

U talukanya Mulayotewa (Ndayotewa) wa Riphabuġiki ya Afrika Tshipembe (1996)

Milayo ya nthesa ya shango i wanala kha Mulayotewa (Ndayotewa) wa Riphabuġiki ya Afrika Tshipembe (1996). Milayo iyi i na maanda u fhira na muphuresidennde, maanda ayo a fhira a dzikhothe na a muvhuso wothe.

Ndi milayo ine ya laga vthathu vha jino shango uri vha tea u farana nga ngilade. Mulayotewa wa shango wo itelwa u tsireledza rothe ri no khou tshila zwino na vhana vhashu vhane vha kha gi do da.

Talukanyani hune ra bva hone.

Ri songo dovha vkhakhi ha mulovha.

Mulayotewa washu u ri thusa uri ri elekange nga vhumatshelo ha khwiŋe ha rothe khatihi na u vhu fhaa.

Riŋe, vthathu vha Afrika Tshipembe;

Ri dzihla ntha u shaa ha vhumukanyi kha tshifhinga tsho fhelaho;

Ri thonifha havho vhe vha tambulela vhumukanyi na mbofholowa kha shango lashu;

Ri thonifha havho vhe vha shuma vha tshi itela u fhaa na u bveledzisa shango lashu; na

U tenda uri Afrika Tshipembe ndi ja vhothe vhane vha dzula khalo, vho vhohekanywaho vha vha huthihi naho vha sa fani.

Zwenezwo, nga kha vhaimeleli vho khethiwaho zwavhudi, ri khou tangedza ino Ndayotewa sa wone Mulayo Muhulusa wa Riphabuġiki uri u—

Fhelise khethululo ya tshifhinga tsho fhelaho na u thoma tshitshavha tshine tsho gisendeka kha ndeme dza demokirasi, vhumukanyi ha matshiliso na pfanelo dza vthuthu;

Fhae mitheo kha demokirasi na tshitshavha tshi re khagala hune muvhuso wo gisendeka kha lufuno lwa vthathu nahone vhadzulapo

vho tsireledzwa nga mulayo nga ngila l linganaho;

Khwinisa ndeme ya Vhutshilo ha vhadzulapo vhothe na u vhofoholola vhekoni ha muthu muŋwe na muŋwe; na

Fhaa mbumbano na demokirasi zwa Afrika Tshipembe uri ji kone u vha fhethu ho teaho sa muvhuso wo giimisaho kha muŋa wa tshaka.

Shumisani pfanelo dzaŋu sa mudzulapo wa Afrika Tshipembe ni dovhe ni vhe na vhudifhinduleli ha u tsireledza pfanelo dza vhaŋwe.

Divhani Mulayotibe Wa Pfanelo na Mulayotibe Wa Vhudifhinduleli.

Mudzimu tsireledza vthathu vhashu.

Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.

God seën Suid-Afrika. God bless South Africa.

Hosi katekisa Afrika.



MATHEMATICS IN TSHIVENDA
GRADE 1 – BOOK 1

TERMS 1 & 2

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i tevhedza CAPS



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Vho Angie Motshekga
Minista wa Muhasho wa
Pfunzo ya Muteo



Vho Dr Reginah Mhaule
Muthusaminista wa
Pfunzo ya Muteo

Bugu idzi dzo ṅwalelwa 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 Dr Reginah Mhaule.

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

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

Ri na fulufhelo lauri bugu idzi dzi ḡo thusa vhadededzi (vhagudisi) mushumoni wavho wa u funza wa ḡuvha linwe na linwe khathihi na u vha na vhuṱanzi uri vha khunyeledze kharikhuḡamu yoṱhe. Ro ita nga vhuronwane uri ri sumbedze ndila vhadededzi kha nyito nge ra shumisa aikhoni dzi no sumbedza uri mugudi u tea u ita zwifhio.

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

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



Gireidi
ya



M
b
a
l
o

NGA TSHIVENḌA

TSHIVENḌA

Bugu ya



Bugu iyi ndi ya:

—

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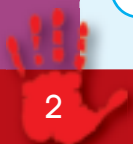
Mvusuludzo: U tala na u livhanya

Thusani musidzana uri a wane thoyi dzawe.

U THOMA



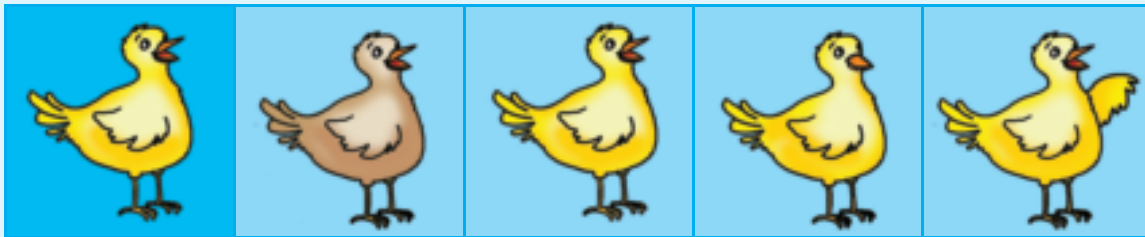
MUGUMO





U livhanya

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



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Mvusuludzo: U vhekanya nga mivhala na u tevhedzela phetheni

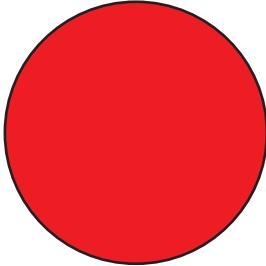
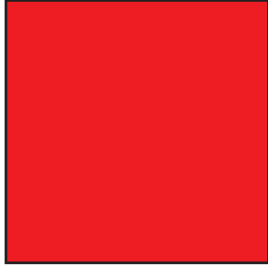
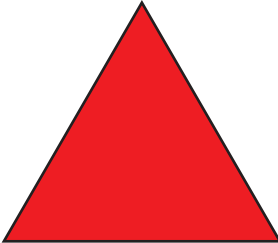
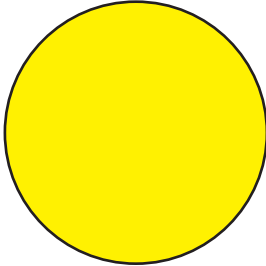
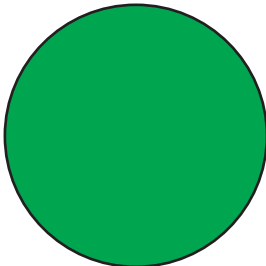
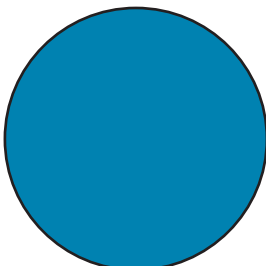
Vheyani zwivhumbeo izwi nga mivhala, zwibogisini.

Rou muduba inwe na inwe 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 tshinwe na tshinwe.

Hu shumiswa zwigeriwa zwi re murahu ha bugu.

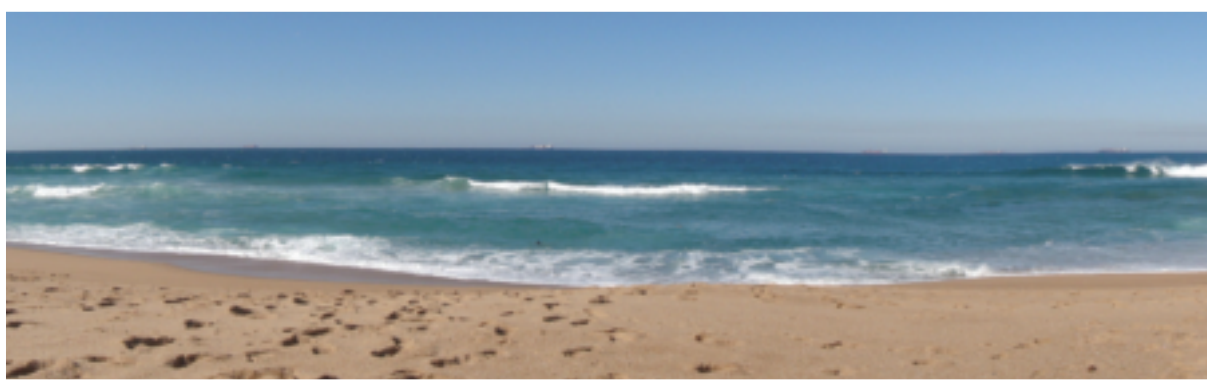
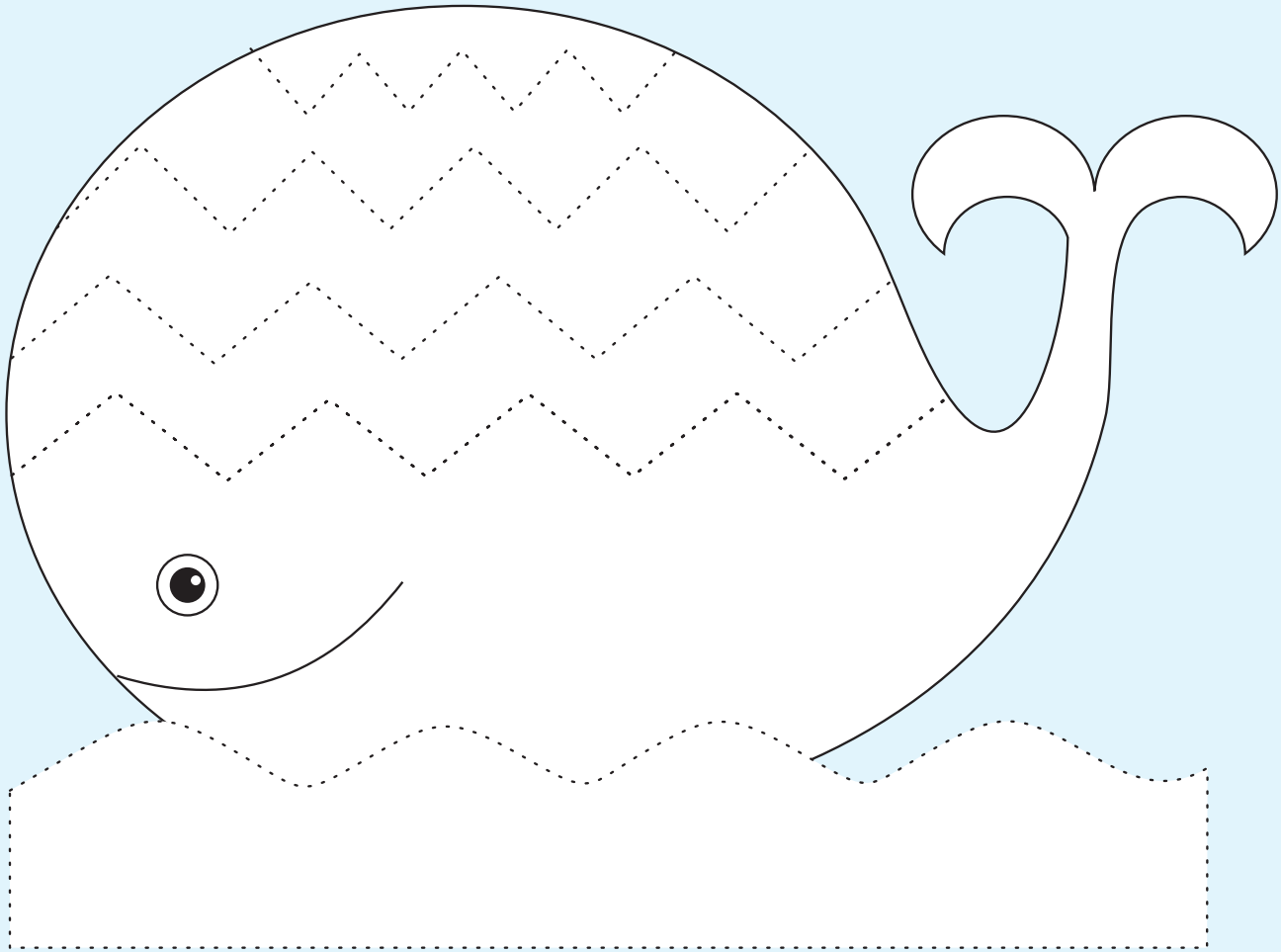
		
		
		
		





Bola na zwibogisi

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



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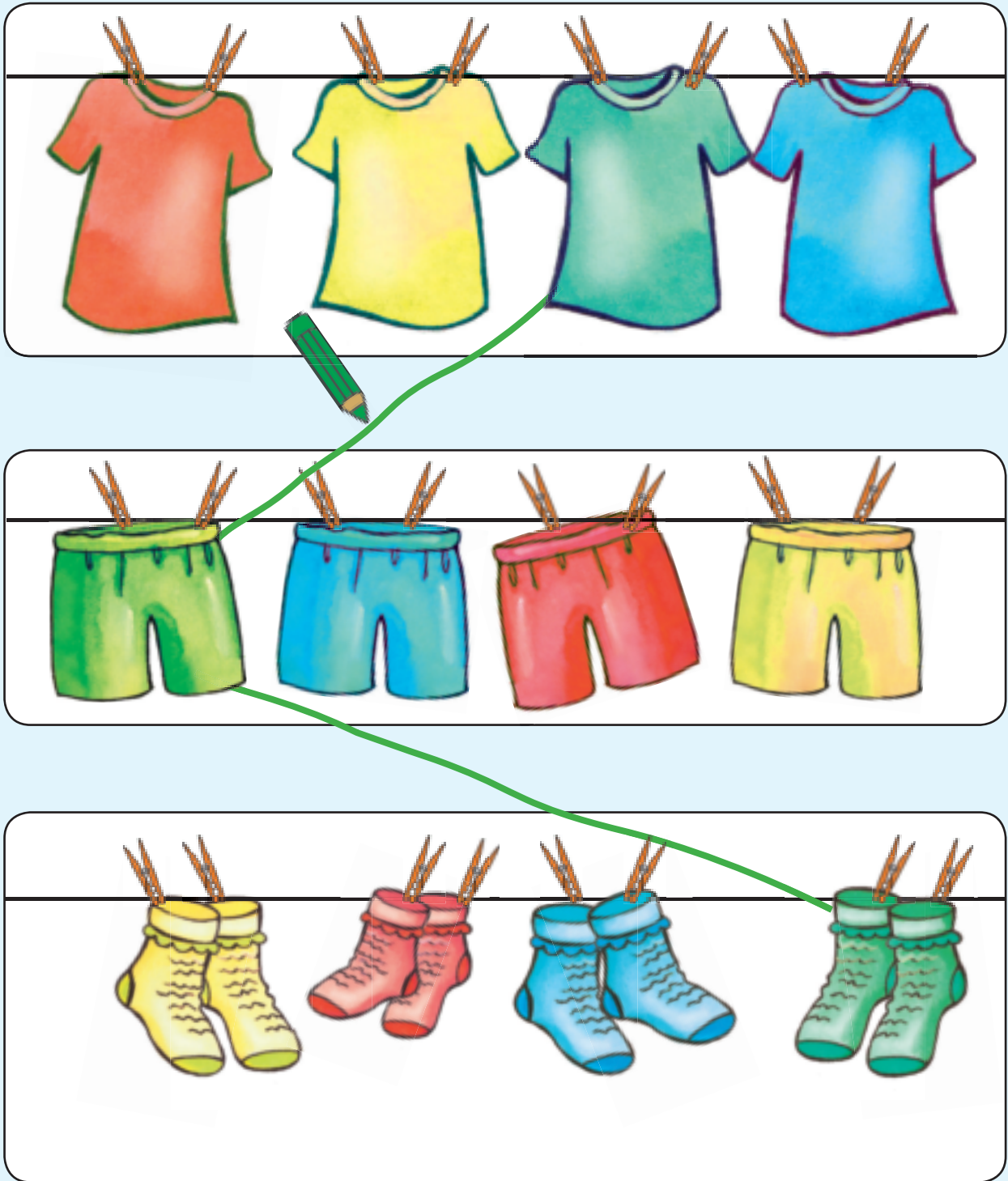
11 12 13 14 15 16 17 18 19 20





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 irwe na irwe i do ni dededza tshifhinga tshothe.



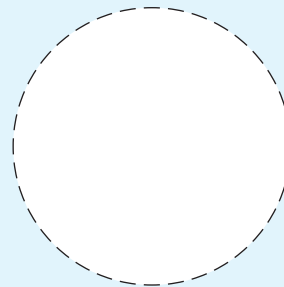
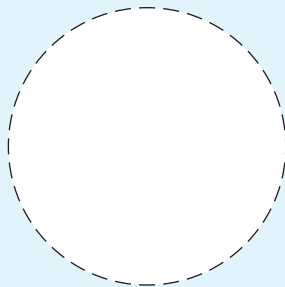
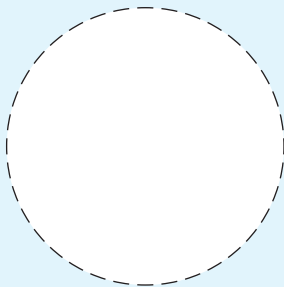
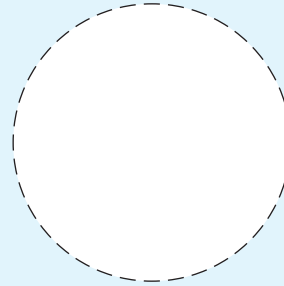
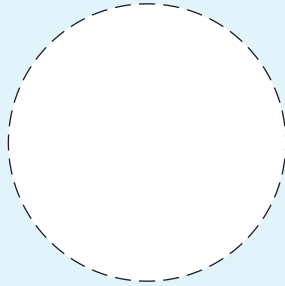
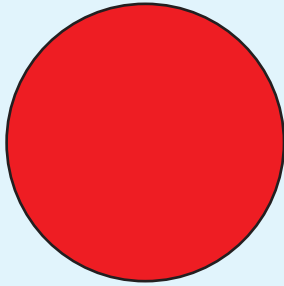
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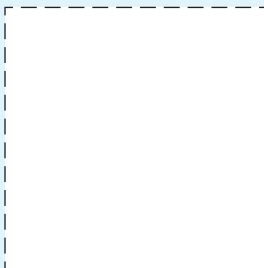
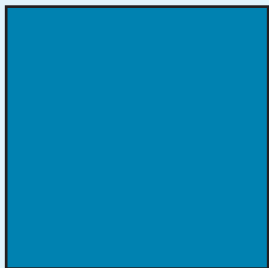
Mvusuludzo: U vhekanya na u tevhedzela zwivhumbeo



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

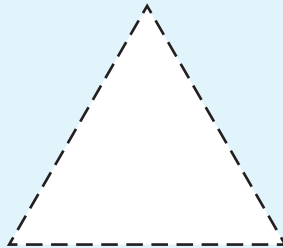
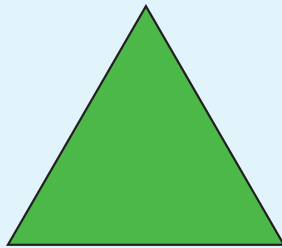


Wanani zwigeriwa zwa zwitendeledzi zwa u gera murahu ha bugu ni zwi dzhenise zwikhalani izwi.

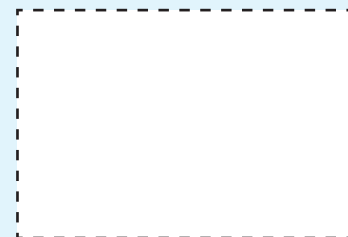
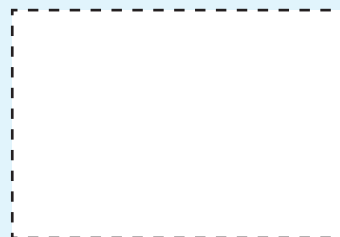
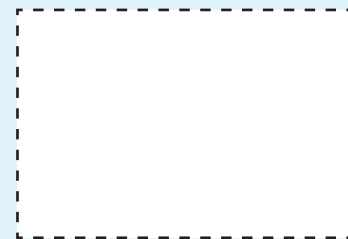
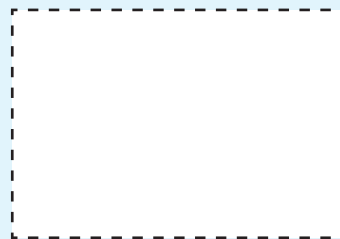
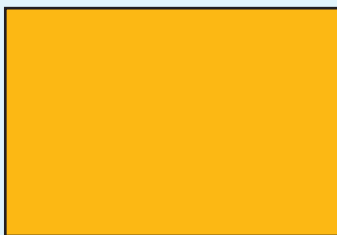




Wanani thiraiengele
dza u gera murahu ha
bugu ni dzi dzhenise
zwikhalani izwi.



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



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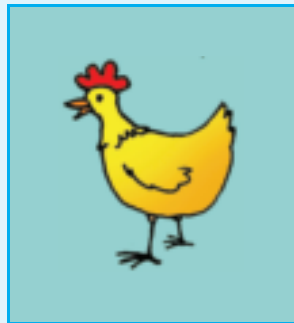
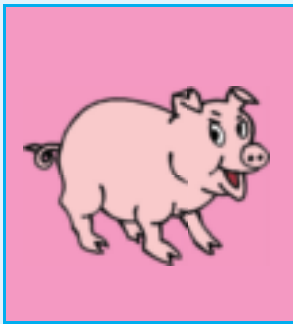
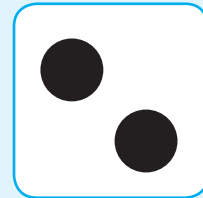


Mvusuludzo: Wanani ni vhale

Lavhelesani zwifanyiso izwi zwa zwipuka.

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





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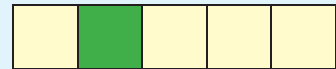


Mvusuludzo: Vhuimo

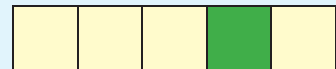
Tangedzelani tshipuka tshi re kha kha rou i re af'ho fhasi ni tshi sumbedza uri tshi kha vhuimo hu no fana na tshibuloko tsha muvhala mudala kha muduba uyo. Ro dzula ro ni itela tsumbo kha ya u thoma.



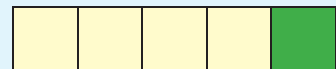
Tangedzelani tshipuka tshi re kha vhuimo uvhu kha rou (muduba) i re af'ho fhasi.



Tangedzelani tshipuka tshi re kha vhuimo uvhu kha rou i re af'ho fhasi.

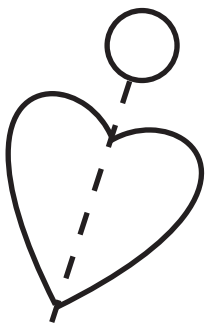
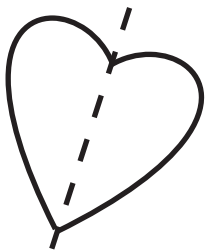
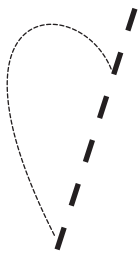
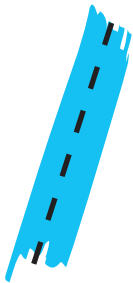


Tangedzelani tshikhokhonono tshi re kha vhuimo uvhu kha rou i re af'ho fhasi.





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



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Mvusuludzo: Tshifhinga

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



U ya tshikoloni nga milenzhe.



U ya tshikoloni nga golo.



U ita sangwetshi.



U baka khekhe.



U ita mushumo wa tshikolo.



U tamba bola ya milenzhe.



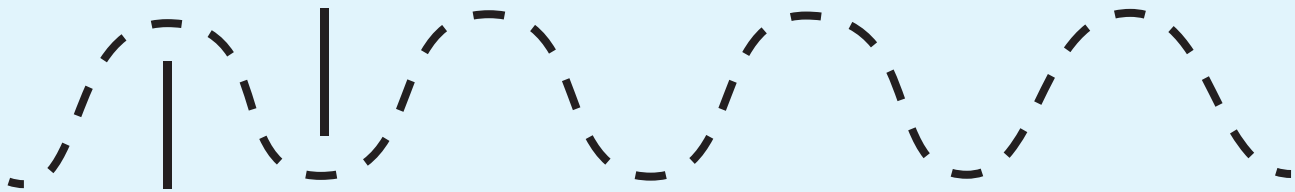
U pennda nndu.



U ola tshifanyiso.



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



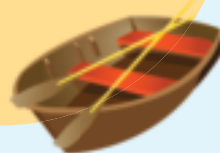
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Mvusuludzo: Zwivhumbeo, saizi na mivhala



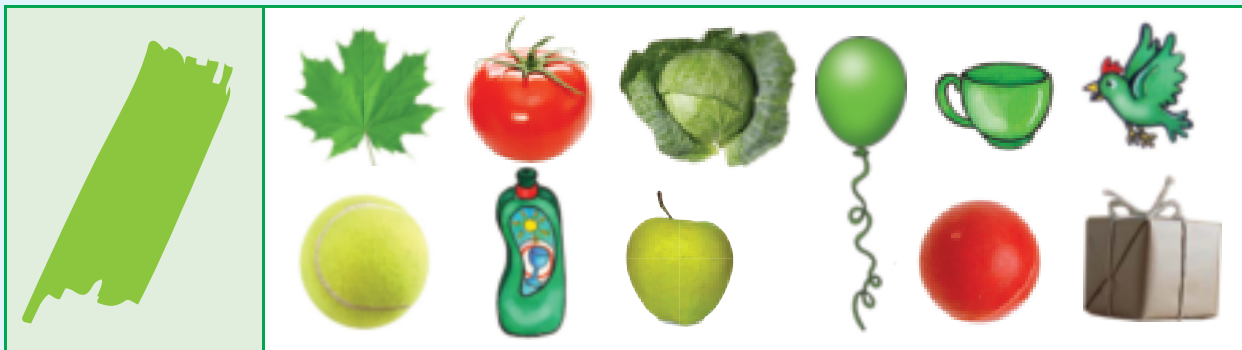
Tangedzelani tshi re tshihulwanesa tshifanyisoni tshinwe na tshinwe.





U vhala

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



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q

Themo ya l



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

Thihi

notshi nthihi

musidzana muthihi

ranndavhula nthihi

bola nthihi



Tevhedzelani nomboro.



Livhanyani zwifanyiso.



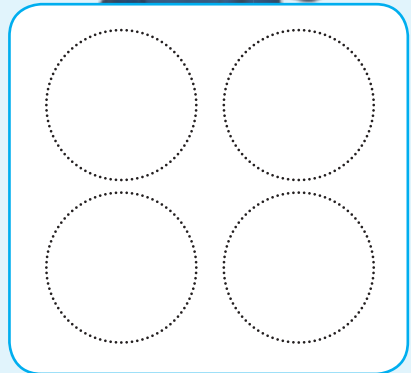
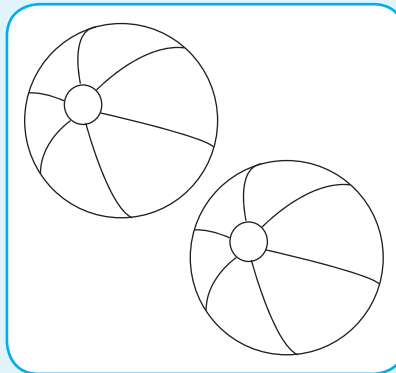
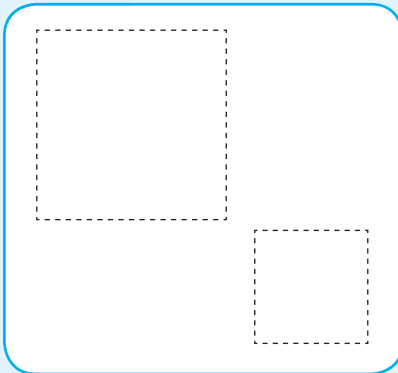
18

1 2 3 4 5 6 7 8 9 10

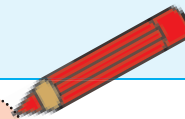
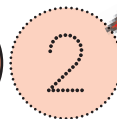
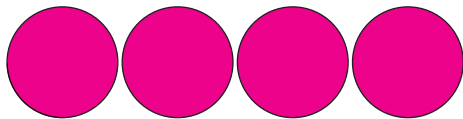
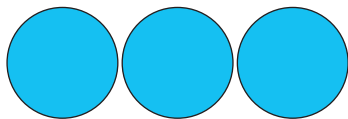
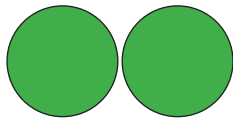
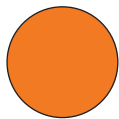




Khalarani tshithihi kha tshibuloko tshirwe na tshirwe.



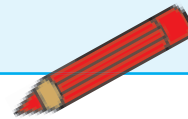
Kopani ni ole tshirwe hafhu tshithihi.



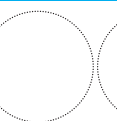
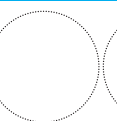
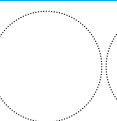
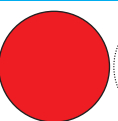
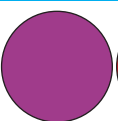
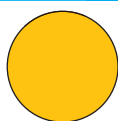
Itani ngowengowe ya nomboro.



thihi



Khalarani zwitendeledzi ni tshi khou ralo u vhalo.



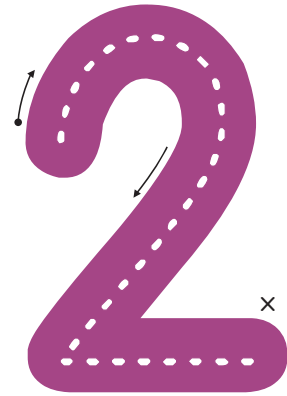
Teacher:
Sign:
Date:

Mbili



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

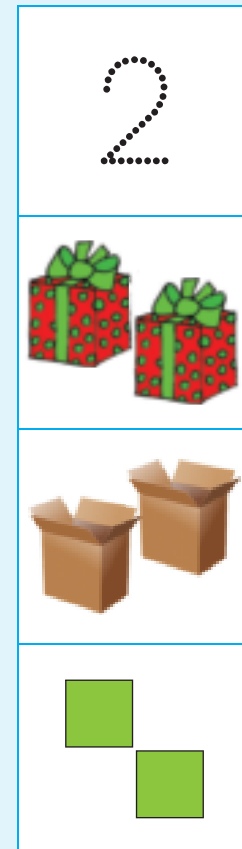
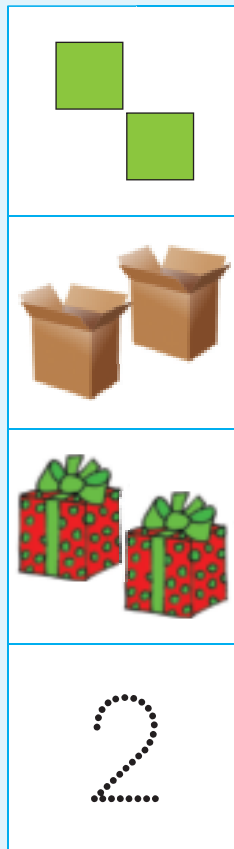
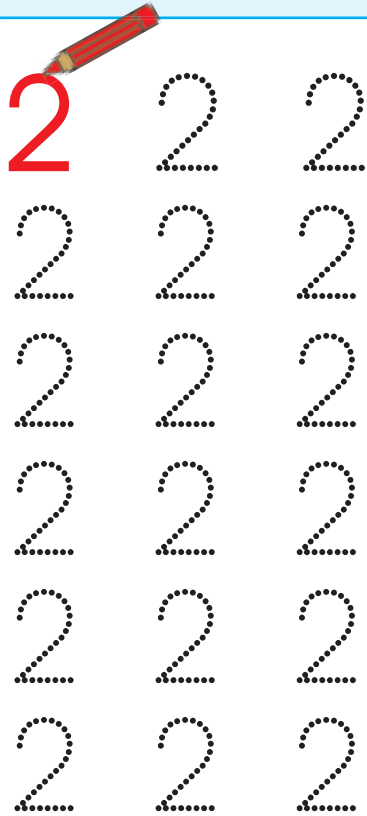
miri mivhili
vhatukana vhavhili
khaithi mbili
mmbwa mbili



Tevhedzelani nomboro.

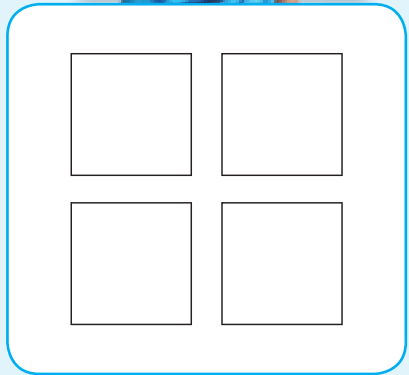
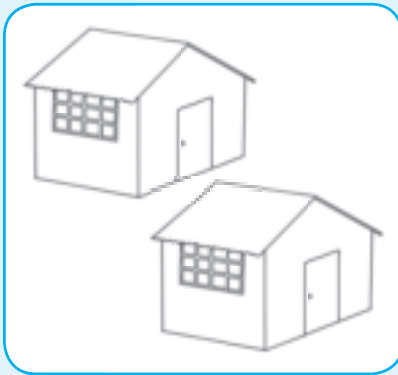


Livhanyani zwifanyiso.

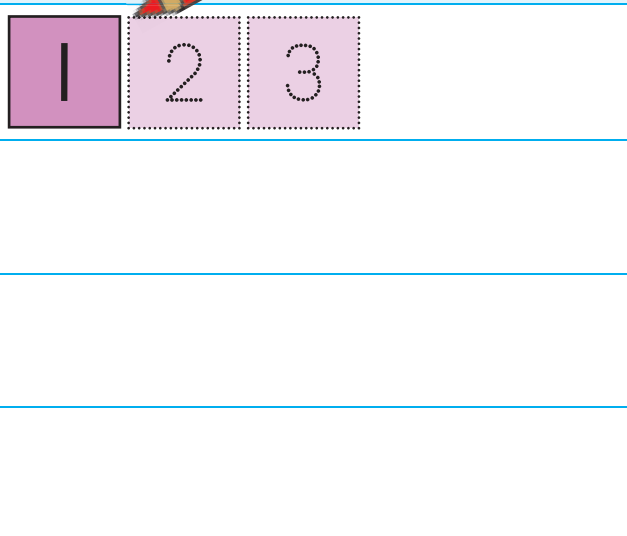
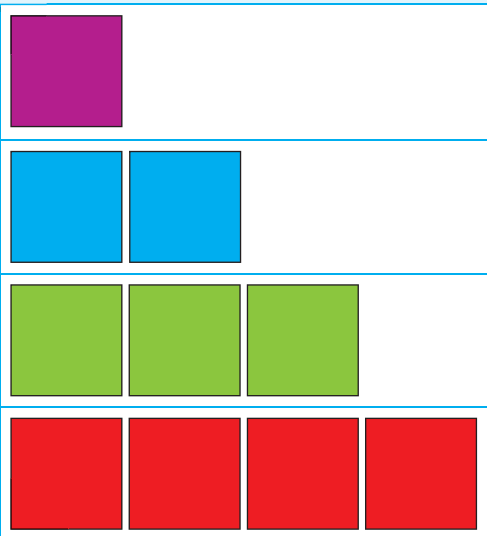




Khalarani zwivhili kha tshibuloko tshirwe na tshirwe.



Kopani ni ole zwiirwe hafhu zwa zwivhili.



Itani ngowengowe ya nomboro.

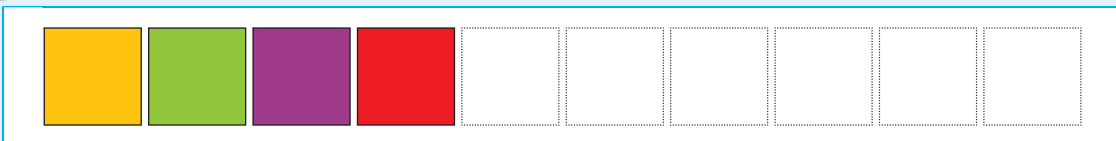
2

mbili

2 2 2 2



Khalarani zikwea ni tshi khou ralo u vhala.



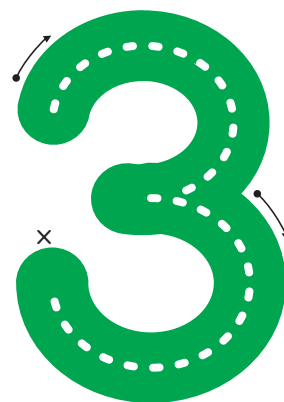
Teacher:
Sign:
Date:



Raru

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

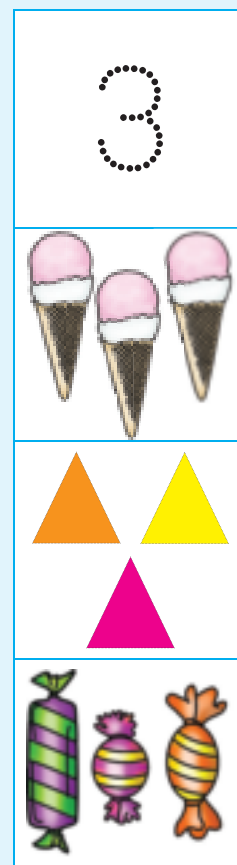
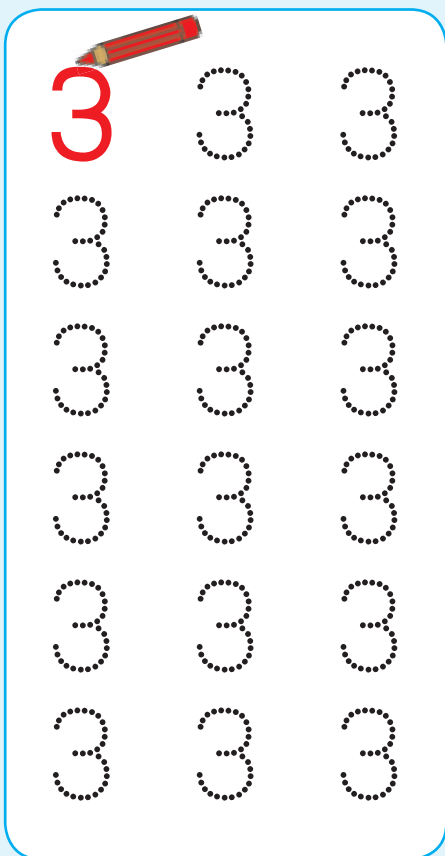
masekwa mararu
khumba tharu
maluvha mararu
mbungu tharu



Tevhedzelani nomboro.

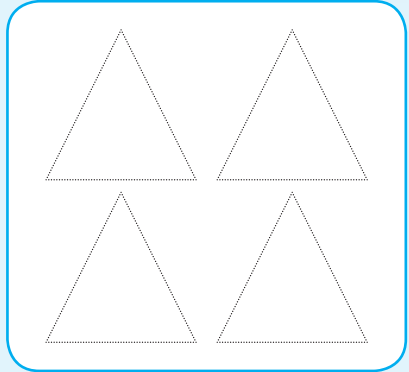
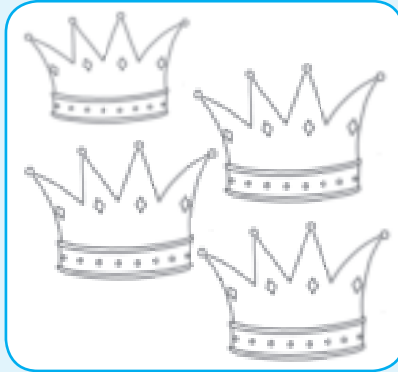


Livhanyani zwifanyiso.

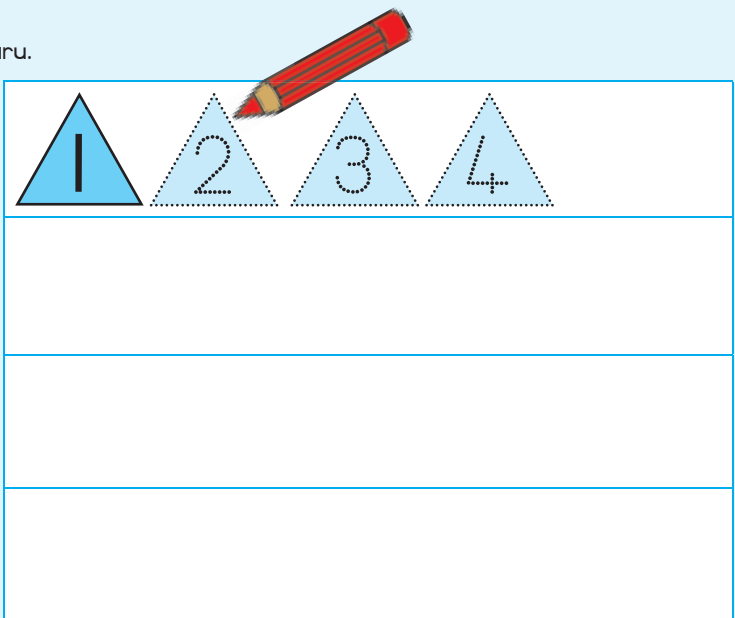
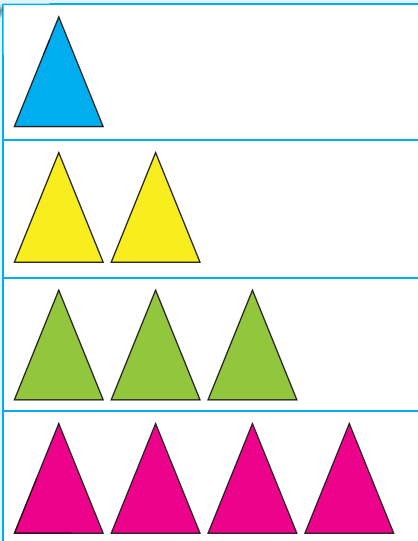




Khalarani zwiraru.



Kopani ni ole zwinwe hafhu zwa zwiraru.

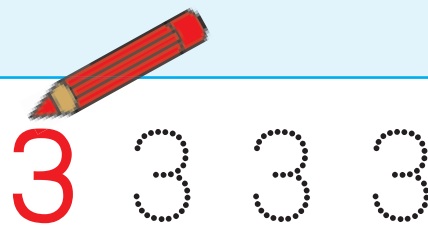


Itani ngowengowe ya nomboro.

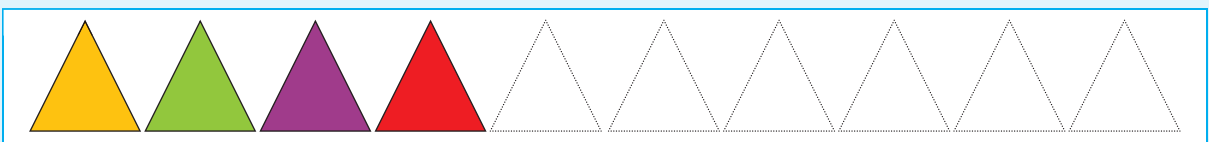


3

raru



Khalarani thiraiengele ni tshi khou ralo u vhala.



Teacher: _____
Sign: _____
Date: _____



I2a

Themo ya I

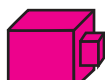


Vhulapfu (vhunavha) na vhuimo

Itani thiki (✓) kha tshidimela tshipufhisa.

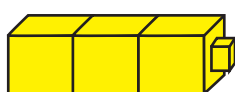
 ☐	 ☐	 ☐
 ☐	 ☐	 ☐

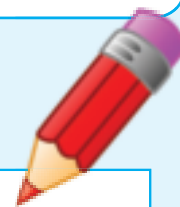
Itani thiki (✓) kha tshidimela tshilapfu.

 ☐	 ☐	 ☐
 ☐	 ☐	 ☐



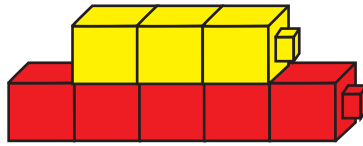
Olani tshidimela tshilapfusa.





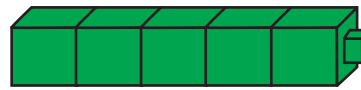
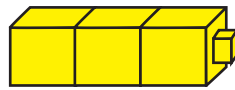
Khalarani ipfi lone. Tshidimela tshipfufhi tshi:



phanda ha

ntsha ha

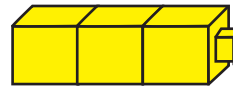
murahu ha



phanda ha

ntsha ha

murahu ha



phanda ha

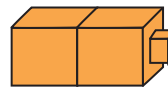
ntsha ha

murahu ha



Olani tshidimela tshilapfu.

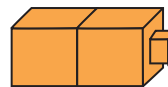
ntsha ha



tsini na



phanda ha



Teacher:
Sign:

Date:



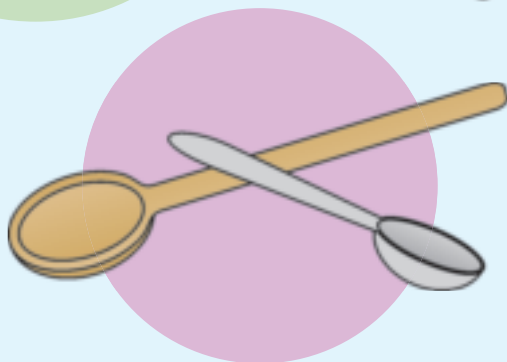
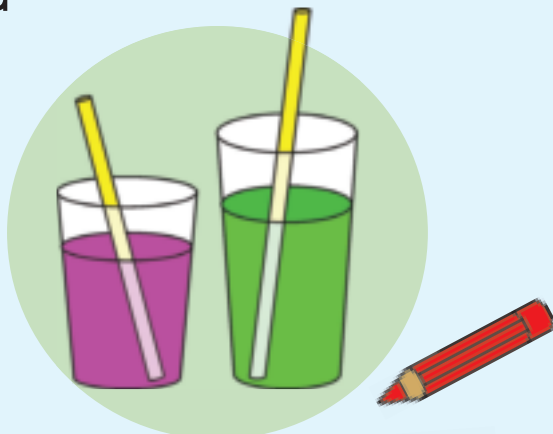
I2b

Themo ya I



Tangedzelani tshilapfu.

Vhulapfu/vhunavha



tshipfufhi

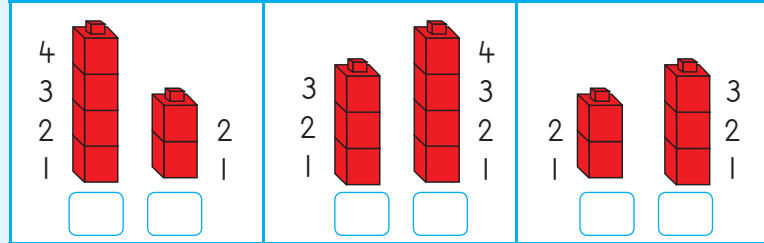
tshilapfu



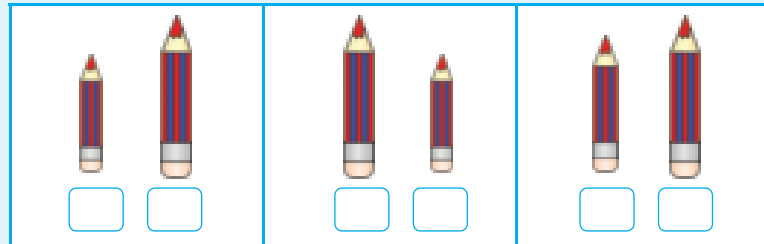


Itani thiki kha phindulo yone.

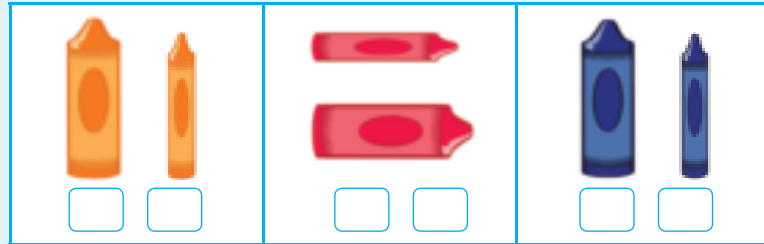
Itani thiki kha
tshilapfusa.



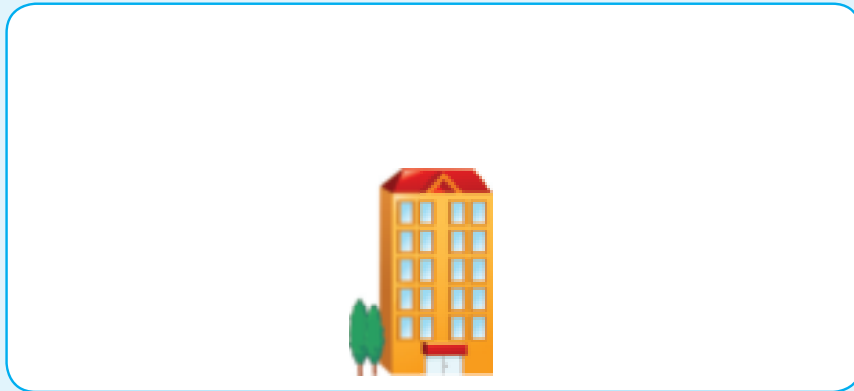
Itani thiki kha penisela i
re pfufhisa.



Itani thiki kha khirayoni
yo tšangvhuwesaho.



Olani: tshifhatšo tshithihi tshine tsha vha tshipfufhi na tshirwe tshine tsha vha tshilapfu tshi nga
fhasi hatsho.



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



Teacher:
Sign:

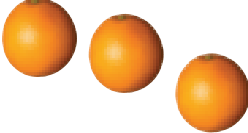
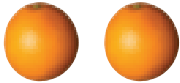
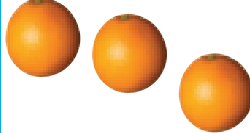
Date:





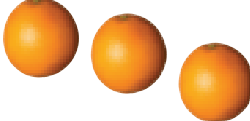
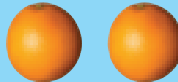
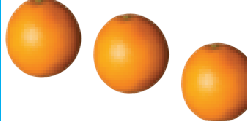
Vhambedzani nomboro dza 1-3

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

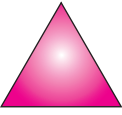


Itani thikhi kha tshibuloko/zwibuloko tshine/zwine zwa vha na zwithu zwinzhi u fhira tshibuloko tsho swif hadzwaho.

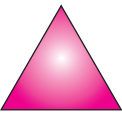
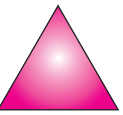
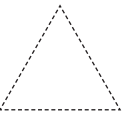


Kopani na u ola tshinwe tshivhumbeo tshithihi hafhu kha kholomo ya tsha u la.

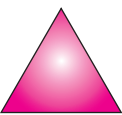
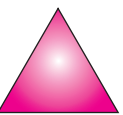
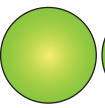
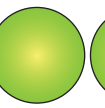
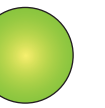


Olani zivhumbeo ho tshela tshithihi kha kholomo ya tsha u la.



Olani zivhumbeo ho tshela tshithihi kha kholomo ya tsha u la.

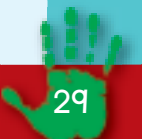


Tevhedzelani kha nomboro ine ya vha yone tshukhusa kga nomboro idzi tharu.

		
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Teacher:
Sign:
Date:

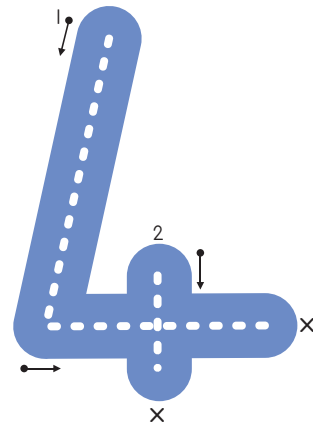




Ina

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

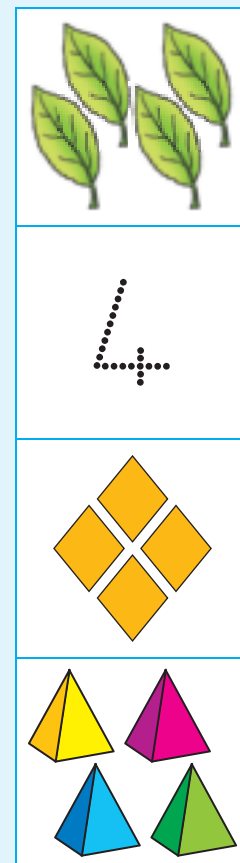
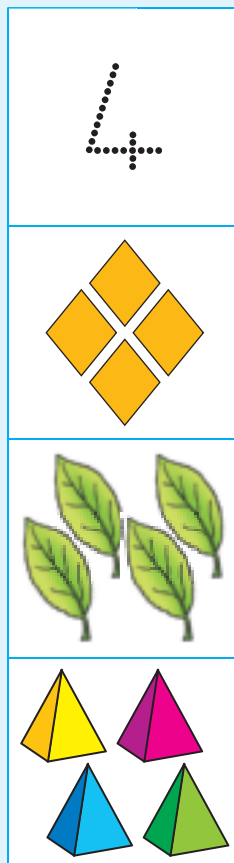
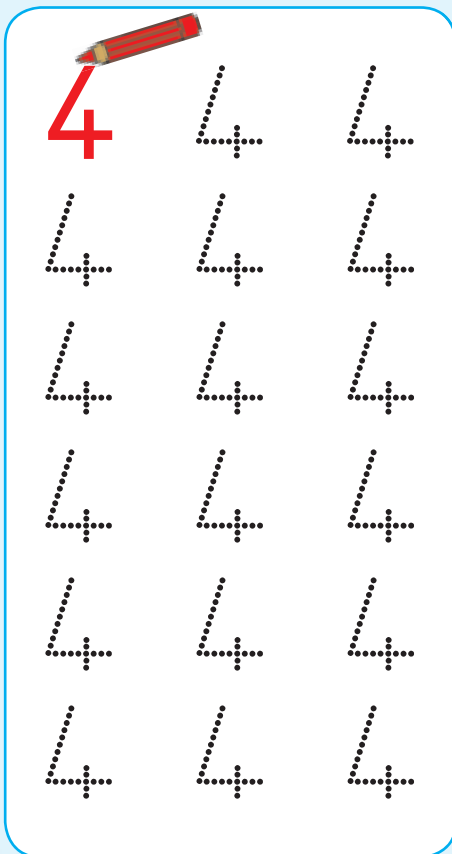
zwimange zwiṅa
vhusunzi vhuṅa
maṭari maṅa
zwickhokhonono zwiṅa



Tevhedzelani nomboro.

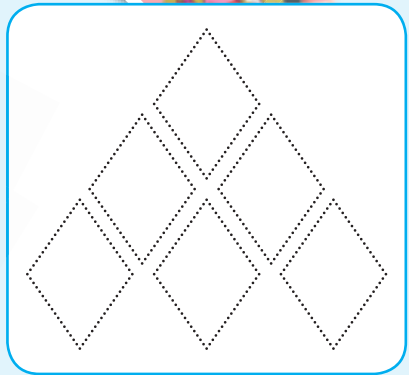
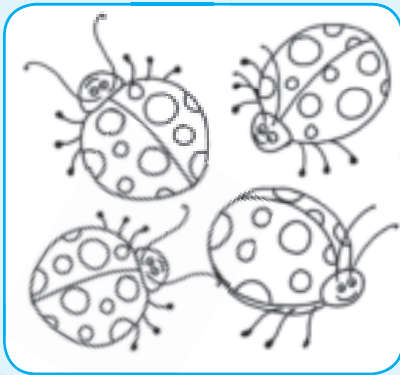


Livhanyani zwifanyiso.





Khalarani zwithu zwiṇa kha tshibuloko tshiṇwe na tshiṇwe.



Kopani na u ola zwivhumbeo zwiṇwe zwiṇa hafu ni zwi khalare.

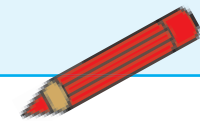
	    
 	
  	
   	



Itani ngowengowe ya nomboro.



ina



4 4 4 4



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

												
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Teacher:
Sign:
Date:



Tanganyani na u tusa u swika kha 4

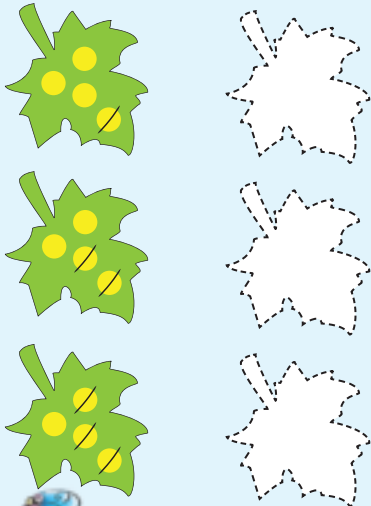


Fhedzisani zwi tevhelaho nga u ita nyolo:

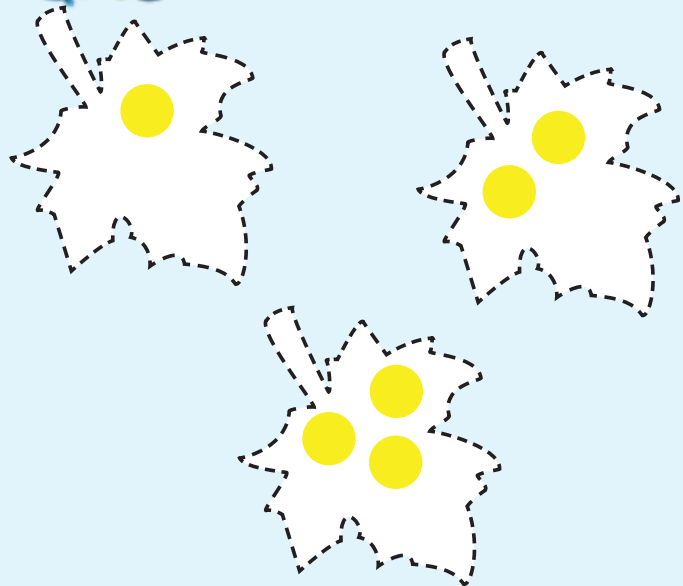
	na		zwi ita			na		zwi ita	
	na		zwi ita			na		zwi ita	
	na		zwi ita			na		zwi ita	



Ho sala zwivhaleli zwingana? Zwi oleni.



Olani zwivhaleli zwiñwe hafhu uri zwi vhe 4.

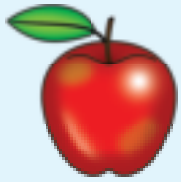


Nwalani fhungombalo la:

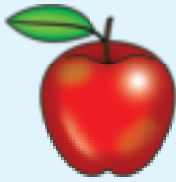
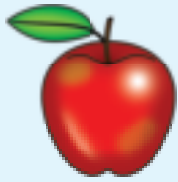
	4	ra bvisa		i ita	3
		ra bvisa		i ita	
		ra bvisa		i ita	



Tanganyani hezwi ni riwale phindulo.

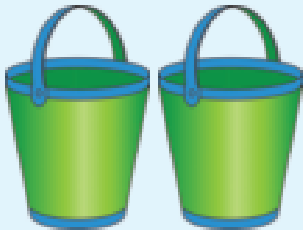


na

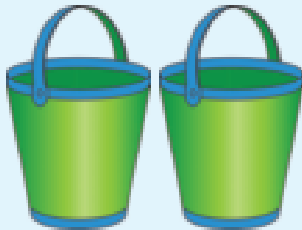


1 na 2 dzi ita

3



na



2 na 2 dzi ita



na



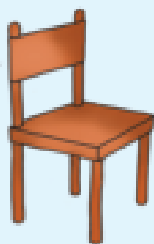
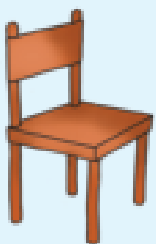
3 na 1 dzi ita



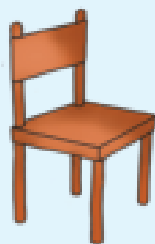
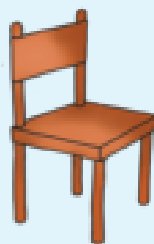
na



1 na 3 dzi ita



na

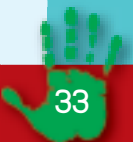


2 na 2 dzi ita



Teacher:
Sign:

Date:



11

12

13

14

15

16

17

18

19

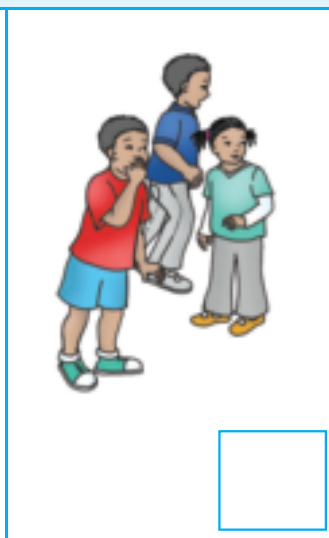
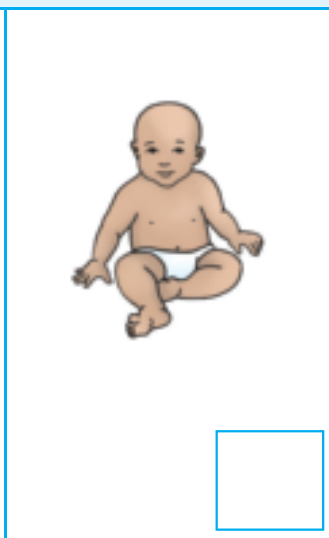
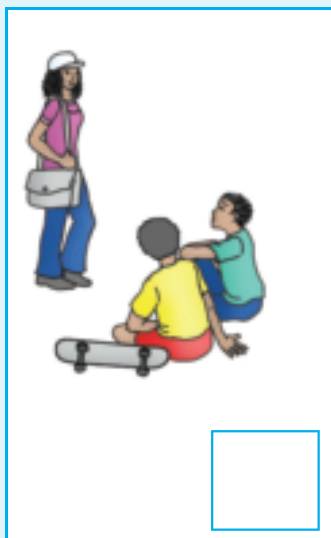
20

33

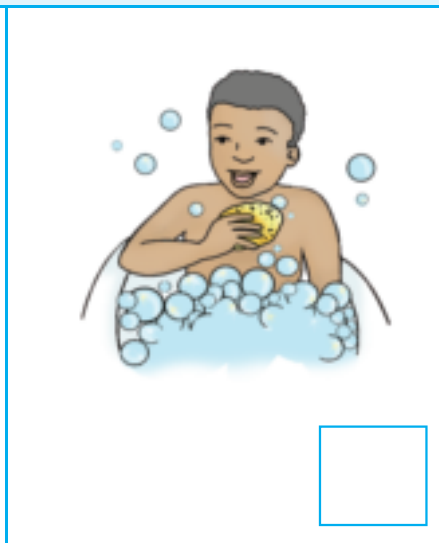
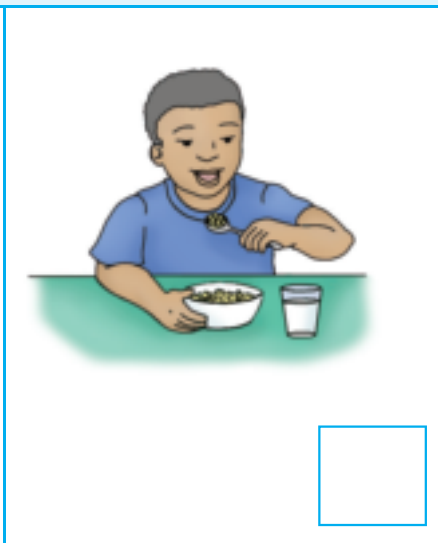
Tshifhinga



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



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



1

2

3

4

1

2

3

4



Olani tshinwe tshithu:

a. tshe na tshi ita mulovha

b. tshe na tshi ita namusi

c. tshine na do tshi ita matshelo



Teacher:
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Date:





Thanu

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

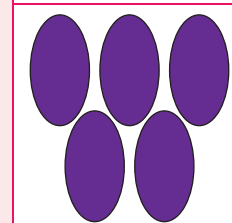
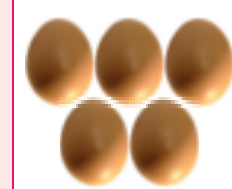
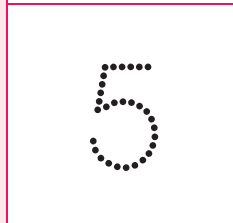
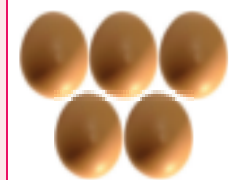
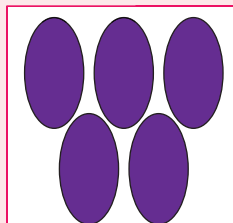
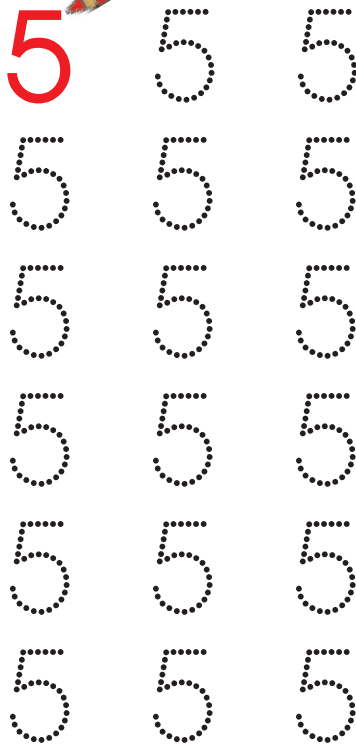
thedibee thanu
malegere matanu
naledzi thanu
zwiṭirepe zwiṭanu

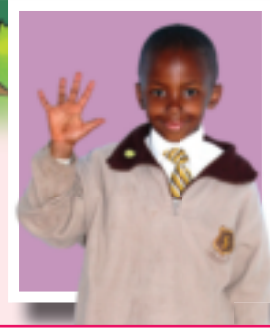


Tevhedzelani nomboro.



Livhanyani zwifanyiso.

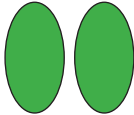
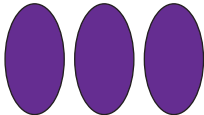
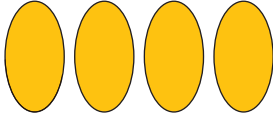




Khalarani zwiṭanu kha tshibuloko tshinwe na tshinwe.



Kopani ni ole zwiṇwe hafhu zwiṭanu.

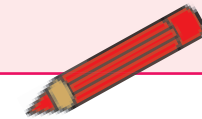


Itani ngowengowe ya nomboro.



5

ṭhanu



5

5

5

5



Khalarani makumba (ovaḷa) ni tshi khou ralo u vhala.

Teacher:
Sign:

Date:



Vusuludzani nomboro 1 u swika kha 5

Itani ndowengowe ya u n'wala nomboro idzi.

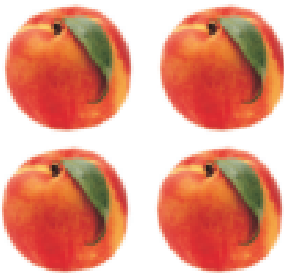
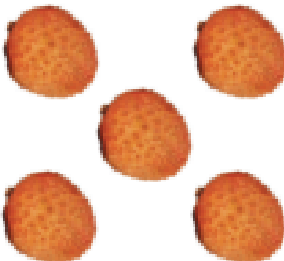


Tangedzelani nomboro i re yone.

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



Nwalani madzina a nomboro.

	1	thihi
	2	mbili
	3	raru
	4	ina
	5	xhanu



Teacher:
Sign:
Date:

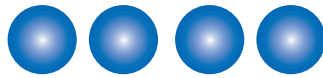




Tanganyani u swika kha 5

Engedzani malungu nga u ola mañwe hafhu.

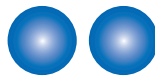
Olani tshithihi hafhu.



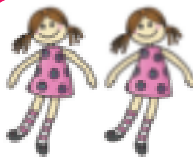
Olani zwivhili hafhu.



Olani zwiraru hafhu.



Vhalani ni tanganye hezwi ni kone u riwala 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 dziñwe hafhu. Ni kona u vhona zwifhio?

	1 nga nt̃ha	
	2 nga nt̃ha	
	3 nga nt̃ha	
	4 nga nt̃ha	



Olani phindulo .

	na		zwi ri ñea	
3	na	2	dzi ri ñea	5

	na		zwi ri ñea	
	na		dzi ri ñea	

	na		zwi ri ñea	
	na		dzi ri ñea	



Teacher:
Sign:
Date:





Tusani kha 5 ni ṭanganye u swika kha 5

Olani zwi fhasi (u fhungudza).

	zwo fhungudzwa nga l	
	zwo fhungudzwa nga 2	
	zwo fhungudzwa nga 3	
	zwo fhungudzwa nga 4	



Nwalani mbalo ya:

	5	ra ṭusa	l	ndi	4
		ra ṭusa		ndi	
		ra ṭusa		ndi	



Tusani nga u vhala ni tshi ya murahu

5 ṭusa 3



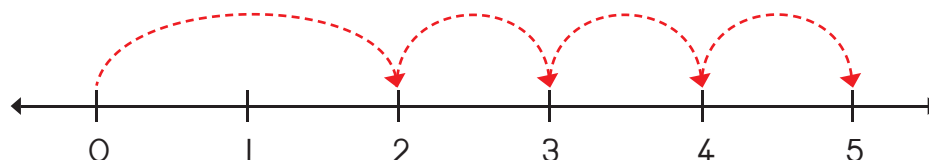
5 ṭusa 2





Tanganyani nga u vhala ni tshi ya phanda

2 tanganya na 3

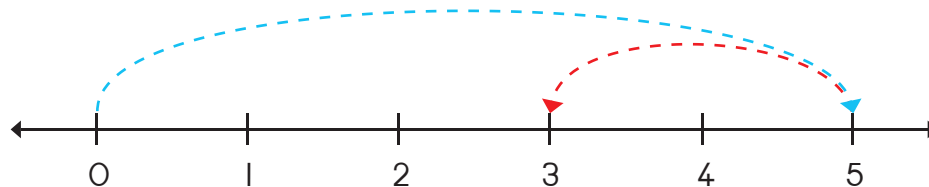


1 tanganya na 4



Sumbedzani mbalo kha mutalombalo.

5 tusa 2



5 tusa 4



Teacher:
Sign:

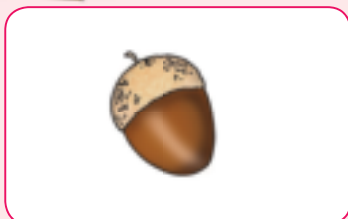
Date:



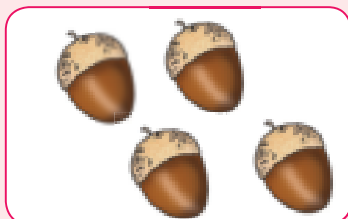


Tanganyani na u tusa u swika kha 5

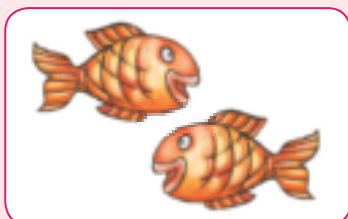
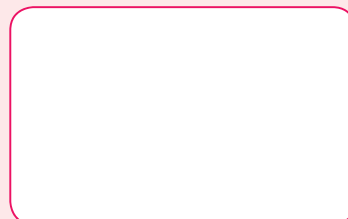
Fhedzisani zwi tevhelaho:



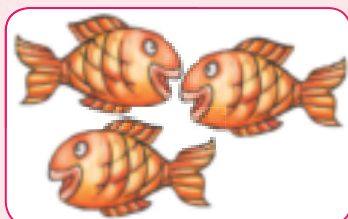
na



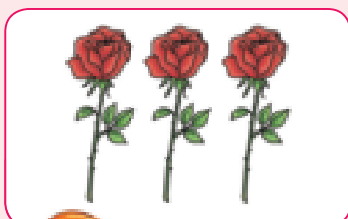
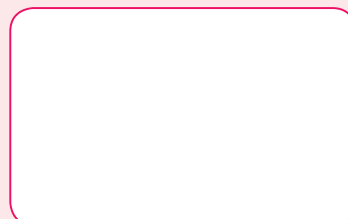
zwi mpha



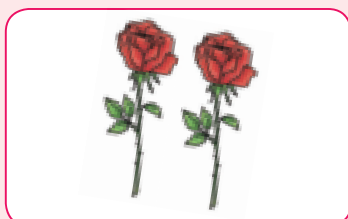
na



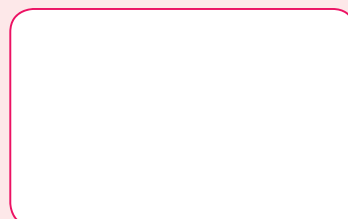
zwi mpha



na



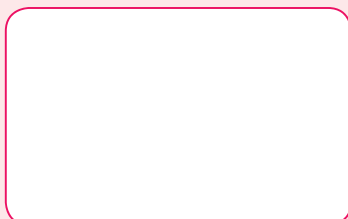
zwi mpha



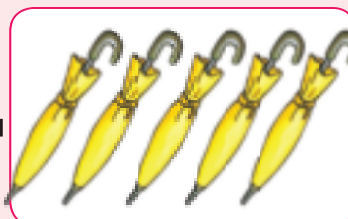
Fhedzisani zwi tevhelaho:



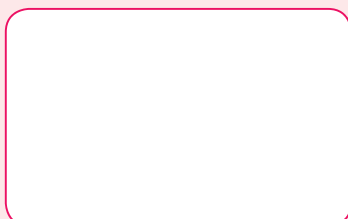
na



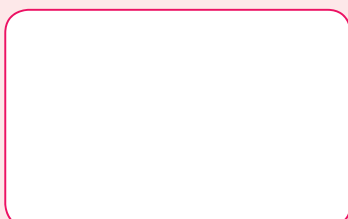
zwi mpha



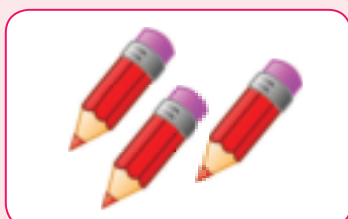
na



zwi mpha



na

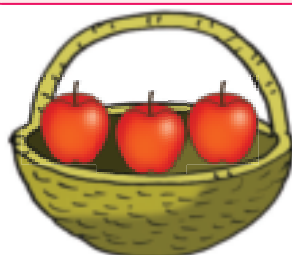
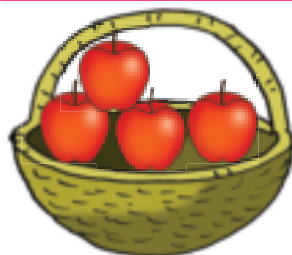
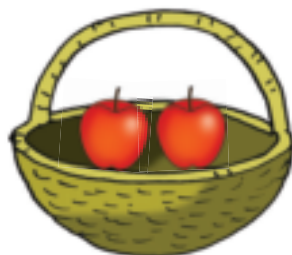


zwi mpha

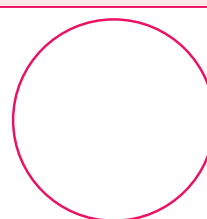
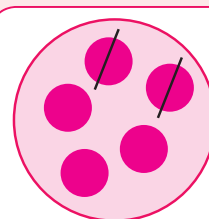
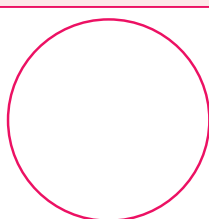
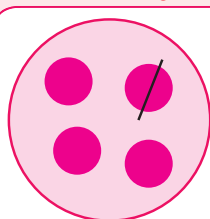




Olani mañwe maapula hafhu uri a vhe a mañanu.



Ho sala malungu mangana? A oleni.



Mbalo dza maipfi.
Mudededzi/mubebi wanu vha do ni vholela 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?

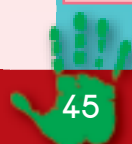
Lisa u na mapiere maña. Musa a mu ñea mavhili. O no vha na mapiere mangana zwino?



Teacher:

Sign:

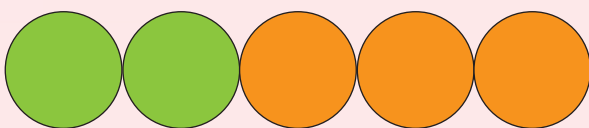
Date:



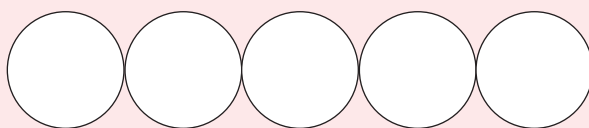


Mutanganyo na mutuso I u swika kha 5

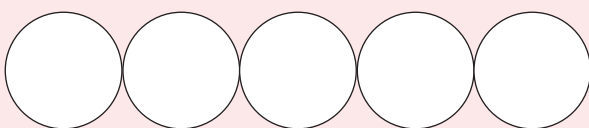
Khalarani malungu ni tshi sumbedza.



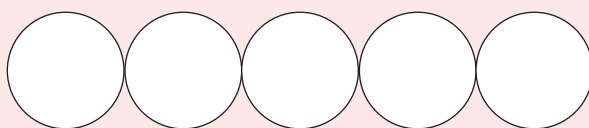
2 na 3 ndi 5



1 na 4 ndi 5



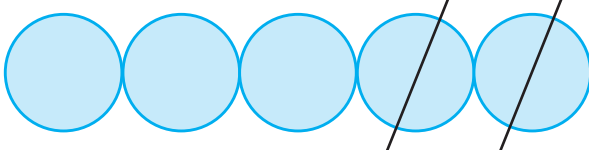
3 na 2 ndi 5



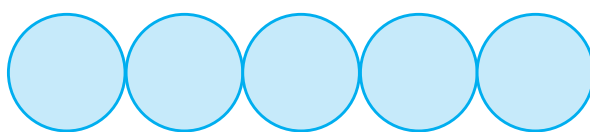
4 na 1 ndi 5



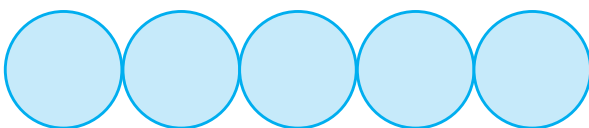
Hwayani malungu ni tshi sumbedza:



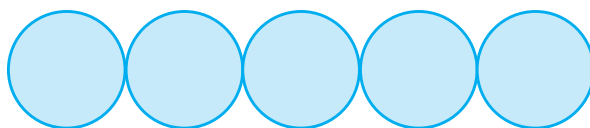
5 tusa 2 ndi 3



5 tusa 1 ndi 4



5 tusa 3 ndi 2

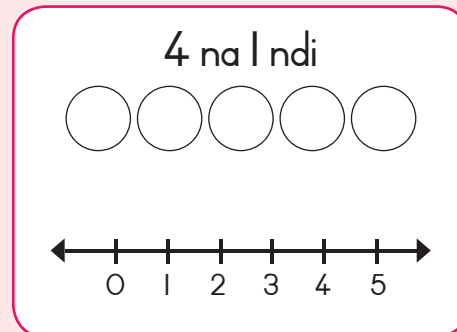
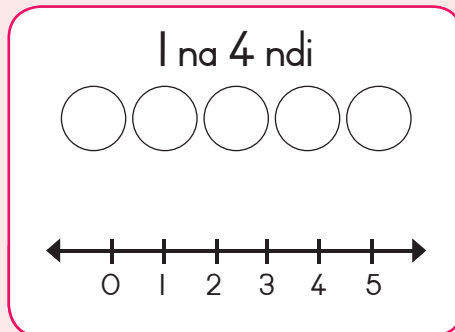
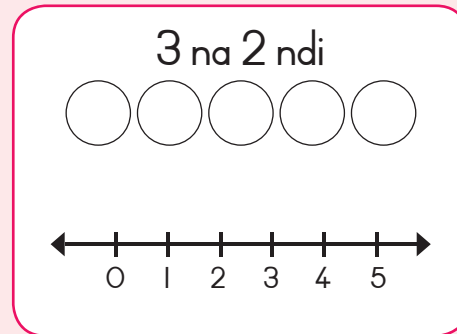
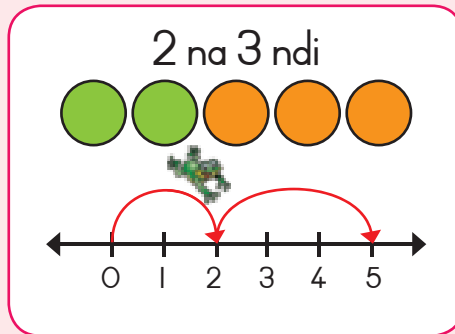


5 tusa 4 ndi 1

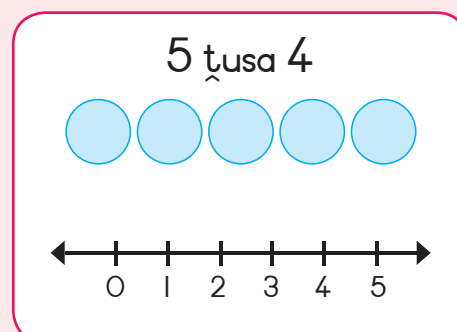
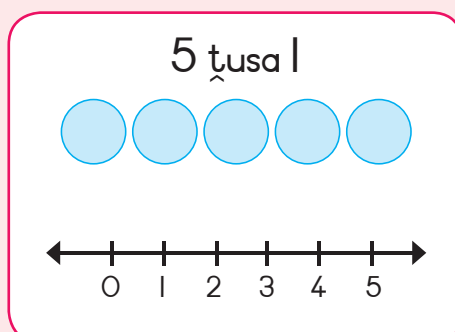
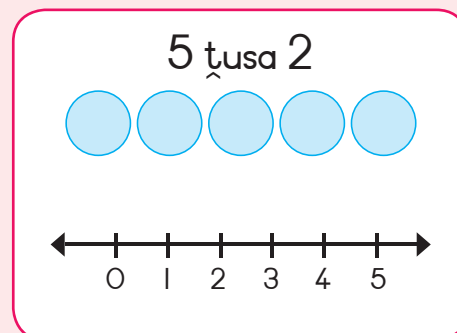
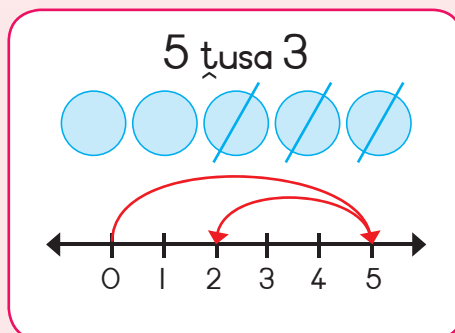




Khalarani malungu. Thusani tshigula uri tshi sumbedze nomboro.



Hwayani malungu ane na a tšusani ni zwi sumbedze kha mutalombalo.



Teacher:
Sign:

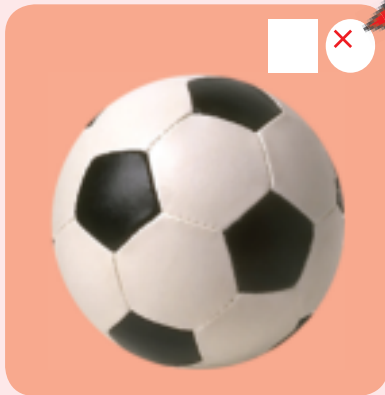
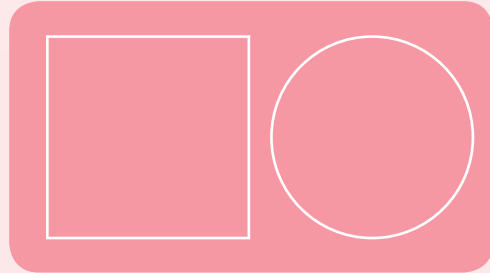
Date:



Bola na zwibogisi



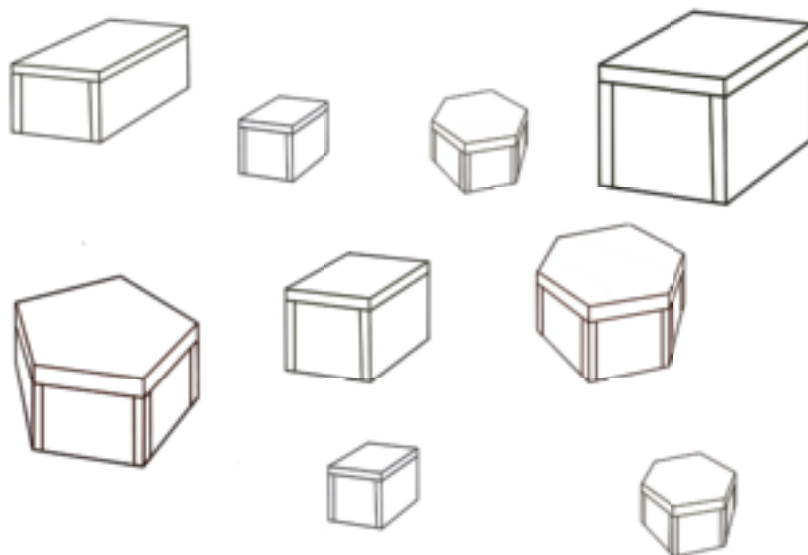
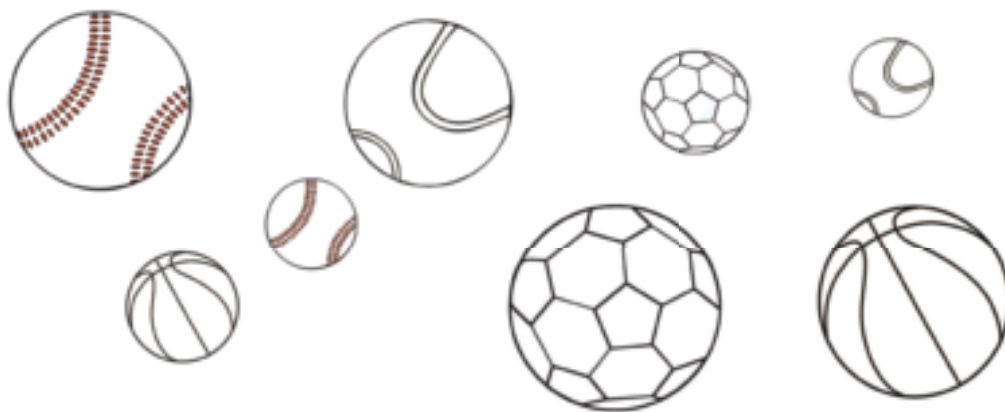
Ndi zwif'hio kha izwi zwi no nga zwibogisi?
 Ndi zwif'hio kha izwi zwi no nga bola?
 Ndi tshif'hio tshi no kunguluwa nahone ndi
 tshif'hio tshi no swenda?





Khalarani:

- zwibogisi zwiṭuku na bola tswuku
- zwibogisi zwiḥulwane na bola dza lutombo



Tevhedzelani maipfi.

tshibogisi

bola



Teacher:
Sign:
Date:

24a

Themo ya l



Tsha monde na tsha u la

Tsha monde

Tsha u la

	Tsha monde	Tsha u la
Muri u kha tshanda tshawe	☐	☐
Goloi i kha tshanda tshawe	☐	☐
Nngu i kha tshanda tshawe	☐	☐
Tshinoni tshi kha tshanda tshawe	☐	☐
Tshitaha tshi kha tshanda tshawe	☐	☐

	Tsha monde	Tsha u la
Mmbwa i kha tshanda tshawe	☐	☐
Nngu i kha tshanda tshawe	☐	☐
Randavhula i kha tshanda tshawe	☐	☐
Tshikolo tshi kha tshanda tshawe	☐	☐
Maluvha a kha tshanda tshawe	☐	☐



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.

Tsha u la

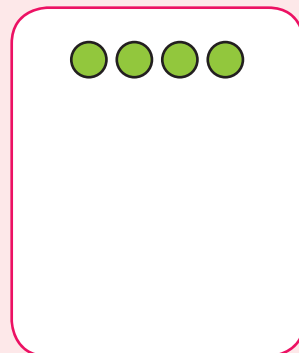
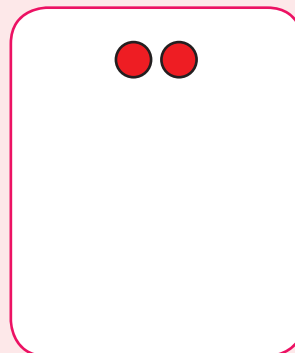
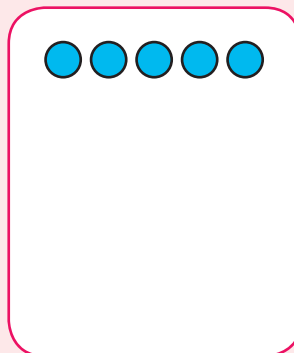
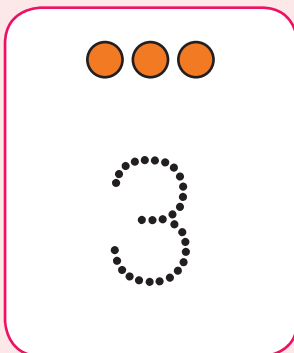
Tsha monde

Tsha u la

Tsha monde



Itani ndowendowe ya u riwala nomboro idzi.



Teacher:
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Date:



11 12 13 14 15 16 17 18 19 20



24b

Themo ya l

Ngila

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

tsha monde	tsha u la
✓	

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 n̄tha	kha tsha monde	nga f'hasi	kha tsha u ̄la
↓	nga n̄tha	kha tsha monde	nga f'hasi	kha tsha u ̄la
→	nga n̄tha	kha tsha monde	nga f'hasi	kha tsha u ̄la
←	nga n̄tha	kha tsha monde	nga f'hasi	kha tsha u ̄la



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

↑	→	←	↓	↑
↓	↑	↓	→	←
→	←	↓	→	↑
←	↑	←	↓	↑



Teacher:
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Date:





U fhaṭa na u paḡula nomboro

Ñwalani nomboro dzo teaho tshibuḡokoni tshiriwe na tshiriwe.



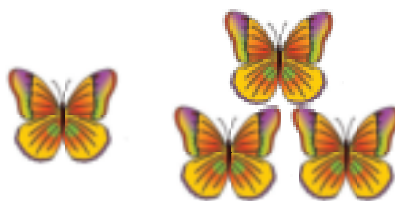
2 na 1 ndi 3



na ndi



na ndi



na ndi



na ndi



na ndi



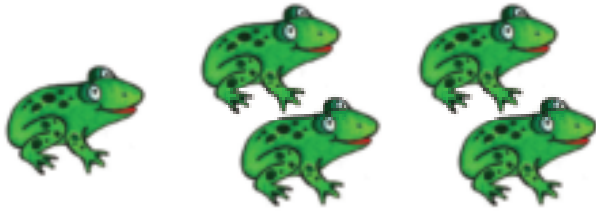
na ndi



na ndi



Zwino edzisani hezwi.



na na ndi



na na ndi



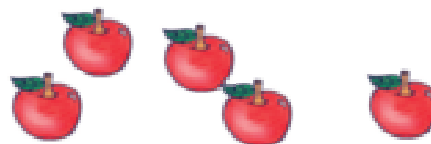
na na ndi



na na ndi



na na ndi



na na ndi



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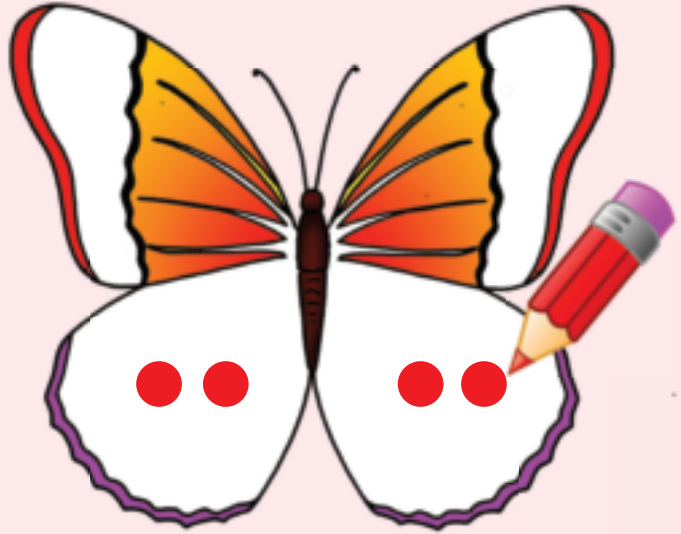
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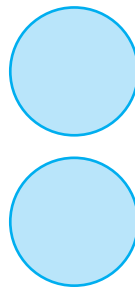
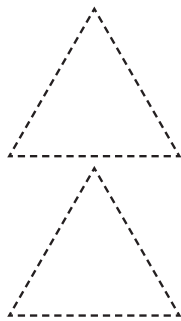
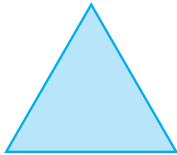


Nyingakavhili dza mutanganyo

Zwithoma zwivhili kha mabesu.

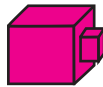


U inga kavhili zwivhumbeo.

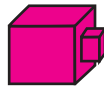
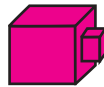


Olani ni riwale nomboro.

Nyingakavhili ya



ndi



Nyingakavhili ya

1

ndi



Nyingakavhili ya



ndi



Nyingakavhili ya



ndi





Olani ni riwale nomboro.

Nyingakavhili ya  ndi  

Nyingakavhili ya ndi

tanganya na ndi

Nyingakavhili ya   ndi 

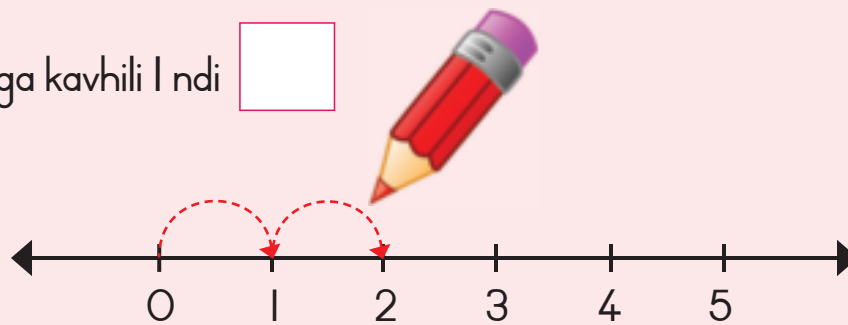
Nyingakavhili ya ndi

tanganya na ndi

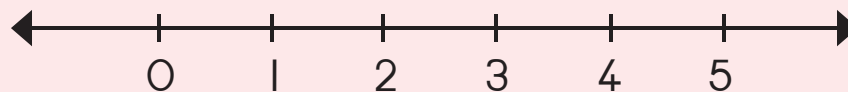


Sumbedzani zwi tevhelaho kha mutalombalo

U inga kavhili 1 ndi



U inga kavhili 2 ndi

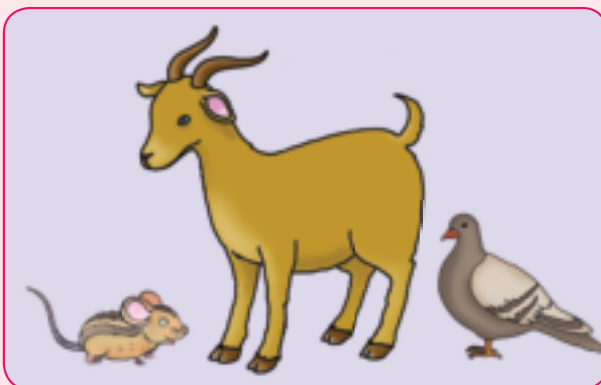
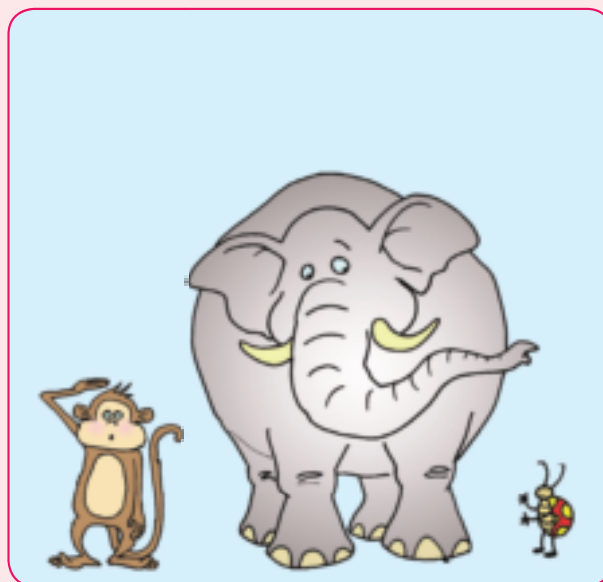


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Zwihulwame na zwiṭuku

- Tangedzelani phukha khulwane nga muvhala mutswuku.
- Olani tshitendeledzi u mona na tshipuka tshiṭukusa tshibogisini tshirwe na tshirwe.



khulwane

ṭhukhu

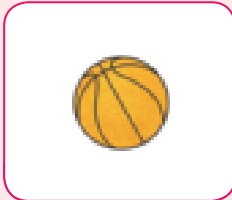
khulukhulu

ṭhukhuṭhukhu



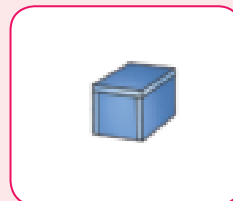
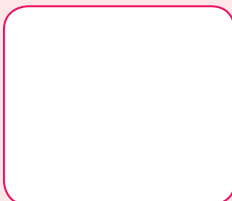
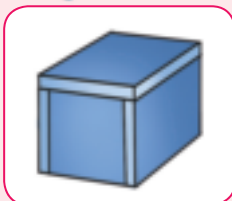
Olani bola khulwane.

Olani bola tshukhu.

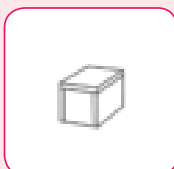
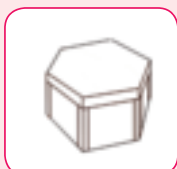
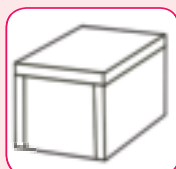
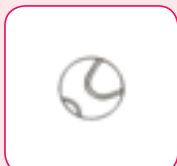


Olani tshibogisi tshituku.

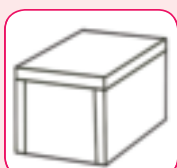
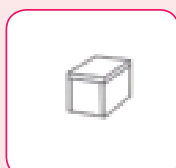
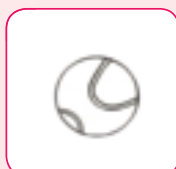
Olani tshibogisi tshihulwane.



Khalarani.



Khalarani.



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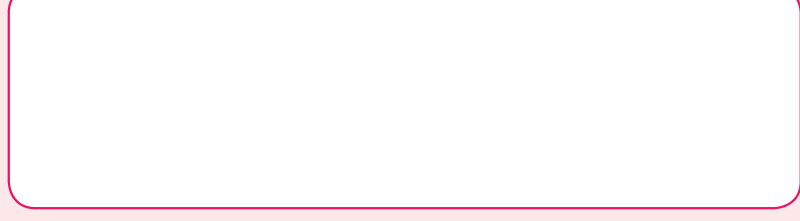
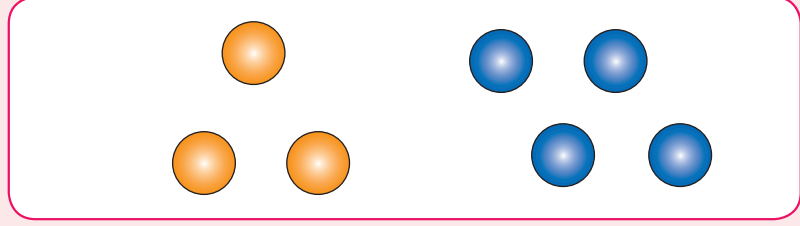
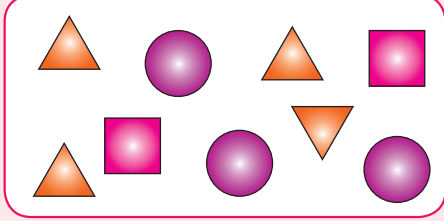
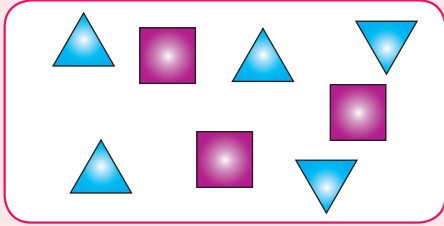
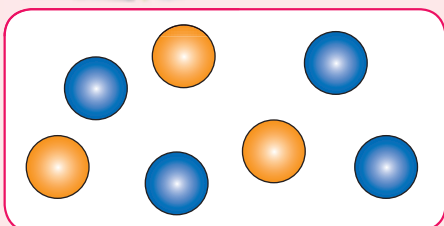


Vhekanyani zwithu

Livhanyani zwithu zwo vhekanyiwaho na zwifanyiso.

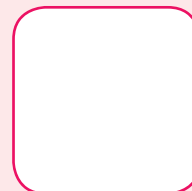
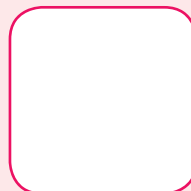
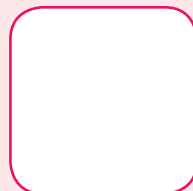
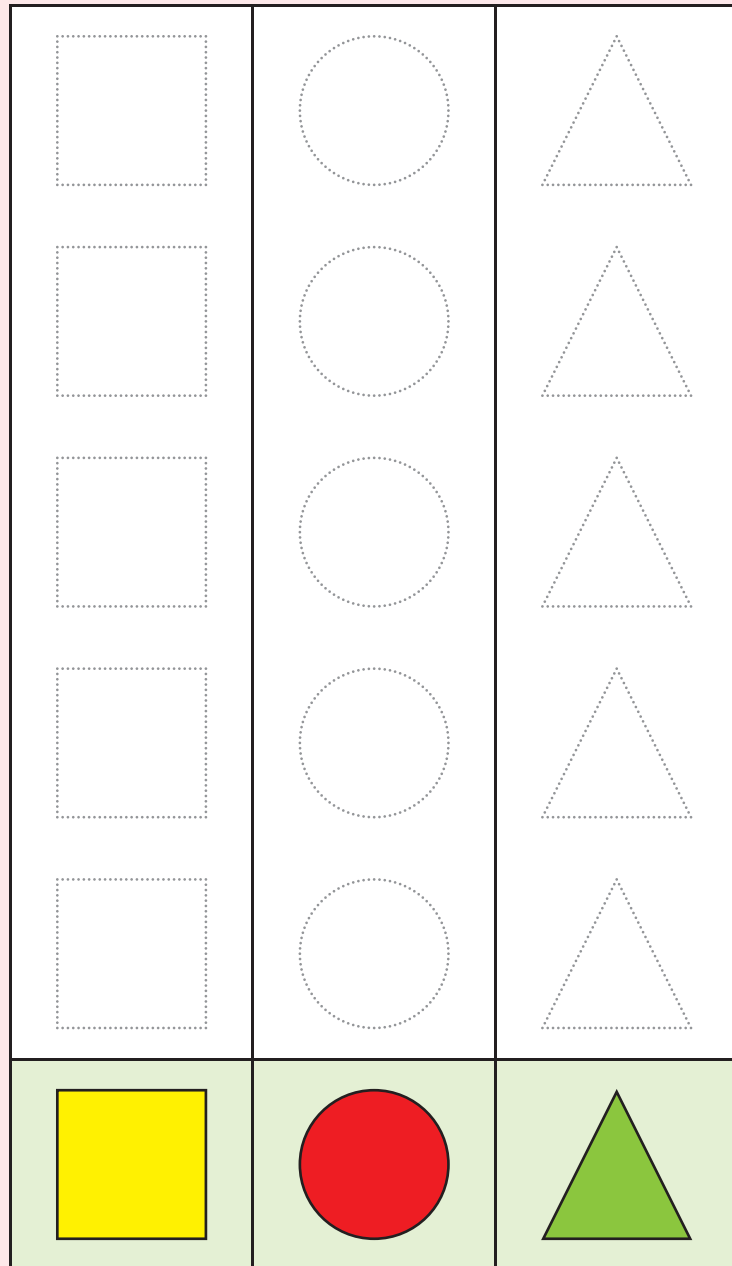
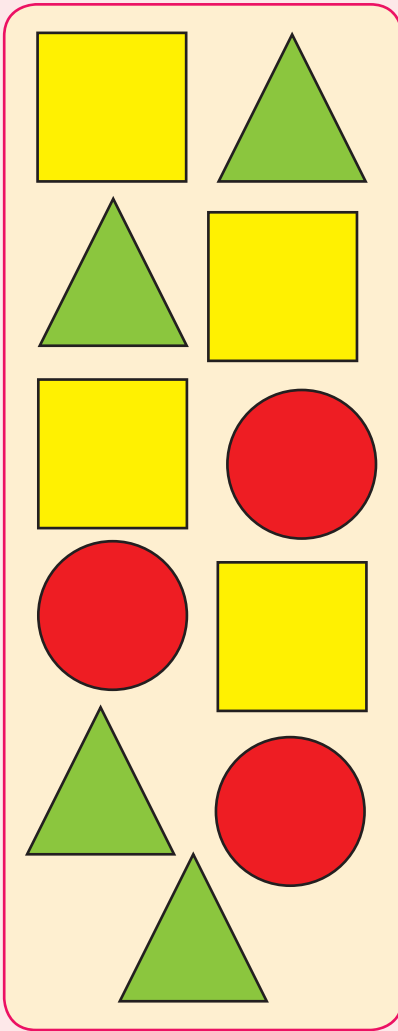


Vhekanyani nga u ola nyolo ya tshinwe na tshinwe.





Olani hafhu zwivhumbeo zwi re kha girafu ya zwifanyiso ni n'wale nomboro ya tshirwe na tshirwe nga fhasi.



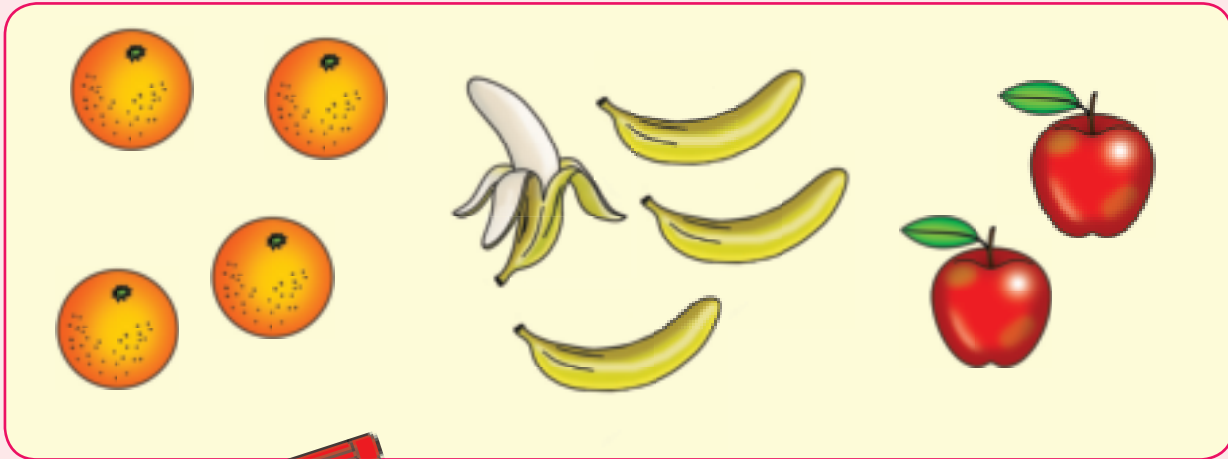
Teacher:
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Kha ri kovhekane zwi tshi lingana

Vhalani maswiri, miomva na maapula ni n'wale tshivhalo tshazwo kha zwibuloko.



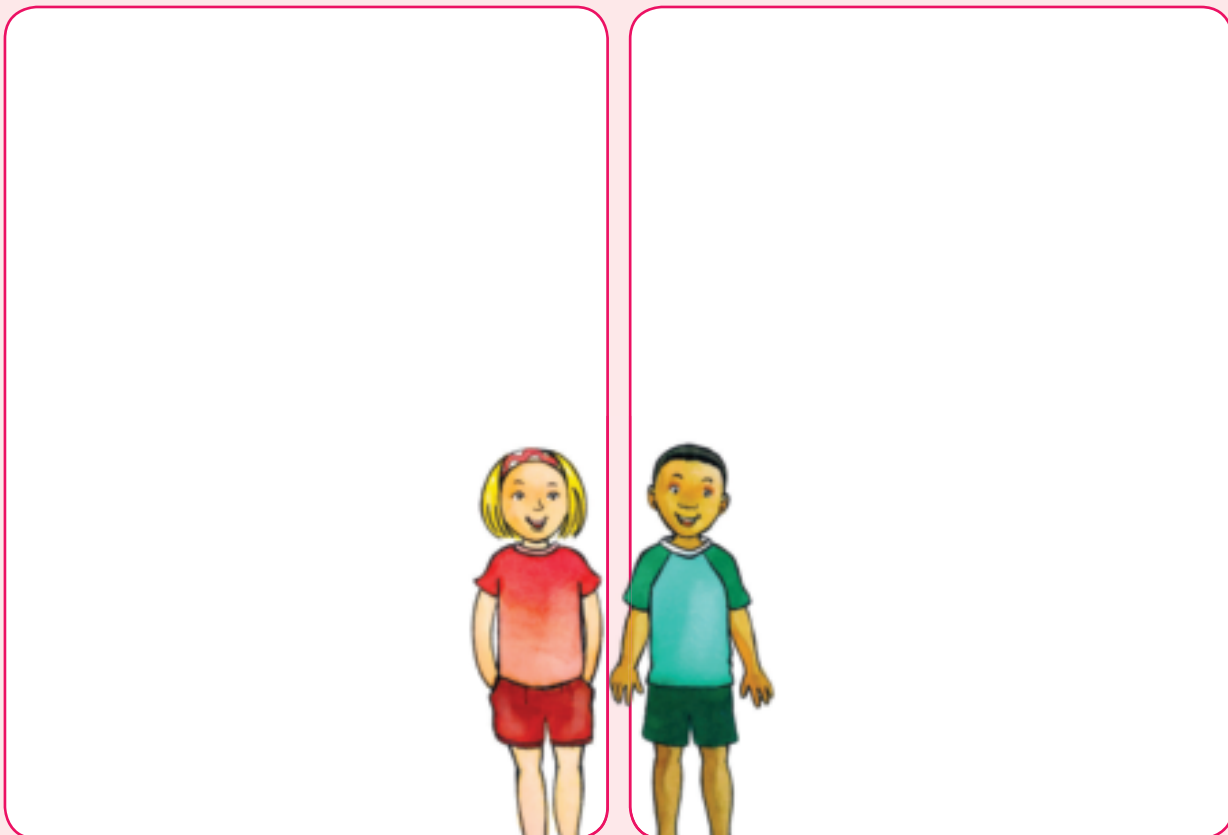
4

maswiri

miomva

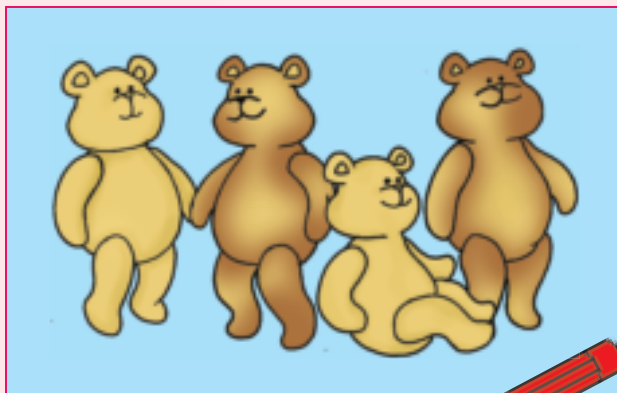
maapula

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

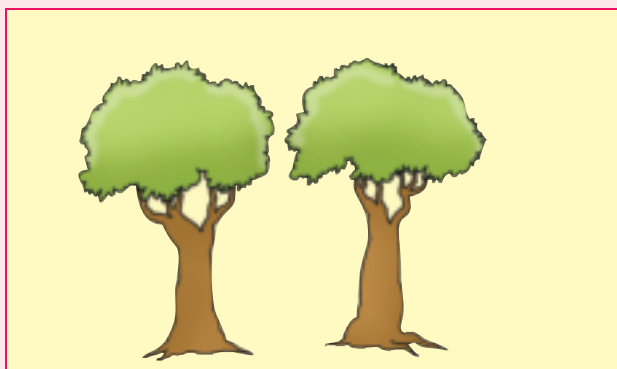




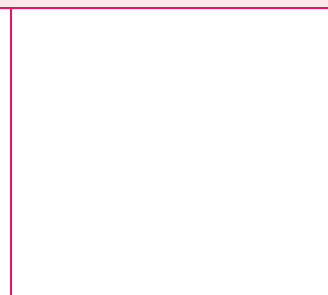
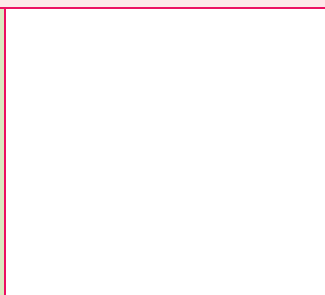
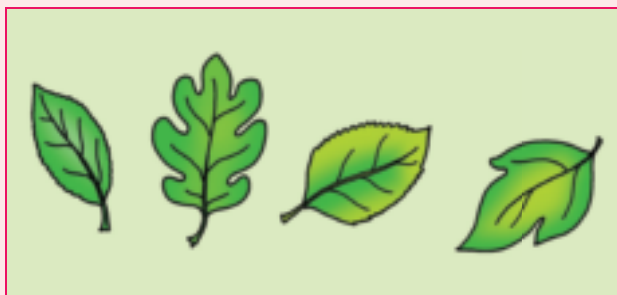
Kovhani izwi zwithu mabogisini mavhili.
Olani izwi zwigwada zwivhili mabogisini mavhili.



$$4 = 2 + 2$$



$$\square = \square + \square$$



$$\square = \square + \square$$



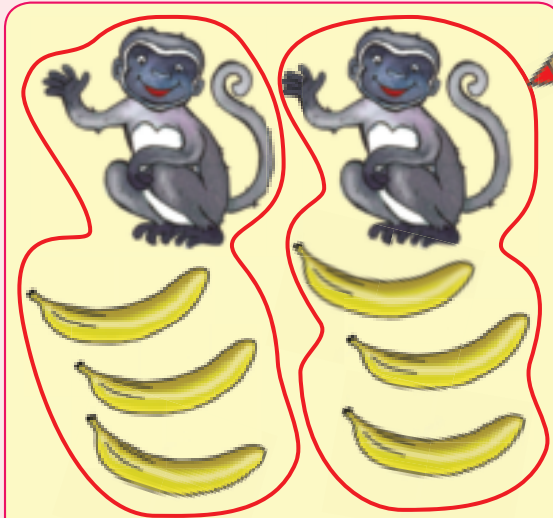
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U kovhana zwi tshi lingana

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

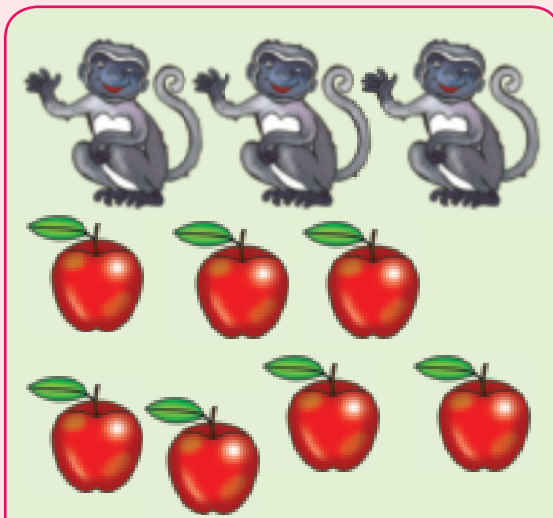


Thoho inwe na inwe yo wana miomva mingana?

3



Muvhuda muñwe na muñwe wo wana kherotsi nngana?



Thoho inwe na inwe yo wana maapula mangana?

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

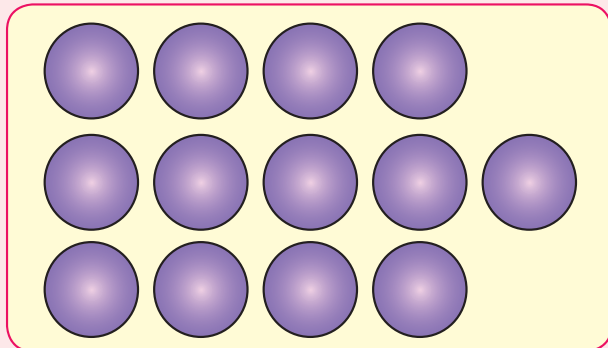
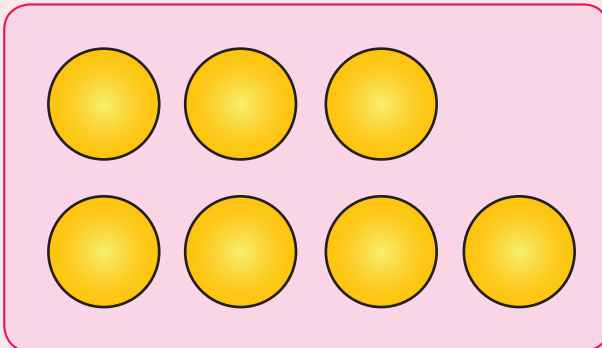
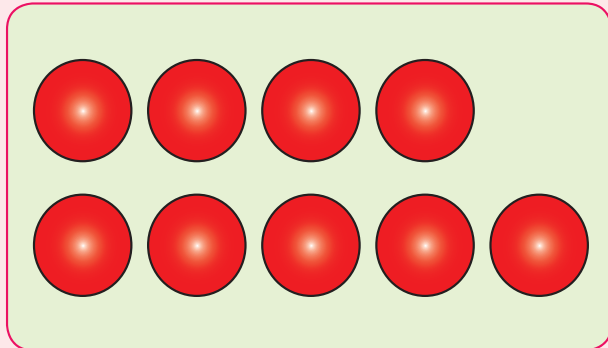
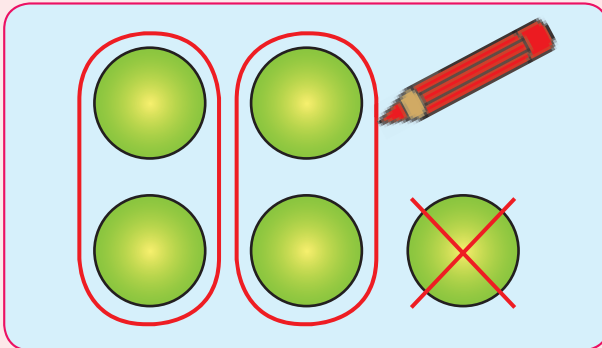


Muvhuda muñwe na muñwe wo wana kherotsi nngana?

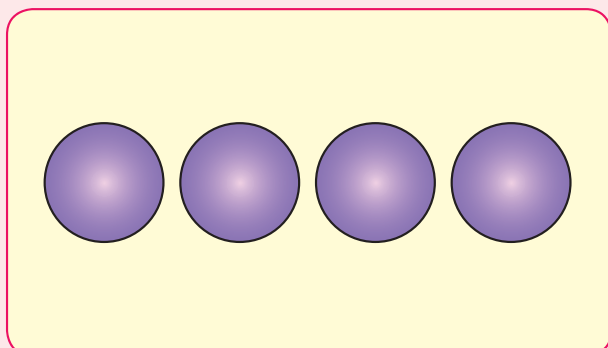
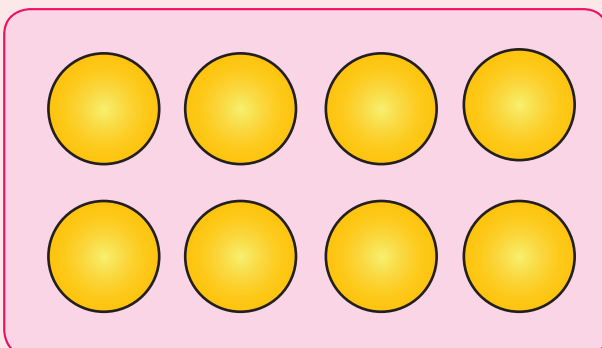
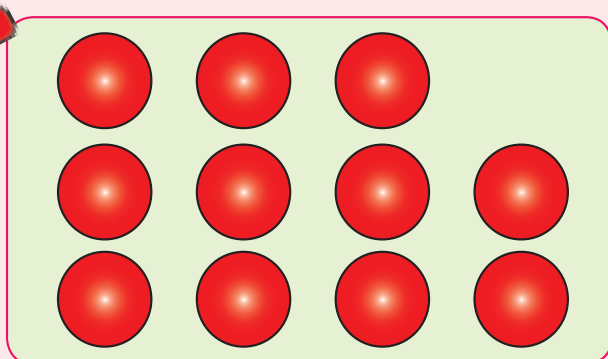
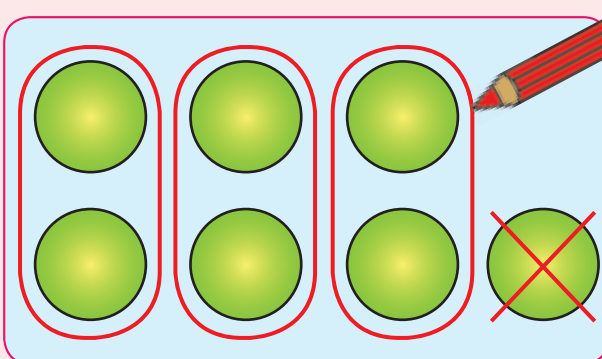
Ho sala dziñwe kherotsi musi dzo no kovhiwa dzi tshi lingana?



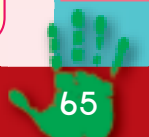
Vhekanyani zwivhaleli zwi kha zwigwada zwivhili zwi no lingana ni ite tshif'hambano kha zwivhaleli zwo salaho.



Vheani zwivhaleli kha zwigwada zwiraru zwi no lingana ni ite tshif'hambano kha zwivhaleli zwo salaho.



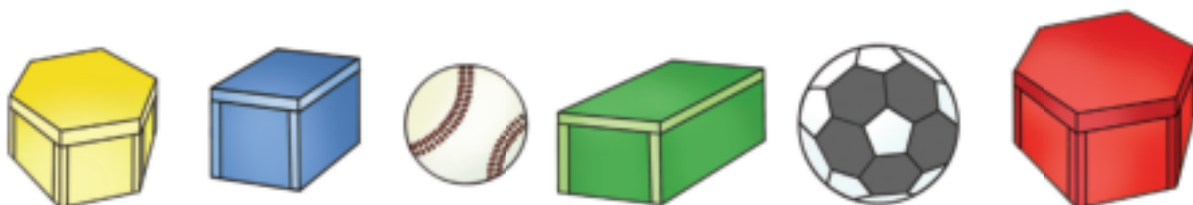
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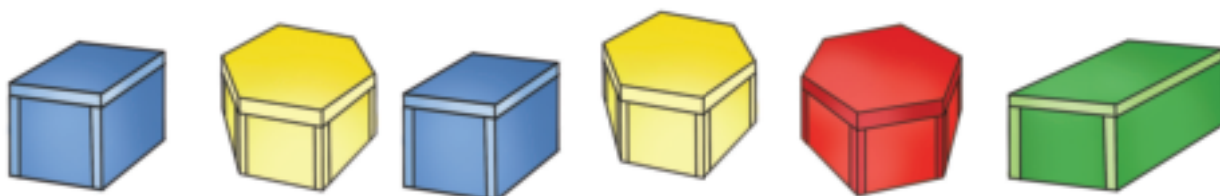
U fhaṭa zwithu

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



Ee

Hayi



Ee

Hayi



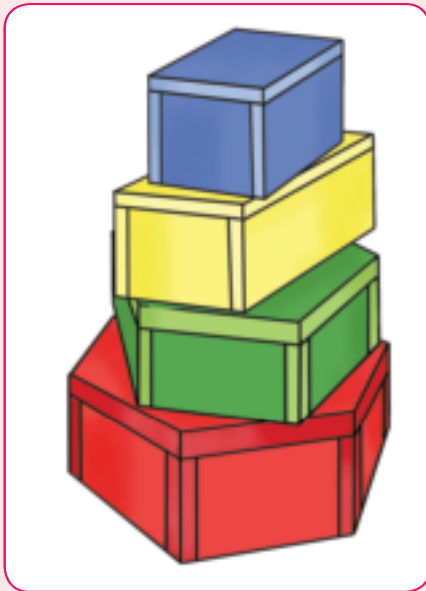
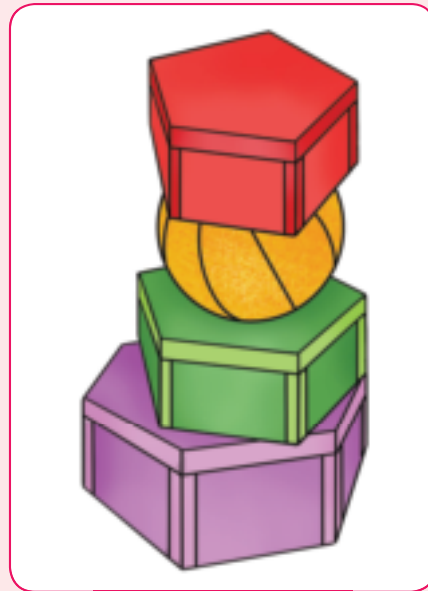
Ee

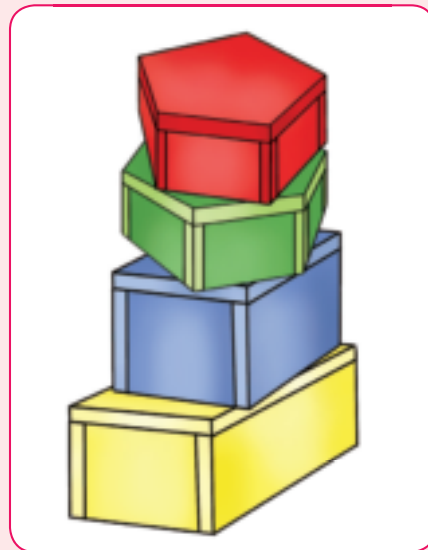
Hayi





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


☐

☐

☐

☐


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



Teacher:
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Date:



U bula tshifhinga

Tevhedzelani mirwedzi ya riwaha.
Khaḽarani baḽoni ḽa riwedzi wa duvha ḽanu ḽa mabebo.



Phando



Luhuhi



Ṭhafamuhwe



Lambamai



Shundunthule



Fulwi

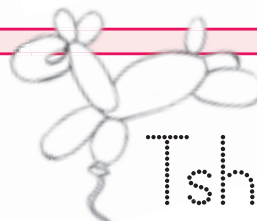


Fulwana

Ṭhangule



Khubvumedzi



Tshimedzi



ḽara

Nyendavhusiku





Tevhedzelani maḡuvha a vhege.

Khaḡarani tshibuḡoko tshi no sumbedza ḡuvha ḡa ḡamusi.

Musumbuluwo

Ḳavhuvhili

Ḳavhuraru

Ḳavhuḡa

Ḳavhuḡanu

Mugivhela

Swondaha



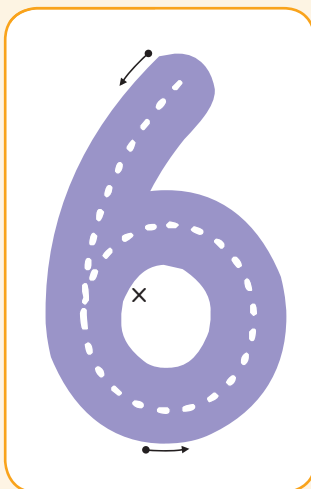
Teacher:
Sign:
Date:



Rathi



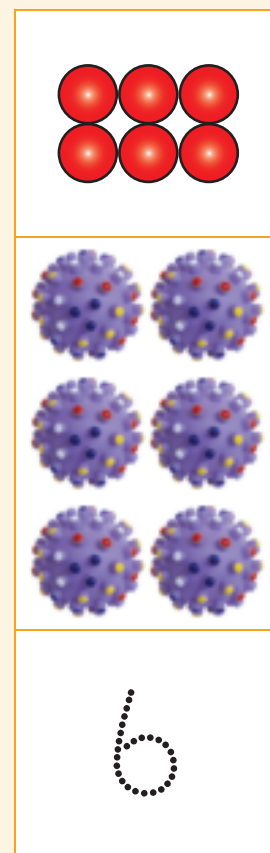
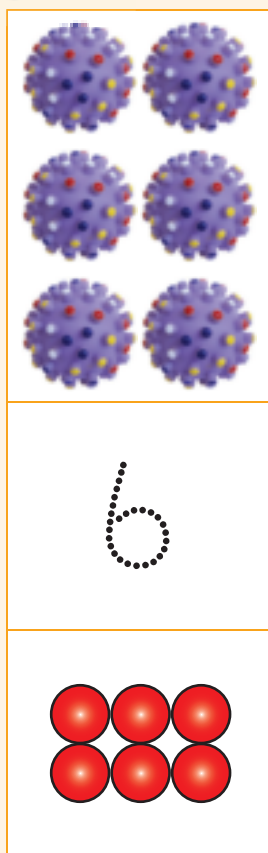
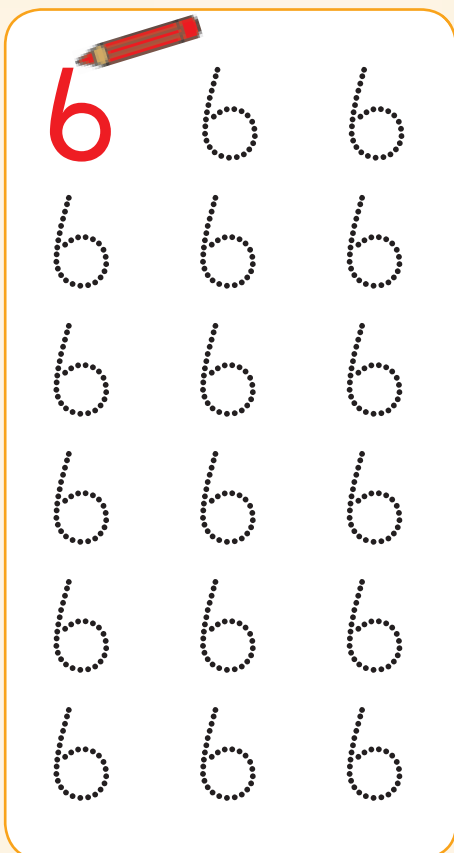
Olani zwitendeledzi zwa 6 tshibulokoni.



Tovhedzelani nomboro.

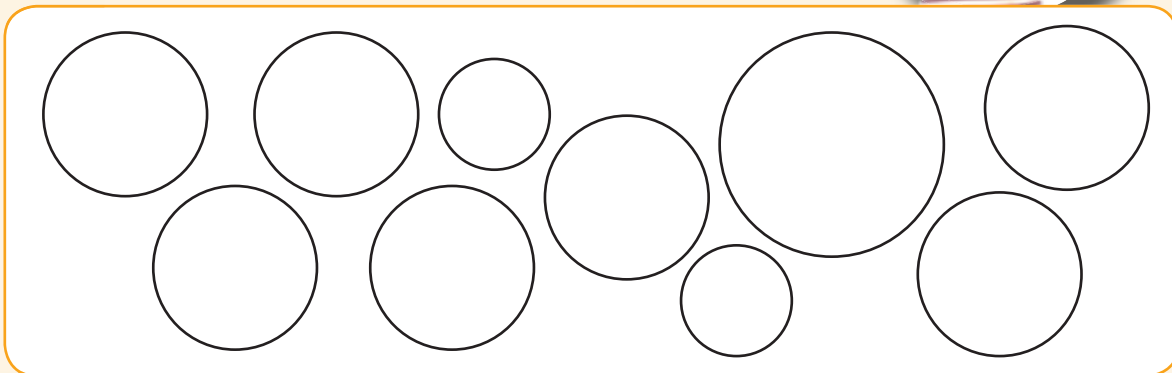


Livhanyani zwifanyiso.





Khalarani zwitendeledzi zwa rathi.



Kopani ni ole zwinwe hafu zwa rathi.



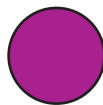
Itani ngowendowe ya nomboro.



rathi

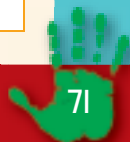


Khalarani zwitendeledzi ni khou ralo u zwi vhalo.



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Sumbe



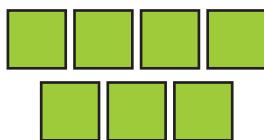
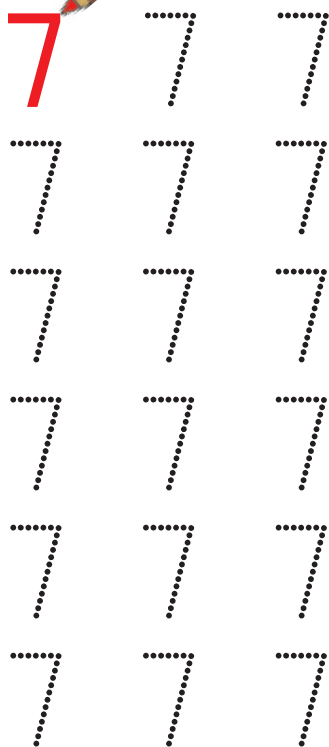
Olani zwikwea zwa sumbe tshibulokoni.



Tovhedzelani nomboro.



Livhanyani zwifanyiso.



sumbe

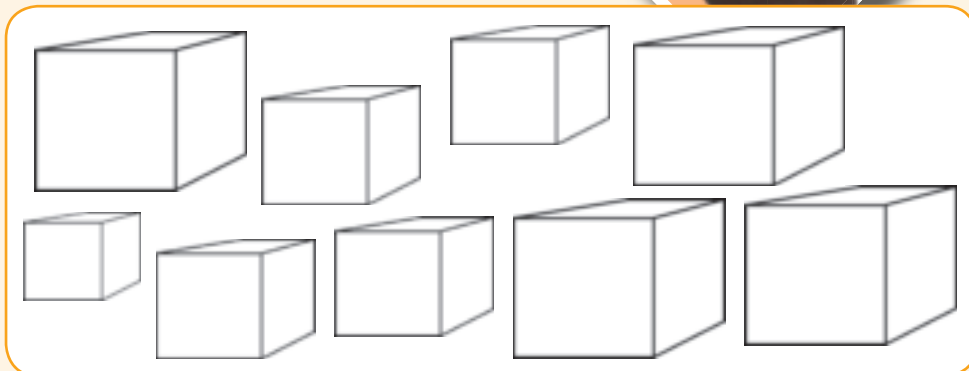
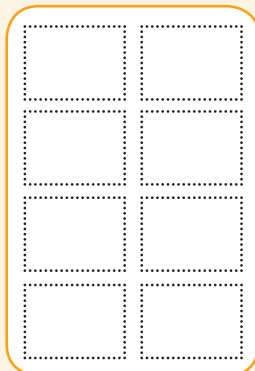


sumbe

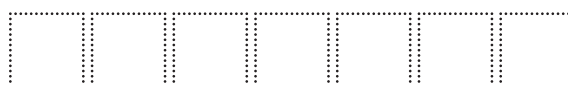




Khalarani zwikwea zwa sumbe.



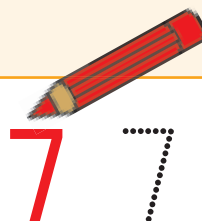
Kopani ni ole zwinzhi nga zwinwe hafhu zwa sumbe.



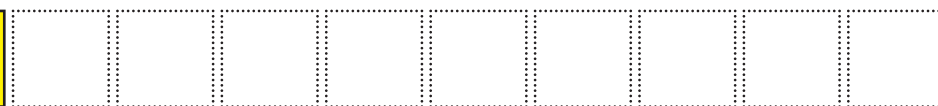
Itani ngowendowe ya nomboro.



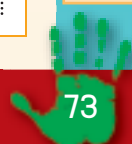
sumbe



Khalarani zwikwea ni khou ralo u zwi vhala.



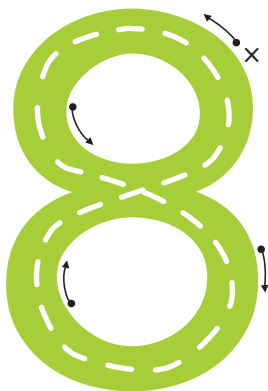
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Olani zwivhumbeo zwa malo tshibulokoni.

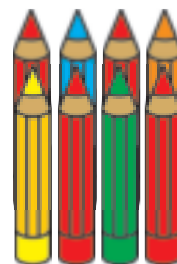
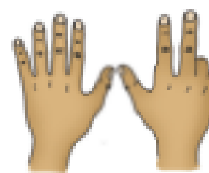
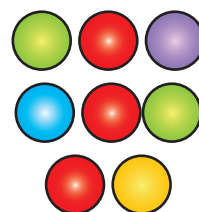
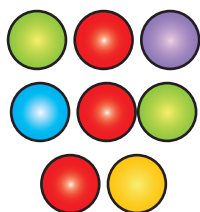
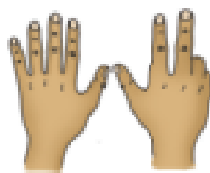
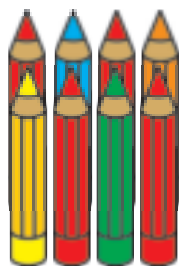
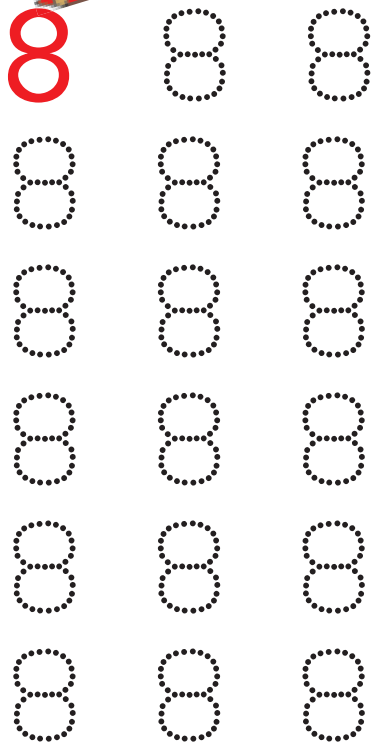
Malo



Tovhedzelani nomboro.

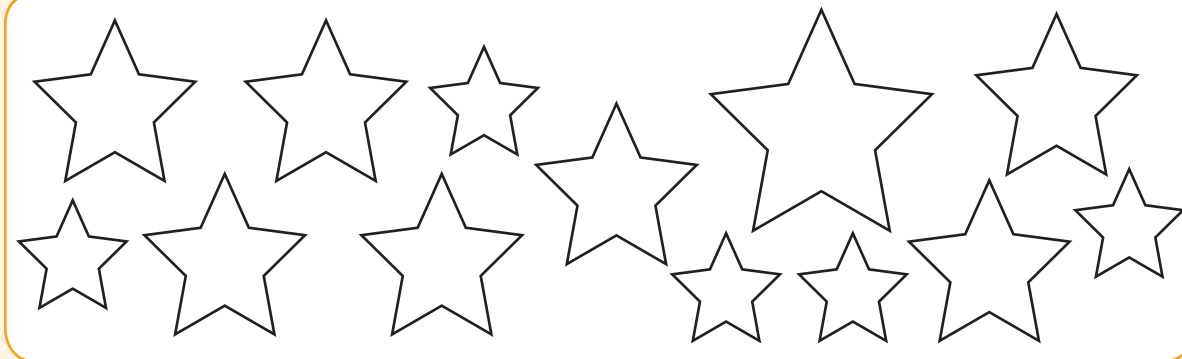


Livhanyani zwifanyiso.





Khalarani naledzi dza malo.



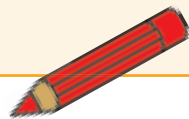
Kopani ni ole zwinwe hafhu zwa malo.



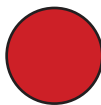
Itani ngowendowe ya nomboro.



malo



Khalarani zwitendeledzi ni khou ralo u zwi vhala.



Teacher:

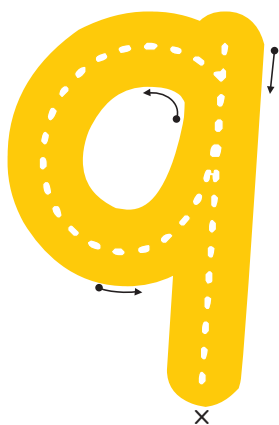
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Date:



Olani mbilu dza tahe tshibulokoni.

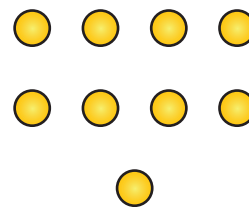
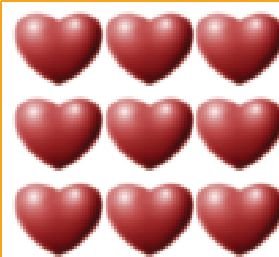
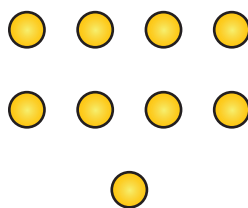
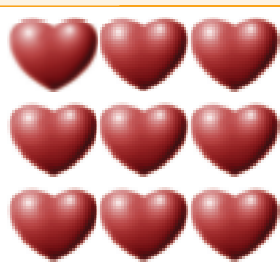
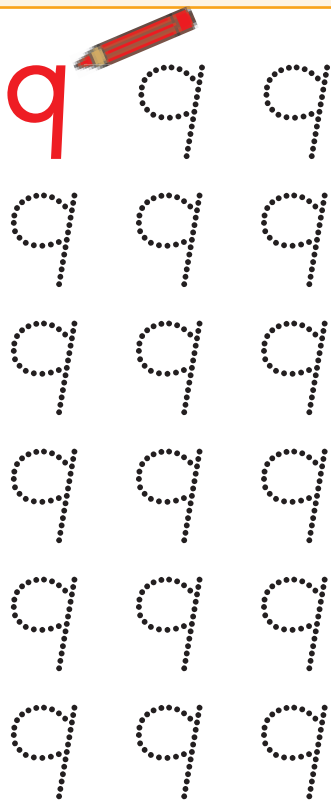
Tahe



Tovhedzelani nomboro.

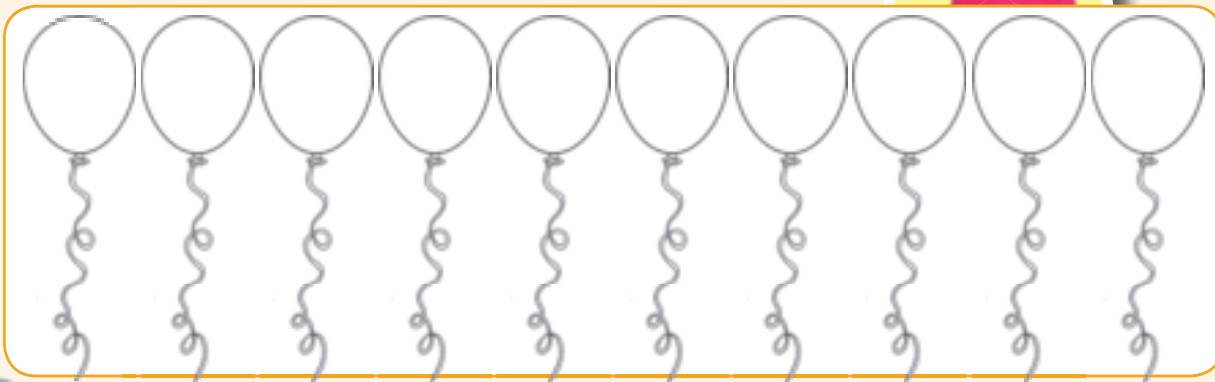


Livhanyani zwifanyiso.

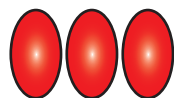




Khālarani mabāloni a t̥ahe.



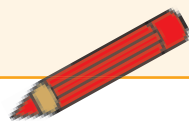
Kopani ni ole zwinwe haf̥hu zwa t̥ahe.



Itani ngowendowe ya nomboro.



t̥ahe

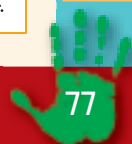


Khālarani thiraingele ni khou ralo u dzi vhala.



Teacher:
Sign:

Date:



11

12

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14

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16

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77



Zwo dala kana a hu na tshithu

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

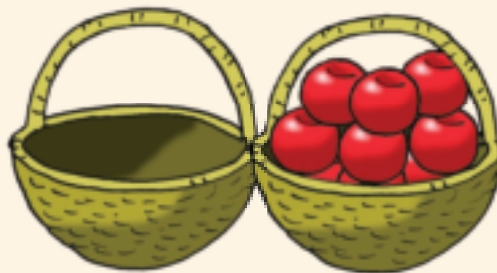


a tshi na
tshithu

tsho dala

a tshi na
tshithu

tsho dala

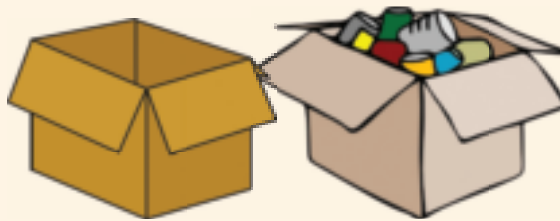


a tshi na
tshithu

tsho dala

a tshi na
tshithu

tsho dala



a tshi na
tshithu

tsho dala

a tshi na
tshithu

tsho dala



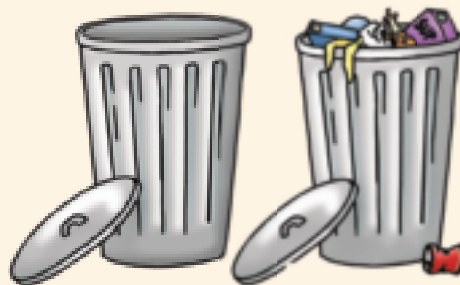
a tshi na
tshithu

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

zwo dala

a zwi na
tshithu



a tshi na
tshithu

tsho dala

a tshi na
tshithu

tsho dala



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

a hu na
tshithu

dala



a hu na tshithu

dala

a hu na tshithu

dala

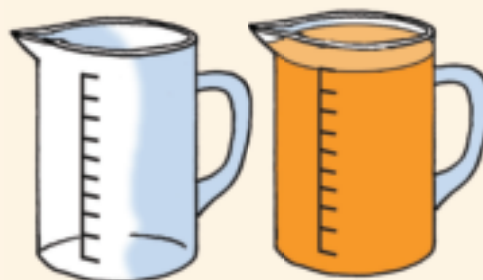


a hu na tshithu

dala

a hu na tshithu

dala

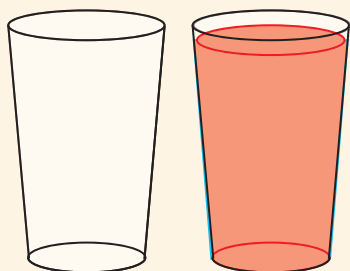


a hu na tshithu

dala

a hu na tshithu

dala



a hu na tshithu

dala

a hu na tshithu

dala

E



a hu na tshithu

dala

a hu na tshithu

dala



Teacher:
Sign:

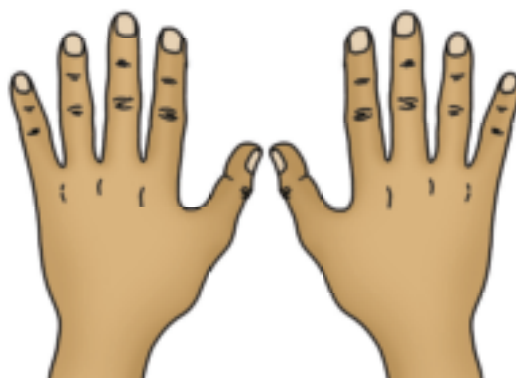
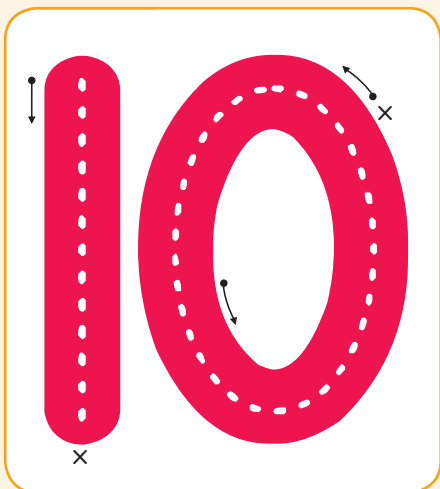
Date:



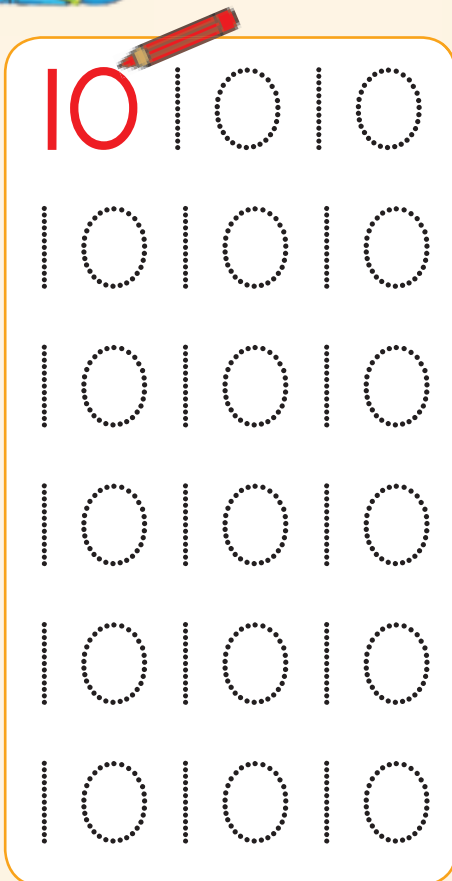
Fumi



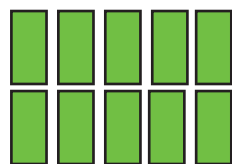
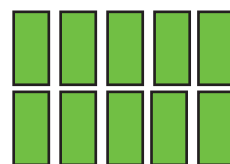
Vhalani minwe i re kha zwanda vhuvhili hazwo.



Tovhedzelani nomboro.



Livhanyani zwifanyiso.





Khalarani mitsshelo ya zwa fumi.



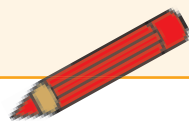
Kopani ni ole zwi zwinzhi nga zwa fumi.



Itani ngowendowe ya nomboro.

10

fumi



10

10

10



Khalarani rekithiengele ni khou ralo u dzi vhalo.



Teacher:
Sign:

Date:

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81



Nomboro 1 u swika kha 10

Shumisani minwe yaṅu 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
	9	9
	10	10





U n̄wala nomboro 6 u swika kha 10

Itani ndondowe ya u n̄wala nomboro idzi.



6

rathi

6

6

6

6



7

sumbe

7

7



8

malo

8

8



9

yahe

9

9



10

fumi

10

10



Teacher:
Sign:
Date:



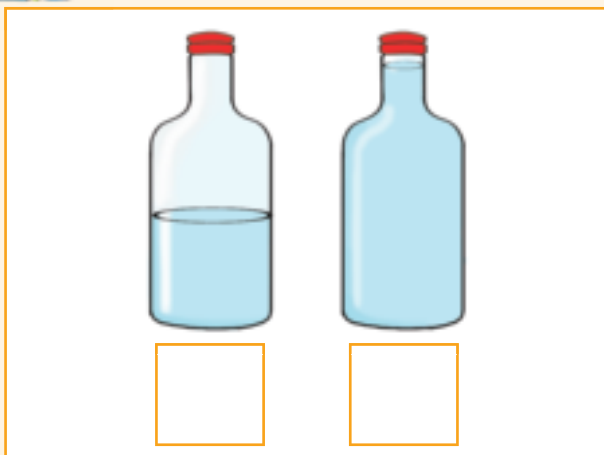


Khaphasithi na volumu

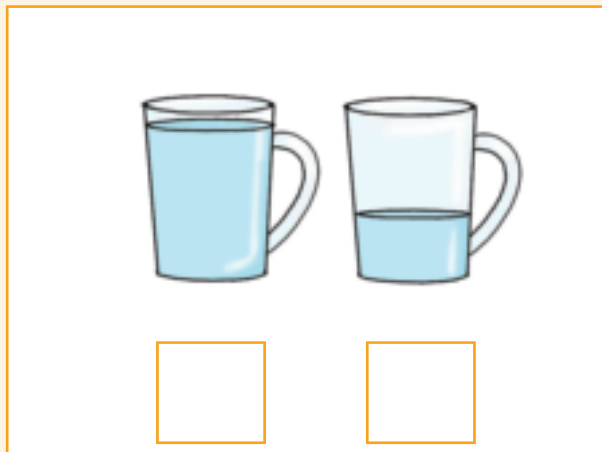
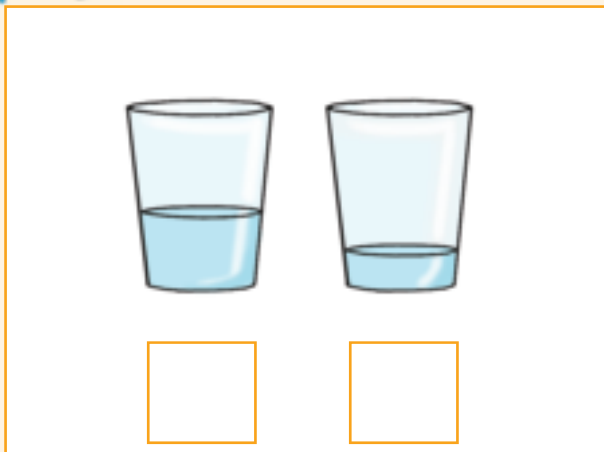
Olani ni tshi sumbedza magi manzhi kha tshifaredzi tshi re kha tshanda tsha u la.



Itani thiki kha tshifaredzi tshi no fara zwinzhi.

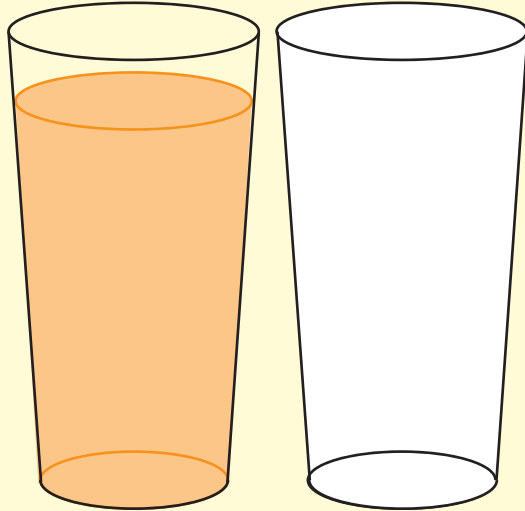


Itani thiki kha tshifaredzi dzi no fara zwiṭuku.

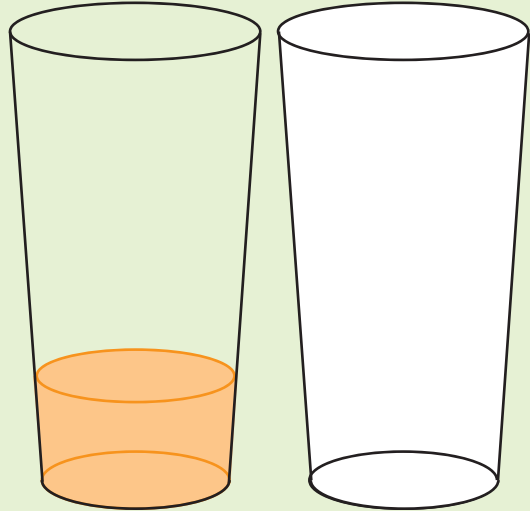




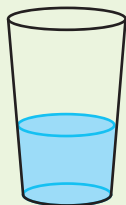
Khalarani ngilasi ya vuvhili u itela uri i vhe na dzusi tshukhu kha i re ngilasini ya u thoma.



Khalarani ngilasi ya vuvhili u itela uri i vhe na dzusi nnzhi kha i re ngilasini ya u thoma.



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



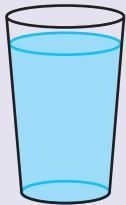
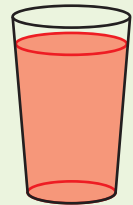
Ngilasi ya lutombo i na

zwinzhi
kha

zwiṭuku
kha

zwi no
lingana
na

zwa ngilasi tswuku.



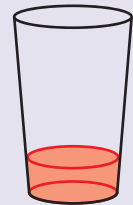
Ngilasi ya lutombo i na

zwinzhi
kha

zwiṭuku
kha

zwi no
lingana
na

zwa ngilasi tswuku.



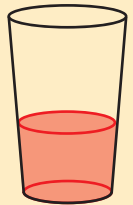
Ngilasi ya lutombo i na

zwinzhi
kha

zwiṭuku
kha

zwi no
lingana
na

zwa ngilasi tswuku.



zwinzhi kha

zwiṭuku kha

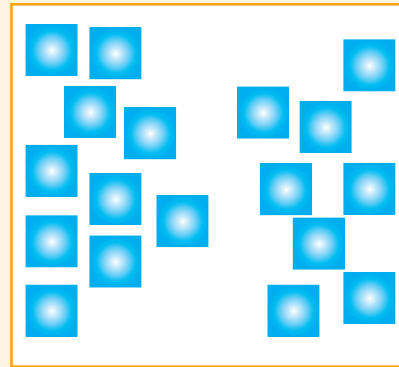
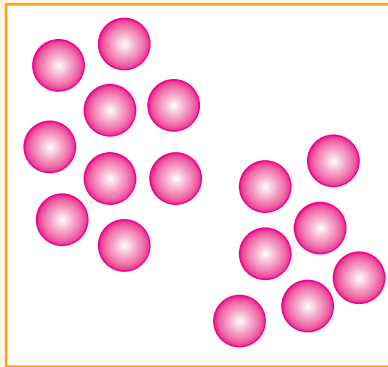
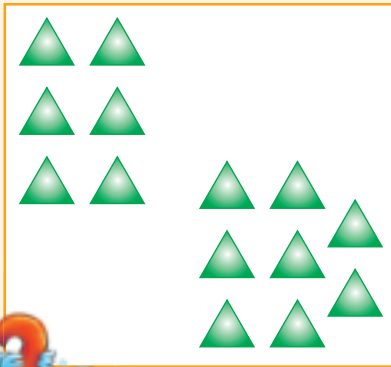
Teacher:
Sign:

Date:

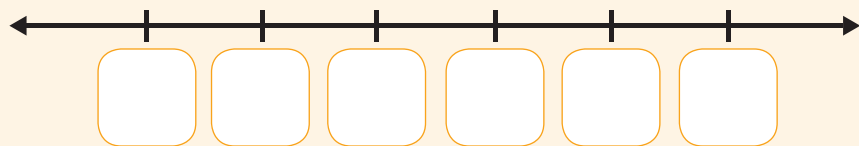
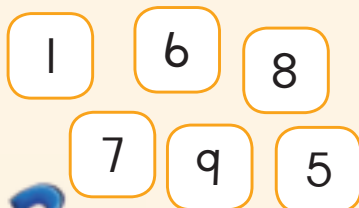
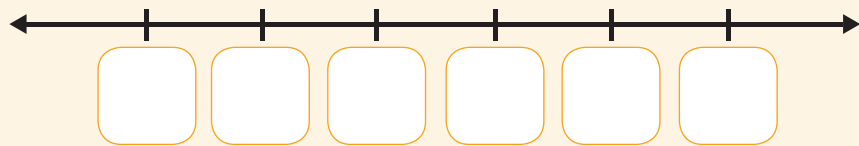
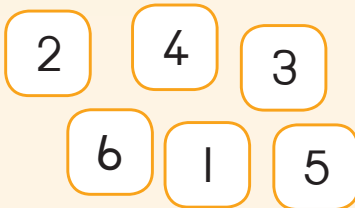
Nomboro 1 u swika kha 10



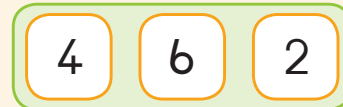
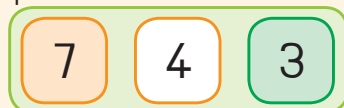
Tshibulokoni tshiñwe na tshiñwe, tangedzelani tshigwada tshi re na zwiwumbo zwiṭuku.



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



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



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

Nnzhi kha 5 nga nthihi.

Ṭhukhu kha 5 nga nthihi.

Nnzhi kha 6 nga mbili.

Ṭhukhu kha 7 nga mbili.

Mutalo wa malungu



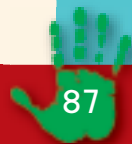
Dzhenisani nomboro i no khou tshela.

10 number lines for counting practice:

- Line 1: 1 (with pencil), 2, 3, 4, 5, 6, 7, 8, 9, 10
- Line 2: 1, 2, 3, (), 5, 6, 7, 8, 9, 10
- Line 3: 1, 2, 3, (), (), 6, 7, 8, 9, 10
- Line 4: 1, 2, (), 4, 5, 6, (), 8, (), 10
- Line 5: 1, 2, 3, (), 5, 6, 7, (), (), 10
- Line 6: (), 2, (), 4, 5, (), 7, 8, (), 10
- Line 7: 1, (), 3, 4, 5, 6, 7, (), 9, ()
- Line 8: (), (), (), (), (), (), (), (), (), ()
- Line 9: 10, 9, 8, 7, 6, 5, (), (), (), ()



Teacher:
Sign:
Date:





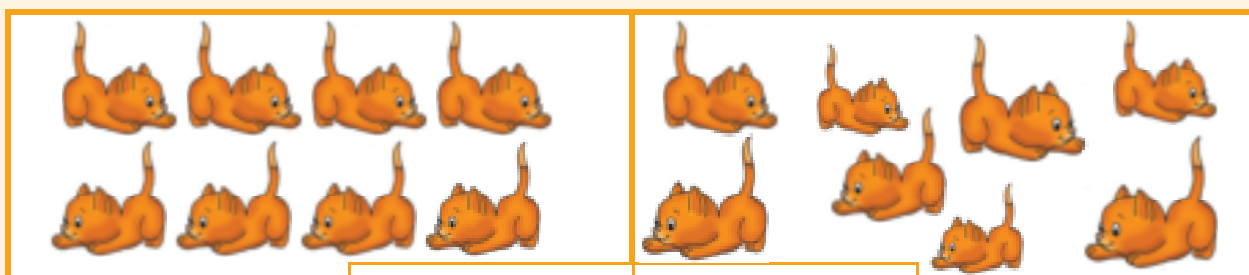
Zwi no paḁa, zwi no lingana na zwiṭuku

Livhanyani zwithu zwi re kha tsha monde na zwithu zwi re kha tsha uḁa.
Khaḁarani phindulo yone.



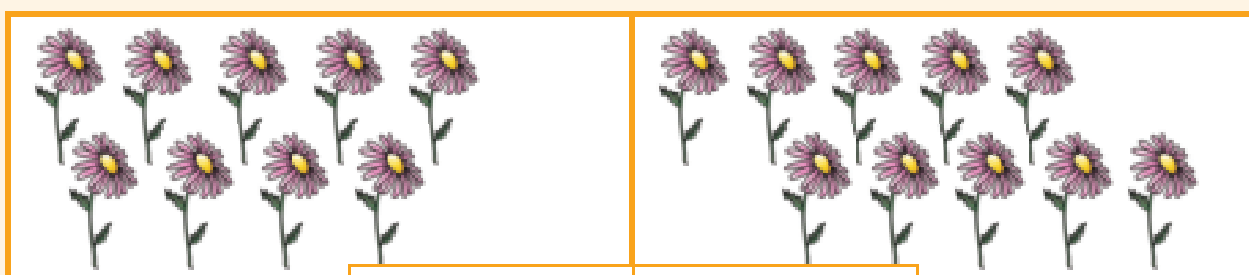
zwi a lingana

a zwi lingana



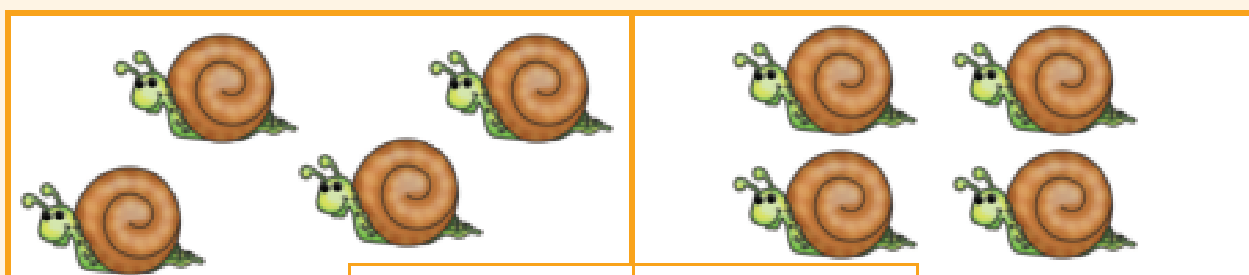
zwi a lingana

a zwi lingana



zwi a lingana

a zwi lingana

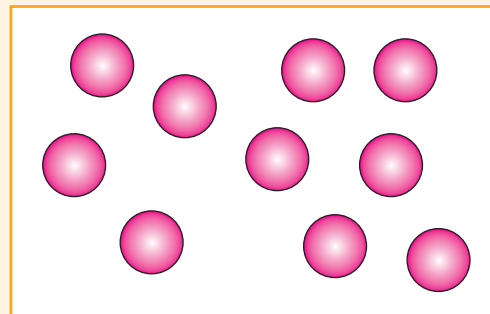
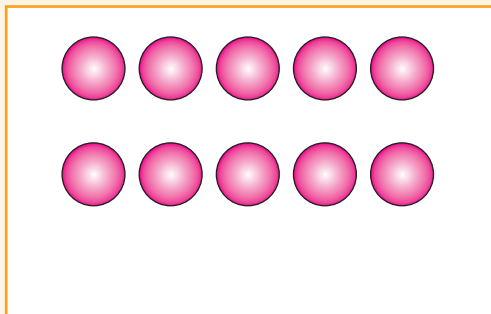


zwi a lingana

a zwi lingana



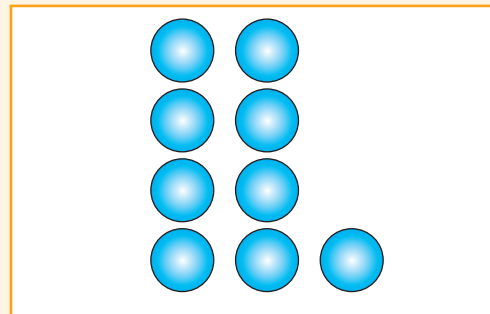
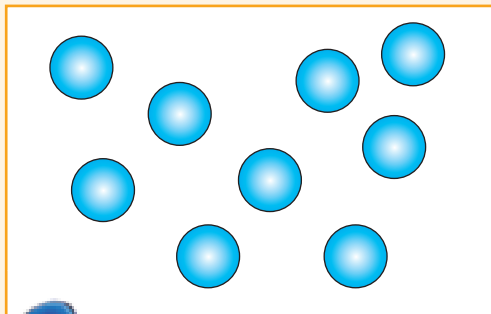
Bulani uri tshibuloko tsha vhuvhili tshi na zwithu zwinzhi kha, zwiṭuku kha, kana zwi no lingana na zwa tshibuloko tsha u thoma. Khaḽarani phindulo yone.



zwinzhi

zwi no
lingana

zwiṭuku



zwinzhi

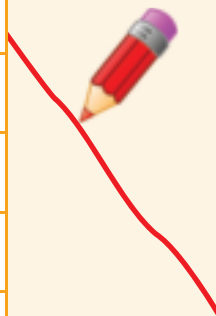
zwi no
lingana

zwiṭuku



Livhanyani zwithu na nomboro.

1
2
3
4
5
6
7
8
9
10



6
2
4
8
1
7
9
3
5
10



Teacher:
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Date:

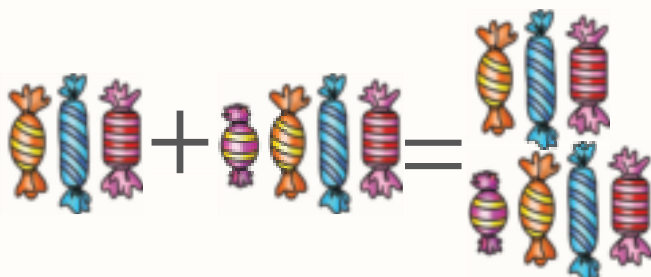


U ṭanganya mạlegere

Ṭanganyani mạlegere ni dzhenise phindulo.



$$2 + 3 = 5$$



$$3 + 4 =$$



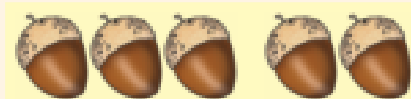
Ṭanganyani nomboro.



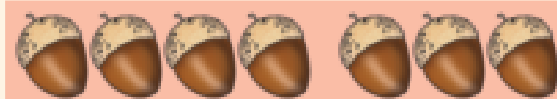
$$5 + 1 = 6$$



$$5 + 0 =$$



$$3 + 2 =$$



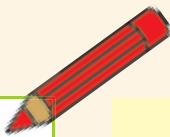
$$4 + 3 =$$





Edzisaní hezwi.

$$3 + 6 = 9$$



$$1 + 1 = \square$$

$$4 + 0 = 4$$

$$0 + 7 = \square$$

$$0 + 5 = 5$$

$$3 + 2 = \square$$

$$6 + 0 = \square$$

$$5 + 3 = \square$$

$$2 + 2 = \square$$

$$7 + 2 = \square$$

$$1 + 3 = \square$$

$$4 + 4 = \square$$

$$2 + 5 = \square$$

$$5 + 1 = \square$$

$$5 + 0 = \square$$

$$4 + 3 = \square$$

$$1 + 8 = \square$$

$$2 + 6 = \square$$

$$4 + 2 = \square$$

$$8 + 2 = \square$$



Teacher:

Sign:

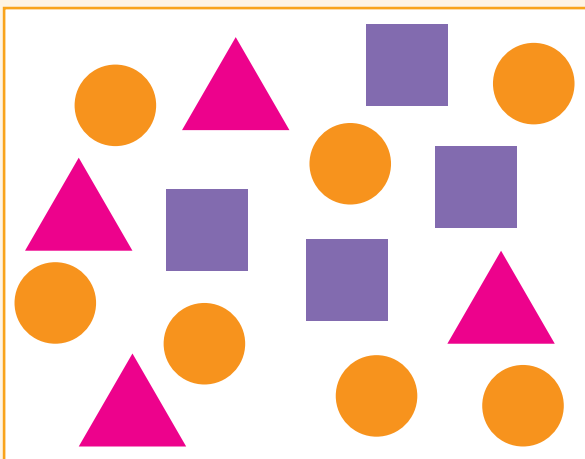
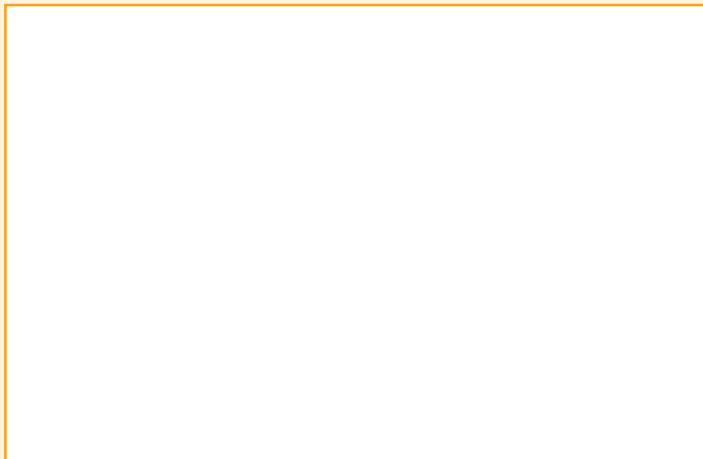
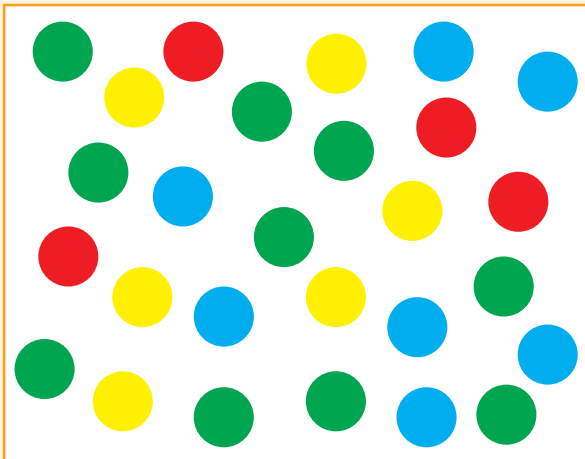
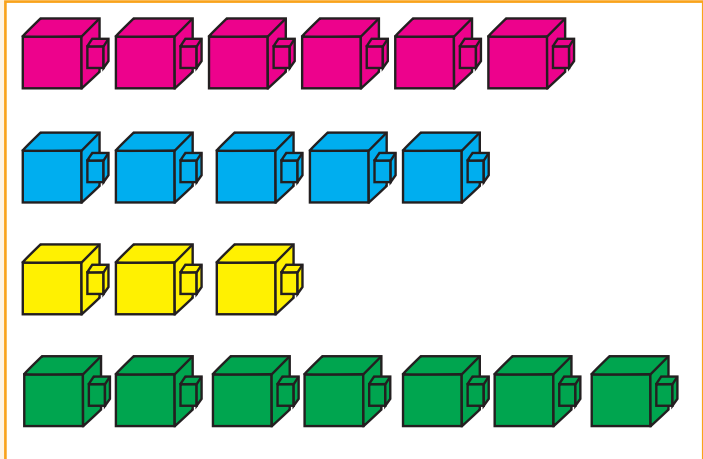
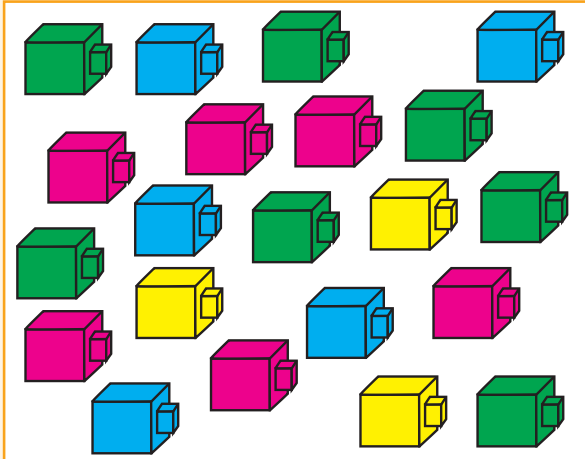
Date:





U kuvhanganya na u vhekanya

Vhekanyani ni ole miolo ya zwo kuvhanganywaho zwe zwa vhekanywa.





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



Hu na matłari mangana a **mutada**?

Hu na matłari mangana a **tshitopana**?

Hu na matłari mangana **madala**?



Teacher:
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Date:



Olani tshifanyiso ni n'wale fhungombalo la tshifanyiso tshiñwe na tshiñwe.

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

Sarah u na maḽegere a 3. Sipho u na maḽegere a 2. Vha na maḽegere mangana o ṭangana oṯhe?



Kha ri vhale:

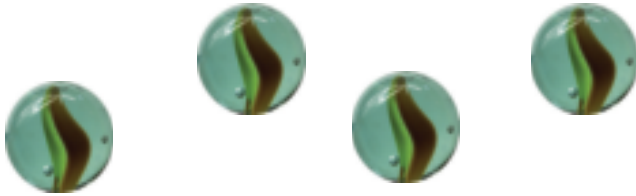
3

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 zwiṯanu (zwa 5). Ha mbo swika zwiñwe zwi vhili. Hu na zwisusu zwingana?



Kha ri vhale:

5

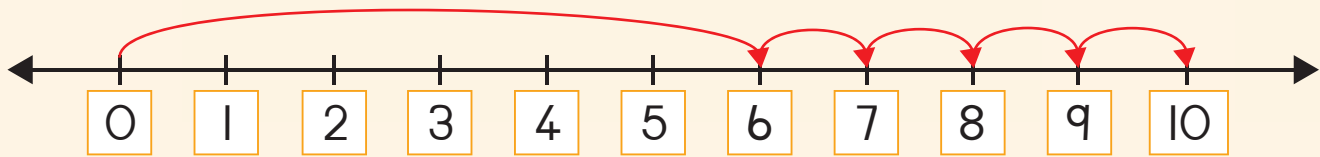
6

7

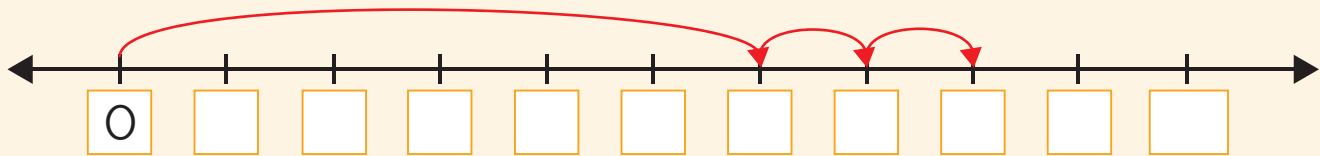
$$\boxed{} - \boxed{} = \boxed{}$$



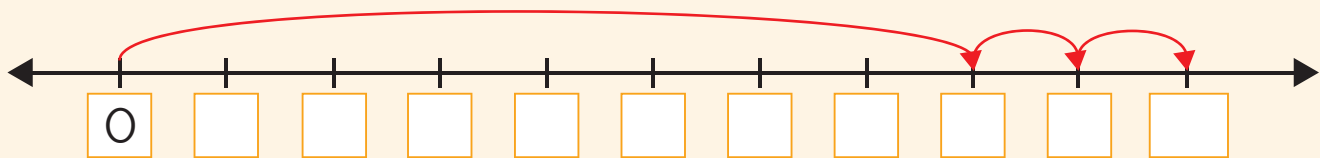
Nwalani nomboro kha mutalombalo ni kone u riwala f'hungombalo la mutalombalo muñwe na muñwe.



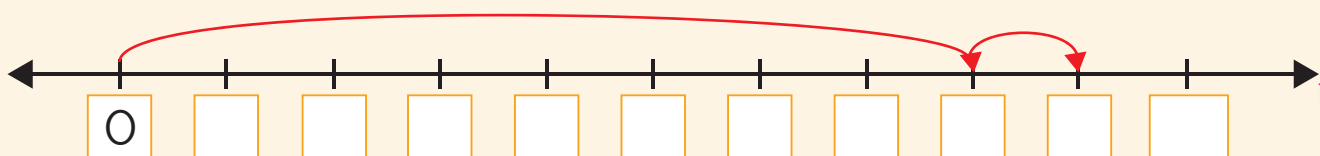
$$6 + 4 = \square$$



$$\square + \square = \square$$



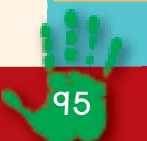
$$\square + \square = \square$$



$$\square + \square = \square$$



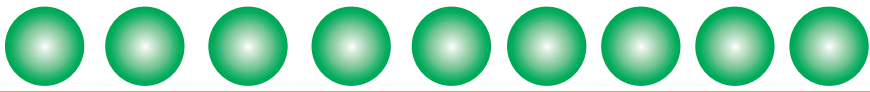
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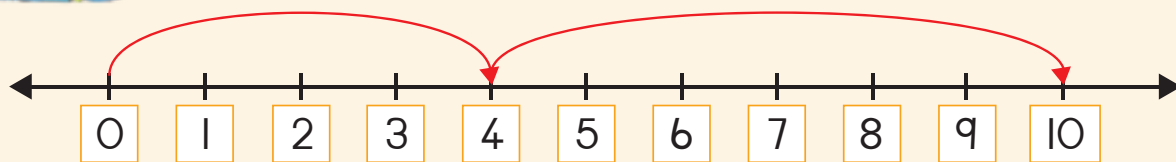
Mutanganyo: u fhaṭa na u paḍukanya u swika kha 10

Khaḷarani ni tshi sumbedza zwi tevhelaho.

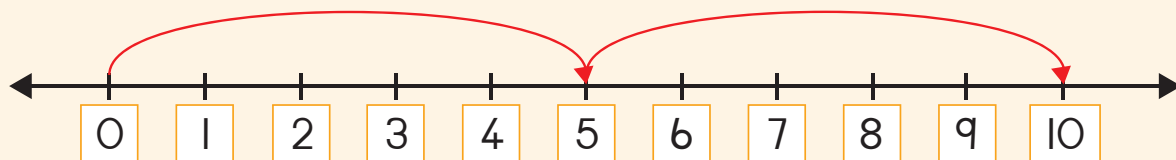
$1 + 9$	 
$2 + 8$	 
$3 + 7$	 
$4 + 6$	 
$5 + 5$	 



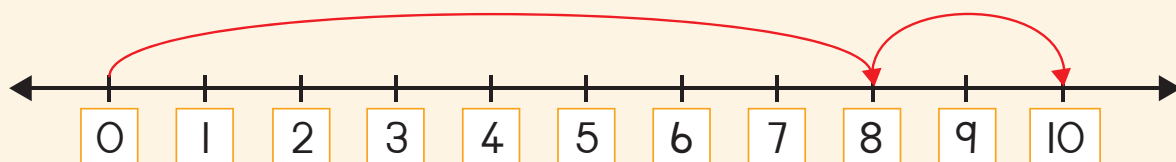
Nwalani mbalo ya:



$$4 + 6 = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$





Shumisani zwivhalo zwa maluvha kha u vhumba mutalombalo waṅu inwi muṅe.



$$\square + \square + \square = \square$$



$$\square + \square + \square = \square$$



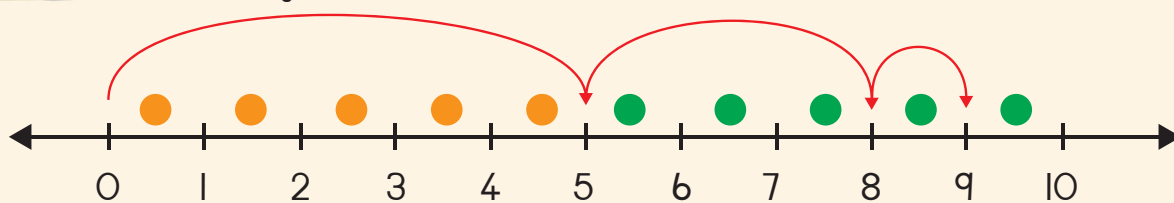
$$\square + \square + \square = \square$$



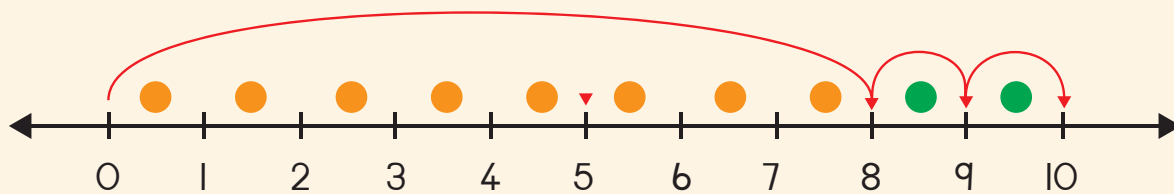
$$\square + \square + \square = \square$$



Nwalani mbalo ya:



$$\square + \square + \square = \square$$



$$\square + \square + \square = \square$$



Teacher:
Sign:
Date:





Fhindulani zwi tevhelaho.

U inga kavhili na u hafula

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?

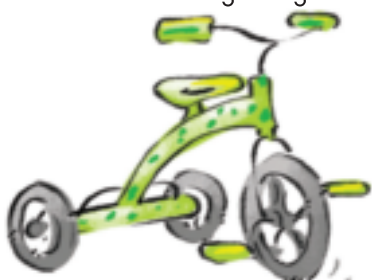


Ni kona u vhona milenzhe mingana zwino?



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?

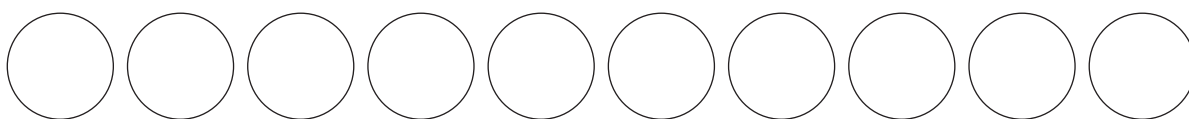


Ri ri nyingakavhili ya 5 ndi 10.
Hafu ya 10 i do vha mini?



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 yotlhe?
Khalarani nomboro yone ya mimavhulu.


 + =


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:
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Date:



11

12

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48a

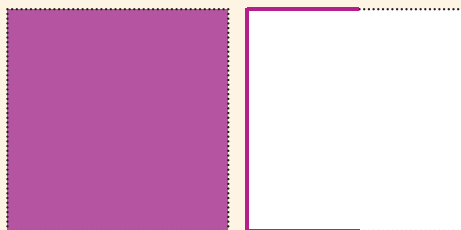
Themo ya 2



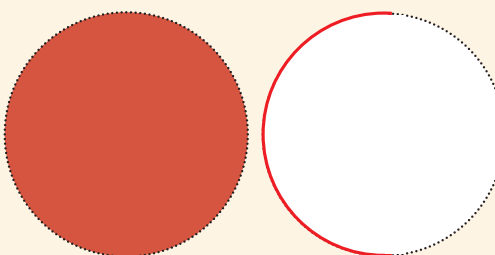
Fhedzisani zwifanyiso izwi.

Zwivhumbeo

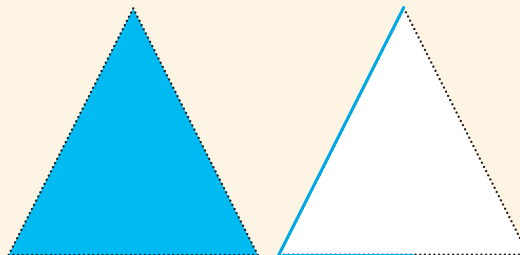
tshikwea



tshitendeledzi



thiraiengele



rekithiengele



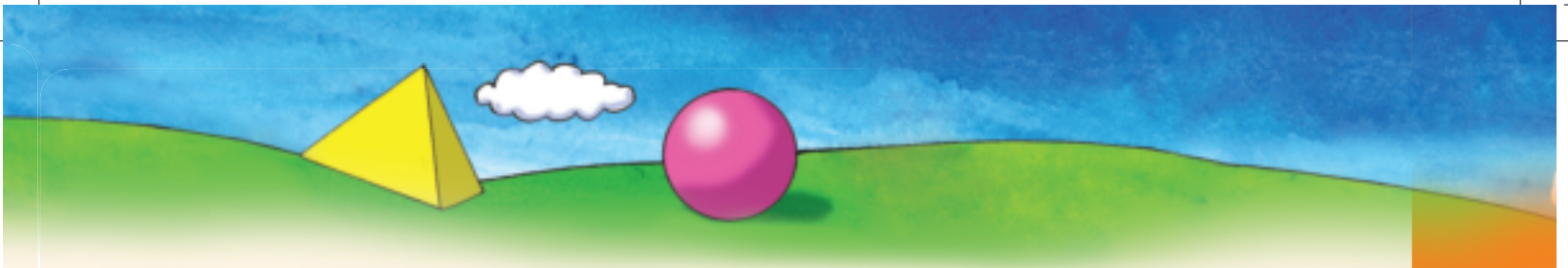
Shumisani zwivhumbeo zwiṇa zwi re afho nṭha kha u ola tshifanyiso. Ni nga shumisa zwivhumbeo lu no fhira luthihi.



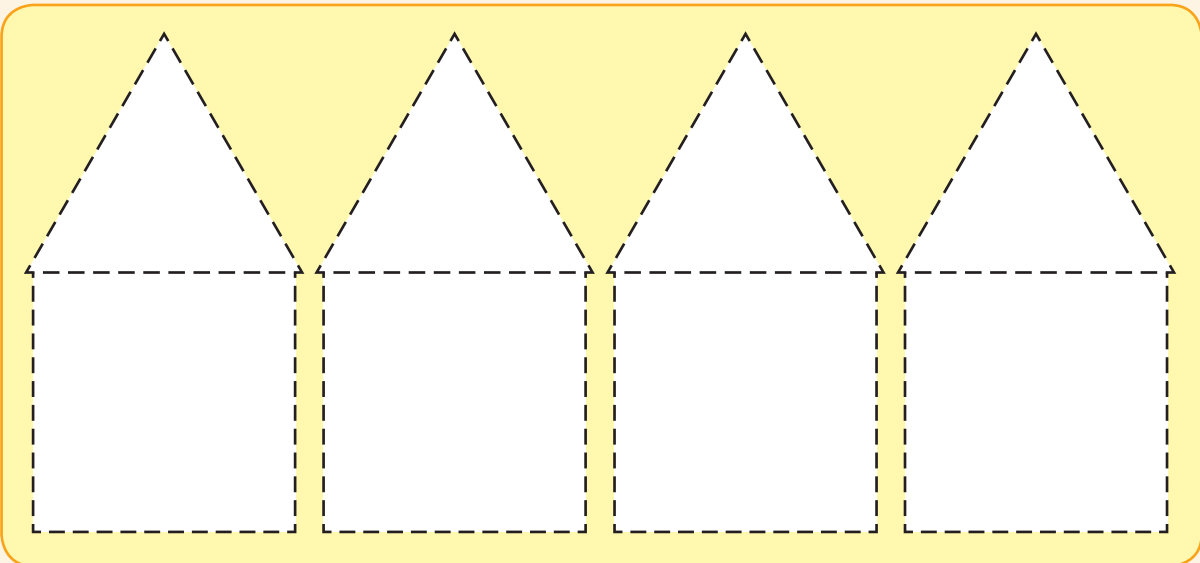
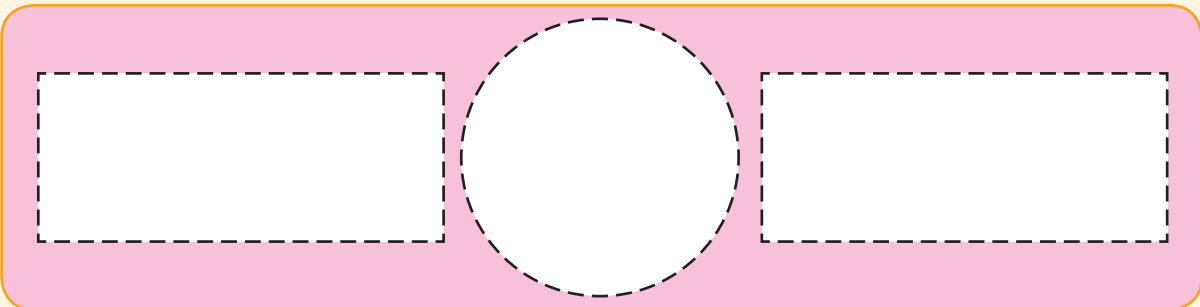
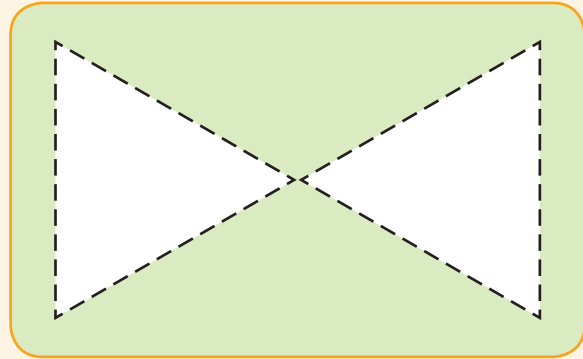
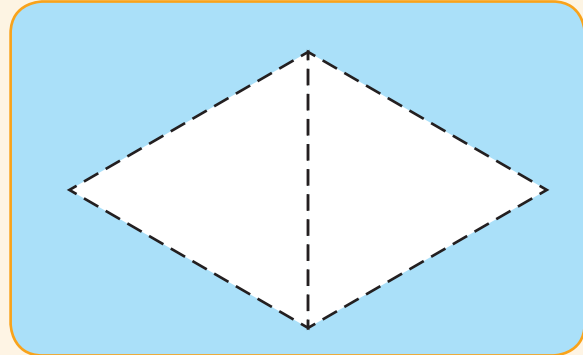
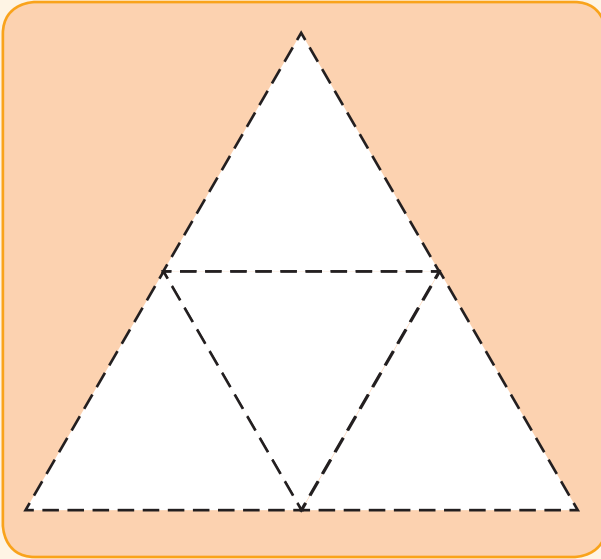
100

1 2 3 4 5 6 7 8 9 10





Shumisani zwivhumbeo zwa u
gera kha u vhumba zwivhumbeo
izwi.



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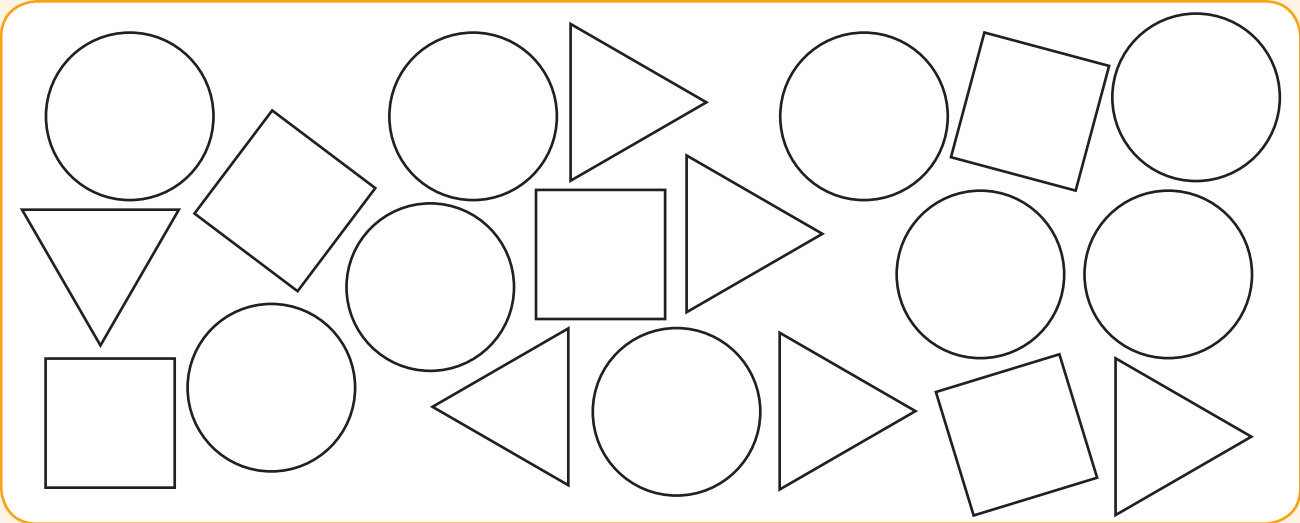
48b

Themo ya 2



Zwivhumbeo zwiṁwe hafʼhu zwa 2-D

Vhekanyani zwivhumbeo ni ite muolo wa zwe na vhekanya.



Thiraiengele

Tshitendeledzi

Tshikwea

Hu na thiraiengele nngana?

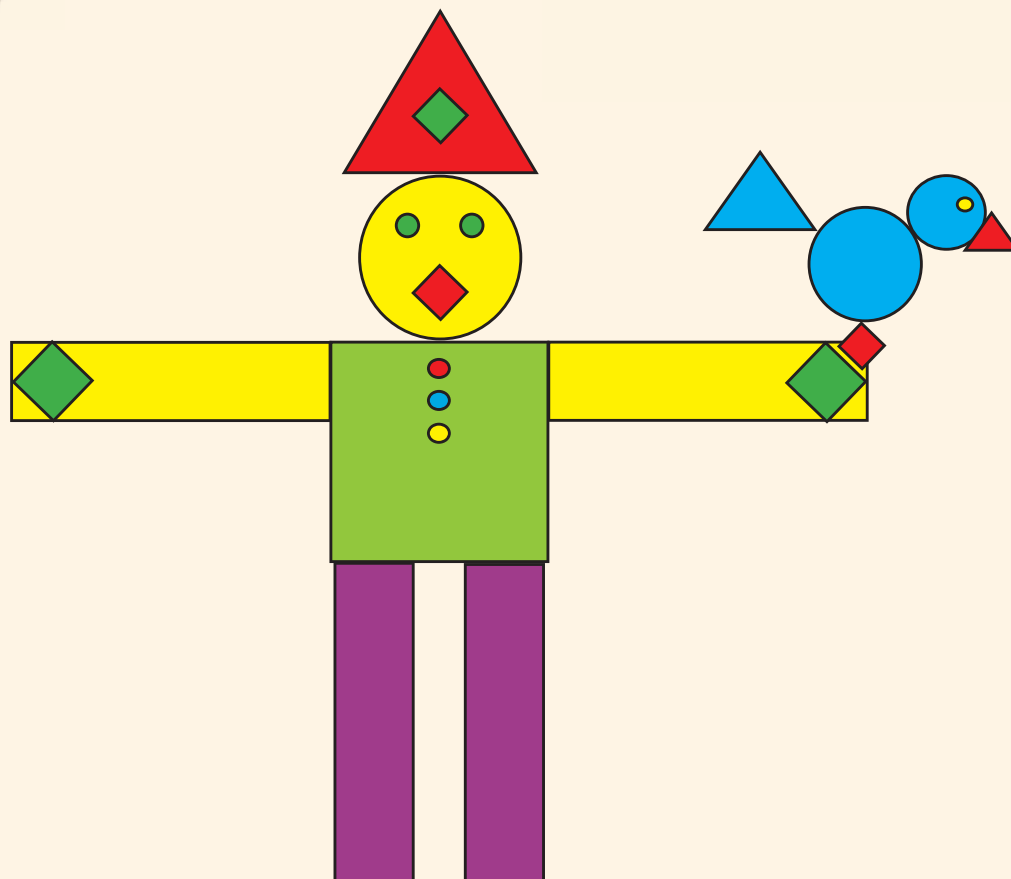
Hu na zwitendeledzi zwingana?

Hu na zwikwe zwingana?



Wanani zwivhumbeo

Wanani zwivhumbeo zwo fhambanaho ni zwi vhale.



	Ni nga kona u wana zwikwea zwingana?	
	Ni nga kona u wana zwitendeledzi zwingana?	
	Ni nga kona u wana thiraiengele nngana?	
	Ni nga kona u wana rekithiengele nngana?	



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Date:



Zwigwada zwa 2 u swika kha 10

Fhindulani mbudziso idzi:



Ni kona u vhona vhana vhangana?

Ni kona u vhona milenzhe mingana?

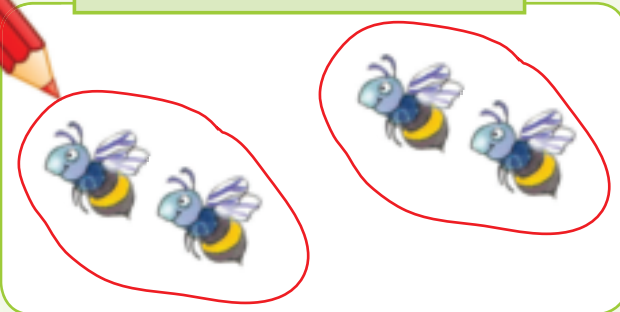
Nwalani mbalo ya phere dza milenzhe.

$$2 + 2 + 2 =$$

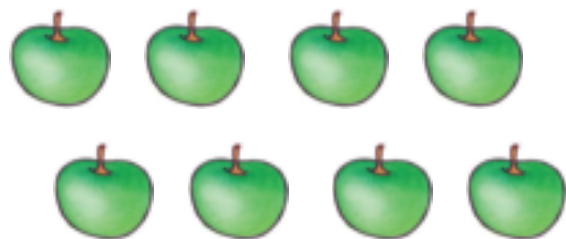


Itani zwitendeledzi u mona na zwitevh zwi tevhelaho eleho uri ni ite:

zwigwada zwa 2 zwa ya 2



zwigwada zwa 4 zwa ya 2





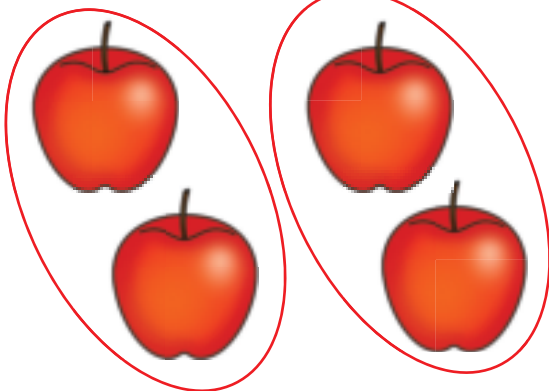
zwigwada zwa 5 zwa ya 2



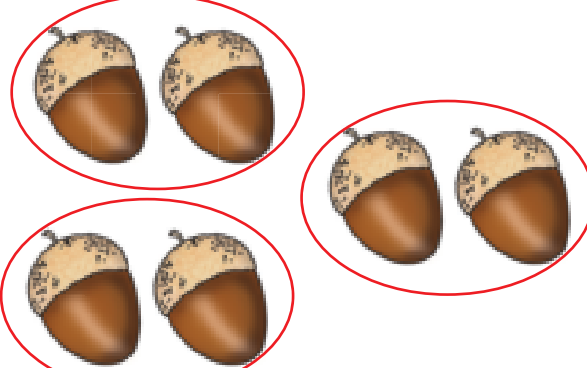
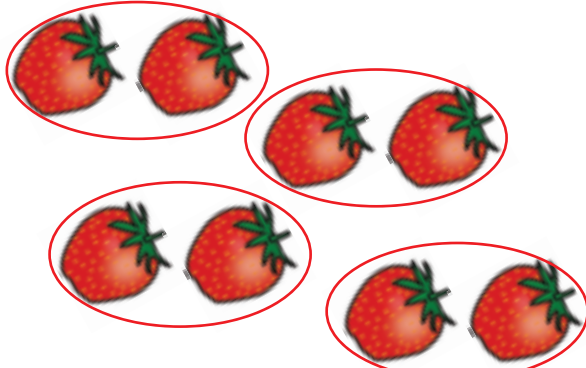
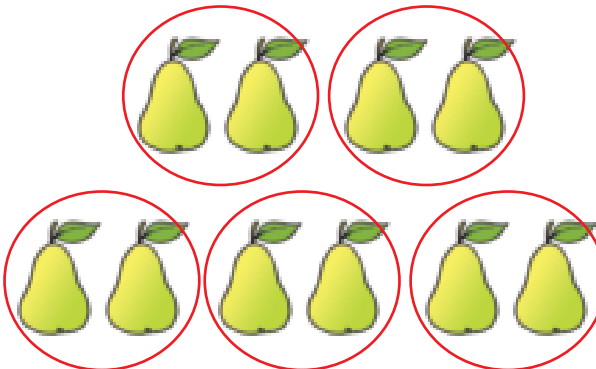
zwigwada zwa 3 zwa ya 2



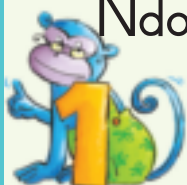
Nwalani mbalo ya zwi tevhelaho:



2 + 2 =



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Date:



Ndovhololo ya mutanganyo wa mbili u swika kha 10

Hu na milenzhe mingana? Nwalani mbalo yazwo.



$$2 + 2 + 2 = 6$$



Rekanyani ni ite muolo.

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

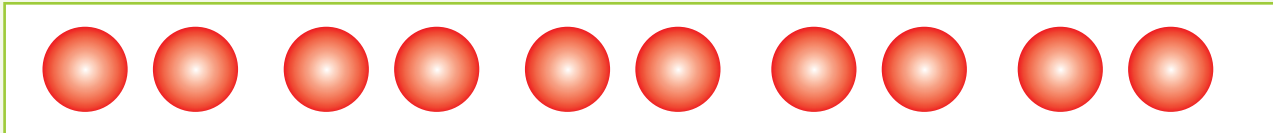
$$\boxed{2} + \boxed{2} + \boxed{2} = \boxed{}$$

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

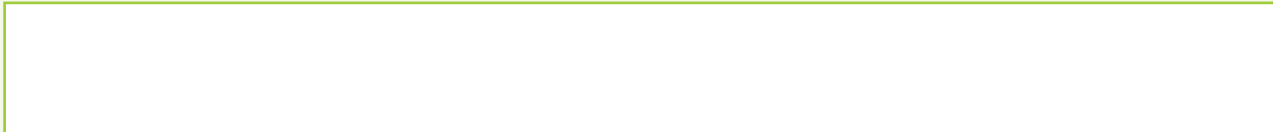
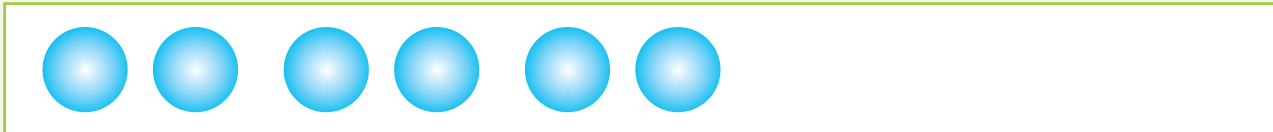
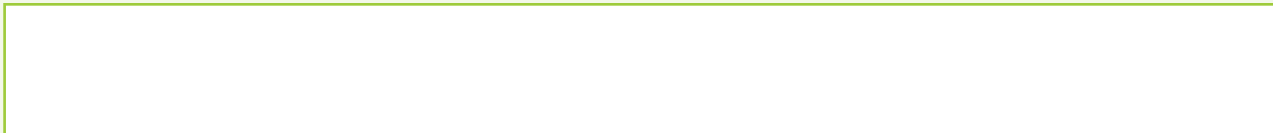
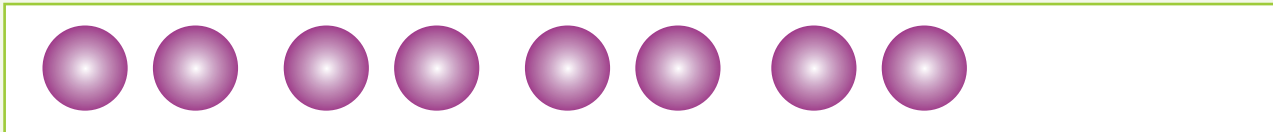
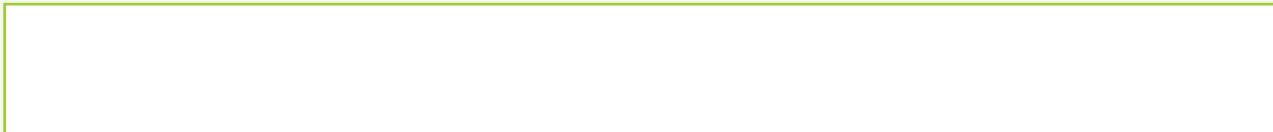
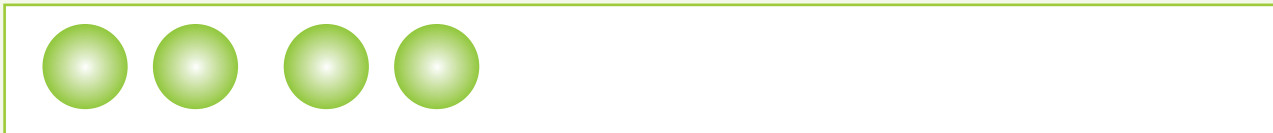
$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{}$$



Nwalani mbalo ya:



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



Vhalani nomboro idzi nga mbilimbili ni khalare mbili dzotlhe.

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



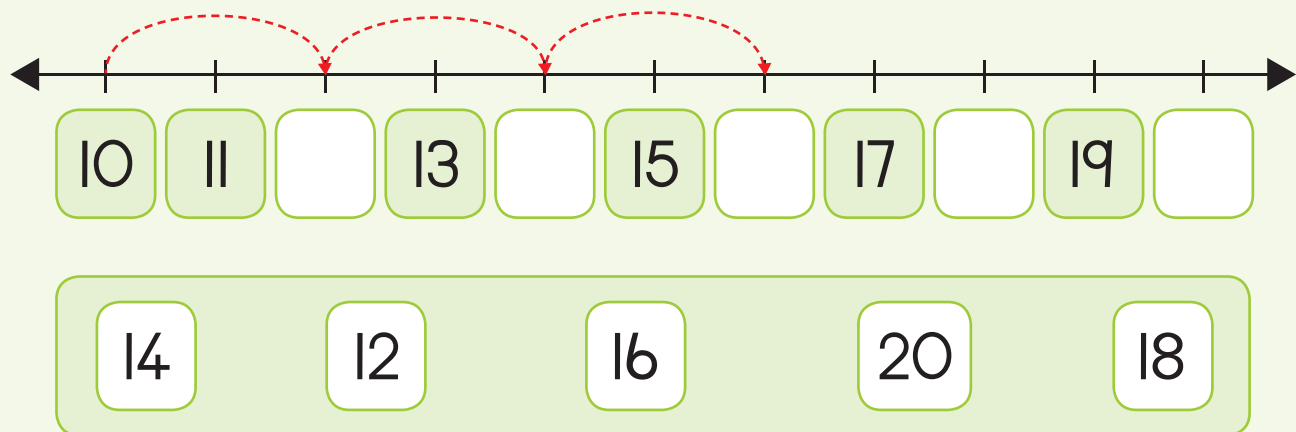
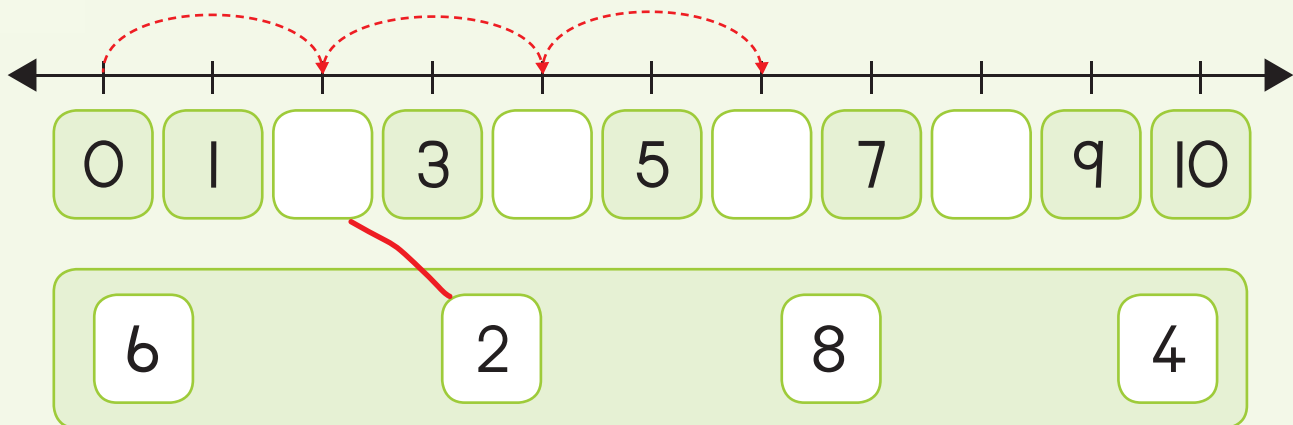
Teacher:
Sign:
Date:





Phetheni dza 2 u swika kha 20

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

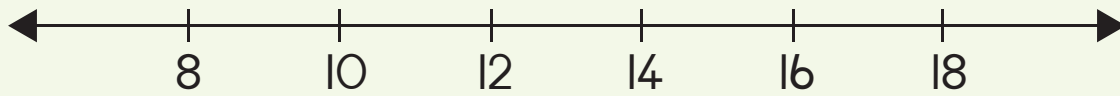
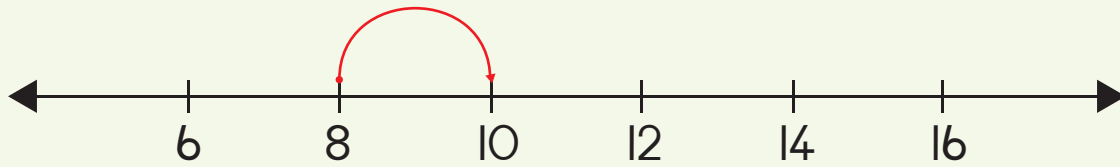


Fhedzisani phetheni nga u khalara nomboro.

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



Olani mithamuwo ni tshi sumbedza zwi tevhelaho.



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Date:





Zwigwada zwa raru u swika kha zwa fumi

Fhindulani mbudziso.



Ni kona u vhala miomva mingana?

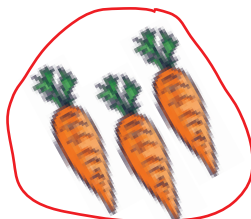
Hu na zwigwada zwingana?

I nwaleni sa mutalombalo.



Itani zwitendeledzi u mona na zwitevheleho uri ni ite:

zwigwada zwa 2 zwa dza 3



zwigwada zwa 3 zwa dza 3

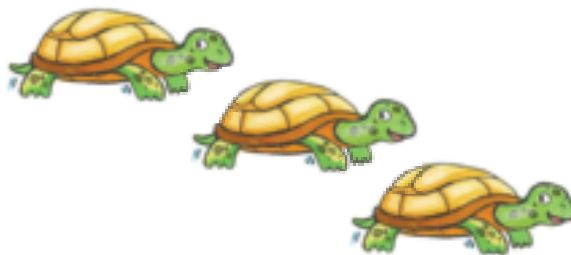




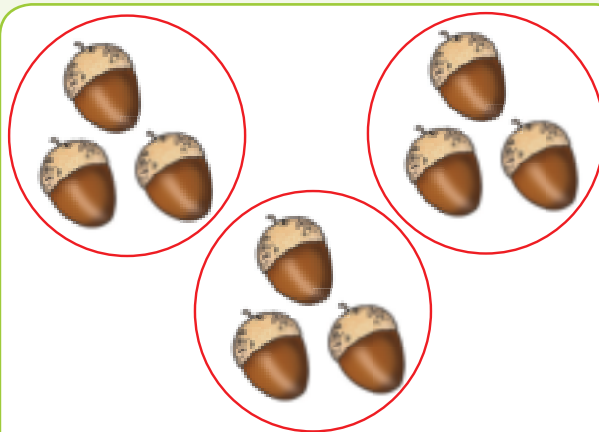
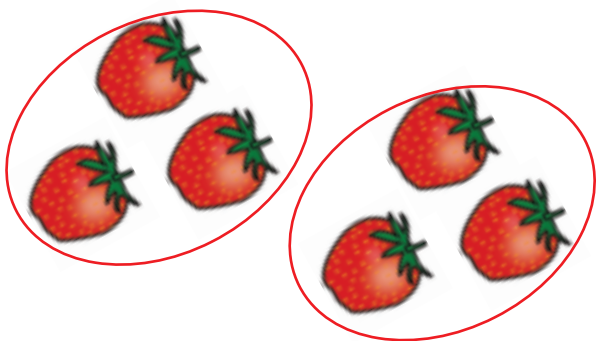
zwigwada zwa 4 zwa dza 3



tshigwada tsha 1 tsha zwa 3



Nwalani fhungombalo la zwi tevhelaho:



Olani zwigwada zwa 2 zwa 3.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20





Hu na milinga mingana? I nwaleni sa mbalo.











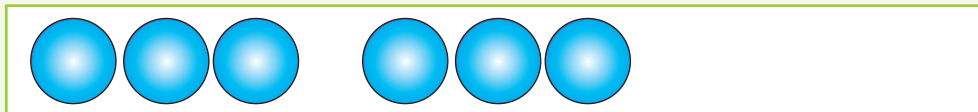
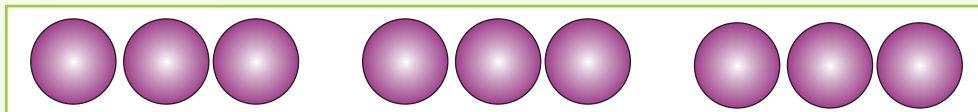
Olani zwivhumbeo ni tshi sumbedza zwi tevhelaho.

$$3 + 3 = \square$$

$$3 + 3 + 3 = \square$$



I nwaleni sa mbalo:



Ndo renga maluvha mangana makete?



Mbalo.



Teacher:
Sign:

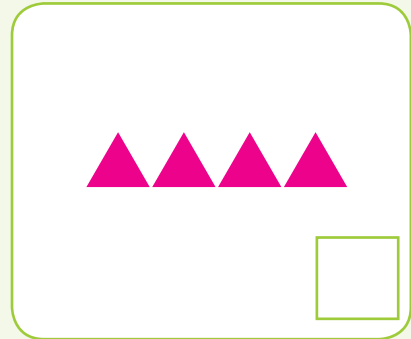
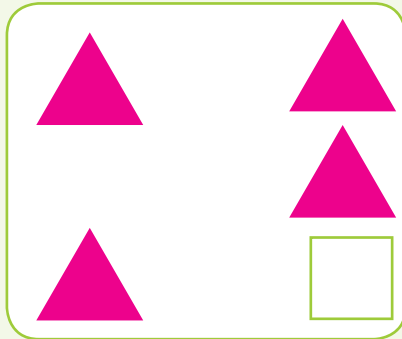
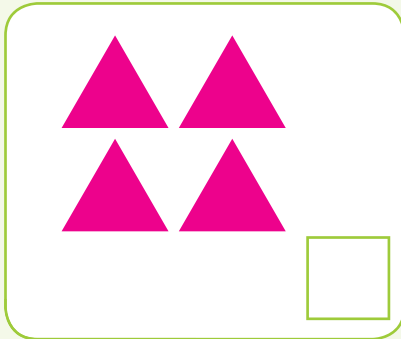
Date:





Zwigwada zwa n̄a u swika kha fumi

Vhalani zwivhumbeo ni n̄wale nomboro.



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



$$4 + 4 = 8$$









Olani zwivhumbeo u mona na zwi tevhelaho uri ni ite:

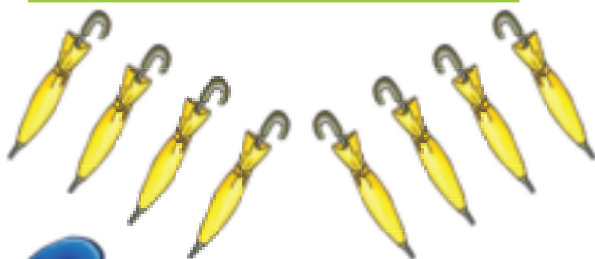
zwigwada zwa 2 zwa dza 4



tshigwada tsha 1 tsha dza 4



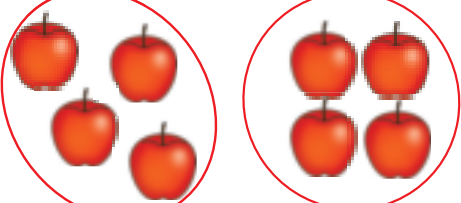
zwigwada zwa 4 zwa a 4



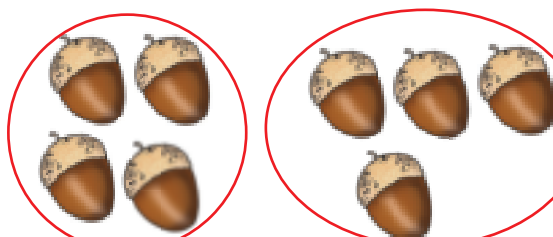
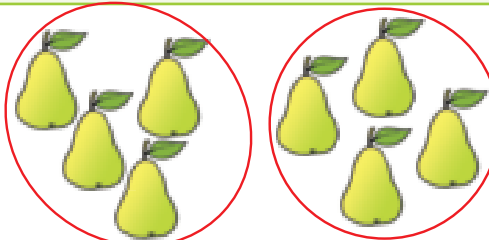
tshigwada tsha 1 tsha zwa 4



Nwalani mbalo ya zwi tevhelaho:



$$4 + 4 =$$



Teacher:
Sign:
Date:



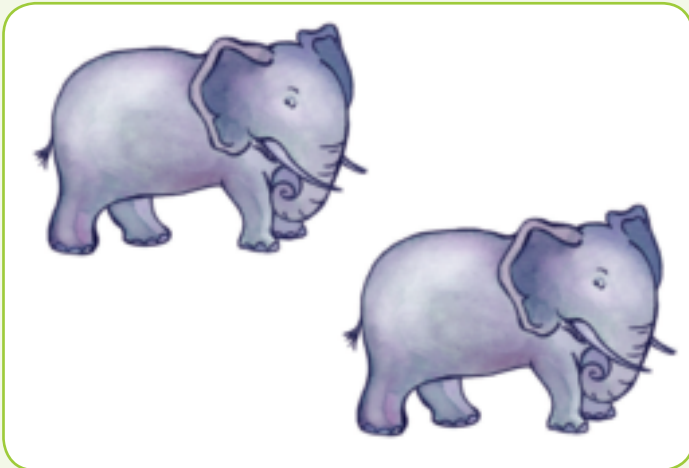
Ndovhololo ya mutangayo wa zwiṇa u swika kha zwa fumi



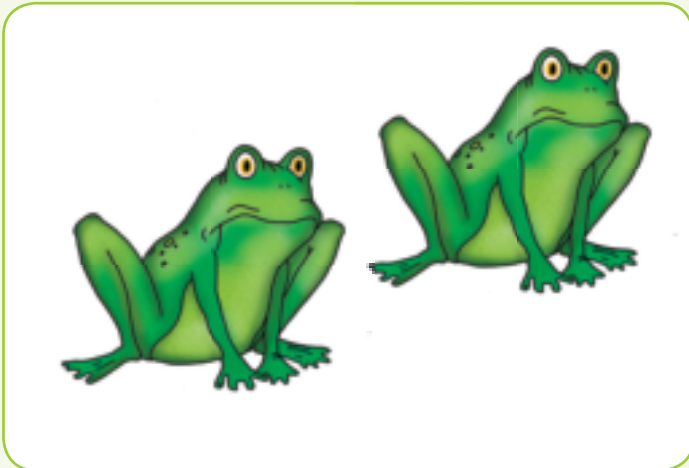
Hu na milenzhe mingana. Nwalani mbalo ya zwiṇwe na zwiṇwe.



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



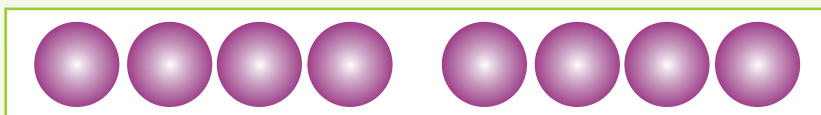


Olani zwivhumbeo ni tshi sumbedza zwi tevhelaho.

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



Nwalani mbalo ya:



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



Mbalo.



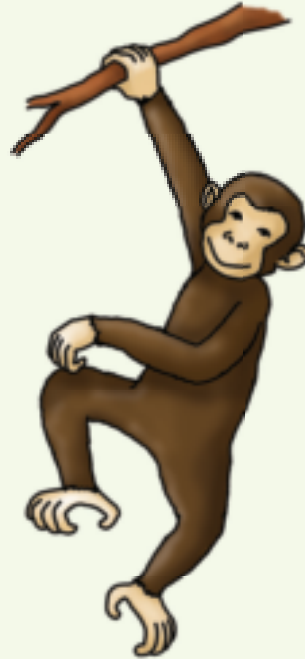
Teacher:
Sign:

Date:



Zwigwada zwa zwiṭanu u swika kha zwa fumi

Fhindulani mbudziso



Ni kona u vhona zwikunwe zwingana kha mulenzhe muṇwe na muṇwe?

Hu na zwikunwe zwingana zwo ṭangana zwoṭhe?

I ṇwaleni sa mbalo.

$$5 + 5 =$$



Itani zwitendeledzi u mona na zwitevheleho uri ni ite:

tshigwada tsha 1 tsha a 5



zwigwada zwa 2 zwa dza 5

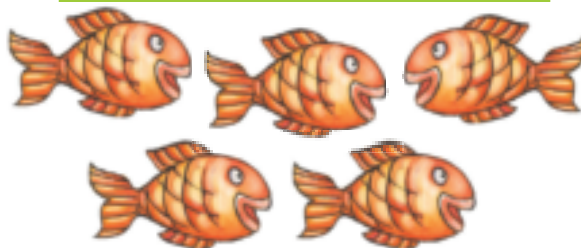




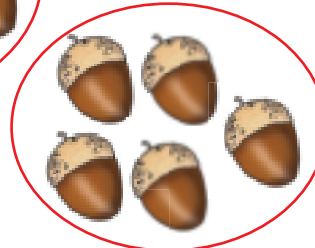
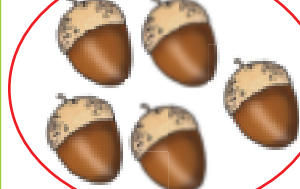
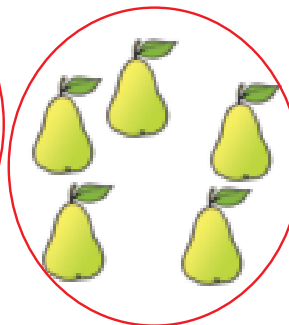
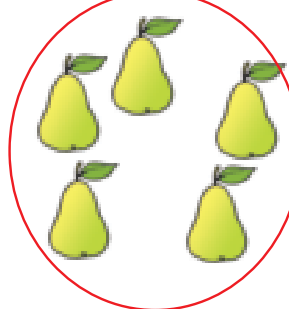
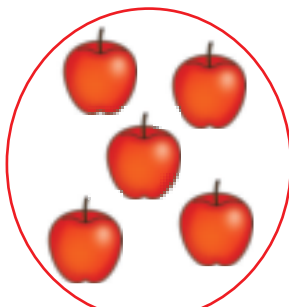
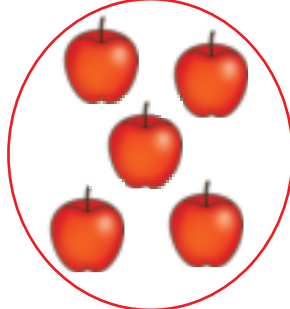
zwigwada zwa 2 zwa dza 5



tshigwada tsha 1 tsha a 5



Nwalani mbalo ya zwi tevhelaho:



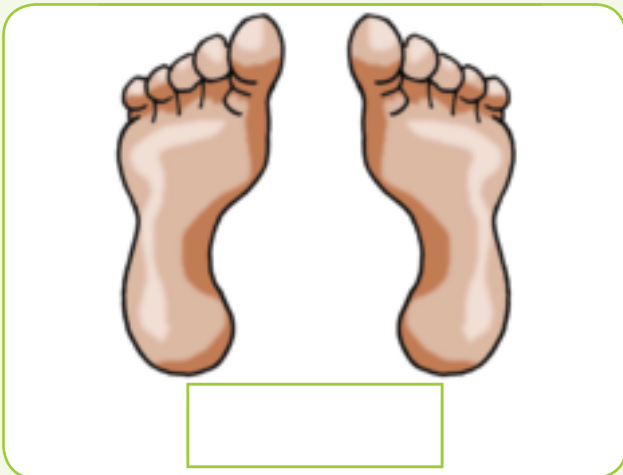
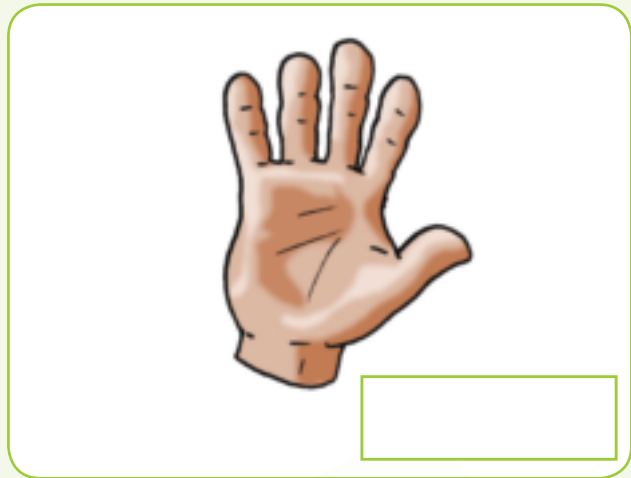
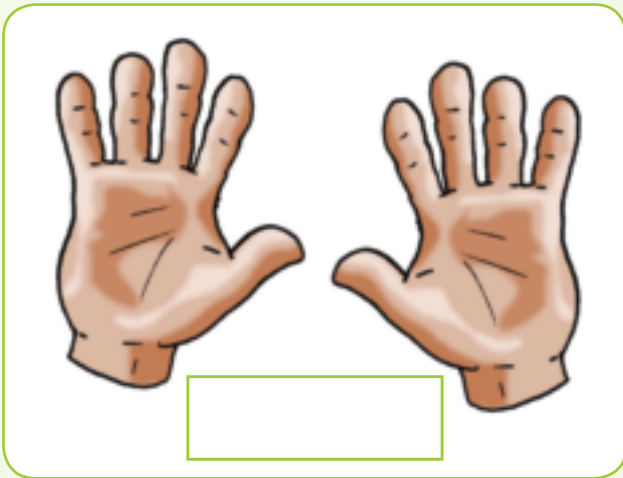
Teacher:
Sign:
Date:





Ndovhololo ya mutangayo wa ṭhanu u swika kha IO

Hu na minwe kana zwikunwe zwingana?



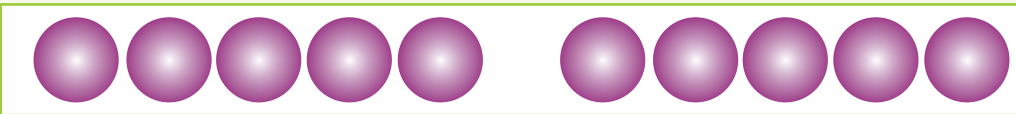


Olani zivhumbeo ni tshi sumbedza zwi tevhelaho.

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



Nwalani mbalo ya:



Ni kona u vhona zwikunwe zwingana kha mulenzhe muṅwe na muṅwe? Hu na zwikunwe zwingana zwo tṱangana zwoṱhe? Itani muolo.

Mbalo:



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

Mbalo:



Teacher:
Sign:

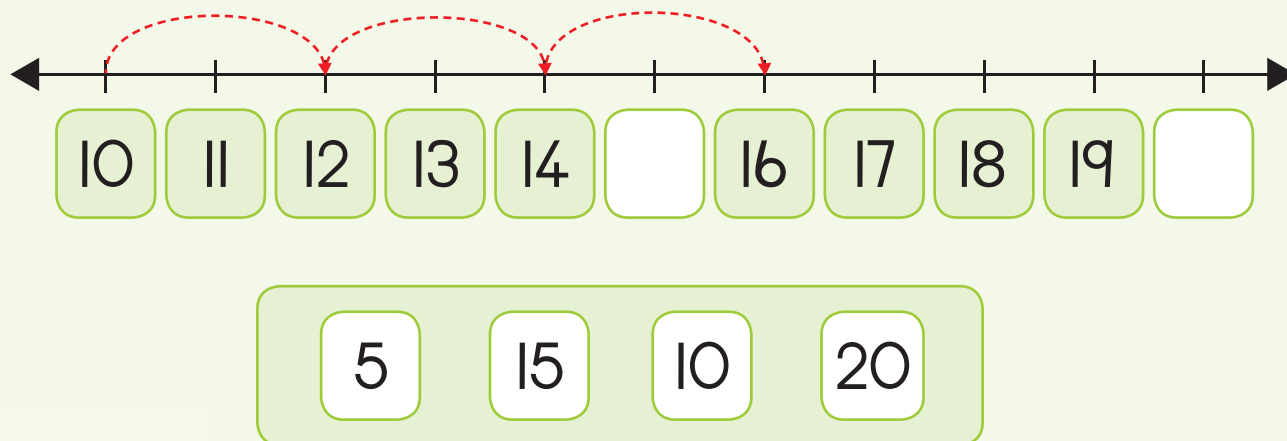
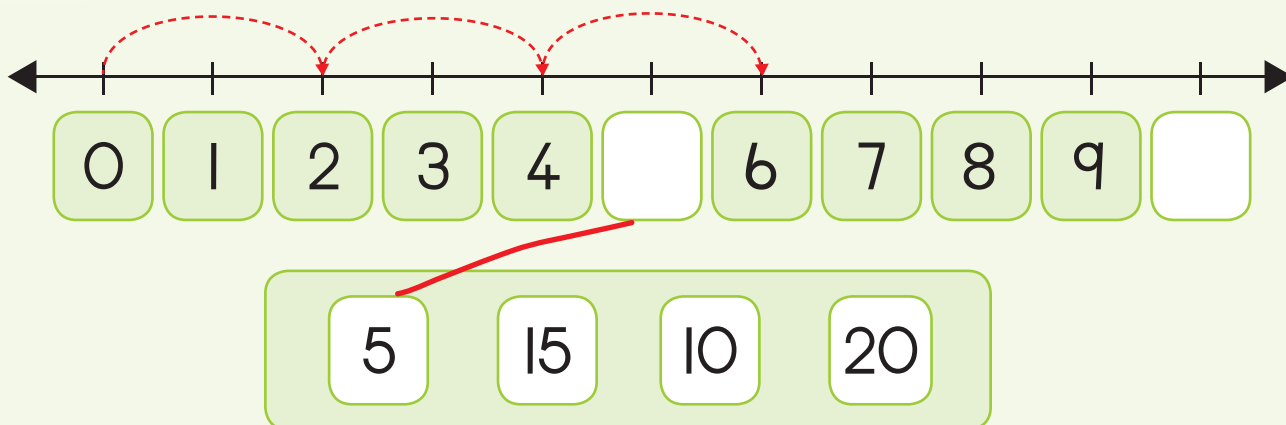
Date:





Phetheni ṭhanu u swika kha fumbili

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



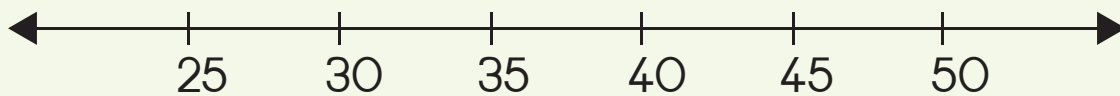
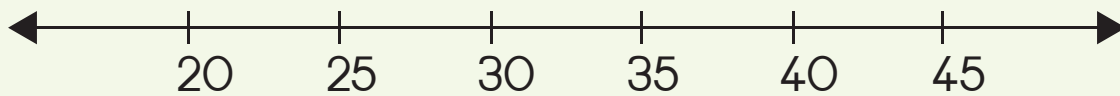
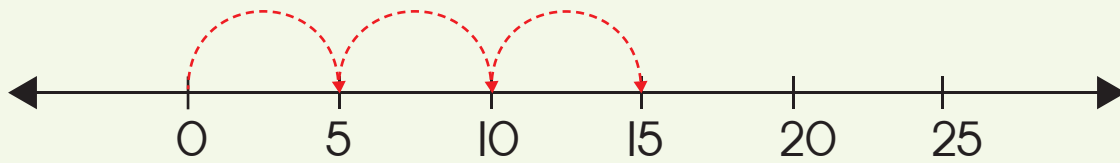
Fhedzisani phetheni nga u khalara nomboro.

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





Olani mithamuwo ni tshi sumbedza zwi tevhelaho.



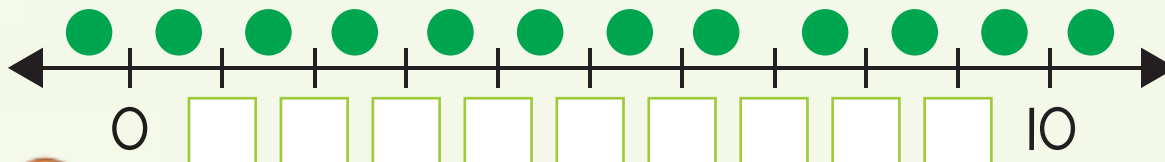
Teacher:
Sign:
Date:



Phetheni dza mahumi



Nwalani nomboro dzi no khou ṭahela.



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



Fhedzisani mutalombalo nga u kopololela nomboro dze na newa zwikhalani zwo teaho.

50 30 10 0 50 20 40





Fhedzisani bodo ya nomboro nga u shumisa nomboro dza zwigeriwa.

1	2	3	4	5	6	7	8	9	
11	12	13	14	15	16	17	18	19	
21	22	23	24	25	26	27	28	29	
31	32	33	34	35	36	37	38	39	
41	42	43	44	45	46	47	48	49	
51	52	53	54	55	56	57	58	59	
61	62	63	64	65	66	67	68	69	
71	72	73	74	75	76	77	78	79	
81	82	83	84	85	86	87	88	89	
91	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		



Teacher:
Sign:

Date:



60a

Themo ya 2



Nomboro na tshelede

Livhanyani mutengo na tshelede.

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



Tshelede: noutu (ya mbambiri) na khoini

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



R100



R50



R10



RI



R5



R10



RI



50c



5c



R20



R5



R10



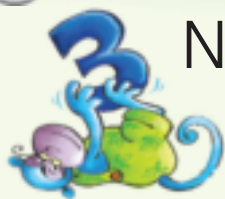
Teacher:
Sign:

Date:



60b

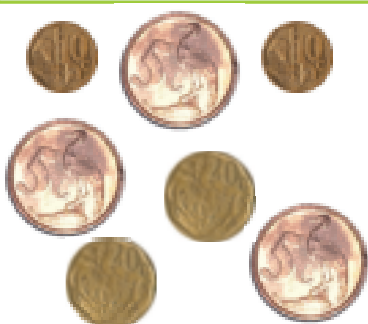
Themo ya 2



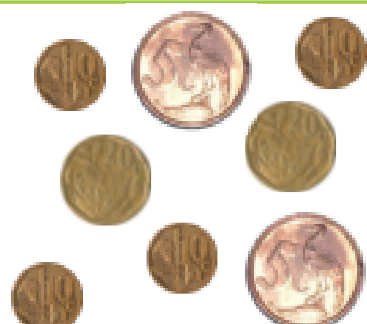
Nomboro na tshelede (Zwi iswa phanda)

Tangedzelani:

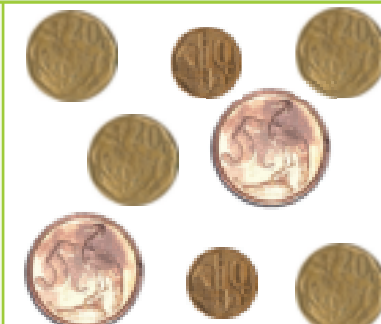
khoini dzothe dza 5c



khoini dzothe dza 10c



khoini dzothe dza 20c



Tangedzelani:

Noutu dzothe dza R10



Tangedzelani:

Noutu dzothe dza R20





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



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



Teacher:
Sign:

Date:



11 12 13 14 15 16 17 18 19 20





Tshelede na tshintshi

Olani khoini dzine dza go ni nea tshanganyelo ya:

a.

10c



5c

b.

20c

c.

15c





Khalarani phindulo yone.

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



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



Teacher:
Sign:
Date:





Tshelede na tshintshi hafhu

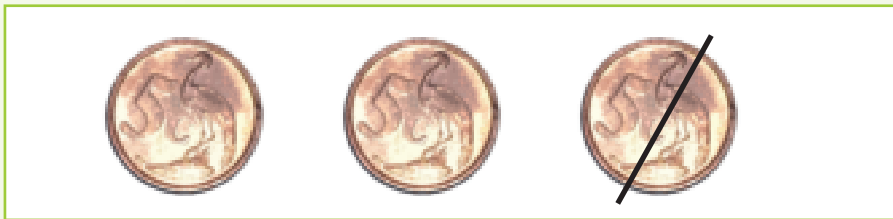
Tusani 5c nthihi. No salelwa nga vhugai?

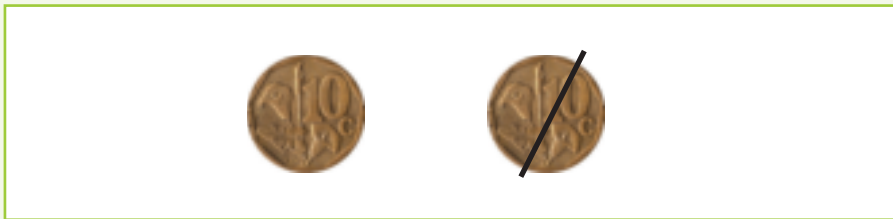


5c



Ho sala vhugai?









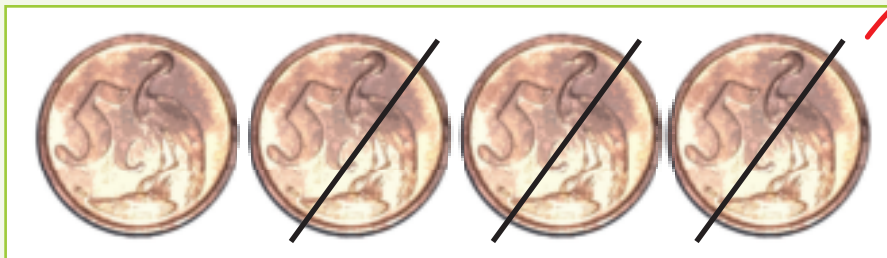




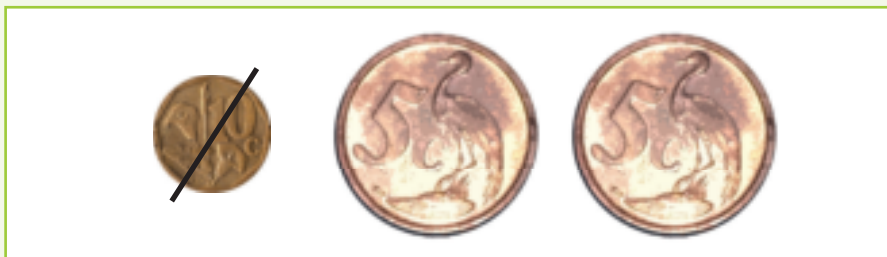
Ho sala vhugai? Livhanyani zwi tevhelaho.



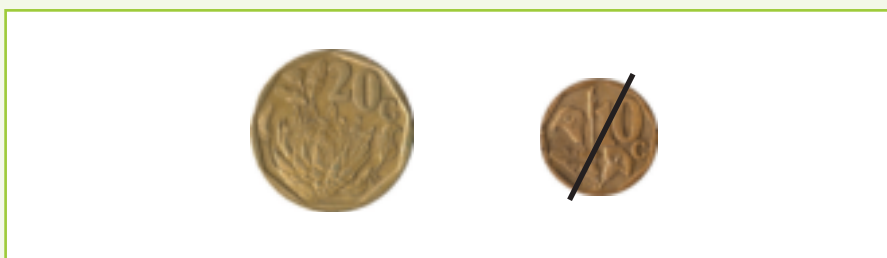
5c



20c



15c

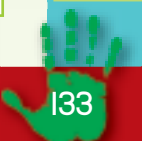


10c



Teacher:
Sign:

Date:

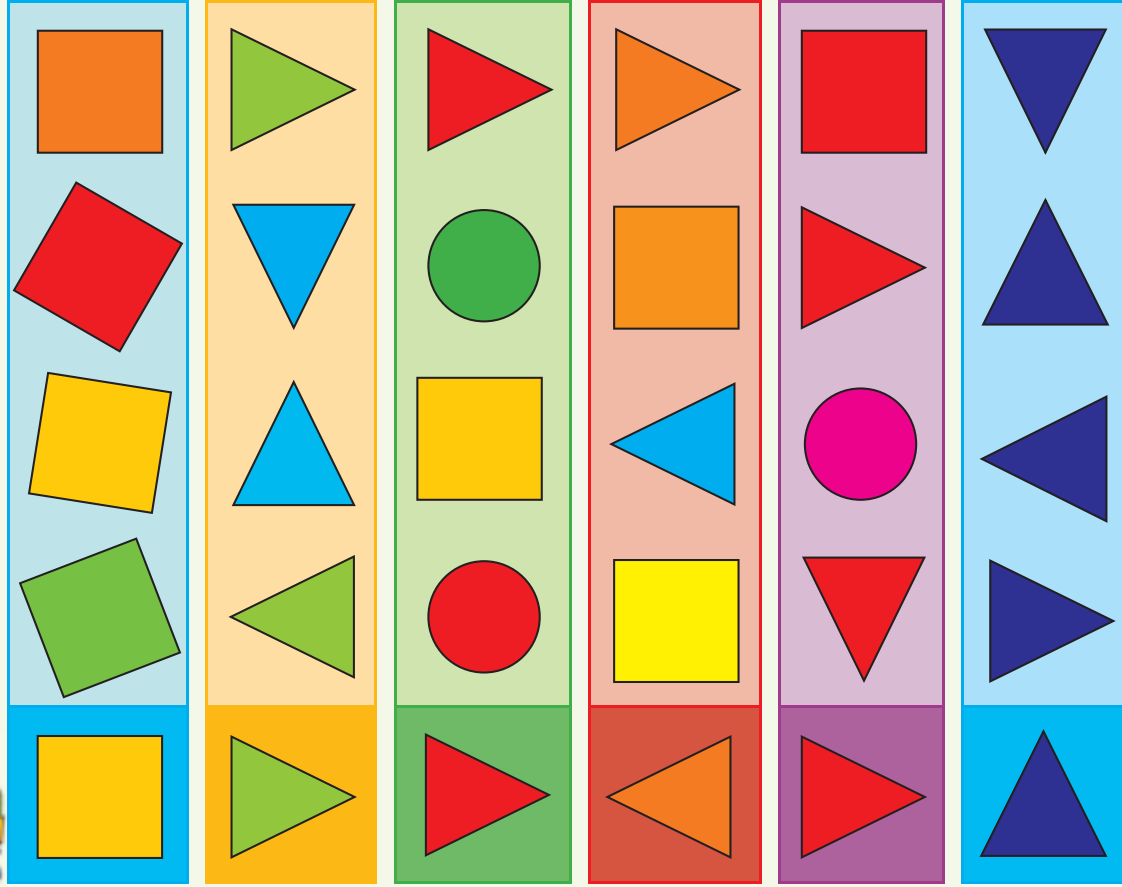


11 12 13 14 15 16 17 18 19 20



Zwivhumbeo, nzulele na kuimele

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



Tangedzelani phindulo dzi re dzone.

1	2	3	4	5

Ndi phukha ifhio i re phanga ha ndou?

Ndi phukha ifhio i re murahu ha mmbwa?

Ndi phukha ifhio i re vhukati ha mbiqi na mmbwa?

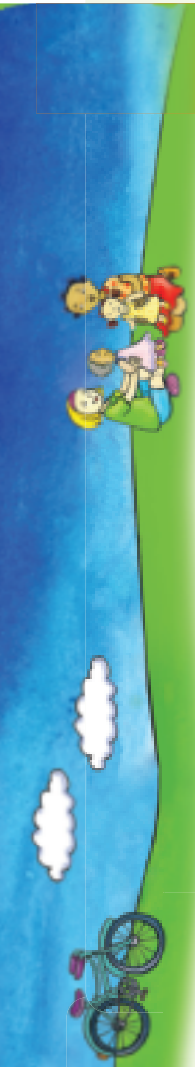
Arali mmbwa ya tshimbilela phanga i do gekhana na tshipuka tshifhio?

Arali ndou ya nga tshimbilela murahu i do gekhana na tshipuka tshifhio?

Ndi phukha ifhio i re vhukati ha rou?

Ndi phukha ifhio ine ya vha ya u thoma kha muduba?

Ndi phukha ifhio ine ya vha ya u fhedza kha muduba?



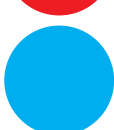
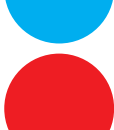
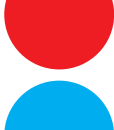
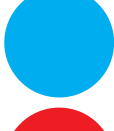
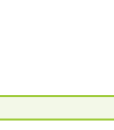
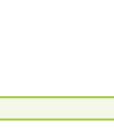
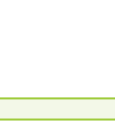
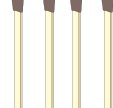
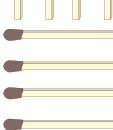
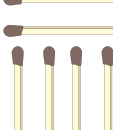
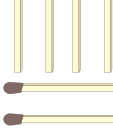
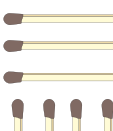
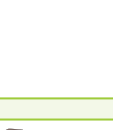
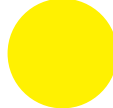
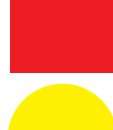
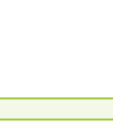
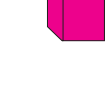
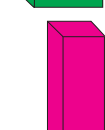
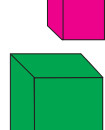
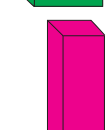
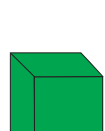
Teacher:	
Sign:	
Date:	



Phetheni dzi re na zwivhumbeo zwa dzhometiri

Tharamudzani phetheni nga tshivhumbeo tshiniwe tshithihi.





Itani phetheni ya inwi mune nga zwivhumbeo zwe na newa.



Teacher: _____
Sign: _____
Date: _____



Zwivhumbeo zwa 2-D na zwithu
zwa 3-D

Khalaria zwivhumbeo.

Khalarani zwickwa nga muvhala mutswuku .

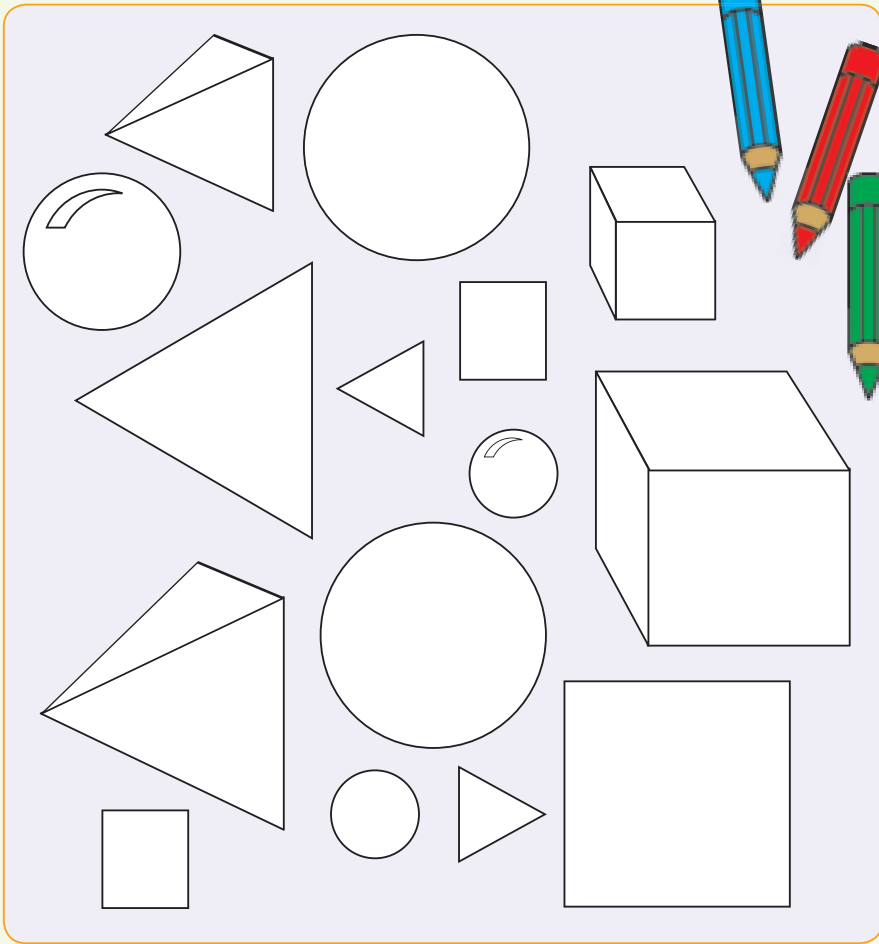
Khalarani zwiwendeledzi nga muvhala wa lutombo .

Khalarani rekithiengele nga muvhala mudala  .

Khalarani khubu nga muvhala wa tada .

Khalarani zwipulumbu nga muvhala wa phephulu .

Khalarani phirizimu nga muvhala wa tshitopana .



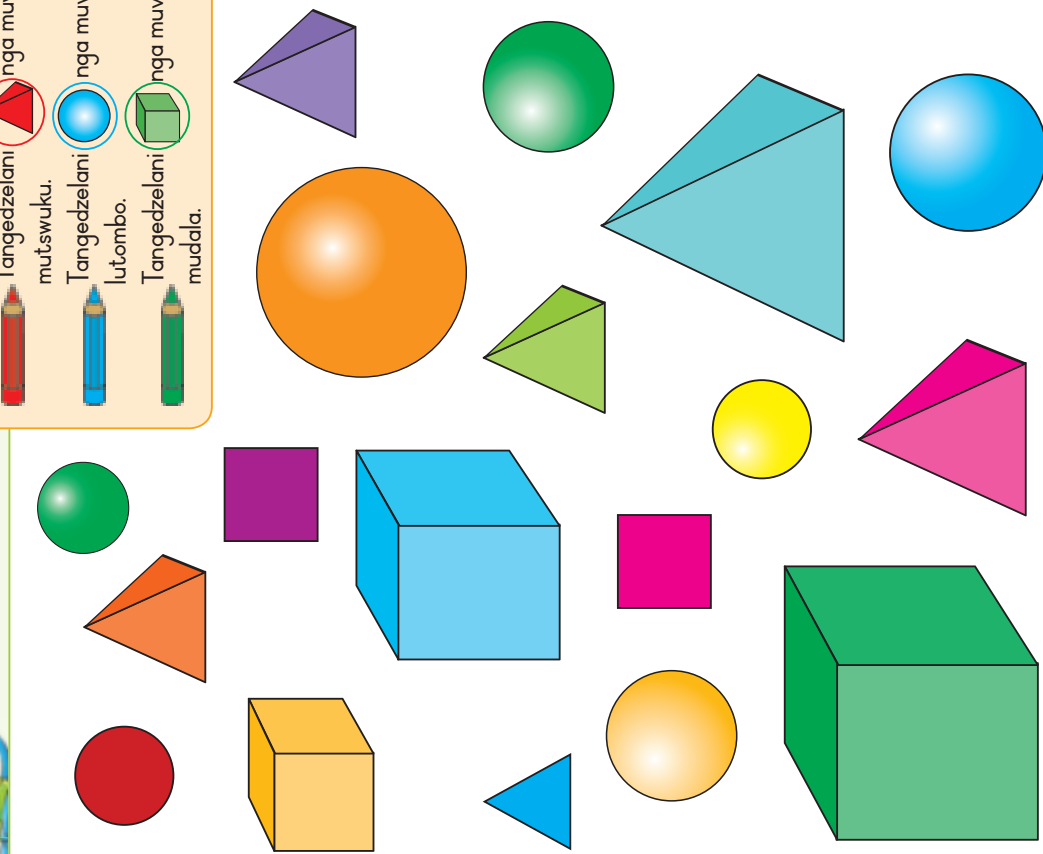
Zwivhumbeo na zwithu zwa tshiomate

Tangedzelani zwivhumbeo.

Tangedzelani
mutswuku.

Tangedzelani  nga muvhala wa
lutumbo.

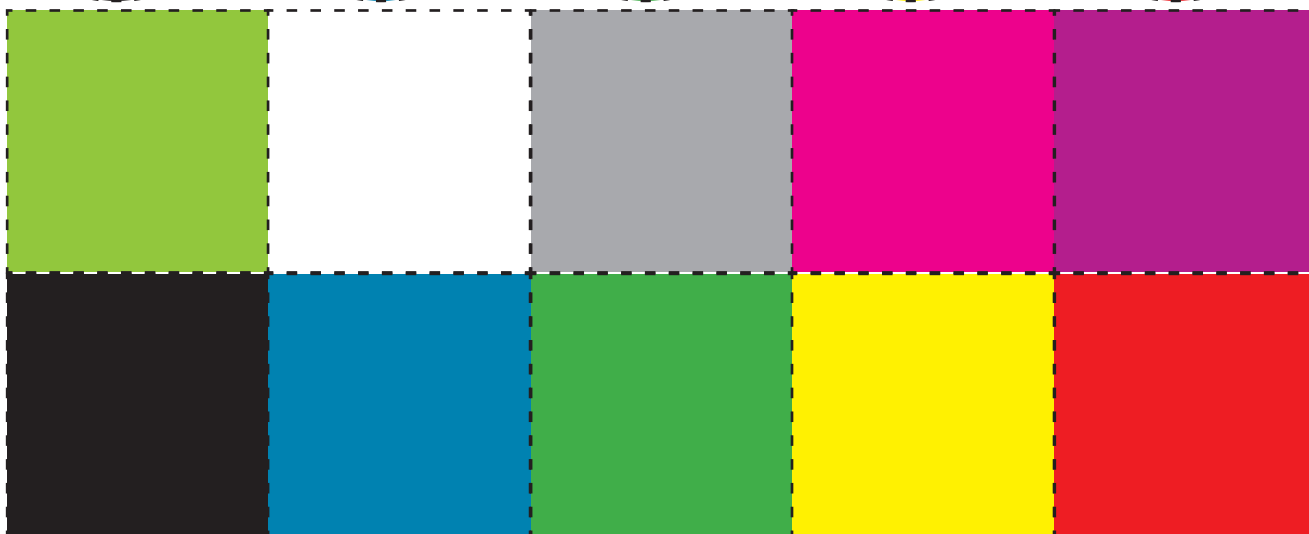
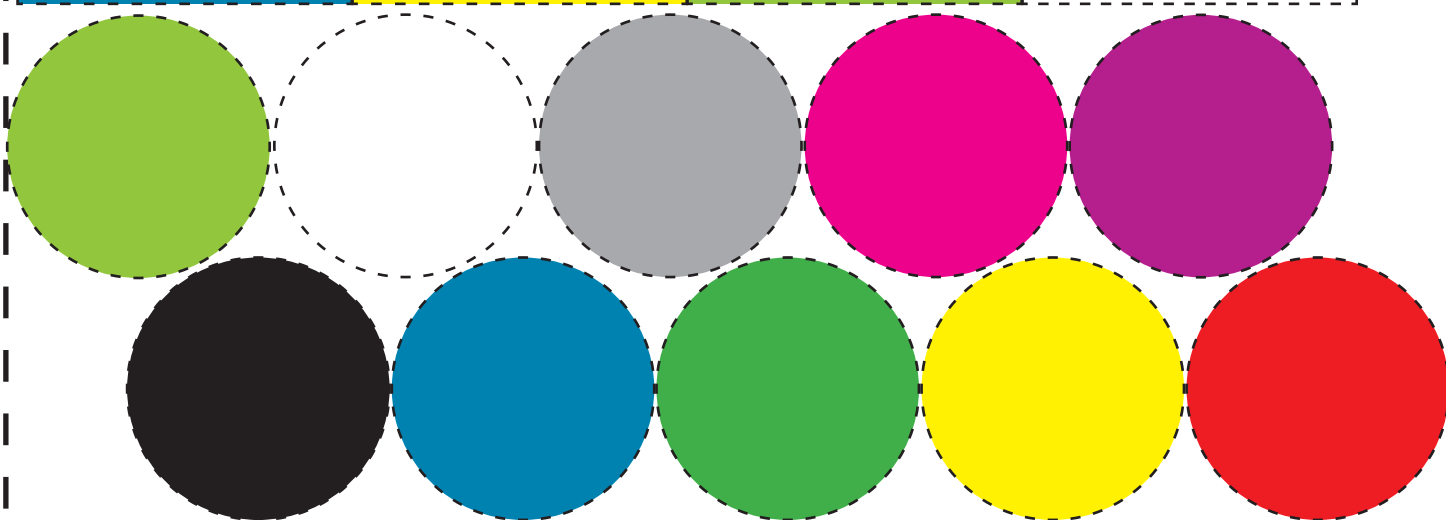
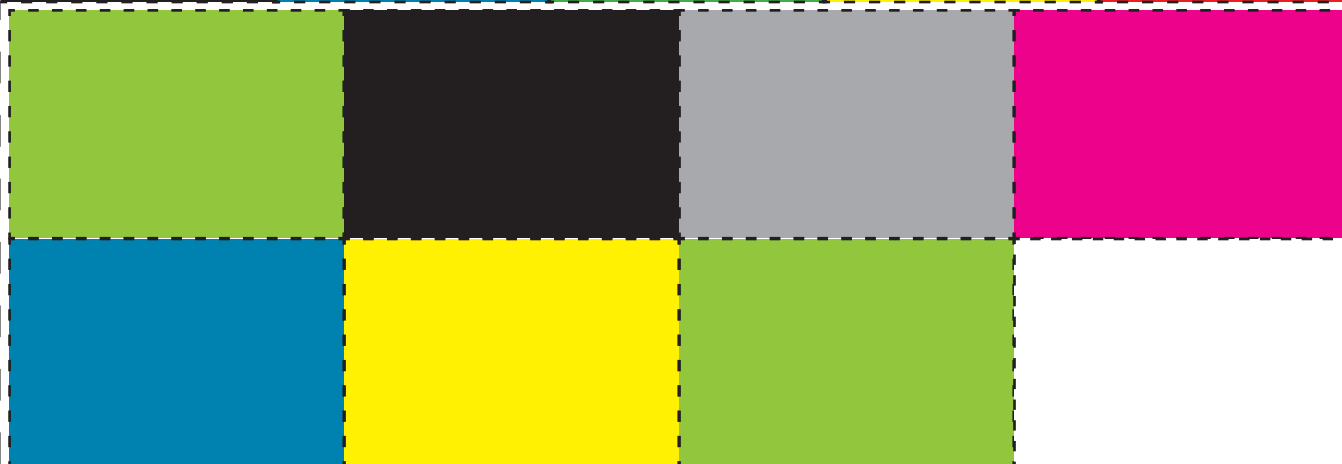
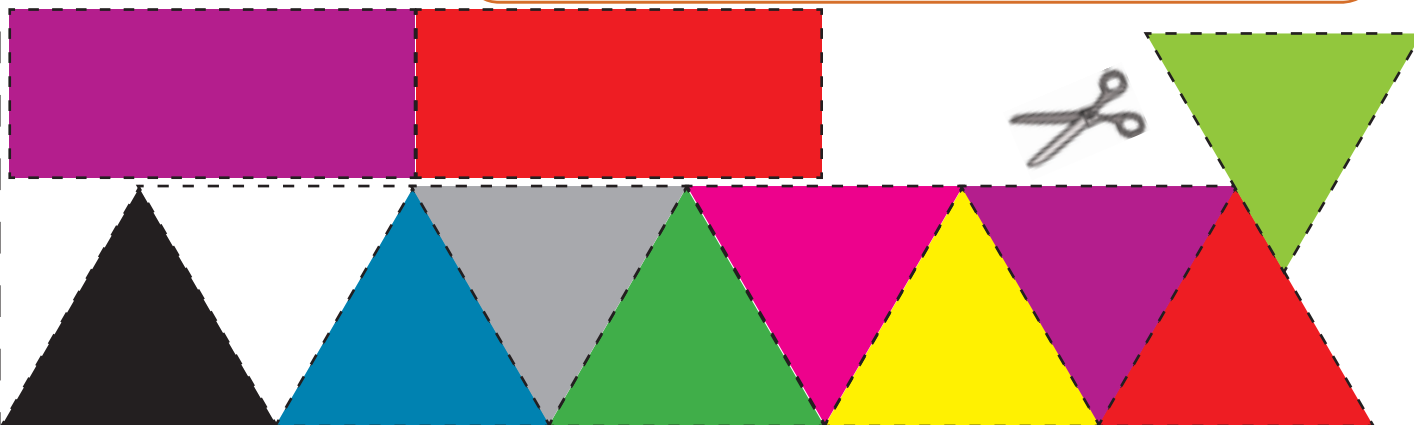
Tangedzelani:  nga muvhala mudla.

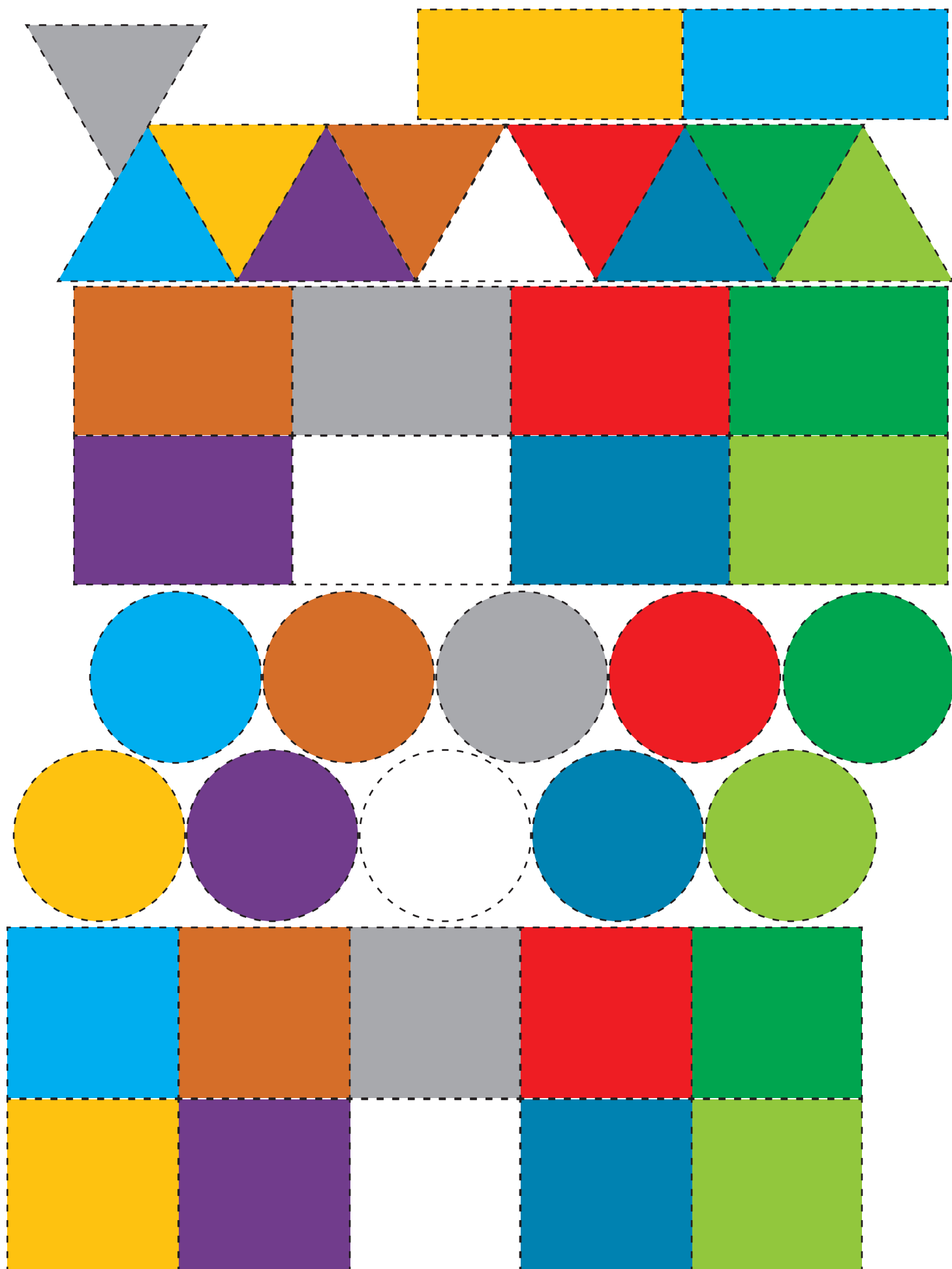


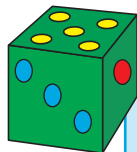


Shapes:

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

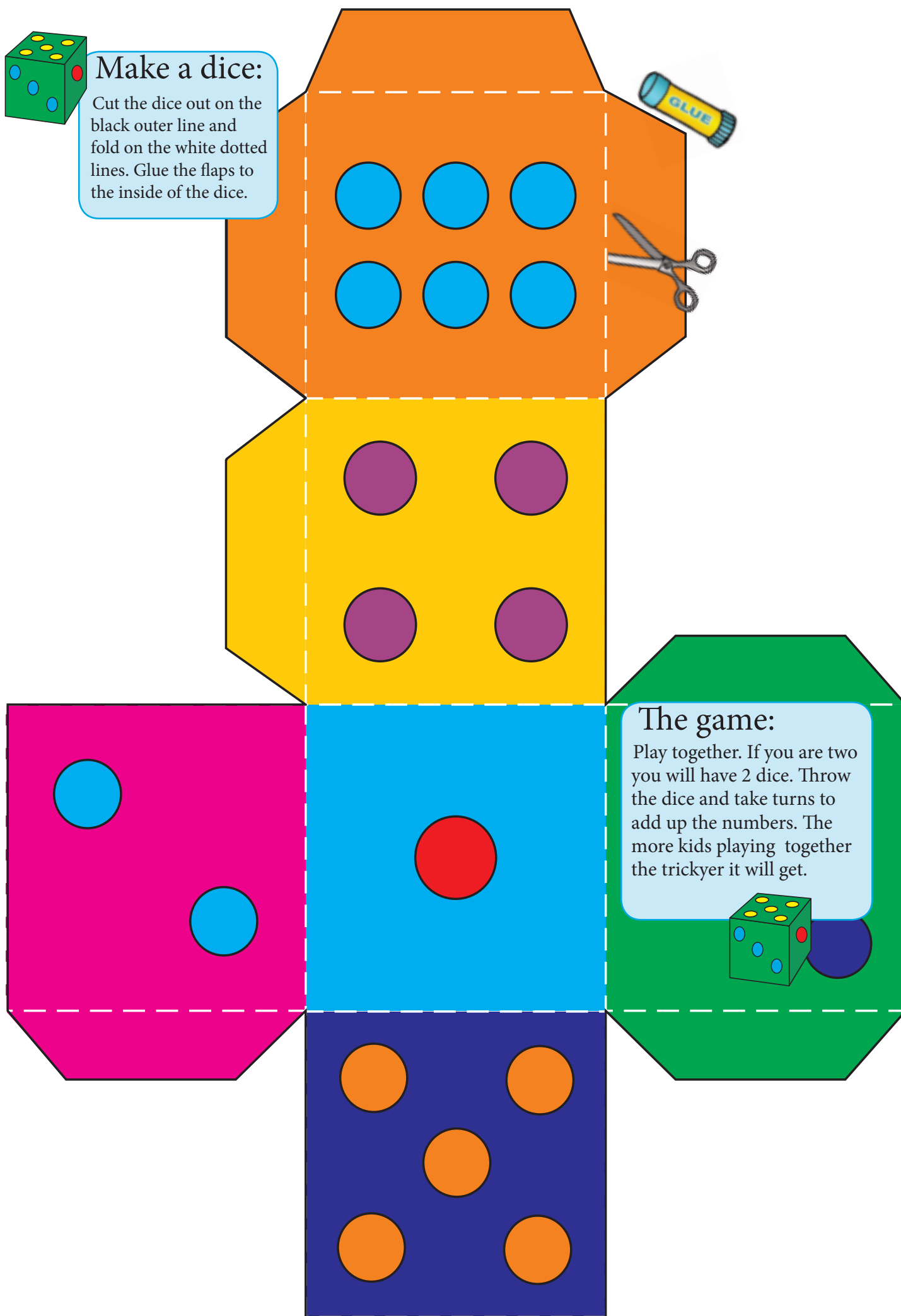






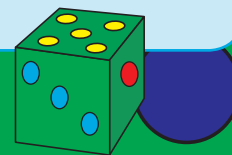
Make a dice:

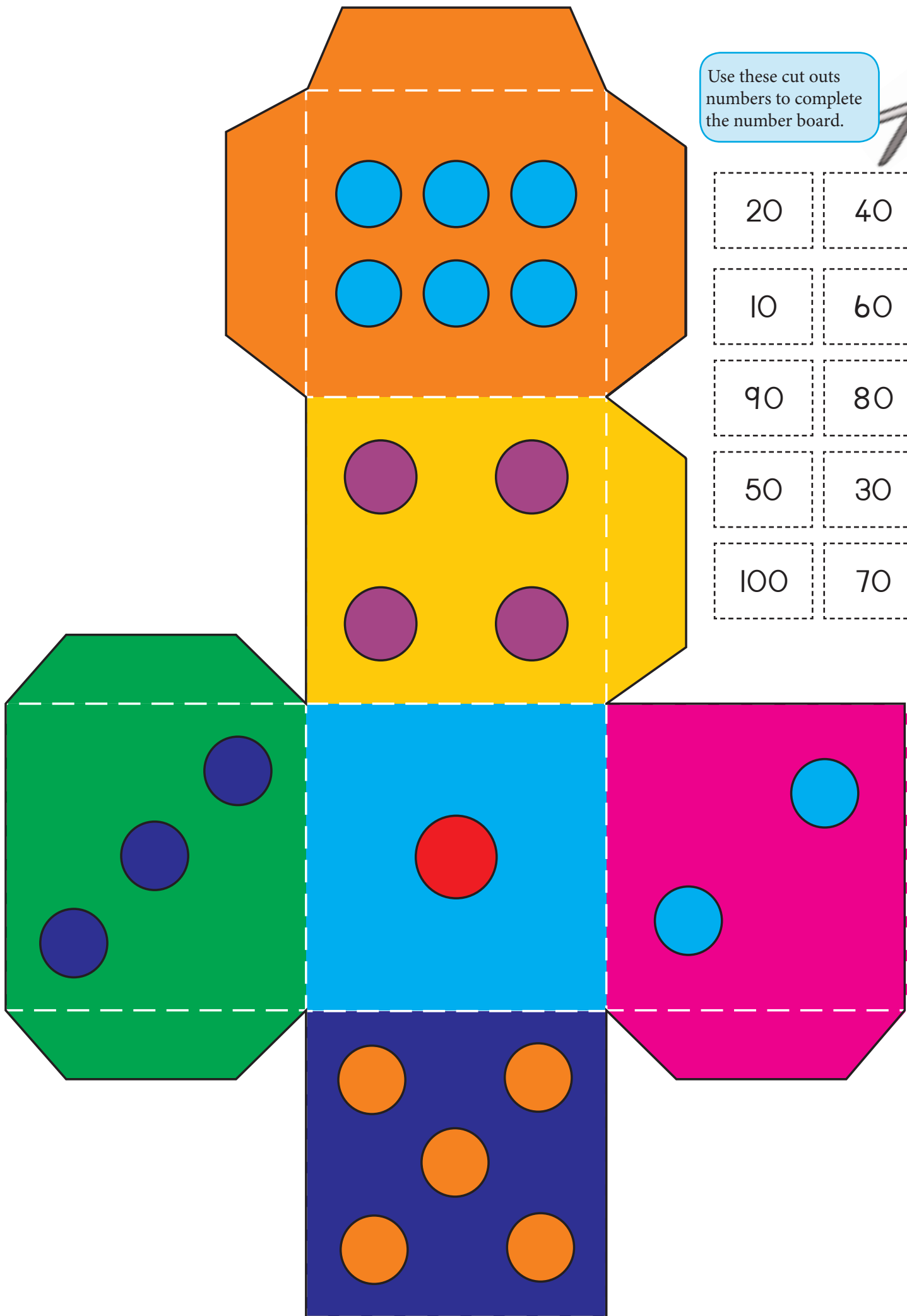
Cut the dice out on the black outer line and fold on the white dotted lines. Glue the flaps to the inside of the dice.



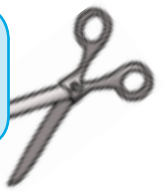
The game:

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





Use these cut outs
numbers to complete
the number board.



20	40
10	60
90	80
50	30
100	70