

Vho Angie Mutshekga vha Muhasho wa Pfunzo ya Muteo.



Vho Enver Surty. Muthusaminista wa Pfunzo ya Muteo.

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

Bugu dza u shumela dza Rainbow ndi tshipiḓa tsha zwe Muhasho wa Pfunzo ya Muteo wa ita zwa u khwiṋisa vhukoni ha vhagudi vha Afrika Tshipembe vha giredi dza rathi dza u ranga. Sa tshiṅwe tsha zwithu zwihulwane zwa Pulanetshumisi (Action Plan) ya Muvhuso, thandela iyi yo konadzea nge ya lambedzwa lu sa vhudziswi nga Muhasho wa Gwama ḽa Lushaka (Thirezhari).

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

Ri na fulufhelo ḽauri bugu idzi dzi ḓo thusa vhadededzi (vhagudisi) mushumoni wavho wa u funza wa ḓuvha ḽiṅwe na ḽiṅwe khathihi na u vha na vhuṱanzi uri vha khunyeledze kharikhuḽamu yoṱhe. Ro ita nga vhuronwane uri ri sumbedze nḓila vhadededzi kha mishumoitwa (nyito) nge ra shumisa aikhoni dzi no sumbedza uri mugudi u tea u ita zwifhio.

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

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



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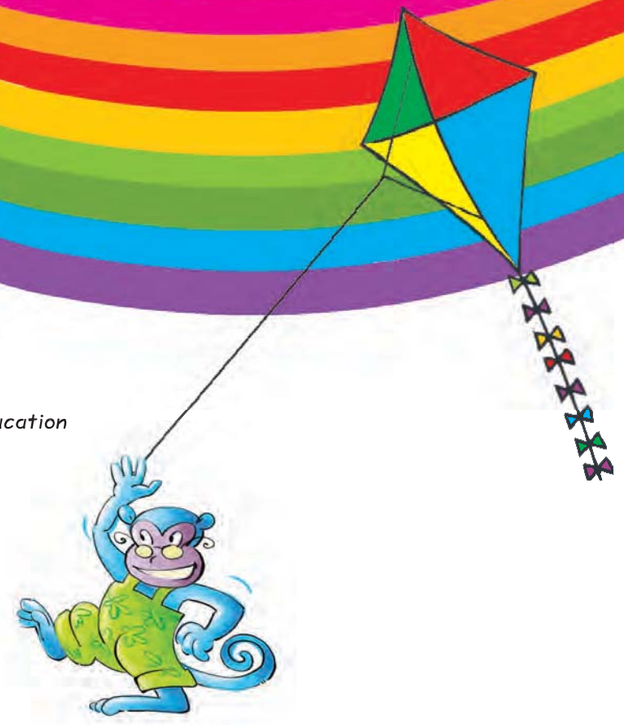
Kotara I & 2



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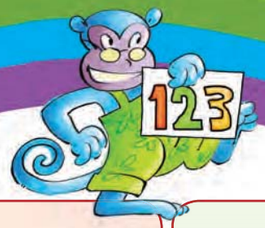

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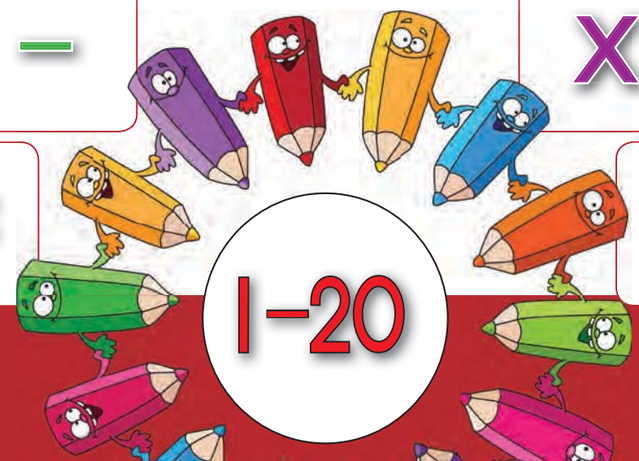

Gireidi ya 1

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Divhambalo

nga TSHIVENḒA



Bugu iyi ndi ya:

TSHIVENḒA

Bugu 1

I

Vhuṱala na u livhanya

Thusani musidzana uri a wane thoyi dzawe.



U THOMA





MUGUMO



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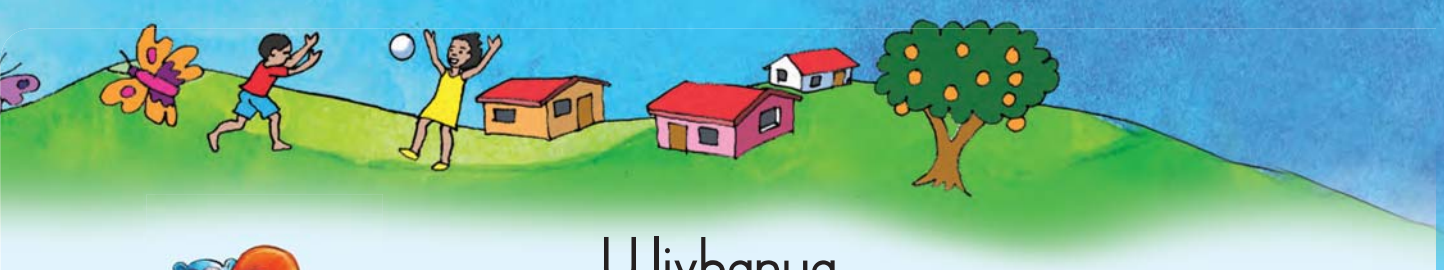

U livhanya

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



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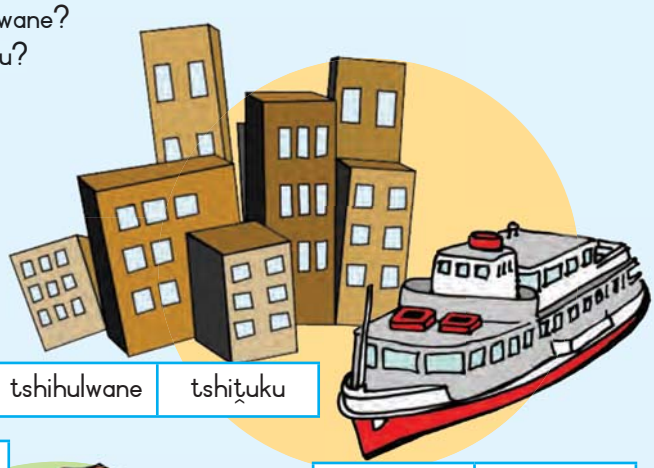
Zwivhumbeo na saizi

Ndi zwifhio zwa izwi zwine zwa vha zwihulwane?
Ndi zwifhio kha izwi zwine zwa vha zwiṱuku?
Khaḽarani phindulo yone.

tshihulwane	tshiṱuku



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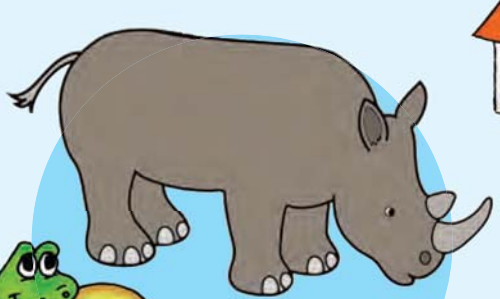

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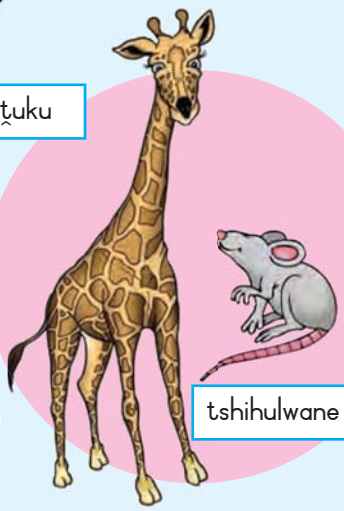

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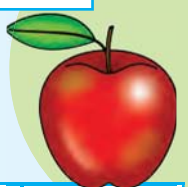




tshihulwane | tshiṱuku

tshihulwane | tshiṱuku



Saidzi na phambana

Bulani uri zwi vhonala nga nḓilaḓe.

o ima nga khoho





o khothetshela murahu /o binalala

vha a lingana



pfufhi



ndapfu

ngomu



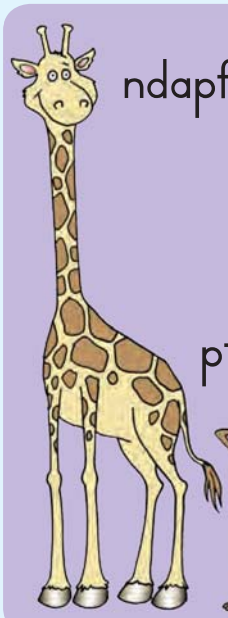
nnḓa

nona



sekena

ndapfu



pfufhi



luvhilo



ongolowa

phanḓa



murahu



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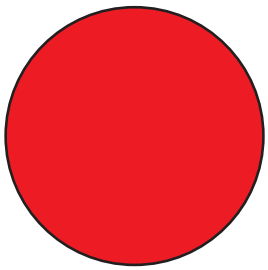
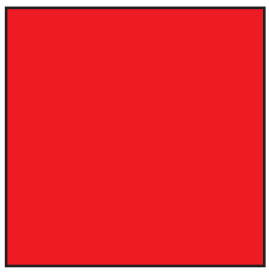
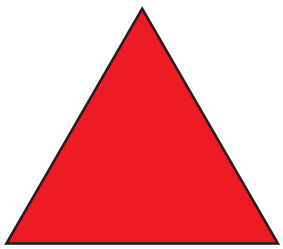
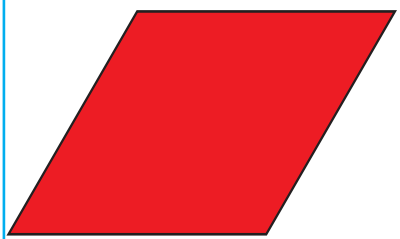
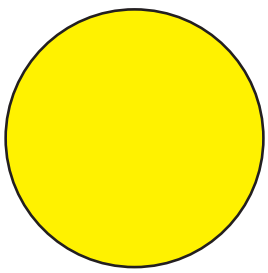
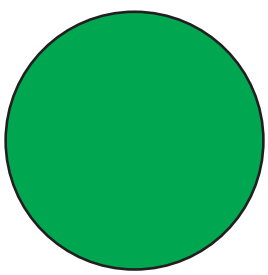
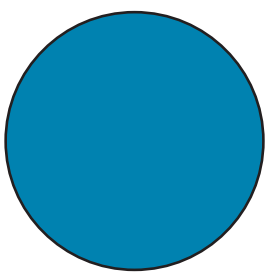
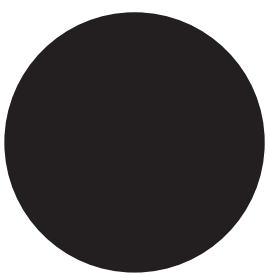
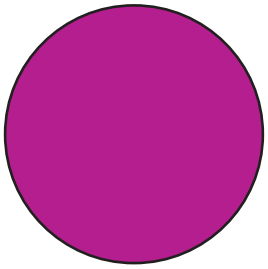
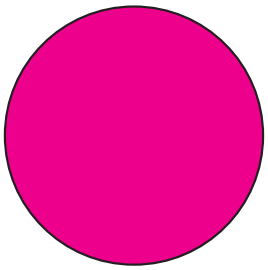
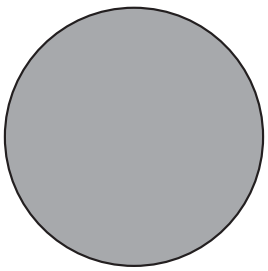
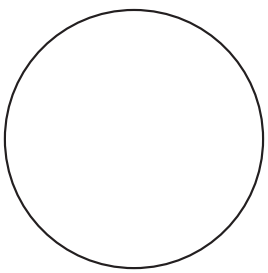
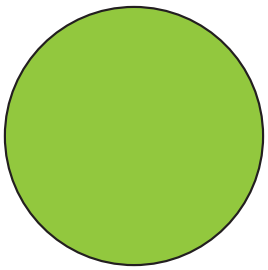
U vhekanya nga mivhala

Vheyani zwivhumbeo izwi nga mivhala, zwibogisini. Rou iṅwe na iṅwe 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 tshiṅwe na tshiṅwe.

Kha nyito iyi vhagudi vha lavhelelwa u gera zwivhumbeo zwi tshi bva murahu ha bugu. Vha songo vha tenda vha tshi nambatedza zwivhumbeo ngauri vha ḓo tea u zwi shumisa nga vhuya. Kha vha zwi vhee kha tshikwama tshi re murahu ha bugu.

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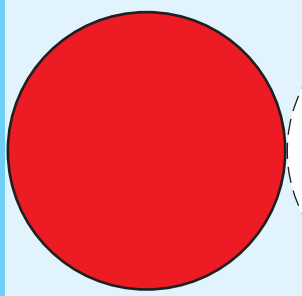
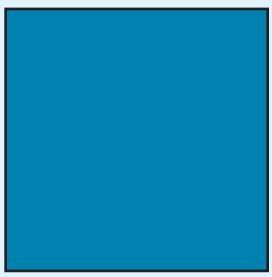
U vhekanya na u livhanya zwivhumbeo

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





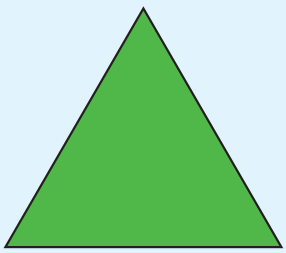
Wanani zwigeriwa zwa zwitendeledzi zwa u gera murahu ha bugu ni zwi jenise zwikhalani izwi.





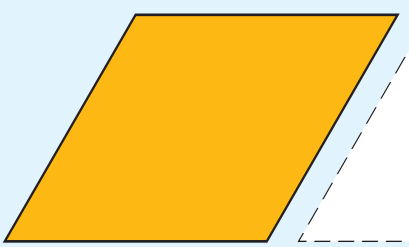


Wanani thiraiengele dza u gera murahu ha bugu ni dzi jenise zwikhalani izwi.





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



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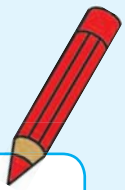
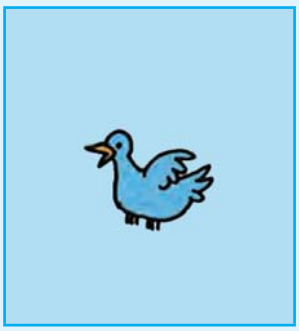
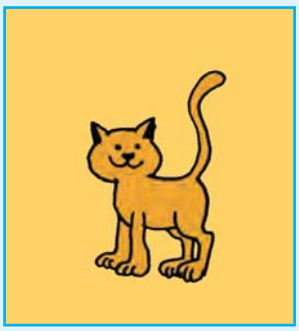
Wanani ni vhale

Vhalani uri hu na zwipuka zwingana tshifanyisoni tshi re kha siaṱari ḽa II ni ṅwale nomboro tshibuḽokoni.







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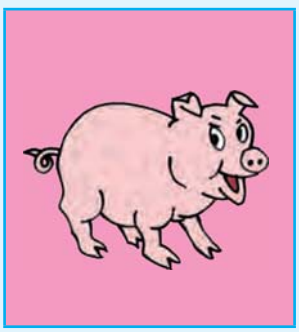



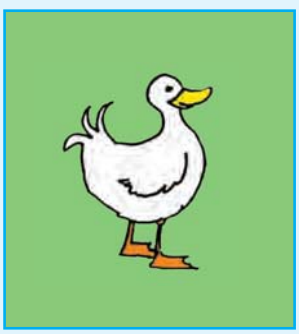

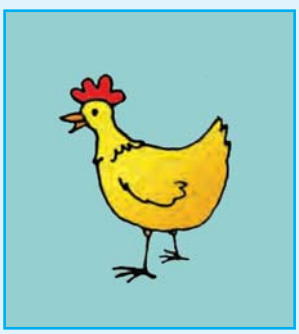



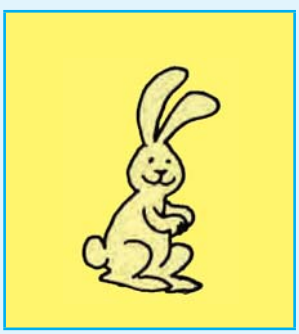



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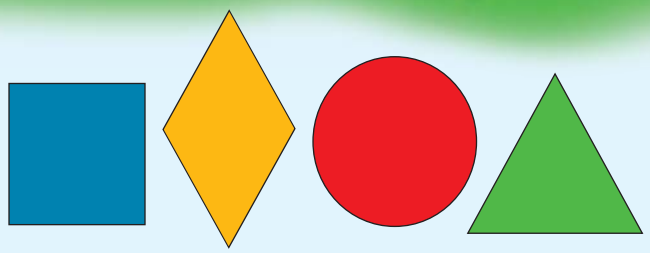
Zwinzhi kana zwiṱuku

Sumbedzani uri ndi tshibogisi tshifhio tshi re na zwinzhi na tshi re na zwiṱuku.









Zwinzhi

Shumisani zwivhumbeo zwa u gera.
Jenisani zwi re zwinzhi tshibogisini itshi.

Zwiṱuku

Jenisani zwi re zwiṱuku tshibogisini itshi.

U lingana

Jenisani zwivhumbeo zwa tshivhalo tshi no lingana tshibogisini itshi.

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Nomboro

Ndi zwingana?
Tovhedzelani nomboro.



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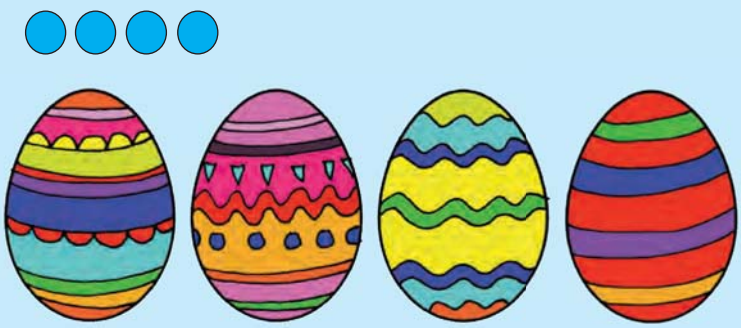

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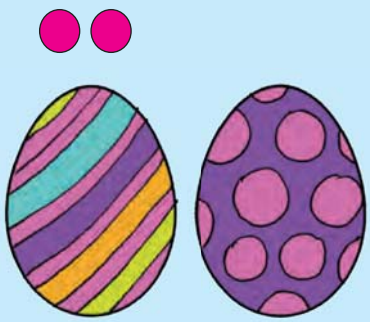





Wanani nomboro dzi no fana na dzi re kha zwibuloko zwa u thoma. Dzi tangedzeleni.

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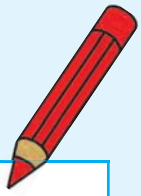
U vhala

Vhalani tshivhalo tsha maswiri na maapula ni jenise nomboro ya tshivhalo.



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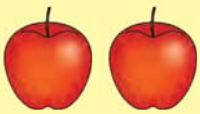	
	
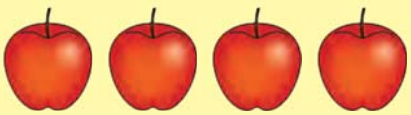	
	
	
	
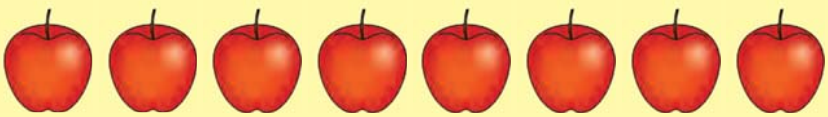	
	
	





Ndi zwi ngana?

















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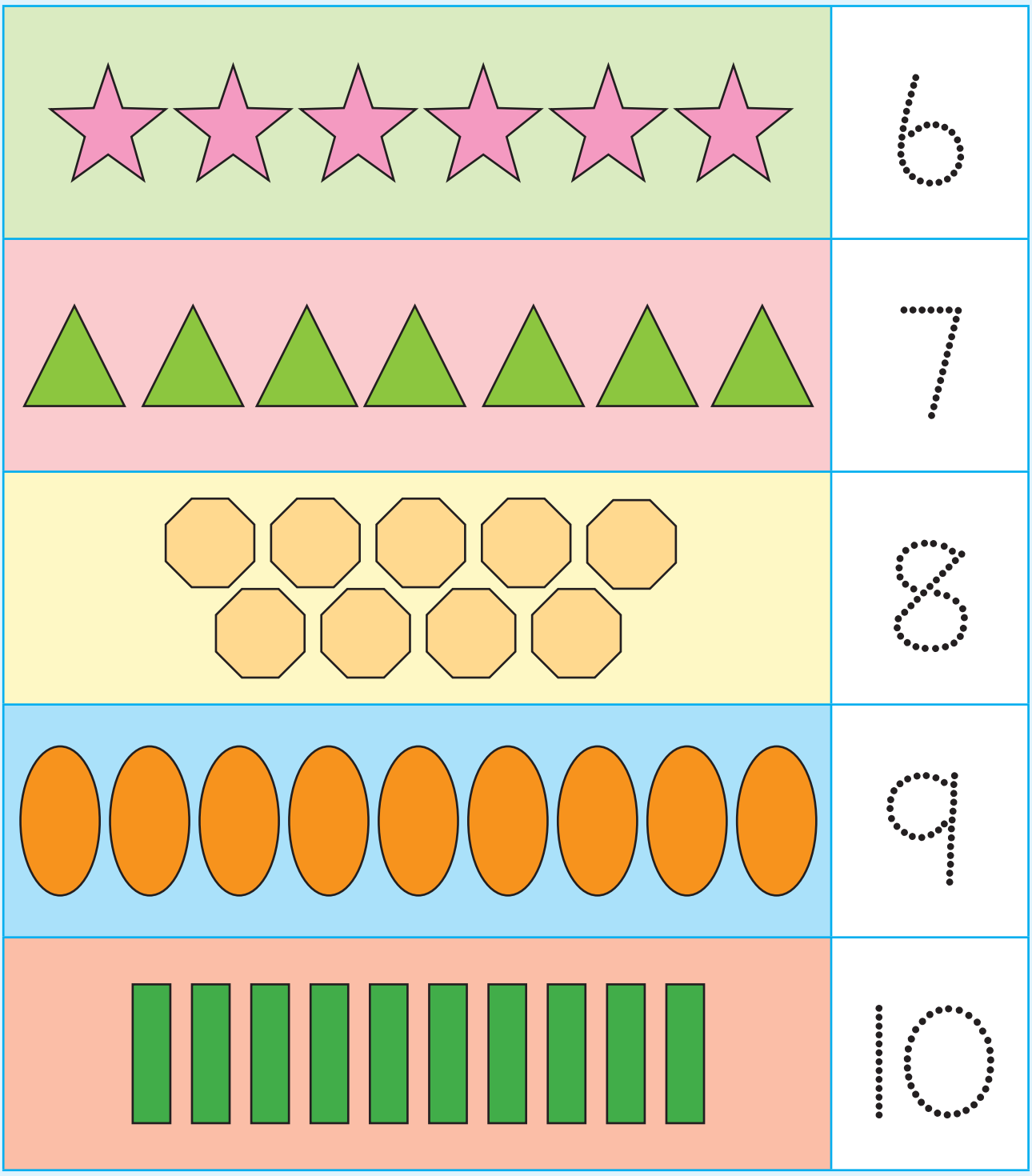
U vhala zwivhumbeo

Vhalani zwivhumbeo ni jenise nomboro ya tshivhalo.









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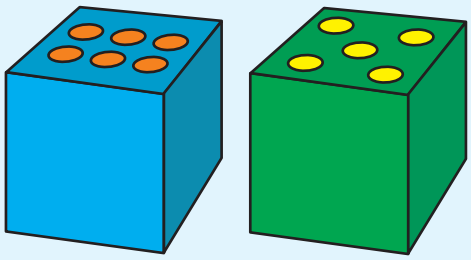
Vhalani ni ṅwale

Vhalani zwithoma zwi re kha daisi idzi ni jenise phindulo.
Zwino gerani nga murahu ha bugu ni ite daisi.
Inwi na khonani yaṉu ni nga vhala zwithoma zwi re kha masia mavhili a daisi.





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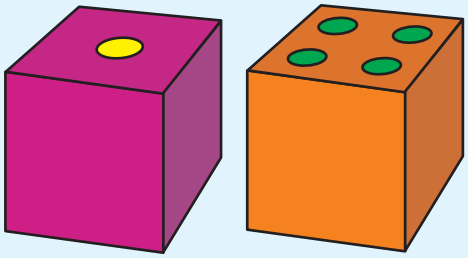

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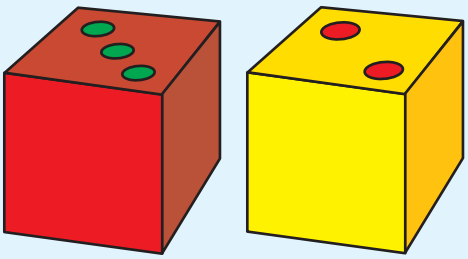

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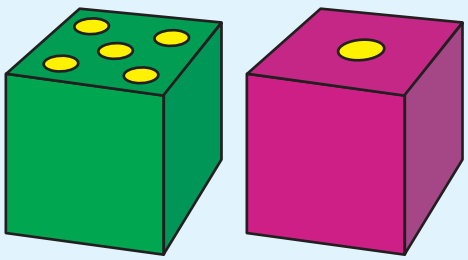

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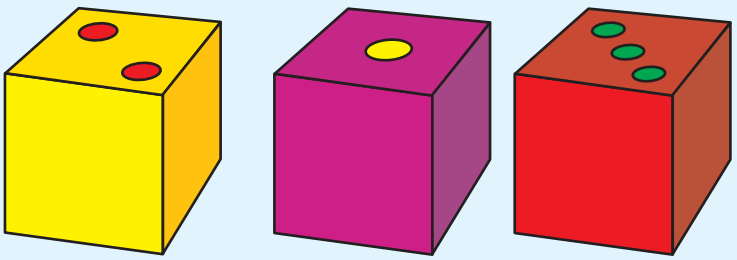

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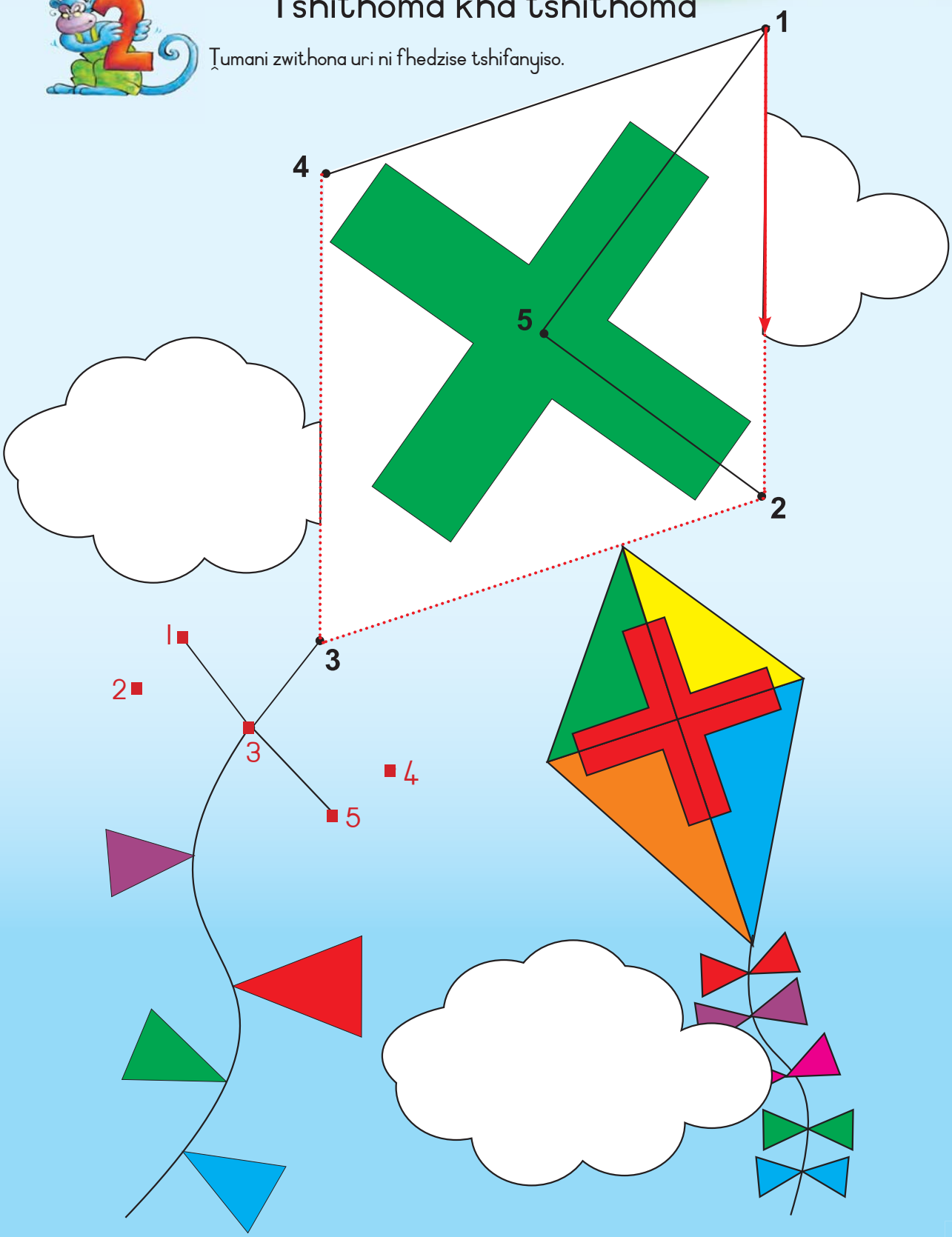
Tshithoma kha tshithoma

Ṱumani zwithona uri ni fhedzise tshifanyiso.



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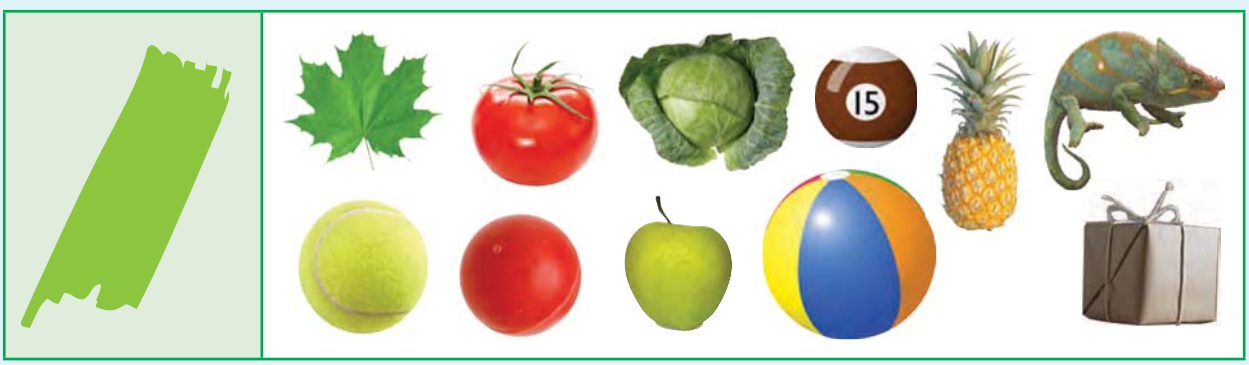
U vhala

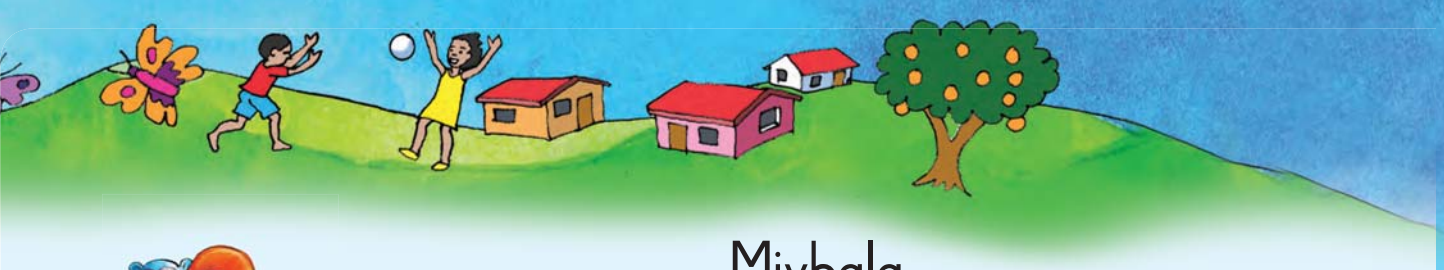
Tangedzelani zwithu zwine zwa fana nga muvhala na pennde i re kha tshibogisi tsha u thoma.





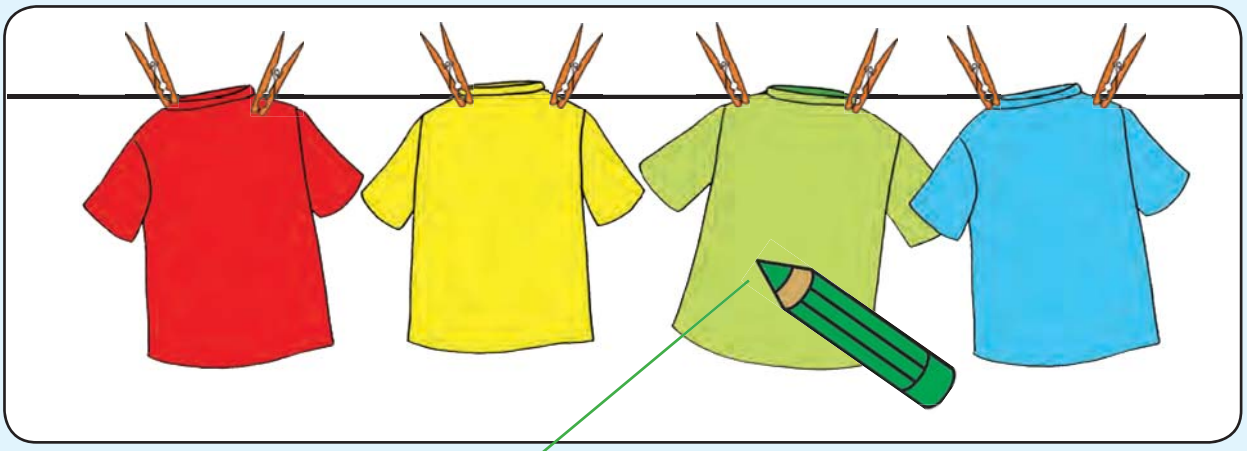


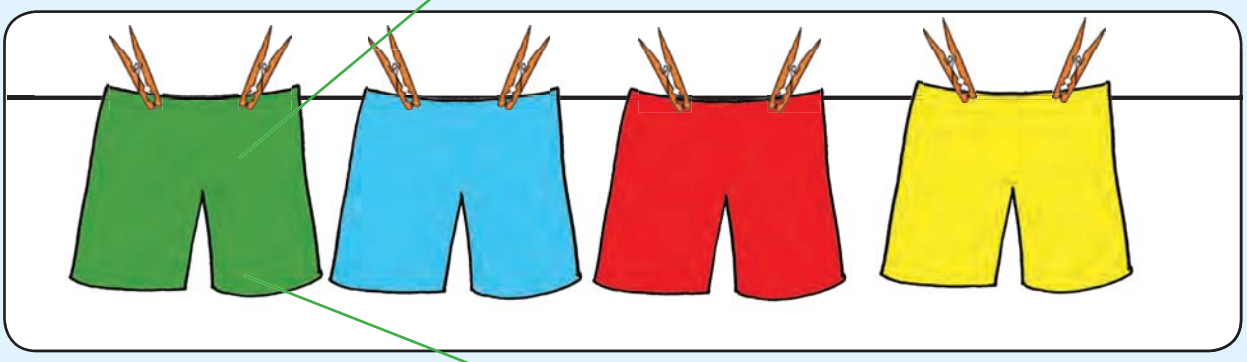


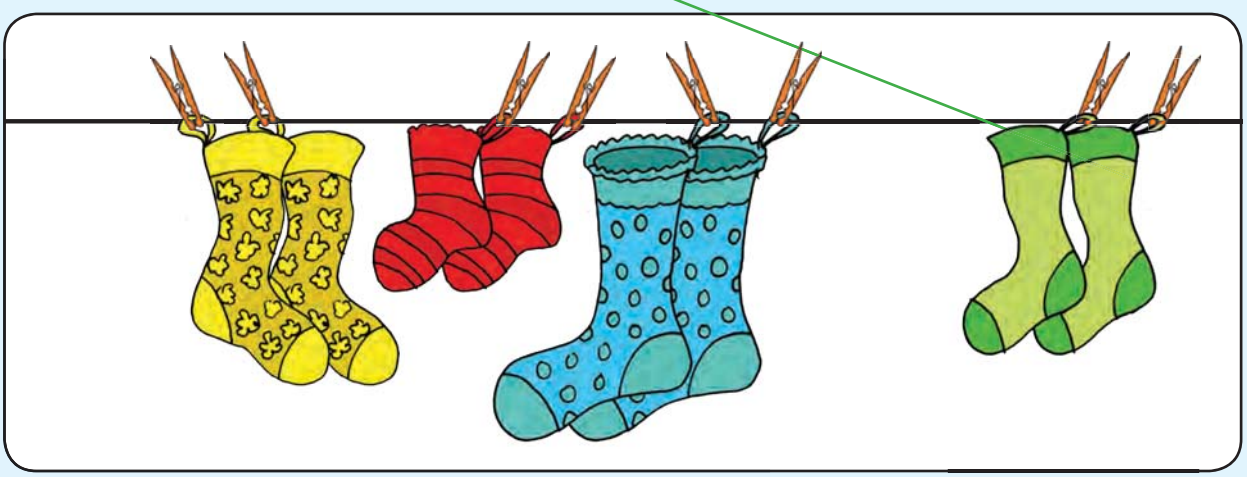


Mivhala

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







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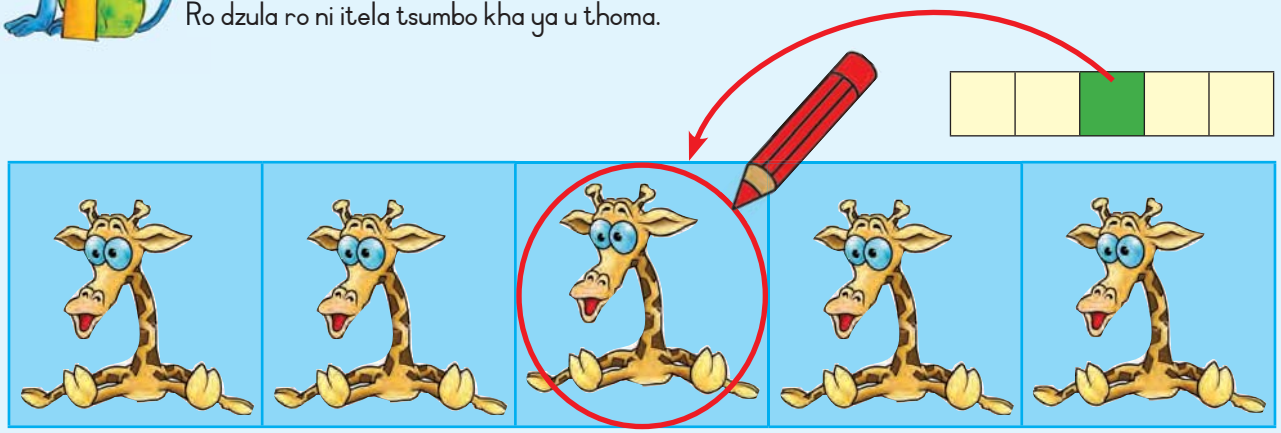
Vhuimo

Tangedzelani tshipuka tshi re kha vhuimo uvhu kha rou i re afho fhasi.
Ro dzula ro ni itela tsumbo kha ya u thoma.



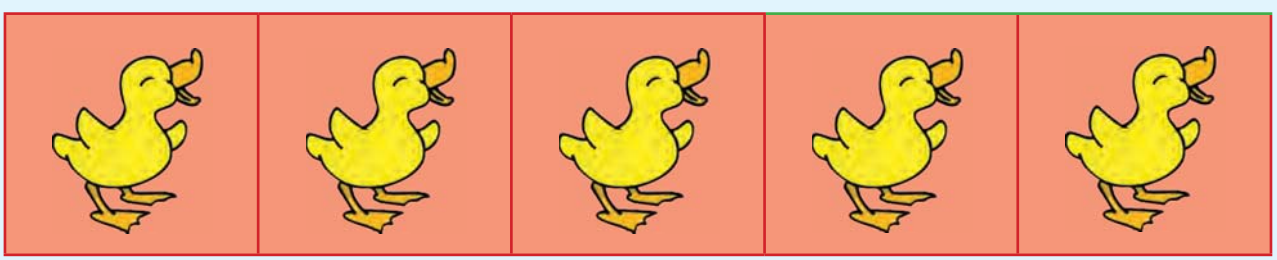
Tangedzelani tshipuka tshi re kha vhuimo uvhu kha rou i re afho fhasi.



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



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

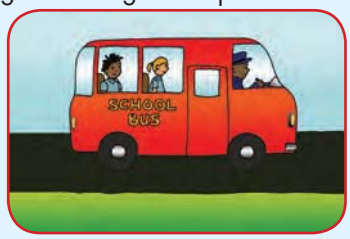


Tshifhinga

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



U ya tshikoloni nga milenzhe.



U ya tshikoloni nga goloi.



U ita sangwetshi.



U baka khekhe.



U ita mushumo wa tshikolo.



U tamba bola ya milenzhe.



U pennda nnḓu.



U ola tshifanyiso.

Teacher:
Sign:
Date:



U vhumba nomboro

Itani nḓonḓowe ya u ṅwala nomboro idzi.



1 thihi 1 1 1



2 mbili 2 2



3 raru 3 3



4 ina 4 4

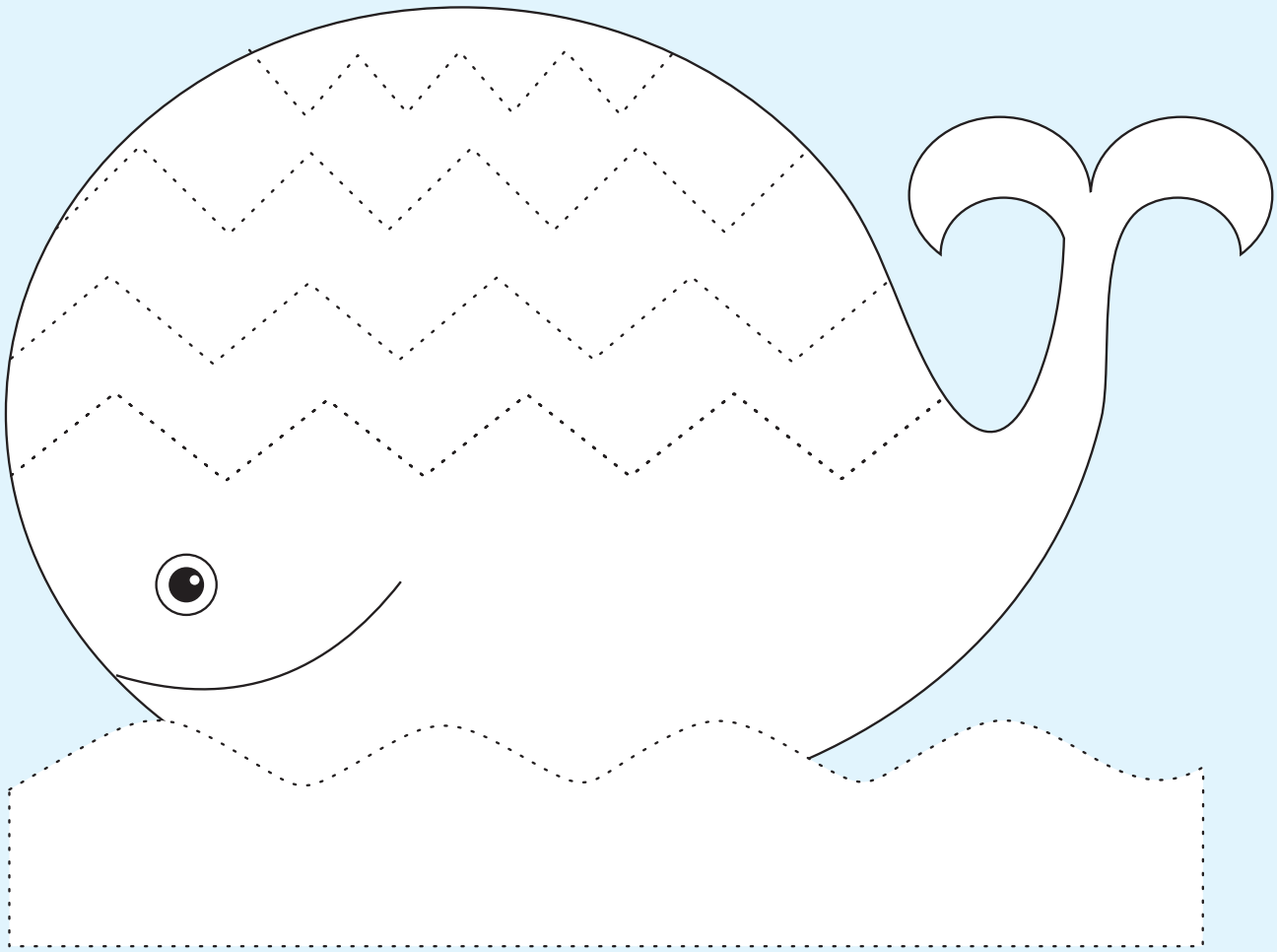


5 ṱhanu 5 5



Bola na zwibogisi

Ndi zwifhio kha izwi zwi no nga zwibogisi?
Ndi zwifhio kha izwi zwi no nga bola?





Teacher:
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Date:

11 12 13 14 15 16 17 18 19 20

Thihi

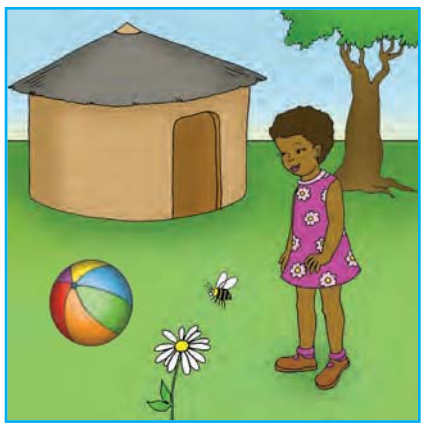
Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani maipfi.

ṋotshi nthihi

musidzana muthihi

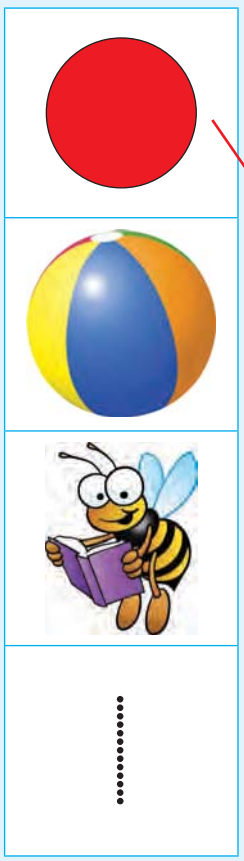
ranṋdavhula nthihi

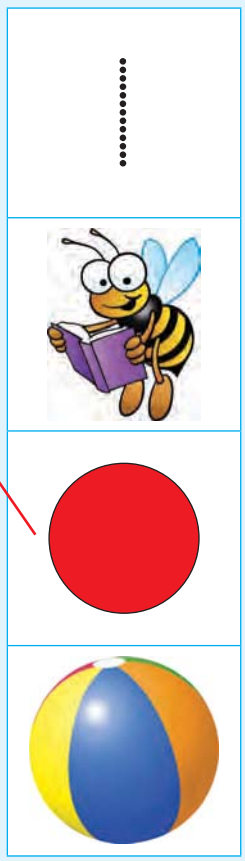
bola nthihi



Tevhedzelani nomboro.

Livhanyani zwifanyiso.

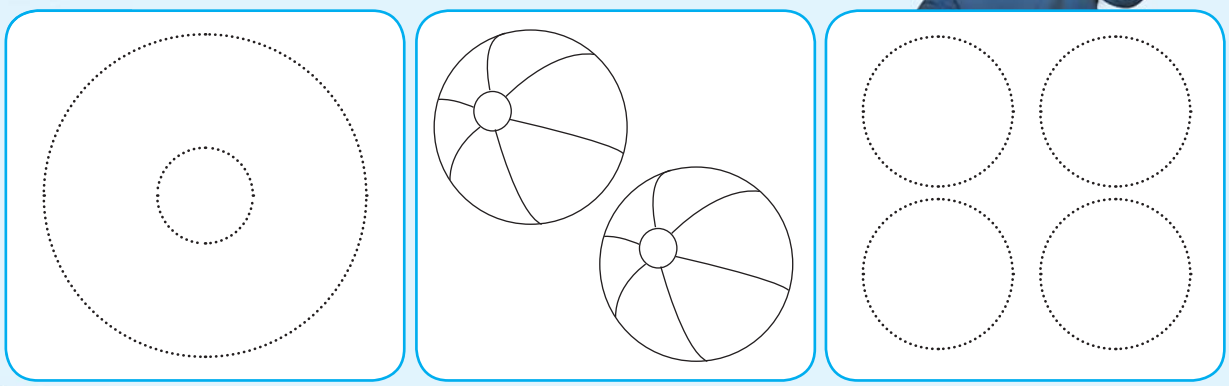




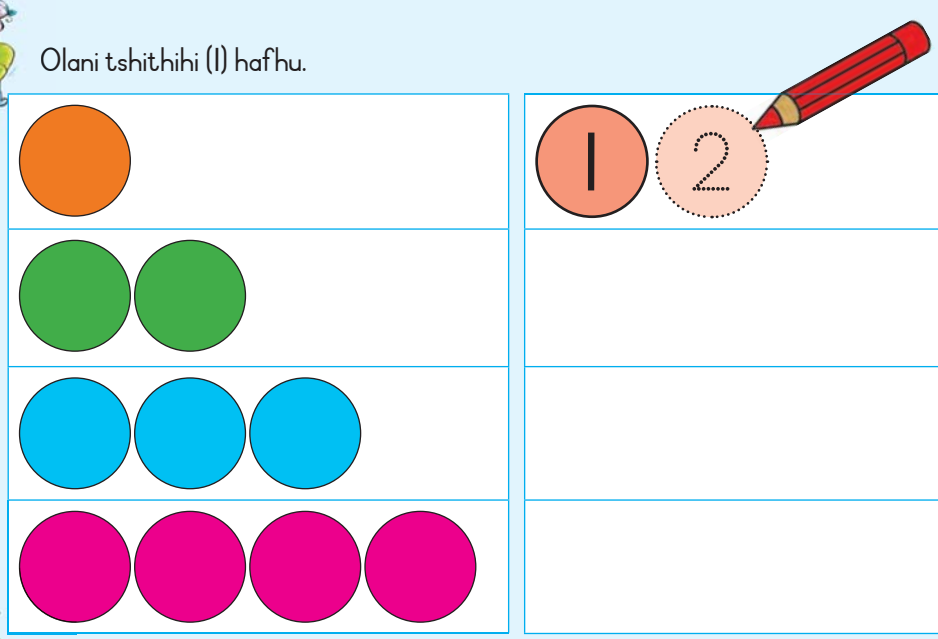




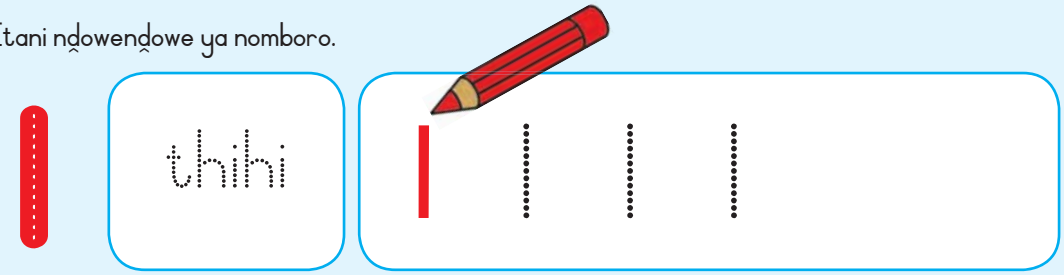
Khaḽarani I kha tshibuḽoko tshiṅwe na tshiṅwe.



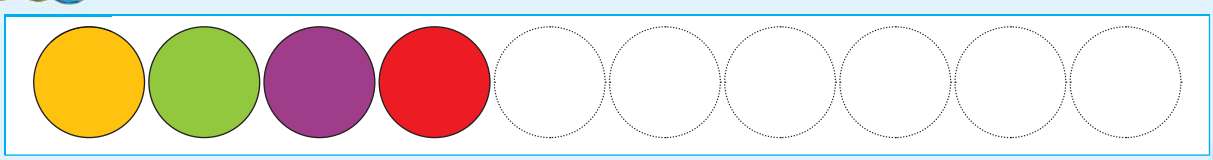
Olani tshithihi (I) hafhu.



Itani ndowendowe ya nomboro.



Khaḽarani zwitendeledzi ni tshi khou ralo u vhala.



Teacher:
Sign:
Date:

Mbili

Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani maipfi.

miri mivhili

vhatukana vhavhili

khaithi mbili

mmbwa mbili



2

Tevhedzelani nomboro.

Livhanyani zwifanyiso.

2 2 2

2 2 2

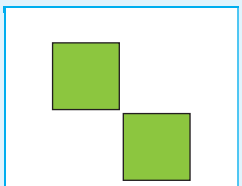
2 2 2

2 2 2

2 2 2

2 2 2

2 2 2





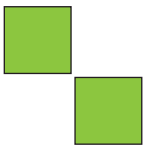


2

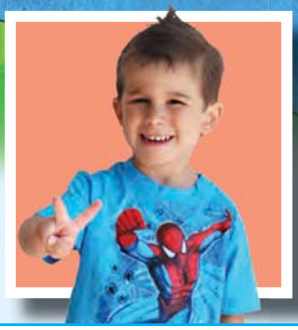
2







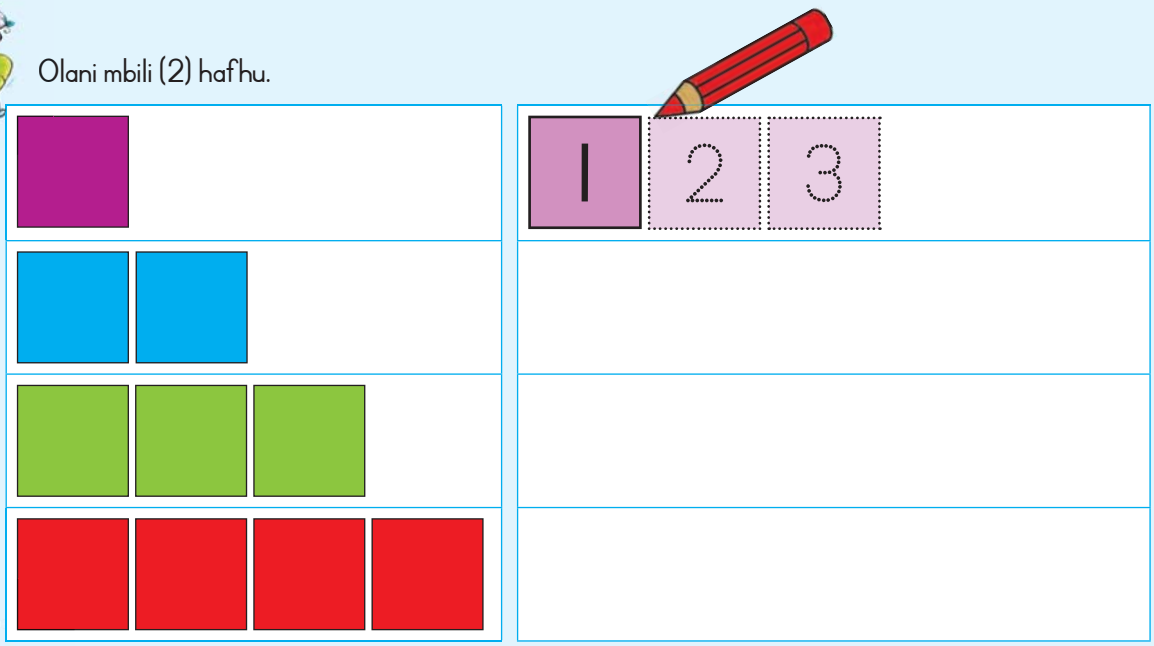




Khaḽarani 2 kha tshibuḽoko tshiṅwe na tshiṅwe.



Olani mbili (2) haf'hu.



Itani ndowendowe ya nomboro.

2 mbili 2 2 2 2

Khaḽarani zwikwea ni tshi khou ralo u vhala.



Teacher:
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Date:

Raru

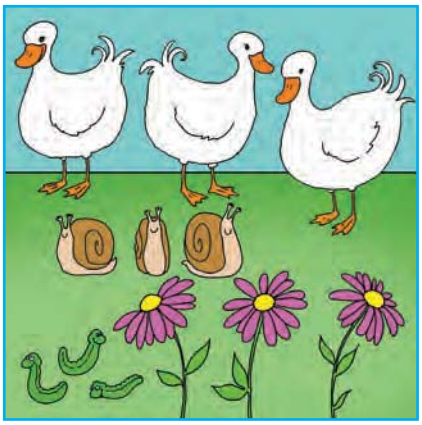
Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani maipfi.

masekwa mararu

khumba tharu

maluvha mararu

mbungu tharu



3

Tevhedzelani nomboro.

3 3 3

3 3 3

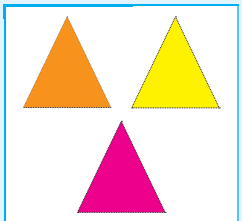
3 3 3

3 3 3

3 3 3

3 3 3

Livhanyani zwifanyiso.



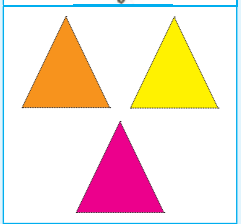




3

3





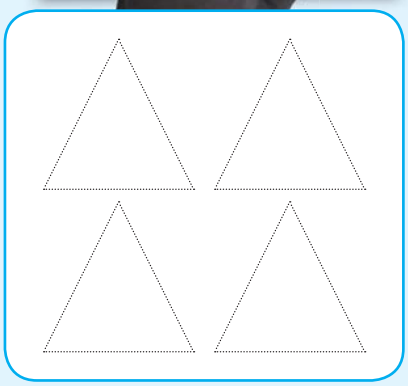




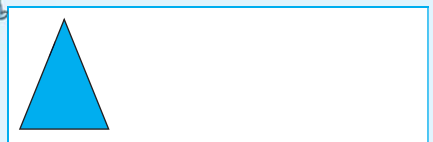
Khaḽarani 3.

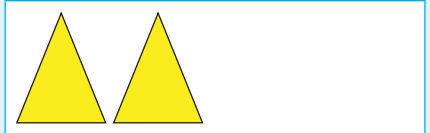


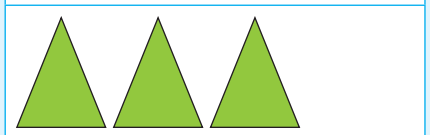


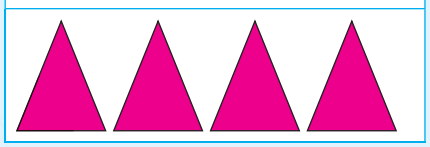


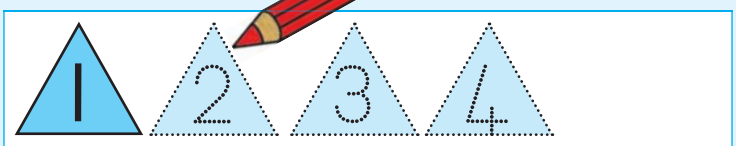
Olani tharu (3) hafhu.



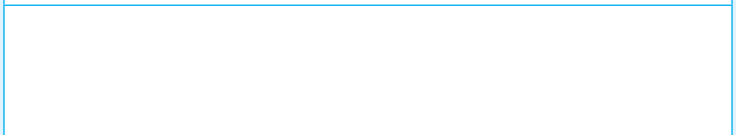


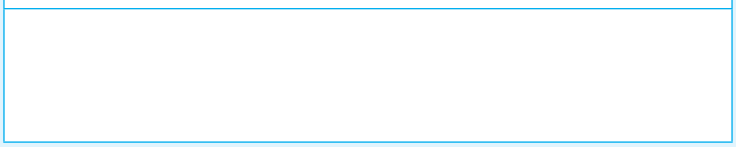












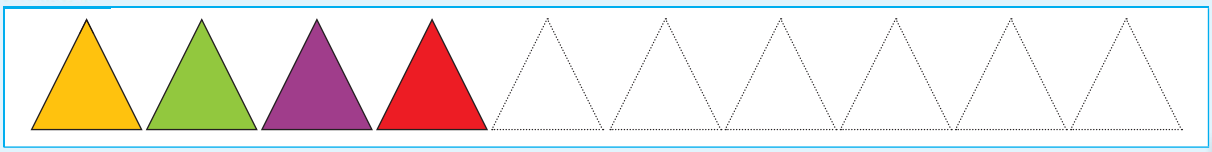
Itani ndowendowe ya nomboro.

3

raru

3 3 3 3

Khaḽarani thiraiengele ni tshi khou ralo u vhala.





Iṋa



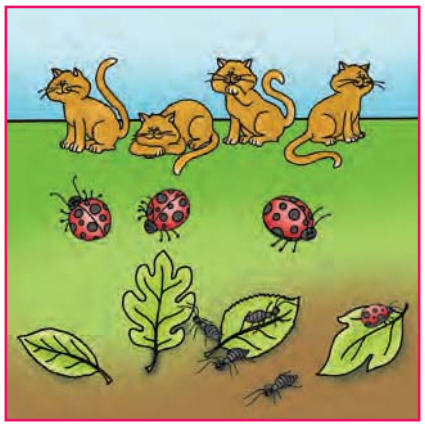
Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani maipfi.

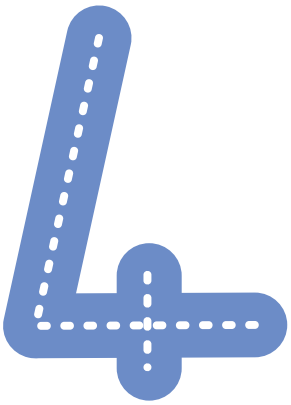
zwimange zwiṋa

vhusunzi vhuṋa

maṱari maṋa

zwikhokhonono zwiṋa



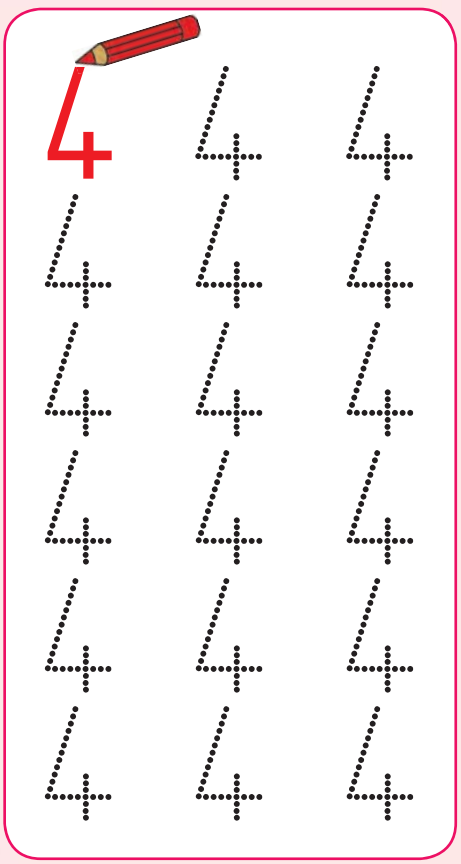


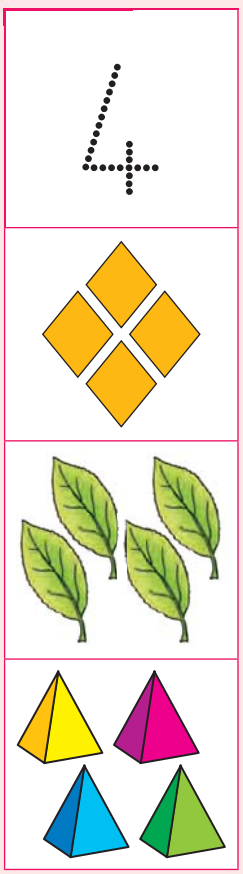


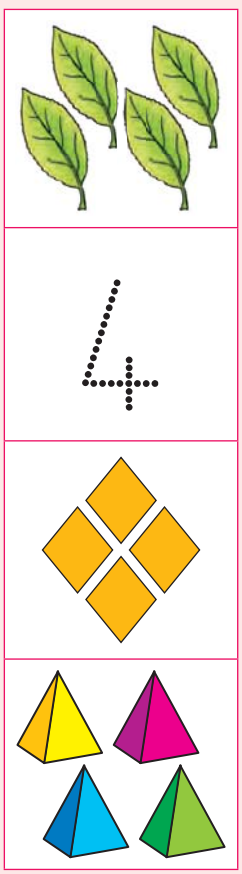
Tevhedzelani nomboro.



Livhanyani zwifanyiso.

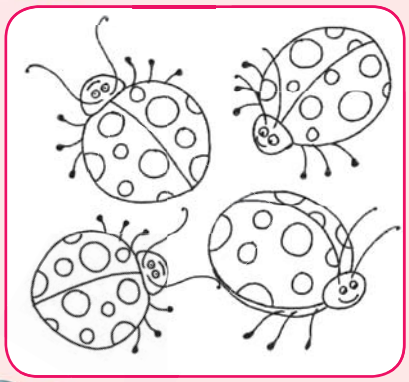


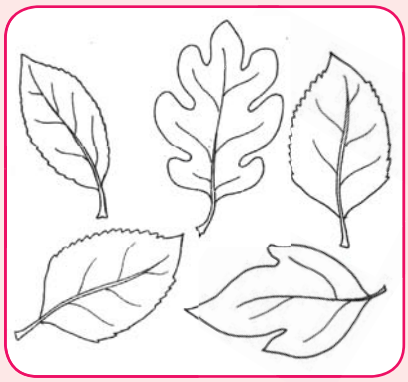


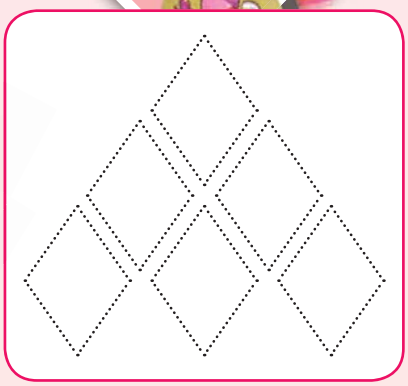




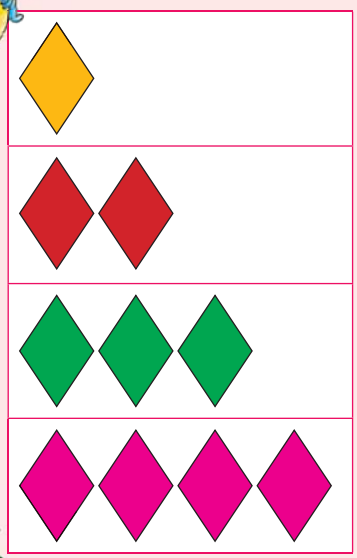
Khaḽarani 4 kha tshibuḽoko tshiṅwe na tshiṅwe.

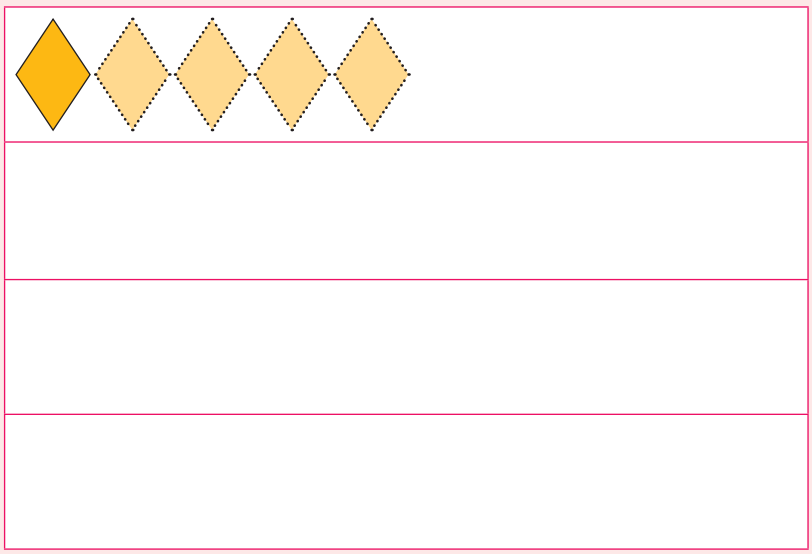






Olani nṋa (4) hafhu.





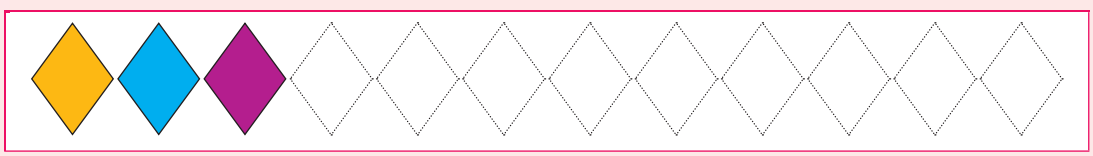
Itani nḍowenḍowe ya nomboro.

4

ina

4 4 4 4

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



Teacher:
Sign:
Date:

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Ṱhanu

Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani maipfi.

thedibee ṱhanu

maḽegere maṱanu

ṋaledzi ṱhanu

zwiṱirepe zwiṱanu



5

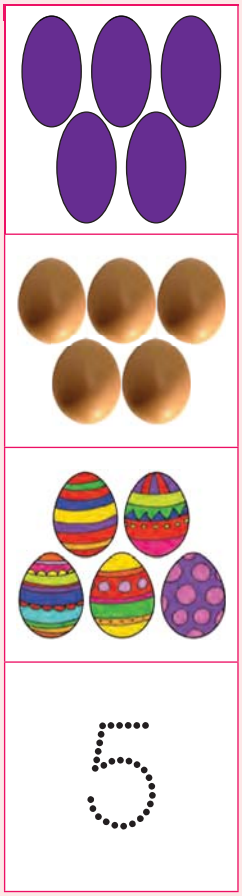


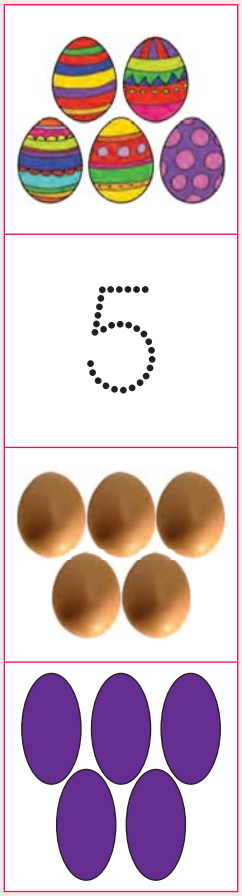
Tevhedzelani nomboro.



Livhanyani zwifanyiso.

5 5 5
5 5 5
5 5 5
5 5 5
5 5 5
5 5 5

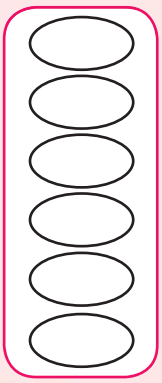




5



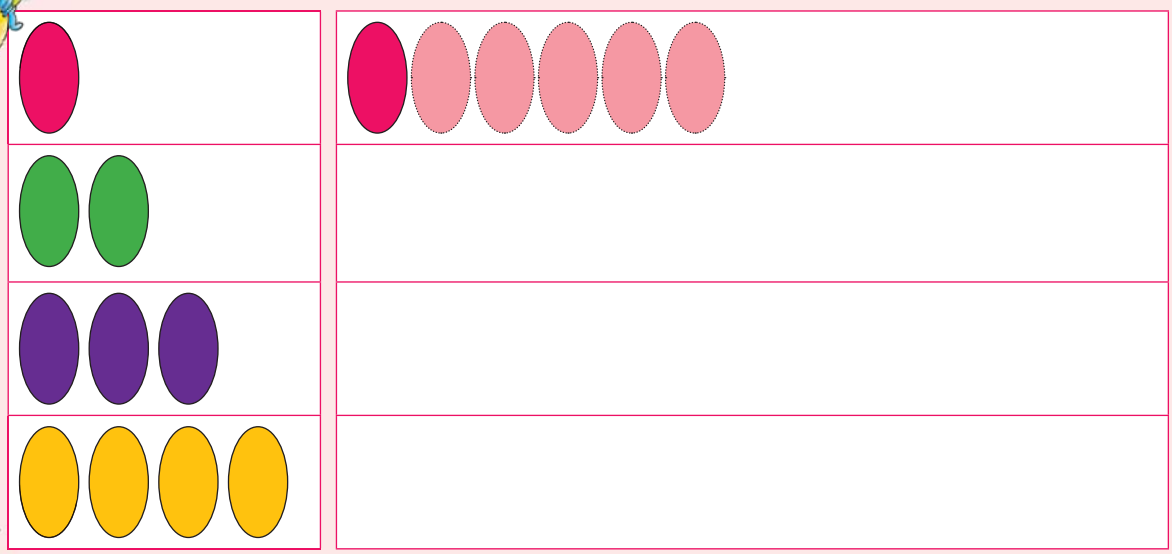
Khaḽarani 5 kha tshibuḽoko tshiṅwe na tshiṅwe.







Olani maṱanu (5) hafhu.

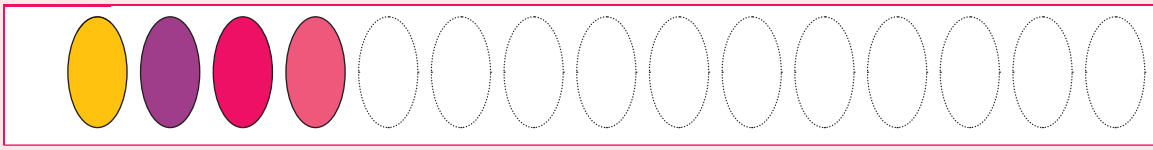


Itani nḓowenḓowe ya nomboro.

5 ṱhanu

5 5 5 5

Khaḽarani makumba (ovaḽa) ni tshi khou ralo u vhala.



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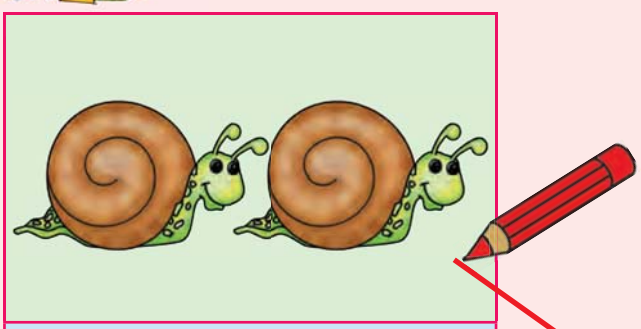
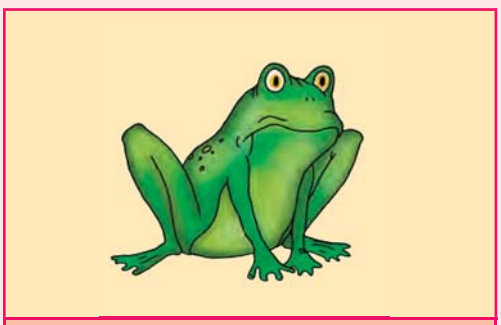
Date:

11 12 13 14 15 16 17 18 19 20

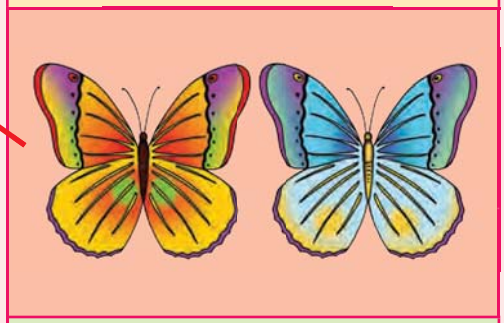
U livhanya

Talani mutalo u itela u ṱumekanya zwibogisi zwine zwa vha na tshivhalo tshi no lingana tsha zwithu.





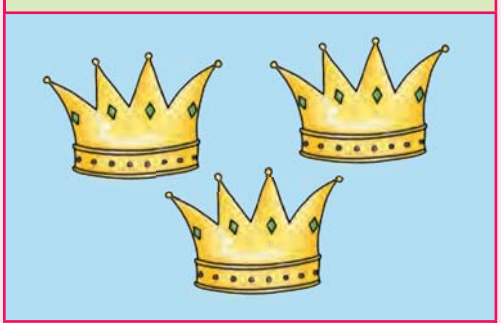














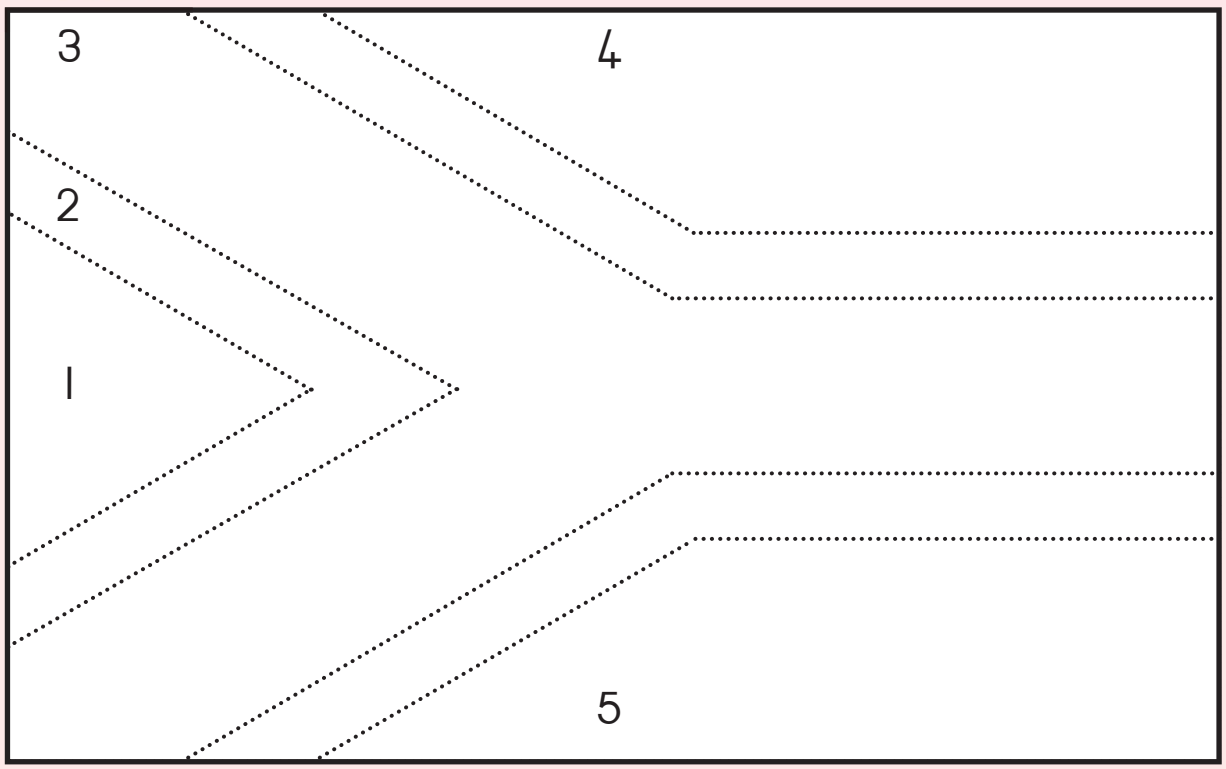




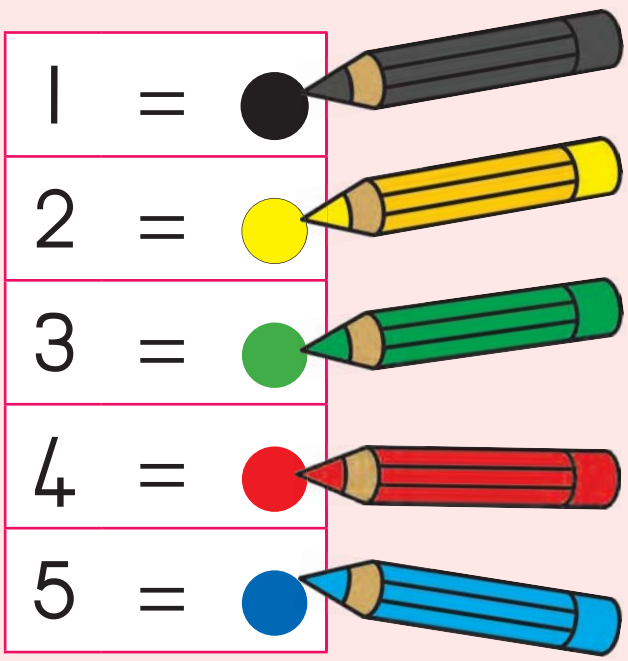
U khaḽara nga nomboro



Khaḽarani fuḽaga. Nomboro iṅwe na iṅwe i ni vhudza uri ni shumise muvhala uf hio.







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11 12 13 14 15 16 17 18 19 20



Nomboro

Itani ndowendowe ya u ṅwala nomboro idzi.

1 2 3 4 5

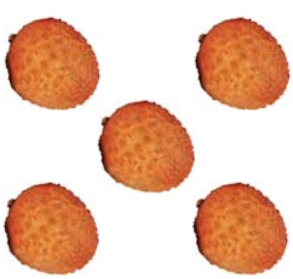


Tangedzelani nomboro i re yone.

	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



Ṅwalani madzina a nomboro.

	1	thihi
	2	mbili
	3	naru
	4	ina
	5	ṱhanu

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U ṱalukanya muvhili

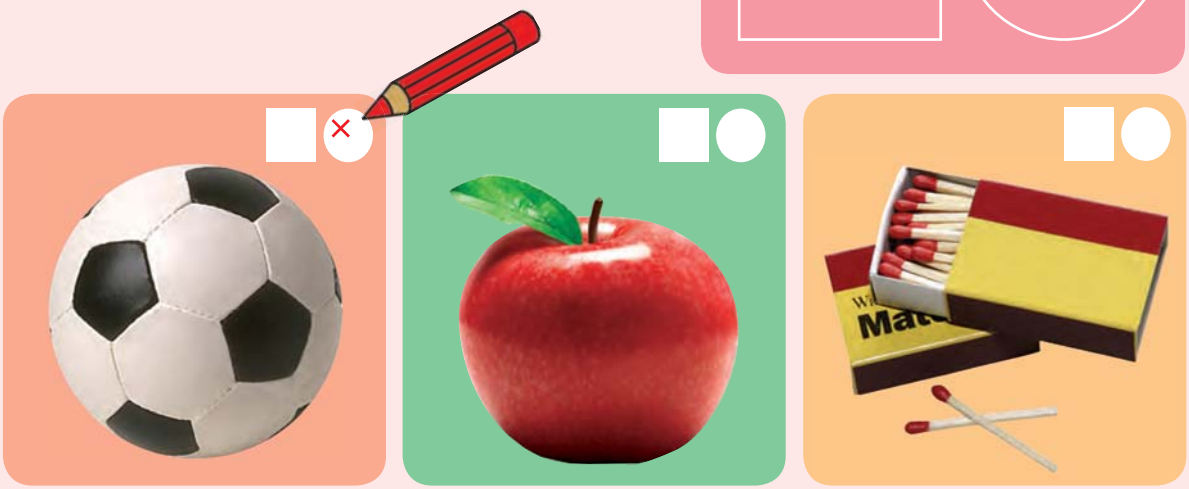
Edzisani havha vhana. Ni wane tshifanyiso tshi no yelana na tshi re tshibogisini tsha u thoma kha rou iṅwe na iṅwe.



Bola na zwibogisi

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









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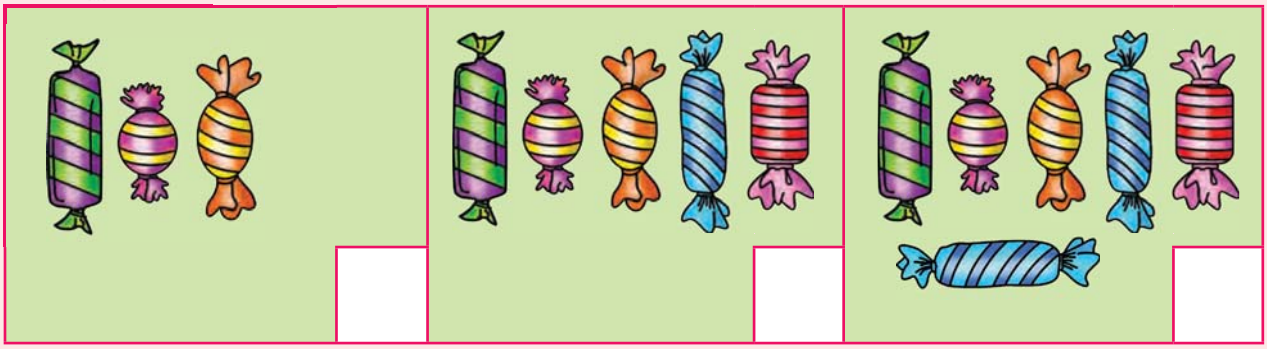
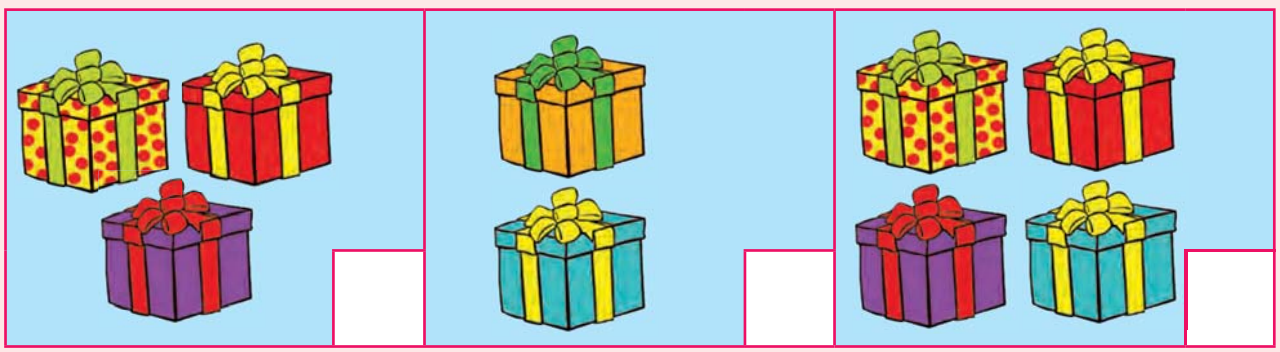
Zwinzhi kana zwiṱuku

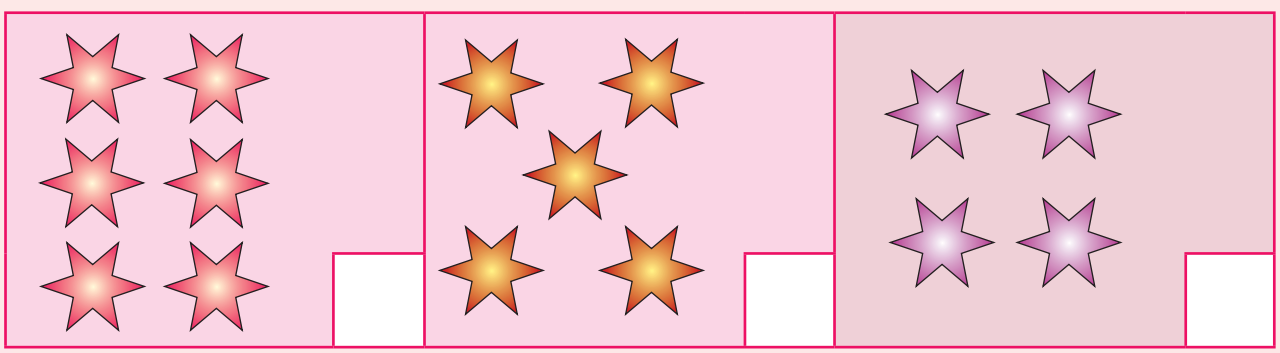
Kha rou iṅwe na iṅwe, jenisani tshifhambano kubogisini ku re na zwinzhi.





Zwino, mudubani muṅwe na muṅwe, jenisani tshifhambano kubogisini ku re na zwiṱuku.



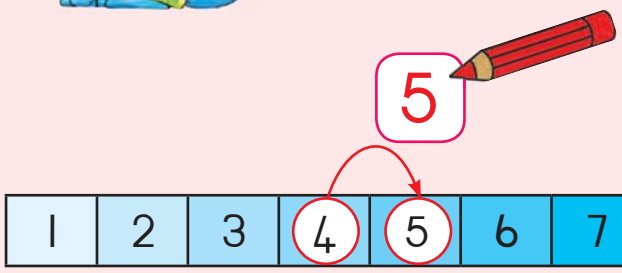




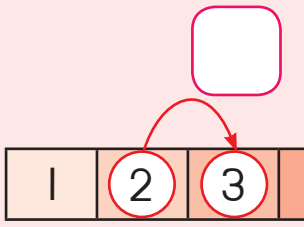
U ṱanganya kha mutalombalo



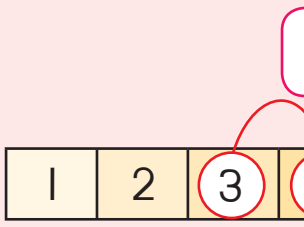
Ṱanganyani na tshiṅwe hafhu ni jenise phindulo.



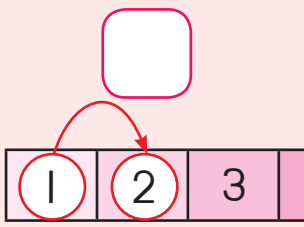
4 + 1 = 5



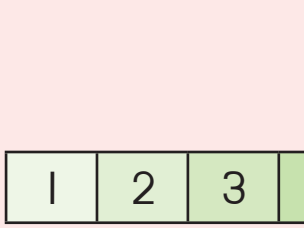
2 + 1 = ☐



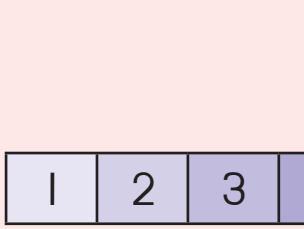
3 + 1 = ☐



1 + 1 = ☐



5 + 1 = ☐



9 + 1 = ☐



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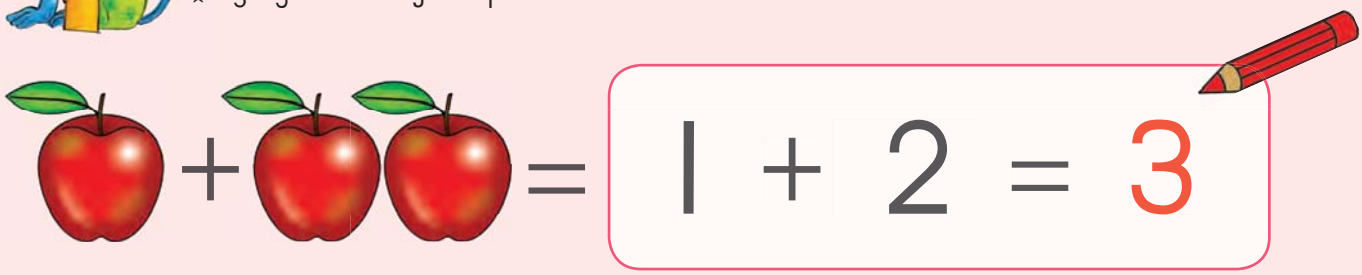
22b

U ṱanganya na u ṱusa 1-5

Ṱanganyani hezwi ni jenise phindulo.



1 + 2 = 3

2 + 2 = ...

3 + 1 = ...

1 + 3 = ...

2 + 3 = ...

1 2 3 4 5 6 7 8 9 10





Edzisani hezwi.

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

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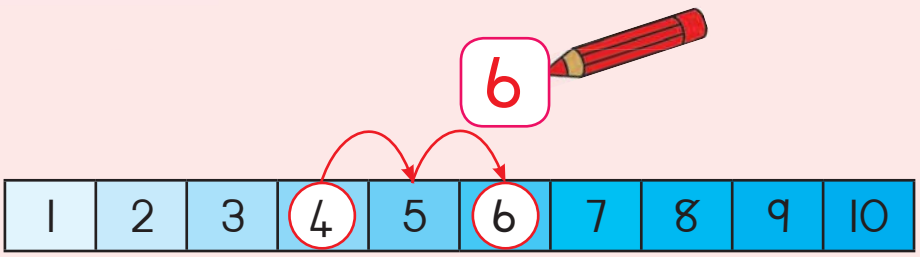
11 12 13 14 15 16 17 18 19 20



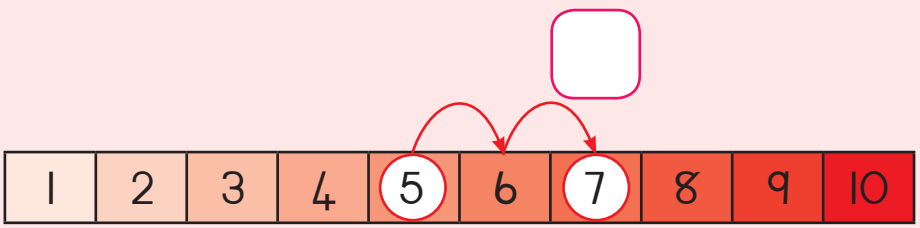


U ṱanganya zwiṅwe zwivhili

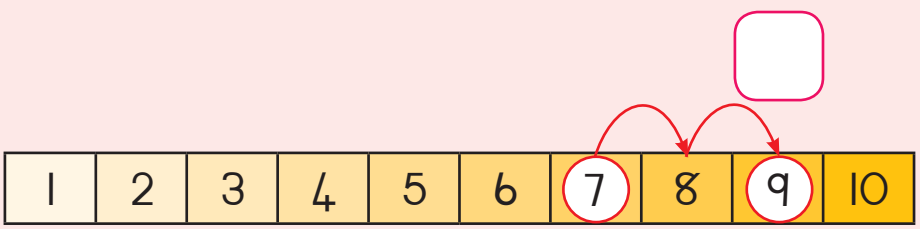
Ṱanganyani na zwiṅwe zwivhili hafhu ni jenise phindulo.



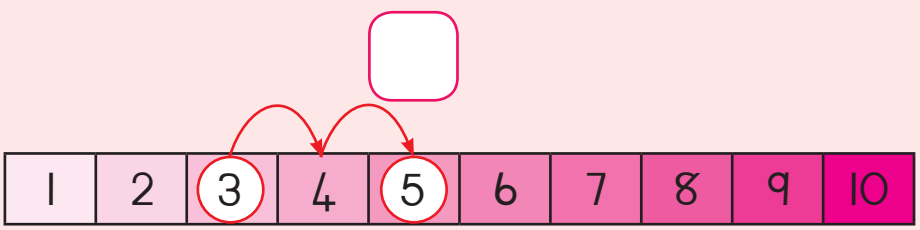
4 + 2 = 6



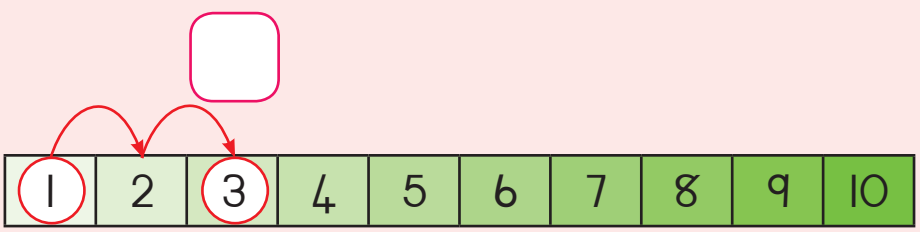
5 + 2 = ☐



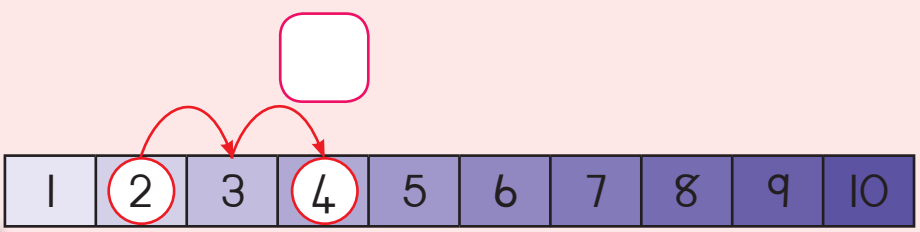
7 + 2 = ☐



3 + 2 = ☐



1 + 2 = ☐



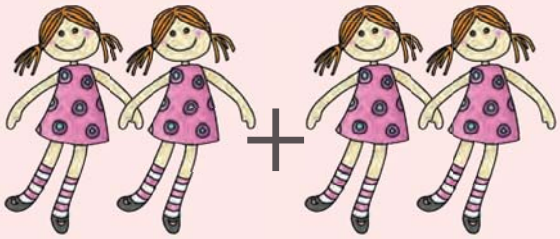
2 + 2 = ☐



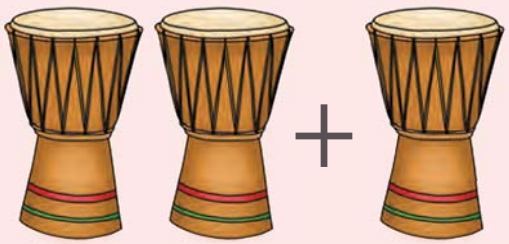


U ţanganya

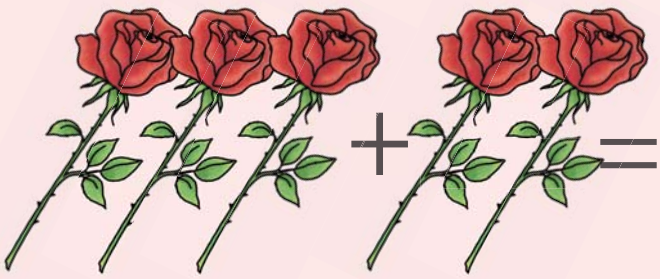
Ţanganyani hezwi ni jenise phindulo.



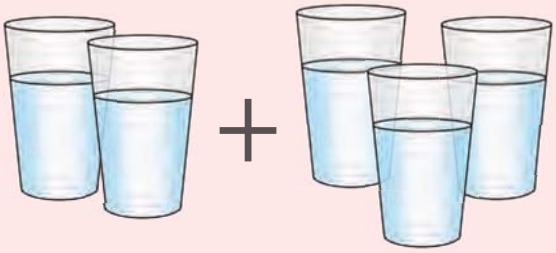
2 + 2 = 4



2 + 1 = ...



3 + 2 = ...



2 + 3 = ...



2 + 4 = ...

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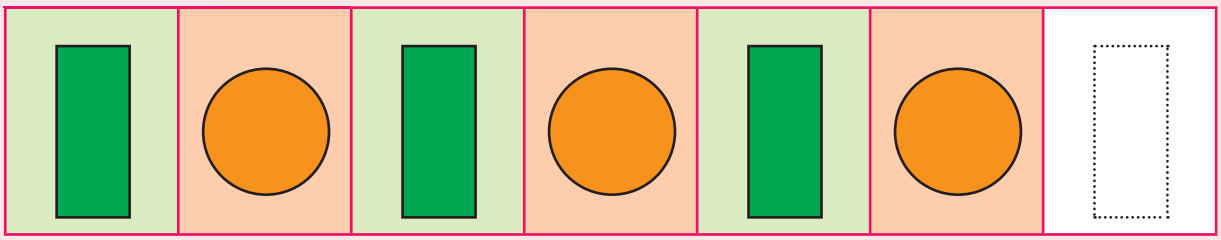
11 12 13 14 15 16 17 18 19 20

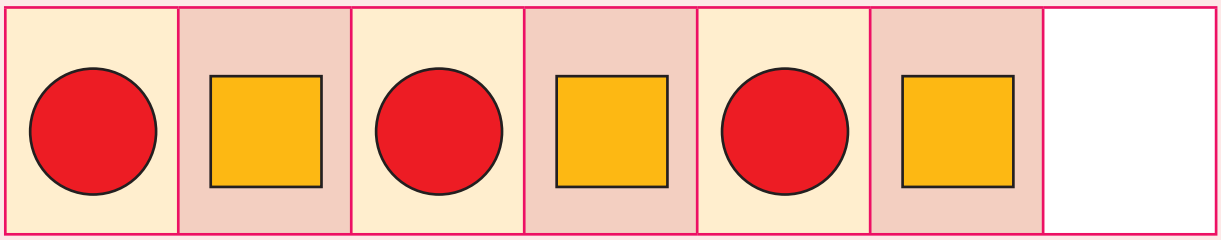


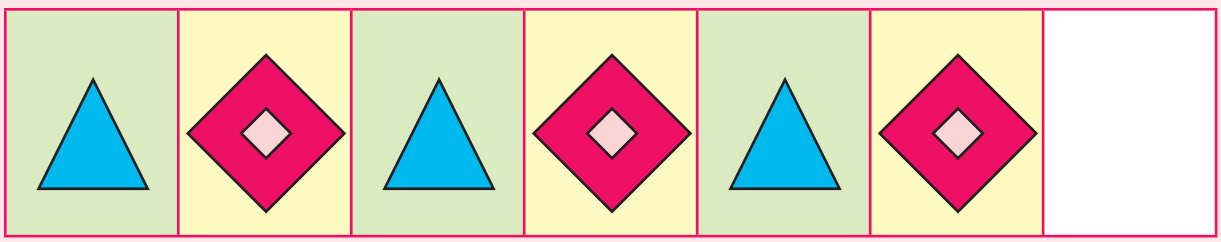


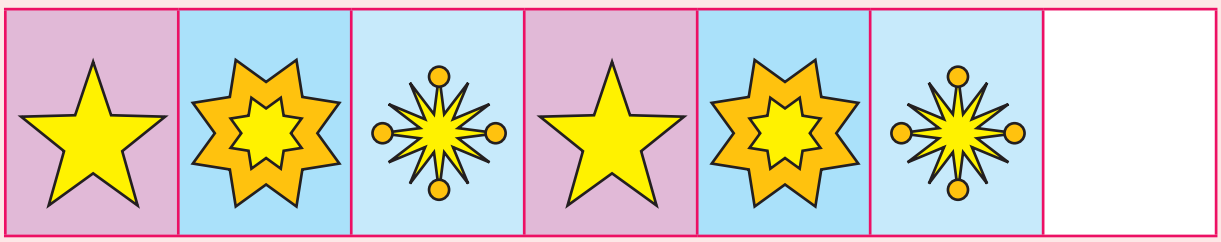
Hu tevhela mini?

Bulani uri hu tevhela mini. Tshi oleni arali ni tshi nga kona.





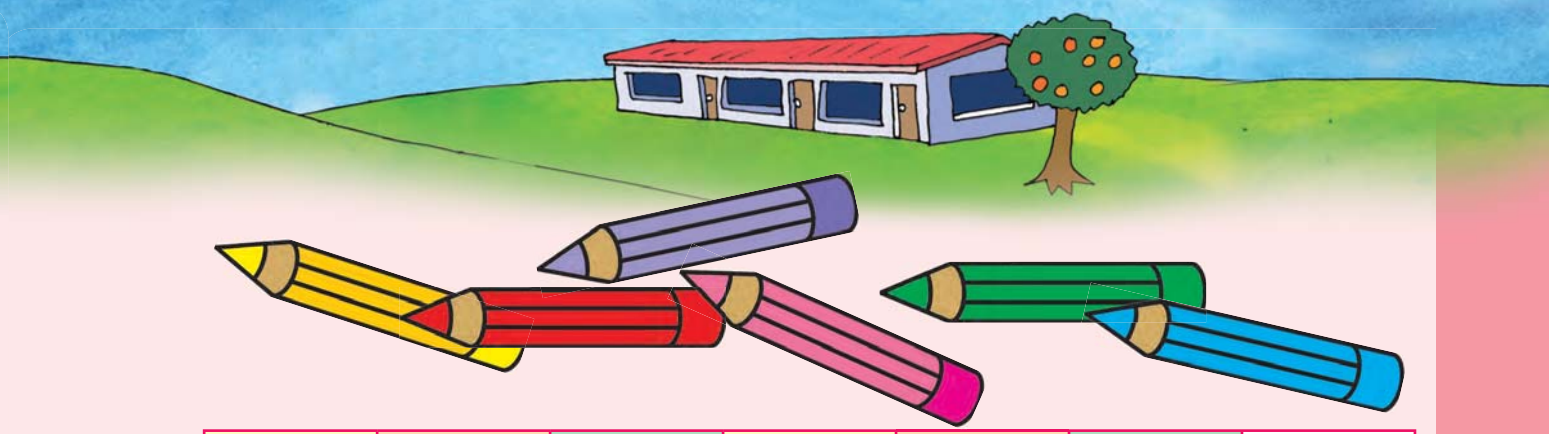


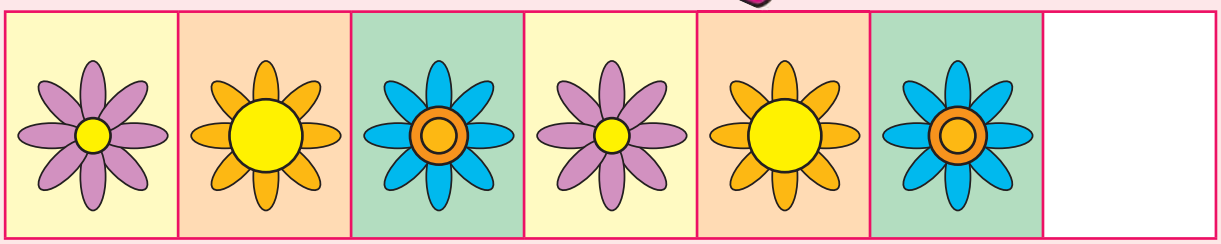


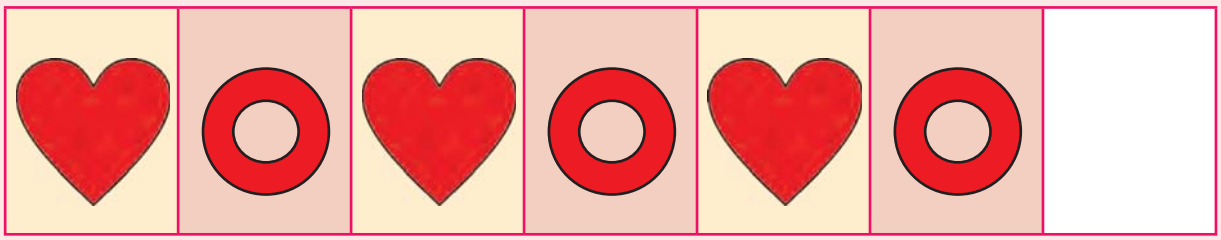
1	2	3	1	2	3	

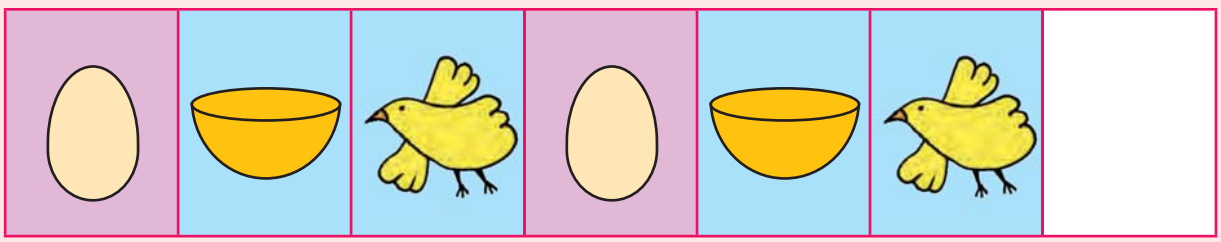
3	4	5	3	4	5	

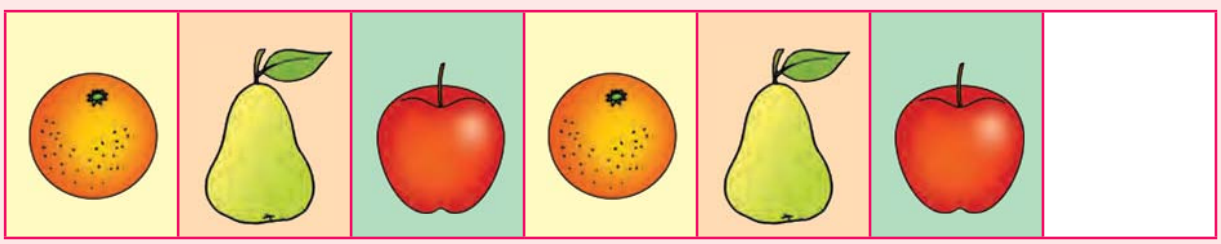


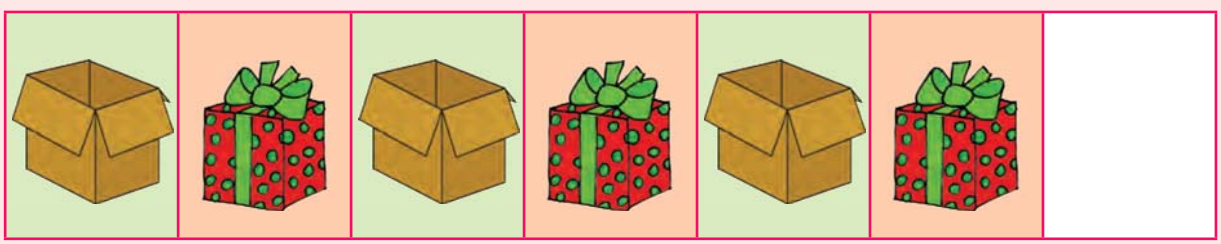


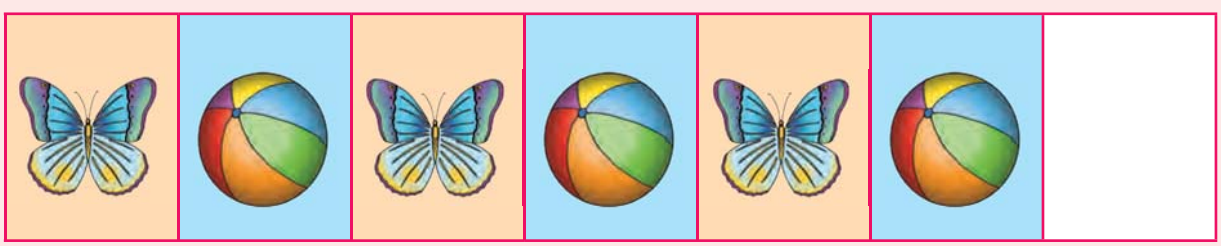












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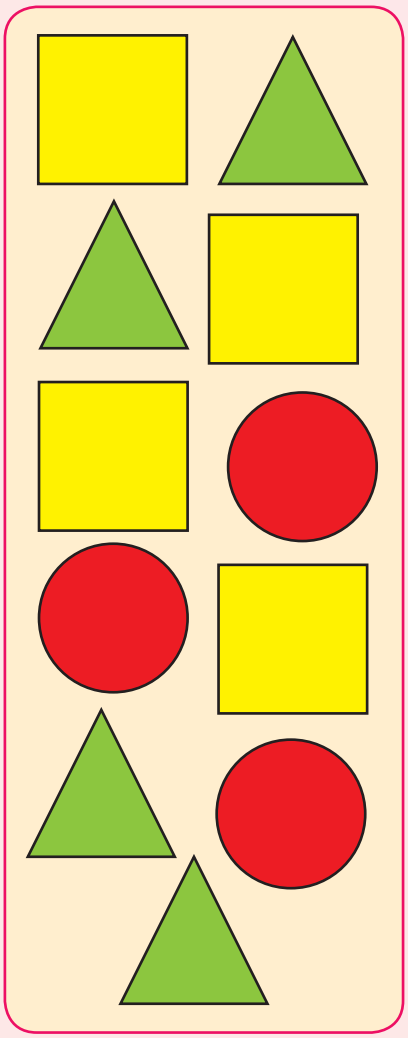
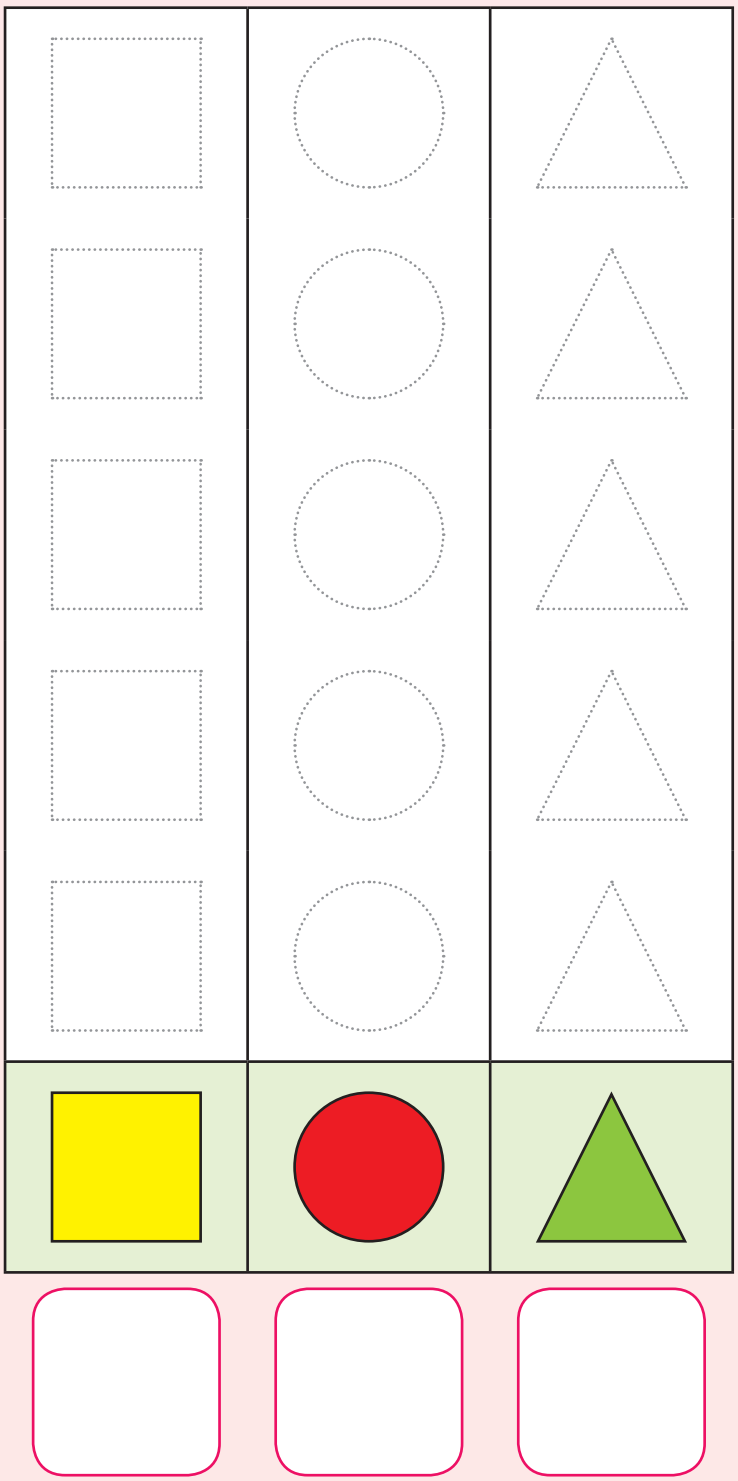
U shumisa data

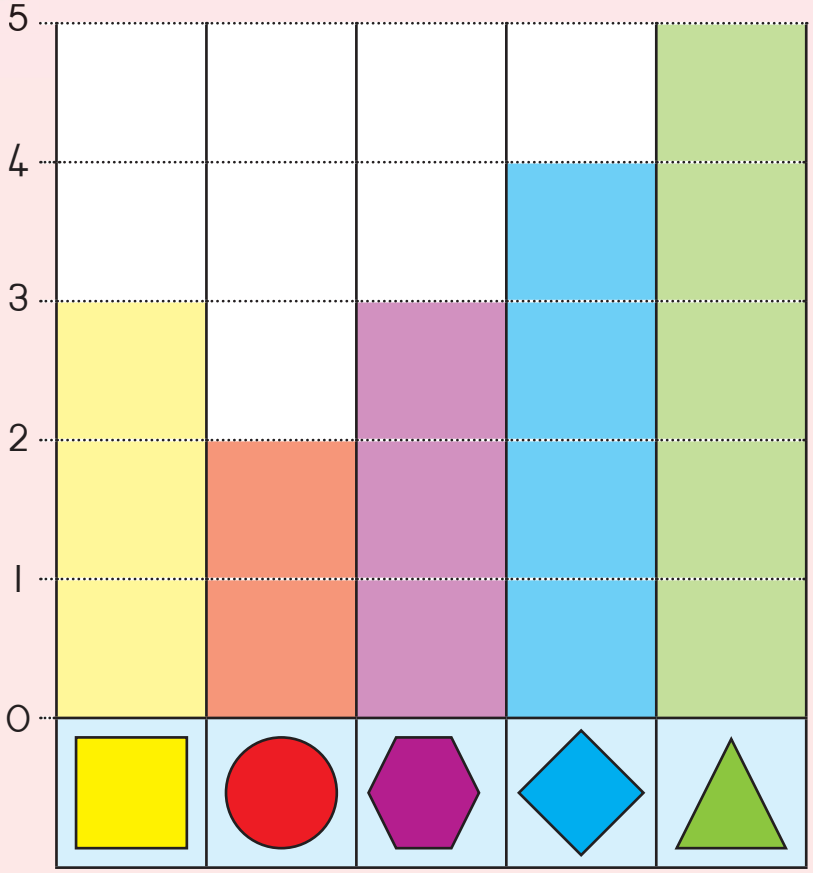
Olani hafhu zwivhumbeo zwi re kha girafu ya zwifanyiso ni ṅwale nomboro ya tshiṅwe na tshiṅwe nga fhasi.



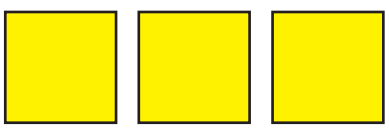


Vhalani girafu

Lavhelesani girafu. Tshibuḽoko tshiṅwe na tshiṅwe tsho imela tshivhumbeo.



Vhalani girafu ni wane uri hu na zwivhumbeo zwingana. Olani zwivhumbeo nga fhasi.



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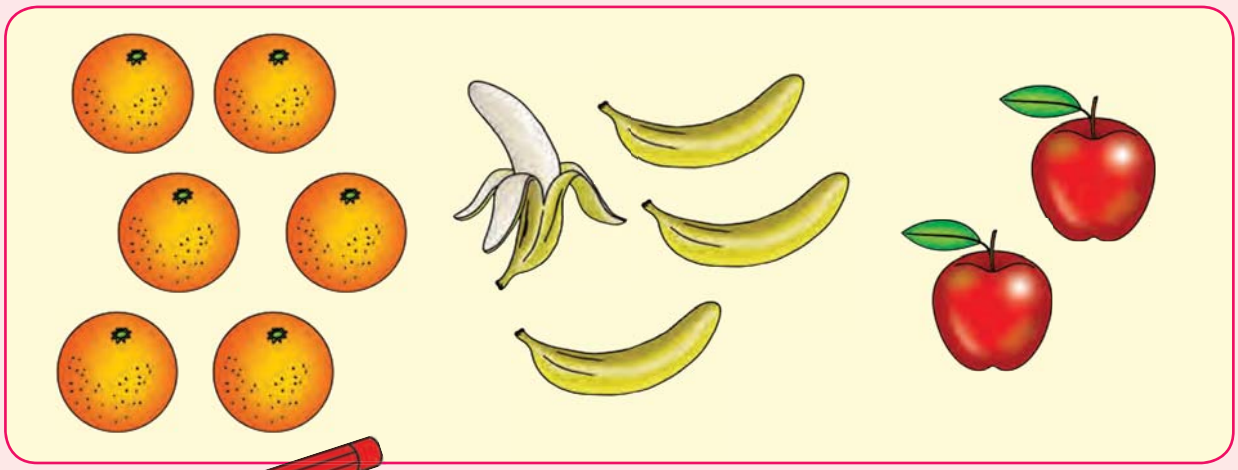
Date:



Kha ri kovhekane

Vhalani maswiri, miomva na maapula ni ṅwale tshivhalo. tshazwo kha zwibuḽoko.

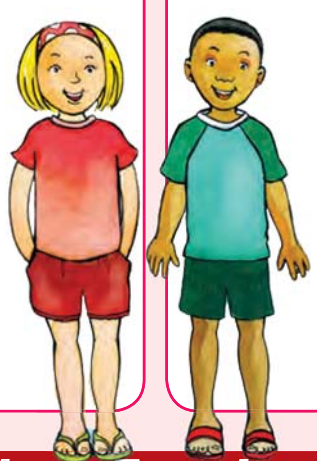


6 maswiri

miomva

maapula

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



U kovhana na data

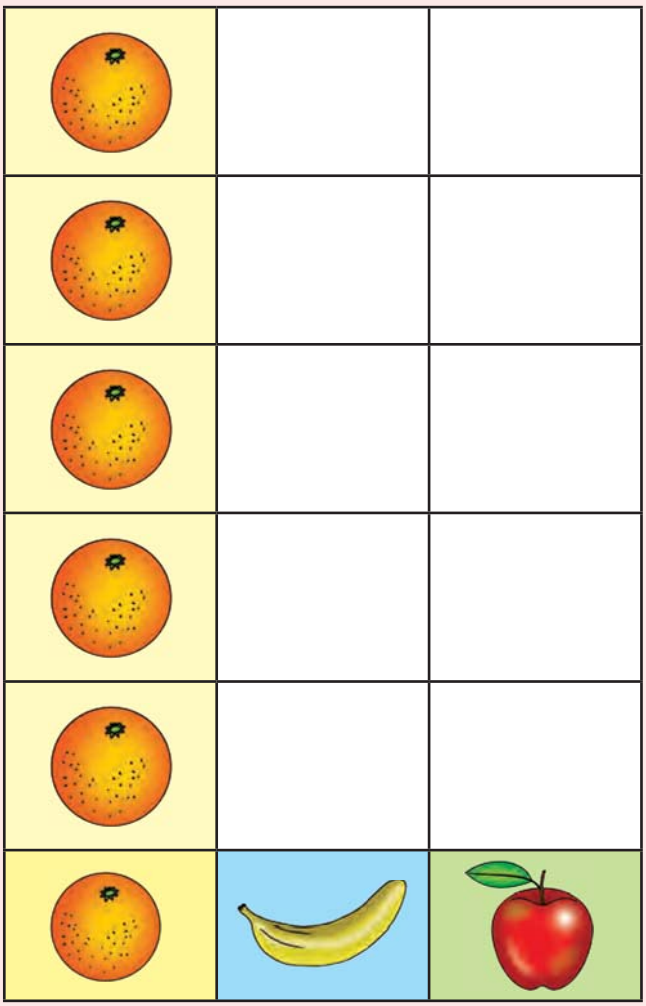
MITSHELO		
maapula		2
miomva		4
maswiri		5

Arali vhana vhavhili vha tshi nga kovhana miomva i tshi lingana, muṅwe na muṅwe wavho u ḓo wana mingana?

Arali vhana vhavhili vha tshi nga kovhana maapula a tshi lingana, muṅwe na muṅwe wavho u ḓo wana mangana?

Ṅwana muṅwe na muṅwe u ḓo wana maswiri mangana arali vhana vhaṱanu vha tshi nga kovhana a tshi lingana?

Olani tshivhalo tsha maapula na miomva.



Itani thiki kha phindulo i re yone.

Hu na maswiri manzhi u fhira miomva?



Hu na maapula manzhi u fhira miomva?



Hu na maswiri manzhi u fhira maapula?



Teacher:
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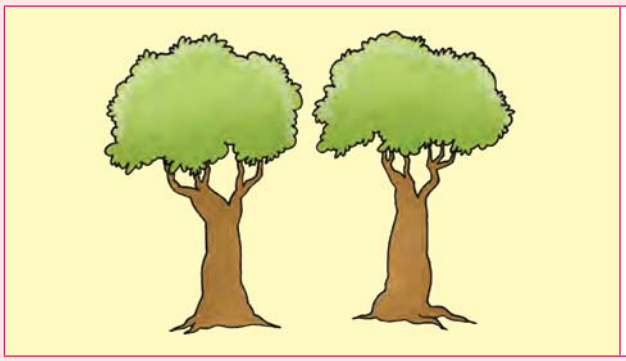
U kovhana zwi tshi lingana

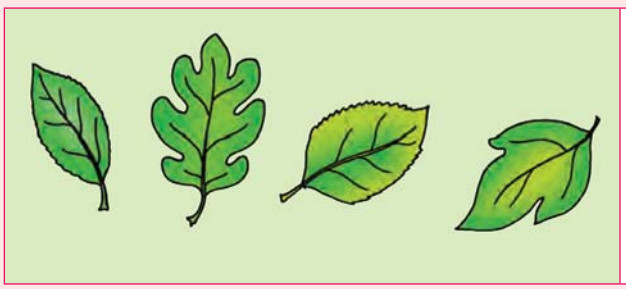
Khethekanyani vhulungu vhutswuku vhu tshi lingana.
Vhu vhaleni musi ni tshi khou vhu khaḽara.



4 = 2 + 2

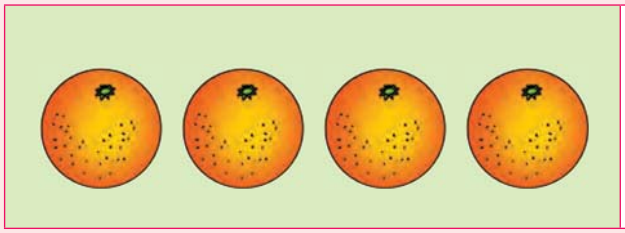


__ = __ + __

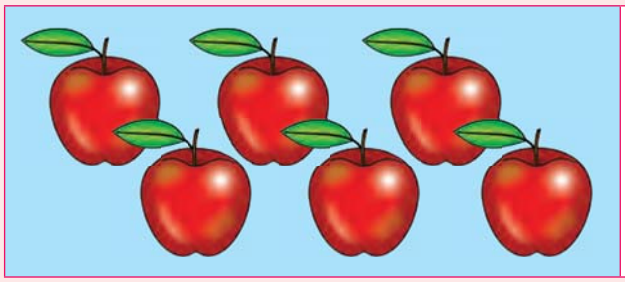


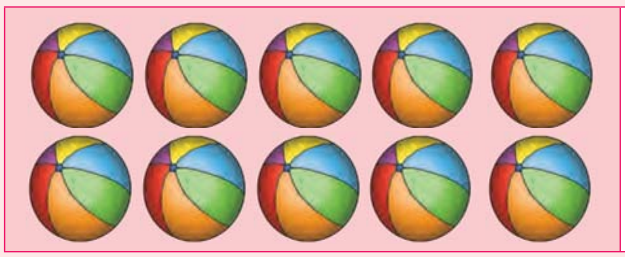
__ = __ + __











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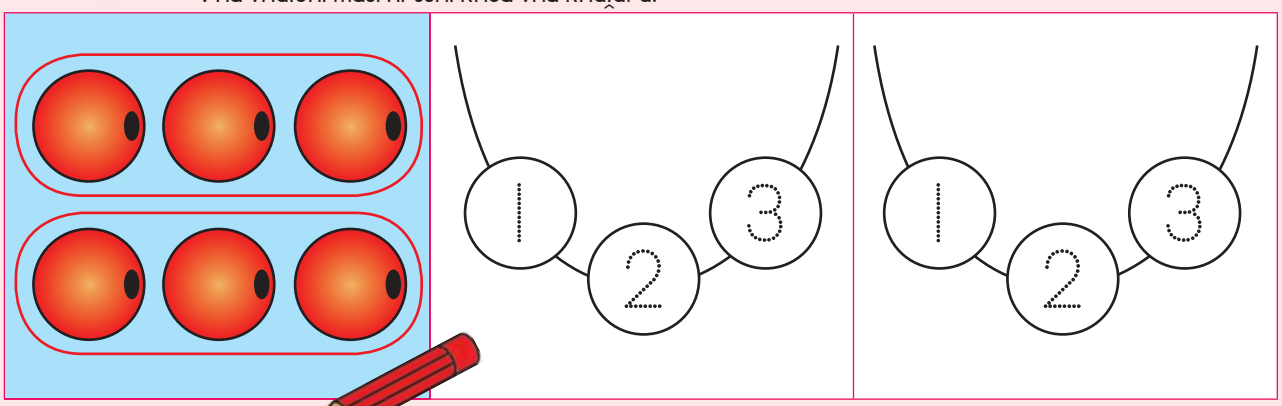
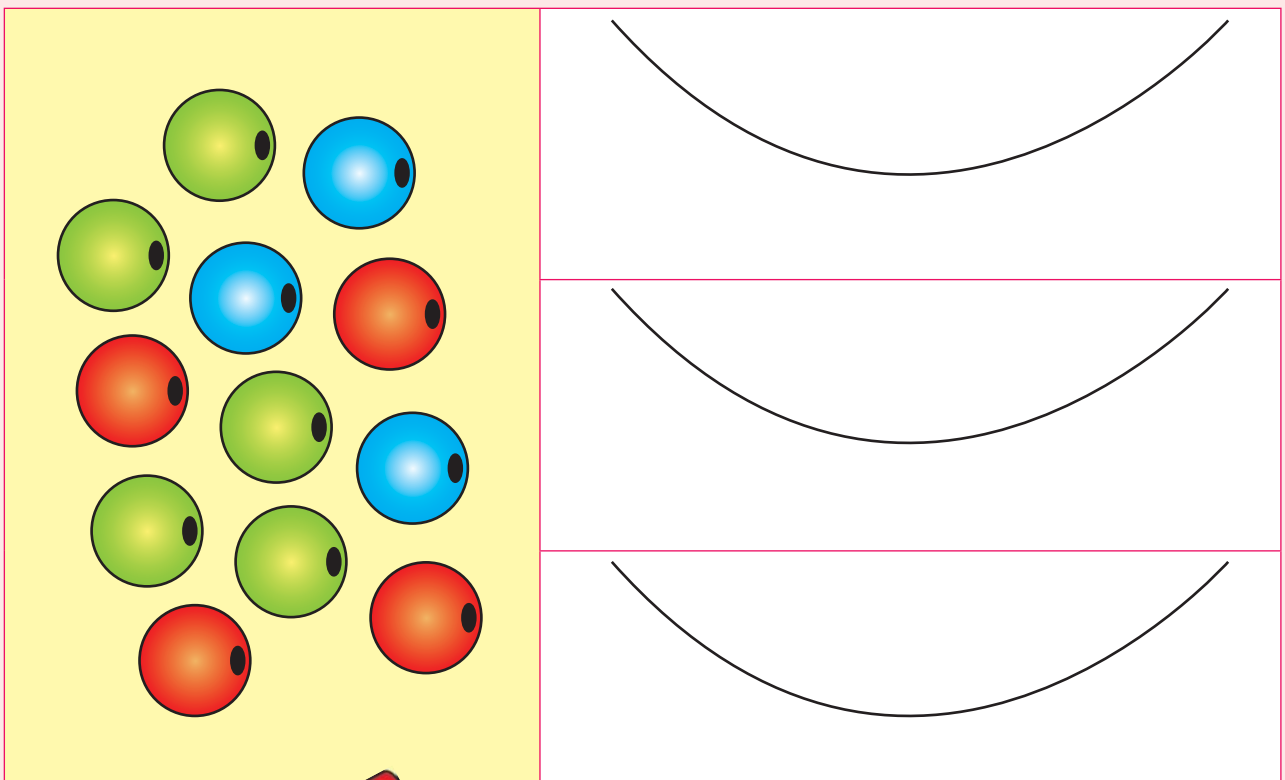
U kovhana zwi tshi lingana

Khethekanyani vhulungu vhutswuku vhu tshi lingana.
Vhu vhaleni musi ni tshi khou vhu khaḽara.



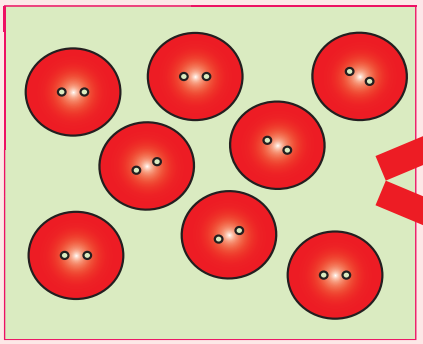
6 = 3 + 3

Kovhelani vhulungu zwigwada zwiraru tshivhalo tshi no lingana.



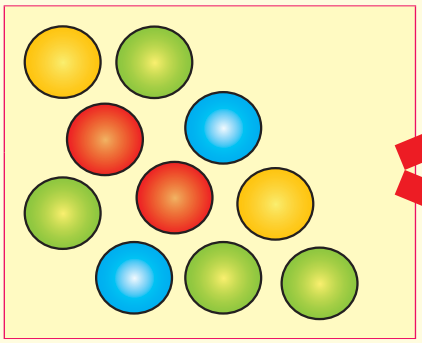
= + +

Olani hafhu gunubu dzi kha zwigwada zwivhili zwi no lingana. Ṅwalani ṱhanganyelo.



= +

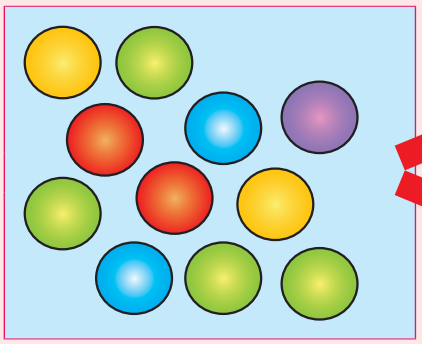
Kovhani mimavhuḽu ya 10 kha vhana vha 2 ni kone u fhindula mbudziso.



Wana uri muṅwe na muṅwe o wana mingana?

Ho sala mingana?

Kovhani mimavhuḽu ya 11 kha vhana vha 2 ni kone u fhindula mbudziso.



Ṅwana muṅwe na muṅwe o wana mingana?

Ho sala mingana?

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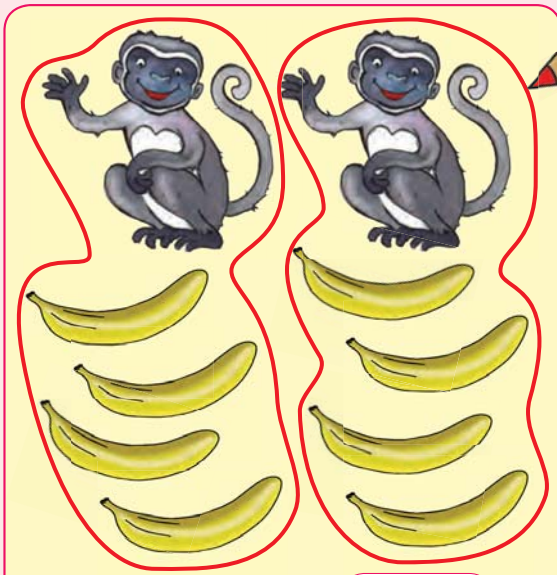
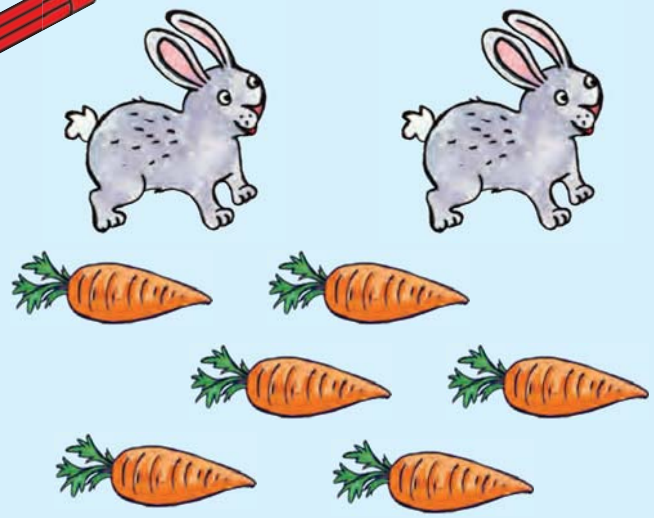
U kovhana zwi tshi lingana

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

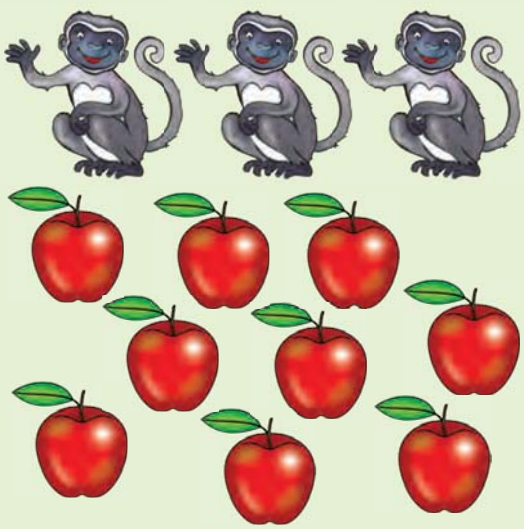


Ṱhoho iṅwe na iṅwe yo wana miomva mingana?

4

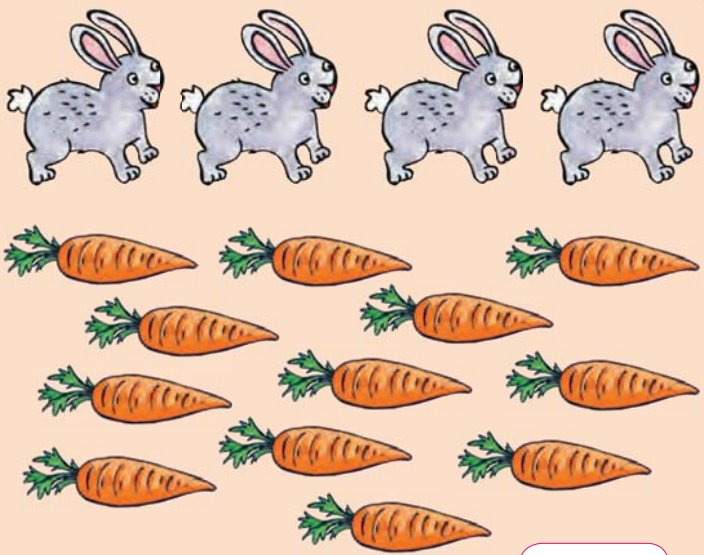


Ṱhoho iṅwe na iṅwe yo wana kherotsi nngana?



Ṱhoho iṅwe na iṅwe yo wana maapula mangana?

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

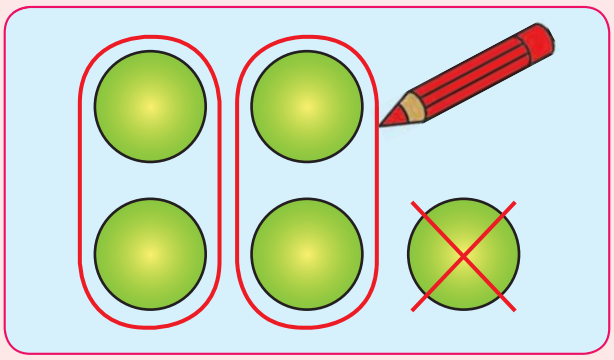


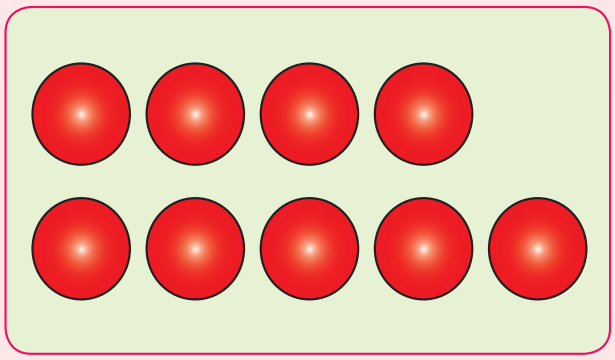
Muvhuḓa muṅwe na muṅwe wo wana kherotsi nngana?

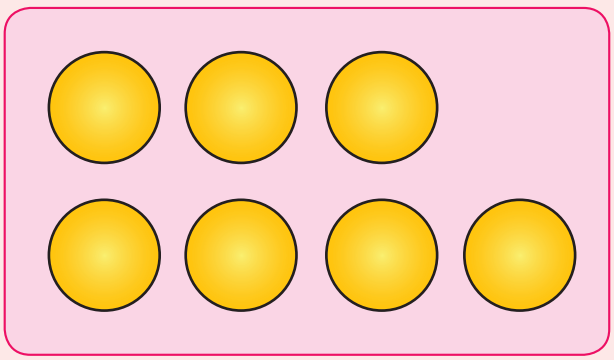
Ho sala dziṅwe kherotsi musi dzo no kovhiwa dzi tshi lingana?

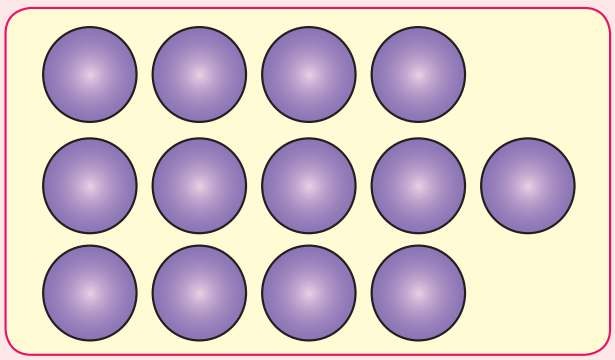
U vhekanya nga zwiṱahe

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

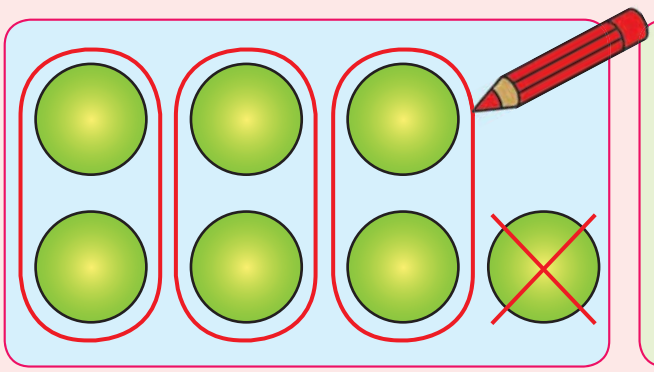


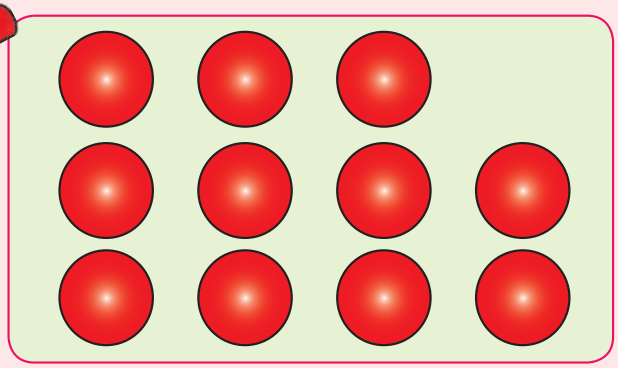


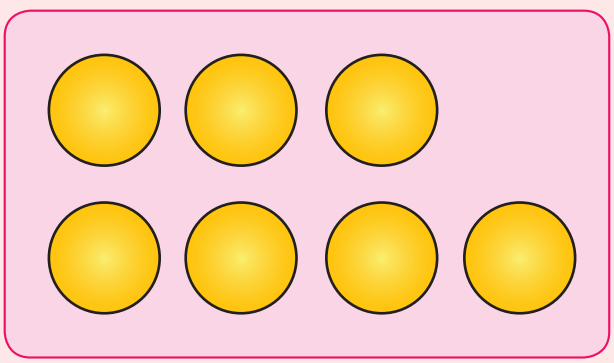


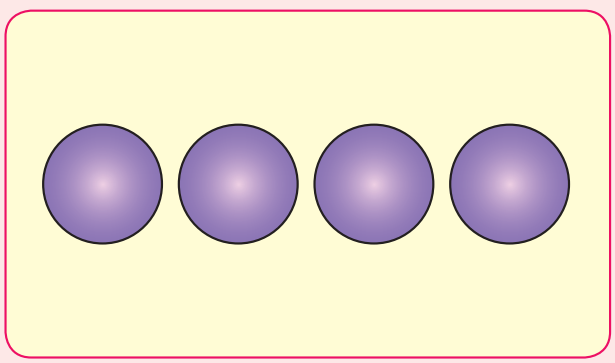


Vheani zwivhaleli kha zwigwada zwa 3 zwi no lingana ni ite tshifhambano kha zwivhaleli zwo salaho.









Teacher:
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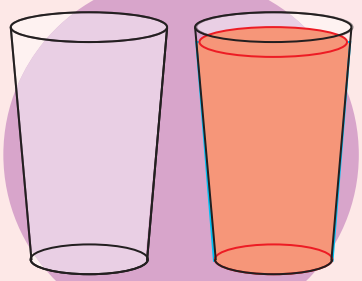
Date:

Khaphasithi

Khaḽarani phindulo i re yone.
Zwifaredzi zwo ḓala kana a zwi na tshithu?



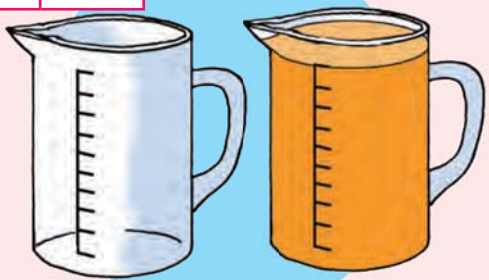
a hu na tshithu | ḓala

a hu na tshithu | ḓala



a hu na tshithu | ḓala

a hu na tshithu | ḓala



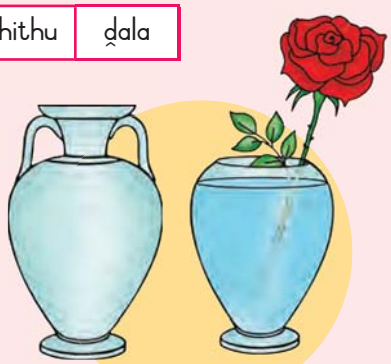
a hu na tshithu | ḓala

a hu na tshithu | ḓala



a hu na tshithu | ḓala

a hu na tshithu | ḓala



a hu na tshithu | ḓala

a hu na tshithu | ḓala



a hu na tshithu | ḓala



a hu na tshithu | ḓala



a hu na tshithu | ḓala

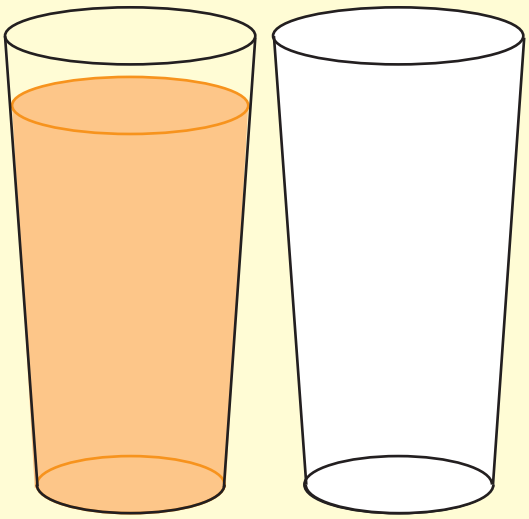
a hu na tshithu | ḓala

a hu na tshithu	ḓala

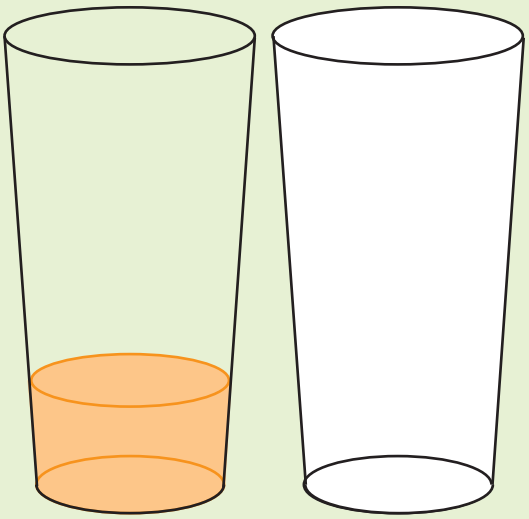




Khaḽarani ngilasi ya vhuvhili u itela uri i vhe na jusi ṱhukhu kha i re ngilasini ya u thoma.

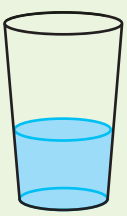


Khaḽarani ngilasi ya vhuvhili u itela uri i vhe na jusi nnzhi kha i re ngilasini ya u thoma.

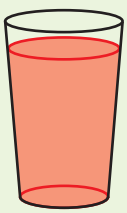


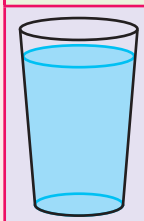


Tangedzelani zwinzhi kha, zwiṱuku kha kana zwi no lingana na.

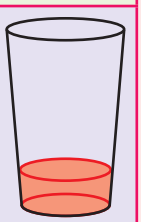


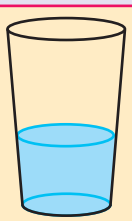
Ngilasi ya lutombo i na | zwinzhi kha | zwiṱuku kha | zwi no lingana na | zwa ngilasi tswuku.



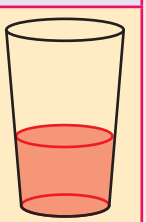


Ngilasi ya lutombo i na | zwinzhi kha | zwiṱuku kha | zwi no lingana na | zwa ngilasi tswuku.





Ngilasi ya lutombo i na | zwinzhi kha | zwiṱuku kha | zwi no lingana na | zwa ngilasi tswuku.





zwinzhi kha

zwiṱuku kha

Teacher:
Sign:

Date:





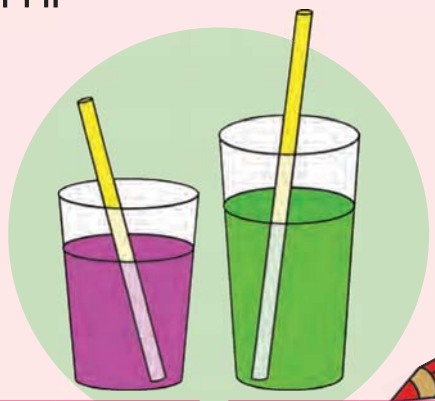
Tsini na kule

Bulani uri zwi re tsini ndi zwifhio zwi re kule ndi zwifhio.

Tshilapfu na tshipfufhi

Tangedzelani tshilapfu.





pfufhi	ndapfu

pfufhi	ndapfu



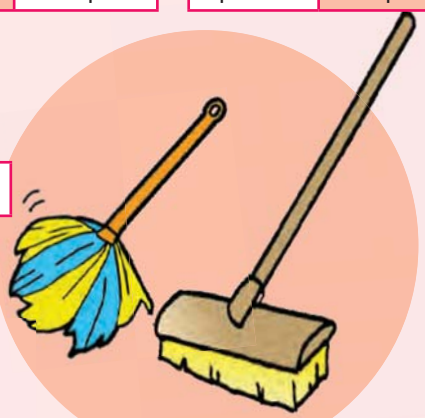


pfufhi	ndapfu

pfufhi	ndapfu

pfufhi	ndapfu

pfufhi	ndapfu



pfufhi	ndapfu

pfufhi	ndapfu



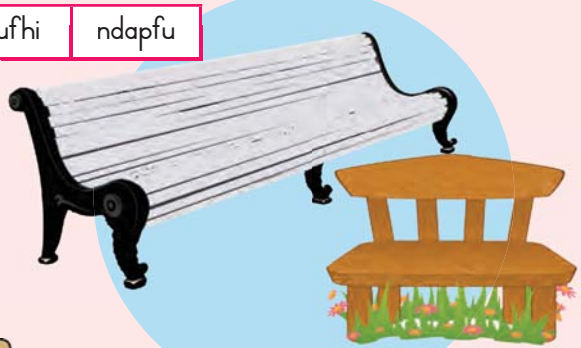
pfufhi	ndapfu

pfufhi	ndapfu



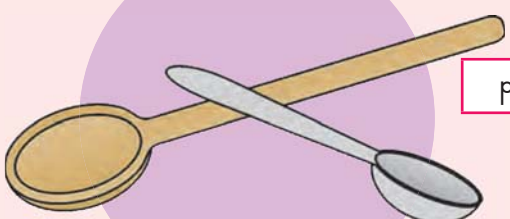
pfufhi	ndapfu

pfufhi	ndapfu



pfufhi	ndapfu

pfufhi	ndapfu



pfufhi	ndapfu

pfufhi	ndapfu

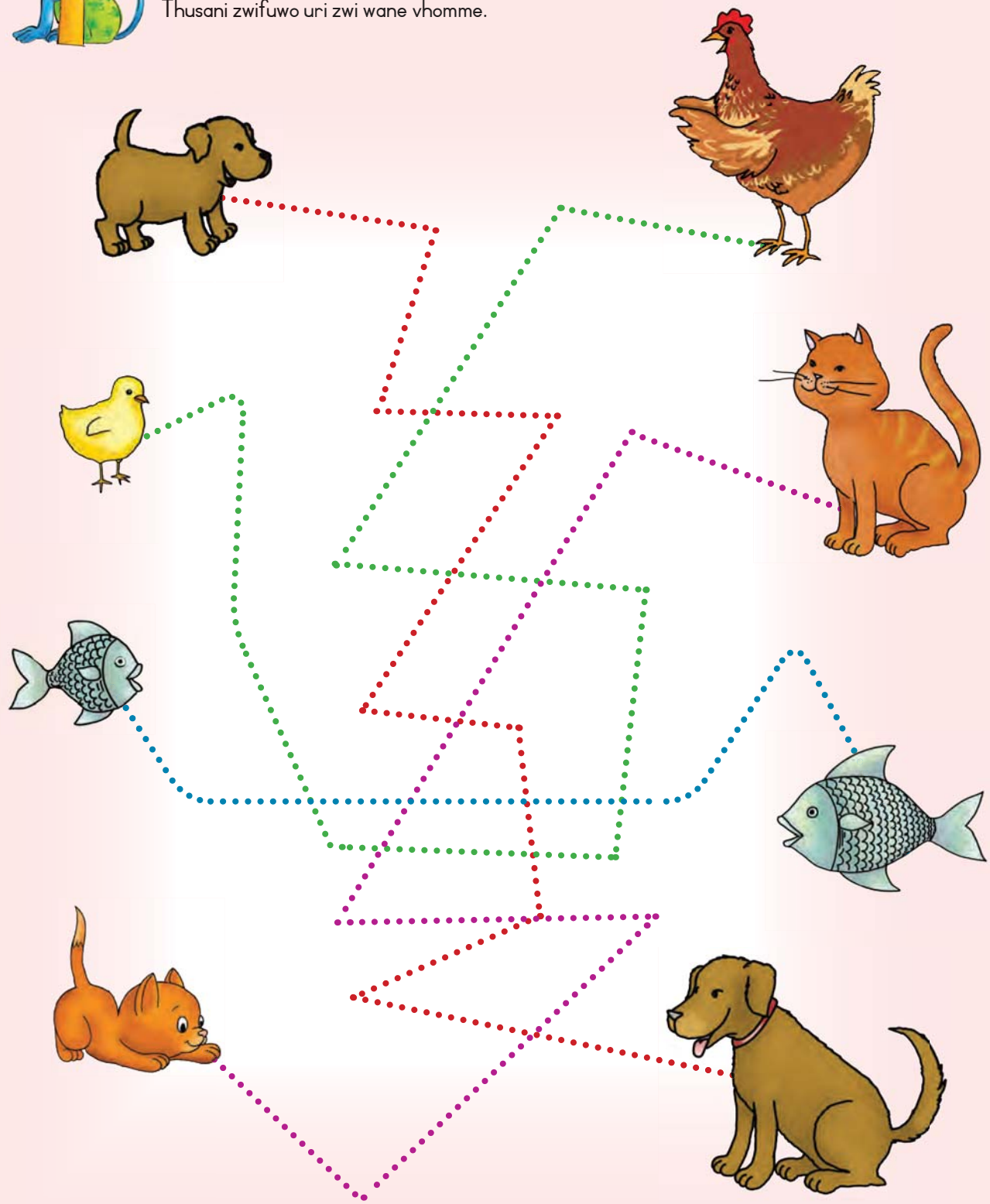
tshipfufhi	tshilapfu

Teacher:
Sign:

Date:

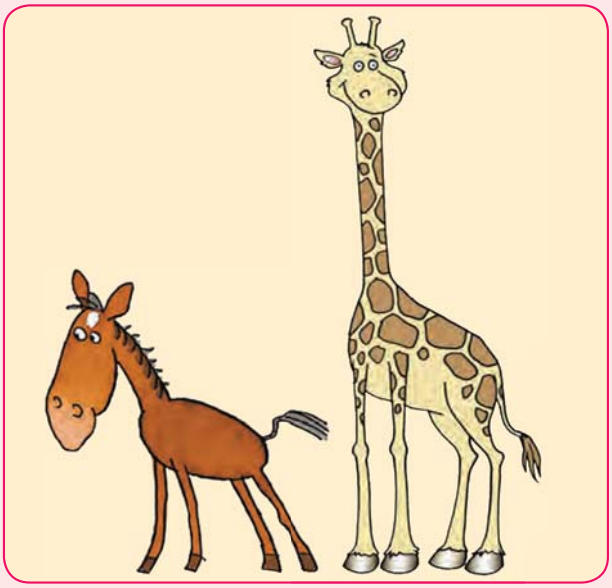
Vhuṱala

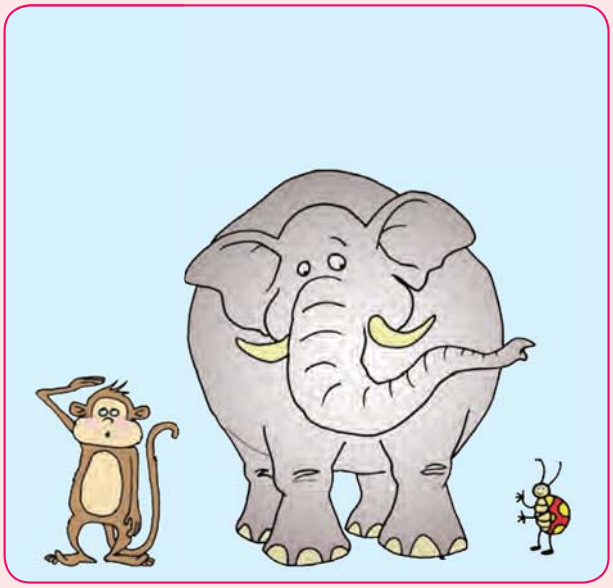
Thusani zwifuwo uri zwi wane vhomme.

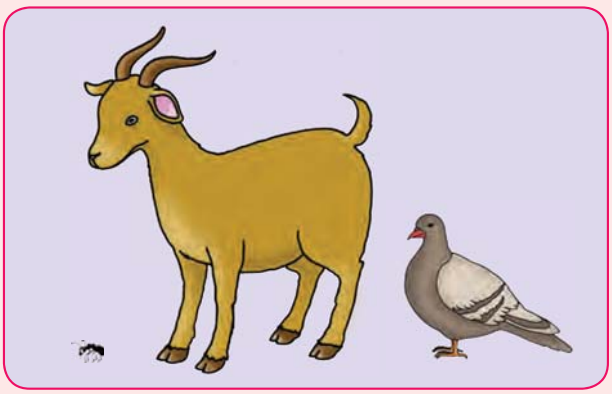


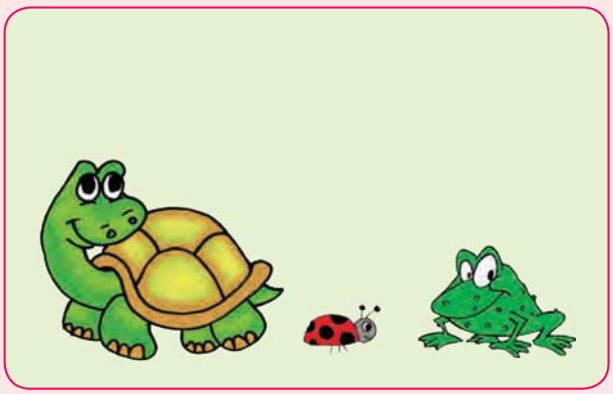
Zwihulwame na zwiṱuku

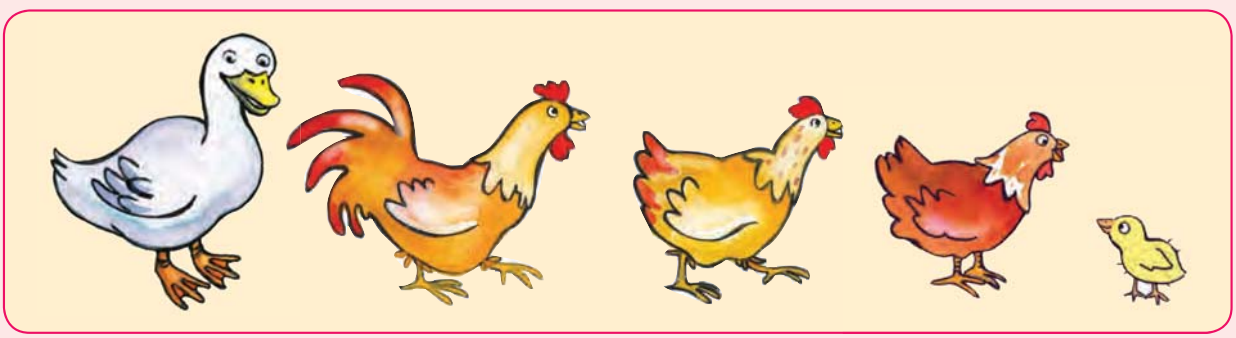
Tangedzelani phukha khulwane nga muvhala mutswuku tshipuka tshiṱuku nga muvhala wa lutombo tshibogisini tshiṅwe na tshiṅwe.











khulwane	ṱhukhu	khulukhulu	ṱhukhuṱhukhu

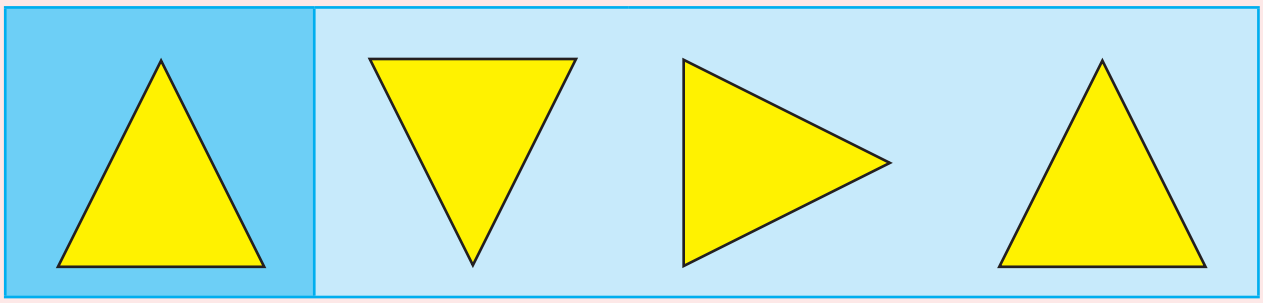
Teacher:
Sign:
Date:

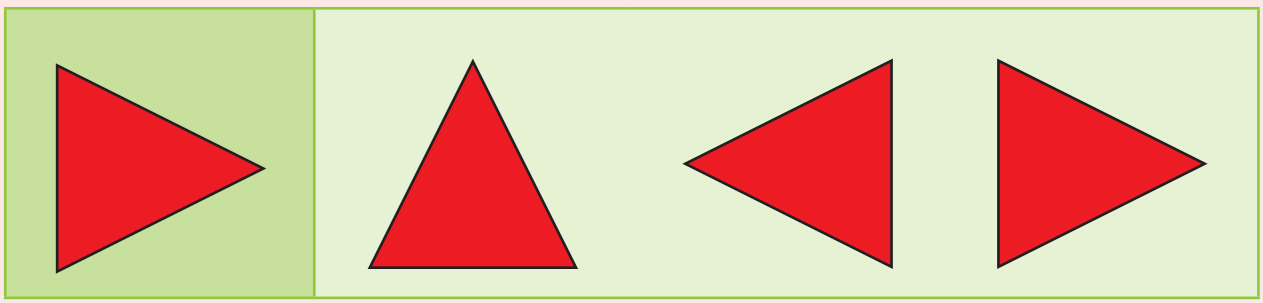
11 12 13 14 15 16 17 18 19 20

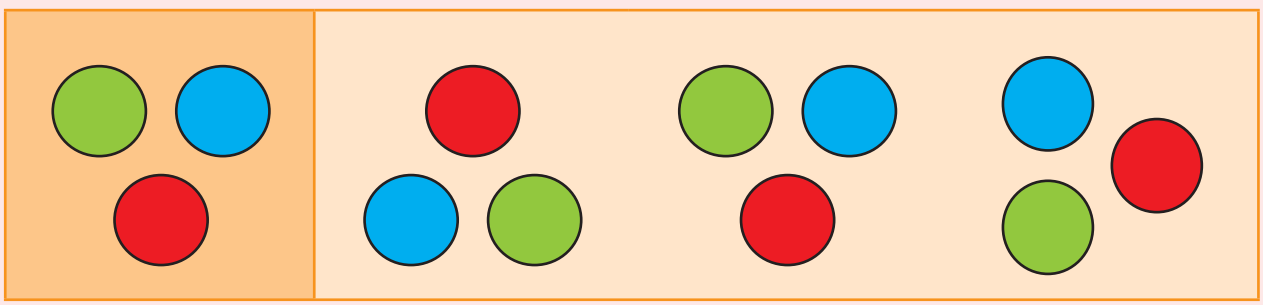


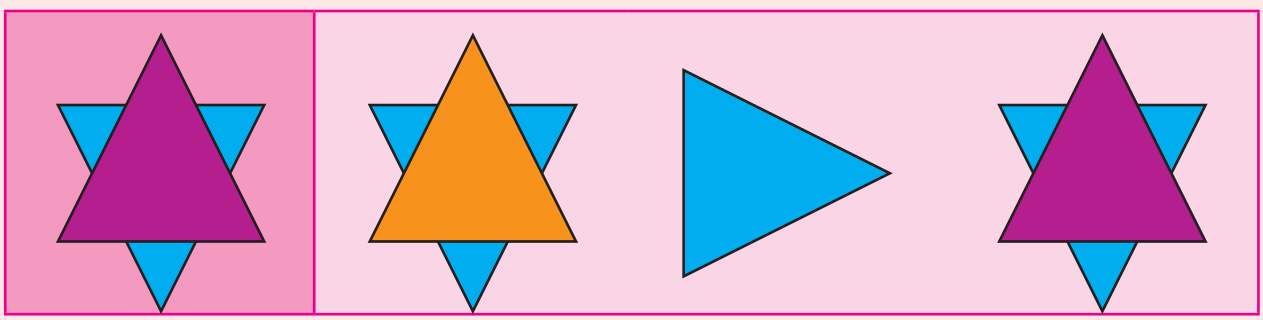
Phetheni

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





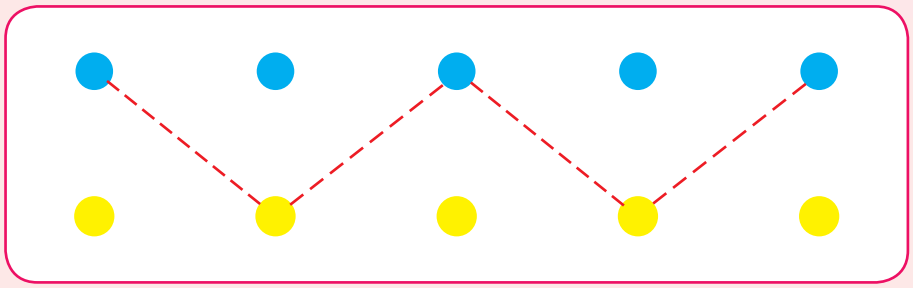


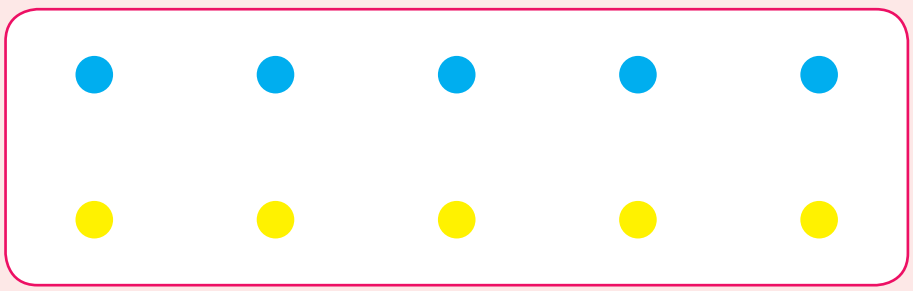


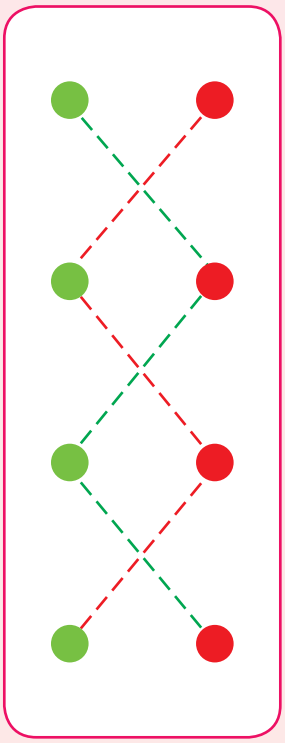


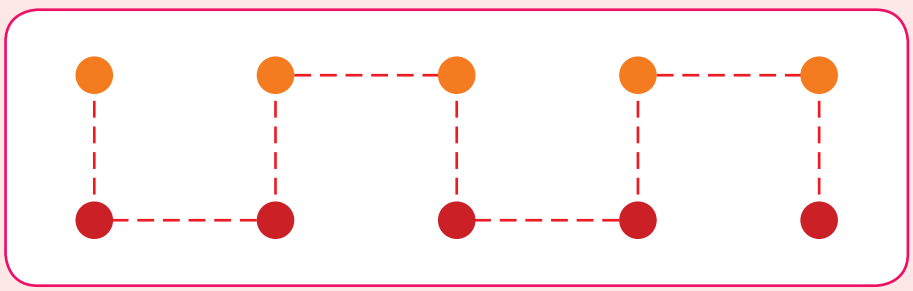


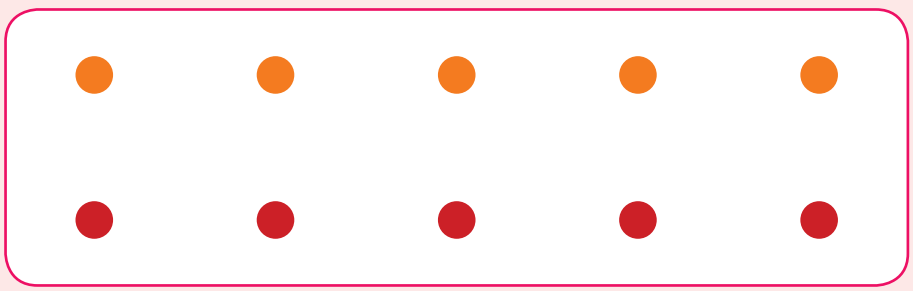
Ṱanganyani zwithoma uri zwi ole tshifanyiso tshi no fana na tsha u thoma.

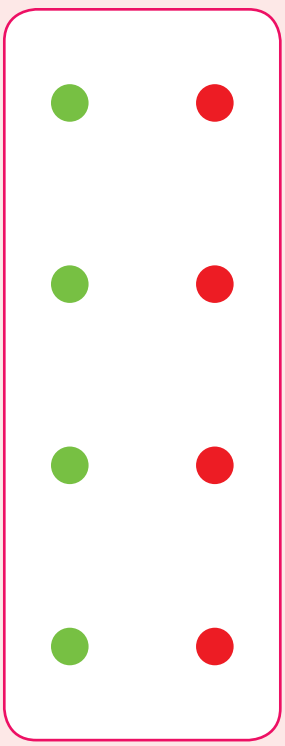












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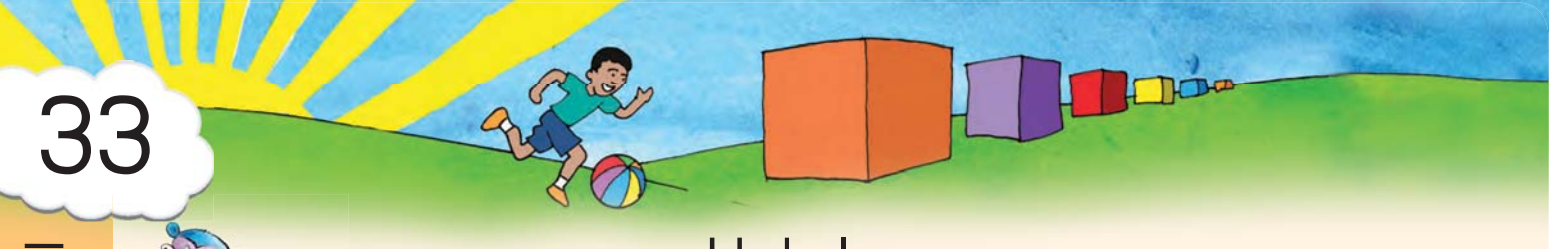
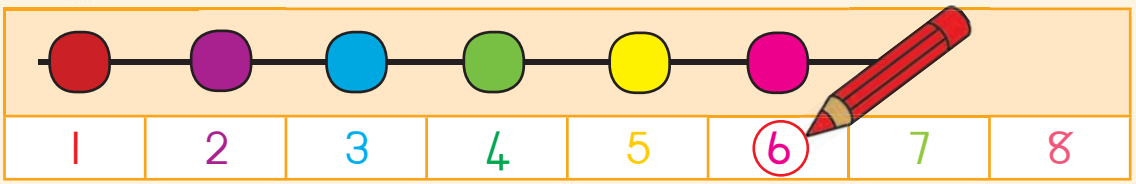




U vhala

Vhalani malungu ni tangedzele nomboro yo teaho.



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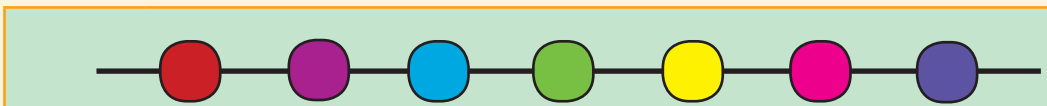
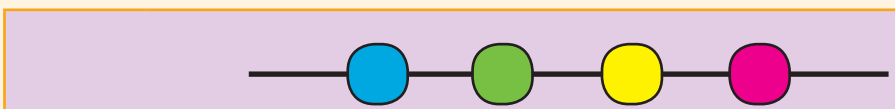


1	2	3	4	5	6	7	8



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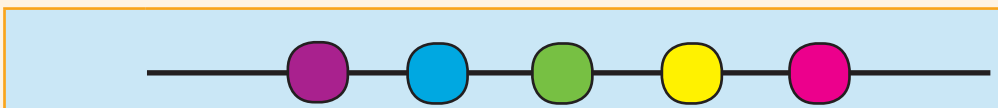

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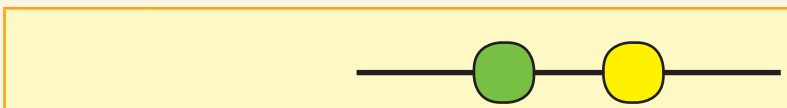

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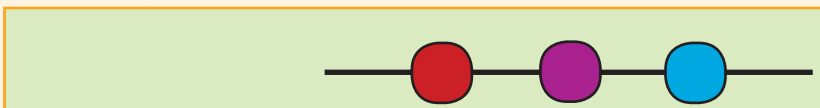

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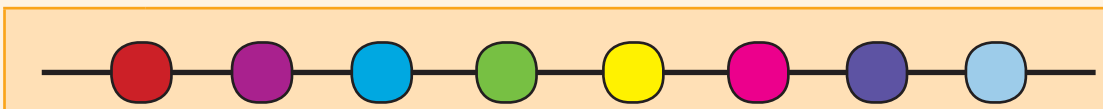

1	2	3	4	5	6	7	8

Mutalombalo



Jenisani nomboro i no khou ṱahela.

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

Teacher:
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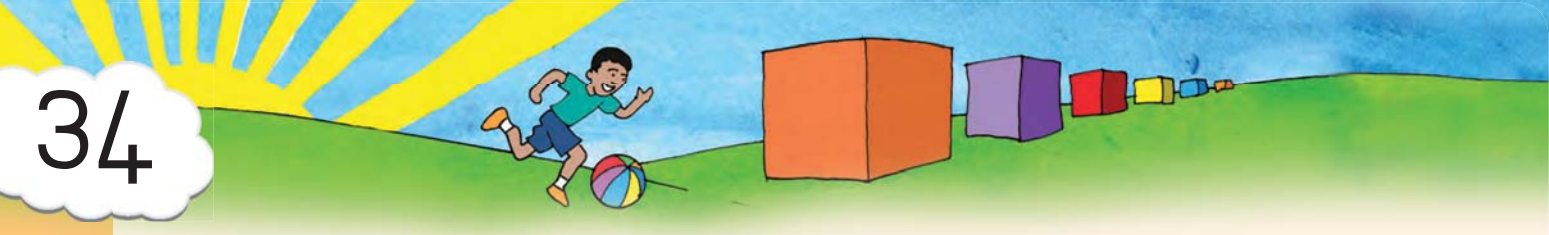


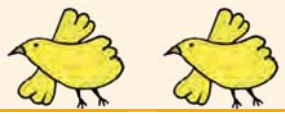
Madzina a nomboro



Ṅwalulani madzina a nomboro idzi.



1 | thihi thihi



2



3



4

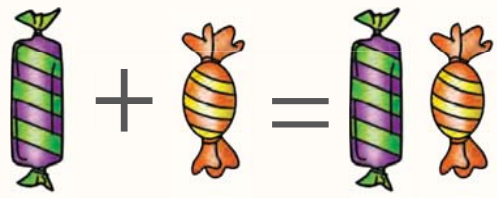


5

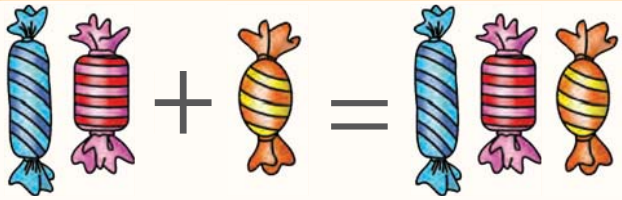
Muṭanganyo na muṭuso



Kha ri ṭanganye na 1 ri ṅwale phindulo.



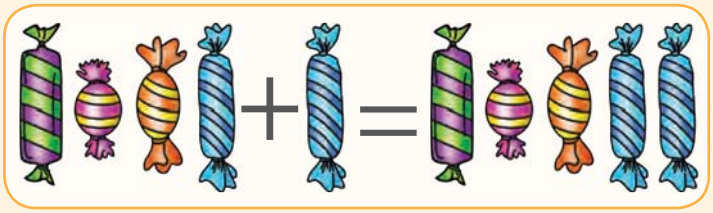
1 + 1 = 2



2 + 1 = 3



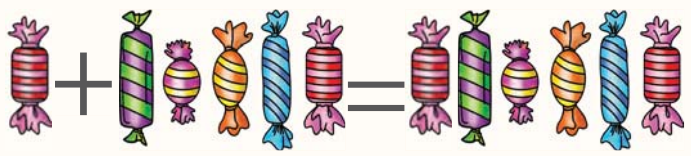
3 + 1 =



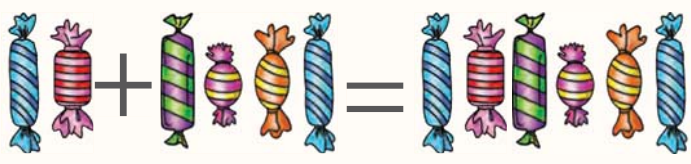
4 + 1 =



2 + 3 =



1 + 5 =



2 + 4 =

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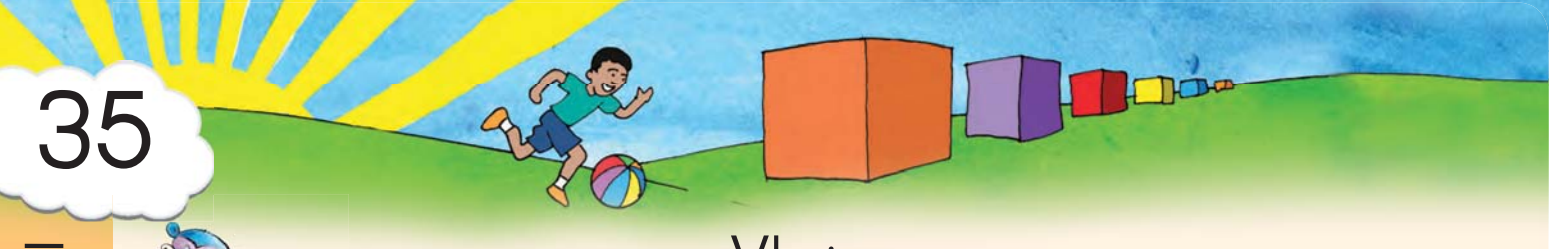



Vhuimo

Tangedzelani phindulo dzi re dzone.



Ndi phukha ifhio i re phanḓa ha ndou?					
Ndi phukha ifhio i re murahu ha mmbwa?					
Ndi phukha ifhio i re vhukati ha mbiḓi na mmbwa?					
Arali mmbwa ya tshimbilela phanḓa i ḓo gekhana na tshipuka tshifhio?					
Arali ndou ya nga tshimbilela murahu i do gekana 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?					



Tswayo (zwiga) na zwivhumbeo

Kopololani tswayo (zwiga).

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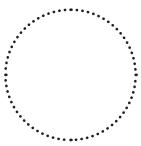
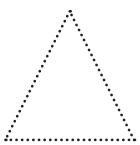
Kopololani tswayo idzi.

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Date:

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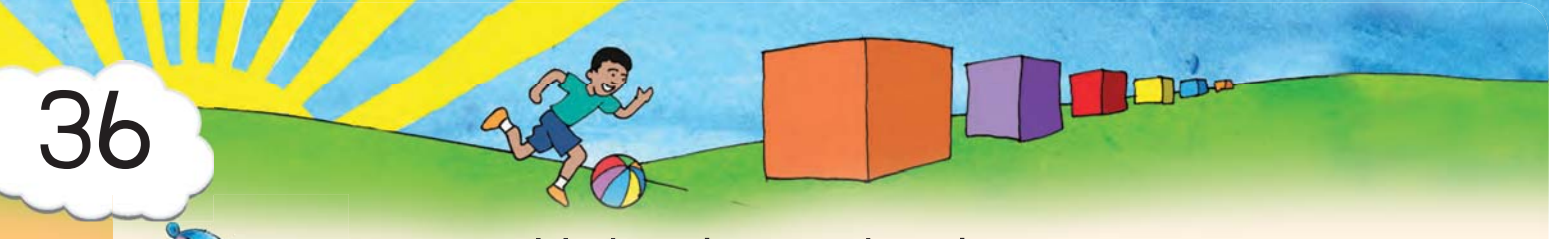
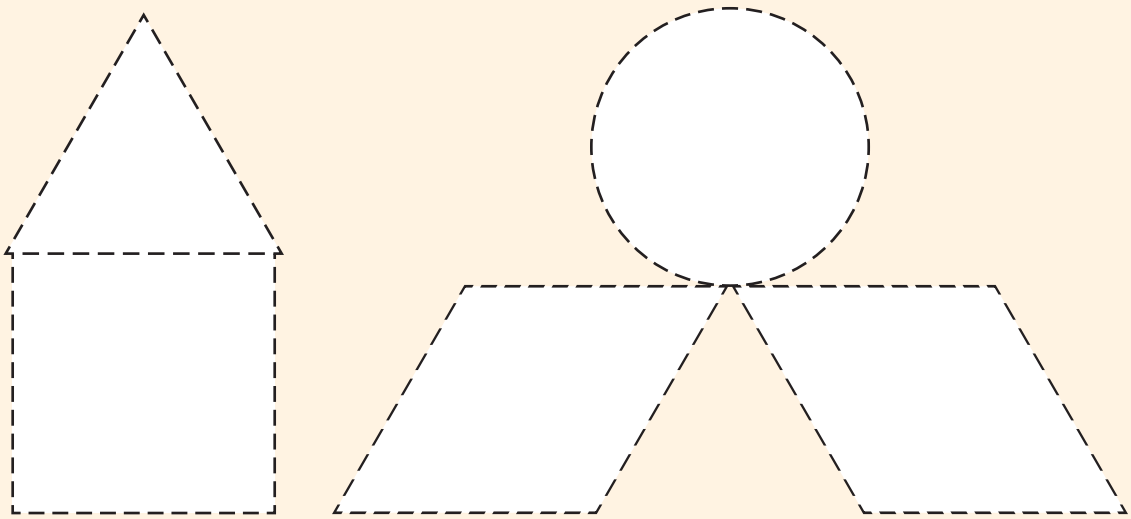




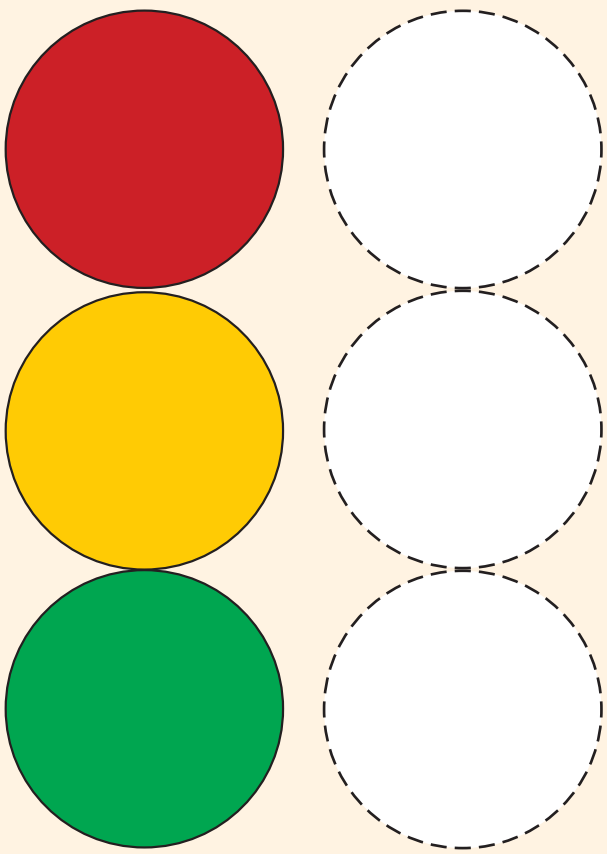
U vhumba zwivhumbeo

Shumisani zwivhumbeo zwa u gera kha u fhedzisa phetheni idzi.





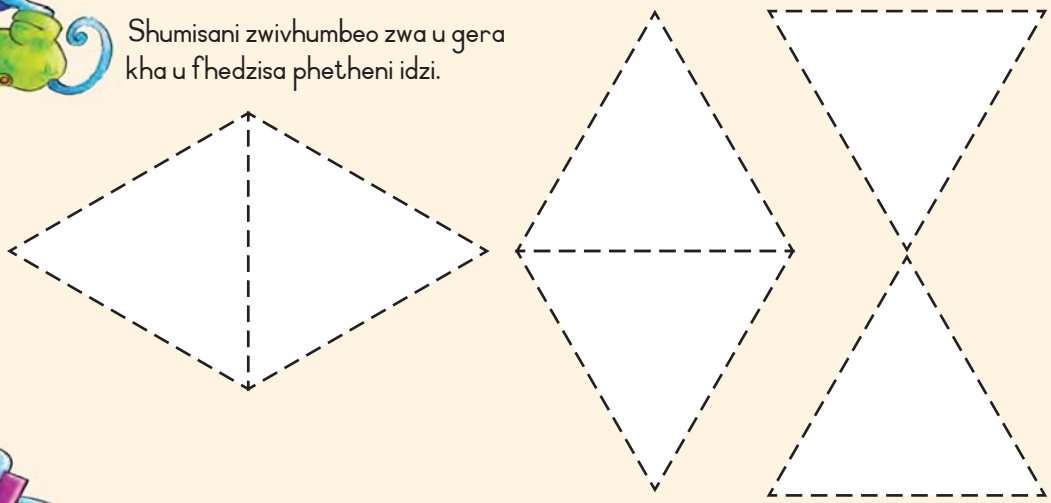
Itani roboto. Muvhala muṅwe na muṅwe wayo u ri vhudza mini?





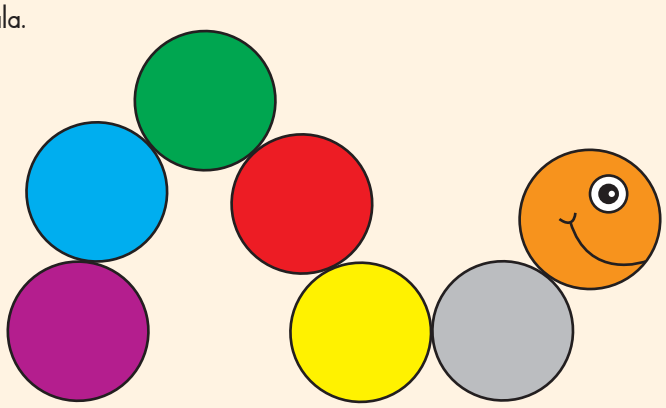


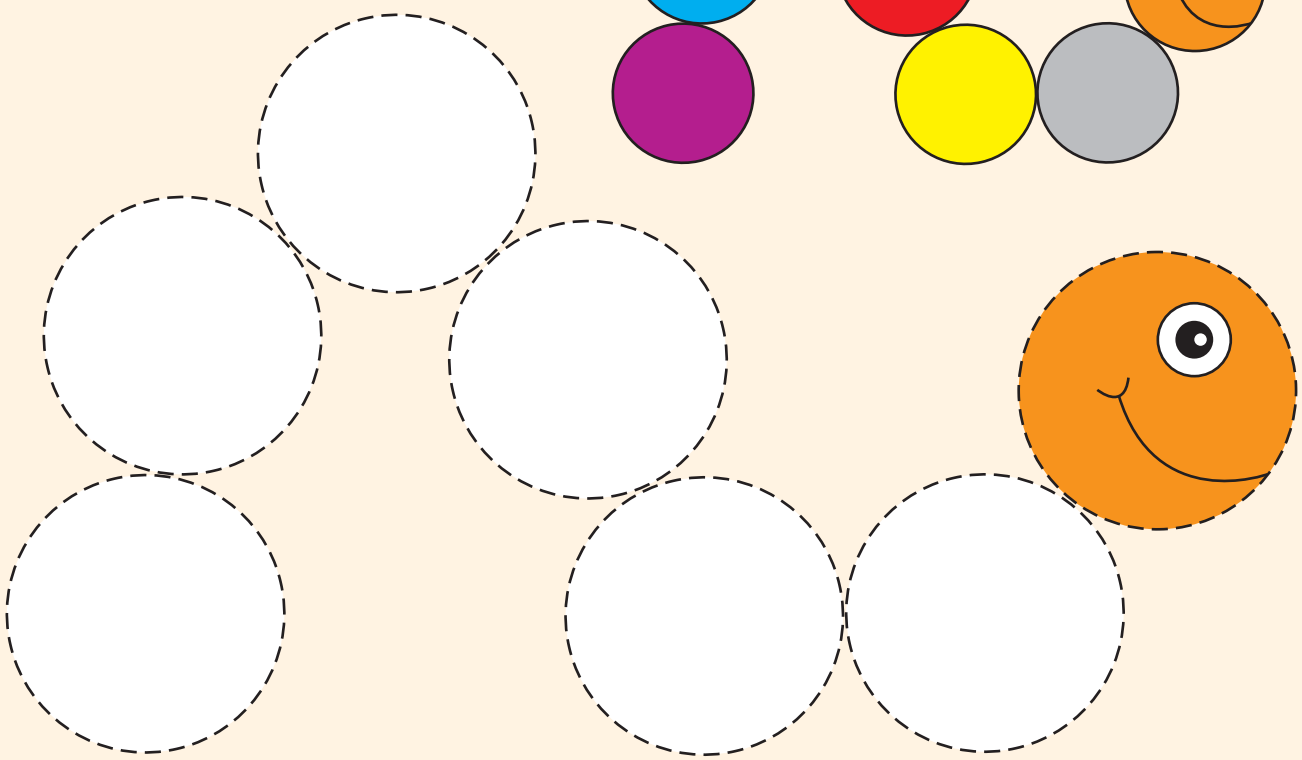
Shumisani zwivhumbeo zwa u gera kha u fhedzisa phetheni idzi.





Shumisani zwigeriwa zwa zwitendeledzi kha u vhumba shonzha lihulwane. Ni livhanye mivhala.





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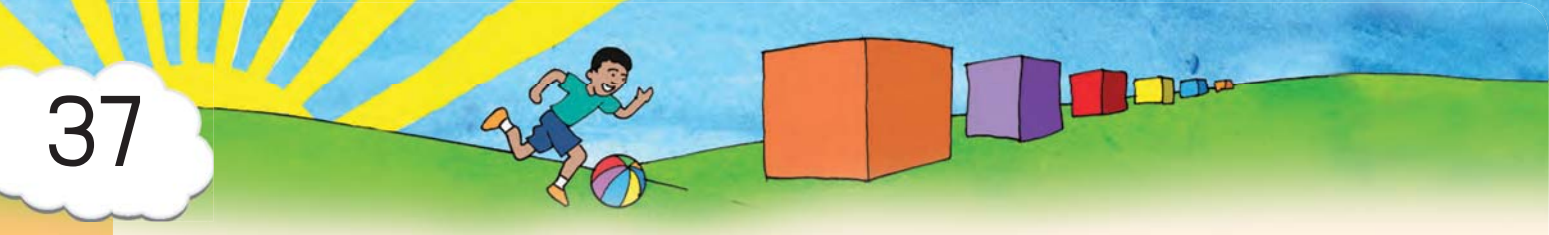


Rathi



Shumisani zwivhumbeo zwa zwigeriwa ni ṅwale zwitendeledzi zwa 6 kha tshibuḽoko.

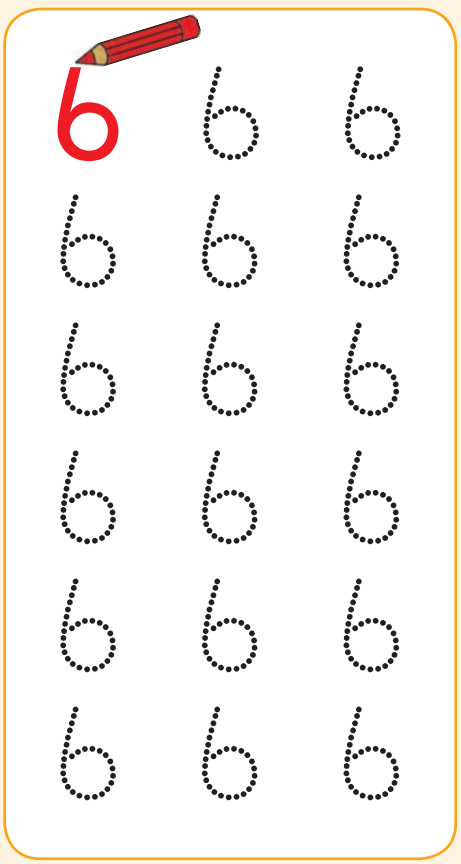


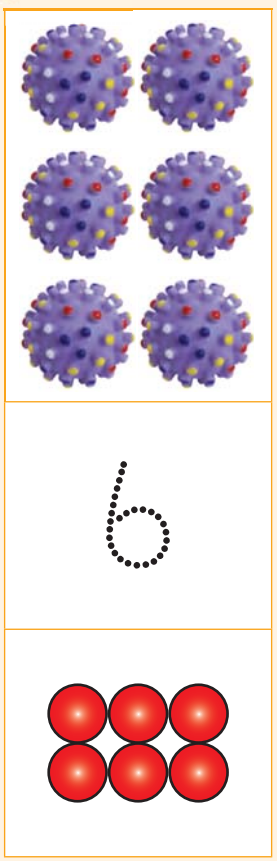


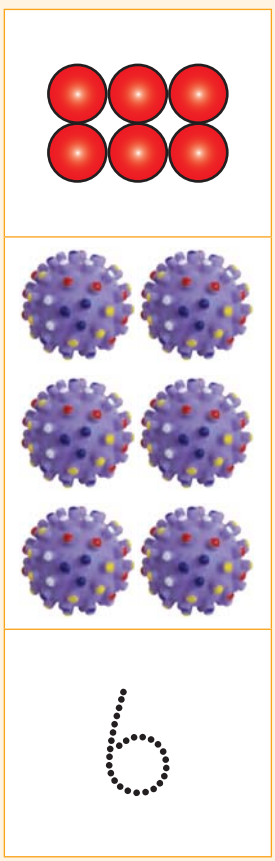
Tovhedzelani nomboro.



Livhanyani zwifanyiso.





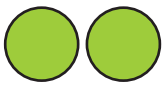
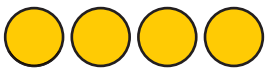






Khaḽarani zwitendeledzi zwa 6.

Olani zwiṅwe zwa 6.

Itani ndowendowe ya nomboro.

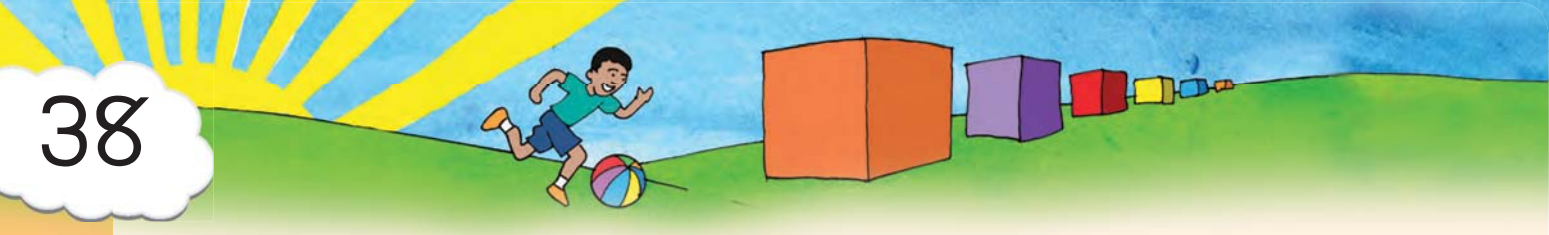
6

rathi

6 6 6 6

Khaḽarani zwitendeledzi ni khou ralo u zwi vhala.





Sumbe



Shumisani zwivhumbeo zwa zwigeriwa ni ṅwale zwikwea zwa 7 kha tshibuḽoko.

7



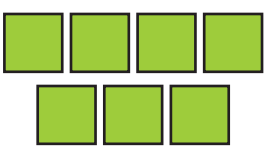
Tovhedzelani nomboro.

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



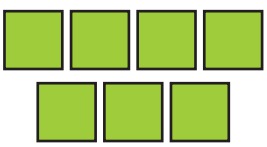
Livhanyani zwifanyiso.





sumbe

7



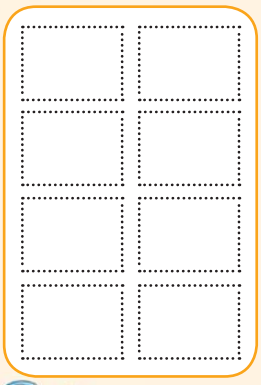
7

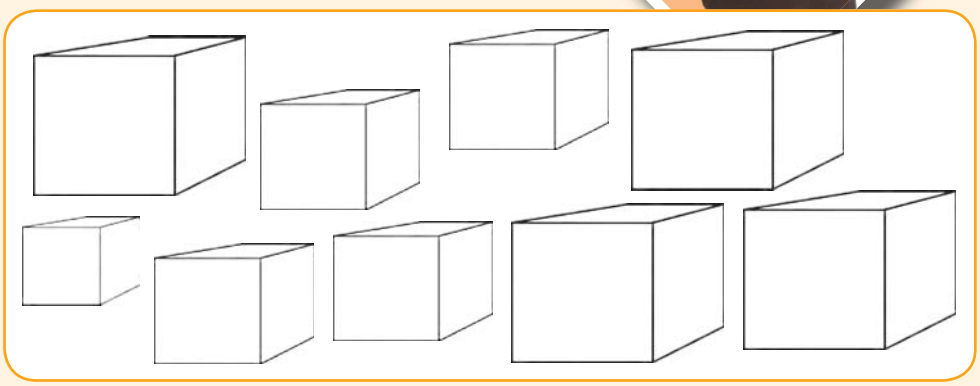
sumbe



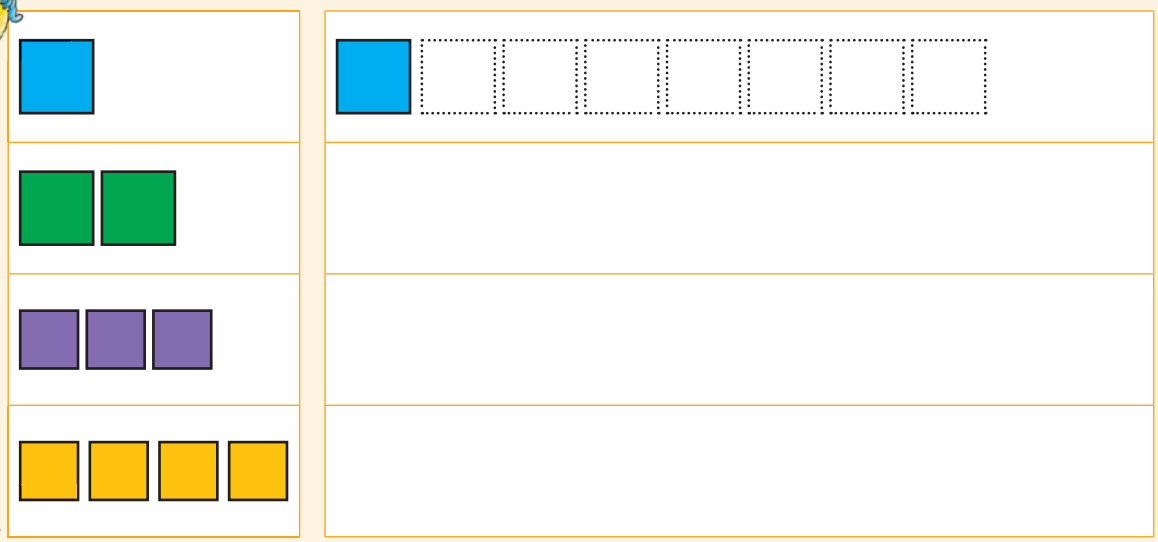


Khaḽarani tshikwea dza 7 na zwibuḽoko zwa 7.





Olani dziṅwe dza 7.



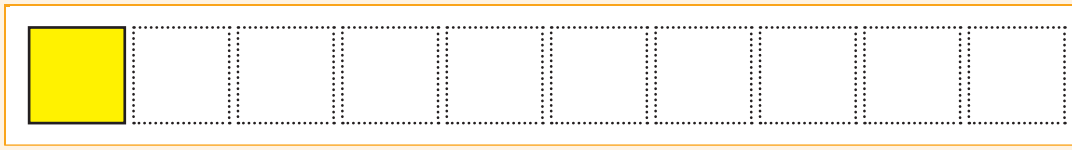
Itani ndowendowe ya nomboro.

7

sumbe

7 7 7 7

Khaḽarani zwikwea ni khou ralo u zwi vhala.



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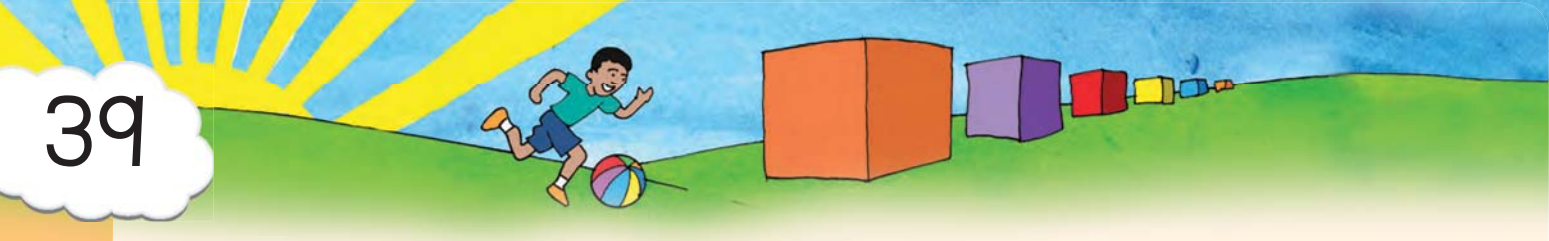

Malo



Shumisani zwivhumbeo zwa zwigeriwa ni ṅwale zwitendeledzi zwa 8 kha tshibuḽoko

8



Tovhedzelani nomboro.



Livhanyani zwifanyiso.

8 8 8
8 8 8
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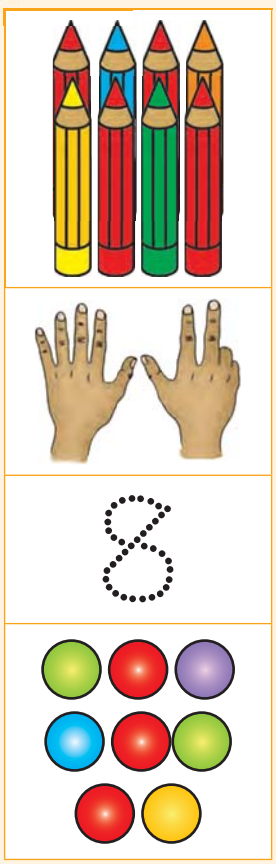
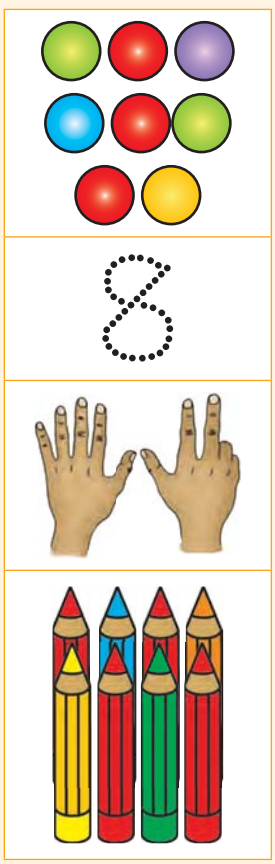
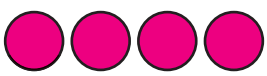






Khaḽarani ṋaledzi dza 8.

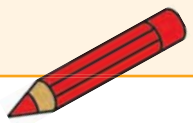
Olani dziṅwe dza 8.

Itani ṋdowenḍowe ya nomboro.

8

malo



8 8 8

7

Khaḽarani zwitendeledzi ni khou ralo u zwi vhala.



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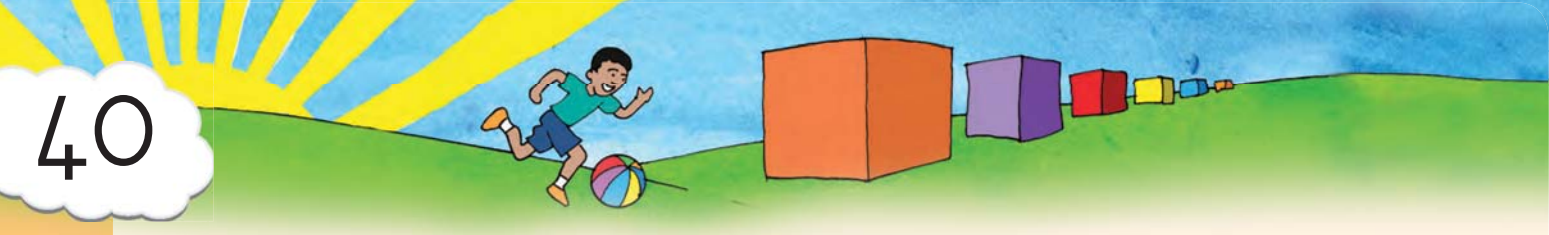


Ṱahe



Olani mbilu dza ṱahe kha tshibuḽoko ni dzi khaḽare.

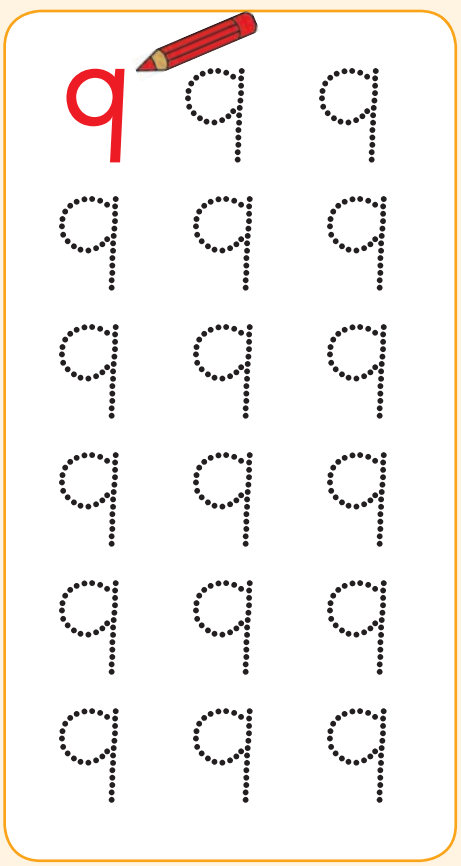


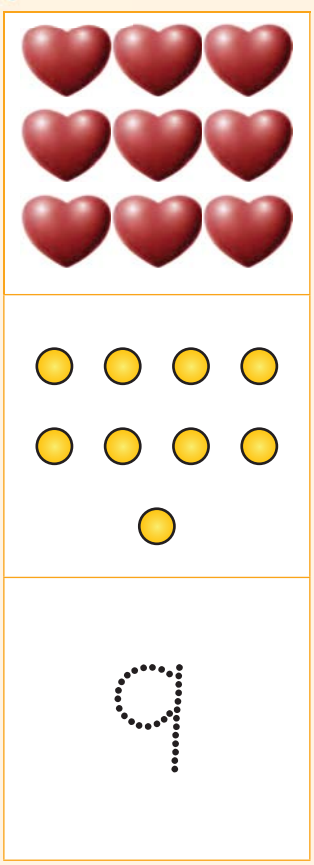


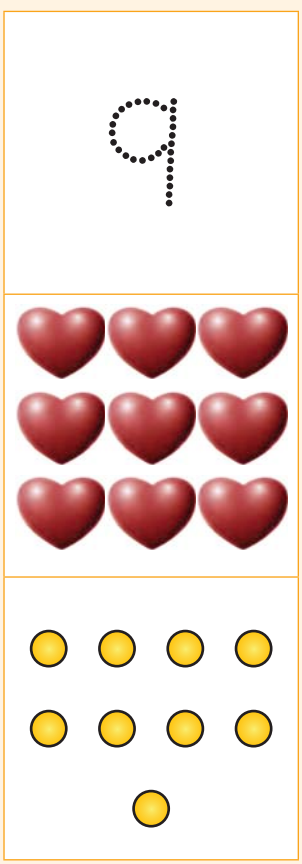
Tovhedzelani nomboro.



Livhanyani zwifanyiso.





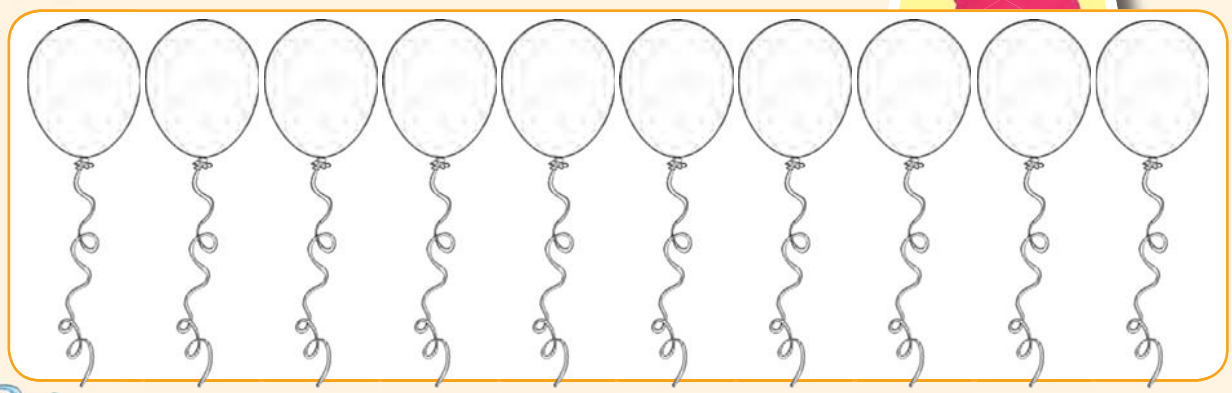






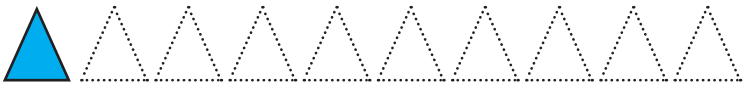
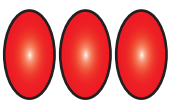


Khaḽarani mabaḽoni a 9.





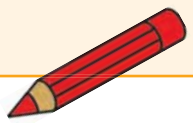
Olani maṅwe a 9.



Itani ndowendowe ya nomboro.

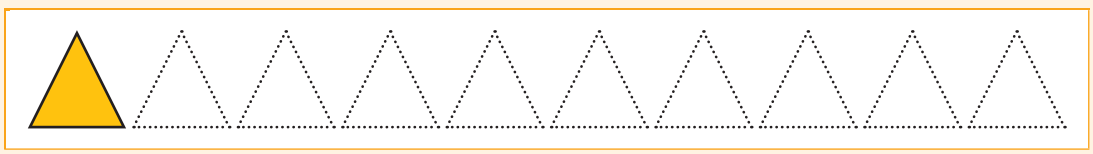
9 ṱahe



9 9 9 9



Khaḽarani thiraingele ni khou ralo u dzi vhala.





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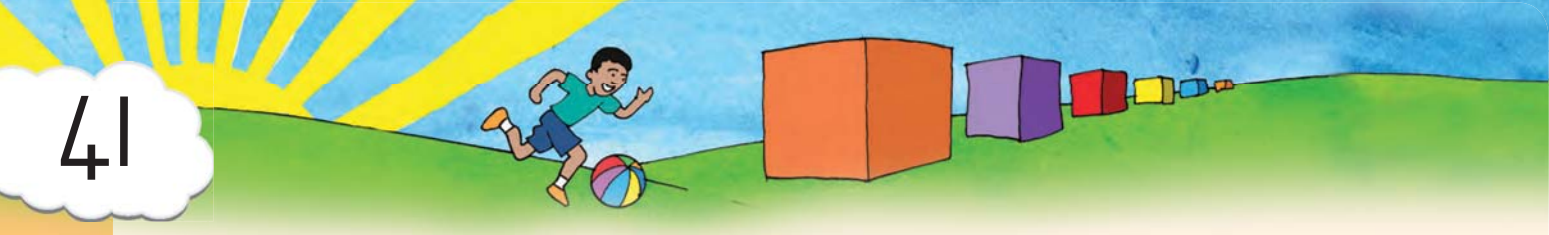
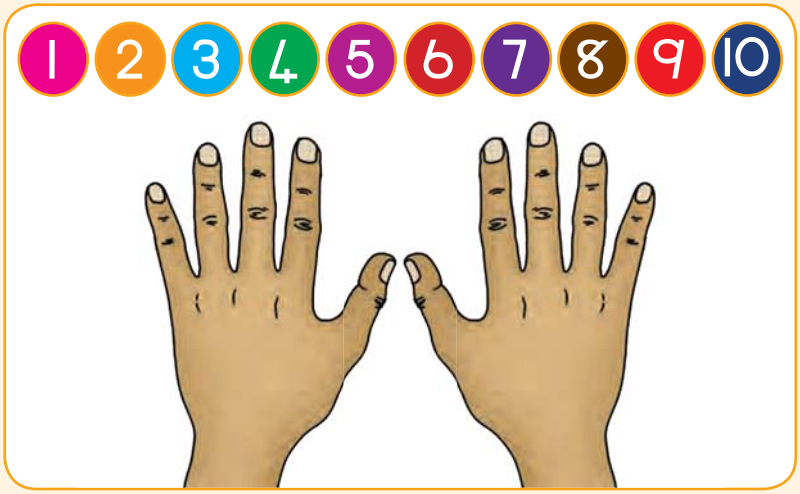


Fumi



Vhalani minwe i re kha zwanḓa vhuvhili hazwo.

10



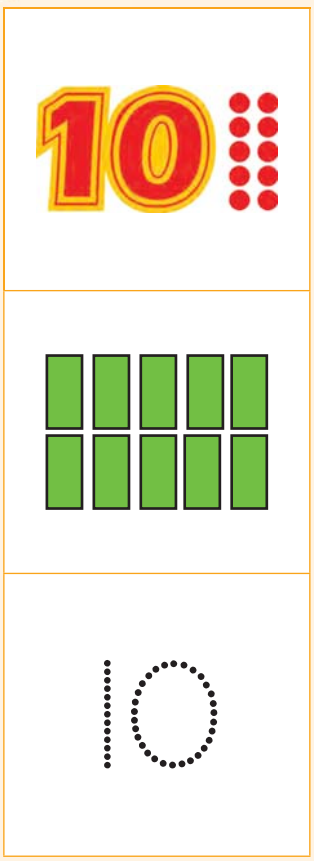


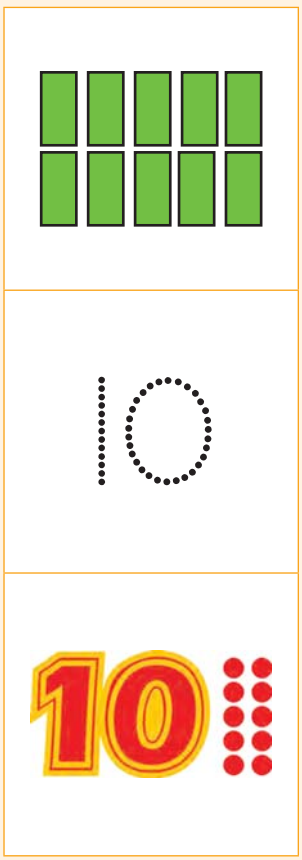
Tovhedzelani nomboro.



Livhanyani zwifanyiso.

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



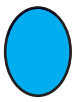




Khaḽarani mitshelo ya 10.



Olani miṅwe ya 10.

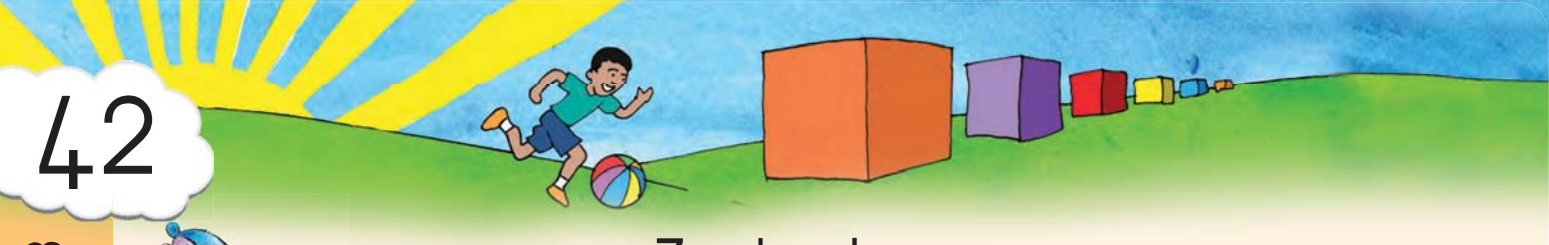
	
	
	
	

Itani ndowendowe ya nomboro.

10 fumi

10 10 10

Khaḽarani rekhithiengele ni khou ralo u dzi vhala.

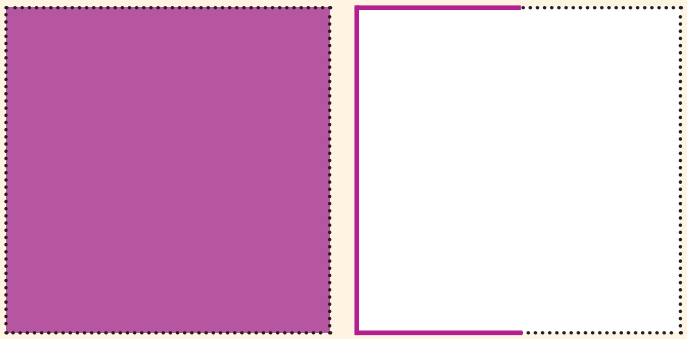




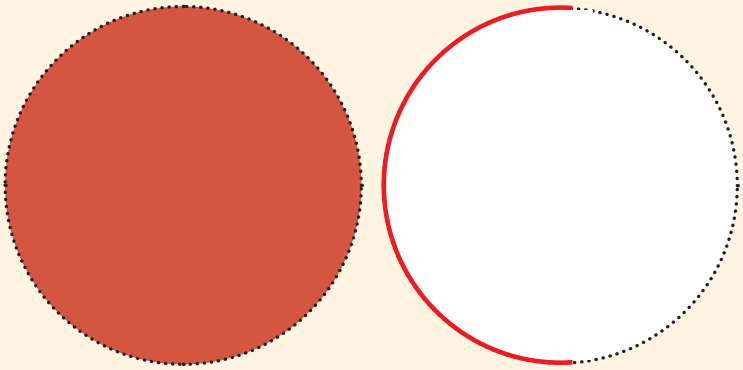
Zwivhumbeo

Fhedzisani zwifanyiso izwi.

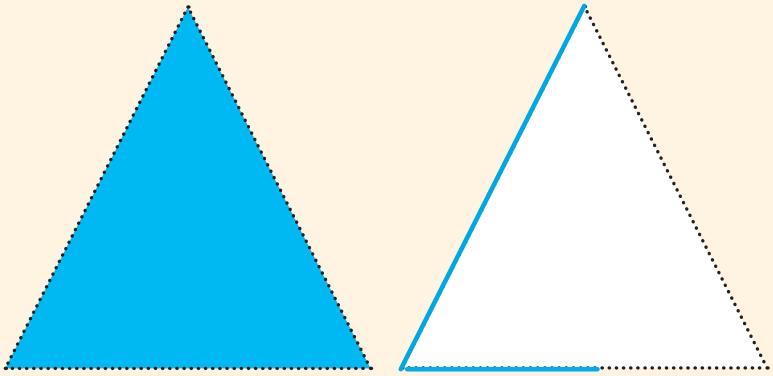
tshikwea



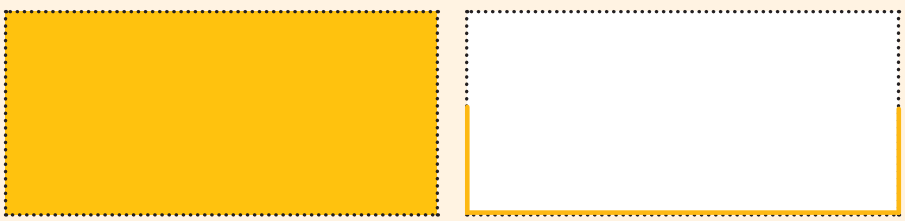
tshitengeledzi



thiraiengele



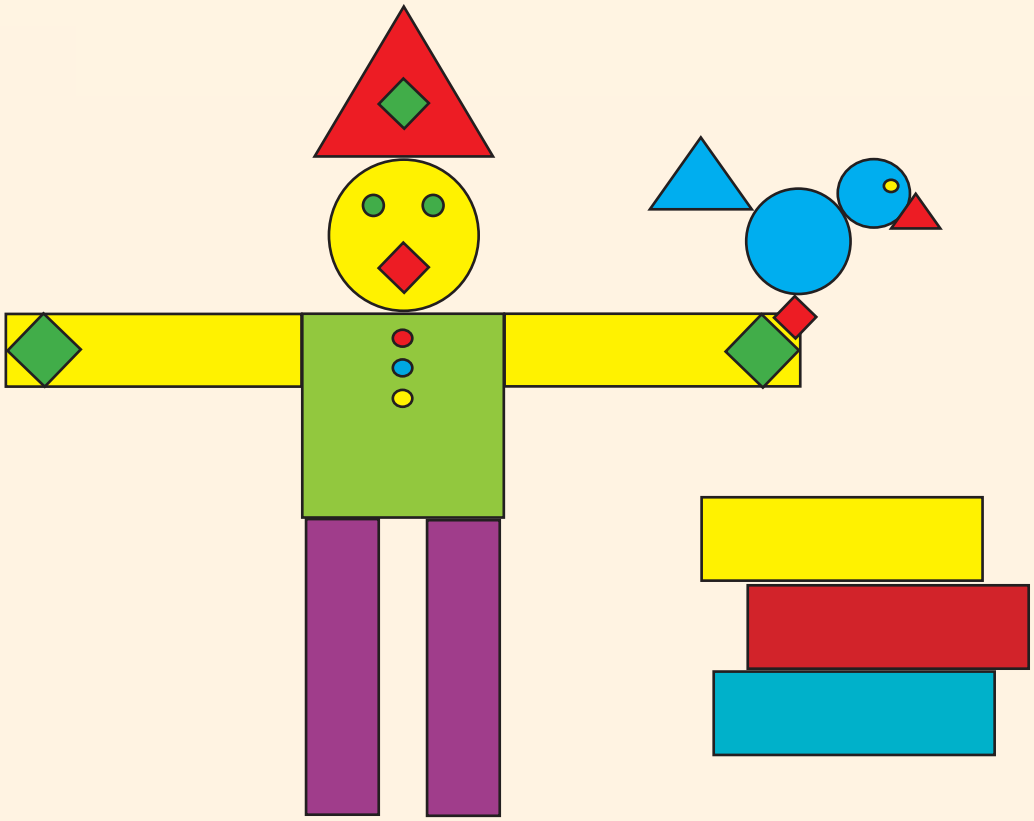
rekhithiengele





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 rekhithiengele nngana?	

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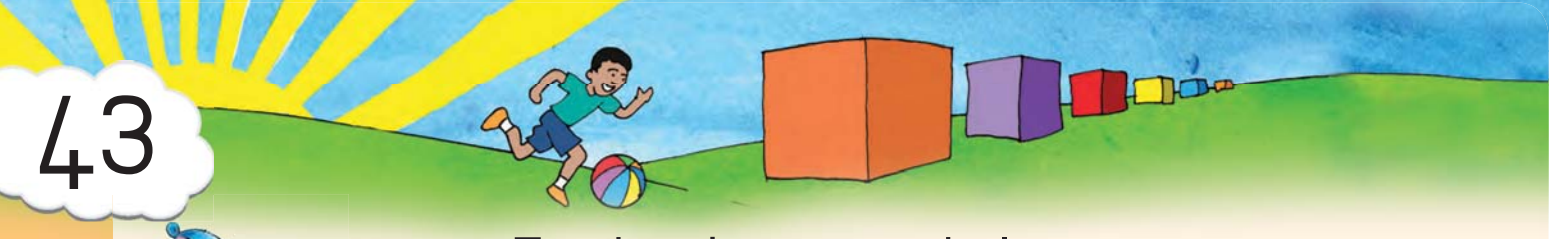
Date:



Zwivhumbeo na mivhala



Khaḽari zwivhumbeo.

Khaḽarani zwikwea nga muvhala mutswuku .

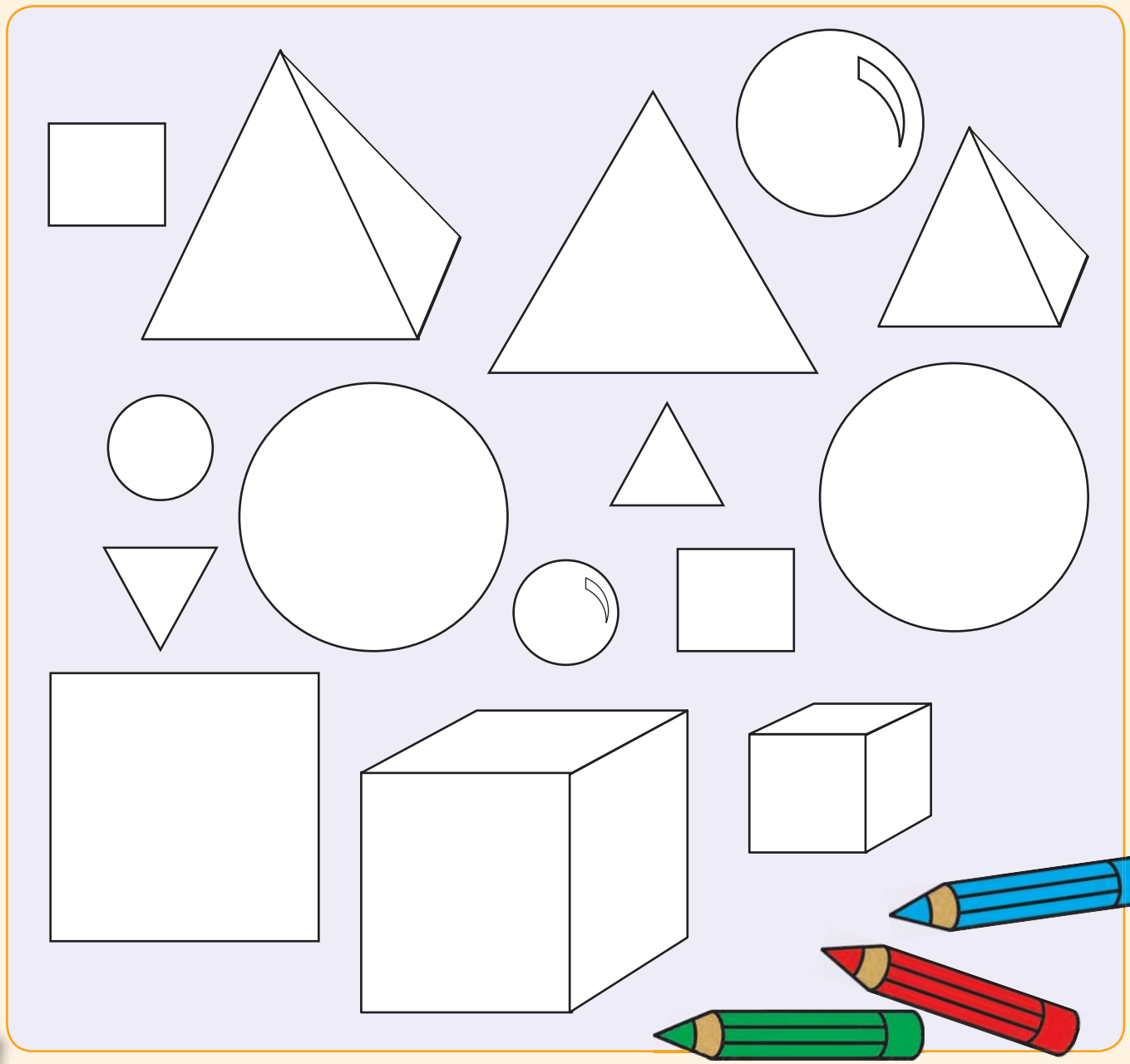
Khaḽarani zwitendeledzi nga muvhala wa lutombo .

Khaḽarani rekhithiengele nga muvhala mudala .

Khaḽarani khubu nga muvhala wa ṱaḓa .

Khaḽarani zwipulumbu nga muvhala wa phephuḽu .

Khaḽarani phirizimu nga muvhala wa tshitopana .



Zwivhumbeo na dzidamesheni

Tangedzelani zwivhumbeo.

Tangedzelani  nga muvhala mutswuku.

Tangedzelani  nga muvhala wa lutombo.

Tangedzelani  nga muvhala mudala.

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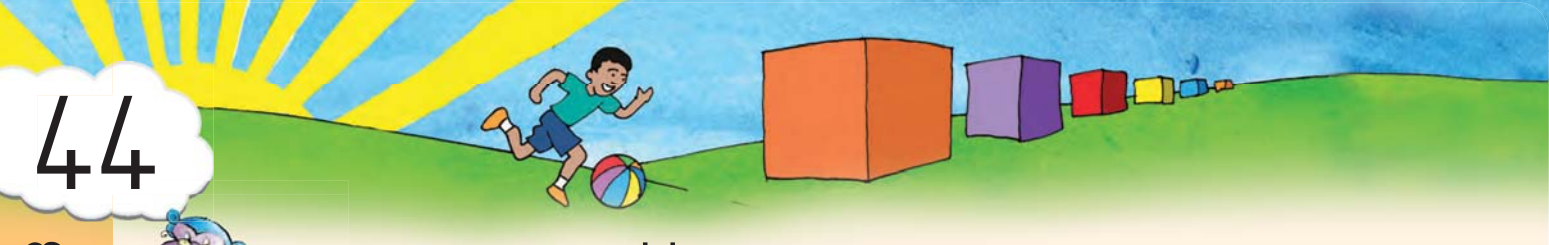
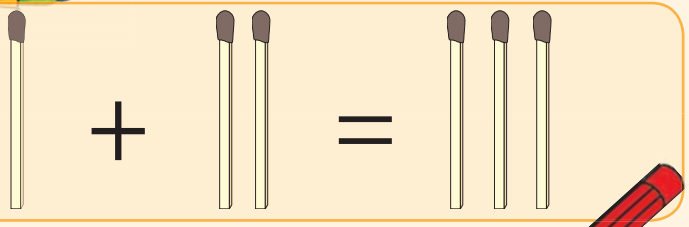
Date:



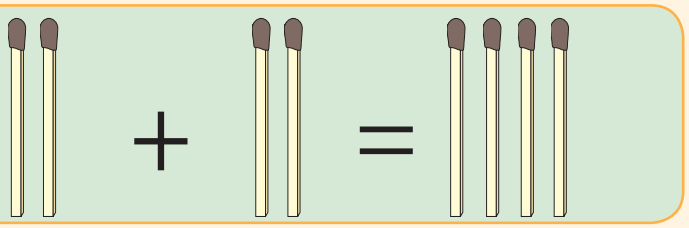


U ṱanganya

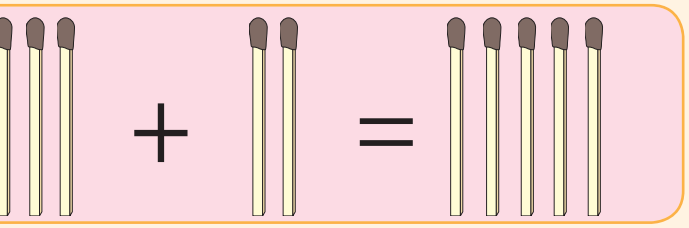
Kha ri ṱanganye na 2 ri jenise phindulo.



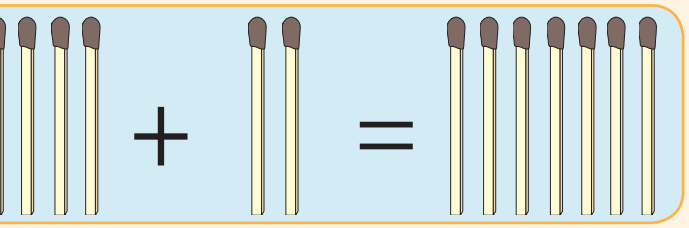
1 + 2 = 3



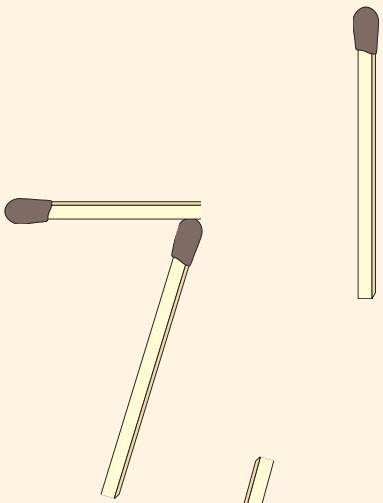
2 + 2 = ...

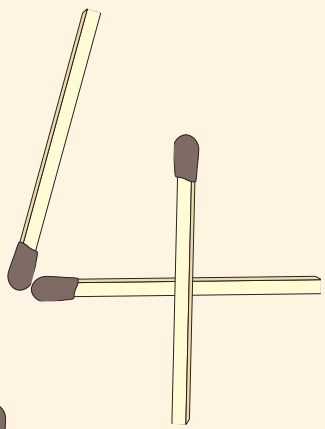


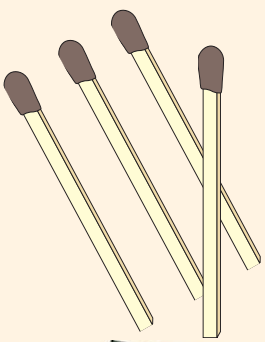
3 + 2 = ...

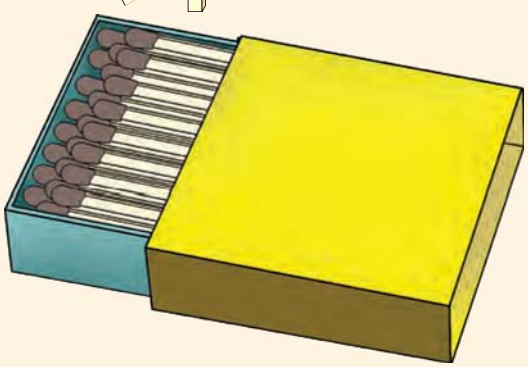


5 + 2 = ...











Ṅwalululani madzina a nomboro idzi.

1	thihi	1
2	mbili	2
3	raru	3
4	iṋa	4
5	ṱhanu	5
6	rathi	6
7	sumbe	7
8	malo	8
9	ṱahe	9
10	fumi	10

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11 12 13 14 15 16 17 18 19 20

Tsha monde na tsha u ḽa



	Tsha monde	Tsha u ḽa
Muri u kha tshanḓa tshawe		
Goloi i kha tshanḓa tshawe		
Nnḓu i kha tshanḓa tshawe		
Tshiṋoni tshi kha tshanḓa tshawe		
Tshiṱaha tshi kha tshanḓa tshawe		

	Tsha monde	Tsha u ḽa
Mmbwa i kha tshanḓa tshawe		
Ngu i kha tshanḓa tshawe		
Ranḓavhula i kha tshanḓa tshawe		
Tshikolo tshi kha tshanḓa tshawe		
Maluvha a kha tshanḓa tshawe		



Tangedzelani tshanḓa tsha mutukana tsha u ḽa.
Tangedzelani mulenzhe wa mutukana wa monde.
Tangedzelani mulenzhe wa mutukana wa tsha u ḽa.

Tangedzelani tshanḓa tsha musidzana tsha u ḽa.
Tangedzelani mulenzhe wa musidzana wa monde.
Imani sa uyu musidzana ni sumbe tshanḓa tshaṋu tsha monde.

Tsha u ḽa

Tsha monde



Tsha u ḽa

Tsha monde





Itani ndowendowe ya u ṅwala nomboro idzi.

3

Teacher:
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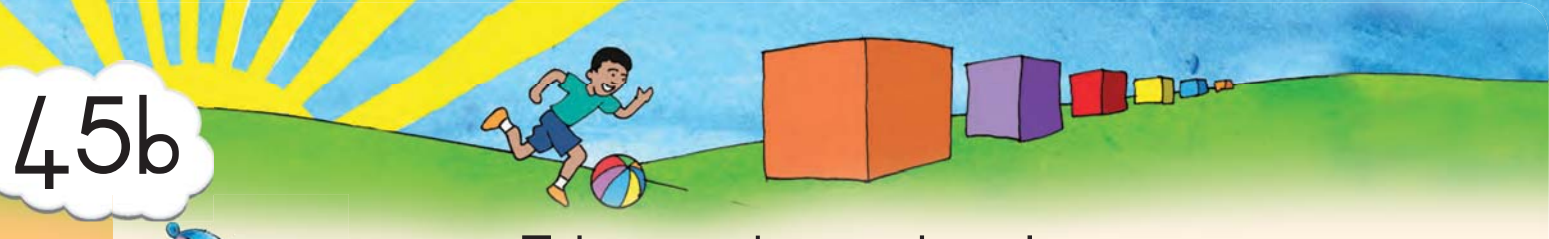
Date:

11 12 13 14 15 16 17 18 19 20



Tsha monde na tsha u ḽa

Ndi zwithu zwifhio zwi re kha tsha monde na tsha u ḽa tsha musidzana.
Ṅwalani thiki kha phindulo yone.



	Tsha monde	Tsha u ḽa
Bola yawe i kha tshanḓa tshawe		
Bugu yawe i kha tshanḓa tshawe		
Apula ḽawe ḽi kha tshanḓa tshawe		

	Tsha monde	Tsha u ḽa
Mmbwa yawe i kha tshanḓa tshawe		
Tshimange tshawe tshi kha tshanḓa tshawe		
Bege yawe i kha tshanḓa tshawe		





Nomboro i no khou ṱahela

Jenisani nomboro dzi no khou ṱahela.

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



Itani ndowendowe ya u ṅwala nomboro idzi.

6	7	8	9	10
rathi	sumbe	malo	ṱahe	fumi



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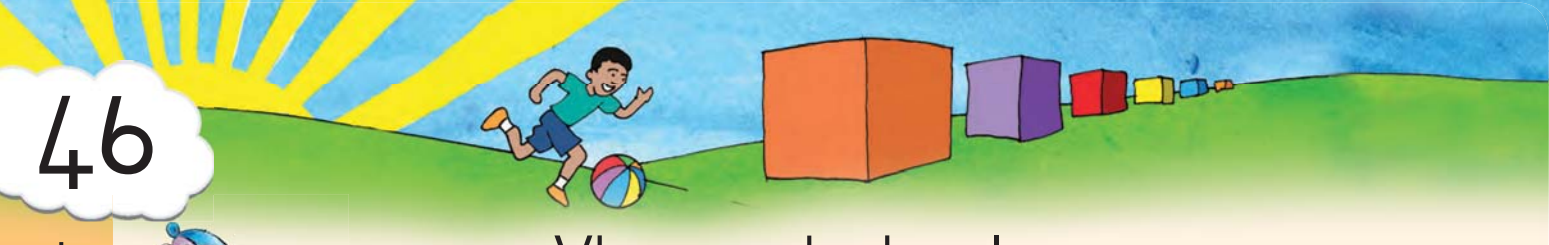
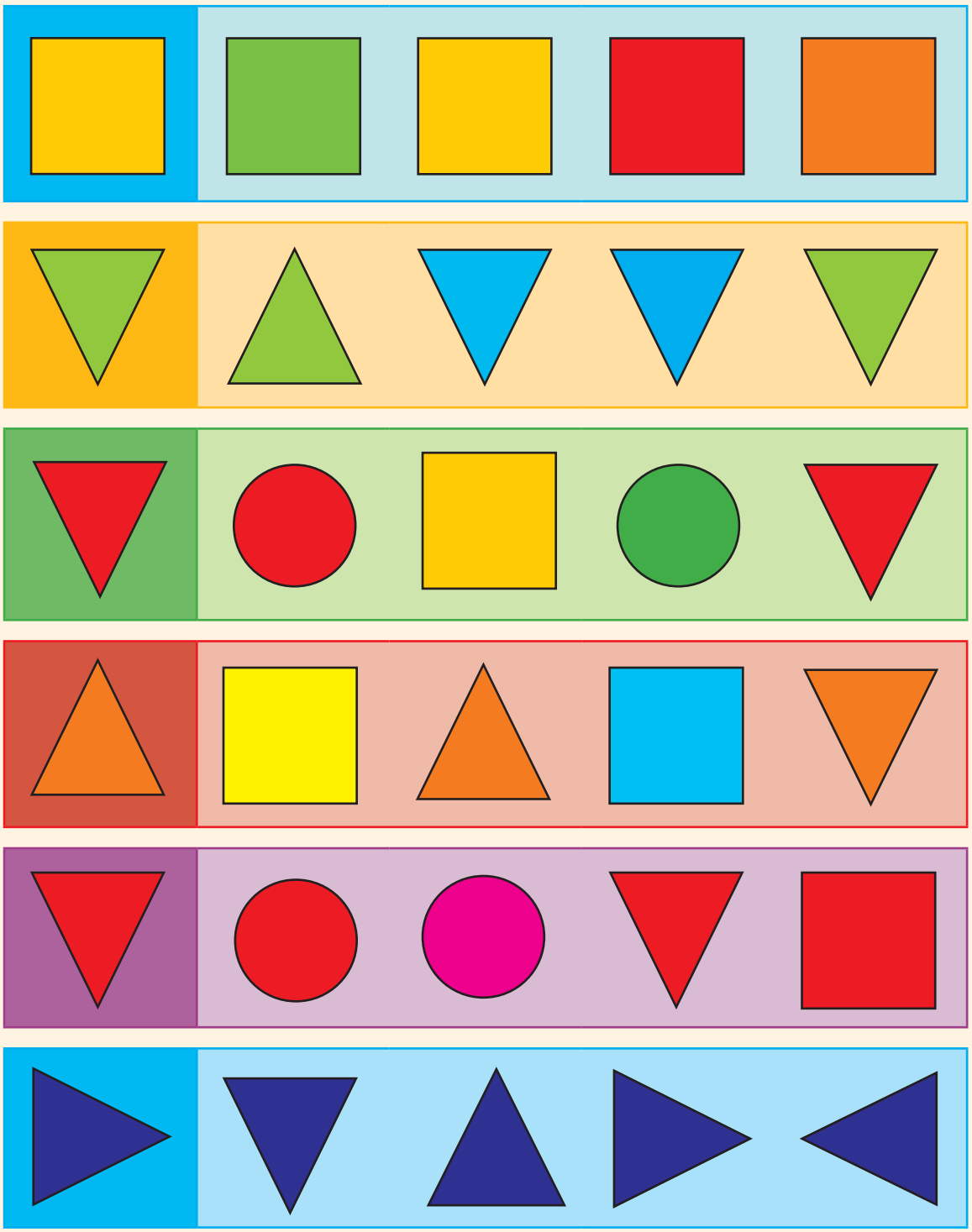




Vhuimo na kuvhonele

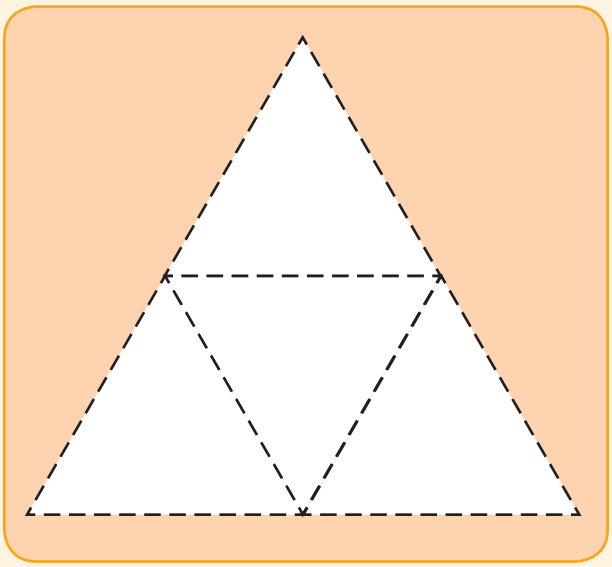
Wanani tshivhumbeo tshi no fana na tshi re tshibogisini tsha u thoma.

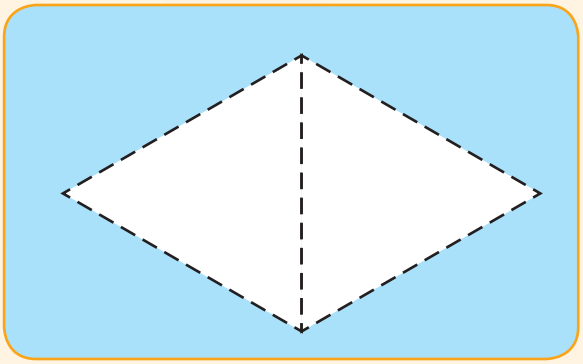


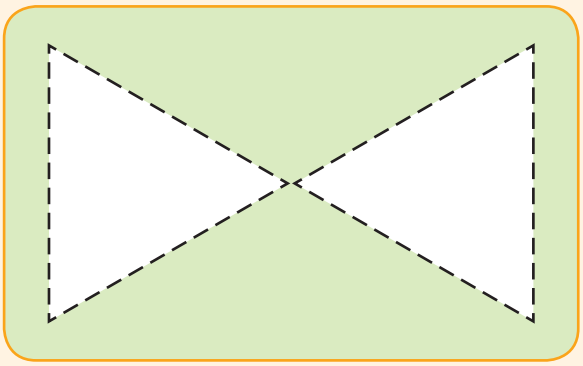


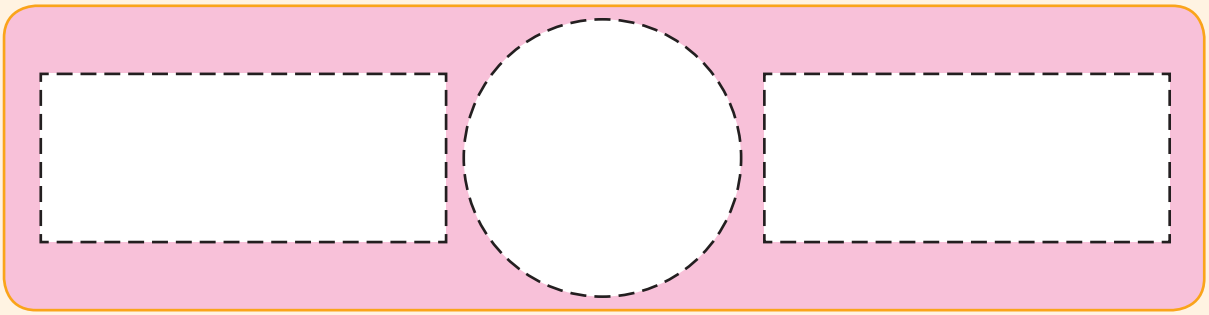


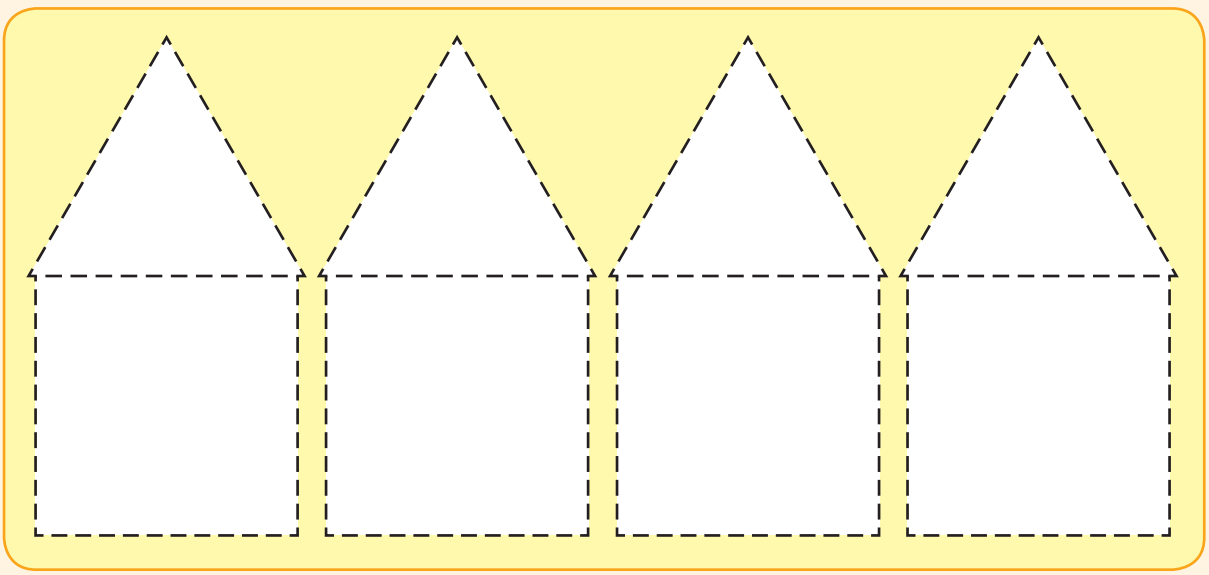
Shumisani zwivhumbeo zwa u gera kha u vhumba zwivhumbeo izwi.











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U ṱanganya raru

Ṱanganyani na 3 ni jenise phindulo.



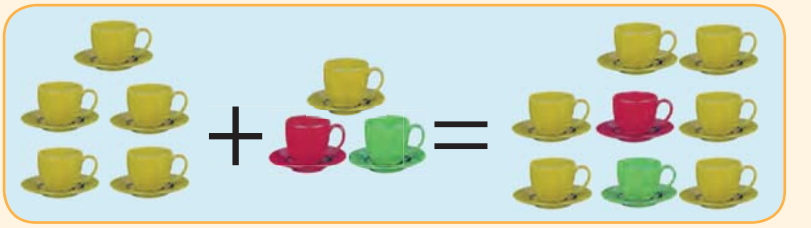
1 + 3 = 4



2 + 3 = ...



3 + 3 = ...

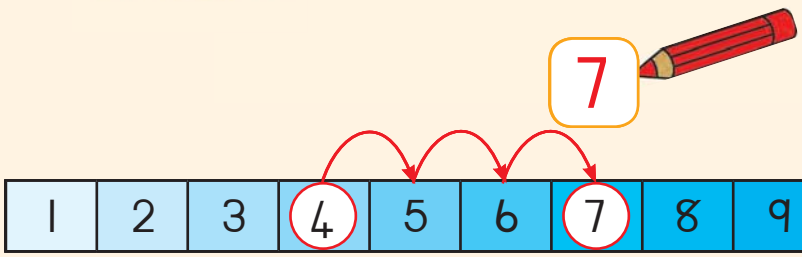


5 + 3 = ...

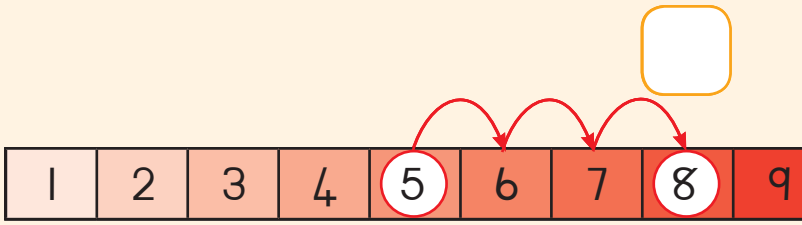


U ţanganya zwiṅwe zwiraru hafhu

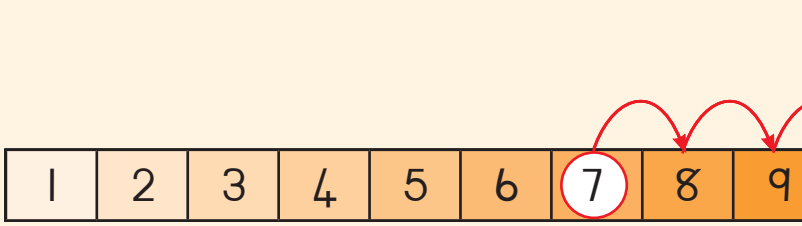
Ţanganyani na zwiṅwe zwiraru hafhu ni jenise phindulo.



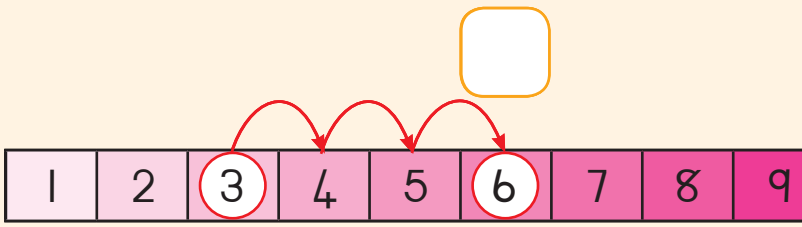
4 + 3 = 7



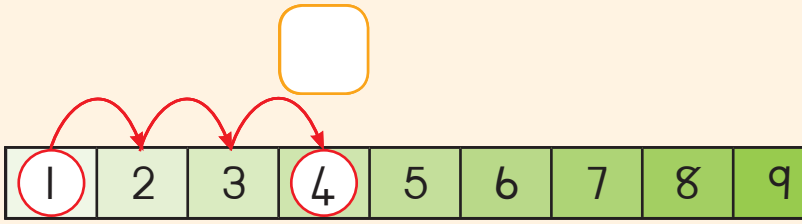
5 + 3 = ☐



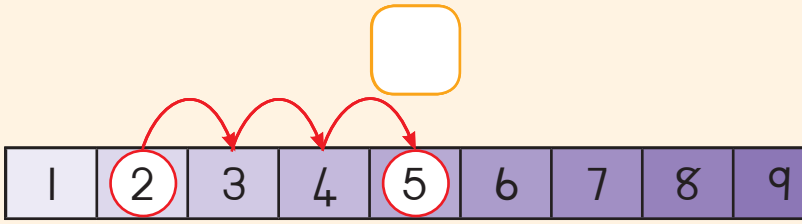
7 + 3 = ☐



3 + 3 = ☐



1 + 3 = ☐



2 + 3 = ☐

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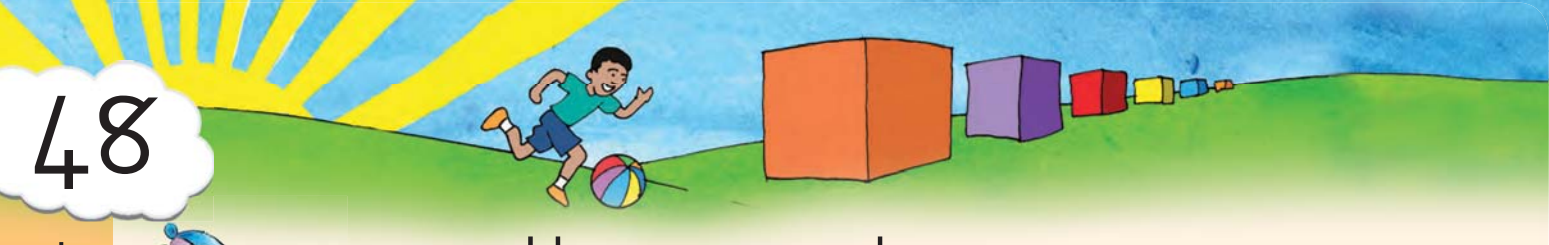
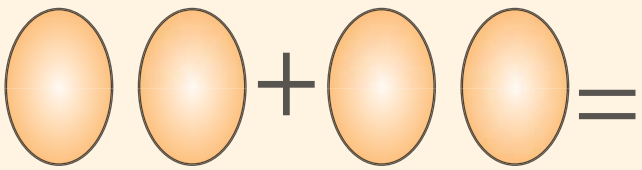
11 12 13 14 15 16 17 18 19 20



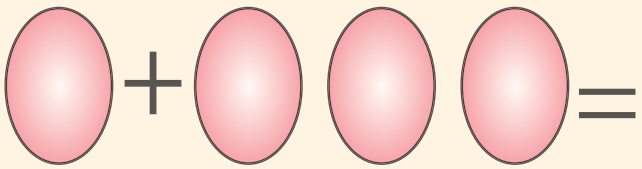


U ṱanganya maḽegere

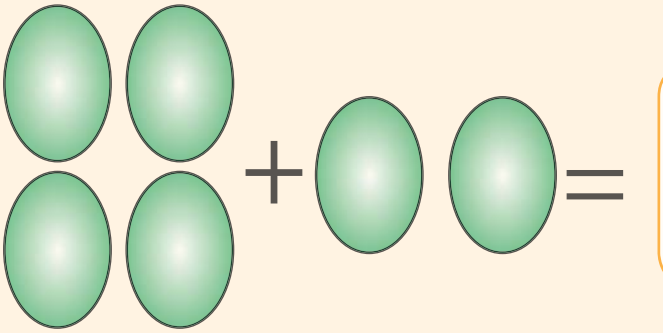
Ṱanganyani nomboro dzi re kha gumba ḽiṅwe na ḽiṅwe.



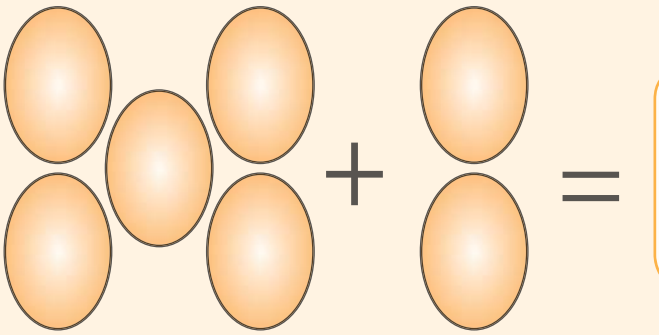
2 + 2 = 4



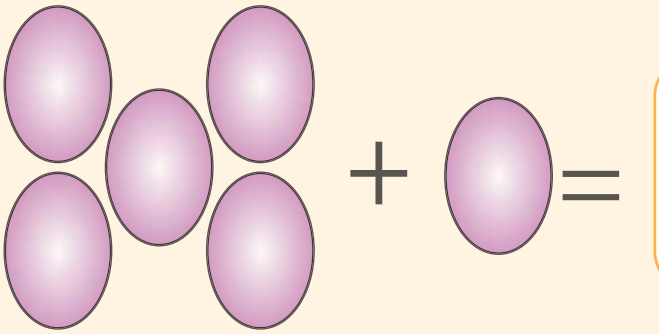
1 + 3 = ...



4 + 2 = ...



5 + 2 = ...



5 + 1 = ...

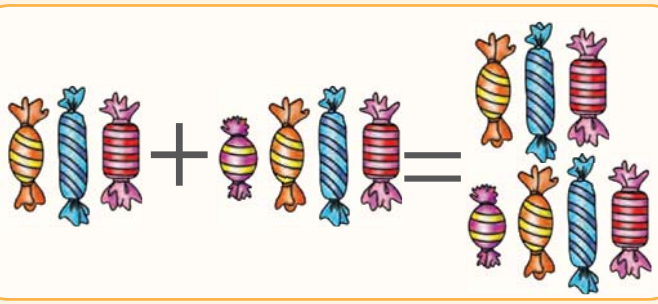


U ṱanganya

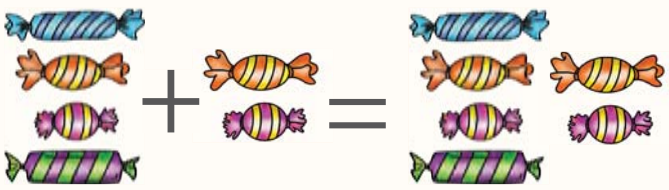
Ṱanganyani maḽegere ni jenise phindulo.



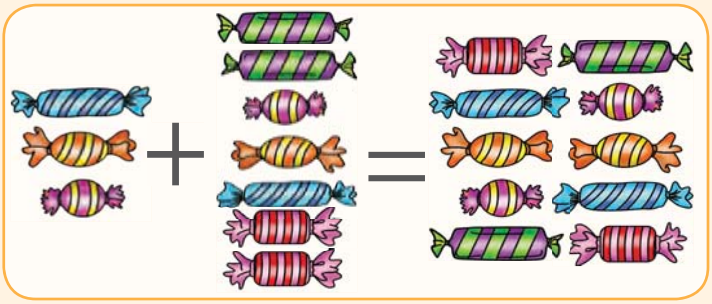
2 + 3 = 5



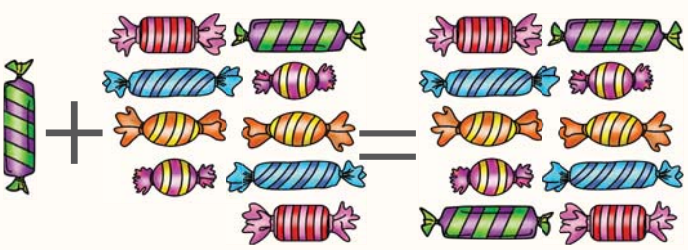
3 + 4 = ...



4 + 2 = ...



3 + 7 = ...



1 + 9 = ...

Teacher:
Sign:

Date:





Vhuimo

Ambani uri ndi vhonnyi vha re kha mbambe ya u gidima?
Ndi nnyi a re phanḓa?
Ndi nnyi wa vhuvhili?















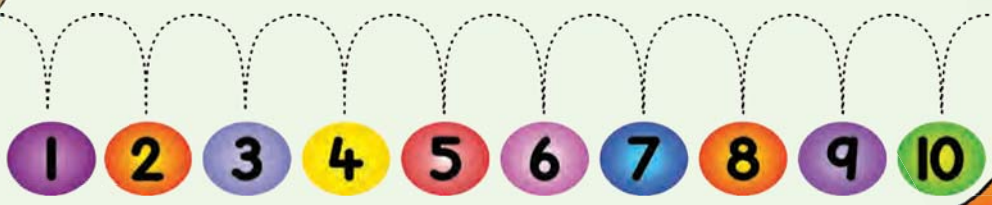


U thamuwa ha muvhuḓa



U thamuwa ha muvhuḓa. Tendelani muvhuḓa u tshi thamuwa u bva kha nomboro iṅwe u tshi ya kha iṅwe u swika u tshi wana kherotsi.







Ṱumekanyani zwithoma u itela u fhedzisa tshifanyiso itshi.



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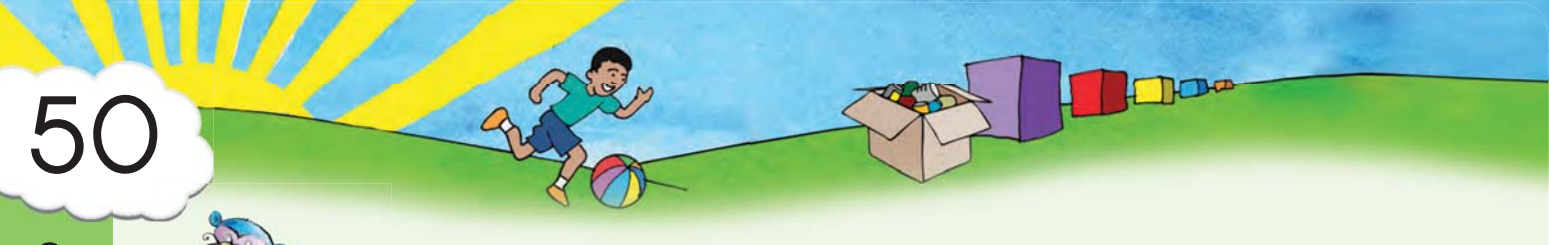
Date:







Shumisani zwanḓa zwaṋu kha u vhumba nomboro hedzi. Ni kone u dzi ṅwalulula.

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



U ṅwala nomboro 6 u swika kha 10



Itani nḓondowe ya u ṅwala nomboro idzi.



6 rathi 6 6 6 6



7 sumbe 7 7



8 malo 8 8



9 ṱahe 9 9



10 fumi 10 10



Teacher:
Sign:

Date:



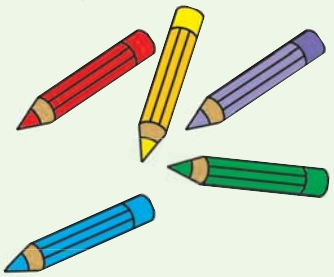
11 12 13 14 15 16 17 18 19 20



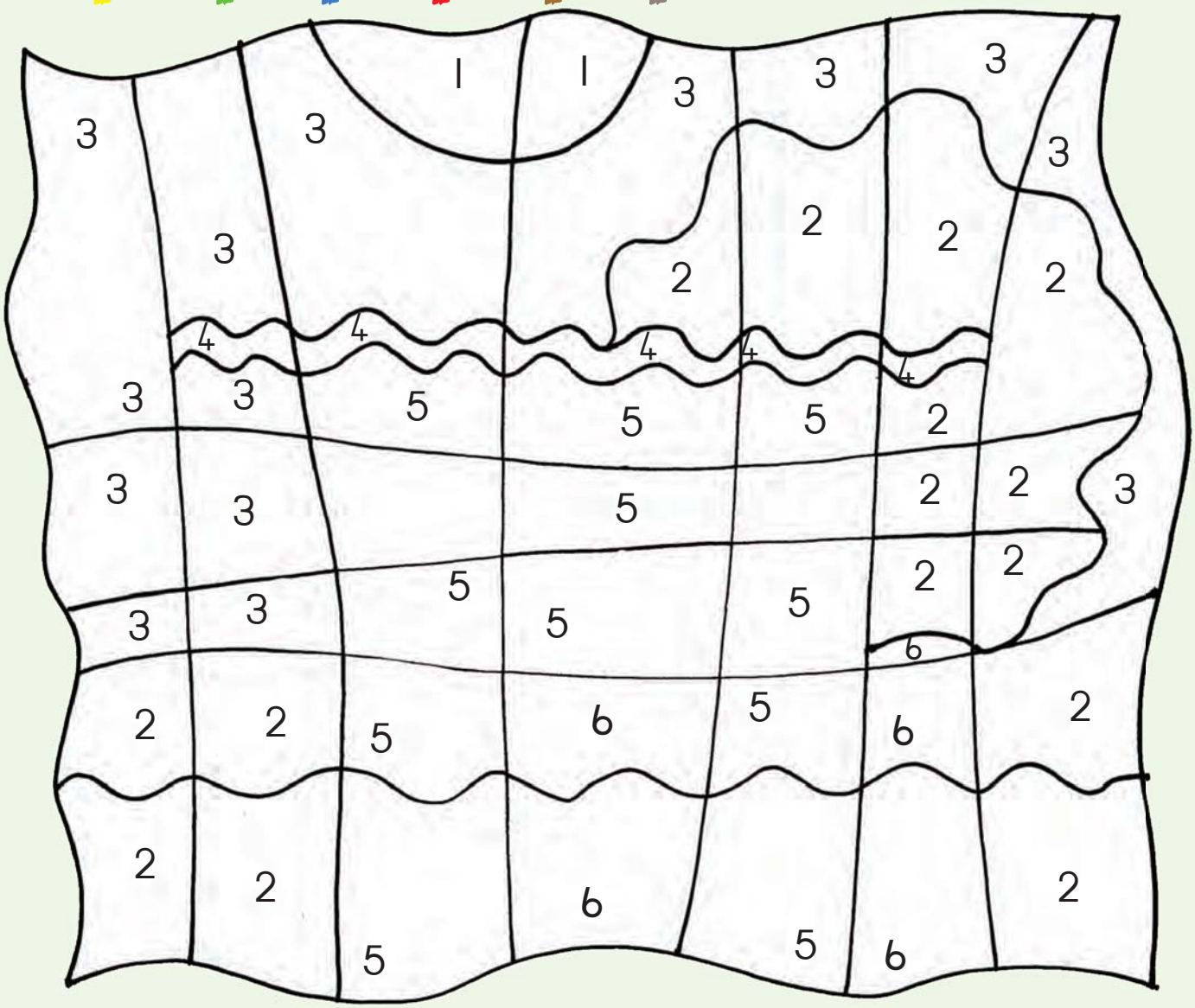


Khaḽarani nga nomboro

Khaḽarani tshifanyiso ni tshi shumisa mivhala i no yelana na nomboro iṅwe na iṅwe.



1 2 3 4 5 6







Jenisani dzina ḽa inwe na inwe ya hedzi nomboro.

●	thihi	1	1
●●		2	2
●●●		3	3
●● / ●●		4	4
●● / ● / ●●		5	5
●●● / ●●●		6	6
●● / ●● / ●●		7	7
●●●● / ●●●●		8	8
●●● / ● / ●●●		9	9
●●●●● / ●●●●●		10	10



Teacher:
Sign:

Date:



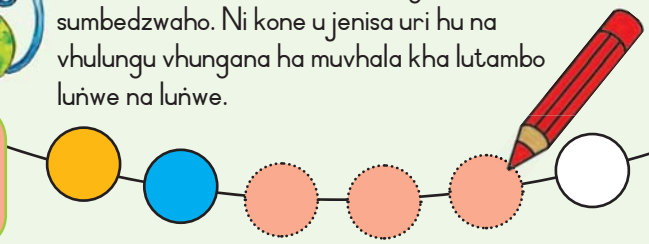
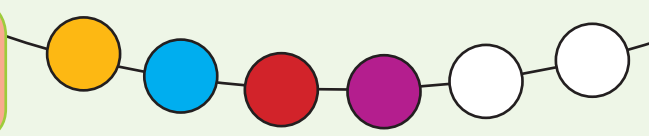
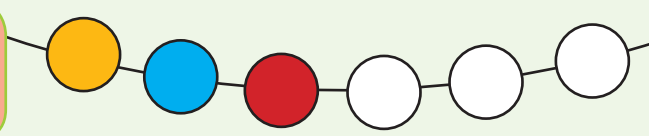
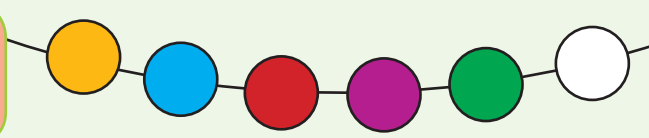
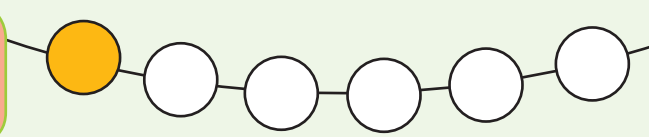
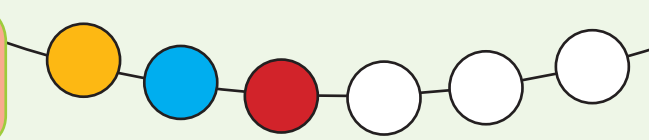
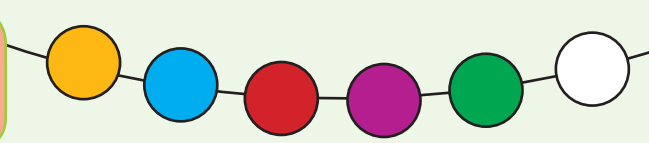
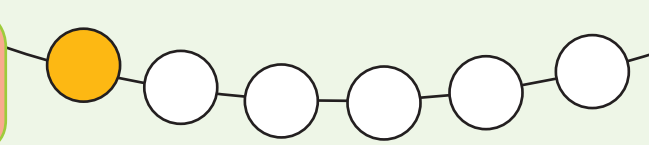


U jenisa vhuṅwe vhulungu haf hu

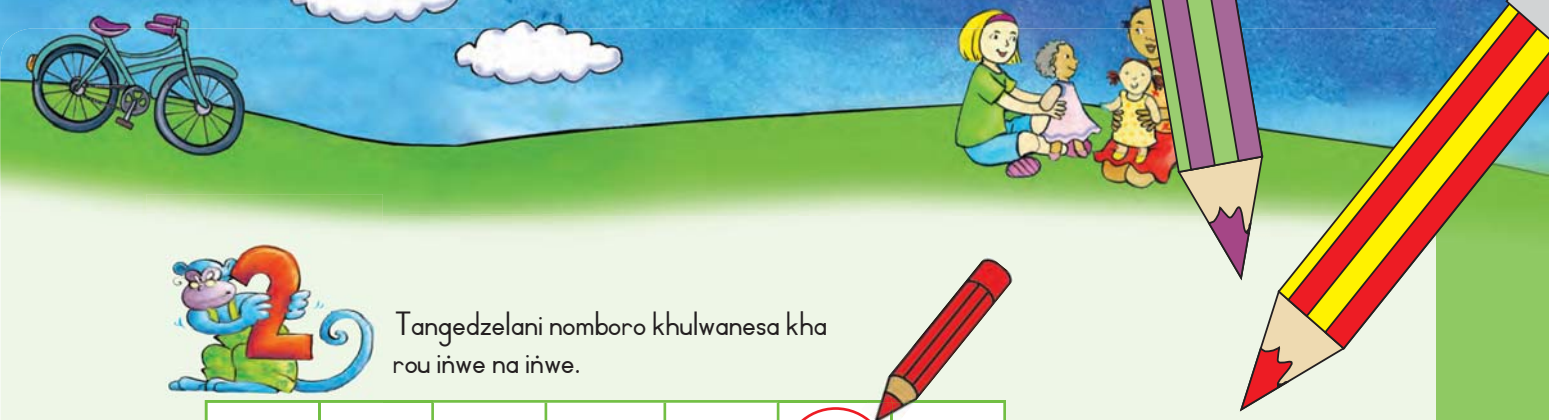


Khaḽarani tshivhalo tsha vhulungu tsho sumbedzwaho. Ni kone u jenisa uri hu na vhulungu vhungana ha muvhala kha lutambo luṅwe na luṅwe.

Ṅwalani ṱhanganyelo.

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





Tangedzelani nomboro khulwanesa kha rou iṅwe na iṅwe.

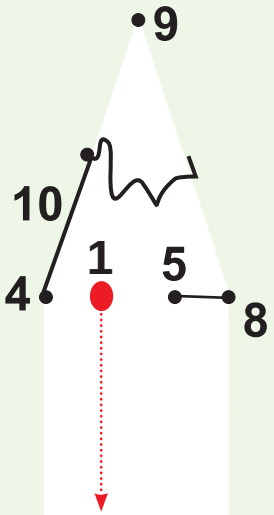
5	4	2	1	6	7	3
3	9	2	5	8	6	1
1	2	3	4	5	6	8
9	5	2	7	3	1	6
4	9	2	5	8	7	1

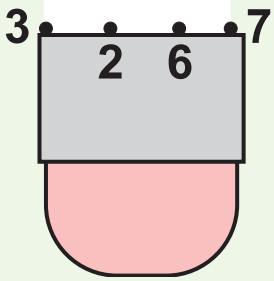


Zwino tangedzelani nomboro ṱhukhusa kha rou iṅwe na iṅwe.

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

Ṱanganyani zwithoma u bva kha 1 u swika kha 10.





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Date:

11 12 13 14 15 16 17 18 19 20



Mivhala

Jenisani thiki u sumbedza uri ri ṱoḓa zwidulo zwinzhi kana zwiṱuku naa zwa vhana.



Zwinzhi	Zwiṱuku



zwinzhi	zwiṱuku



Zwinzhi	Zwiṱuku



Zwinzhi	Zwiṱuku



Zwinzhi	Zwiṱuku

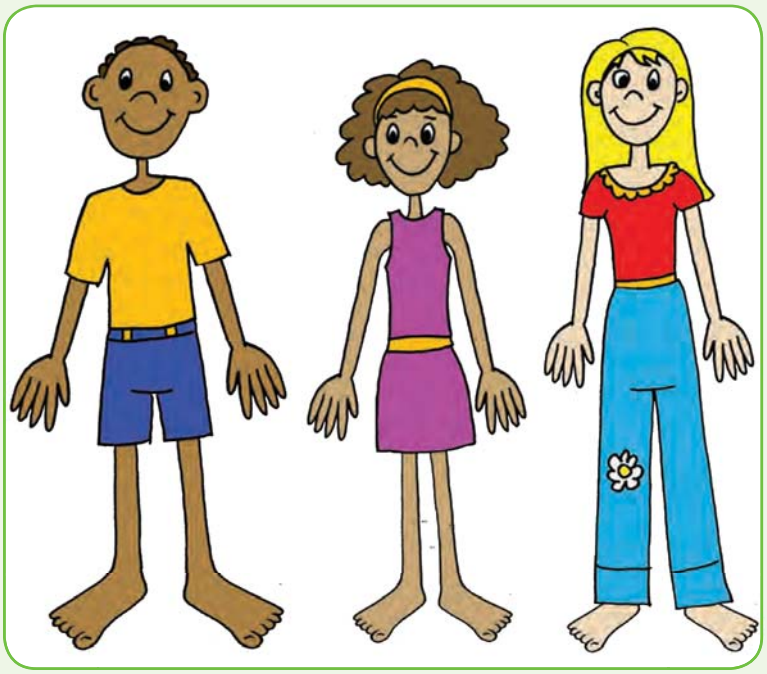


Mivhala

Kha ri vhale.



Hu na vhatukana vhangana?	
Hu na zwanḓa zwingana?	
Hu na milenzhe mingana?	
Hu na maṱo mangana?	



Hu na vhasidzana vhangana?	
Hu na zwanḓa zwingana?	
Hu na milenzhe mingana?	
Hu na maṱo mangana?	

Teacher:
Sign:

Date:





Ndila

Thusani muvhuḓa uri u wane kherotsi. U tea u khonela kha tsha monde kana kha tsha u ḽa.

tsha monde	tsha u ḽa
✓	

tsha monde	tsha u ḽa
✓	

tsha monde	tsha u ḽa
✓	

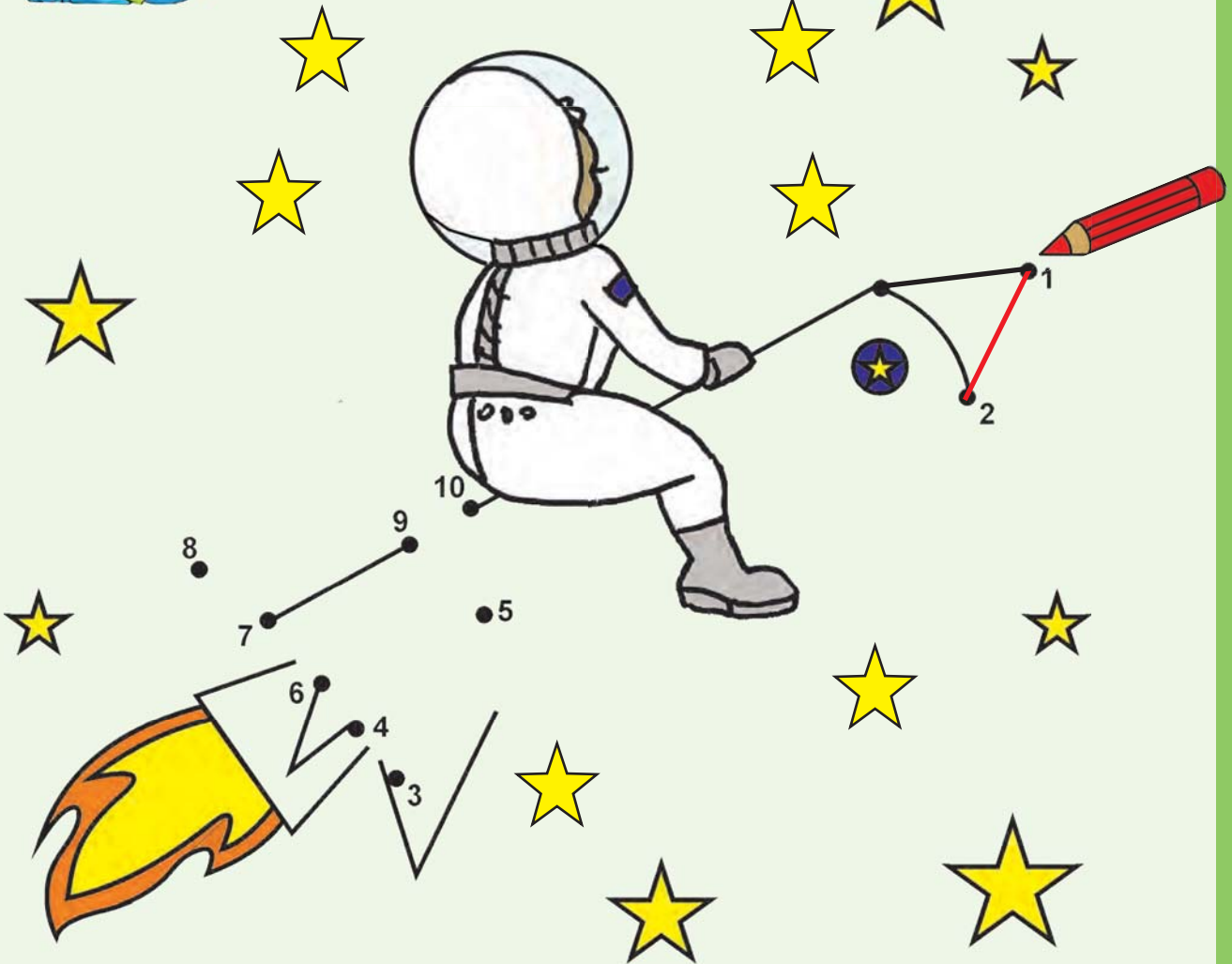
tsha monde	tsha u ḽa
✓	

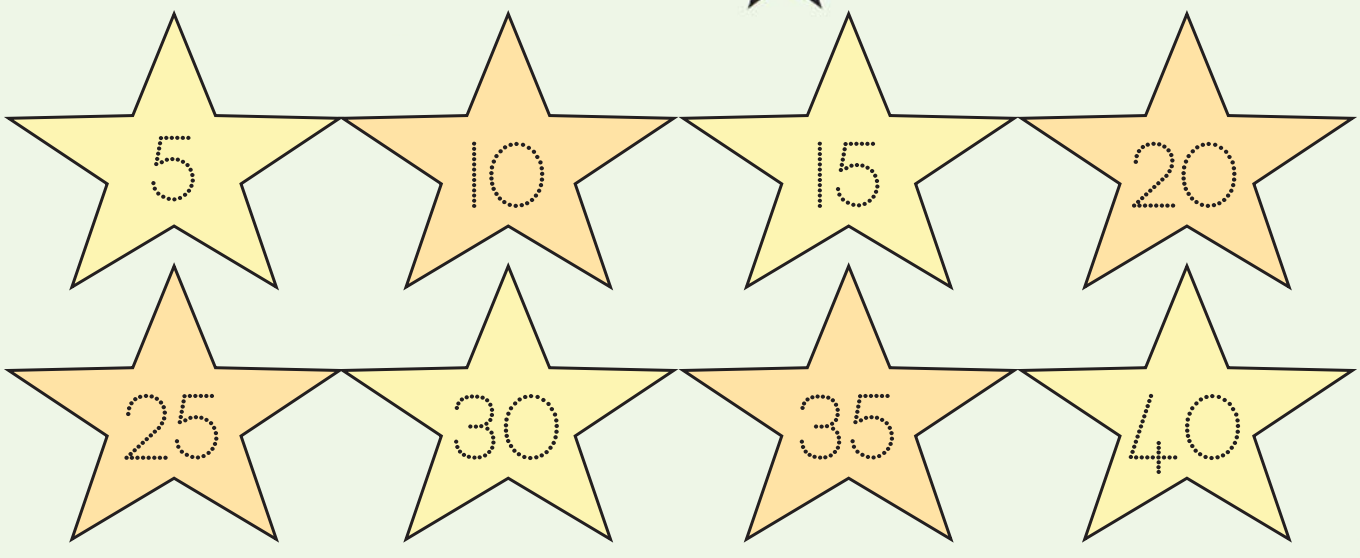
tsha monde	tsha u ḽa
✓	





Ṭumekanyani zwithoma uri ni fhedzise tshifanyiso.





Teacher:
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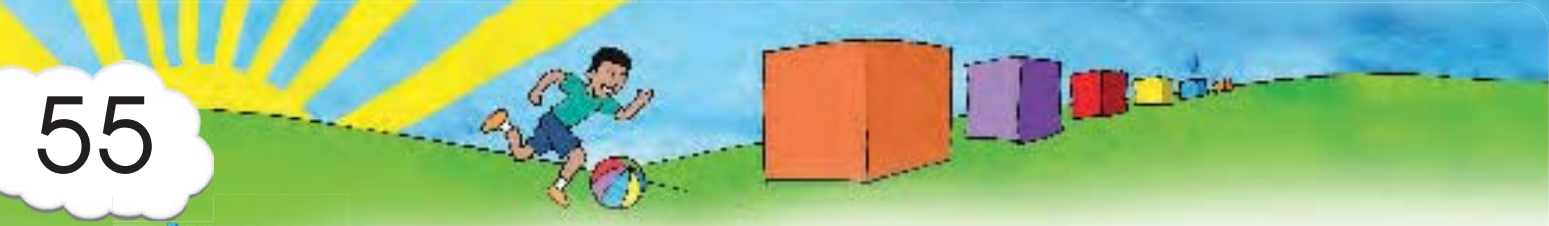
Date:





Tshifhinga

Khaḽarani phindulo i re yone. Zwi jia tshifhinga tshilapfu kana tshipfufhi?





Awara i a (lenga) (zwi a ṱavhanya u fhira) ḓuvha ḽoṱhe.





U gidima zwi a (lenga) (zwi a ṱavhanya u fhira) u tshimbila.





U tshimbila nga baisigiri zwi a (lenga) (zwi a ṱavhanya u fhira) u tshimbiloa nga goloi.





U eḓela zwi a (lenga) (zwi a ṱavhanya u fhira) u ḽa.





Nomborani nyito i tshi tevhekana nga ngona. Ro dzula ro ni itela ya u thoma.


1


3


2



























Teacher:
Sign:

Date:

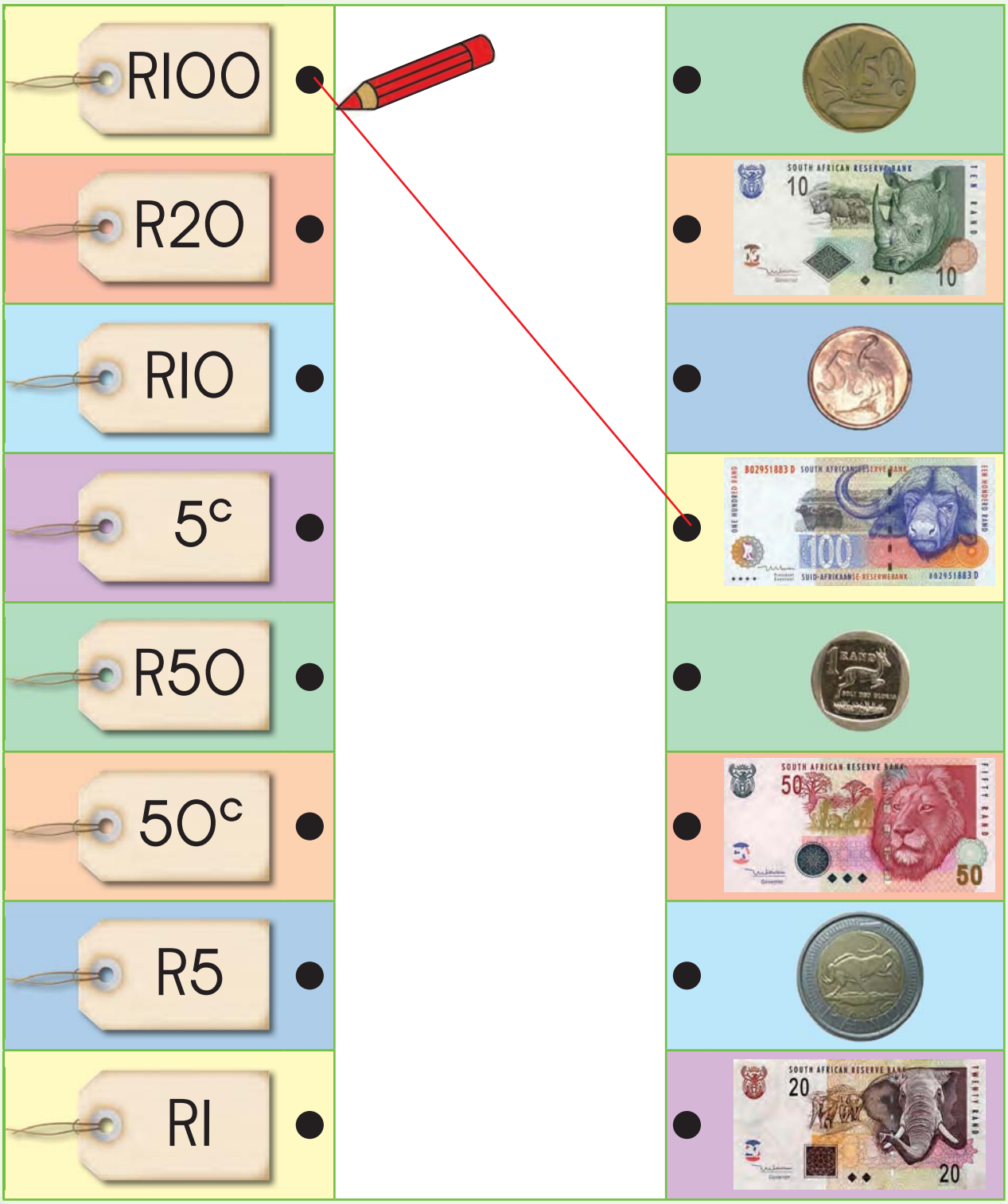
11 12 13 14 15 16 17 18 19 20





Tshelede

Livhanyani mutengo na tshelede.



Tshelede

Ni na vhugai?



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

Teacher:
Sign:

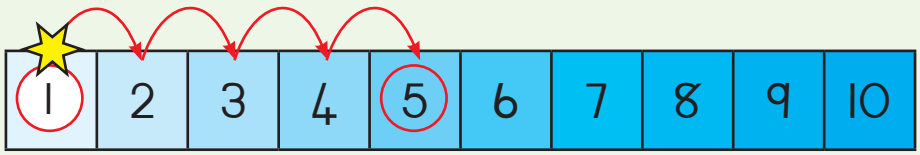
Date:



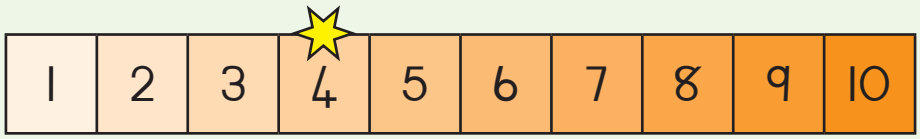


U ṱanganya kha mutalombalo

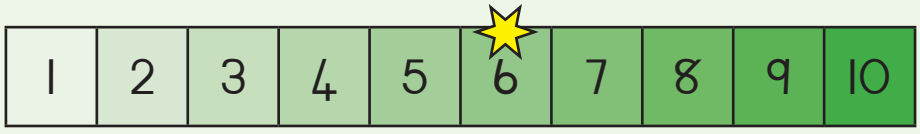
Ṱanganyani 4 na nomboro i re na ṋaledzi ni jenise phundulo.



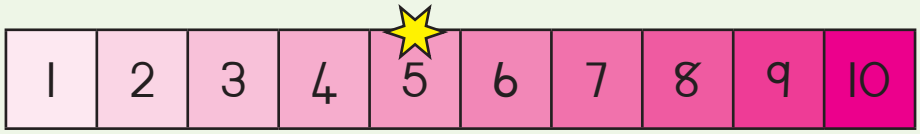
1 + 4 = 5



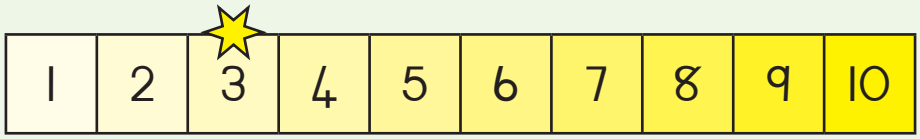
4 + 4 =



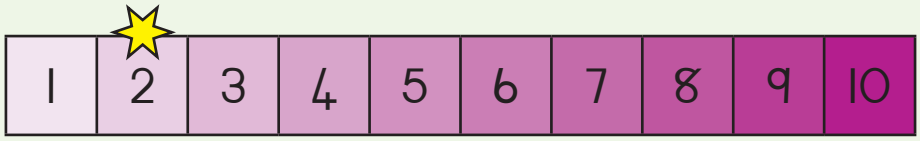
6 + 4 =



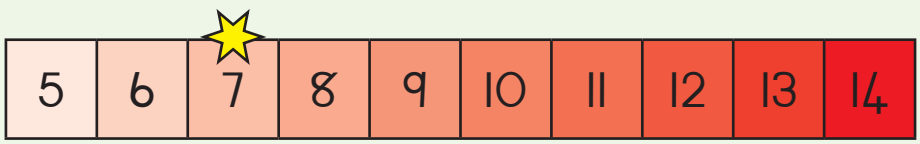
5 + 4 =



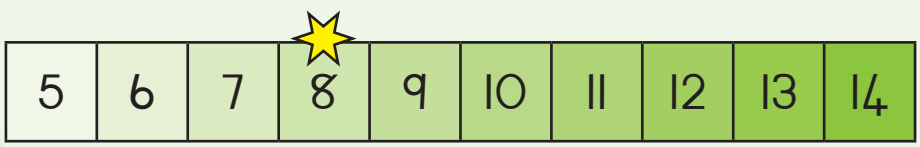
3 + 4 =



2 + 4 =



7 + 4 =



8 + 4 =



Tshelede

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

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

Teacher:
Sign:

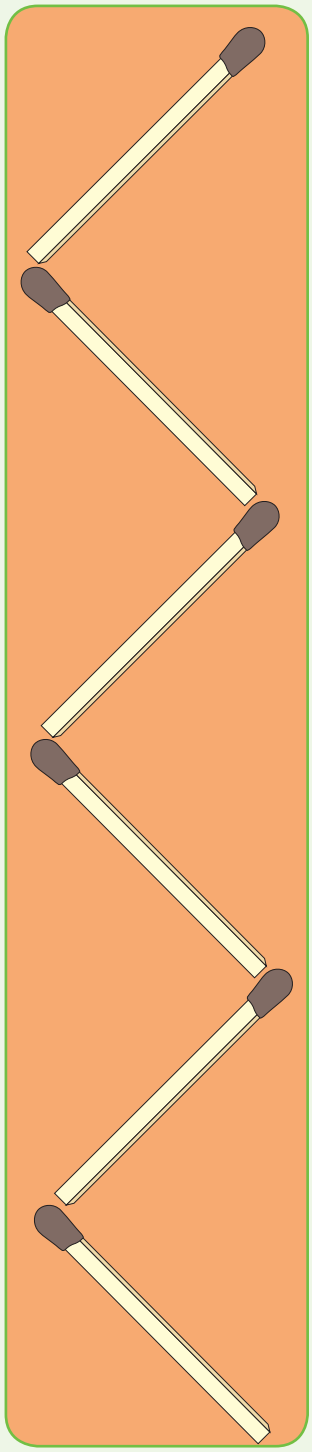
Date:

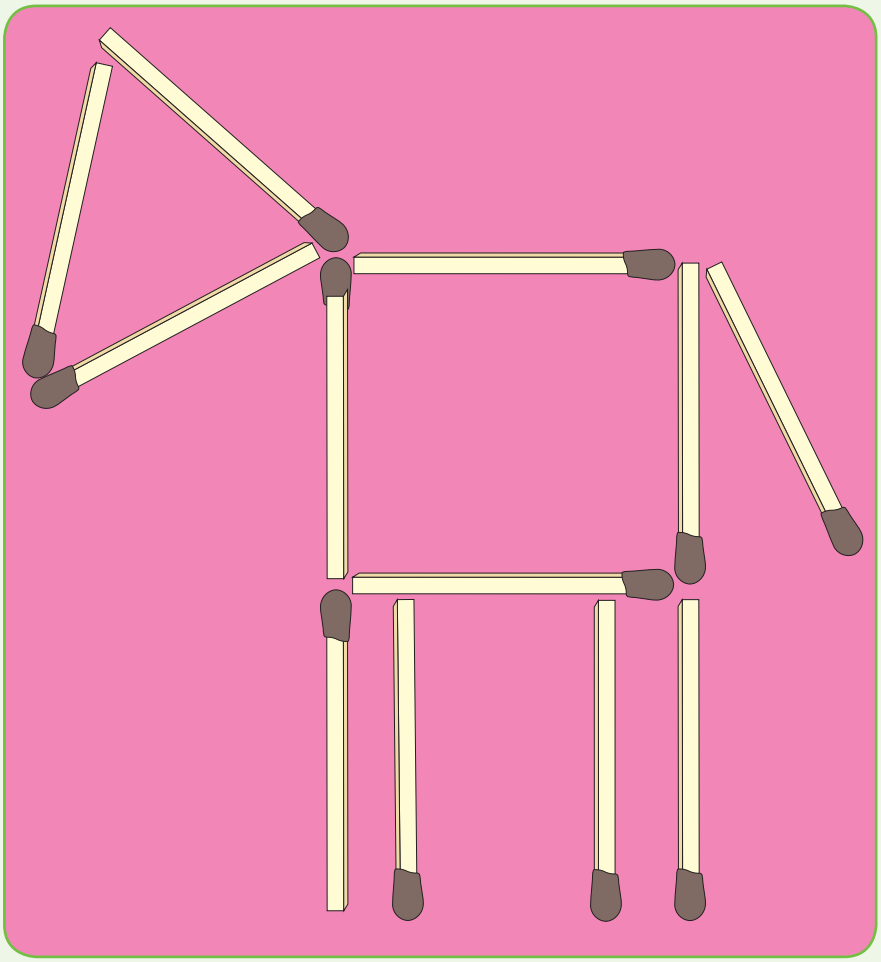


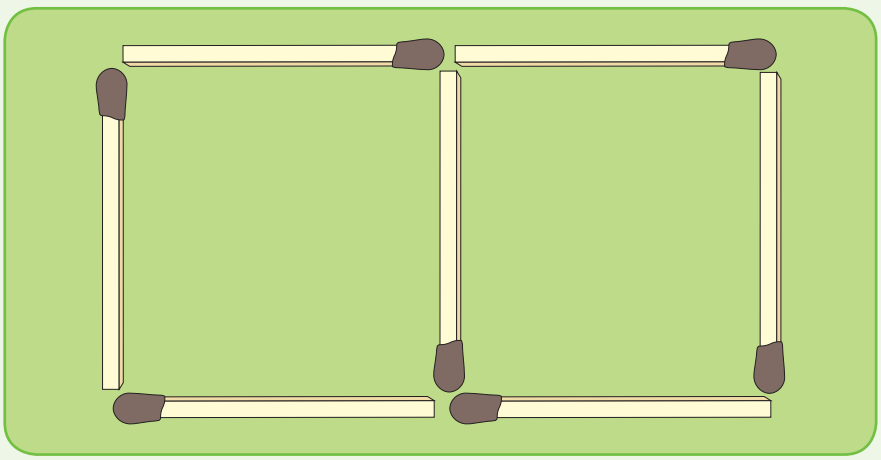


U livhanya

Shumisani zwitanda zwa metshisi kha u vhumba zwivhumbeo izwi.





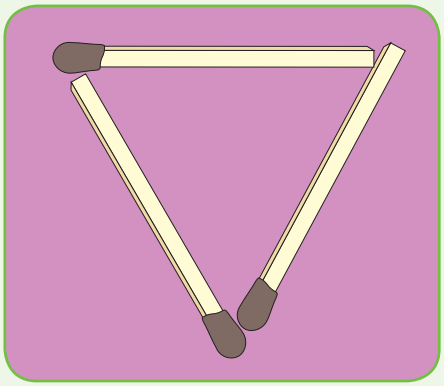


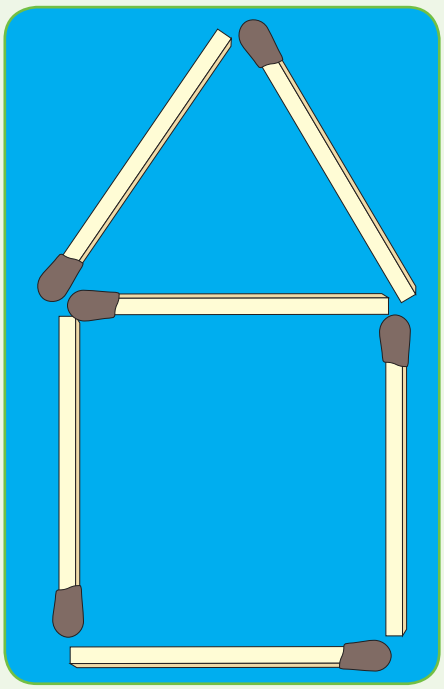


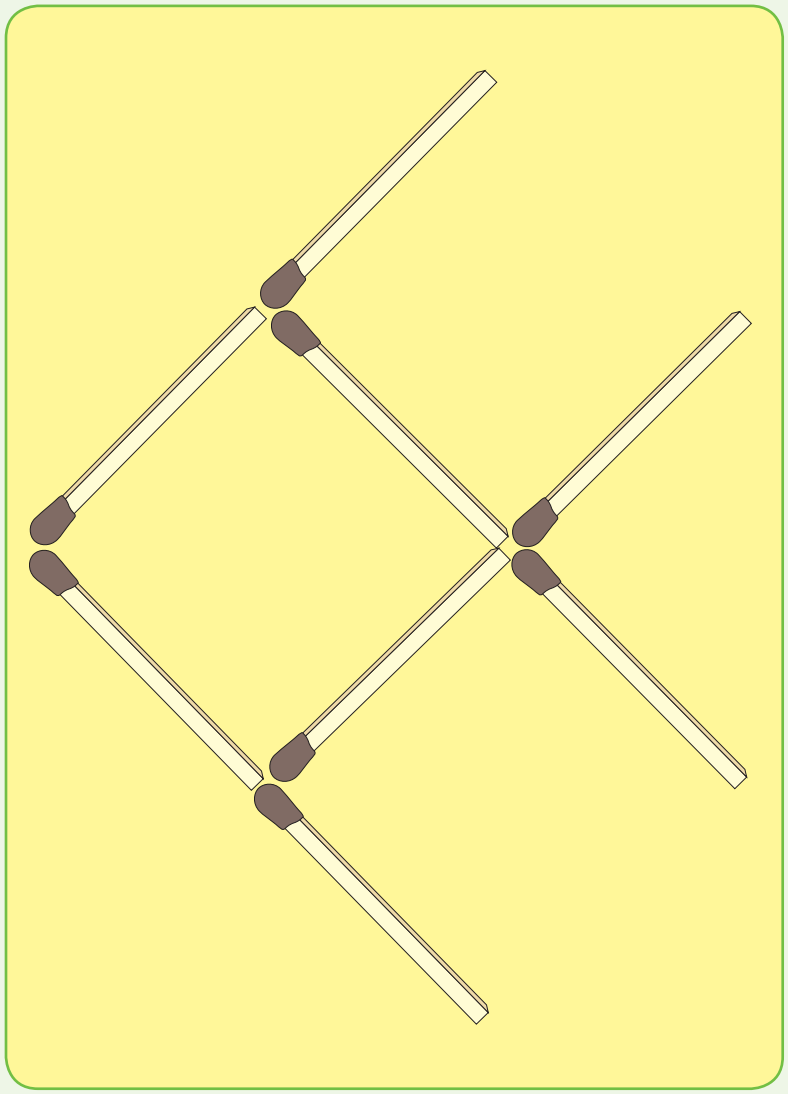


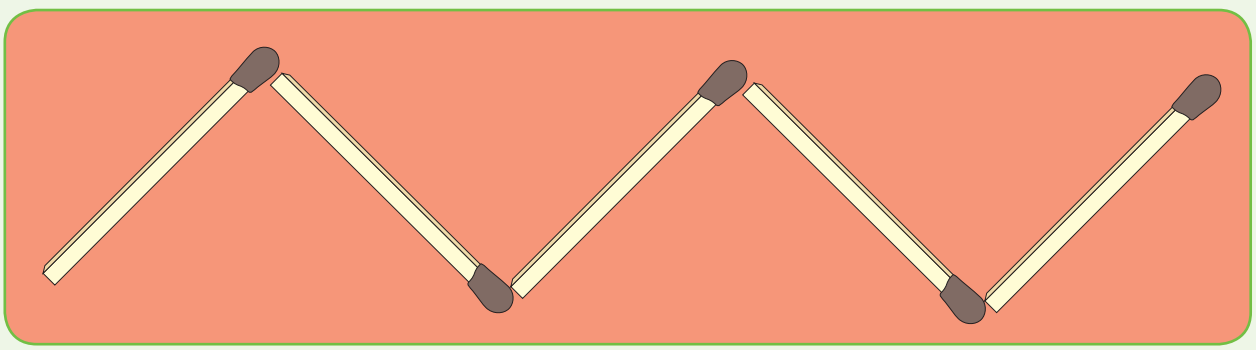


Shumisani zwitanda zwa metshisi kha u vhumba zwivhumbeo izwi.









Teacher:
Sign:

Date:







Nomboro dzi no khou ṱahela.

Jenisani nomboro dzo ṱahelaho kha rou iṅwe na iṅwe.

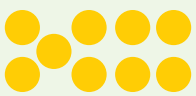
1	2	3		5	6	7		9	10
	22		24		26		28		30
2	4	6		10		14		18	
5	10			25	30			45	50
10		8	7			4	3		



Itani ndowendowe ya u ṅwala nomboro idzi.



malo 8 8



ṱahe 9 9



fumi 10 10





Lavhelesani tshifanyiso tsha u thoma. Ni lavhelese dzi re kha tsha vhuvhili ni jenise nomboro dzi no khou ṱahela.













1

3

4

5

7

8

10

Teacher:
Sign:

Date:

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U ṱanganya

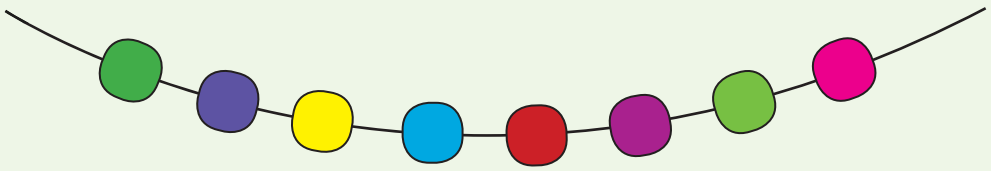
Edzisani hezwi.

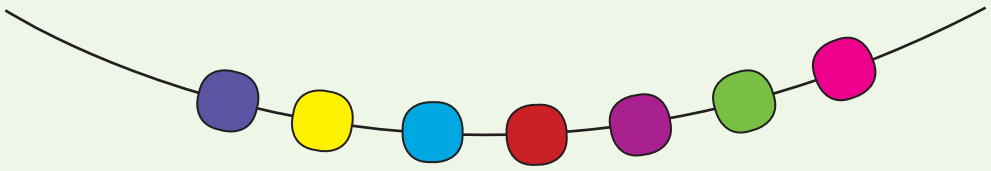
5 + 1 =	6	6 + 2 =	
5 + 0 =	5	6 + 4 =	
5 + 5 =	10	7 + 0 =	
5 + 4 =		7 + 3 =	
5 + 2 =		7 + 2 =	
5 + 3 =		7 + 1 =	
5 + 5 =		8 + 1 =	
6 + 0 =		8 + 0 =	
6 + 3 =		8 + 2 =	
6 + 1 =		9 + 1 =	

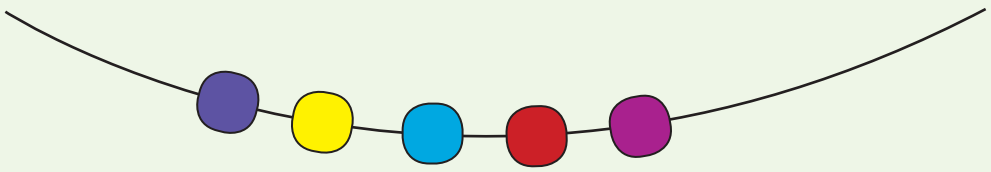


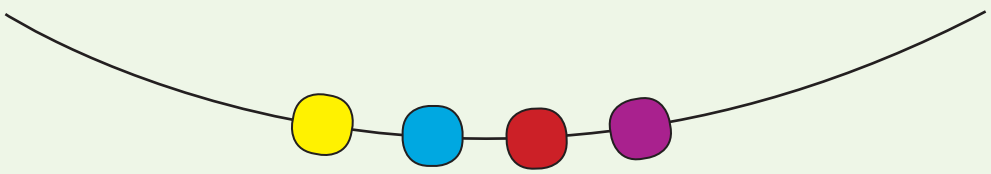


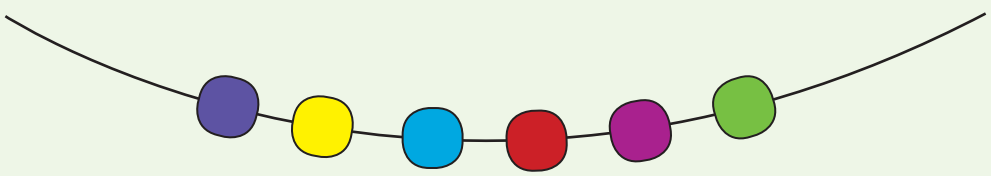
Vhalani malungu ni jenise nomboro yo teaho.









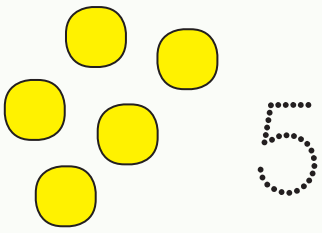


Ndi malungu mangana o ṱangana oṱhe? A oleni ni ṅwale nomboro.

malungu a ṱaḓa

malungu a pinki

malungu a mudala



5

Teacher:
Sign:

Date:

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U ṱanganya huṅwe hafhu kha mutalombalo

Ṱanganyani nomboro. Shumisani mutalombalo uri u ni thuse.

1	2	3	4	5	6	7	8	9	10

1 + 3 = 4

1	2	3	4	5	6	7	8	9	10

3 + 3 =

1	2	3	4	5	6	7	8	9	10

4 + 3 =

1	2	3	4	5	6	7	8	9	10

5 + 2 =

1	2	3	4	5	6	7	8	9	10

2 + 3 =

1	2	3	4	5	6	7	8	9	10

5 + 1 =

1	2	3	4	5	6	7	8	9	10

7 + 3 =

1	2	3	4	5	6	7	8	9	10

6 + 2 =



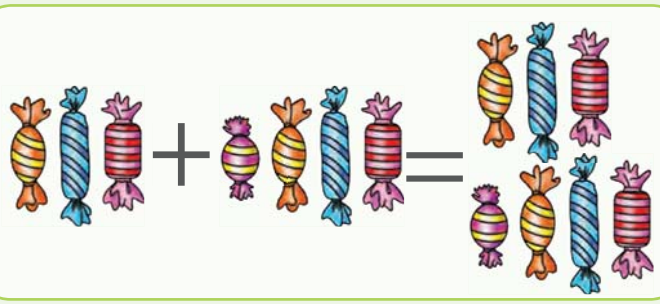
U ṭanganya maḷegere



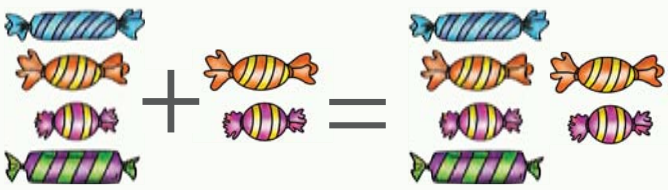
Ṭanganyani maḷegere ni jenise phindulo.



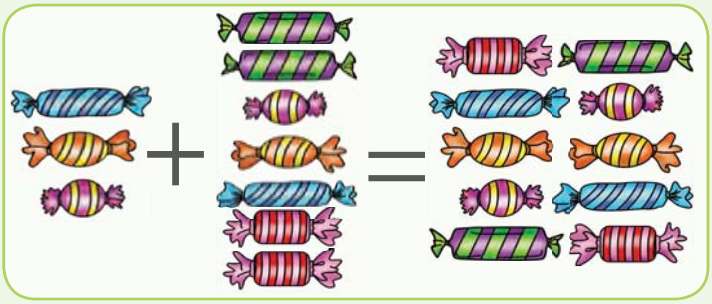
2 + 3 = 5



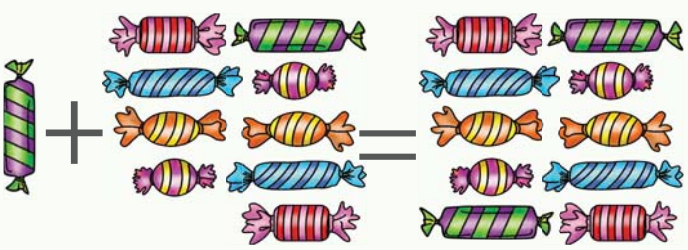
3 + 4 = ...



4 + 2 = ...



3 + 7 = ...



1 + 9 = ...

Teacher:
Sign:

Date:



Zwo ḓala kana a hu na tshithu



Khaḽarani phindulo i re yone.
Zwifaredzi zwo ḓala kana a zwi na tshithu?



a zwi na tshithu	zwo ḓala

a zwi na tshithu	zwo ḓala



a zwi na tshithu	zwo ḓala

a zwi na tshithu	zwo ḓala



a zwi na tshithu	zwo ḓala

a zwi na tshithu	zwo ḓala



a zwi na tshithu	zwo ḓala

a zwi na tshithu	zwo ḓala



a zwi na tshithu	zwo ḓala

a zwi na tshithu	zwo ḓala



a zwi na tshithu	zwo ḓala

a zwi na tshithu	zwo ḓala



a zwi na tshithu	zwo ḓala

a zwi na tshithu	zwo ḓala

zwo ḓala	a zwi na tshithu





Tanganyani nomboro.



5 + 1 = 6



5 + 0 = 5



2 + 3 = 5



4 + 3 =



5 + 2 =



1 + 3 =



6 + 2 =



6 + 0 =



4 + 4 =



6 + 1 =



5 + 3 =

Teacher:
Sign:

Date:

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U ṱanganya

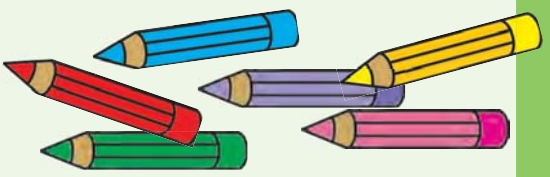
Edzisani hezwi

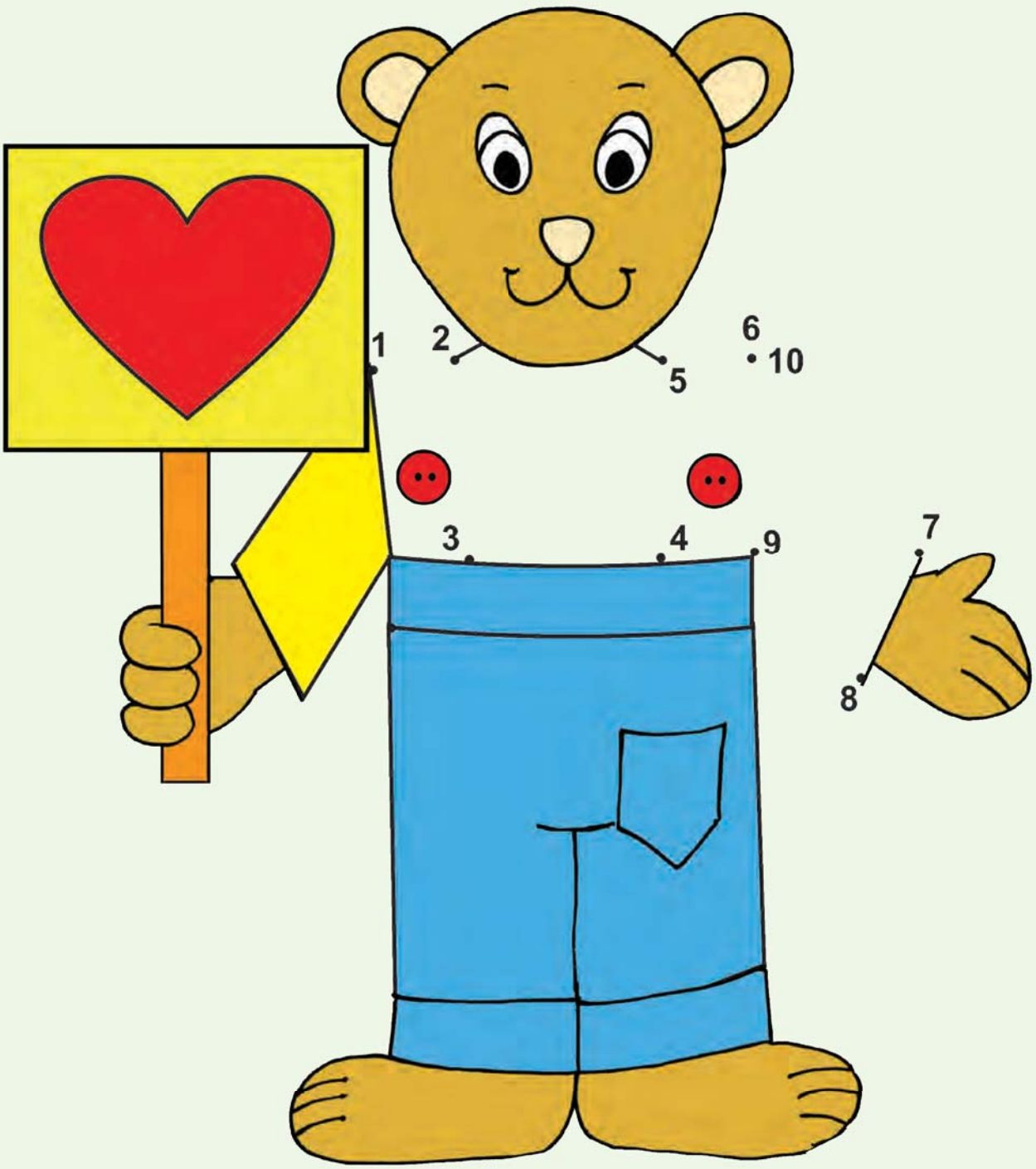
3	+ 6 =	9	1	+ 1 =	
4	+ 0 =	4	0	+ 7 =	
0	+ 5 =	5	3	+ 2 =	
6	+ 0 =		5	+ 3 =	
2	+ 2 =		7	+ 2 =	
1	+ 3 =		4	+ 4 =	
2	+ 5 =		5	+ 1 =	
5	+ 0 =		4	+ 3 =	
1	+ 8 =		2	+ 6 =	
4	+ 2 =		8	+ 2 =	





Tumani zwithoma.





Teacher:
Sign:

Date:



U vhala na u ṅwala nomboro

Vhalani uri ndi zwingana ni ite nḓowenḓowe ya u ṅwala nomboro afho zwikhalani.



1 tshithi 1 1 1 1 1 1



2 mbili 2 2



3 raru 3 3



4 ina 4 4



5 tshanu 5 5





6 rathi 6 6



7 sumbe 7 7



8 malo 8 8



9 ɣahe 9 9



10 fumi 10 10

Teacher:
Sign:

Date:

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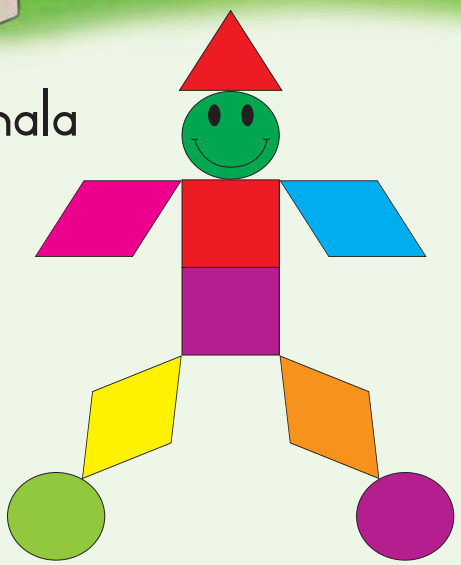
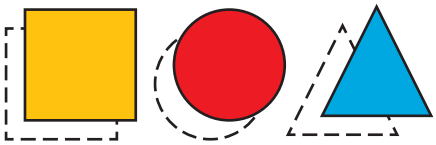
Zwivhumbeo na muvhala

Shumisani zwivhumbeo zwa zwigeriwa kha u vhumba munna a no nga hoyu.

Lingedzani u vhumba zwiṅwe zwifanyiso ni tshi shumisa zwivhumbeo zwaṋu.

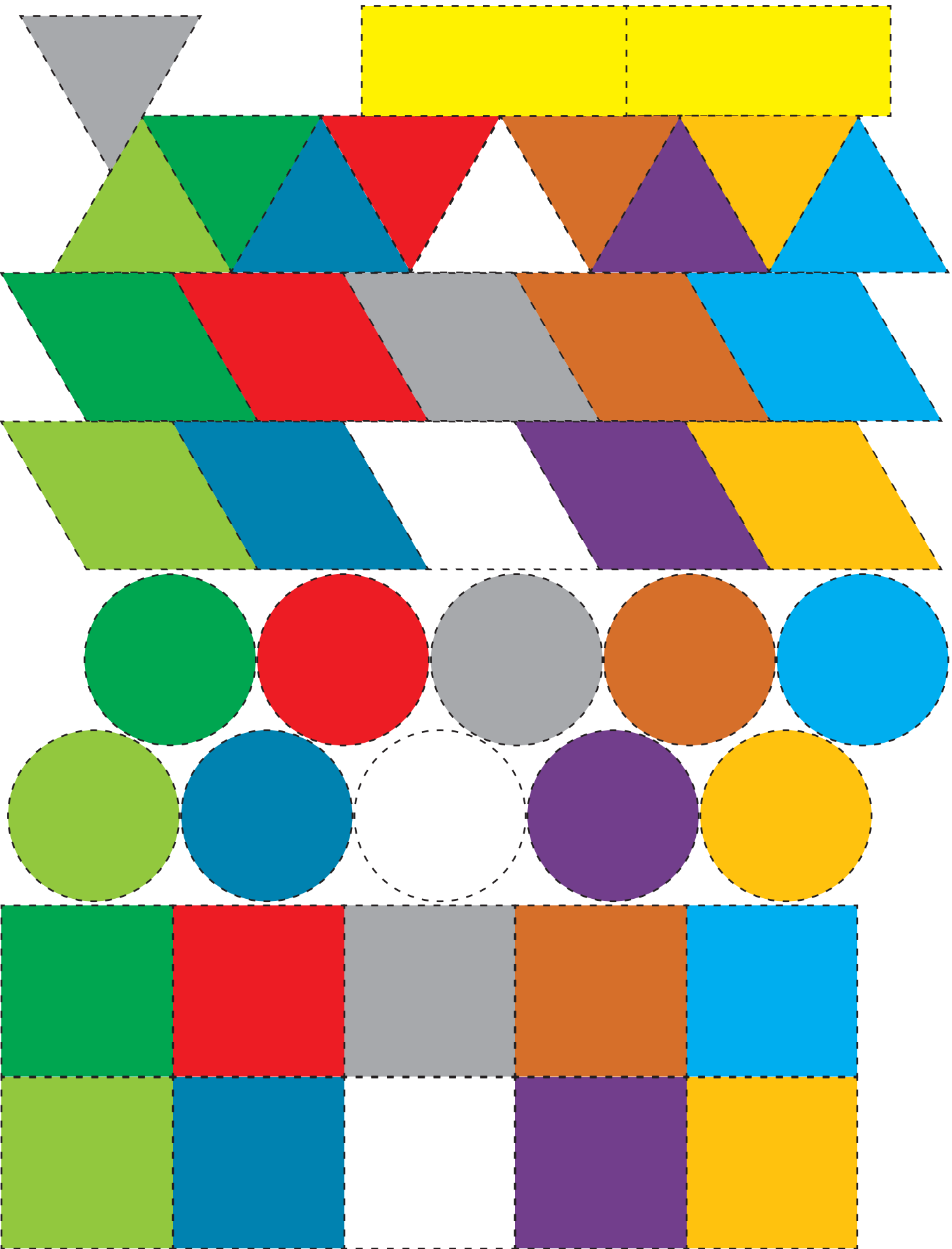


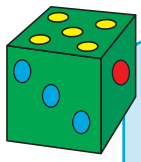


Shapes:

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







Make a dice:

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



The game:

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

