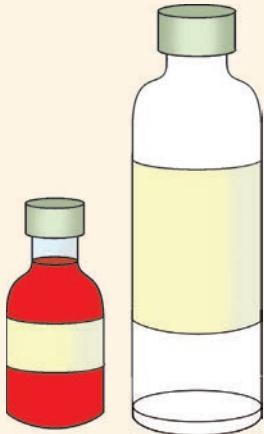
Khalarani phindulo i re yone.
Zwifaredzi zwo ḫala kana a zwi na tshithu?

a hu na
tshithu

ᬁala



a hu na tshithu ḫala a hu na tshithu ḫala



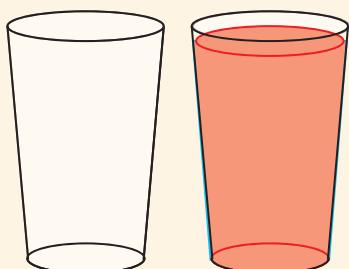
a hu na tshithu ḫala

a hu na tshithu ḫala



a hu na tshithu ḫala

a hu na tshithu ḫala



a hu na tshithu ḫala

a hu na tshithu ḫala



a hu na tshithu ḫala

a hu na tshithu ḫala

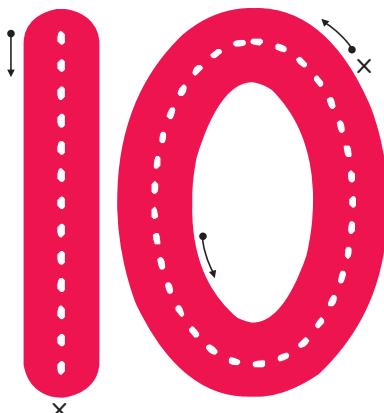
Teacher:
Sign:

Date:

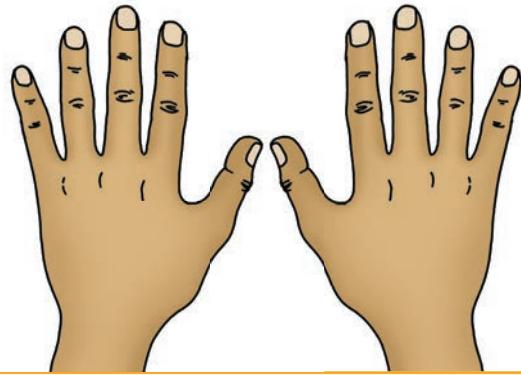


Vhalani minwe i re kha zwanda vhuvhili hazwo.

Fumi



1 2 3 4 5 6 7 8 9 10



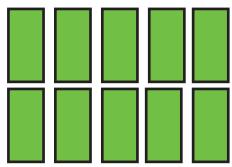
Tovhedzelani nomboro.



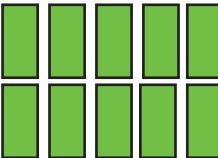
Livhanyani zwifanyiso.

10 10 10
10 10 10
10 10 10
10 10 10
10 10 10
10 10 10

10



10



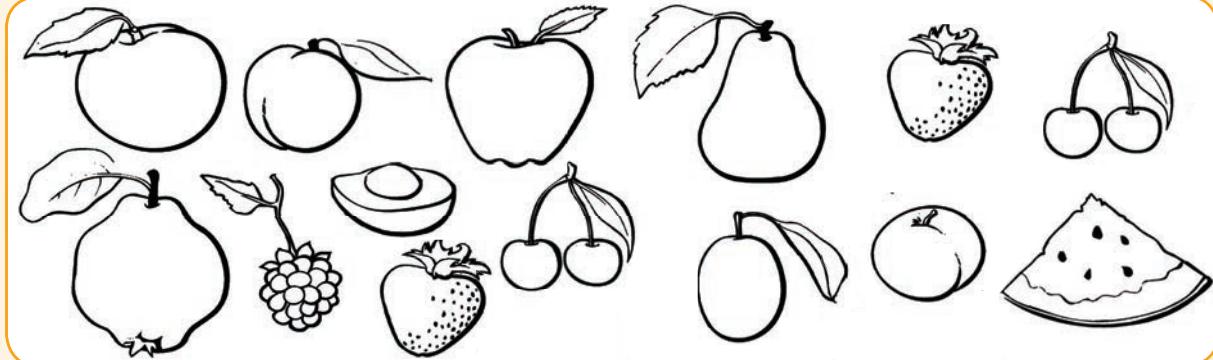
10

10

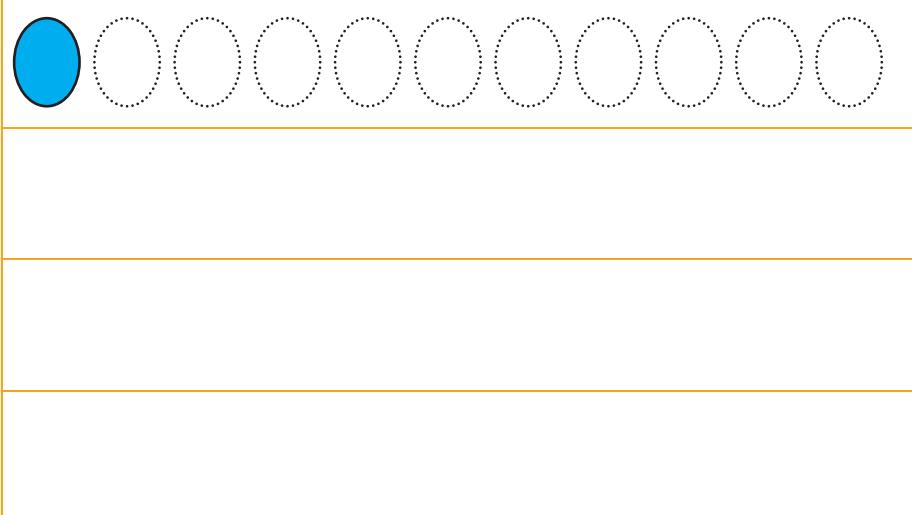




Khalaran i mitshelo ya zwa fumi.



Kopani ni ole zwi zwinzhi nga zwa fumi.



Itani ndowendowe ya nomboro.



10

fumi



10 10 10



Khalaran i rekithiengle ni khou ralo u dzi vhala.



11 12 13 14 15 16 17 18 19 20



Teacher:
Sign:

Date:



Nomboro lu swika kha 10

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

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



U ñwala nomboro 6 u swika kha 10

Itani ndondowe ya u ñwala nomboro idzi.



6

rathi

6

6

6

6



7

sumbe

7 7



8

malo

8 8



9

tyahe

9 9



10

fumi

10 10

Teacher:
Sign:

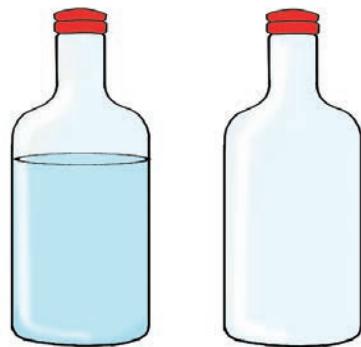
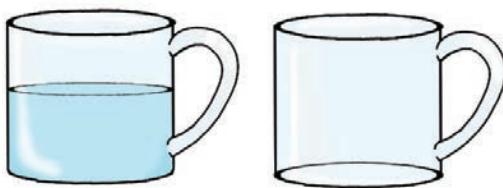
Date:



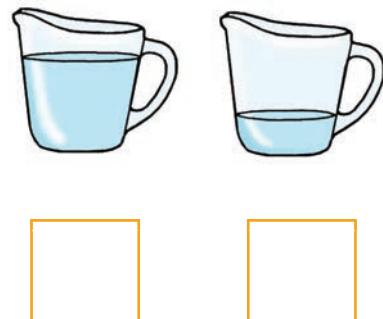
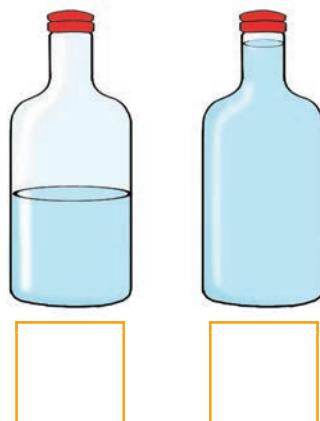


Khaphasithi na volumu

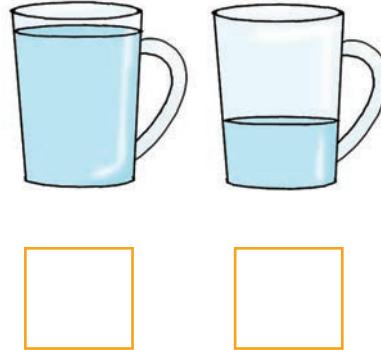
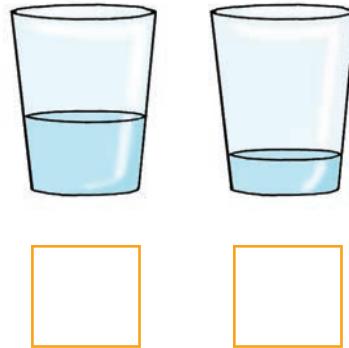
Olani ni tshi sumbedza mađi manzhi kha tshifaredzi tshi re kha tshanda tsha u la.



Itani thiki kha tshifaredzi tshi no fara zwinzhi.

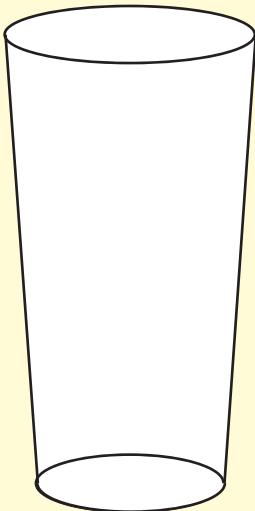
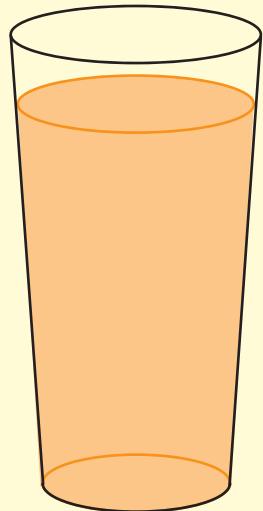


Itani thiki kha tshifaredzi dici no fara zwituku.

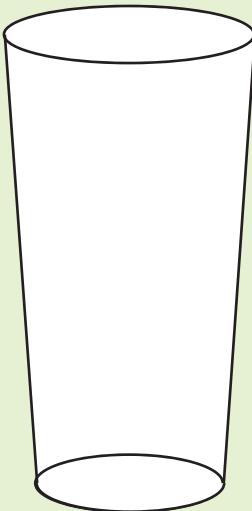
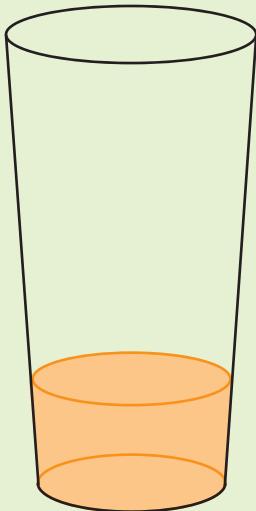




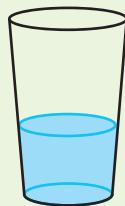
Khałarani ngilasi ya vhuvhili u itela uri i vhe na dzusi ḥukhu kha i re ngilasini ya u thoma.



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.



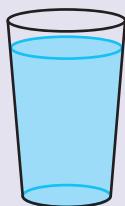
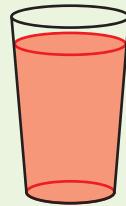
Ngilasi ya lutombo i na

**zwinzhi
kha**

**zwituku
kha**

**zwi no
lingana
na**

zwa ngilasi tswuku.



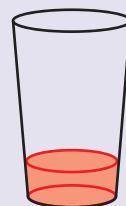
Ngilasi ya lutombo i na

**zwinzhi
kha**

**zwituku
kha**

**zwi no
lingana
na**

zwa ngilasi tswuku.



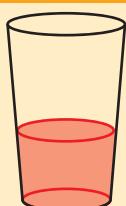
Ngilasi ya lutombo i na

**zwinzhi
kha**

**zwituku
kha**

**zwi no
lingana
na**

zwa ngilasi tswuku.



zwinzhi kha

zwituku kha

Teacher:
Sign:

Date:



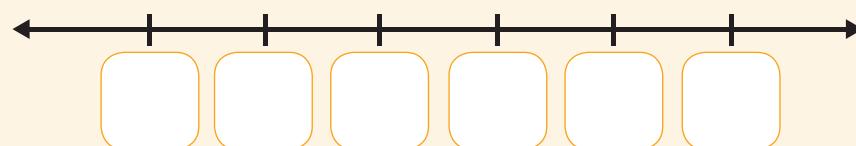
Nomboro lu swika kha 10

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

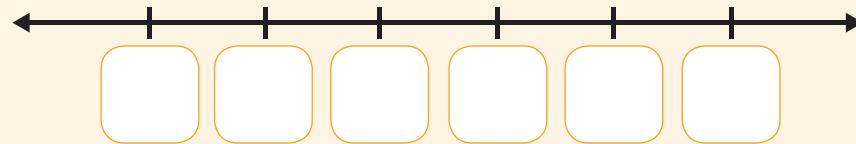


Nwalani nomboro u thoma kha ḥukhusa u ya kha khulwanesa dici kha mutalombalo.

2	4	3
6	1	5



1	6	8
7	9	5



Khalaraní 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 thusé.

Nnzhi kha 5 nga nthihi.

Thukhu kha 5 nga nthihi.

Nnzhi kha 6 nga mbili.

Thukhu kha 7 nga mbili.



Mutalo wa malungu



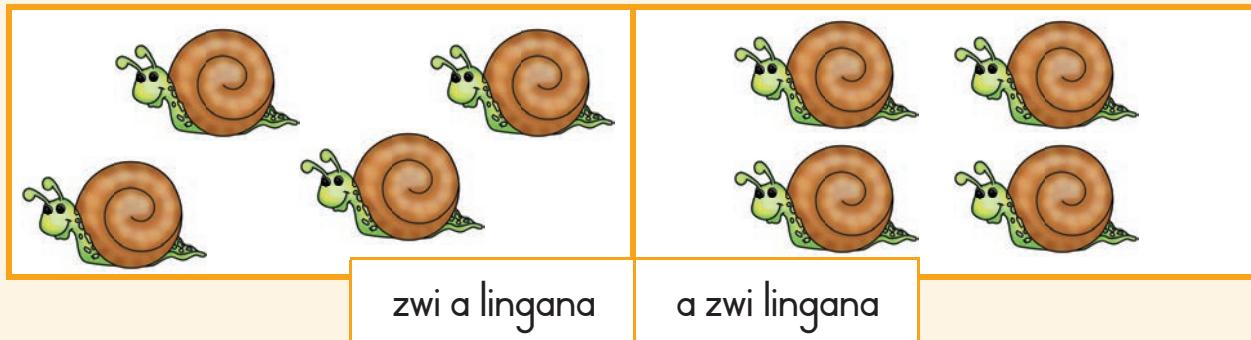
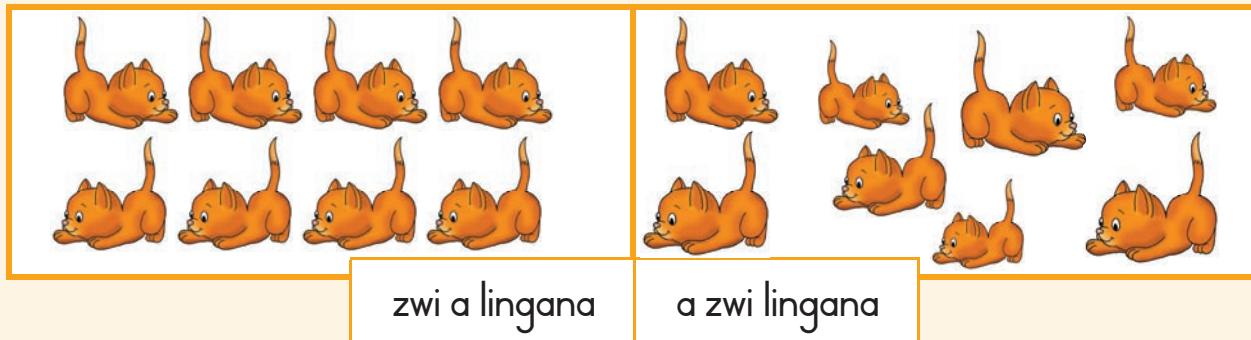
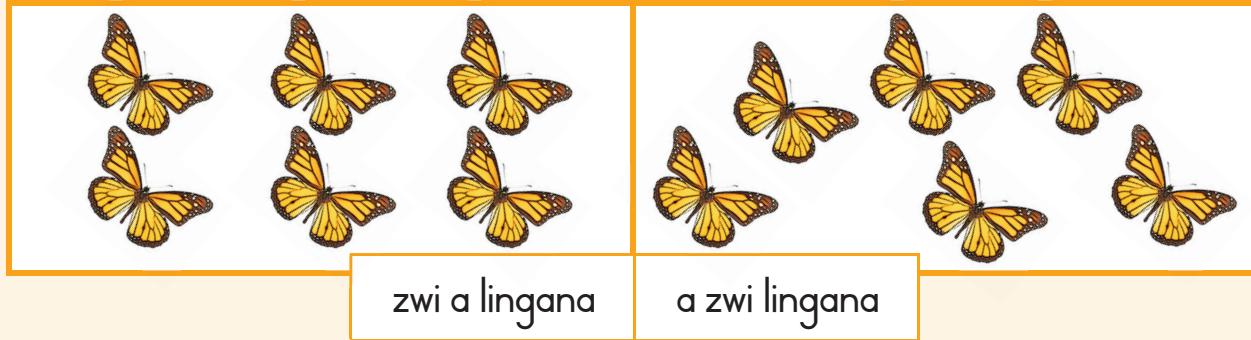
Dzhenisani nomboro i no khou ṭahela.

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				



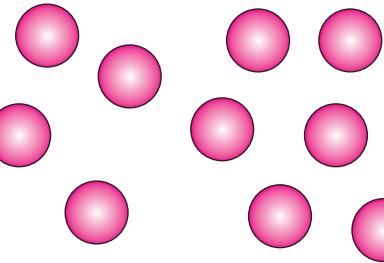
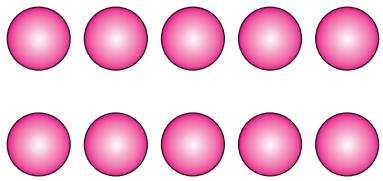
Zwi no pada, zwi no lingana na zvituku

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





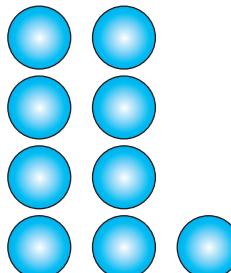
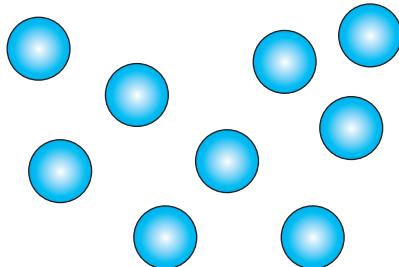
Bulani uri tshibuloko tsha vhuvhili tshi na zwithu zwinzhi kha, zwituku kha, kana zwi no lingana na zwa tshibuloko tsha u thoma. Khalarani phindulo yone.



zwinzhi

zwi no
lingana

zwituku



zwinzhi

zwi no
lingana

zwituku



Livhanyani zwithu na nomboro.

1

2

3

4

5

6

7

8

9

10



Teacher:
Sign:

Date:

11

12

13

14

15

16

17

18

19

20

89



U ḫanganya malegere

ᜑanganyani malegere ni dzenise phindulo.

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

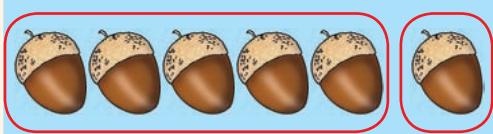
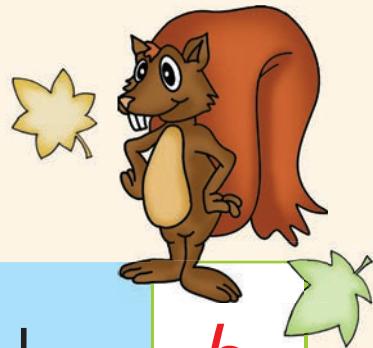
$$2 + 3 = 5$$

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

$$3 + 4 = \dots$$



ᜑanganyani nomboro.



$$5 + 1 = 6$$



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



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

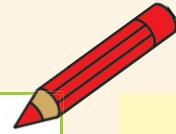


$$4 + 3 = \boxed{}$$





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:
Sign:

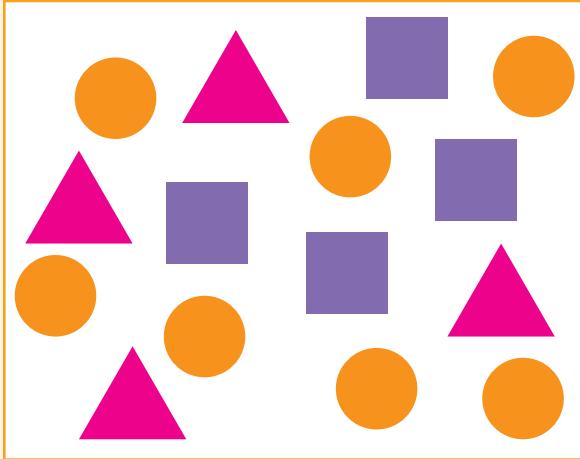
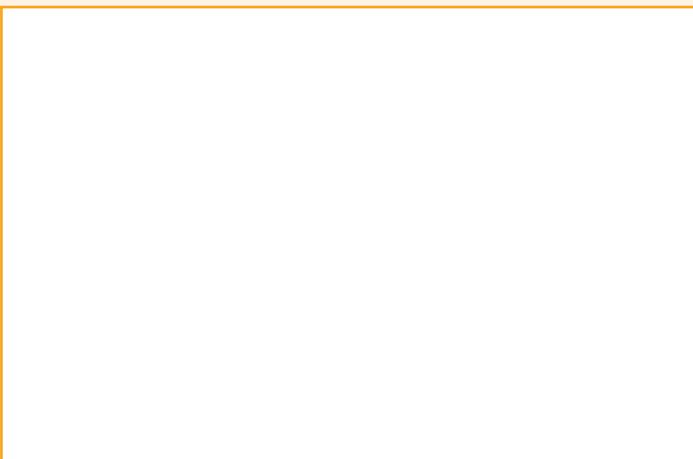
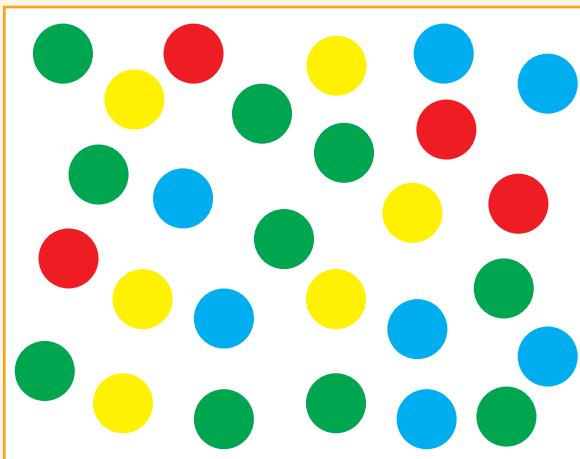
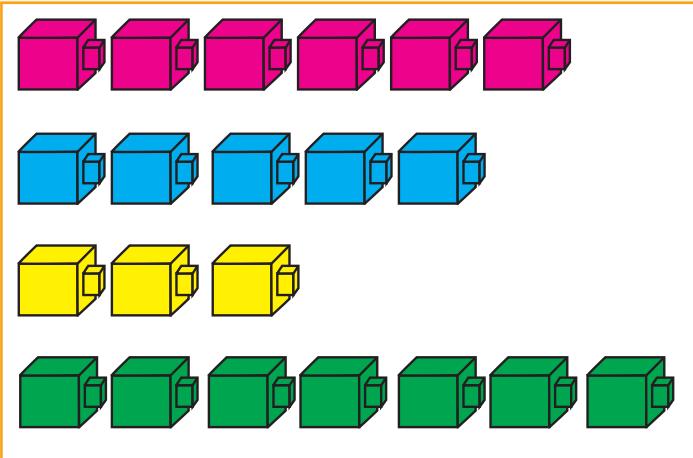
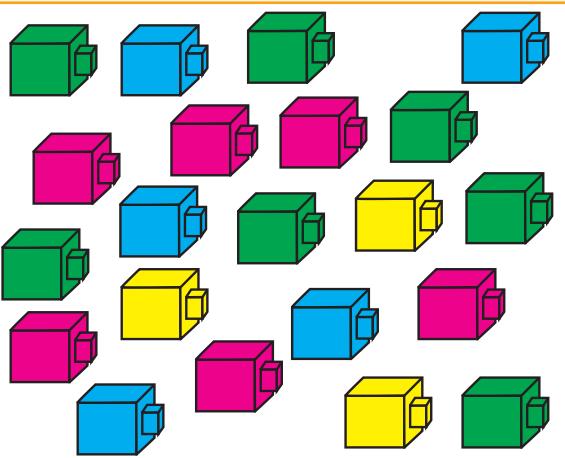
Date:





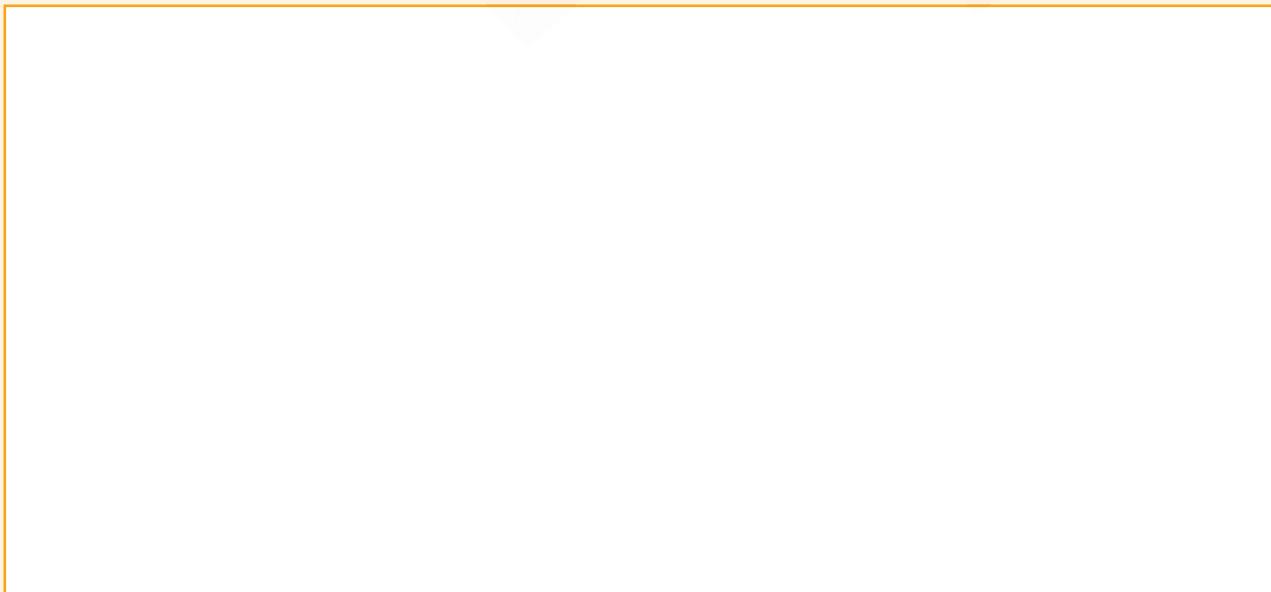
U kuvhanganya na u vhekanya

Vhekanyani ni ole miolo ya zwo kuvhanganyaho zwe zwa vhekanywa.





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



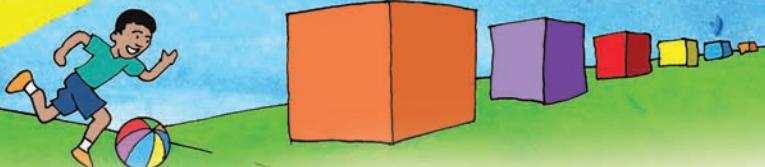
Hu na matari mangana a mutada ?	
Hu na matari mangana a tshitopana ?	
Hu na matari mangana madala ?	



Teacher:
Sign:

Date:





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



Olanı tshifanyiso ni የwale fhungombalo ja tshifanyiso tshiñwe na tshiñwe.

Sarah u na malegere a 3. Sipho u na malegere a 2. Vha na malegere mangana o ḥangana o ḥe?



Kha ri vhale:

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

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

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



Kha ri vhale:

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

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

Hu na zwisusu zwit̄anu (zwa 5). Ha mbo swika zwiñwe zwivhili. Hu na zwisusu zwingana?



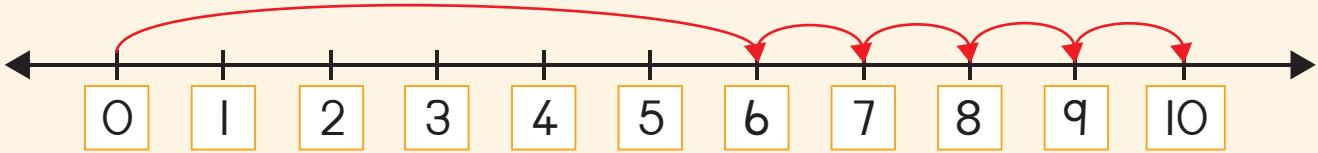
Kha ri vhale:

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

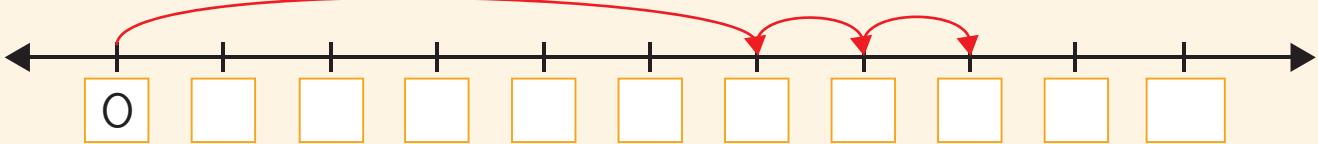
$$\boxed{} - \boxed{} = \boxed{}$$



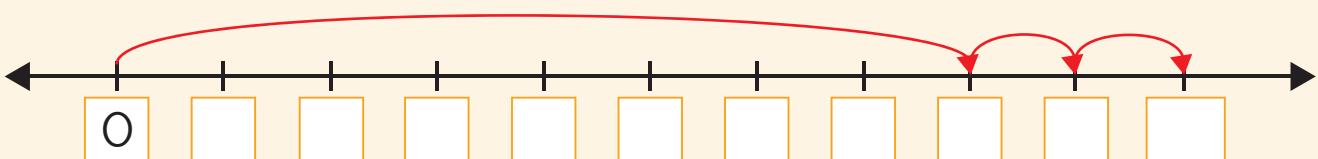
Nwalani nomboro kha mutalombalo ni kone u nwala fhungombalo ja mutalombalo muñwe na muñwe.



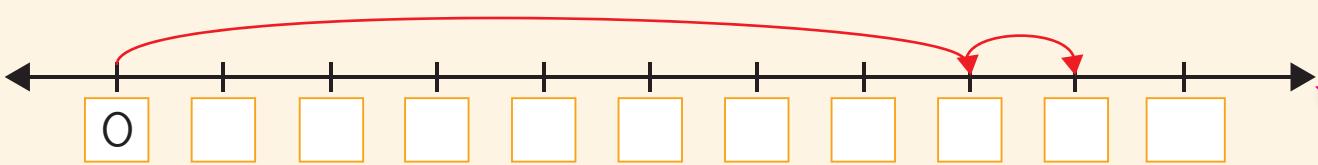
$$\boxed{6} + \boxed{4} = \boxed{\quad}$$



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



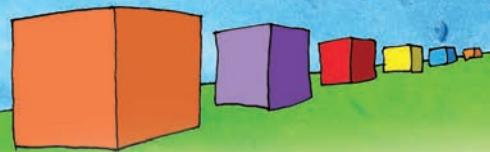
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



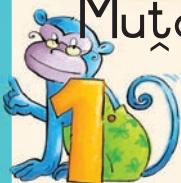
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

Teacher:
Sign:

Date:



Mutanganyo: u fhaṭa na u paḍukanya u swika kha 10

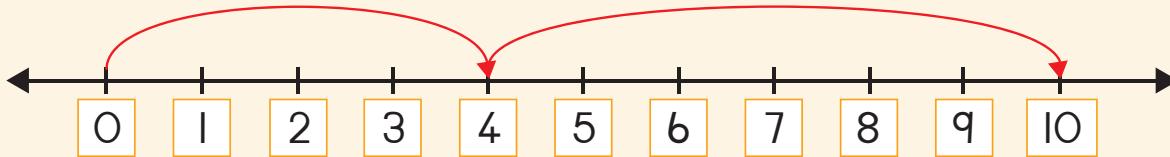


Khalaran ni tshi sumbedza zwi tevhelaho.

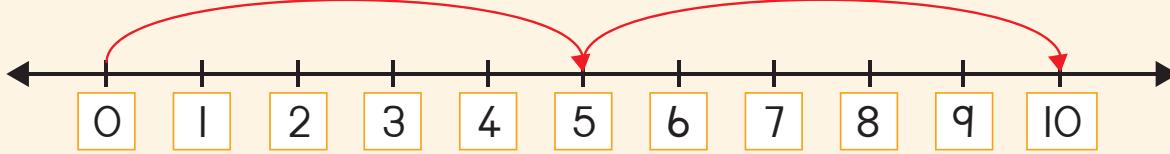
$1 + 9$	
$2 + 8$	
$3 + 7$	
$4 + 6$	
$5 + 5$	



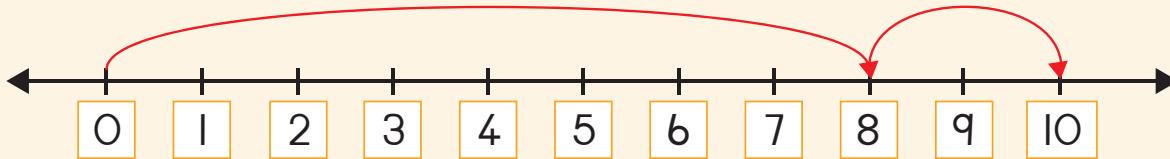
Nwalani mbalo ya:



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



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



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



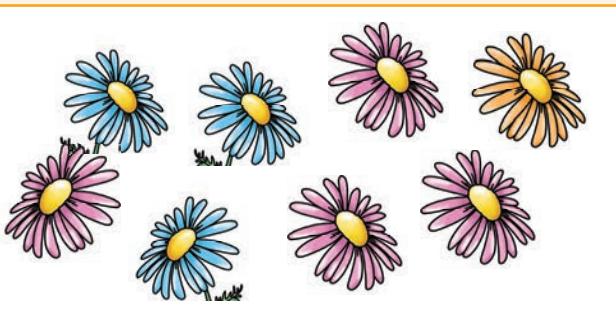
Shumisani zwivhalo zwa maluvha kha u vhumba mutalombalo wañu inwi muñē.



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



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



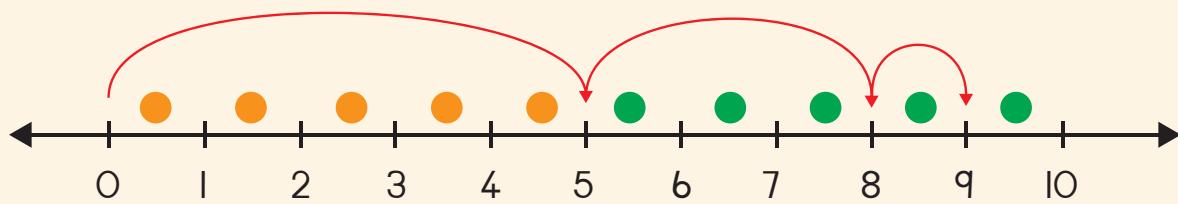
$$\boxed{} + \boxed{} + \boxed{} = \boxed{}$$



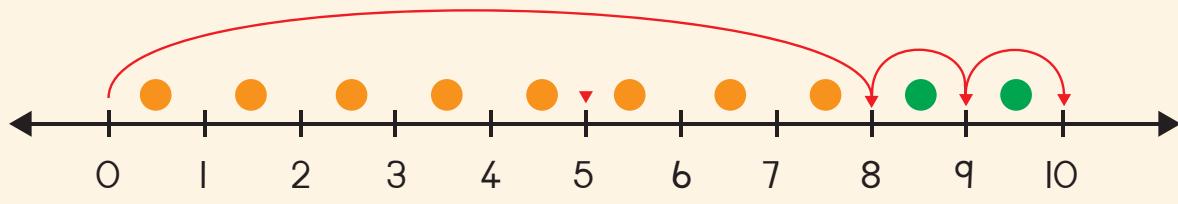
$$\boxed{} + \boxed{} + \boxed{} = \boxed{}$$



Nwalani mbalo ya:



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



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





U inga kavhili na u hafula

Fhindulani zwi tevhelaho.

Ni kona u vhona vhasidzana vhangana?



Ni kona u vhona vhasidzana vhangana?



Nyingakavhili ya 1 ndi 2.
Arali ra nga hafula tshivhalo tsha vhasidzana?

Ni kona u vhona milenzhe mingana?



Ni kona u vhona milenzhe mingana zwino?

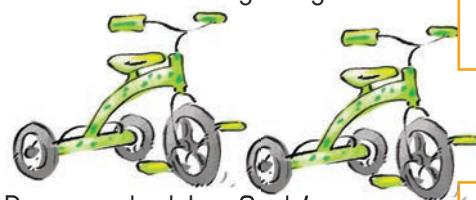


Ri ri nyingakavhili ya 2 ndi 4.
Hafu ya 4 i do vha mini?

Ni kona u vhona milinga mingana?



Ni kona u vhona milinga mingana zwino?



Ri ri nyingakavhili ya 3 ndi 6.
Hafu ya 6 i do vha mini?

Ni kona u vhona milenzhe mingana?



Ni kona u vhona milenzhe mingana zwino?

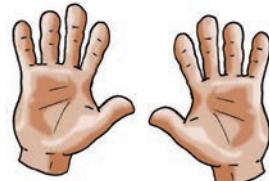


Ri ri nyingakavhili ya 4 ndi 8.
Hafu ya 8 i do vha mini?

Ni kona u vhona minwe mingana?



Ni kona u vhona minwe mingana zwino?

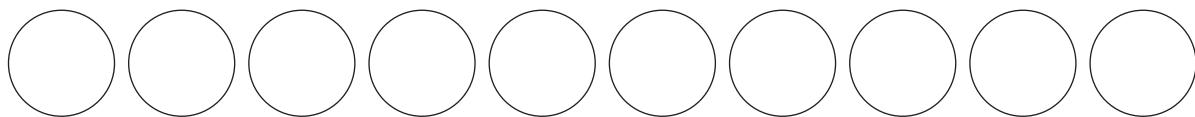


Ri ri nyingakavhili ya 5 ndi 10.
Hafu ya 10 i do vha mini?



Tandululani zwi tevhelaho nga u khalara. Nwalani mbalo.

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



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



Fhindulani zwi tevhelaho.

Nyingakavhili ya 1 ndi

Nyingakavhili ya 2 ndi

Nyingakavhili ya 4 ndi

Nyingakavhili ya 5 ndi

Hafu ya 2 ndi

Hafu ya 4 ndi

Hafu ya 8 ndi

Hafu ya 10 ndi

Nyingakavhili ya 3 ndi

Hafu ya 6 ndi



Teacher:
Sign:

Date:



48a

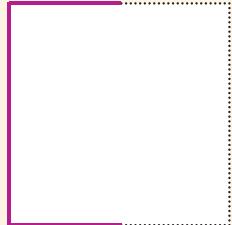
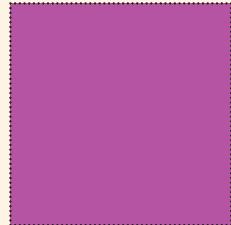
Themo ya 2



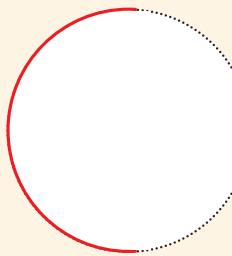
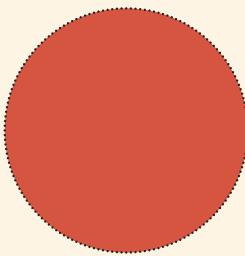
Fhedzisani zwifanyiso izwi.

Zwivhumbeo

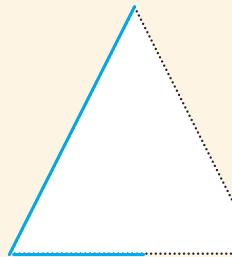
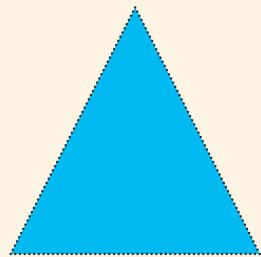
tshikwea



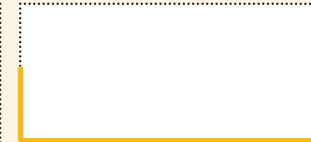
tshitendeledzi



thiraiengеле



rekithiengèle



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



1

2

3

4

5

6

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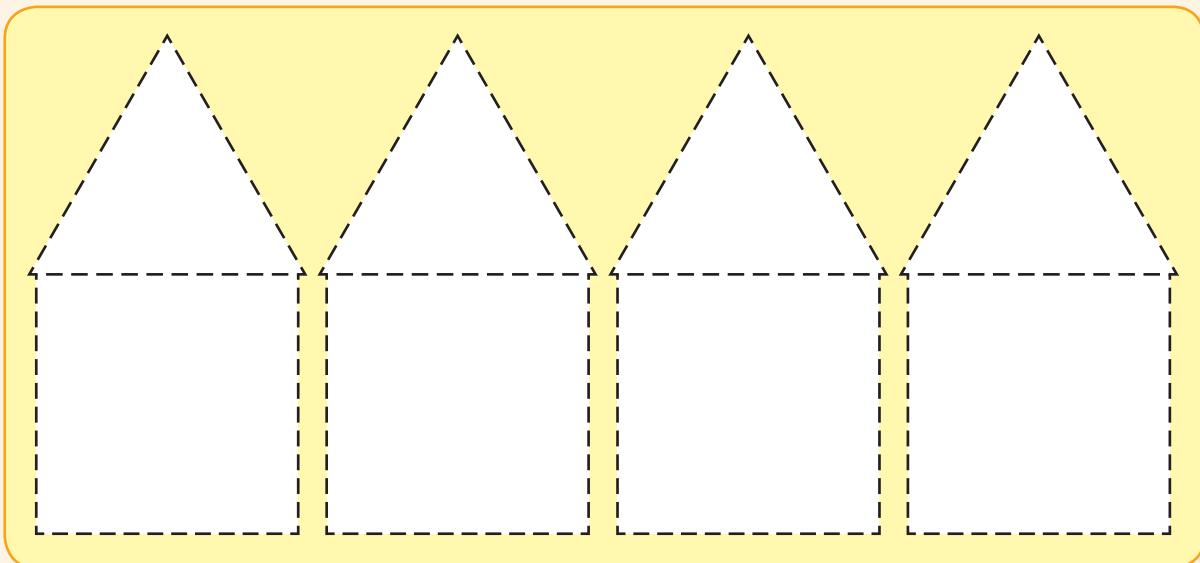
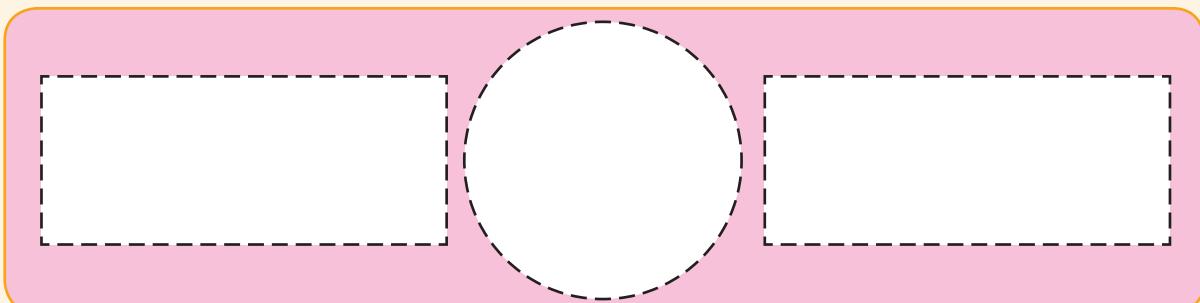
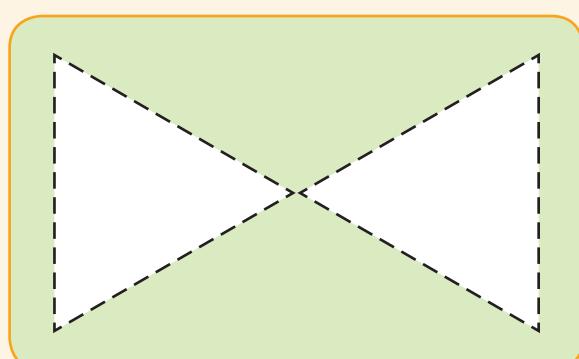
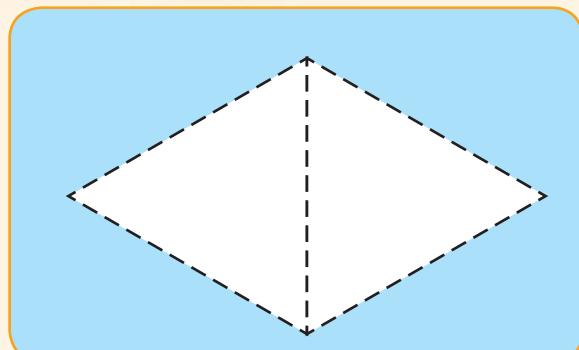
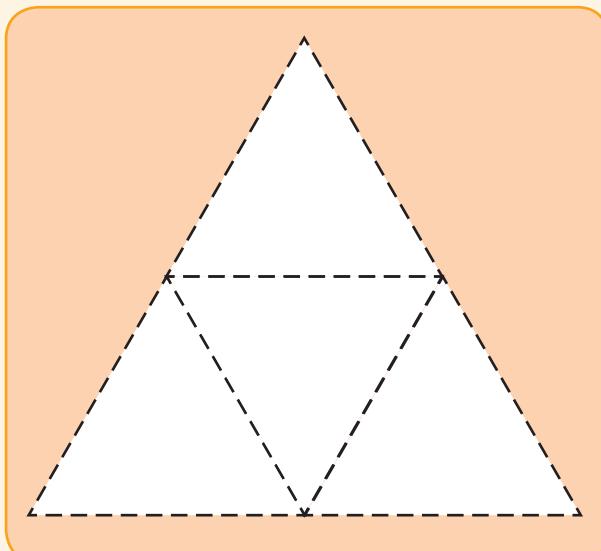
8

9

10



Shumisani zwivhumbeo zwa u
gera kha u vhumba zwivhumbeo
izwi.



Teacher:
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Date:



11

12

13

14

15

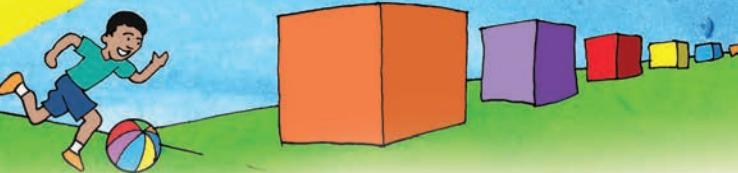
16

17

18

19

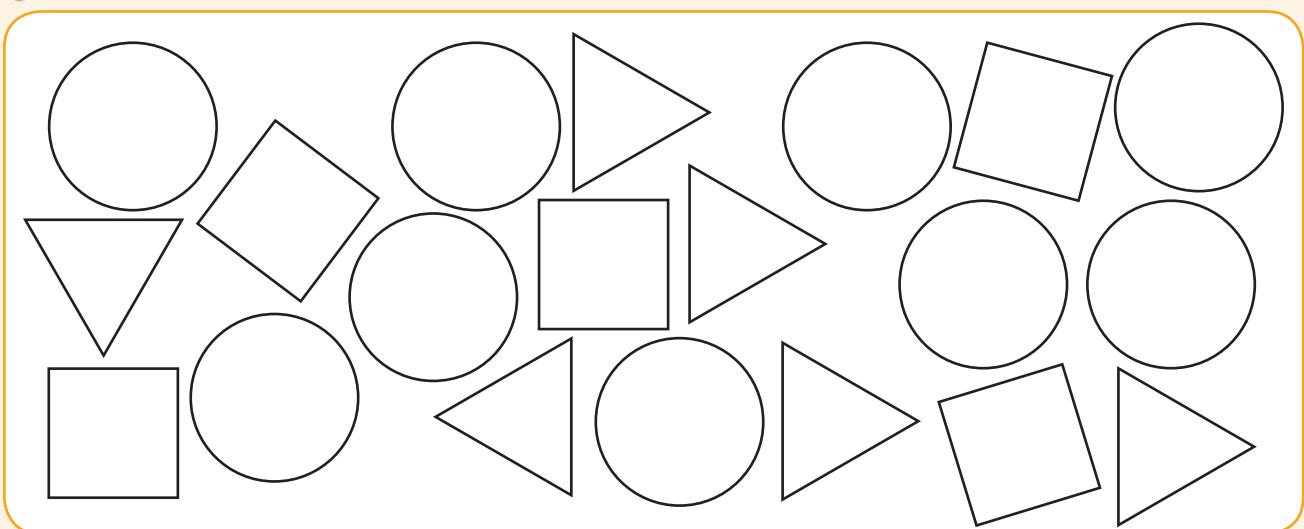
20



Zwivhumbeo zwiṁwe hafhu zwa 2-D



Vhekanyani zwivhumbeo ni ite muolo wa zwe na vhekanya.



Thiraiengele

Tshitendeledzi

Tshikwea

Hu na thiraiengele nngana?

Hu na zhitendeledzi zwingana?

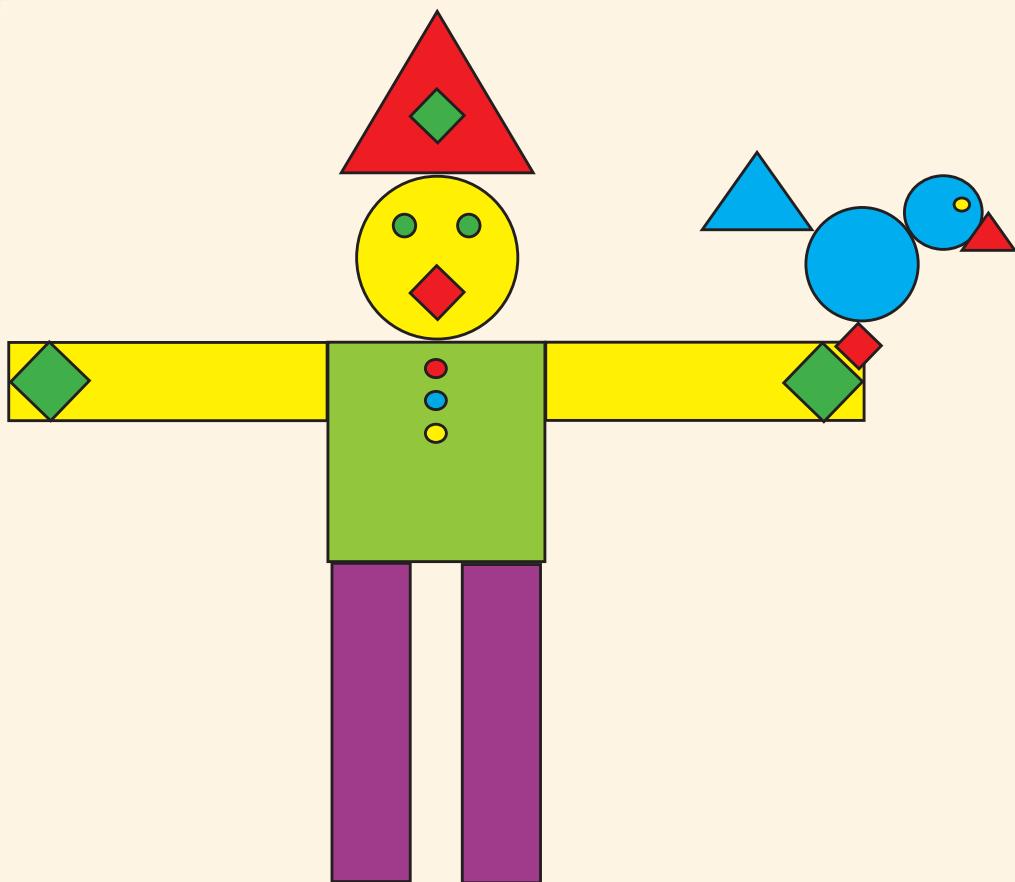
Hu na zwikwe zwingana?



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 zvitendeledzi zwingana?	
<input type="triangle"/>	Ni nga kona u wana thiraiengele nngana?	
<input type="rectangle"/>	Ni nga kona u wana rekithiengele nngana?	



Teacher:
Sign:

Date:

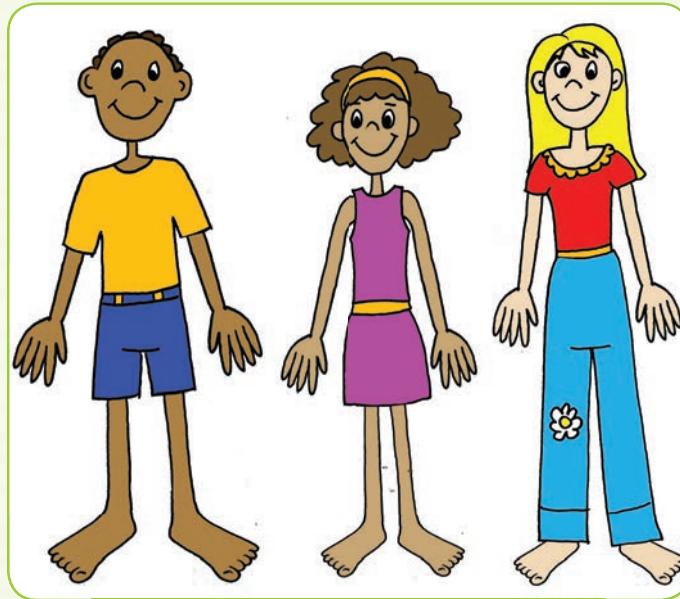
49

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?

Ńwalani mbalo ya phere dza milenzhe.

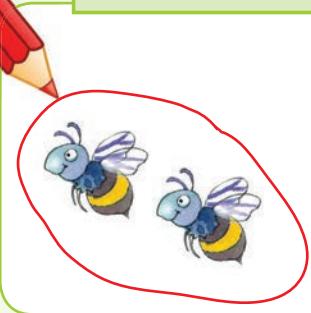
$$2 + 2 + 2 =$$



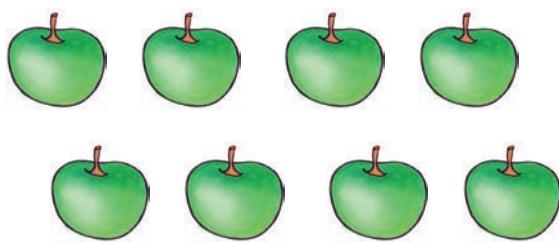
Itani zwitendededzi u mona na zwitevh zwi tevhelaho eleho uri ni ite:



zwigwada zwa 2 zwa ya 2



zwigwada zwa 4 zwa ya 2



1

2

3

4

5

6

7

8

9

10



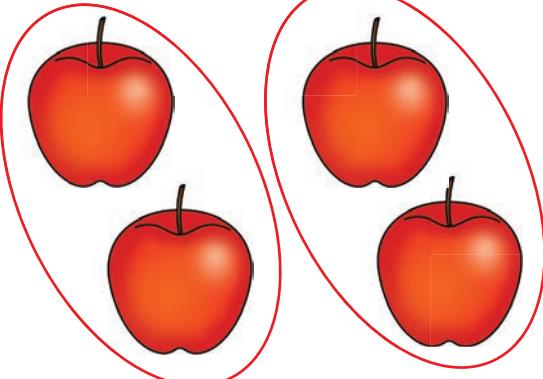
zwigwada zwa 5 zwa ya 2



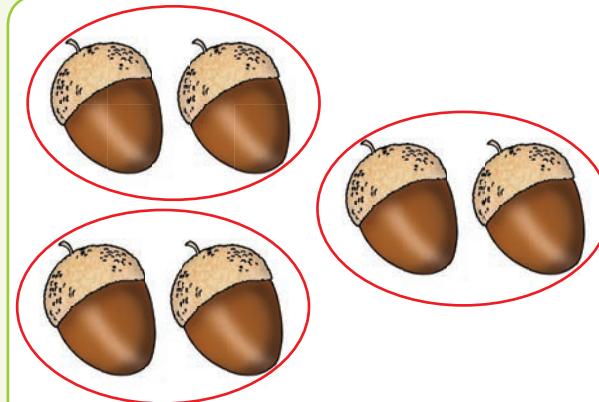
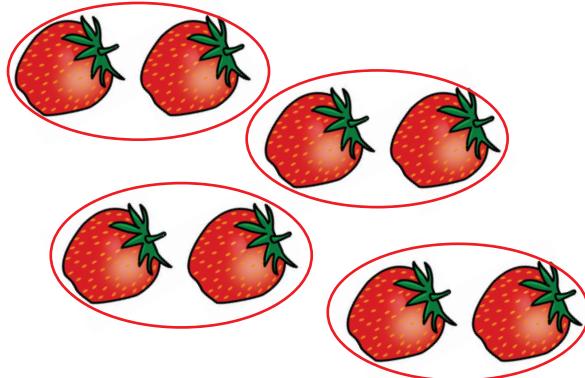
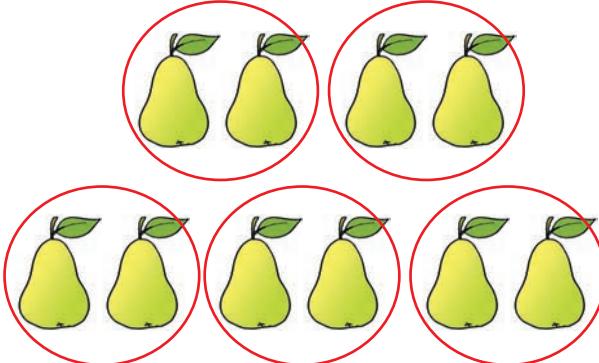
zwigwada zwa 3 zwa ya 2



Nwalani mbalo ya zwi tevhelaho:



$$2 + 2 =$$



Teacher:
Sign:

Date:

105

11

12

13

14

15

16

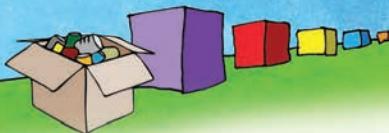
17

18

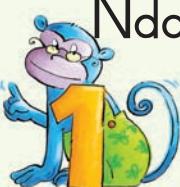
19

20





Ndovhololo ya mutanganyo wa mbili u swika kha 10



Hu na milenzhe mingana? Nwalani mbalo yazwo.



$$2 + 2 + 2 = 6$$



Rekanyani ni ite muolo.

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



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

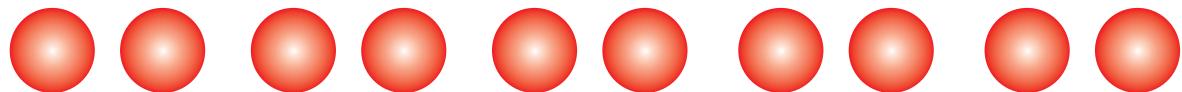
$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{}$$

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

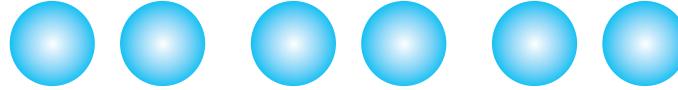
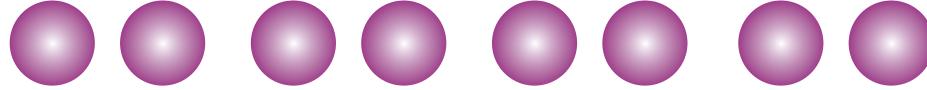




Nwalani mbalo ya:



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



Vhalani nomboro idzi nga mbilimbili ni khalare mbili dzot̄he.

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

11 12 13 14 15 16 17 18 19 20

Teacher:
Sign:

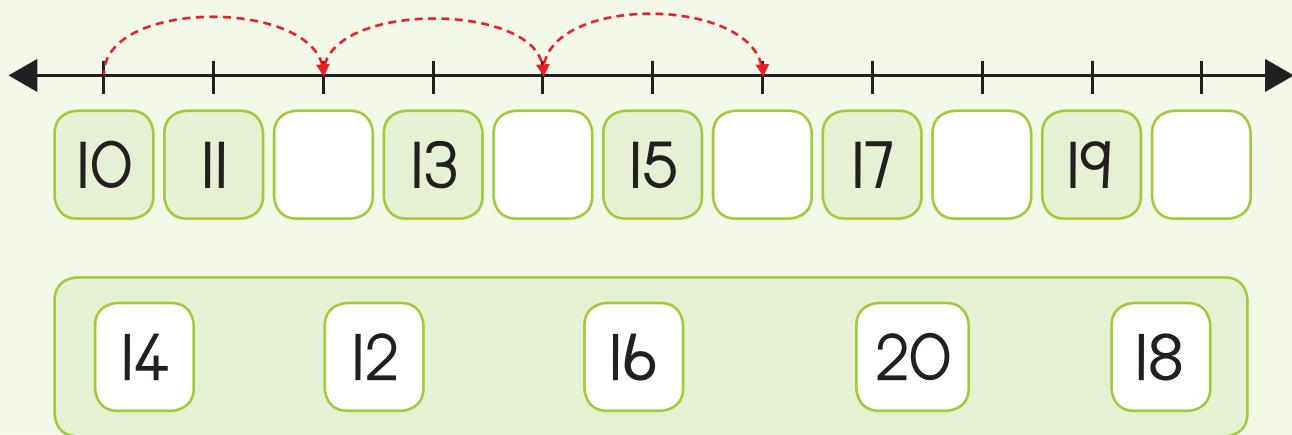
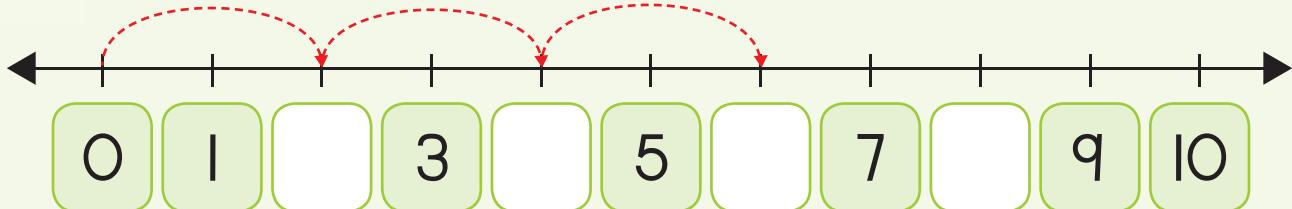
Date:





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 f'hedzisa mithamuwo miñwe mivhili hafhu.



Fhedzisani phetheni nga u khalaara nomboro.

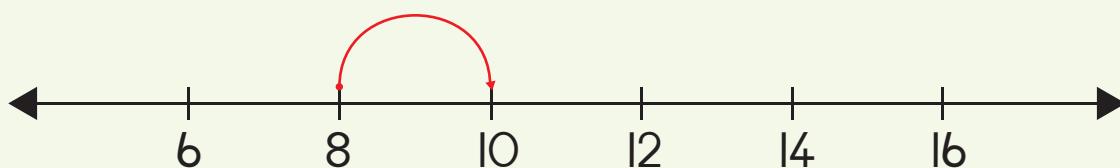
I	2	3	4	5	6	7	8	9	10
II	12	13	14	15	16	17	18	19	20



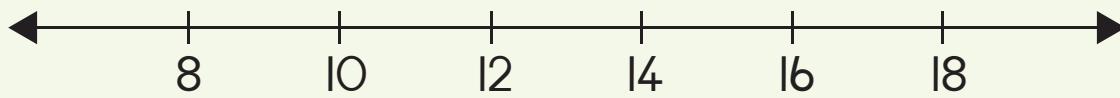


Olani mithamuwo ni tshi sumbedza zwi tevhelaho.

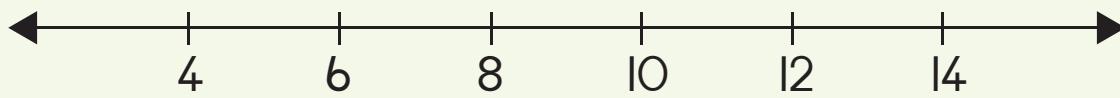
8 10 12 14



12 14 16 18



4 6 8 10



Teacher:
Sign:

Date:

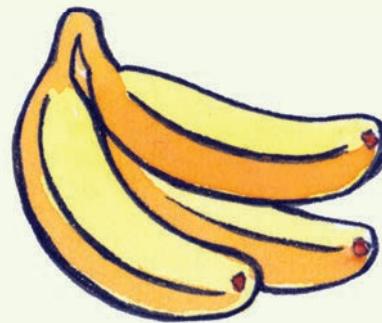
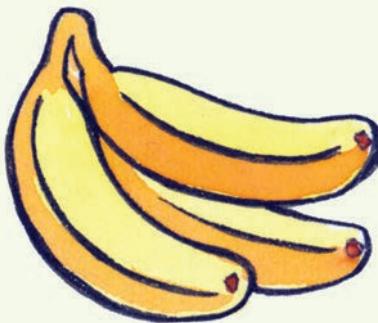
11 12 13 14 15 16 17 18 19 20





Zwigwada zwa raru u swika kha zwa fumi

Fhindulani mbudziso.



Ni kona u vhala miomva mingana?

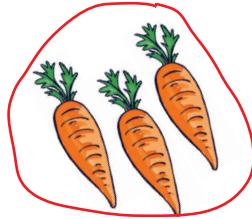
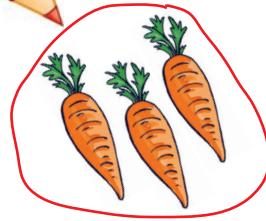
Hu na zwigwada zwingana?

I ንwaleni sa mutalombalo.

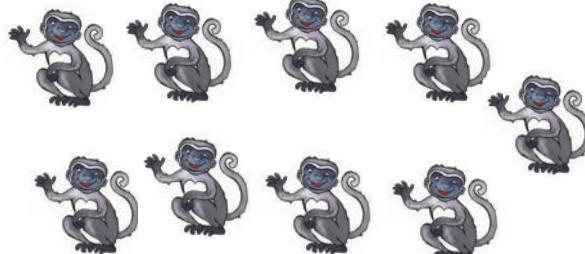


Itani zwitendeledzi u mona na zwitevheleho uri ni ite:

zwigwada zwa 2 zwa dza 3



zwigwada zwa 3 zwa dza 3

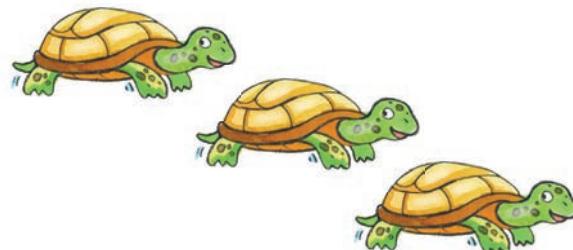




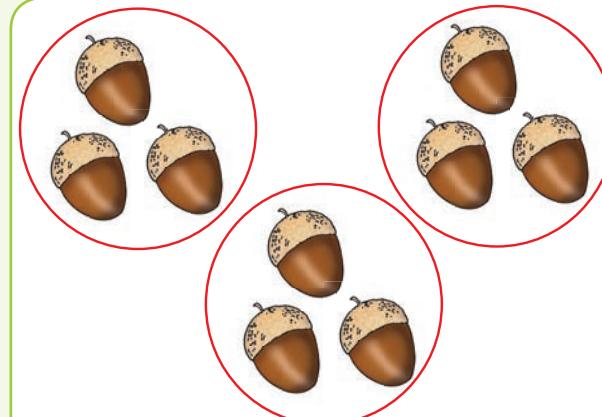
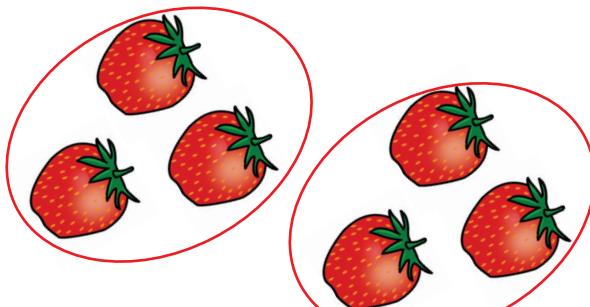
zwigwada zwa 4 zwa dza 3



tshigwada tsha l tsha zwa 3



Nwalani fhungombalo la zwi tevhelaho:



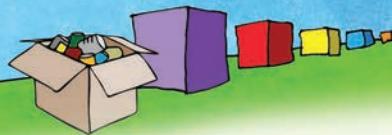
Olani zwigwada zwa 2 zwa 3.



Teacher:
Sign:

Date:





Ndovhololo ya mutanganyo wa tharu u swika kha fumi



Hu na milinga mingana? I nwaleni sa mbalo.





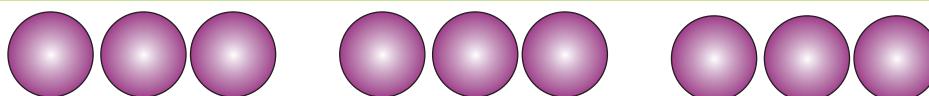
Olani zwivhumbeo ni tshi sumbedza zwi tevhelaho.

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

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



I riwaleni sa mbalo:



Ndo renga maluvha mangana makete?



Mbalo.

--



Teacher:
Sign:

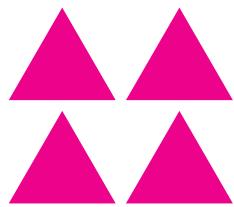
Date:

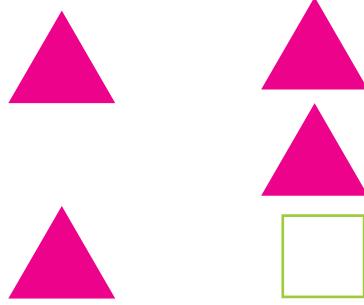




Zwigwada zwa n̄na u swika kha fumi

Vhalani zwivhumbeo ni ካውለ nomboro.







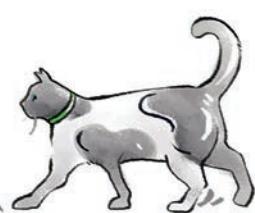
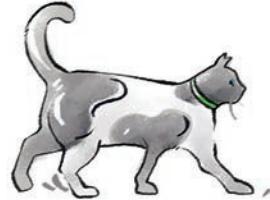


Ndo vhona zwipuka zwi tevhelaho zuu. Ndo vhona milenzhe mingana?
Nalani fhungombalo la tshiñwe na tshiñwe.



$$4 + 4 = 8$$









Olani zwivhumbeo u mona na zwi tevhelaho uri ni ite:

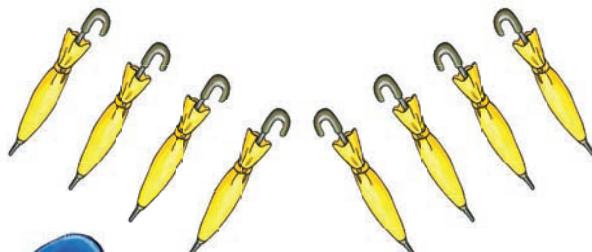
zwigwada zwa 2 zwa dza 4



tshigwada tsha l tsha dza 4



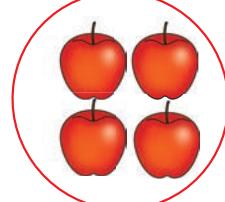
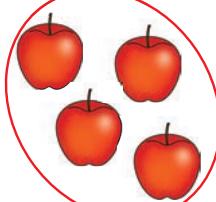
zwigwada zwa 4 zwa a 4



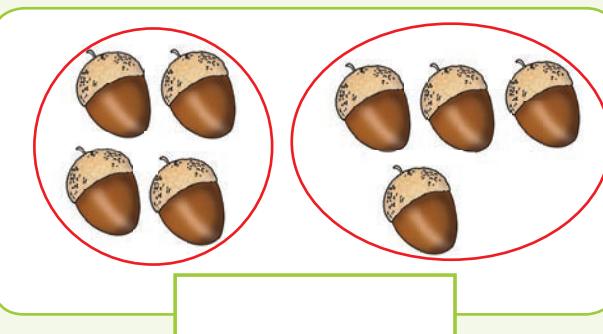
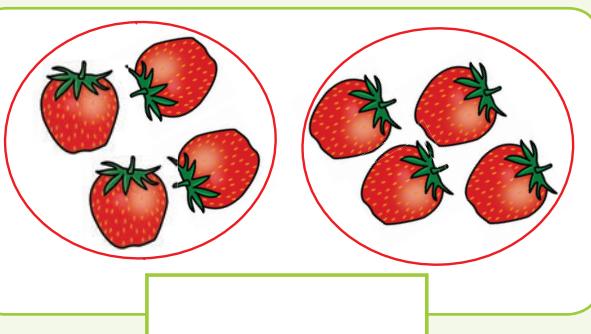
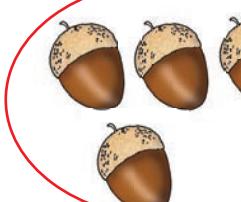
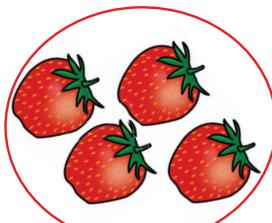
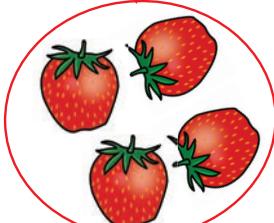
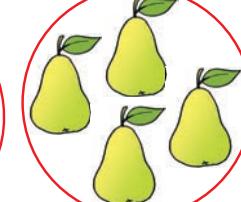
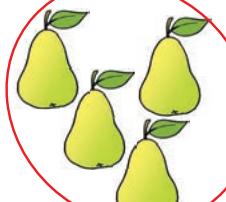
tshigwada tsha l tsha zwa 4



Nwalani mbalo ya zwi tevhelaho:



$$4 + 4 =$$





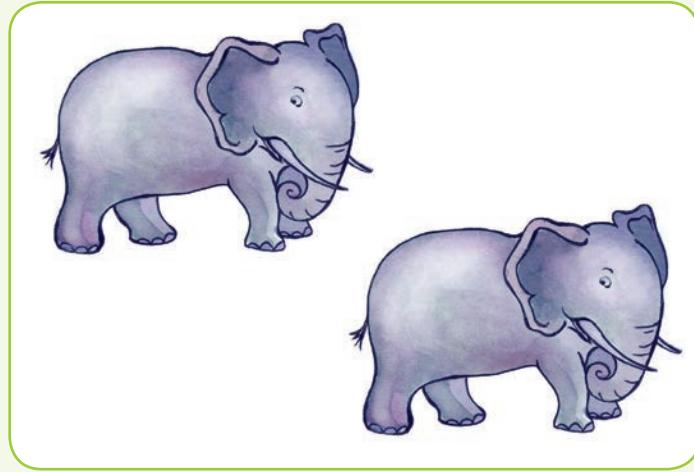
Ndovhololo ya mułangayo wa zwiña u swika kha zwa fumi



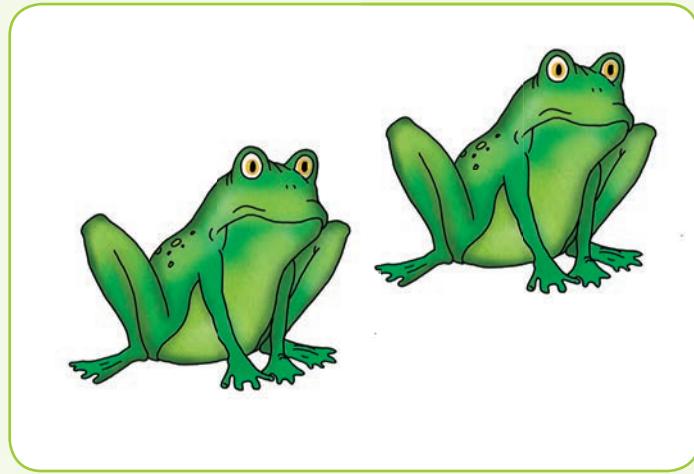
Hu na milenzhe mingana. Nwalani mbalo ya zwiñwe na zwiñwe.



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



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



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





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 ḥangana dzot̄he? Tangedzelani tshivhalo tshone tsha khekhe dza khaphu.



Mbalo.

Teacher:
Sign:

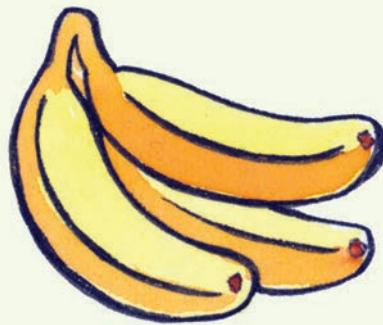
Date:





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 zwot $\ddot{\text{h}}$ e?

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

$$5 + 5 =$$



Itani zwitendeledzi u mona na zwitevheleho uri ni ite:

tshigwada tsha | tsha a 5

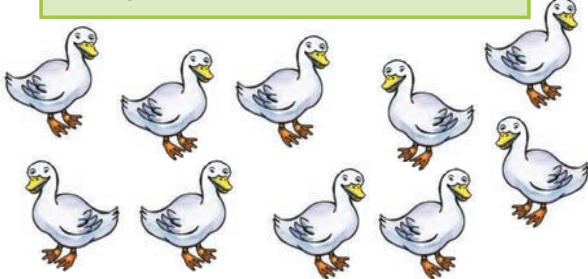


zwigwada zwa 2 zwa dza 5

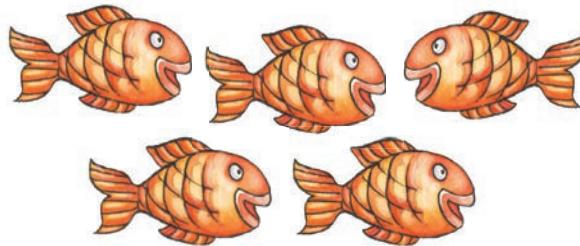




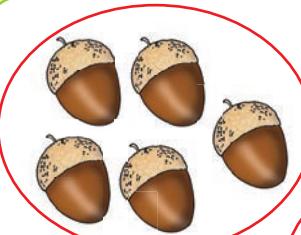
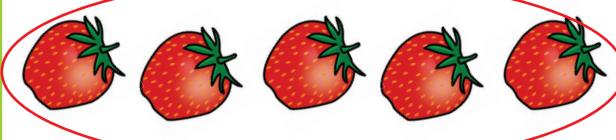
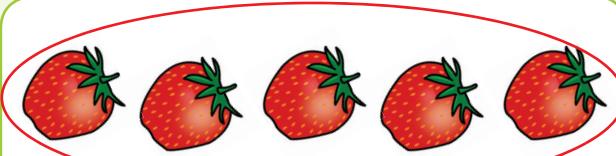
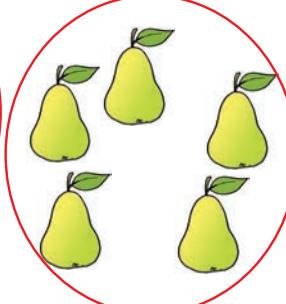
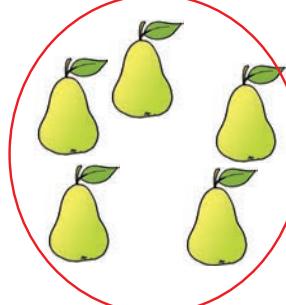
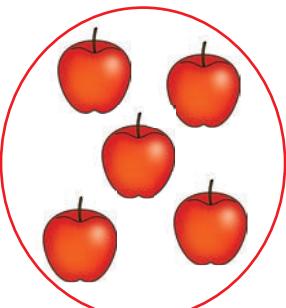
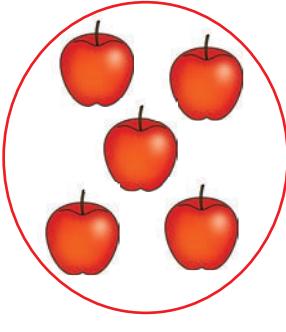
zwigwada zwa 2 zwa dza 5



tshigwada tsha l tsha a 5



Nwalani mbalo ya zwi tevhelaho:



Teacher:
Sign:

Date:

11

12

13

14

15

16

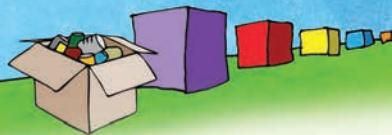
17

18

19

20





Ndovhololo ya mułangayo wa tłhanu u swika kha 10



Hu na minwe kana zwikunwe zwingana?

















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 zwoṭhe? Itani muolo.

Mbalo:



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

Mbalo:



Teacher:
Sign:

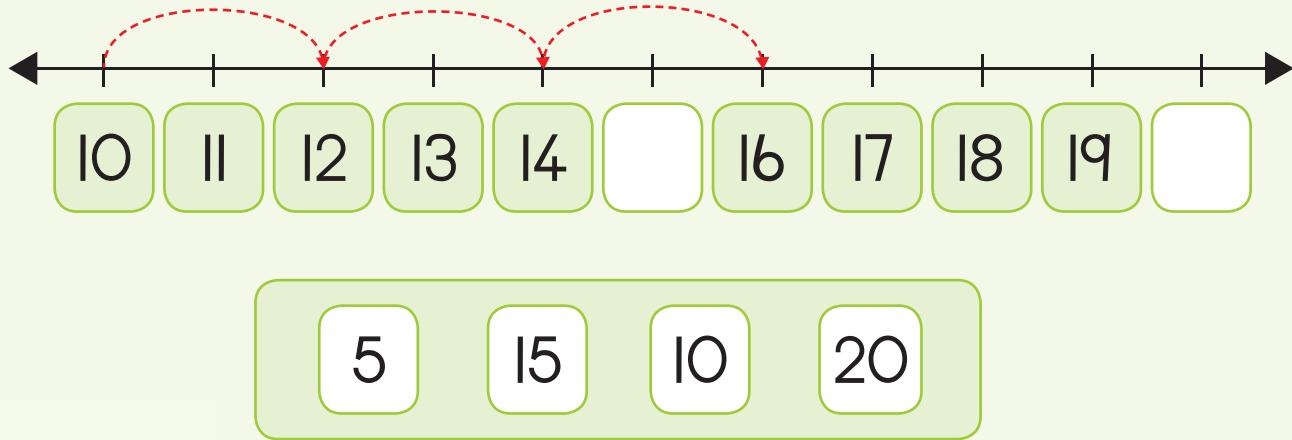
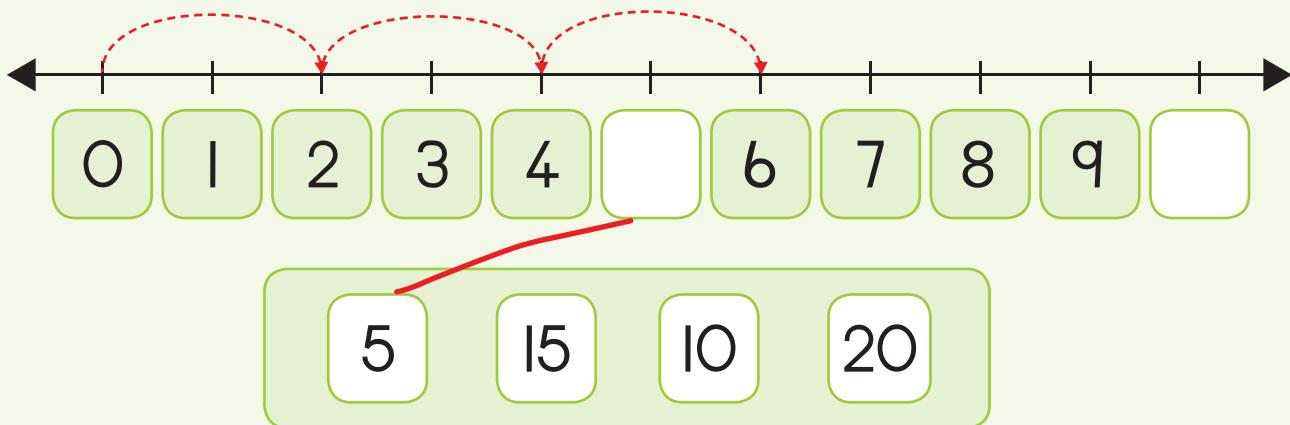
Date:





Phetheni thanu u swika kha fumbili

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



Fhedzisani phetheni nga u khalaara 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 tevhelaho.

0

5

15

20

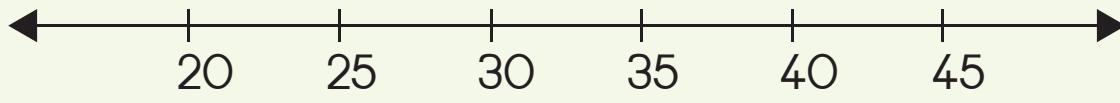


20

25

30

35

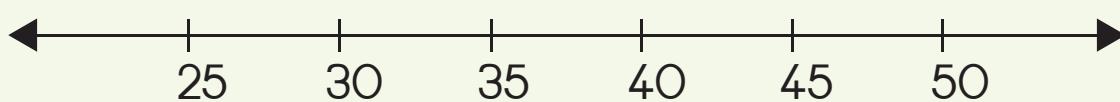


35

40

45

50



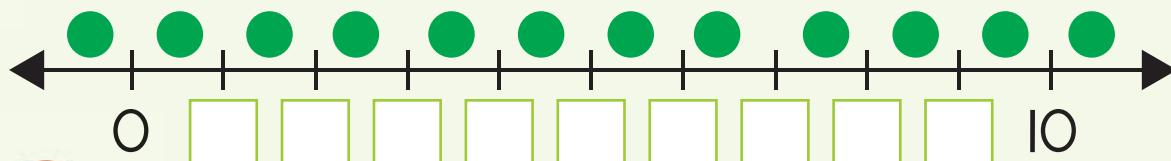
59

Themo ya 2



Phetheni dza mahumi

Ñwalani nomboro dzi no khou t̄ahela.

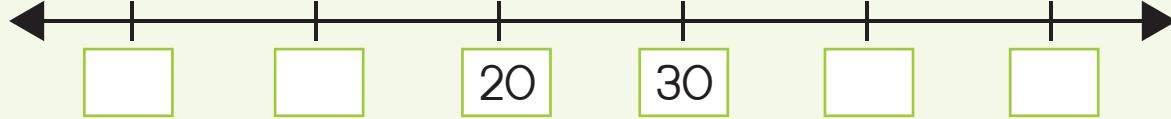


Olani malungu a fumi vhukati ha inthevala ni livhanye nomboro na tshibuloko tshone.



Fhedzisani mutalombalo nga u kopololela nomboro dze na ñewa 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 dzi no bva murahu ha bugu.



20	40	10	60	90	80
50	30	100	70		

11 12 13 14 15 16 17 18 19 20

Teacher:
Sign:

Date:





Livhanyani mutengo na tshelede.

Nomboro na tshelede

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





Tshelede: noutu (ya mbammbiri) na khoini

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



R100

R50

R10



RI

R5

R10



RI

50c

5c



R20

R5

R10



Teacher:
Sign:

Date:

6Ob

Themo ya 2



Nomboro na tshelede (Zwi iswa phanda)

Tangedzelani:

khoini dzothe dza 5c



khoini dzothe dza 10c



khoini dzothe dza 20c



Tangedzelani:

Noutu dzothe dza R10



Tangedzelani:

Noutu dzothe dza R20





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



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



Teacher:
Sign:

Date:



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Themo ya 2



Tshelede na tshintshi

Olani khoini dzine dza ḋo ni ḡea ṭhanganyelo ya:

a.

10c



b.

20c

c.

15c



1

2

3

4

5

6

7

8

9

10

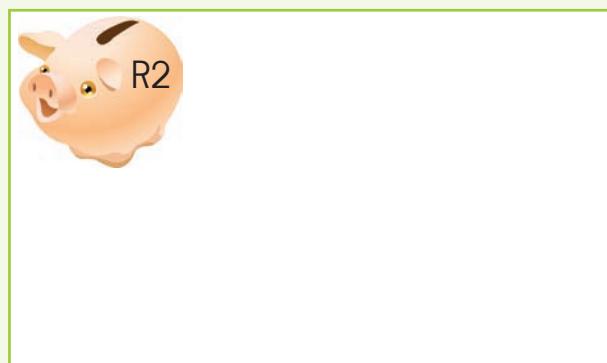
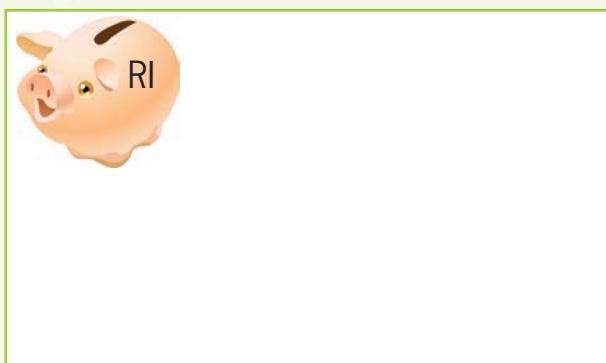


Khalarani phindulo yone.

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



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



Teacher:
Sign:

Date:



Tshelede na tshintshi hafhu

Tusani 5c nthihi. No salelwa nga vhugai?



5c







Ho sala vhugai?













Ho sala vhugai? Livhanyani zwi tevhelaho.



Zwivhumbeo, nzulele na kuimelle

Wanani ni tangedzole tshivhumbeo tshi ire na tshivhumbeo na nzulele zwi no fana na zwa tshivhumbeo tshi re tshibogisini tscha u thoma.



Tangedzeleni phindulo dici re dzone.

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

Ndi phukha ifhio i re phanda ha nqou?

Ndi phukha ifhio i re murahu ha mmbwa?

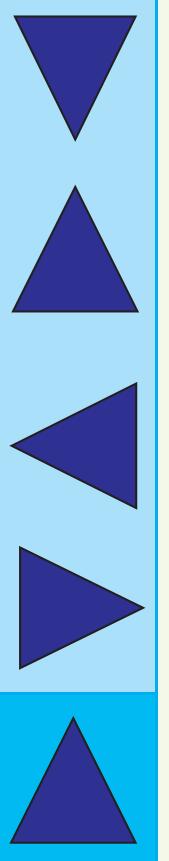
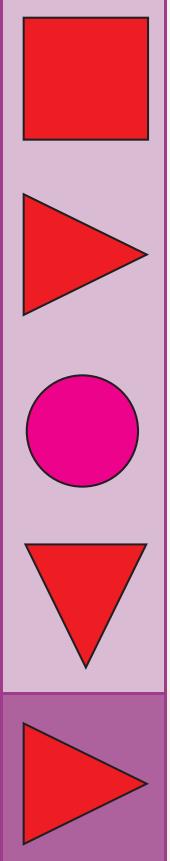
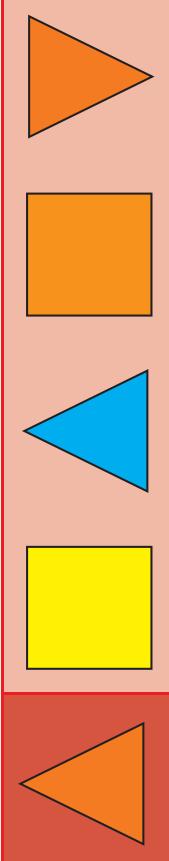
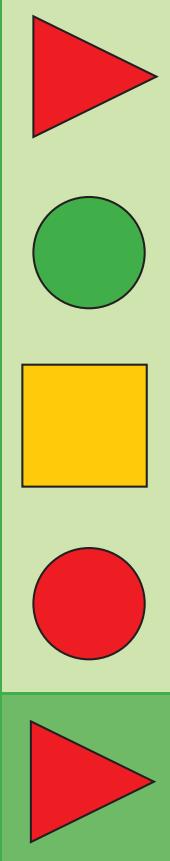
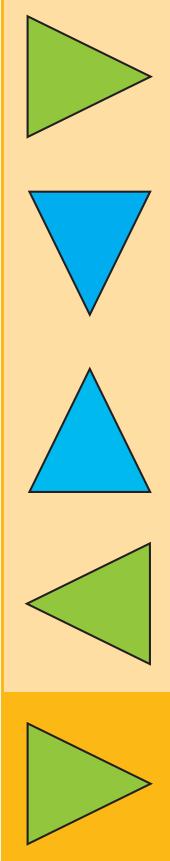
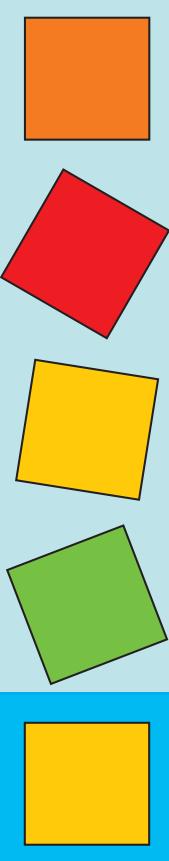
Ndi phukha ifhio i re vhukati ha mbidi na mmbwa?

Arali mmhwa ya tshimbilela phanda i do qekhana na tshipuka tsifhio?
Arali indou yanga tshimbilela murahu i do qekana na tshipuka tsifhio?

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?



1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

b4a

Phetheni dici re na zwivhumbeo zwa dzhometiri

Tharamudzani phetheniinga tshivhumbeo tshinwe tshithihi.

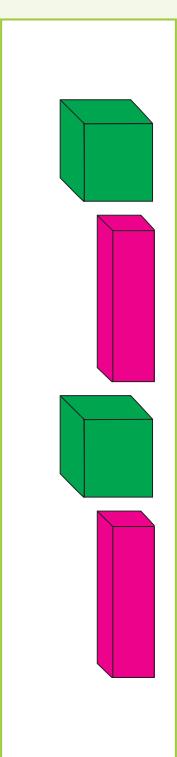
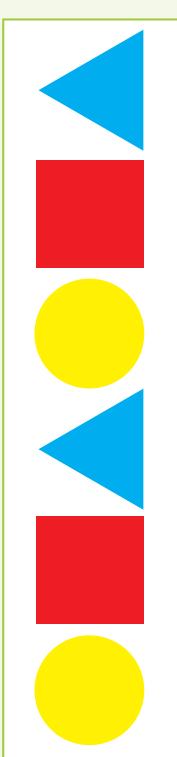
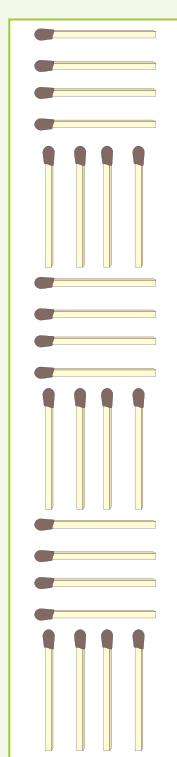
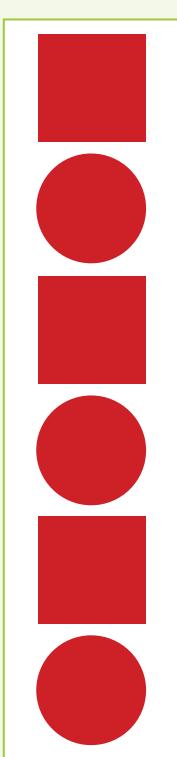
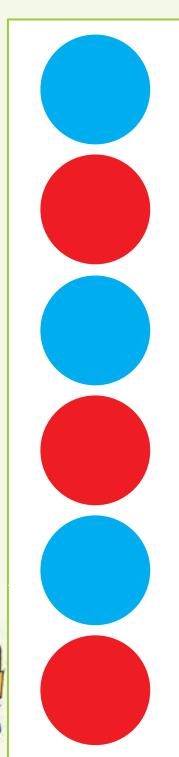


Itani phetheni ya inwi muqe nga zwivhumbeo zwa na qewa.

Phetheni dici re na zwivhumbeo

zwa dzhometiri

Tharamudzani phetheniinga tshivhumbeo tshinwe tshithihi.



Zwivhumbeo zwa 2-D na zwithu zwa 3-D

Khalari zwivhumbeo.

Khalarani zwiwea nga muvhala mutswuku .

Khalarani zwitendeldzi nga muvhala wa lutombo .

Khalarani rekithiengle nga muvhala muddala .

Tangedzelani zwivhumbeo.

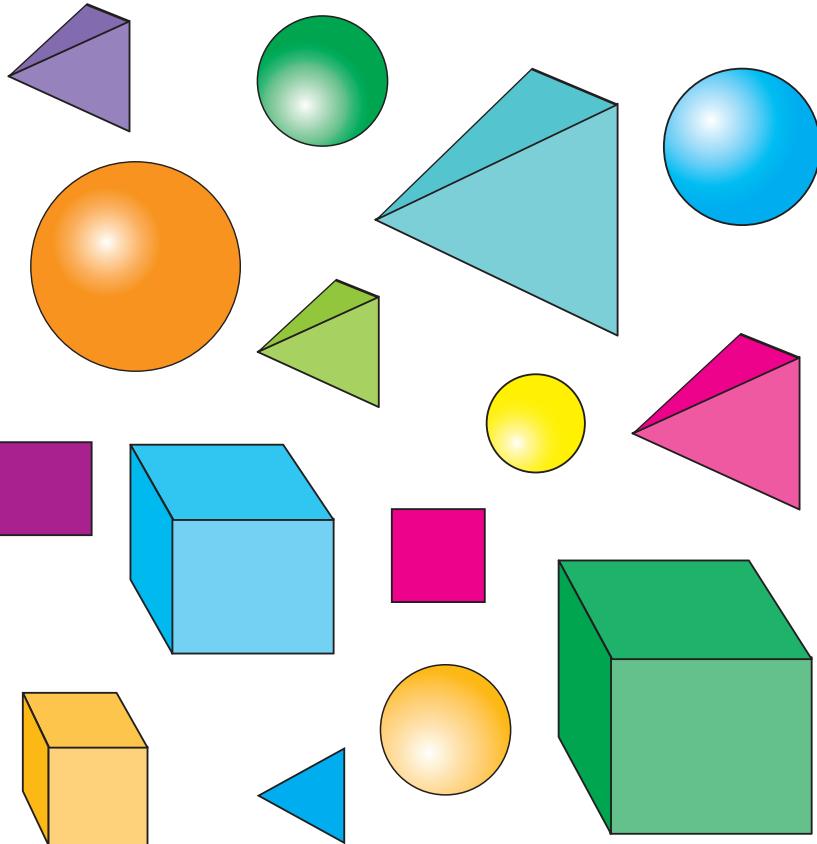
Tangedzelani  mutswuku.
Tangedzelani  lutombo.
Tangedzelani  muddala.

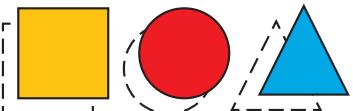
Zwivhumbeo na zwithu zwa tshiomate



Tangedzelani zwivhumbeo.

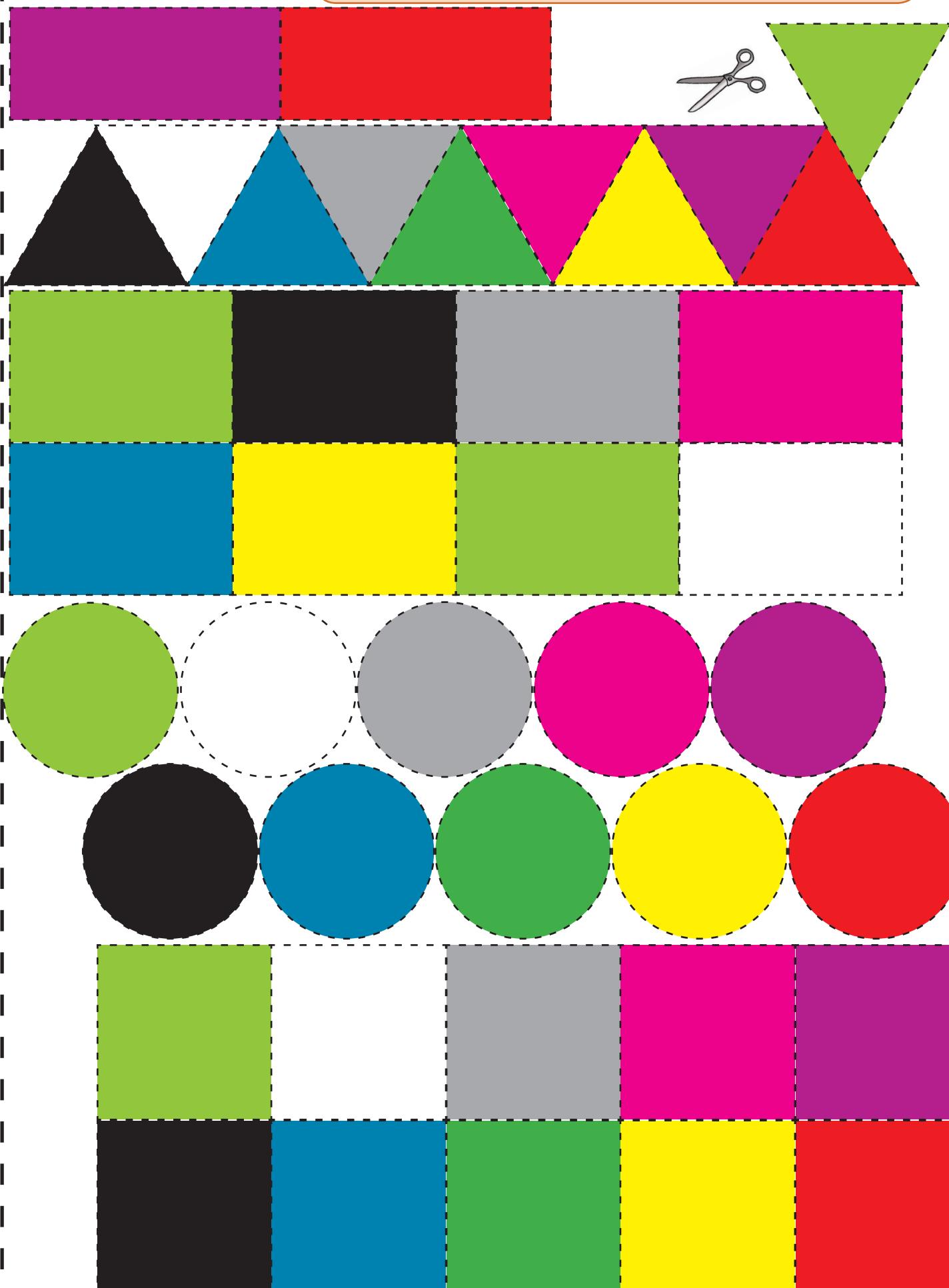
 *nga muvhala mutswuku.*
 *nga muvhala wa lutombo.*
 *nga muvhala muddala.*

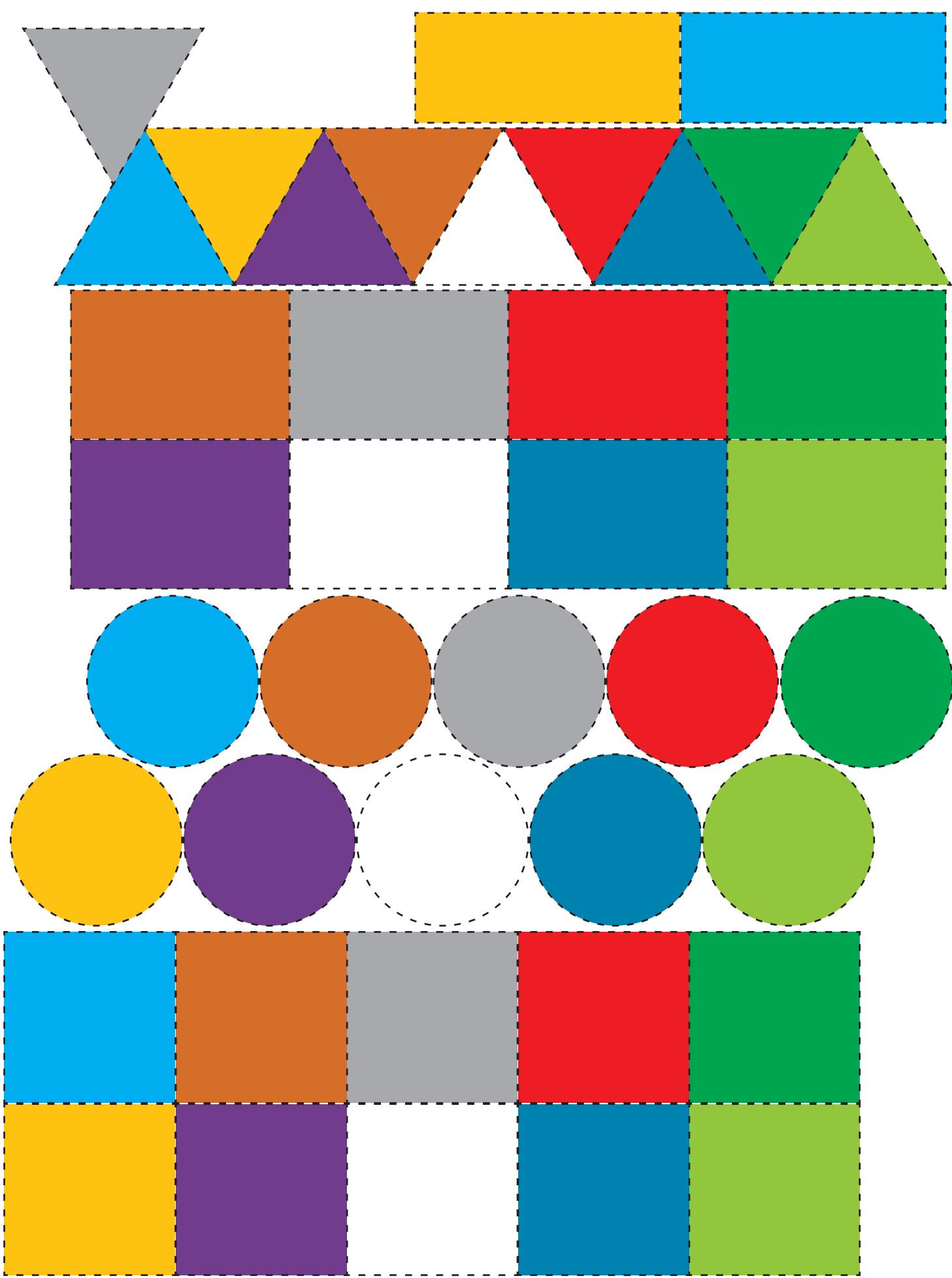


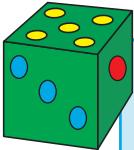


Shapes:

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.







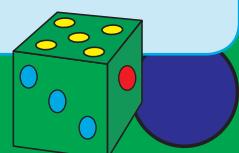
Make a dice:

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

