U ṱalukanya Mulayotewa (Ndayotewa) wa Riphabuḽiki ya Afrika Tshipembe (1996)

Milayo ya nṱhesa ya shango i wanala kha Mulayotewa (Ndayotewa) wa Riphabuḽiki ya Afrika Tshipembe (1996). Milayo iyi i na maanḓa u fhira na muphuresidennde, maanḓa ayo a fhira a dzikhothe na a muvhuso woṱhe.

Ndi milayo ine ya laya vhathu vha ḽino shango uri vha tea u farana nga nḓilaḓe. Mulayotewa wa shango wo itelwa u tsireledza roṱhe ri no khou tshila zwino na vhana vhashu vhane vha kha ḓi ḓo ḓa.

Ṱalukanyani hune ra bva hone.	Ri songo dovha vhukhakhi ha mulovha.	Mulayotewa washu u ri thusa uri ri elekanye nga vhumatshelo ha khwiṋe ha roṱhe khathihi na u vhu fhaṱa.

Riṋe, vhathu vha Afrika Tshipembe;

Ri dzhiela nṱha u shaea ha vhulamukanyi kha tshifhinga tsho fhelaho;

Ri ṱhonifha havho vhe vha tambulela vhulamukanyi na mbofholowo kha shango ḽashu;

Ri ṱhonifha havho vhe vha shuma vha tshi itela u fhaṱa na u bveledzisa shango ḽashu; na

U tenda uri Afrika Tshipembe ndi ḽa vhoṱhe vhane vha dzula khaḽo, vho vhofhekanywaho vha vha huthihi naho vha sa fani.

Zwenezwo, nga kha vhaimeleli vho khethiwaho zwavhuḓi, ri khou ṱanganedza ino Ndayotewa sa wone Mulayo Muhulusa wa Riphabuḽiki uri u—

Fhelise khethululo ya tshifhinga tsho fhelaho na u thoma tshitshavha tshine tsho ḓisendeka kha ndeme dza demokirasi, vhulamukanyi ha matshilisano na pfanelo dza vhuthu;

Fhaṱe mitheo kha demokirasi na tshitshavha tshi re khagala hune

muvhuso wo ḓisendeka kha lufuno lwa vhathu nahone vhadzulapo

vho tsireledzwa nga mulayo nga nḓila I linganaho;

Khwinisa ndeme ya Vhutshilo ha vhadzulapo vhoṱhe na u vhofholola vhukoni ha muthu muṅwe na muṅwe; na

Fhaṱa mbumbano na demokirasi zwa Afrika Tshipembe uri ḽi kone u vha fhethu ho teaho sa muvhuso wo ḓiimisaho kha muṱa wa tshaka.

Shumisani pfanelo dzaṋu sa mudzulapo wa Afrika Tshipembe ni dovhe ni vhe na vhuḓifhinduleli ha u tsireledza pfanelo dza vhaṅwe.	Ḓivhani Mulayotibe Wa Pfanelo na Mulayotibe Wa Vhuḓifhinduleli.

Mudzimu tsireledza vhathu vhashu.
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Hosi katekisa Afrika.

Rainbow WORKBOOKS

MATHEMATICS IN TSHIVENḒA
GRADE 1 – BOOK 1
TERMS 1 & 2
ISBN 978-1-920458-91-1

THIS BOOK MAY NOT BE SOLD.

11th Edition

9 781920 458911

1 2 3 4

ḒIVHAMBALO NGA TSHIVENḒA – Gireidi ya I Bugu I

ISBN 978-1-920458-91-1

Yo vusuludzwa, i tevhedza CAPS



ḒIVHAMBALO NGA TSHIVENḒA

Gireidi ya 1

Bugu ya I
Themo I & 2

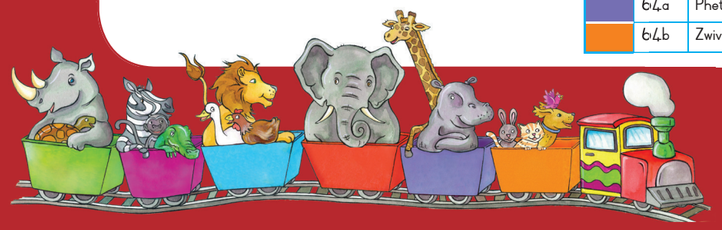
Ḍzina:

Kiḽasi:

basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Zwi re ngomu

No.	Ṱhoho	Saiṱori
1	Mvusuludzo: U ṱala na u livhanya	2
2	Mvusuludzo: U vhekanya nga mivhala na u tevhedzela phetheni	4
3	Mvusuludzo: Mivhala na phetheni	6
4	Mvusuludzo: U vhekanya na u tevhedzela zwivhumbeo	8
5	Mvusuludzo: Wanani ni vhale	10
6	Mvusuludzo: Vhuimo	12
7	Mvusuludzo: Tshifhinga	14
8	Mvusuludzo: Zwivhumbeo, saizi na mivhala	16
9	Thihi	18
10	Mbili	20
11	Raru	22
12a	Vhulapfu (vhunavha) na vhuimo	24
12b	Vhulapfu/vhunavha	26
13	Vhambedzani nomboro dza 1-3	28
14	Ina	30
15	Ṱanganyani na u ṱusa u swika kha 4	32
16	Tshifhinga	34
17	Ṱhanu	36
18	Vusuludzani nomboro 1 u swika kha 5	38
19	Ṱanganyani u swika kha 5	40
20	Ṱusani kha 5 ni ṱanganye u swika kha 5	42
21	Ṱanganyani na u ṱusa u swika kha 5	44
22	Muṱanganyo na muṱuso 1 u swika kha 5	46
23	Bola na zwibogisi	48
24a	Tsha monde na tsha u ḽa	50
24b	Ndila	52
25	U fhaṱa na u paḓula nomboro	54
26	Nyingakavhili dza muṱanganyo	56
27	Zwihulwame na zwiṱuku	58
28	Vhekanyani zwithu	60
29	Kha ri kovhekane zwi tshi lingana	62
30	U kovhana zwi tshi lingana	64
31	U fhaṱa zwithu	66
32	U bula tshifhinga	68
33	Rathi	70
34	Sumbe	72
35	Malo	74
36	Ṱahe	76
37	Zwo ḓala kana a hu na tshithu	78
38	Fumi	80
39	Nomboro 1 u swika kha 10	82
40	Khaphasithi na voḽumu	84
41	Nomboro 1 u swika kha 10	86
42	Zwi no paḓa, zwi no lingana na zwiṱuku	88
43	U tanganya malegere	90
44	U kuvhanganya na u vhekanya	92
45	U ṱanganya u swika kha 10: u vhala ri tshi ya phanḓa	94
46	Muṱanganyo: u fhaṱa na u paḓukanya u swika kha 10	96
47	U inga kavhili na u hafula	98
48a	Zwivhumbeo	100
48b	Zwivhumbeo zwiṅwe hafhu zwa 2-D	102
49	Zwigwada zwa 2 u swika kha 10	104
50	Ndovhololo ya muṱanganyo wa mbili u swika kha 10	106
51	Phetheni dza 2 u swika kha 20	108
52	Zwigwada zwa raru u swika kha zwa fumi	110
53	Ndovhololo ya muṱanganyo wa tharu u swika kha fumi	112
54	Zwigwada zwa nna u swika kha fumi	114
55	Ndovhololo ya muṱangayo wa zwiṋa u swika kha zwa fumi	116
56	Zwigwada zwa zwiṱanu u swika kha zwa fumi	118
57	Ndovhololo ya muṱangayo wa ṱhanu u swika kha 10	120
58	Phetheni ṱhanu u swika kha fumbili	122
59	Phetheni dza mahumi	124
60a	Nomboro na tshelede	126
60b	Nomboro na tshelede (Zwi iswa phanḓa)	128
61	Tshelede na tshintshi	130
62	Tshelede na tshintshi hafhu	132
63	Zwivhumbeo, nzulele na kuimele	134
64a	Phetheni dzi re na zwivhumbeo zwa dzhometiri	136
64b	Zwivhumbeo zwa 2-D na zwithu zwa 3-D	138





Vho Angie Motshekga
Minista wa Muhasho wa Pfunzo ya Muteo



Vho Dr Reginah Mhaule
Muthusaminista wa Pfunzo ya Muteo

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

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

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

Ri na fulufhelo 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 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.

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

© Department of Basic Education

Eleventh edition 2021

ISBN 978-1-920458-91-1

This book may not be sold.

The Department of Basic Education has made every effort to trace copyright holders but if any have been inadvertently overlooked the Department will be pleased to make the necessary arrangements at the first opportunity.

Gireidi ya 1

Rainbow WORKBOOKS

Mbalo

NGA TSHIVENḒA



TSHIVENḒA

Bugu ya 1

Bugu iyi ndi ya:

20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

1



Mvusuludzo: U ṱala na u livhanya

Thusani musidzana uri a wane thoyi dzawe.

U THOMA

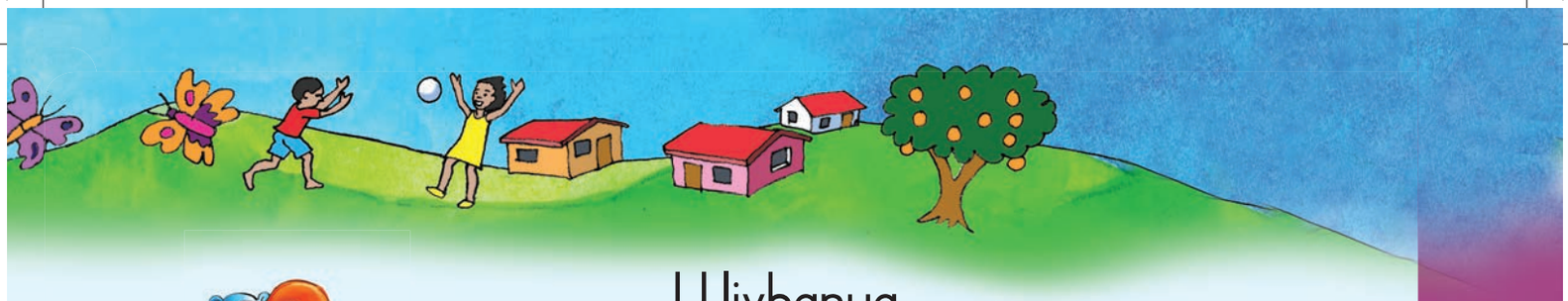






MUGUMO





U livhanya

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



Teacher:
Sign:

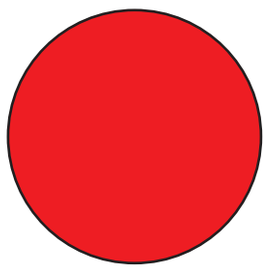
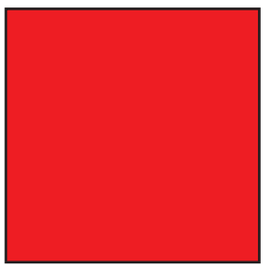
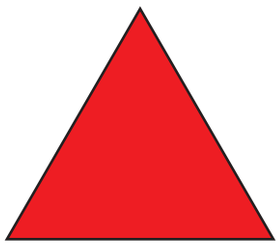
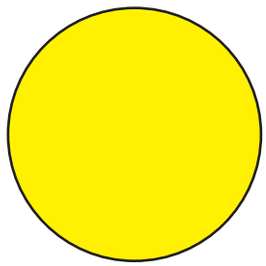
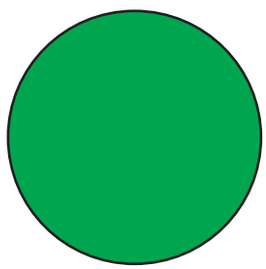
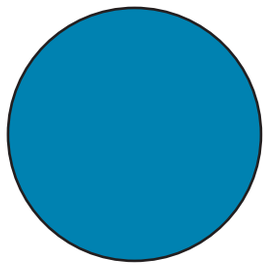
Date:

11 12 13 14 15 16 17 18 19 20

Mvusuludzo: U vhekanya nga mivhala na u tevhedzela phetheni



Vheyani zwivhumbeo izwi nga mivhala, zwibogisini.
Rou muduba 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.
Hu shumiswa zwigeriwa zwi re murahu ha bugu.

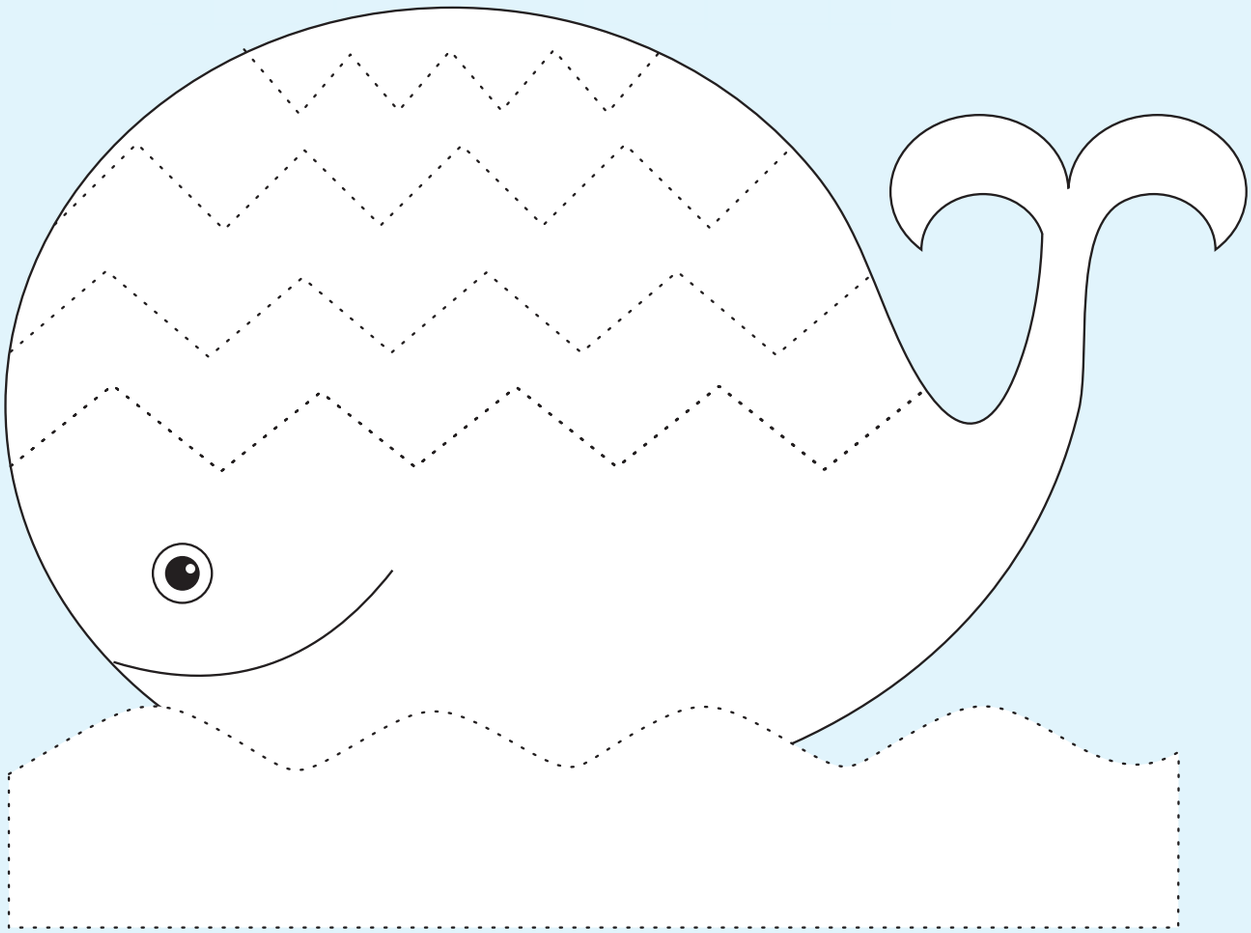
		
		
		
		

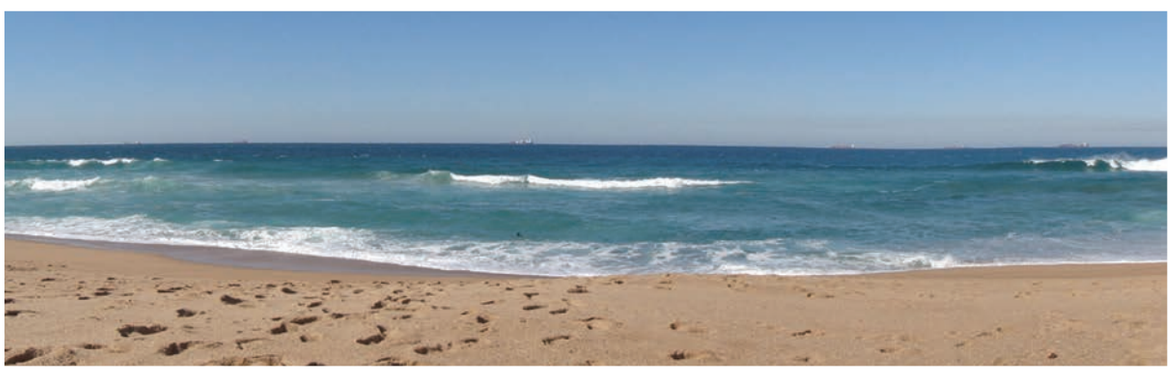


Bola na zwibogisi



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





Teacher:
Sign:

Date:

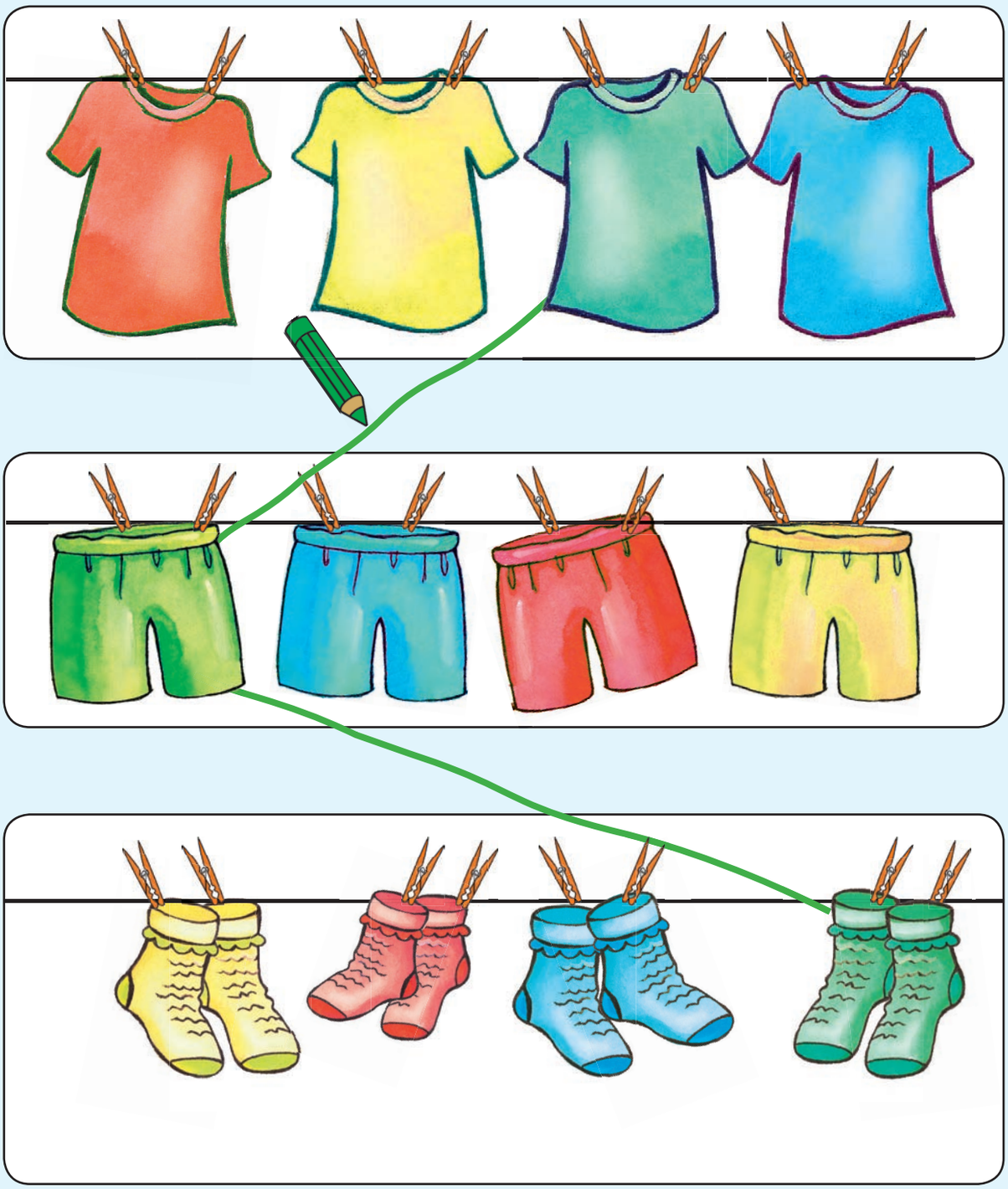
11 12 13 14 15 16 17 18 19 20

3



Mvusuludzo: Mivhala na phetheni

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



1 2 3 4 5 6 7 8 9 10





Thomani u tevhedzela phetheni ni tshi shumisa munwe ni kone u tevhedzela nga khirayoni kana penisela. Phetheni ya u thoma kha rou iṅwe na iṅwe i ḓo ni dededza tshifhinga tshoṱhe.









Teacher:
Sign:

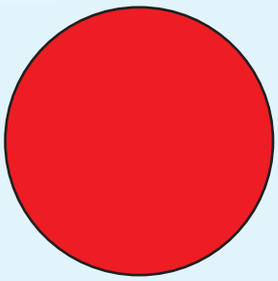
Date:

11 12 13 14 15 16 17 18 19 20

Mvusuludzo: U vhekanya na u tevhedzela zwivhumbeo

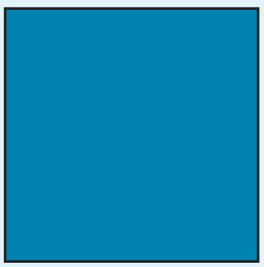


Wanani zwigeriwa zwa zwitendeledzi murahu ha bugu ni zwi dzhenise zwikhalani izwi.





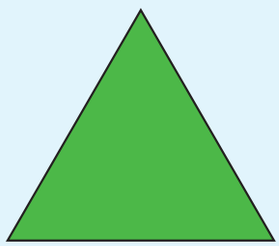
Wanani zwigeriwa zwa zwitendeledzi zwa u gera murahu ha bugu ni zwi dzhenise zwikhalani izwi.

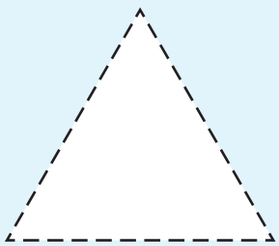


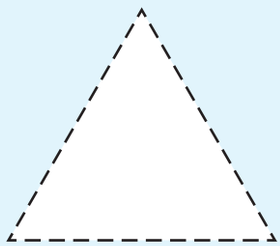


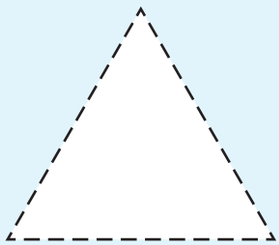


Wanani thiraiengele dza u gera murahu ha bugu ni dzi dzhenise zwikhalani izwi.











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

















Teacher:
Sign:

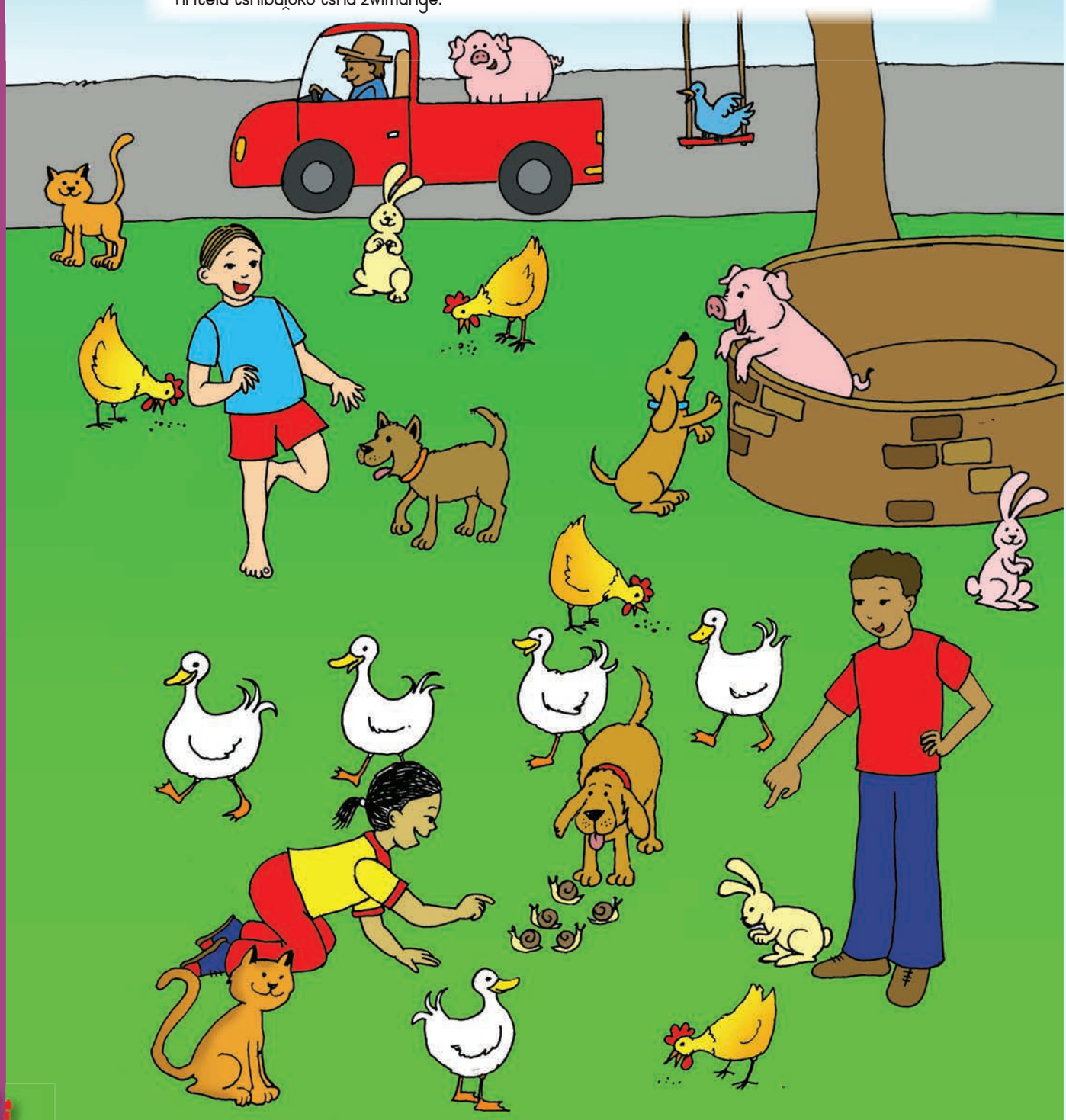
Date:



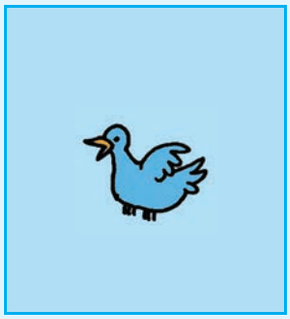
11 12 13 14 15 16 17 18 19 20

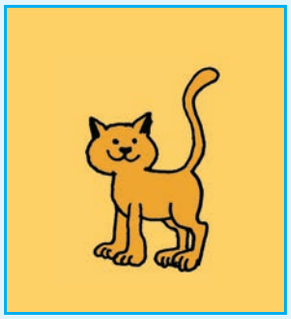
Mvusuludzo: Wanani ni vhale

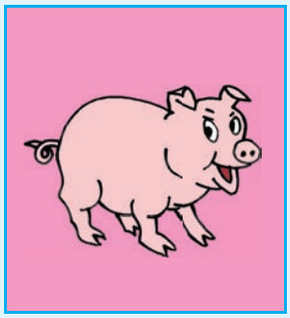
Lavhelesani zwifanyiso izwi zwa zwipuka.
Ni kone u vhala tshivhalo tsha lushaka luṅwe na luṅwe lwa zwipuka ni ole tshivhalo tsha zwithoma tshi no lingana na tsha zwipuka tshibuḽokoni tshone kha zwi re kha siaṱari ḽi tevhelaho. Ro dzula ro ni itela tshibuḽoko tsha zwimange.



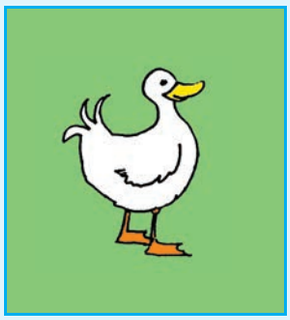


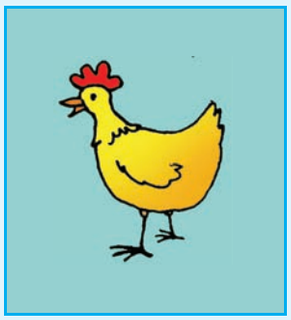




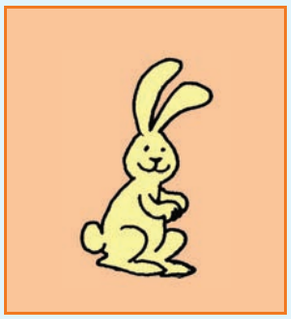












Teacher:
Sign:

Date:

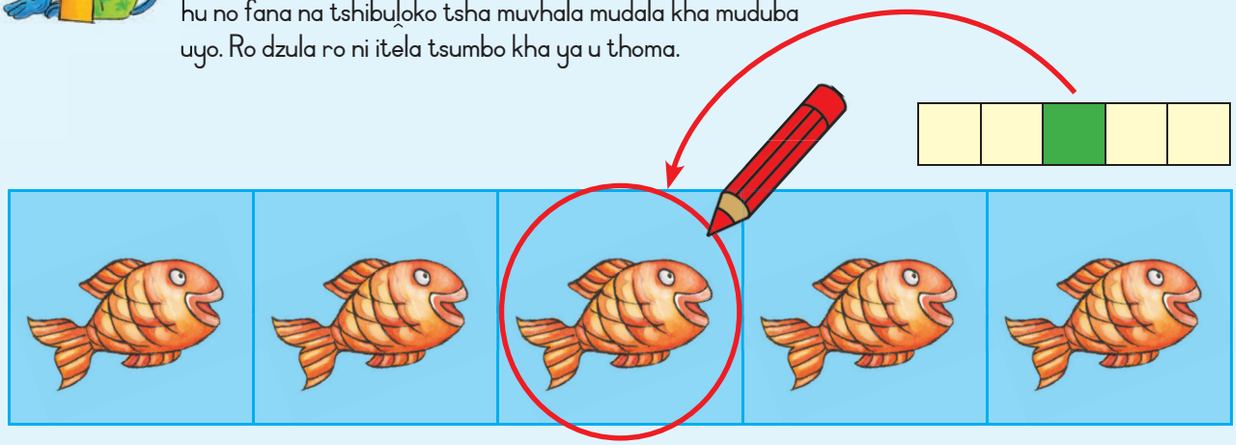
11 12 13 14 15 16 17 18 19 20

6



Mvusuludzo: Vhuimo

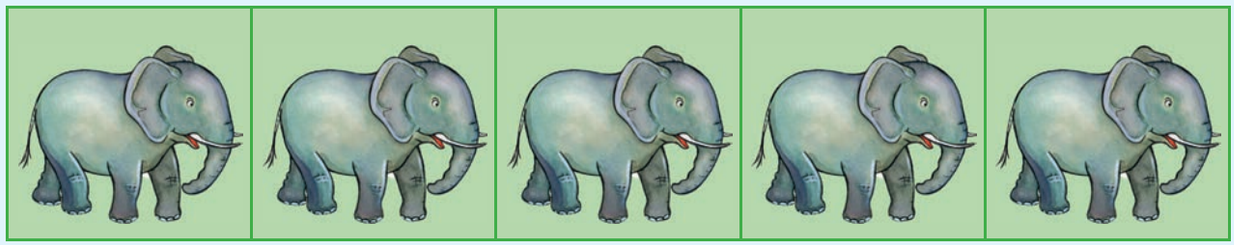
Tangedzelani tshipuka tshi re kha kha rou i re afho fhasi ni tshi sumbedza uri tshi kha vhuimo hu no fana na tshibuḽoko tsha muvhala mudala kha muduba uyo. Ro dzula ro ni itela tsumbo kha ya u thoma.



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

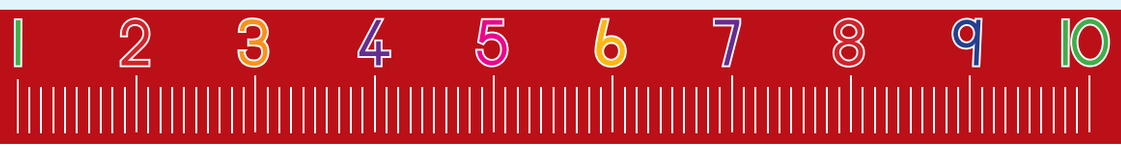


Tangedzelani tshipuka tshi re kha vhuimo uvhu kha rou i re afho fhasi.



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

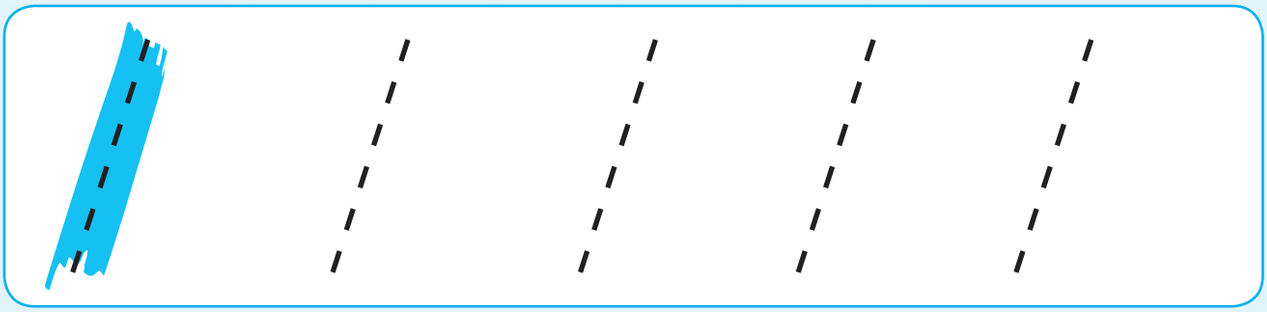


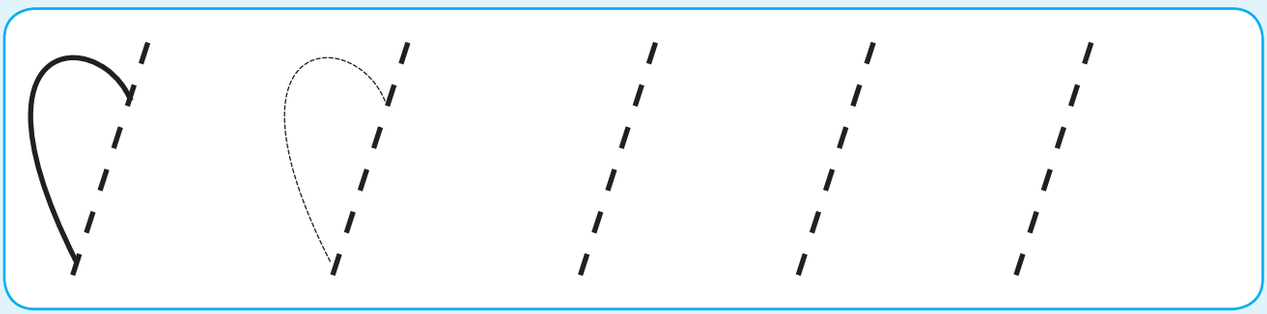


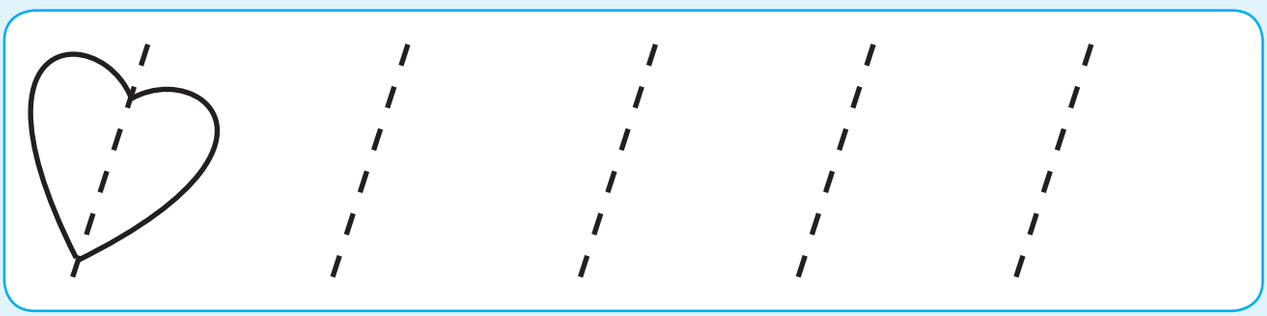


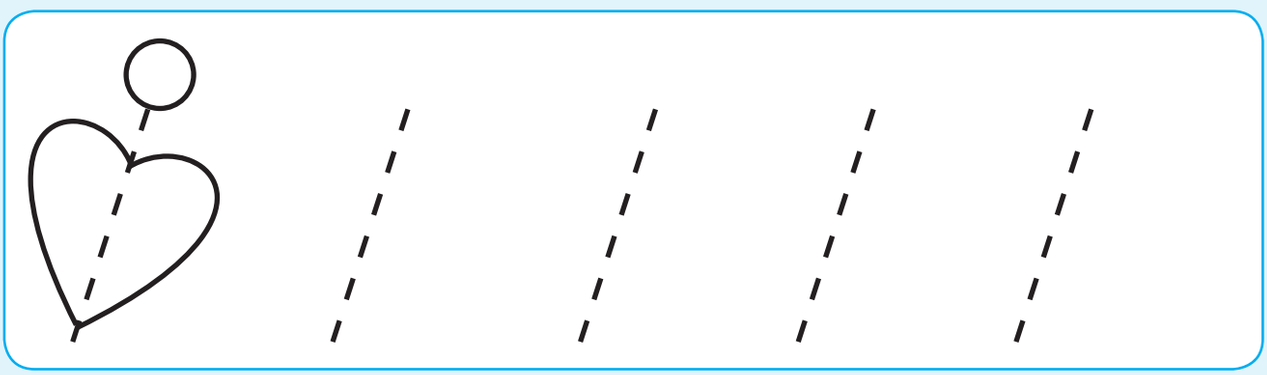


Thomani u tevhedzela phetheni ni tshi shumisa munwe ni kone u tevhedzela nga khirayoni kana penisela. Phetheni ya u thoma kha rou iṅwe na iṅwe i ḓo ni dededza tshifhinga tshoṱhe.









Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

7

Mvusuludzo: Tshifhinga

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



U ya tshikoloni nga milenzhe.



U ya tshikoloni nga goloi.



U ita sangwetshi.



U baka khekhe.



U ita mushumo wa tshikolo.



U tamba bola ya milenzhe.



U pennda nn̓du.



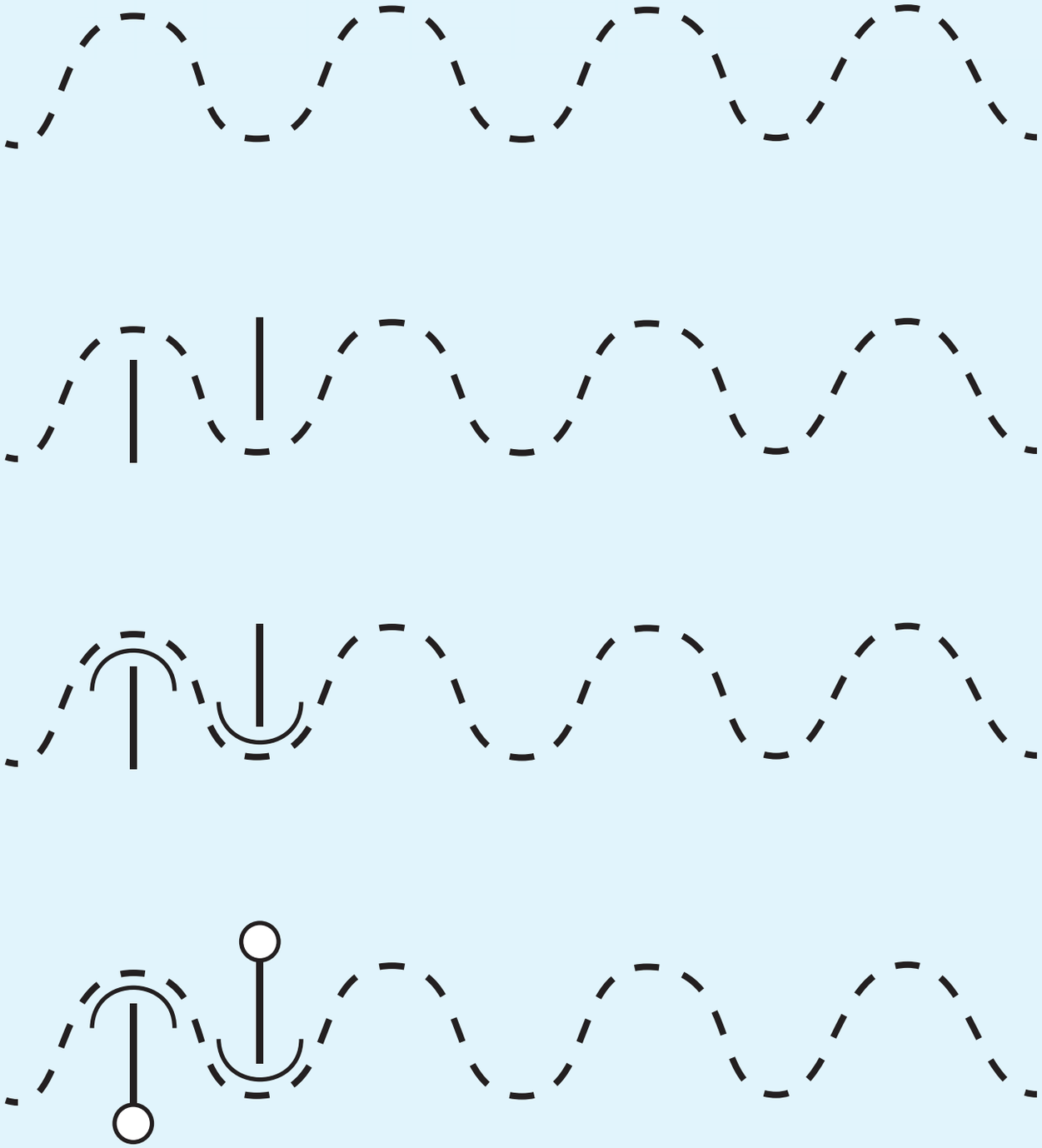
U ola tshifanyiso.

1 2 3 4 5 6 7 8 9 10





Thomani u tevhedzela phetheni ni tshi shumisa munwe ni kone u tevhedzela nga khirayoni kana penisela. Phetheni ya u thoma kha rou iṅwe na iṅwe i ḓo ni dededza tshifhinga tshoṱhe.



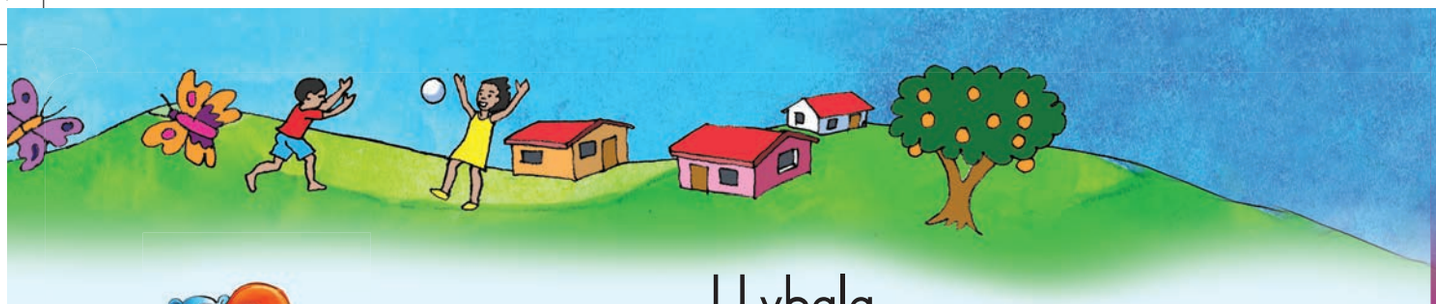
Teacher:
Sign:

Date:

Mvusuludzo: Zwivhumbeo, saizi na mivhala

Tangedzelani tshi re tshihulwanesa tshifanyisoni tshiṅwe na tshiṅwe.





U vhala

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









Teacher:
Sign:

Date:

9

Thihi

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

ṋotshi nthihi

musidzana muthihi

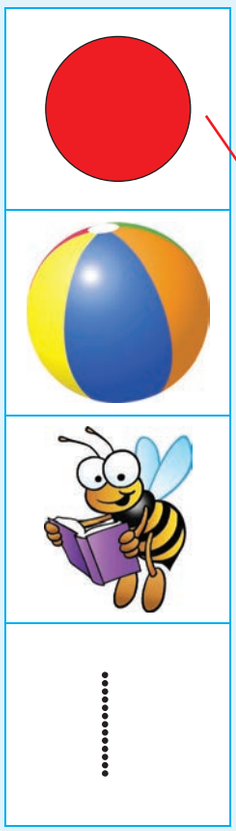
ranndavhula nthihi

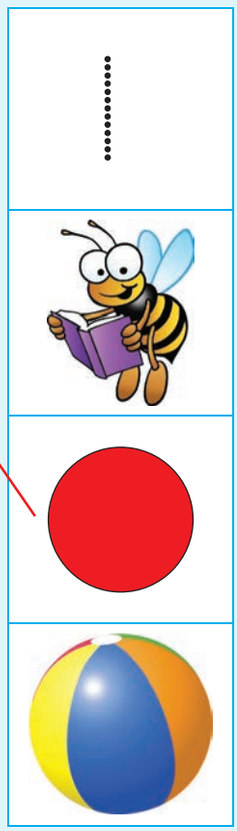
bola nthihi



Tevhedzelani nomboro.

Livhanyani zwifanyiso.

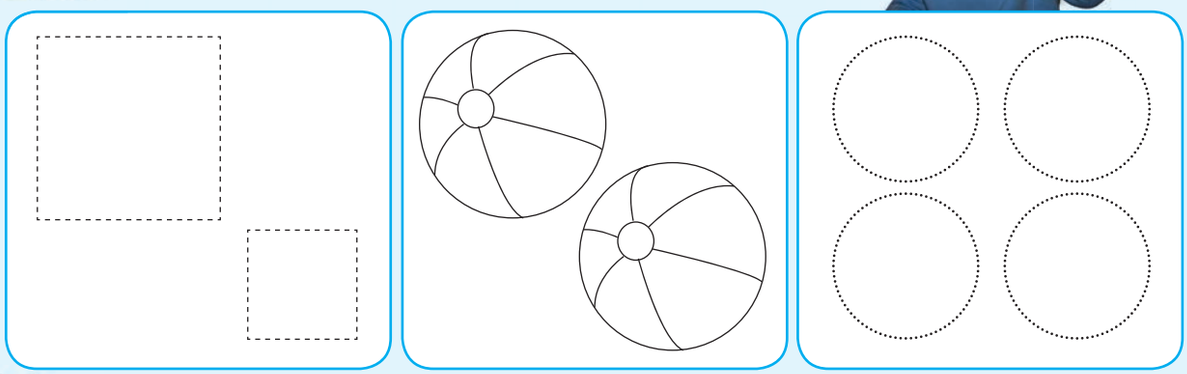




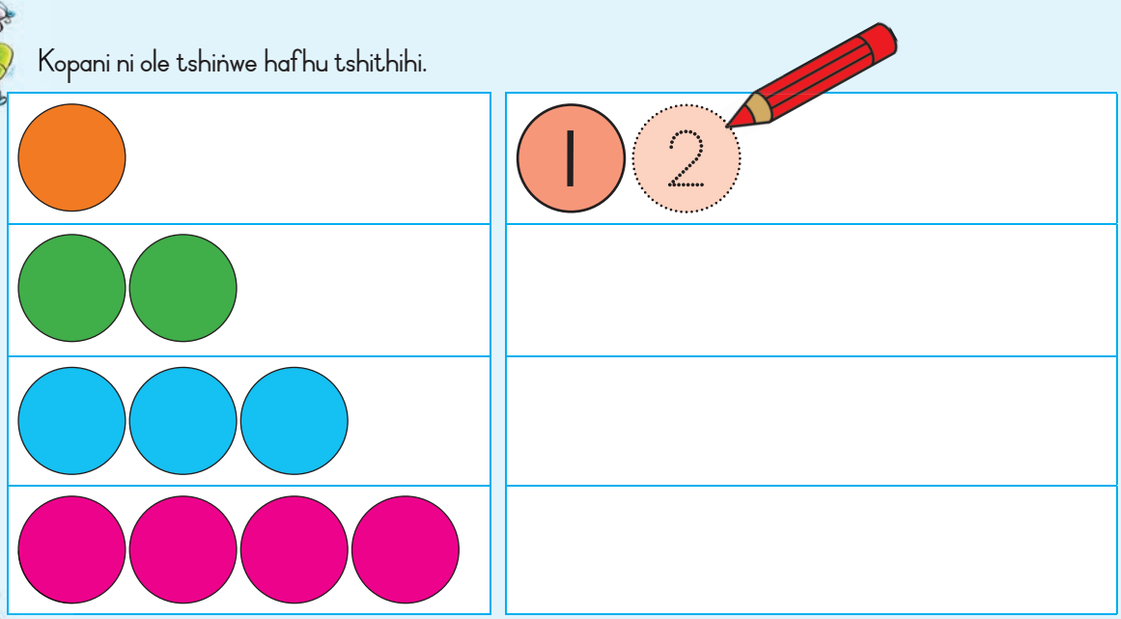




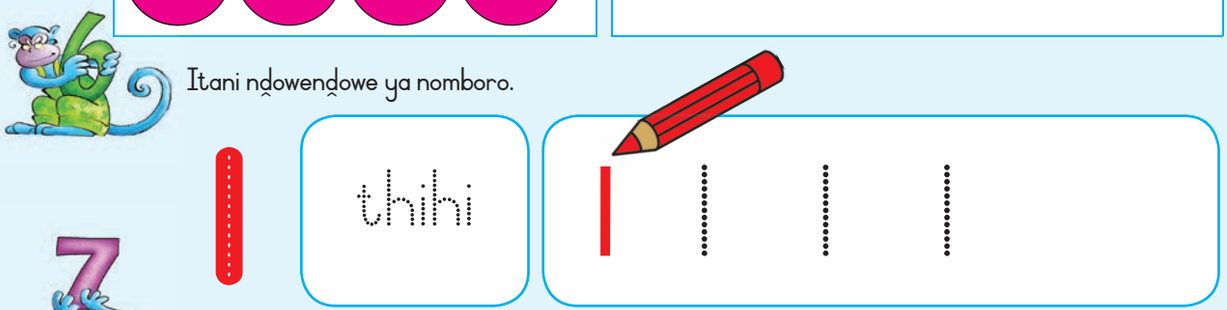
Khaḽarani tshithihi kha tshibuḽoko tshiṅwe na tshiṅwe.



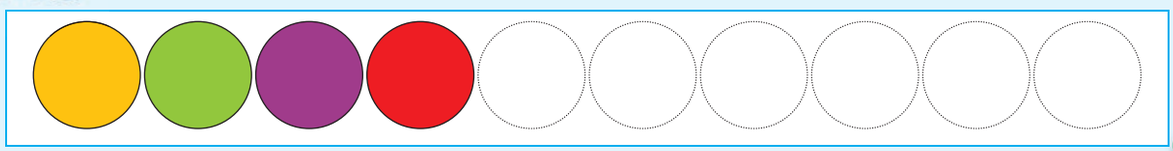
Kopani ni ole tshiṅwe haf hu tshithihi.



Itani ndowendowe ya nomboro.



Khaḽarani zwitendeledzi ni tshi khou ralo u vhala.



Teacher:
Sign:
Date:

Mbili

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

miri mivhili

vhatukana vhavhili

khaithi mbili

mmbwa mbili

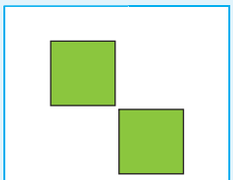


2

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





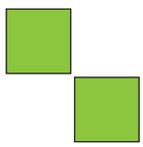


2

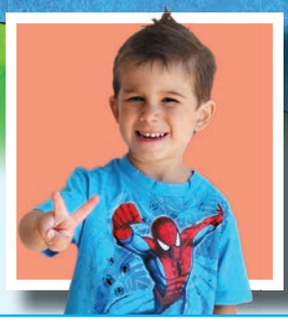
2



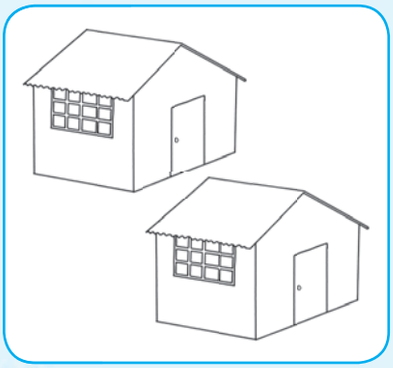




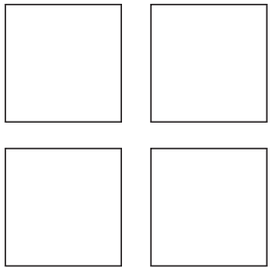




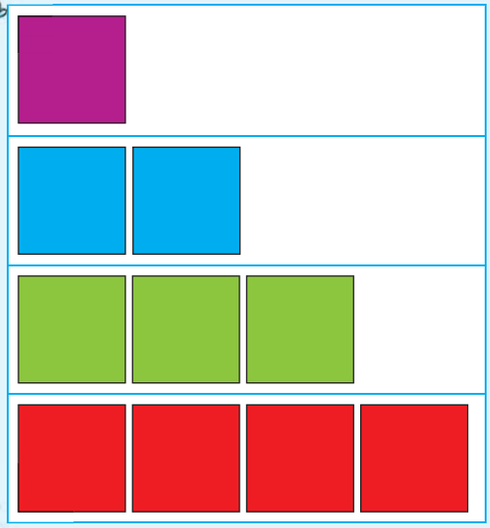
Khaḽarani zwivhili kha tshibuḽoko tshiṅwe na tshiṅwe.

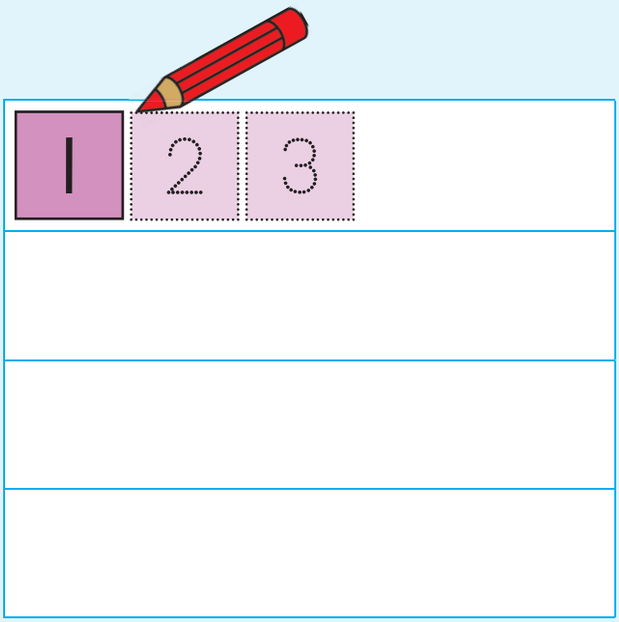






Kopani ni ole zwiṅwe hafhu zwa zwivhili.





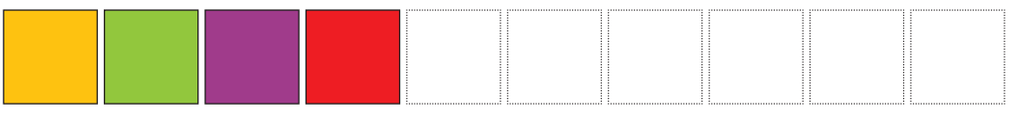
Itani ndowendowe ya nomboro.

2

mbili

2 2 2 2

Khaḽarani zwikwea ni tshi khou ralo u vhala.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

11

Raru



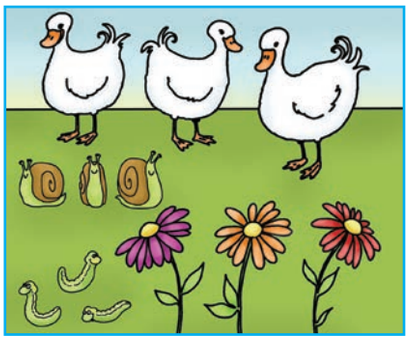
Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ḽa mbalo.

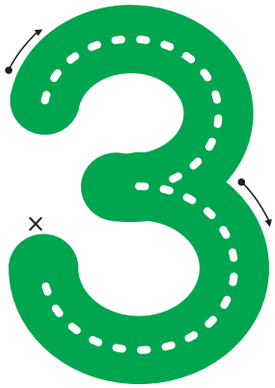
masekwa mararu

khumba tharu

maluvha mararu

mbungu tharu





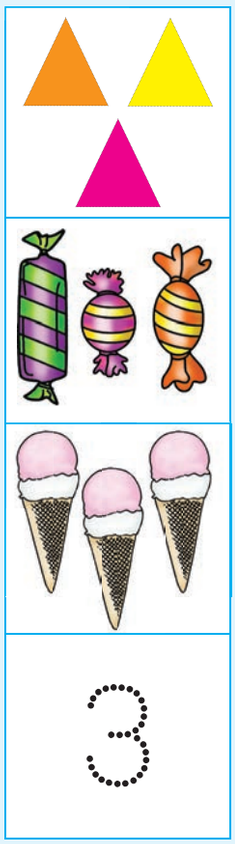


Tevhedzelani nomboro.

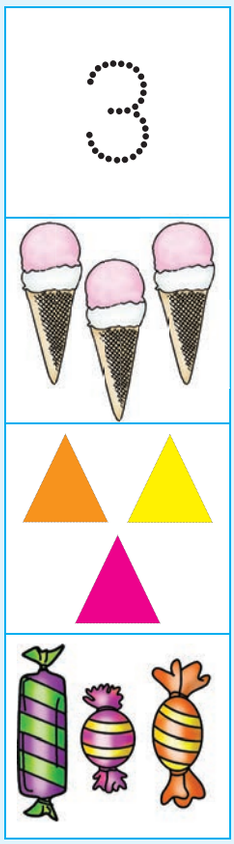


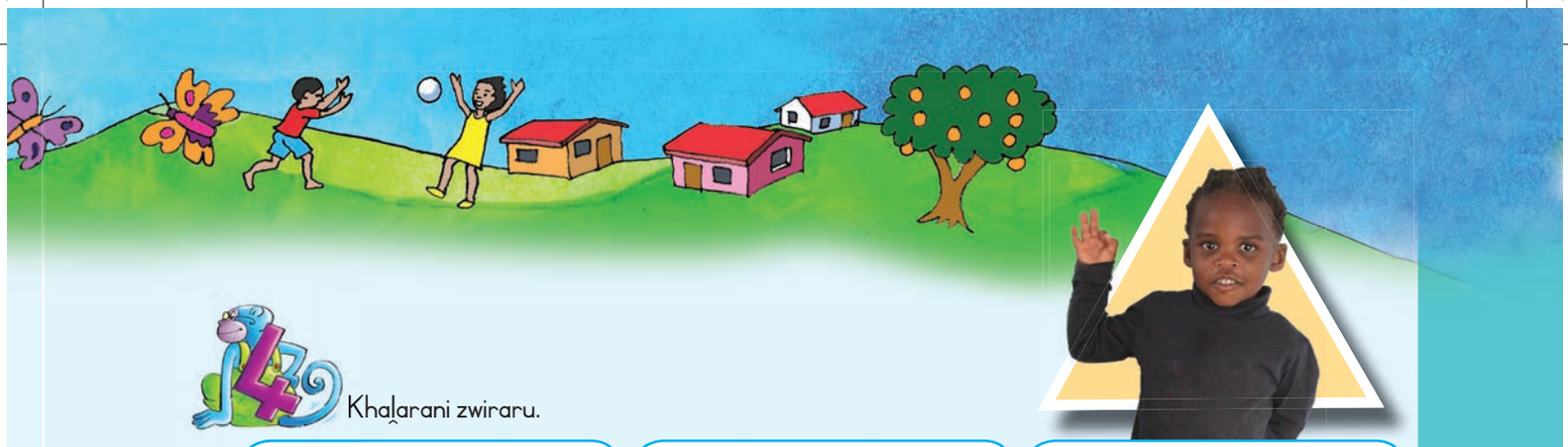
Livhanyani zwifanyiso.

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



3

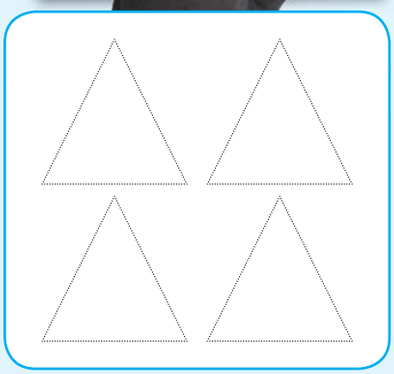




Khaḽarani zwiraru.

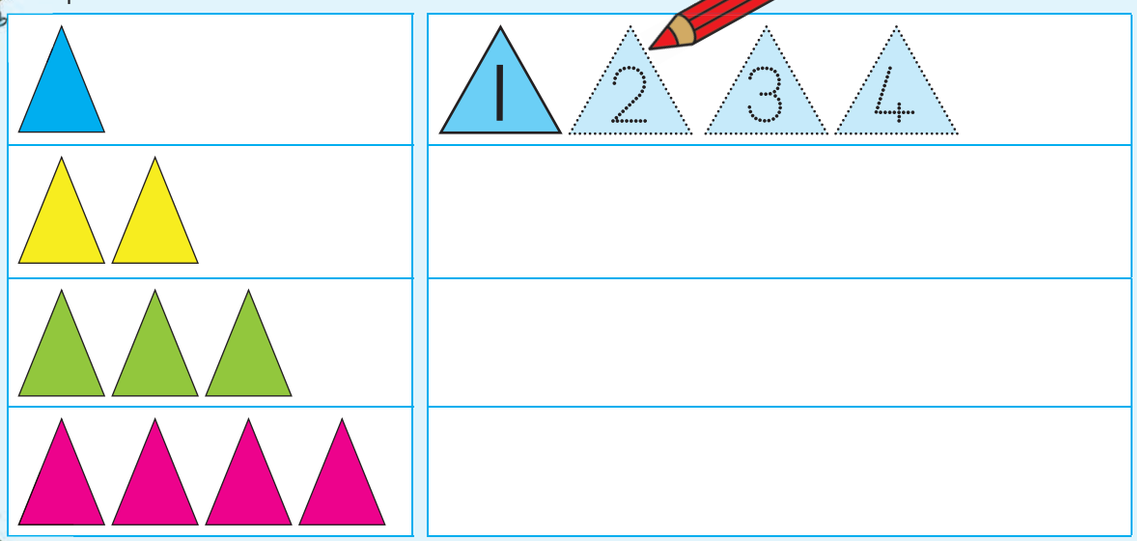






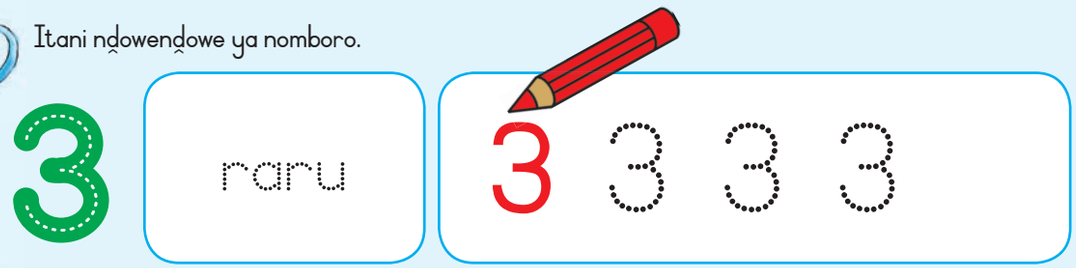


Kopani ni ole zwiṅwe haf hu zwa zwiraru.



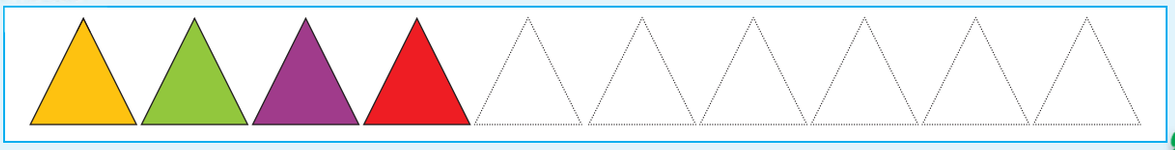


Itani ndowendowe ya nomboro.





Khaḽarani thiraiengele ni tshi khou ralo u vhala.





Teacher:
Sign:
Date:



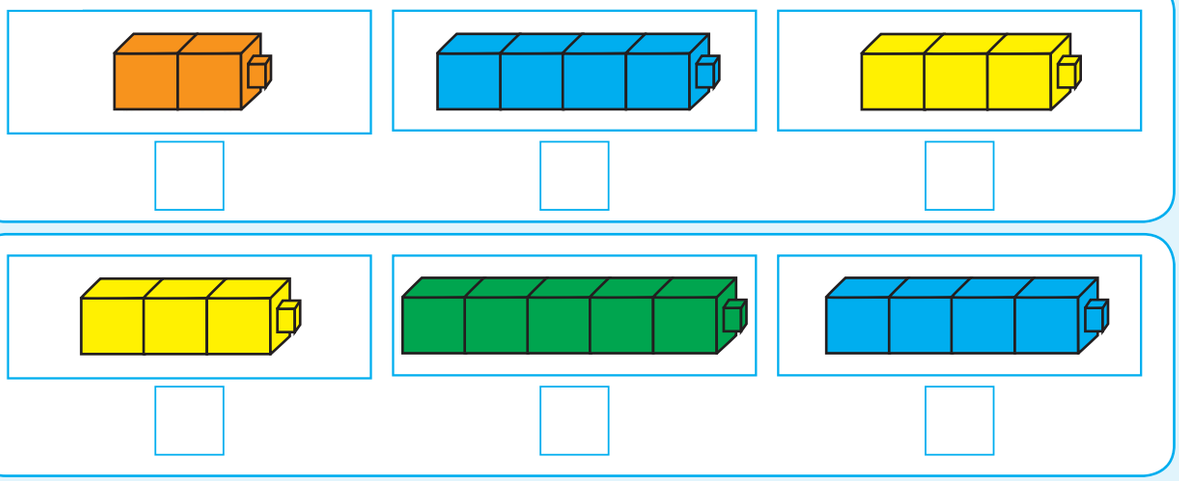
11 12 13 14 15 16 17 18 19 20

12a

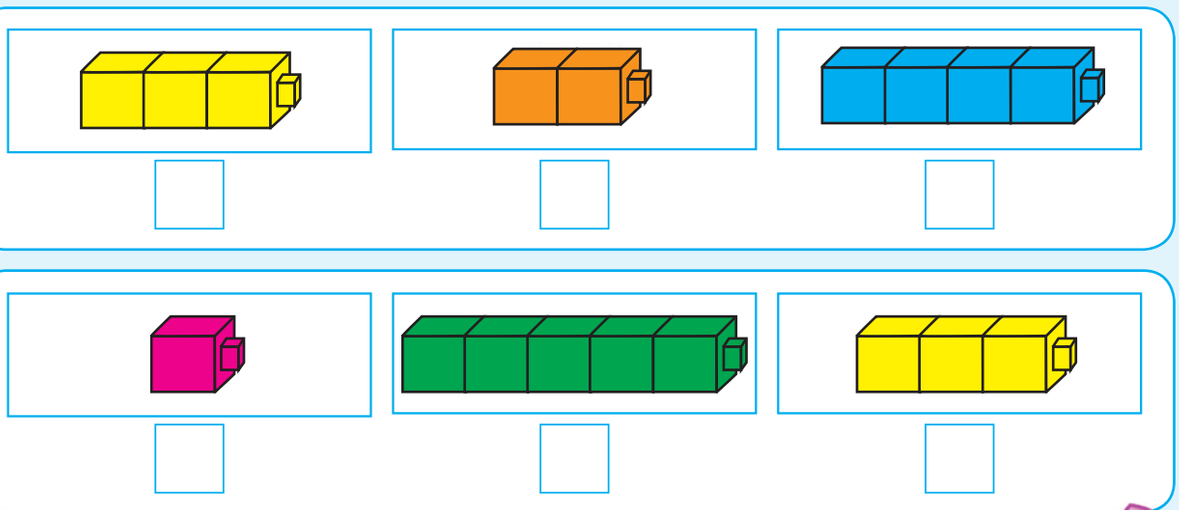
Vhulapfu (vhunavha) na vhuimo

1

Itani thiki (✓) kha tshidimela tshipfufhisa.

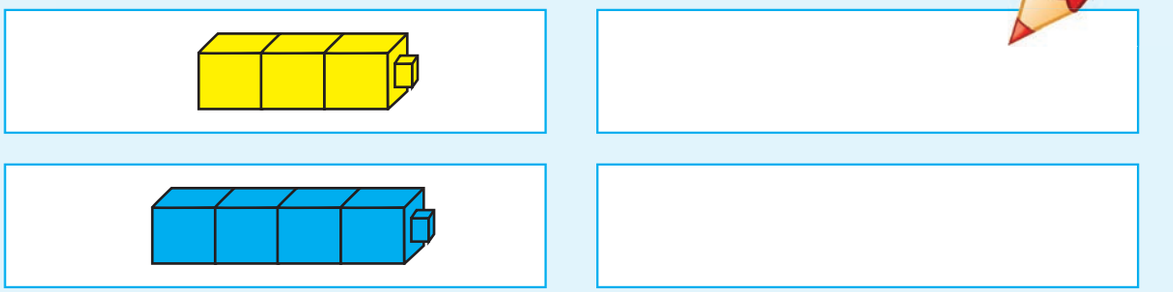


Itani thiki (✓) kha tshidimela tshilapfu.



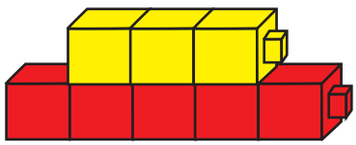
2

Olani tshidimela tshilapfusa.

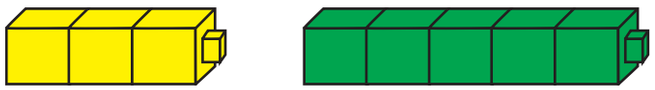




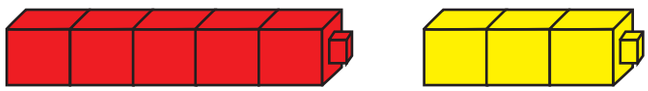
Khaḽarani ipfi ḽone. Tshidimela tshipfufhi tshi:



phanḓa ha	nṱha ha	murahu ha



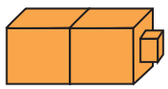
phanḓa ha	nṱha ha	murahu ha



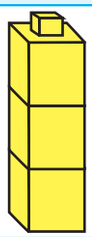
phanḓa ha	nṱha ha	murahu ha

Olani tshidimela tshilapfu.

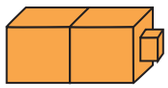
nṱha ha



tsini na



phanḓa ha



Teacher:
Sign:

Date:

12b

Vhulapfu/vhunavha

Tangedzelani tshilapfu.

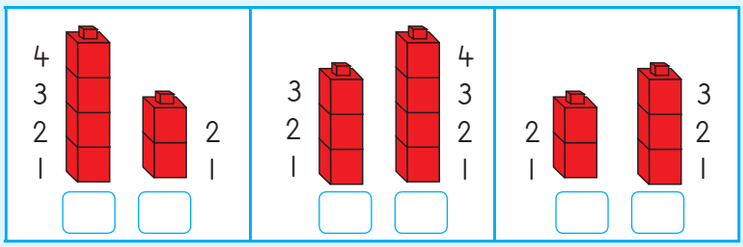


tshipfufhi	tshilapfu

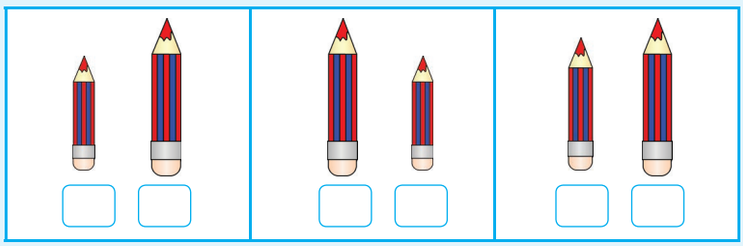


Itani thiki kha phindulo yone.

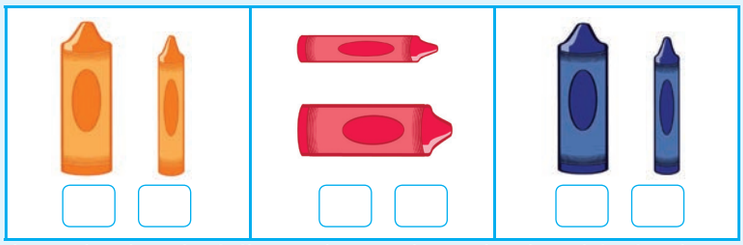
Itani thiki kha tshilapfusa.



Itani thiki kha penisela i re pfufhisa.



Itani thiki kha khirayoni yo ṱanḓavhuwesaho.



Olani: tshifhaṱo tshithihi tshine tsha vha tshipfufhi na tshiṅwe tshine tsha vha tshilapfu tshi nga fhasi hatsho.



Olani mulambo wo aṱamaho na muṅwe musekene kha uyo u re tshifanyisoni.

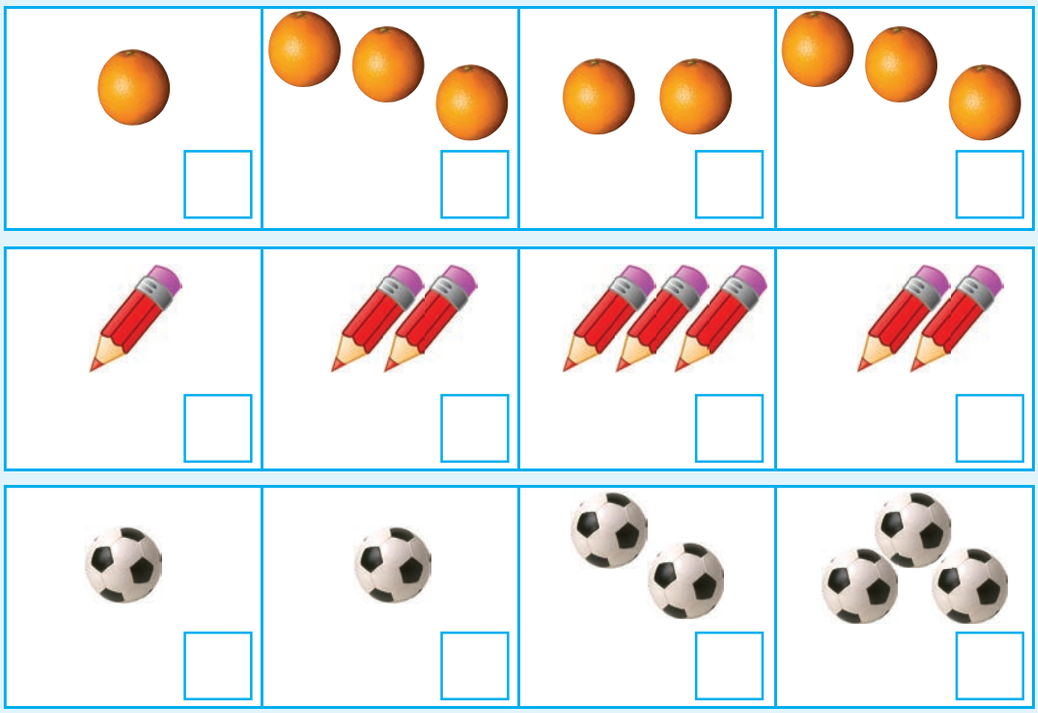


Teacher:
Sign:
Date:

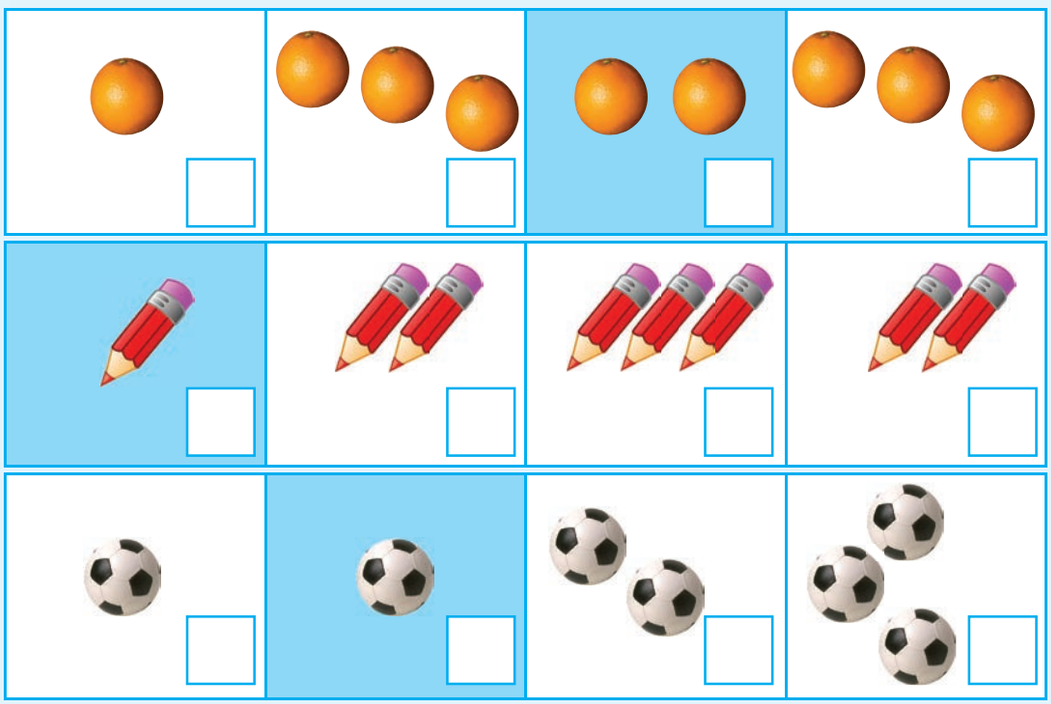
13

Vhambedzani nomboro dza 1-3

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



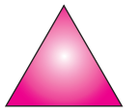
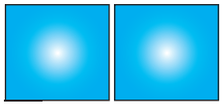
Itani thikhi kha tshibuḽoko/zwibuḽoko tshine/zwine zwa vha na zwithu zwinzhi u fhira tshibuḽoko tsho swifhadzwaho.



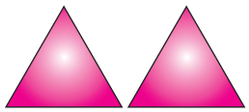
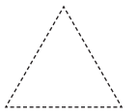
1 2 3 4 5 6 7 8 9 10



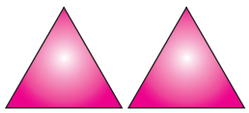
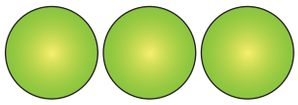
Kopani na u ola tshiṅwe tshivhumbeo tshithihi hafhu kha khoḽomo ya tsha u ḽa.

Olani zwivhumbeo ho ṱahela tshithihi kha khoḽomo ya tsha u ḽa.

Olani zwivhumbeo ho ṱahela tshithihi kha khoḽomo ya tsha u ḽa.

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

1	2	3

Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

14

Iṋa



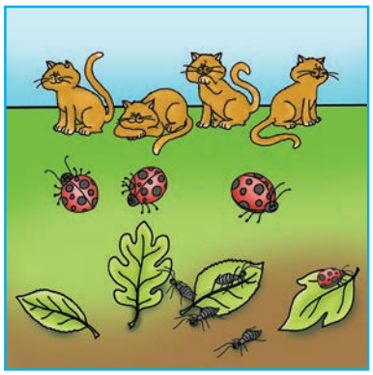
Vhalani zwithu zwi re tshifanyisoni itshi. Tevhedzelani dzina ḽa mbalo.

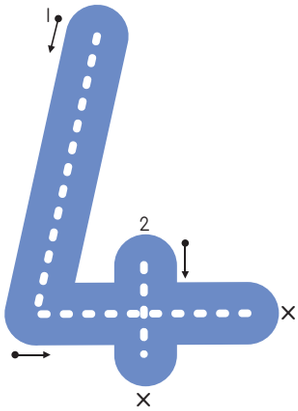
zwimange zwiṋa

vhusunzi vhuṋa

maṱari maṋa

zwikhokhonono zwiṋa



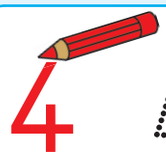


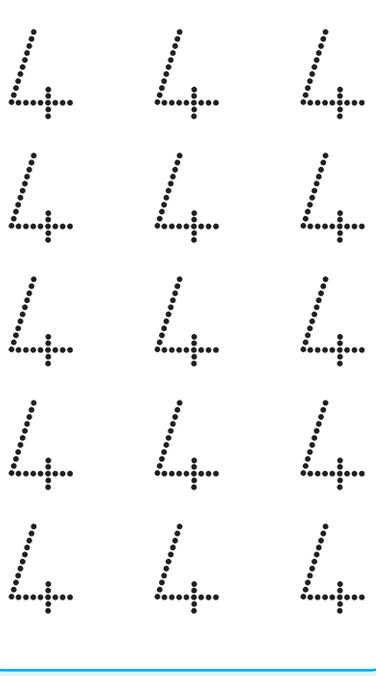


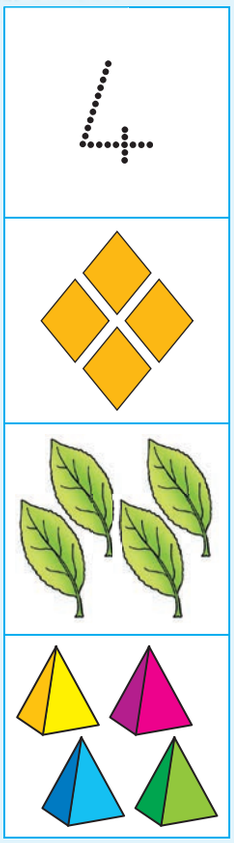
Tevhedzelani nomboro.

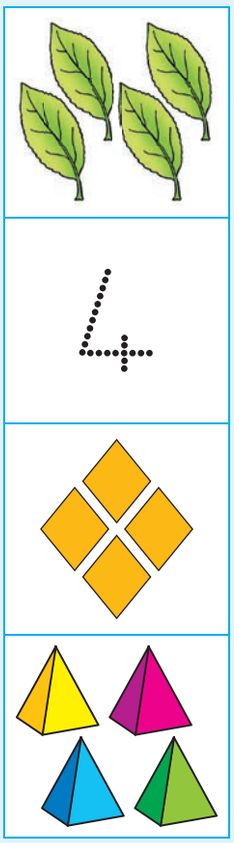


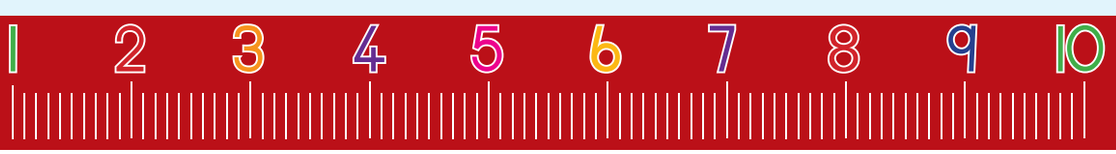
Livhanyani zwifanyiso.





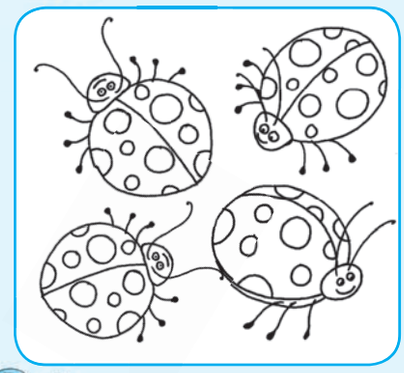




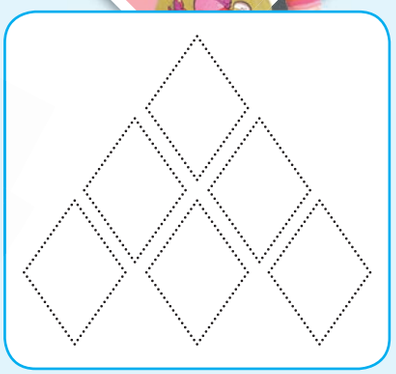




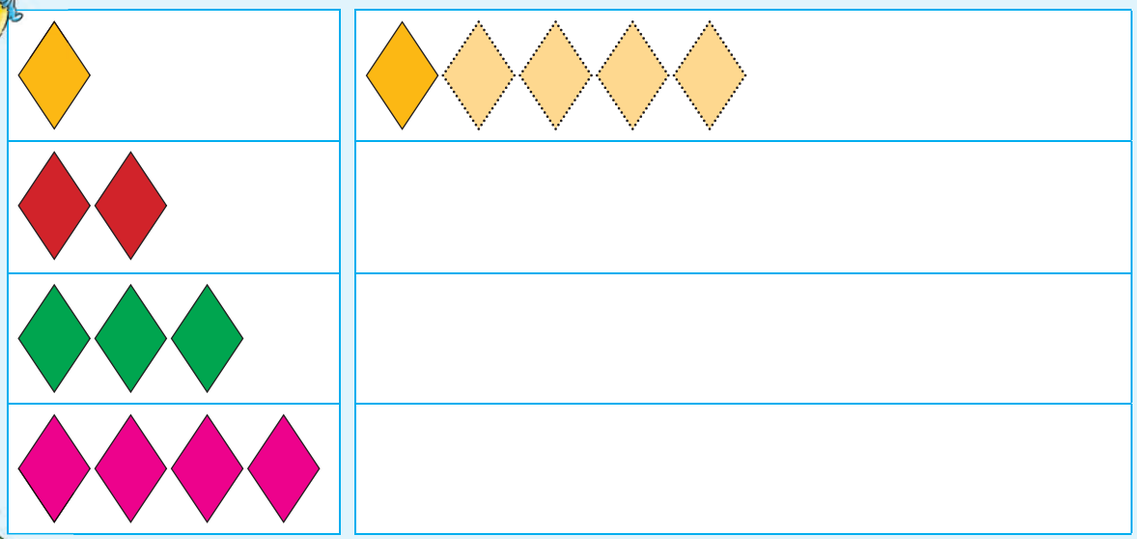
Khaḽarani zwithu zwiṇa kha tshibuḽoko tshiṅwe na tshiṅwe.







Kopani na u ola zwivhumbeo zwiṅwe zwiṇa hafhu ni zwi khaḽare.

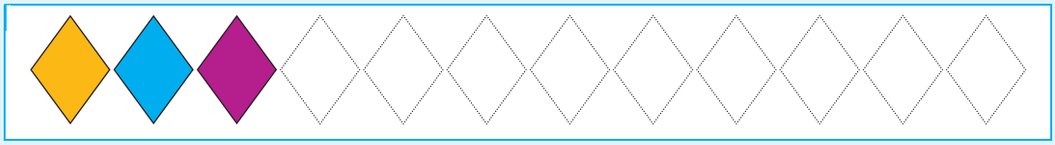


Itani ndowendowe ya nomboro.

ina

4 4 4 4

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



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

15

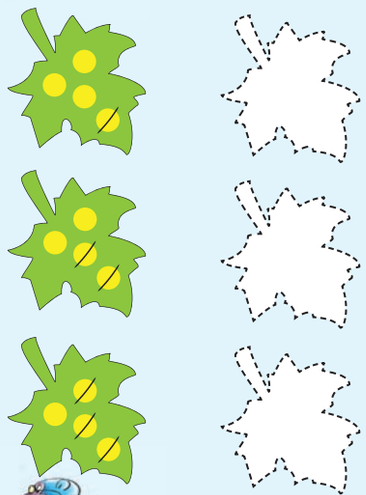
Ṱanganyani na u ṱusa u swika kha 4

Fhedzisani zwi tevhelaho nga u ita nyolo:

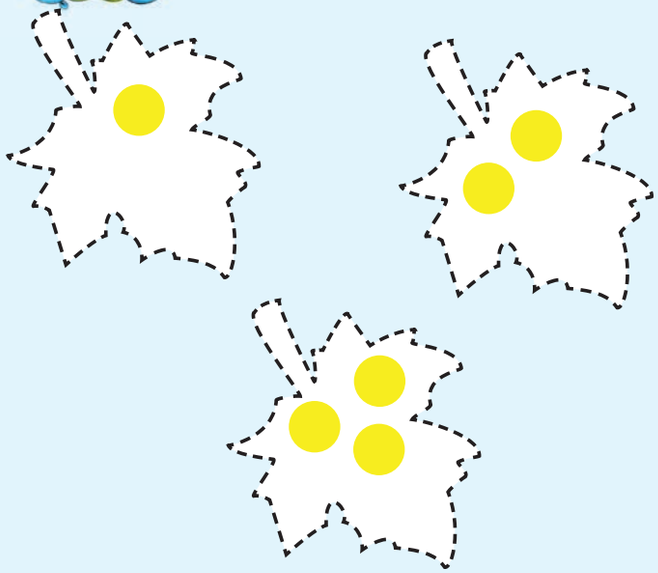
●	na	● ● ●	zwi ita		
● ●	na	● ●	zwi ita		
● ●	na	●	zwi ita		

● ●	na		zwi ita	● ● ● ●	
●	na		zwi ita	● ● ● ●	
● ●	na		zwi ita	● ● ● ●	

Ho sala zwivhaleli zwingana? Zwi oleni.



Olani zwivhaleli zwiṅwe hafhu uri zwi vhe 4.



Ṅwalani fhungombalo ḽa:

● ● ● ○	4	ra bvisa		i ita	3	
● ● ○ ○		ra bvisa		i ita		
● ○ ○ ○		ra bvisa		i ita		

1 2 3 4 5 6 7 8 9 10



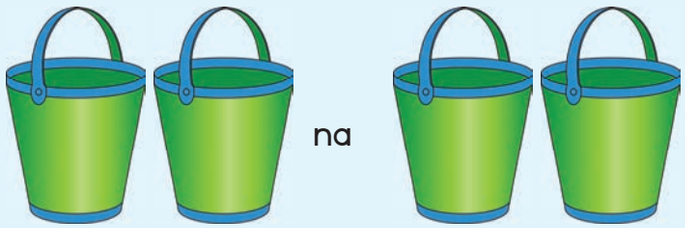
Ţanganyani hezwi ni ṅwale phindulo.



na

1 na 2 dzi ita

3



na

2 na 2 dzi ita



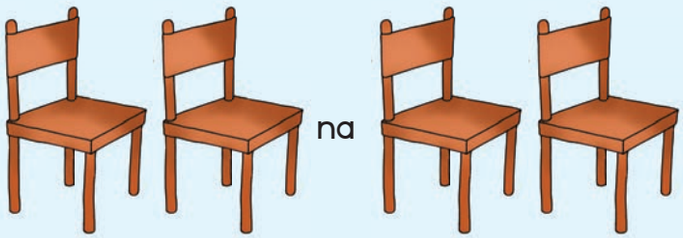
na

3 na 1 dzi ita



na

1 na 3 dzi ita



na

2 na 2 dzi ita

Teacher:
Sign:

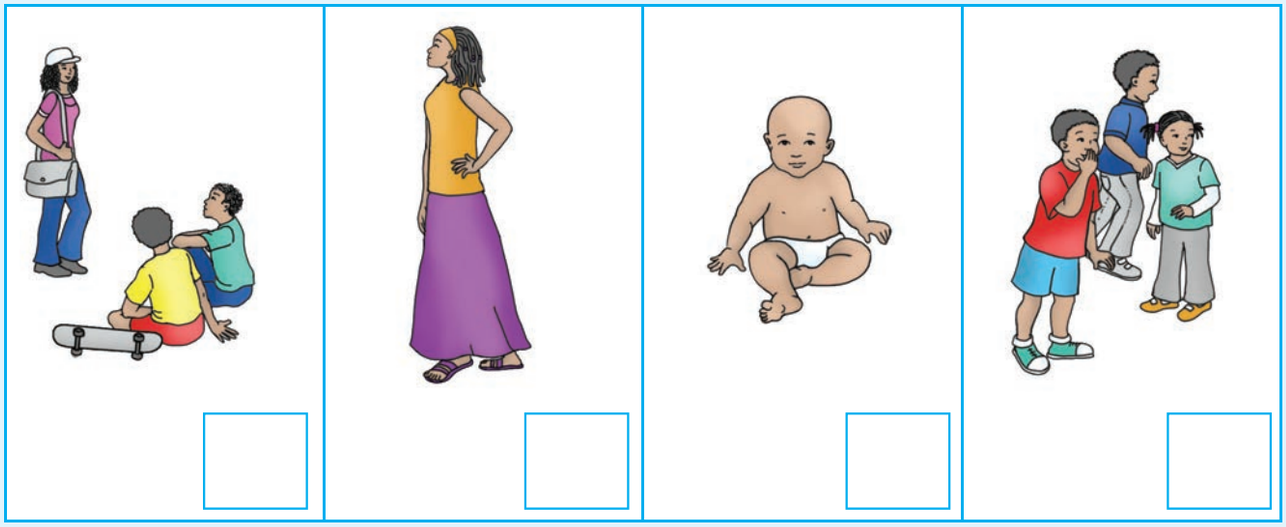
Date:

11 12 13 14 15 16 17 18 19 20

Tshifhinga

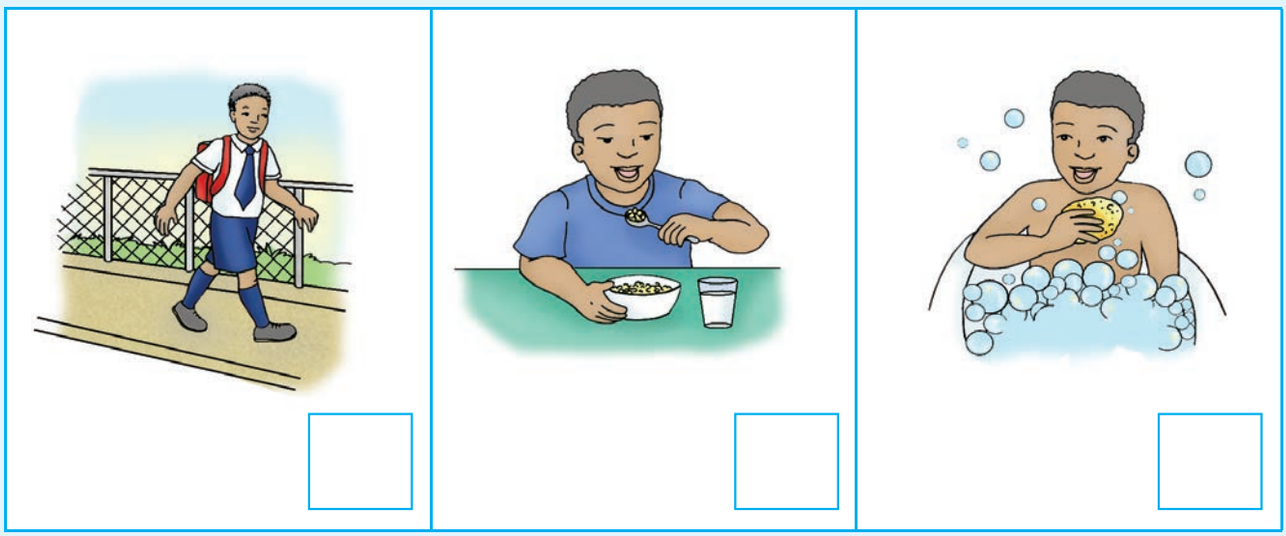


Ṅwalani nomboro I u swika kha 4 zwibuḽokoni u iteala u sumbedza kutevhekanele kwa u aluwa ha muthu.





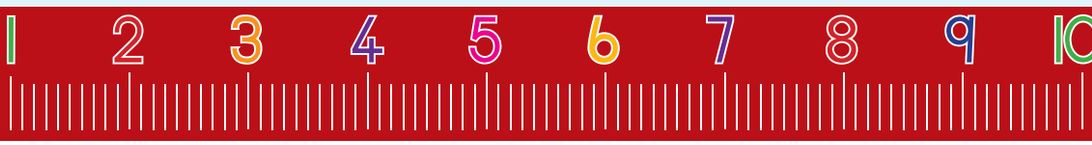
Itani thiki ni tshi amba uri ndi tshifhio tshine na nga tshi ita nga u ṱavhanya.





1 2 3 4 1 2 3 4







Olani tshiṅwe tshithu:

a. tshe na tshi ita mulovha



b. tshe na tshi ita n̰amusi



c. tshine na d̰o tshi ita matshelo



Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20



Ṱhanu



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

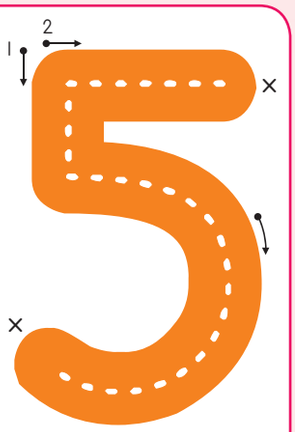
thedibee ṱhanu

maḽegere maṱanu

ṋaledzi ṱhanu

zwiṱirepe zwiṱanu



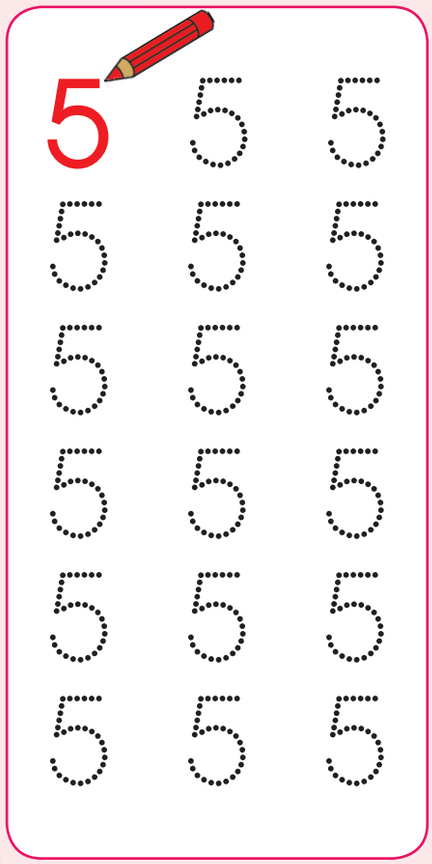




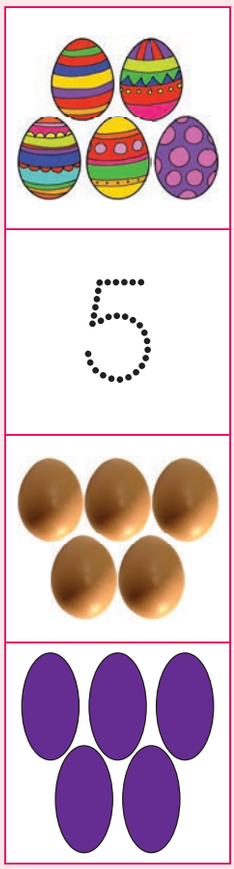
Tevhedzelani nomboro.

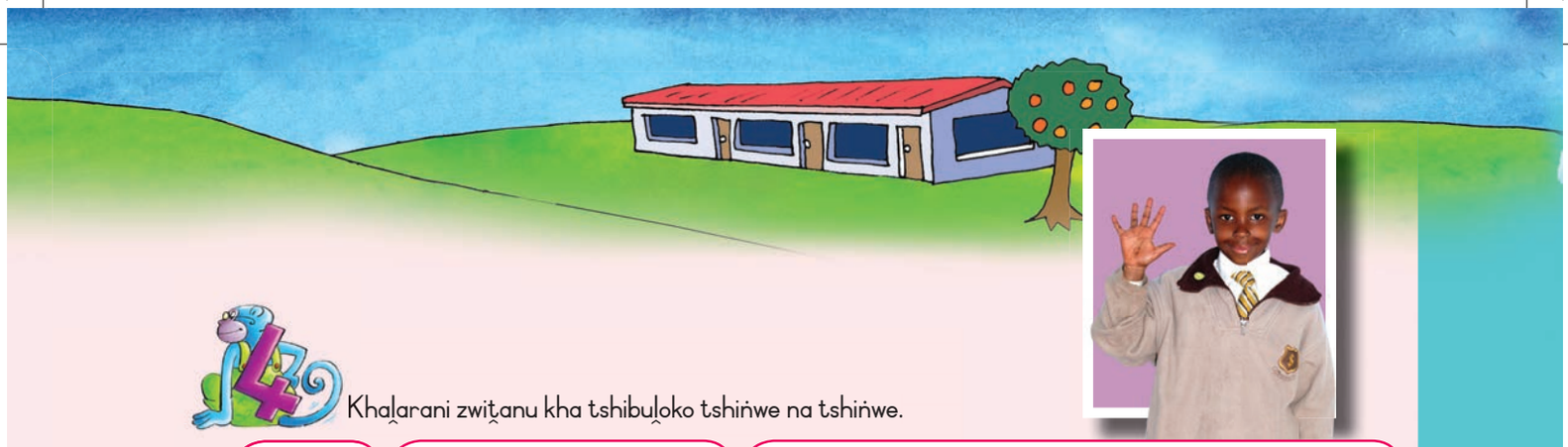


Livhanyani zwifanyiso.

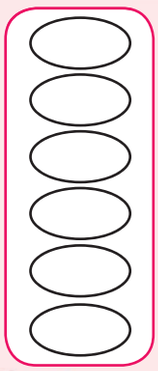








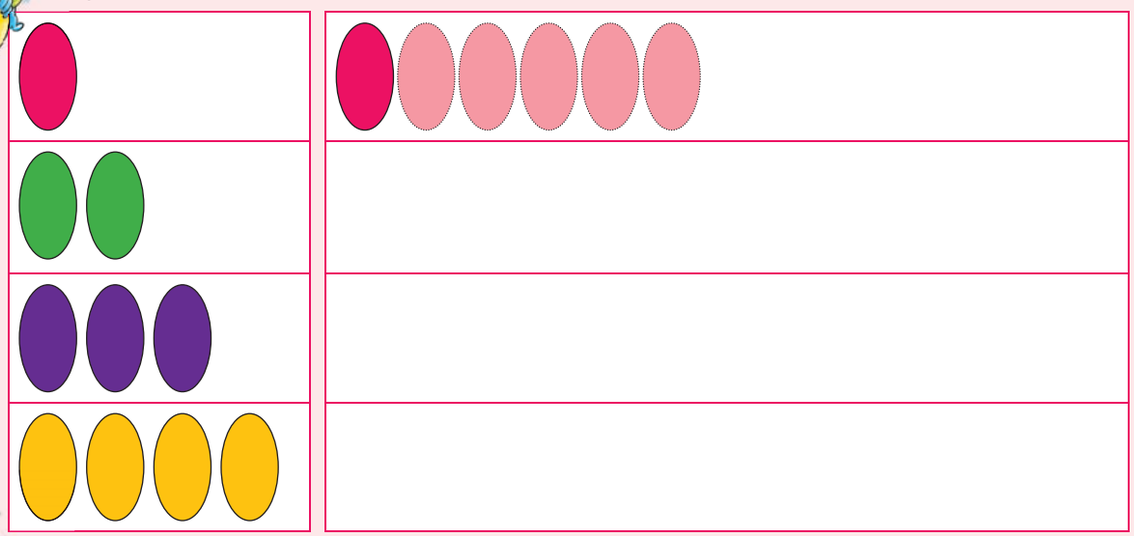
Khaḽarani zwiṱanu kha tshibuḽoko tshiṅwe na tshiṅwe.







Kopani ni ole zwiṅwe hafhu zwiṱanu.

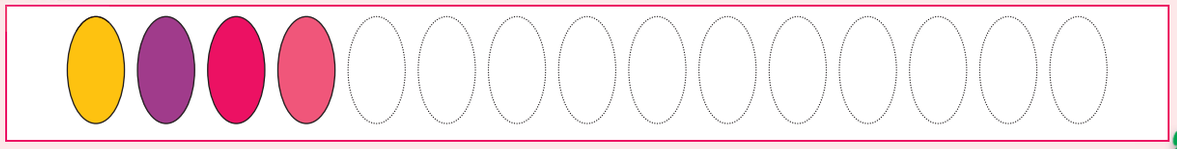


Itani ndowendowe ya nomboro.

5 ṱhanu

5 5 5 5

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



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Vusuludzani nomboro I u swika kha 5

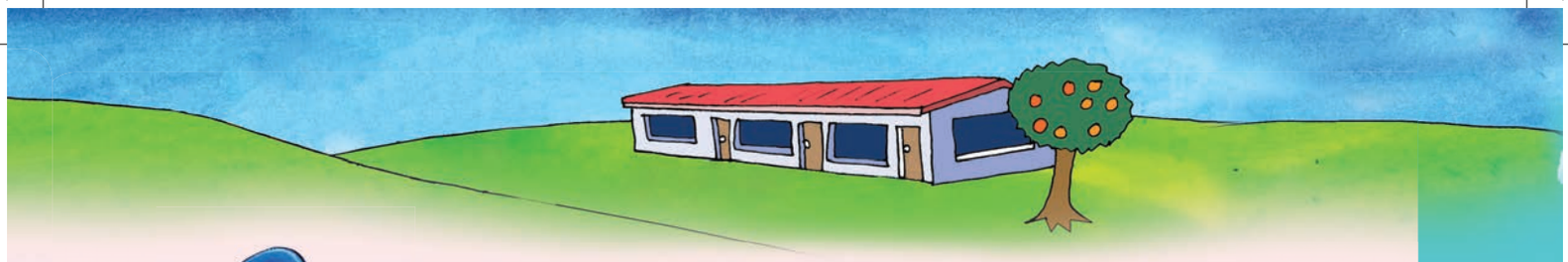
Itani ndowendowe ya u ṅwala nomboro idzi.

1 2 3 4 5



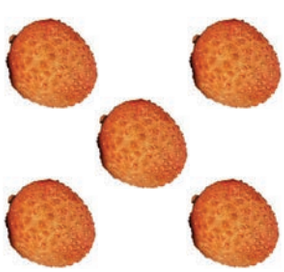
Tangedzelani nomboro i re yone.

	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





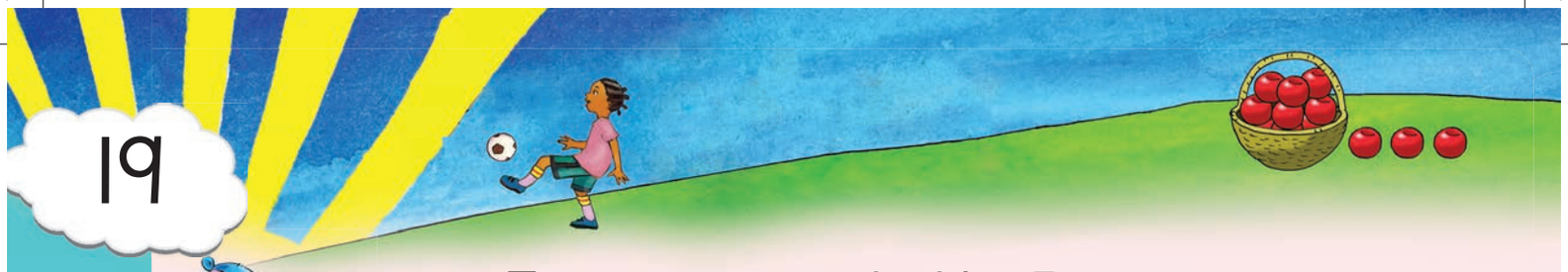
Ṅwalani madzina a nomboro.

	1	ṱhihi
	2	mbili
	3	raru
	4	ṇa
	5	ṯhanu



Teacher:
Sign:

Date:

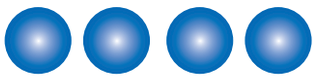




Ṱanganyani u swika kha 5

Engedzani malungu nga u ola mańwe haf hu.

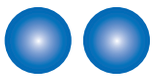
Olani tshithihi haf hu.



Olani zwivhili haf hu.



Olani zwiraru haf hu.





Vhalani ni ṱanganye hezwi ni kone u ńwala phindulo.



na



2 na 2 vha ita 4



na



2 na 1 i ita



na



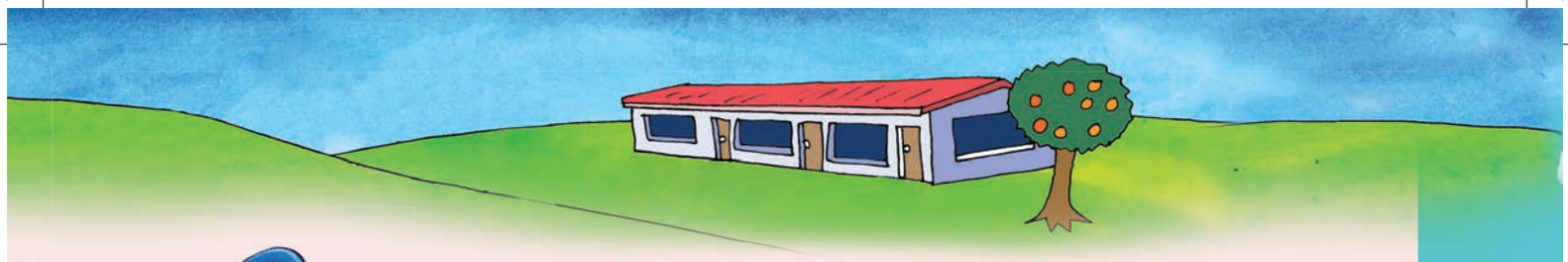
3 na 2 a ita



na



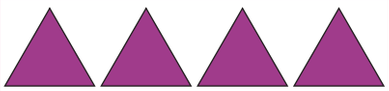
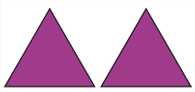
2 na 3 dzi ita





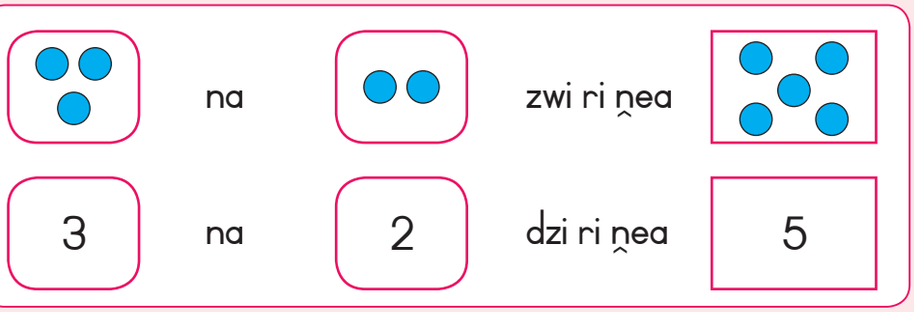
Olani thiraiengele dziṅwe haf'hu. Ni kona u vhona zwif'hio?

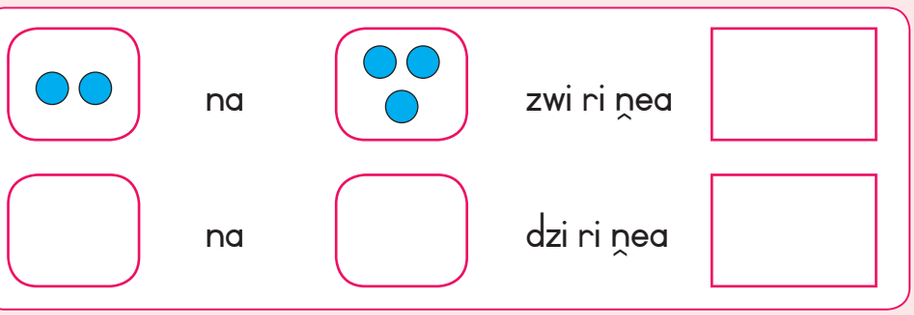


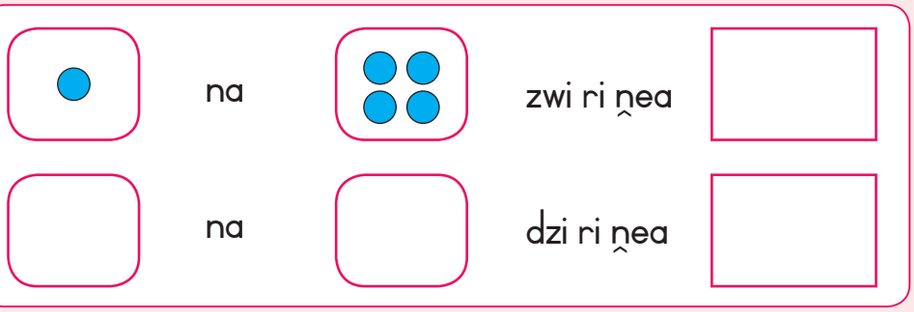
	1 nga nṱha	
	2 nga nṱha	
	3 nga nṱha	
	4 nga nṱha	



Olani phindulo .









Teacher:
Sign:

Date:



Ṱusani kha 5 ni ṱanganye u swika kha 5

Olani zwi fhasi (u fhungudza).

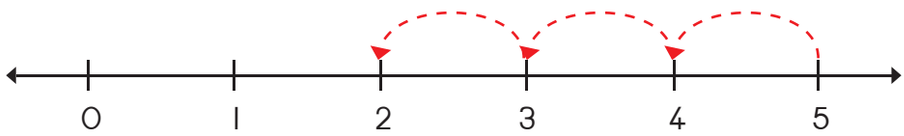
▲▲▲▲▲	zwo fhungudzwa nga I	
▲▲▲▲▲	zwo fhungudzwa nga 2	▲▲▲
▲▲▲▲▲	zwo fhungudzwa nga 3	
▲▲▲▲▲	zwo fhungudzwa nga 4	

Nwalani mbalo ya:

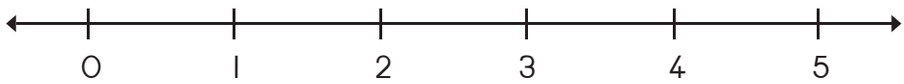
▲▲▲▲▲	5	ra ṱusa	I	ndi	4
▲▲▲▲▲		ra ṱusa		ndi	
▲▲▲▲▲		ra ṱusa		ndi	

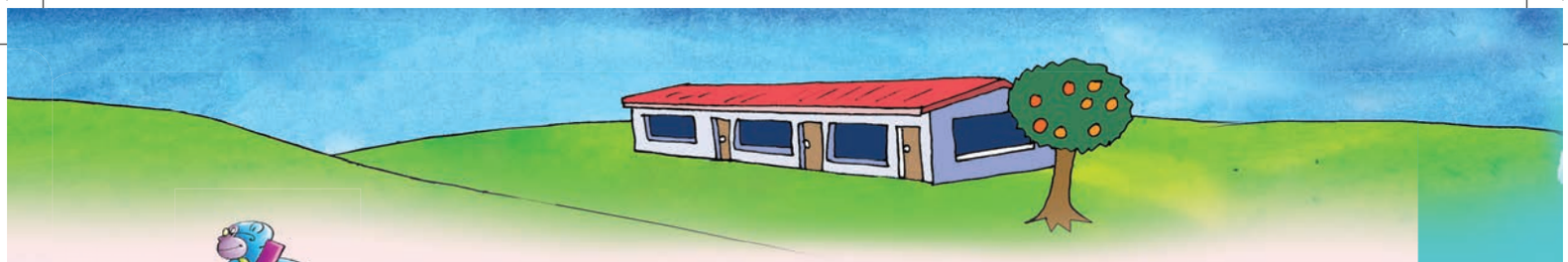
Ṱusani nga u vhala ni tshi ya murahu

5 ṱusa 3



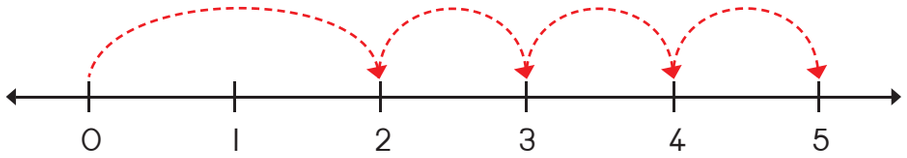
5 ṱusa 2



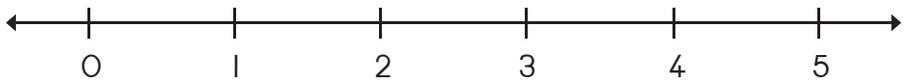


Ṱanganyani nga u vhala ni tshi ya phanḓa

2 ṱanganya na 3

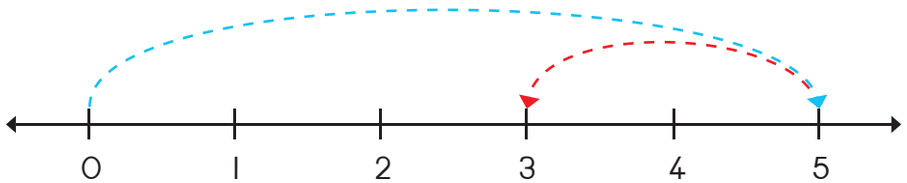


1 ṱanganya na 4



Sumbedzani mbalo kha mutalombalo.

5 ṱusa 2



5 ṱusa 4



Teacher:
Sign:

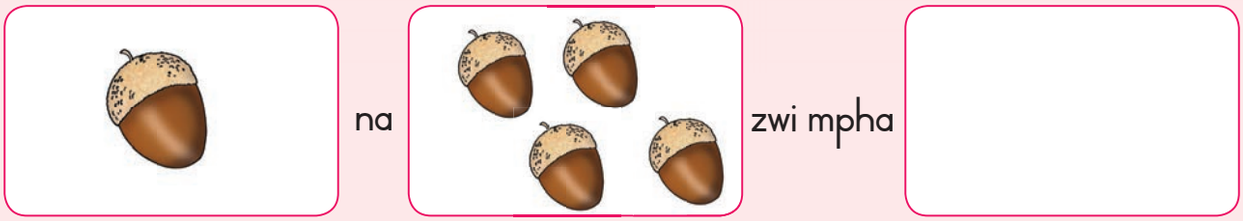
Date:

11 12 13 14 15 16 17 18 19 20



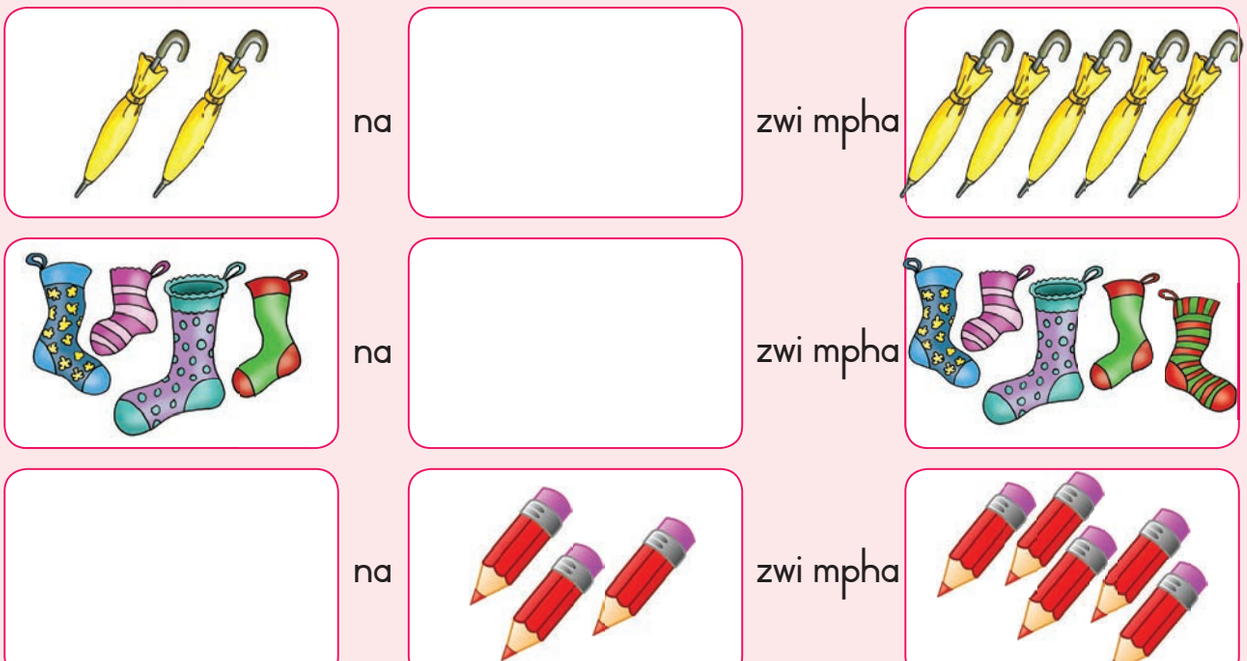
Ṱanganyani na u ṱusa u swika kha 5

Fhedzisani zwi tevhelaho:

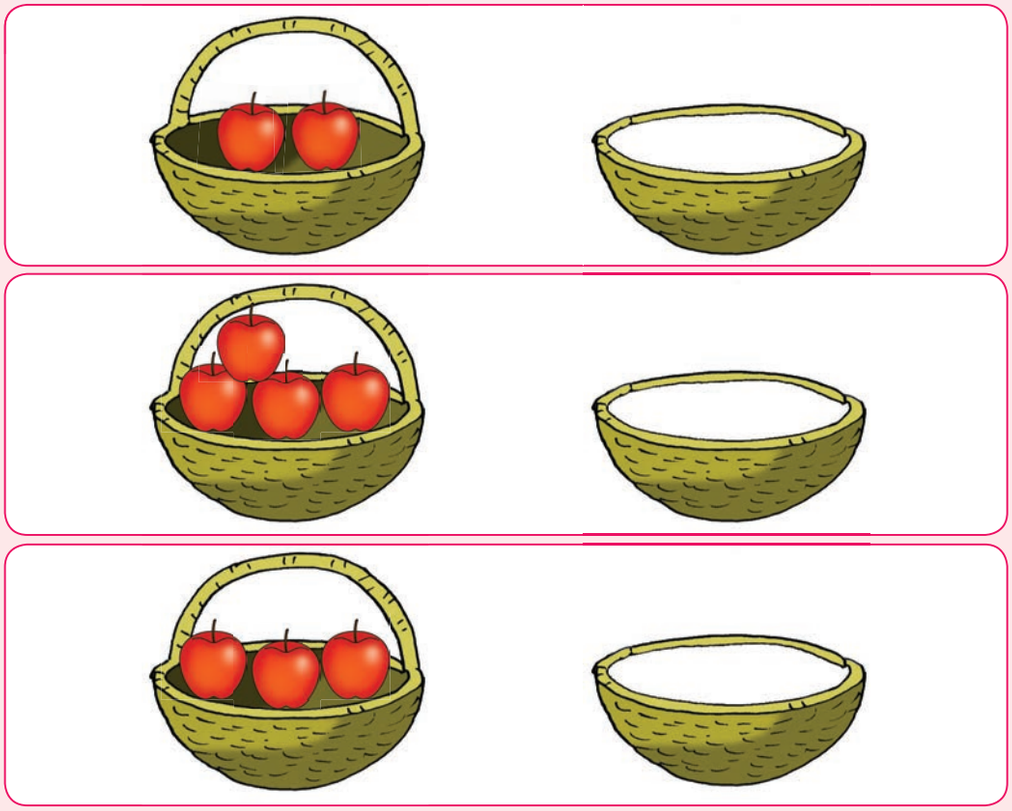




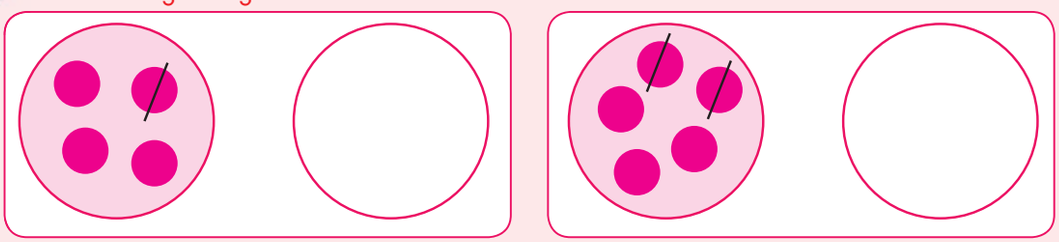
Fhedzisani zwi tevhelaho:



Olani mańwe maapula hafhu uri a vhe a maṱanu.



Ho sala malungu mangana? A oleni.



Mbalo dza maipfi.

Mudededzi/mubebi waṋu vha ḓo ni vhalela yone na kona u ola muolo (nyolo) wa u tandululula mbalo iyi.

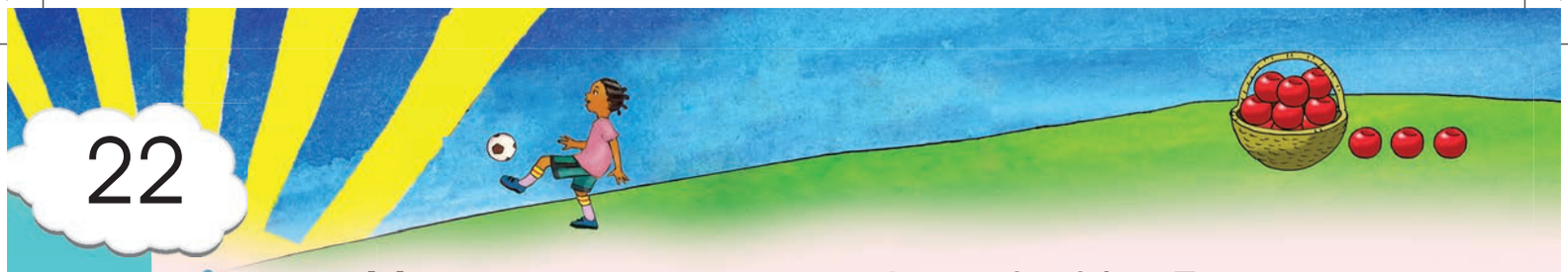
Lisa u na mapiere mavhili. Musa a mu ṋea ḽithihi. O no vha na mapiere mangana zwino?

Lisa u na mapiere maṋa. Musa a mu ṋea mavhili. O no vha na mapiere mangana zwino?

Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

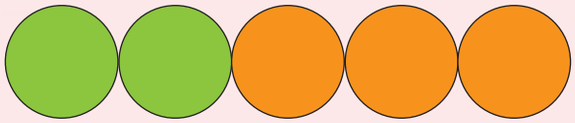


22

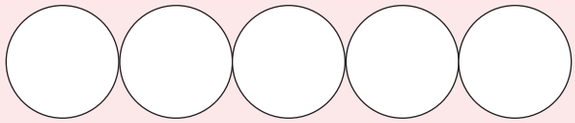


Muṱanganyo na muṱuso I u swika kha 5

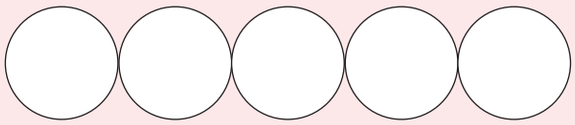
Khaḽarani malungu ni tshi sumbedza.



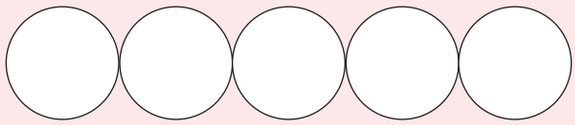
2 na 3 ndi 5



I na 4 ndi 5



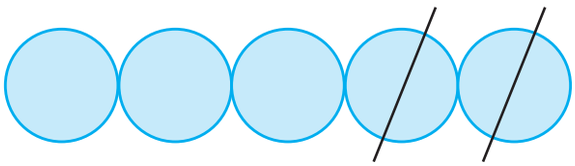
3 na 2 ndi 5



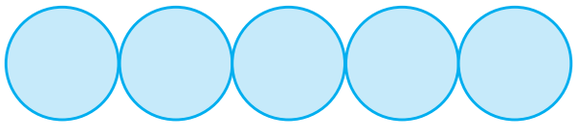
4 na I ndi 5



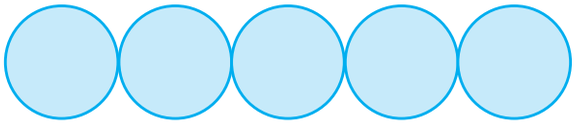
Hwayani malungu ni tshi sumbedza:



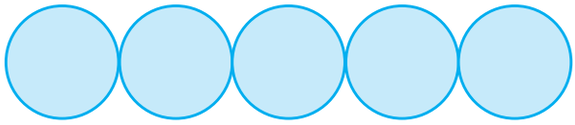
5 ṱusa 2 ndi 3



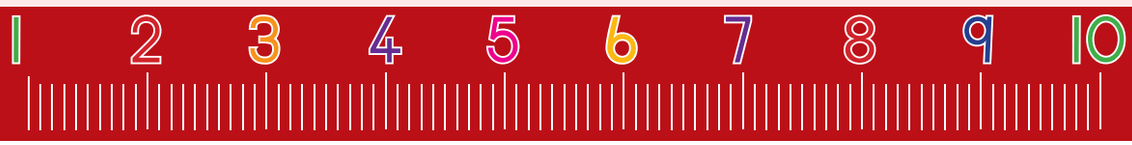
5 ṱusa I ndi 4

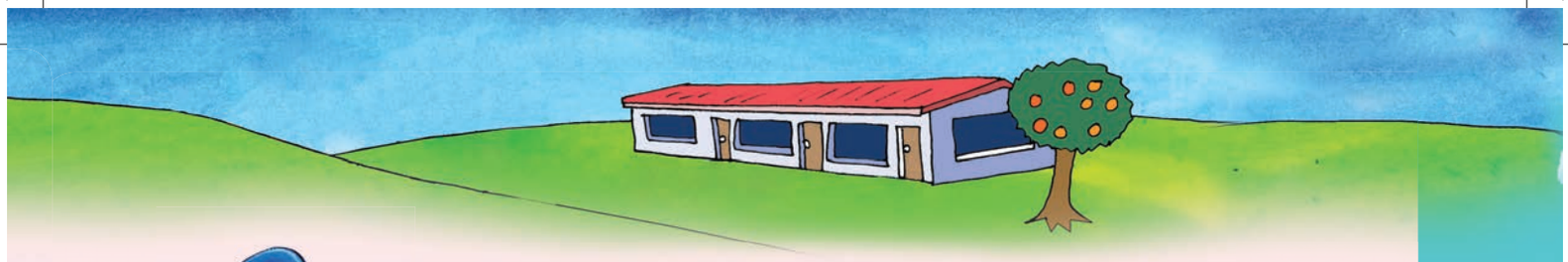


5 ṱusa 3 ndi 2



5 ṱusa 4 ndi I

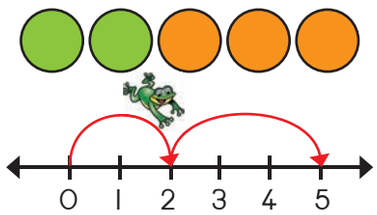




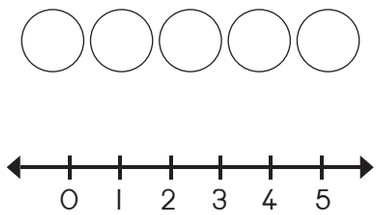


Khaḽarani malungu. Thusani tshiḓula uri tshi sumbedze nomboro.

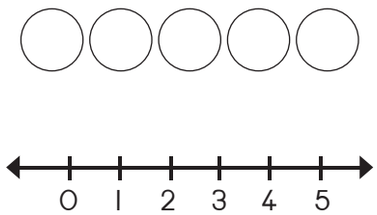
2 na 3 ndi



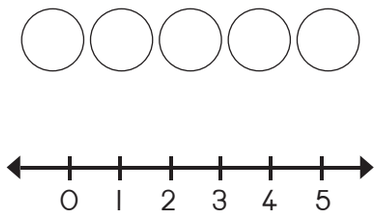
3 na 2 ndi



1 na 4 ndi



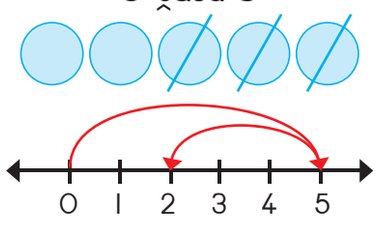
4 na 1 ndi



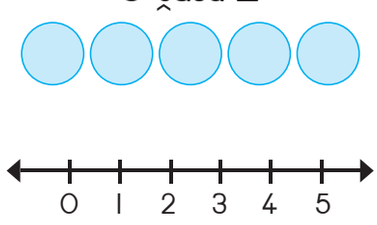


Hwayani malungu ane na a ṱusani ni zwi sumbedze kha mutalombalo.

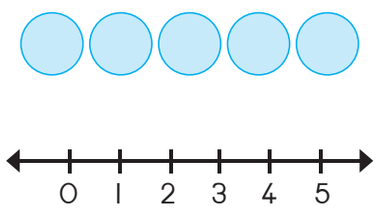
5 ṱusa 3



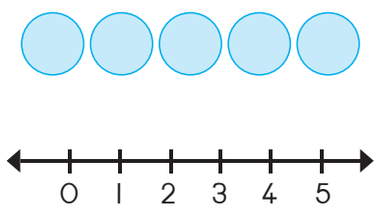
5 ṱusa 2



5 ṱusa 1



5 ṱusa 4





Teacher:
Sign:

Date:

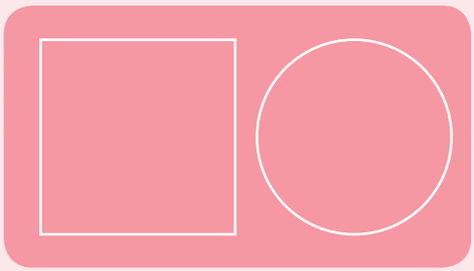


11 12 13 14 15 16 17 18 19 20

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?











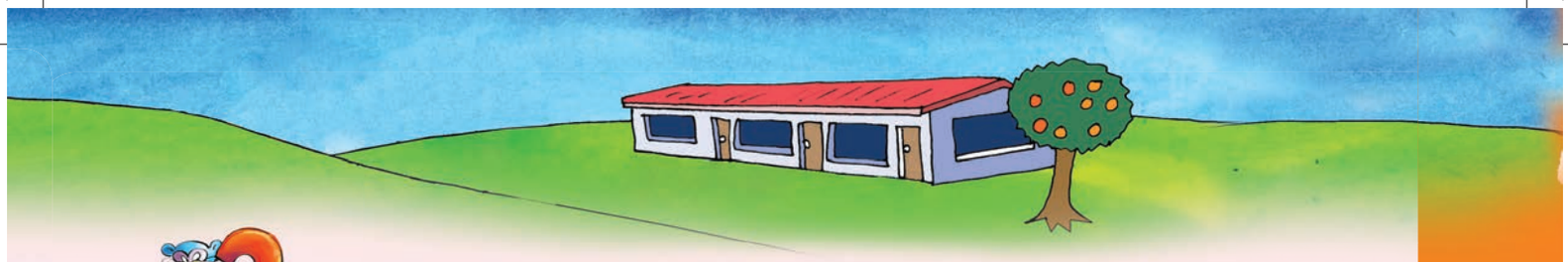








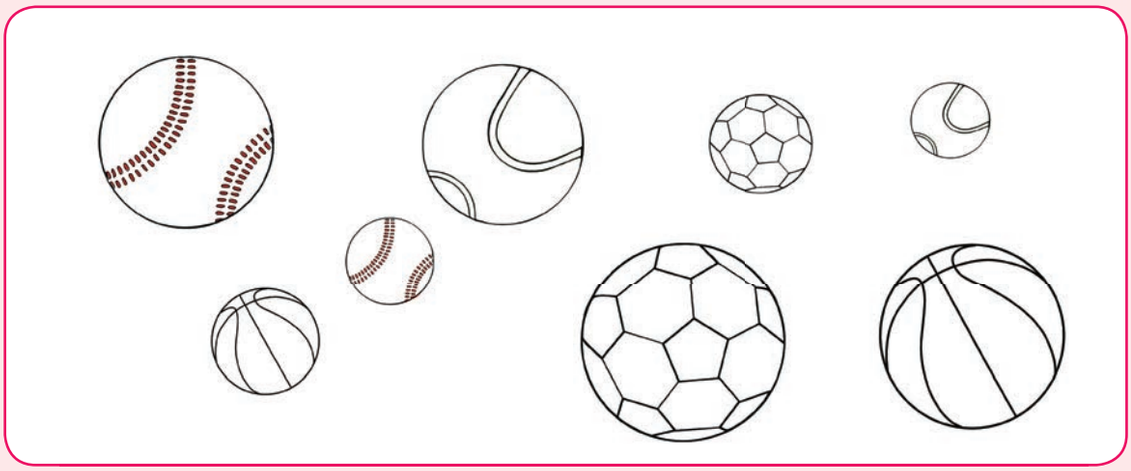


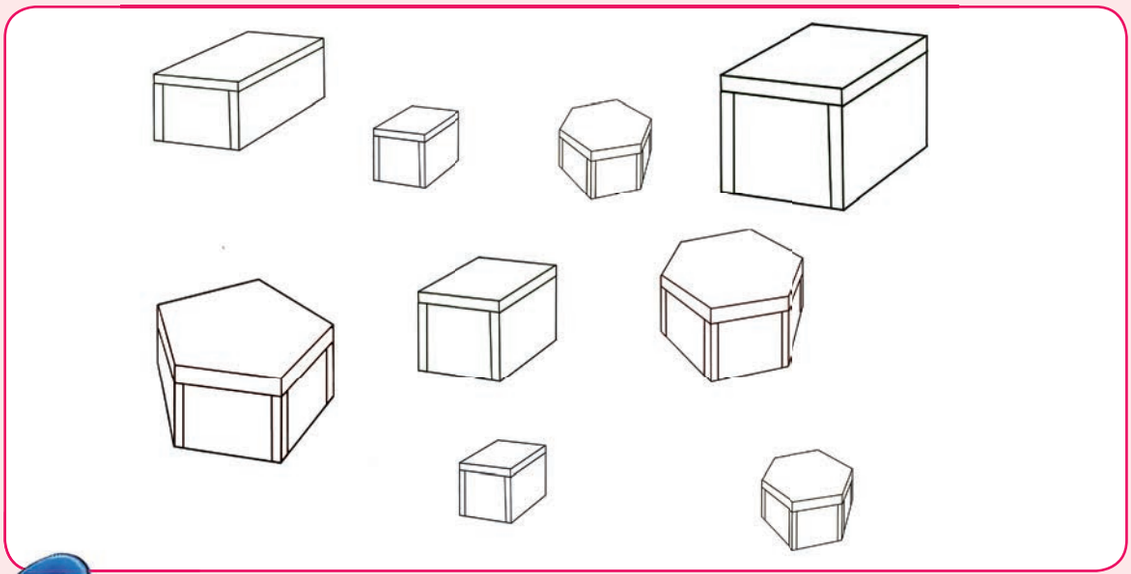




Khaḽarani:

- zwibogisi zwiṱuku na bola tswuku
- zwibogisi zwihulwane na bola dza lutombo







Tevhedzelani maipfi.

tshibogisi

bola

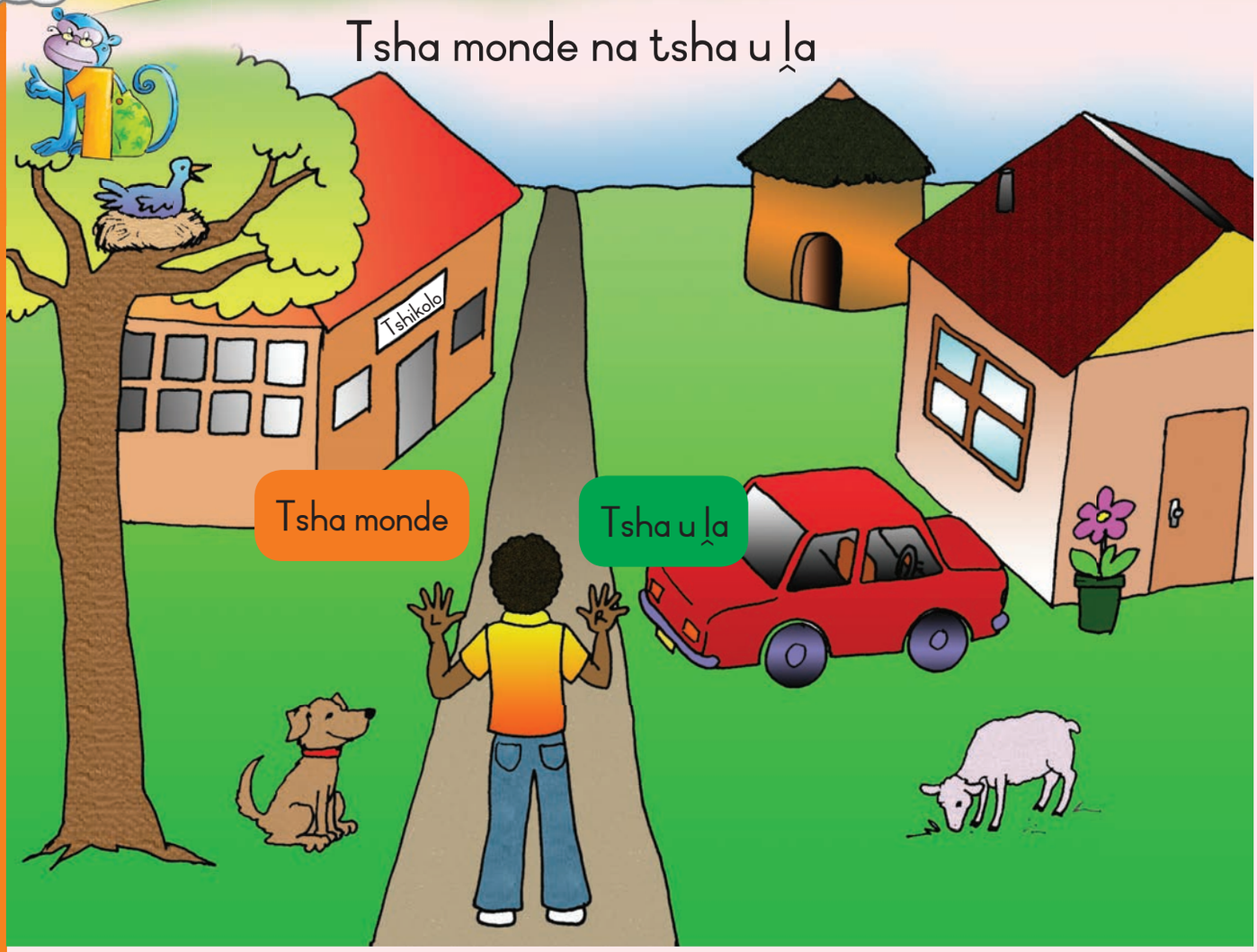
Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

24a

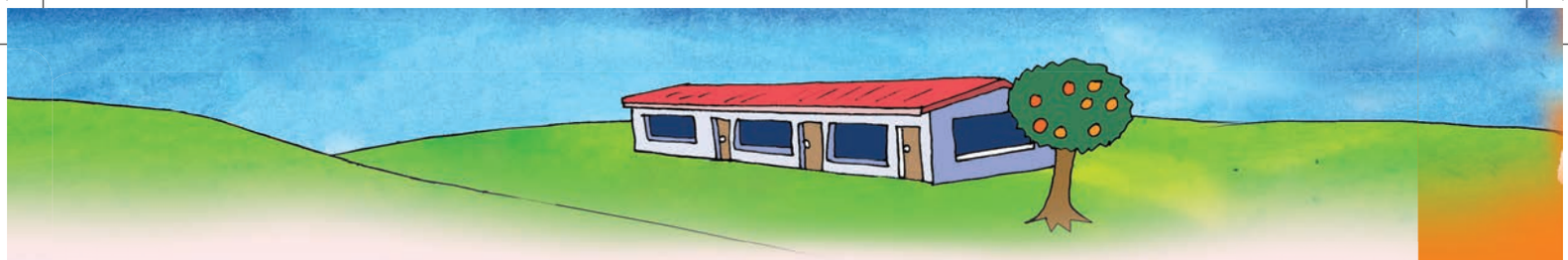
Tsha monde na tsha u ḽa



	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		
Nngu i kha tshanḓa tshawe		
Ranḓavhula i kha tshanḓa tshawe		
Tshikolo tshi kha tshanḓa tshawe		
Maluvha a kha tshanḓa tshawe		

1 2 3 4 5 6 7 8 9 10





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

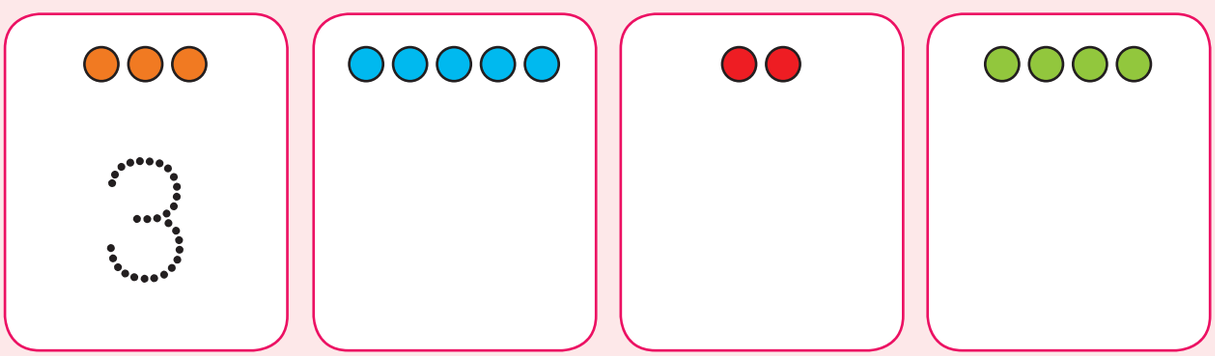
Tangedzelani tshanḓa tsha musidzana tsha u ḽa.
Tangedzelani mulenzhe wa musidzana wa monde.
Imani sa uyu musidzana ni sumbe tshanḓa tshaṋu tsha monde.







Itani ndowendowe ya u ṅwala nomboro idzi.

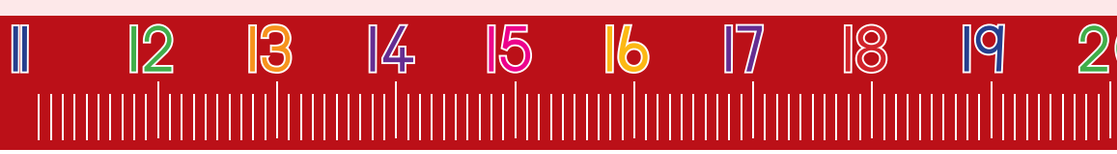




Teacher:
Sign:

Date:





Ndila

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

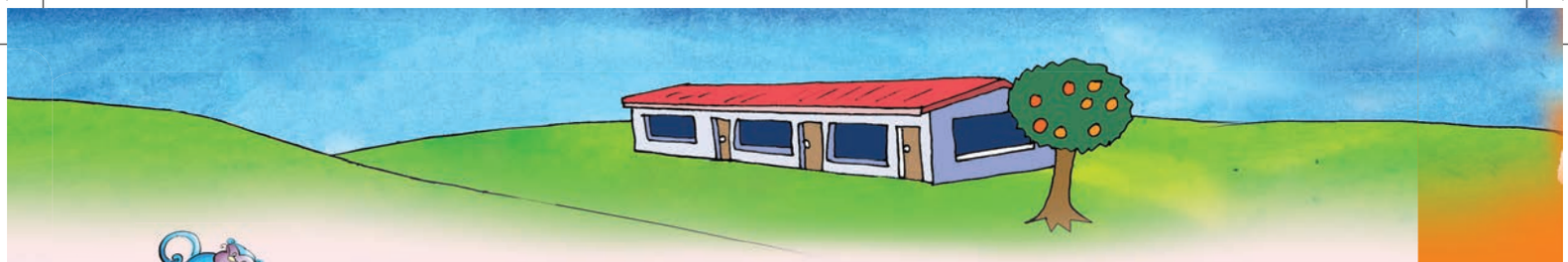
tsha monde	tsha u ḽa
✓	

tsha monde	tsha u ḽa

tsha monde	tsha u ḽa

tsha monde	tsha u ḽa

tsha monde	tsha u ḽa





Khaḽarani ipfi ḽone ḽi no yelana na musevhe.

⇧	nga nṱha	kha tsha monde	nga fhasi	kha tsha u ḽa
⇩	nga nṱha	kha tsha monde	nga fhasi	kha tsha u ḽa
⇨	nga nṱha	kha tsha monde	nga fhasi	kha tsha u ḽa
⇦	nga nṱha	kha tsha monde	nga fhasi	kha tsha u ḽa



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

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

Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20



U fhaṱa na u paḓula nomboro

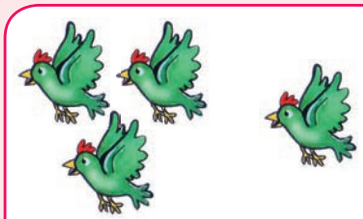
Ṅwalani nomboro dzo teaho tshibuḽokoni tshiṅwe na tshiṅwe.



2 na 1 ndi 3



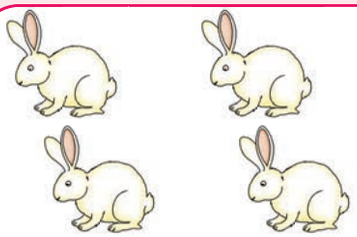
na ndi



na ndi



na ndi



na ndi



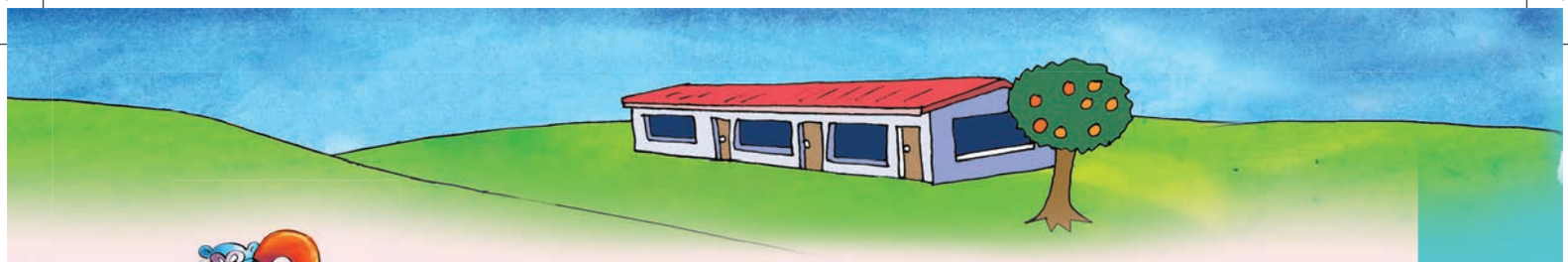
na ndi



na ndi



na ndi

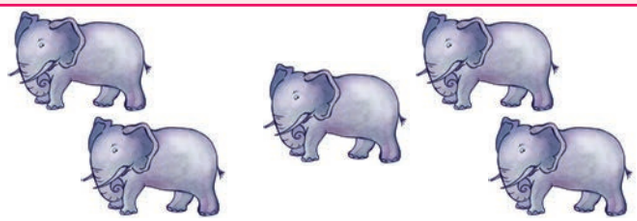




Zwino edzisani hezwi.



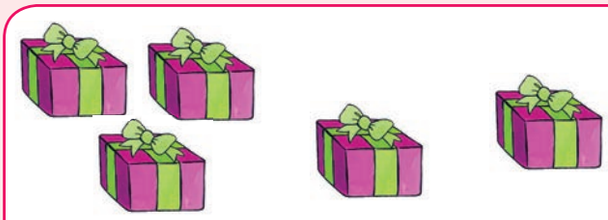
☐ na ☐ na ☐ ndi ☐



☐ na ☐ na ☐ ndi ☐



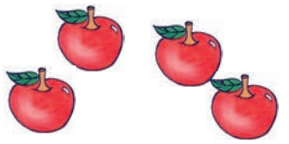
☐ na ☐ na ☐ ndi ☐



☐ na ☐ na ☐ ndi ☐



☐ na ☐ na ☐ ndi ☐



☐ na ☐ na ☐ ndi ☐



Teacher:
Sign:

Date:

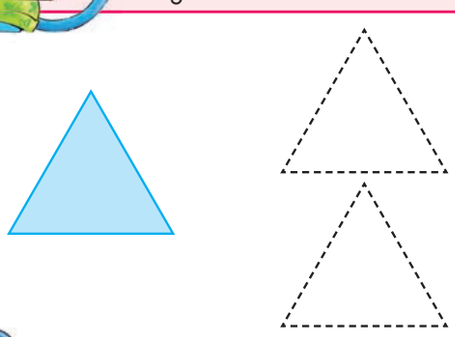
11 12 13 14 15 16 17 18 19 20

Nyingakavhili dza muṱanganyo

Zwithoma zwivhili kha mabesu.

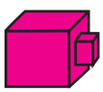
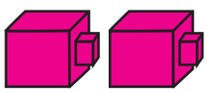


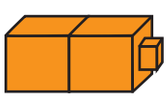
U inga kavhili zwivhumbeo.

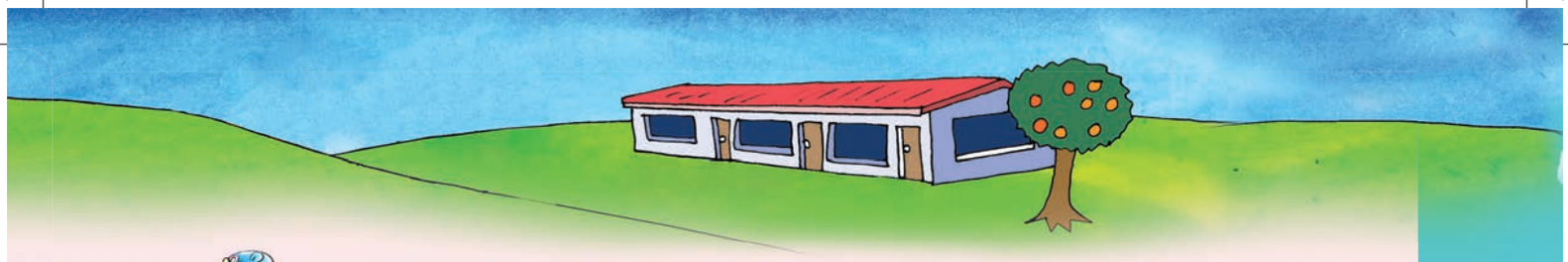




Olani ni ṅwale nomboro.

Nyingakavhili ya  ndi  Nyingakavhili ya [I] ndi [ ]

Nyingakavhili ya  ndi [ ] Nyingakavhili ya [ ] ndi [ ]

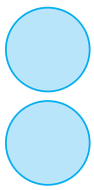
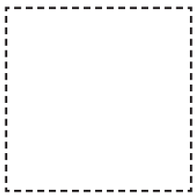


Olani ni ṅwale nomboro.

Nyingakavhili ya  ndi 

Nyingakavhili ya | 1 | ndi | 2 |

| 1 | ṱanganya na | 1 | ndi | |

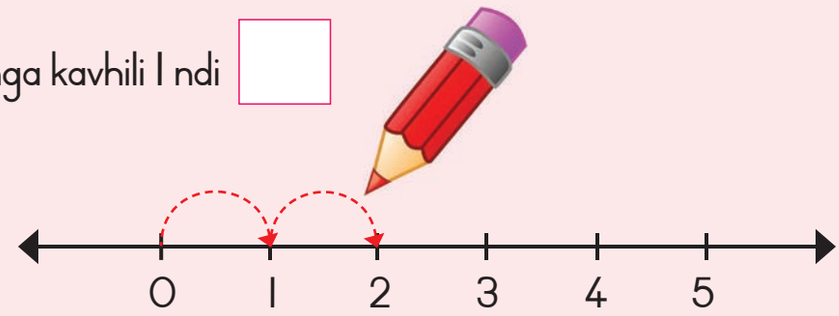
Nyingakavhili ya  ndi 

Nyingakavhili ya | | ndi | |

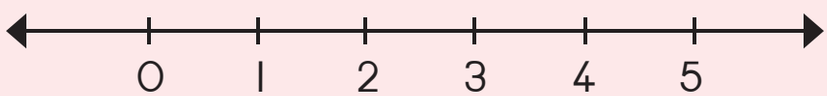
| | ṱanganya na | | ndi | |

Sumbedzani zwi tevhelaho kha mutalombalo

U inga kavhili 1 ndi



U inga kavhili 2 ndi



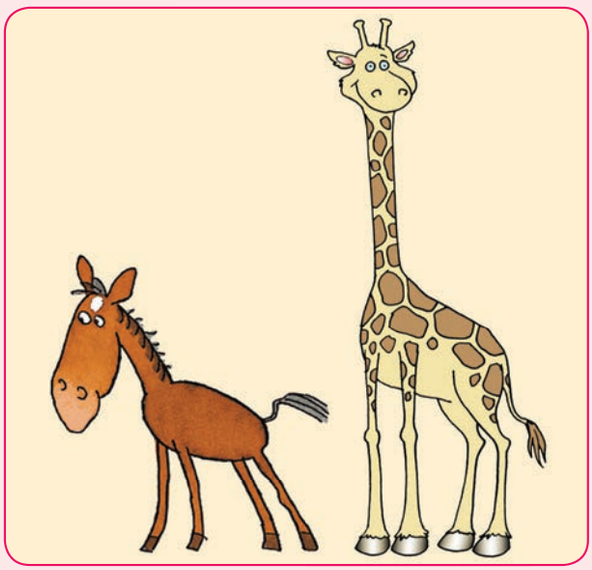
Teacher:
Sign:

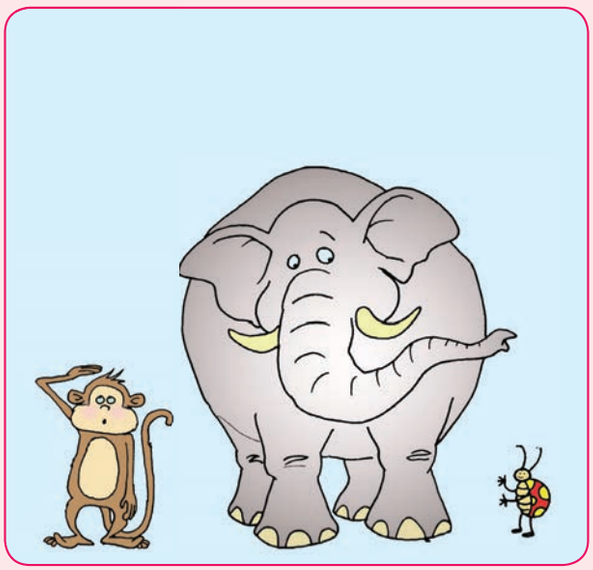
Date:

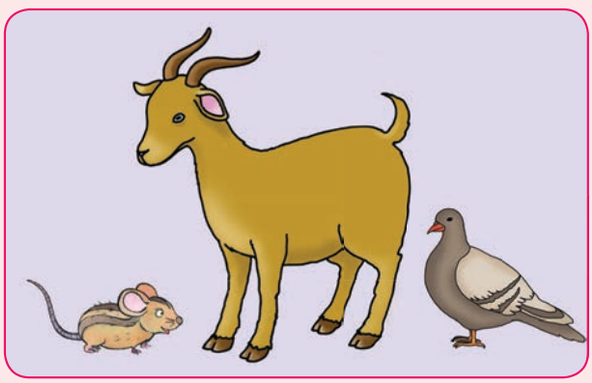


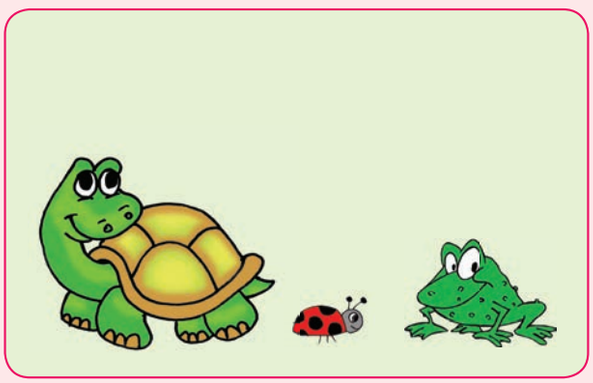
Zwihulwame na zwiṱuku

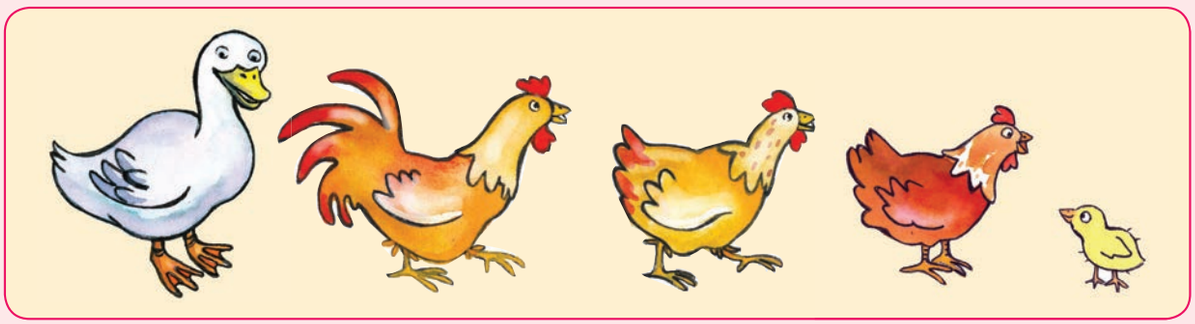
Tangedzelani phukha khulwane nga muvhala mutswuku.
Olani tshitendeledzi u mona na tshipuka tshiṱukusa tshibogisini tshiṅwe na tshiṅwe.



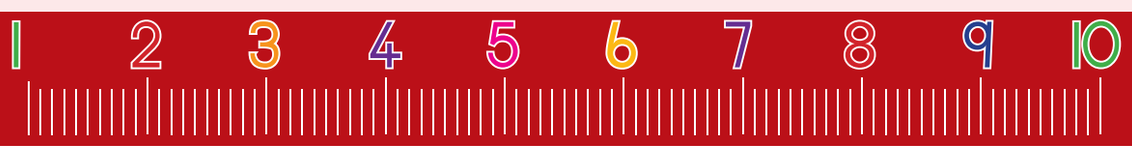


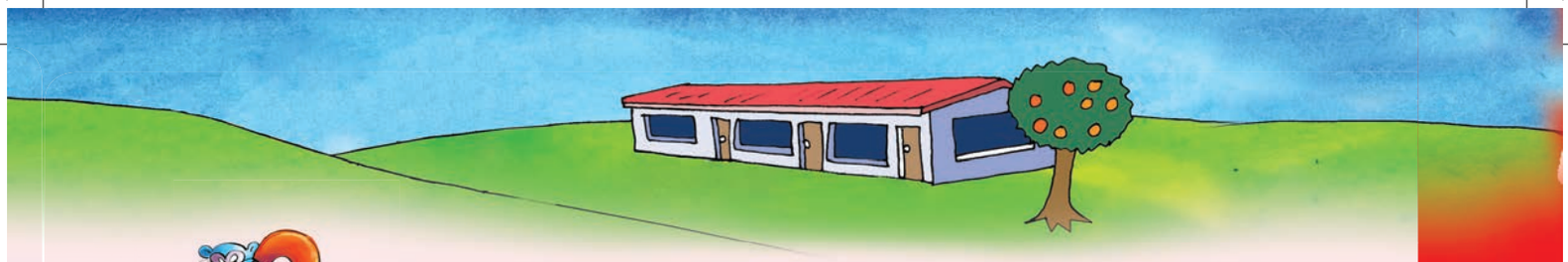






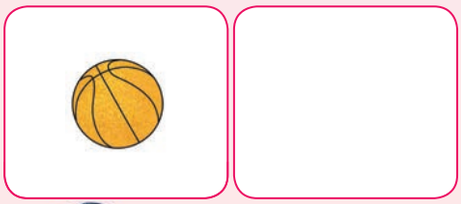
khulwane	ṱhukhu
khulukhulu	ṱhukhuṱhukhu



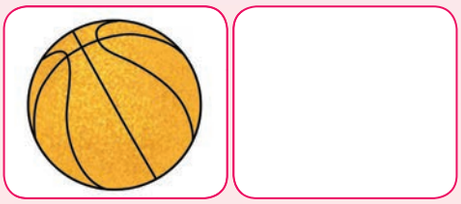




Olani bola khulwane.

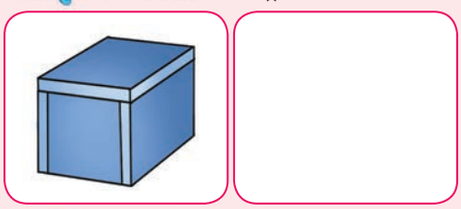


Olani bola ṱhukhu.

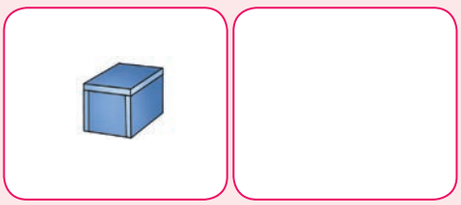




Olani tshibogisi tshiṱuku.

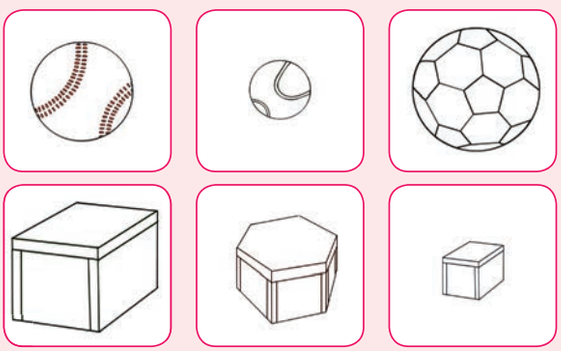


Olani tshibogisi tshihulwane.



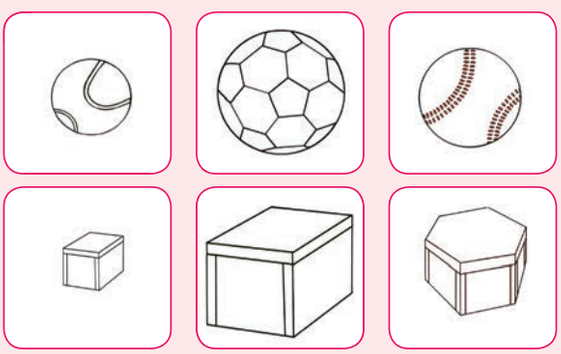


Khaḽarani.





Khaḽarani.





Teacher:
Sign:

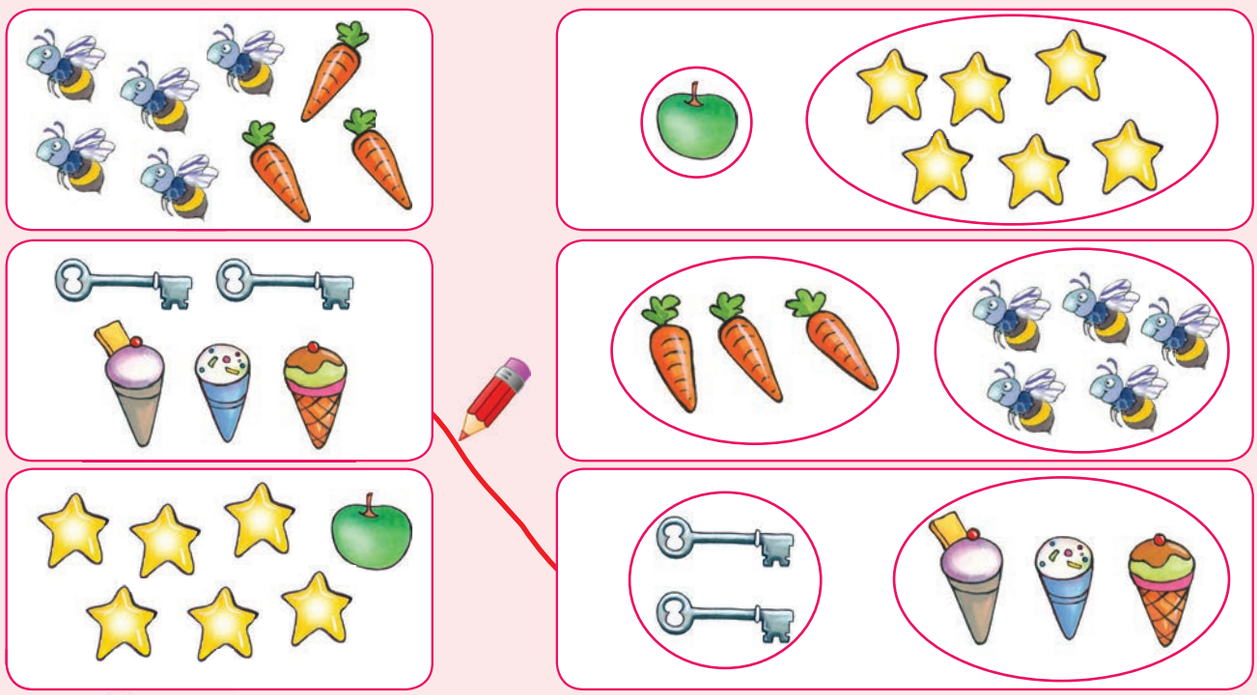
Date:

11 12 13 14 15 16 17 18 19 20

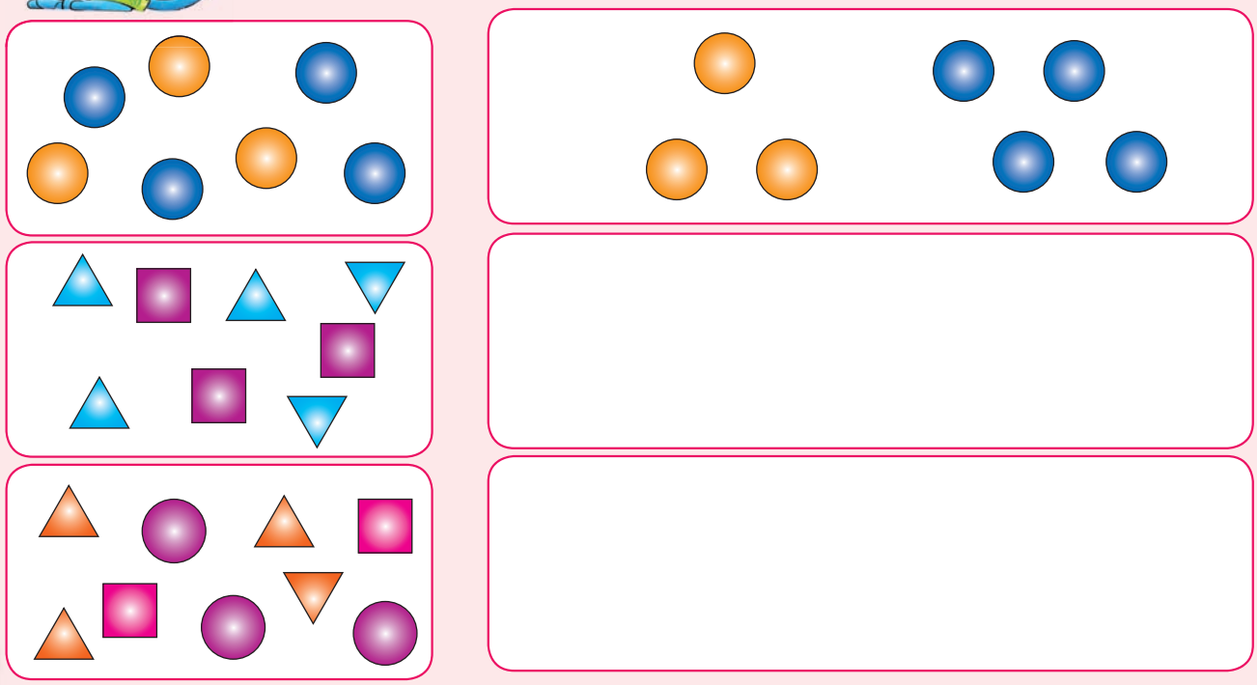


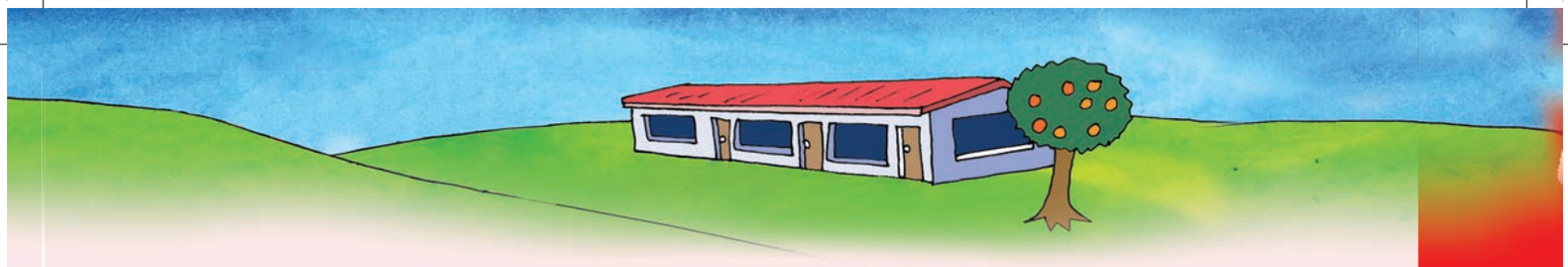
Vhekanyani zwithu

Livhanyani zwithu zwo vhekanyiwaho na zwifanyiso.



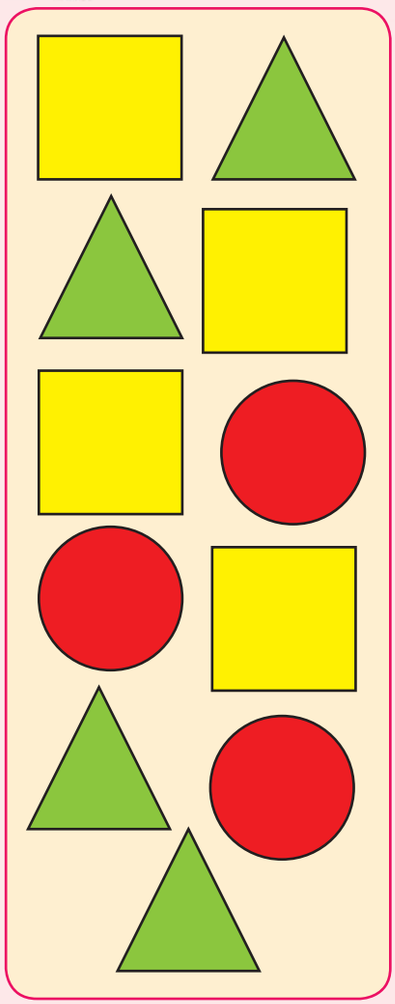
Vhekanyani nga u ola nyolo ya tshiṅwe na tshiṅwe.

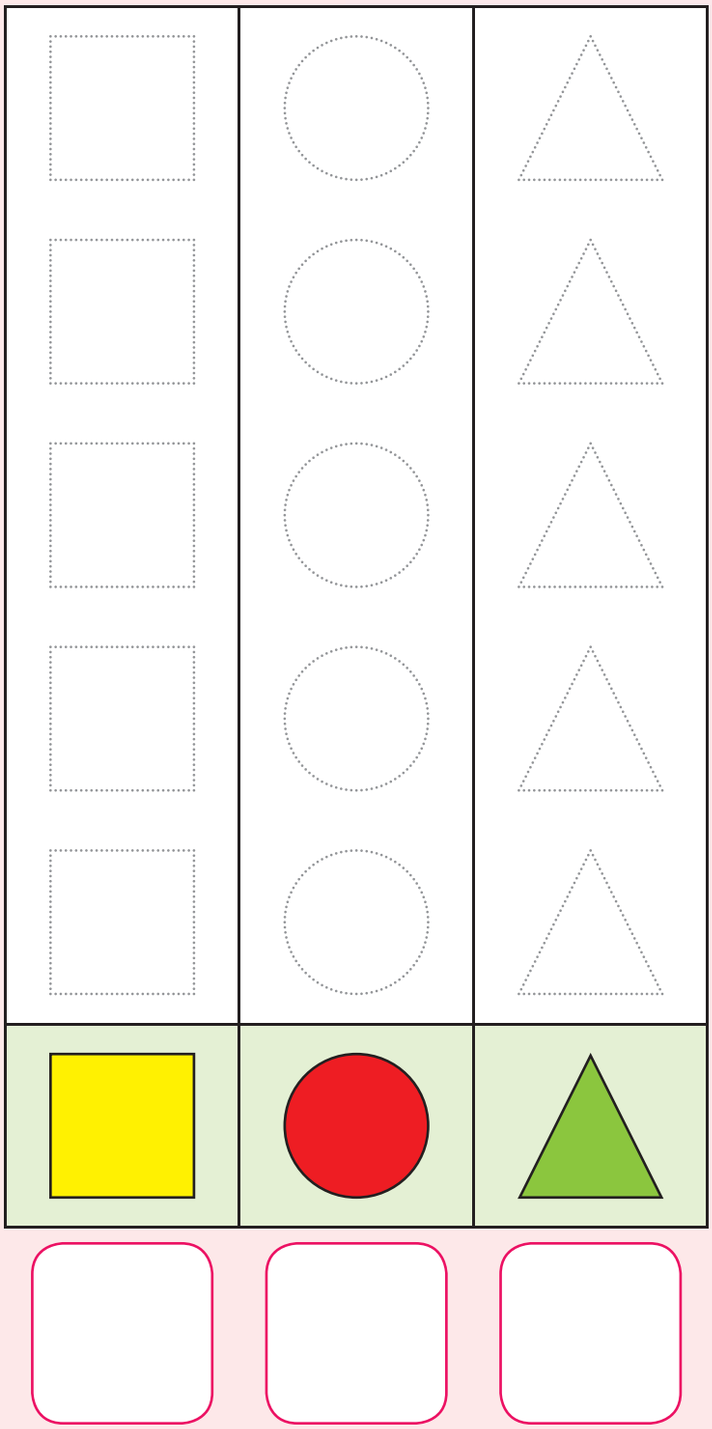






Olani hafhu zwivhumbeo zwi re kha girafu ya zwifanyiso ni ṅwale nomboro ya tshiṅwe na tshiṅwe nga fhasi.





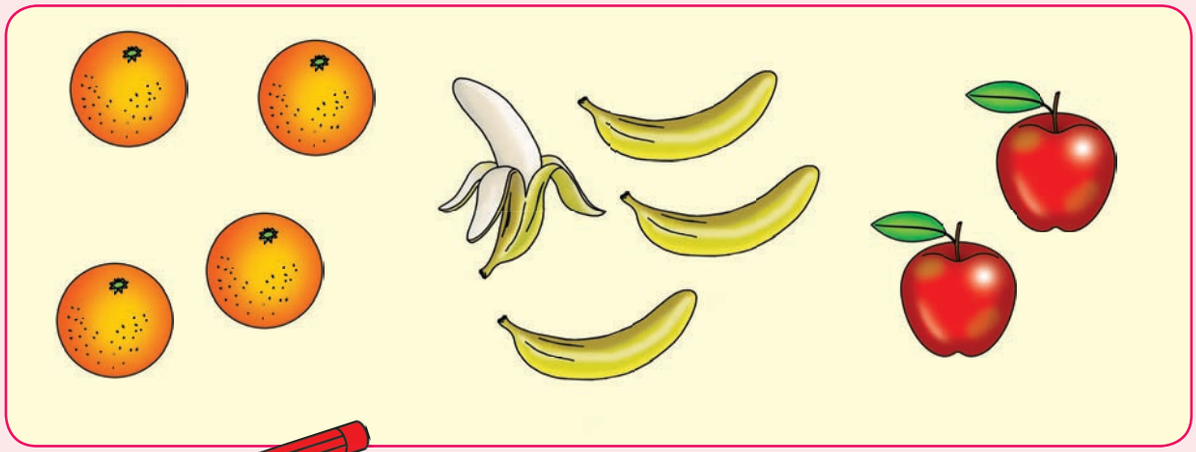
Teacher:
Sign:

Date:



Kha ri kovhekane zwi tshi lingana

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

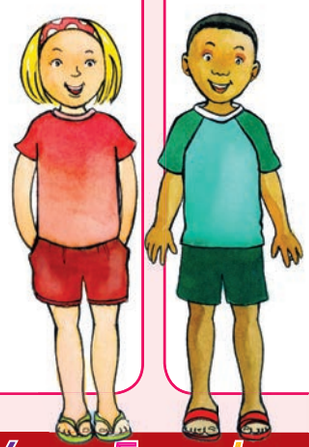


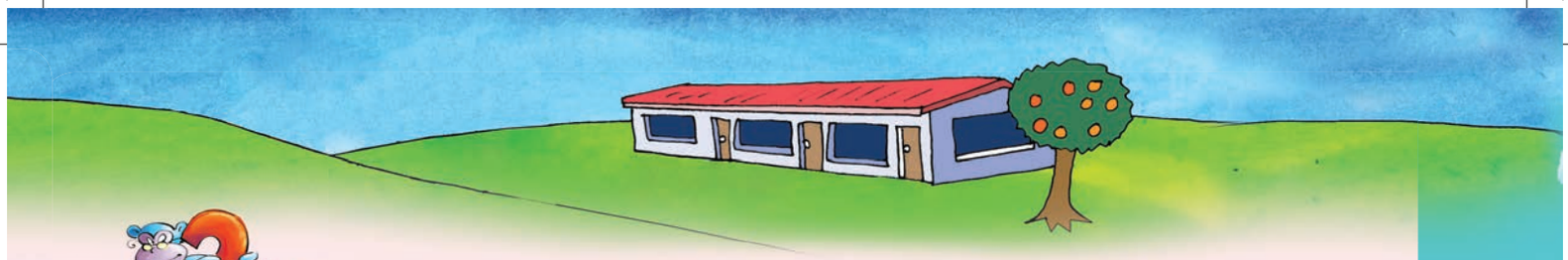
4 maswiri

miomva

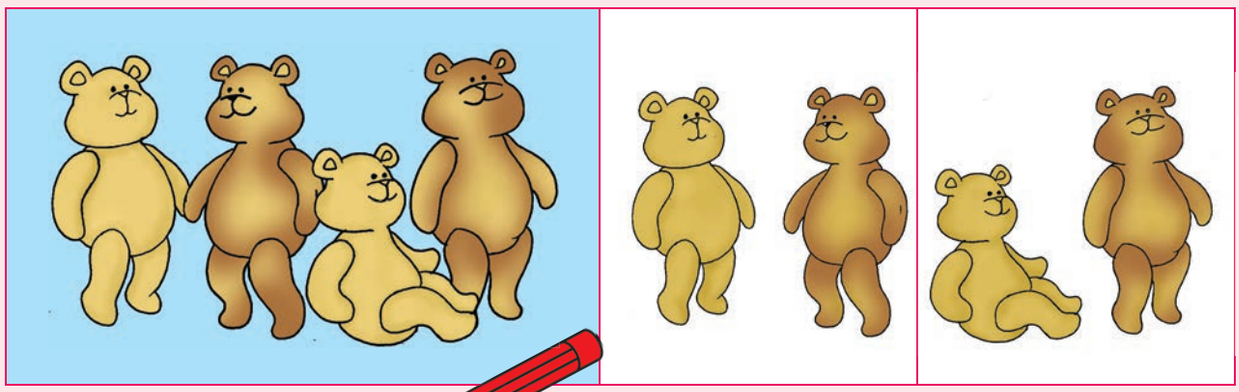
maapula

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





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



4 = 2 + 2



__ = __ + __



__ = __ + __

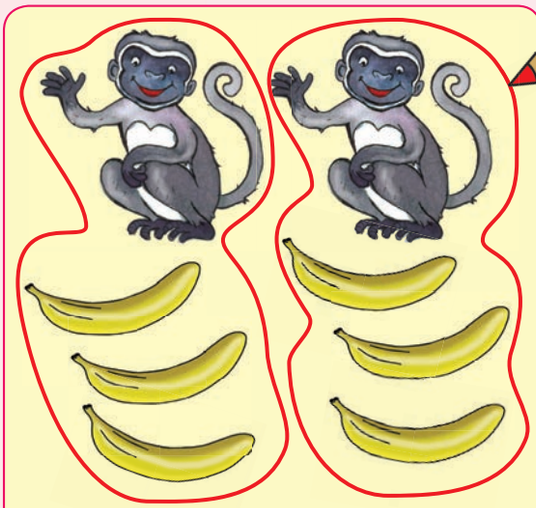
Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

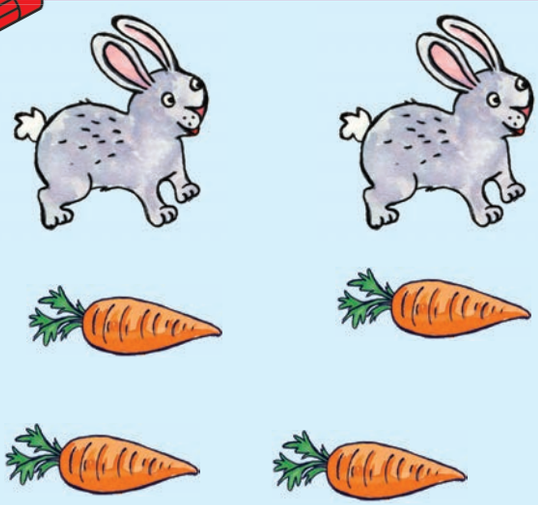
U kovhana zwi tshi lingana

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

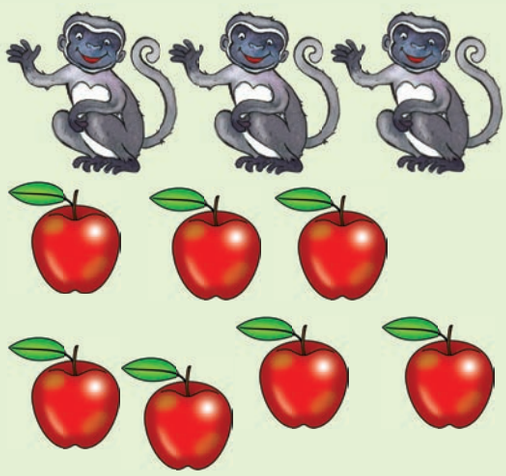


Ṱhoho iṅwe na iṅwe yo wana miomva mingana?

3

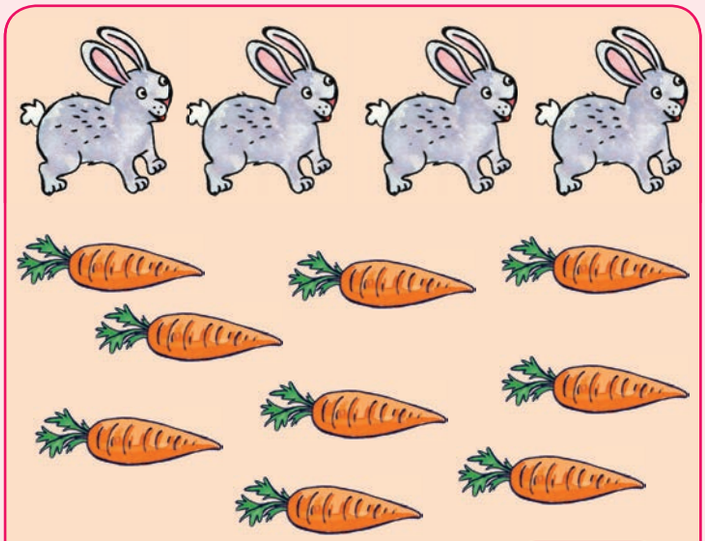


Muvhuḓa muṅwe na muṅwe wo wana kherotsi nngana?



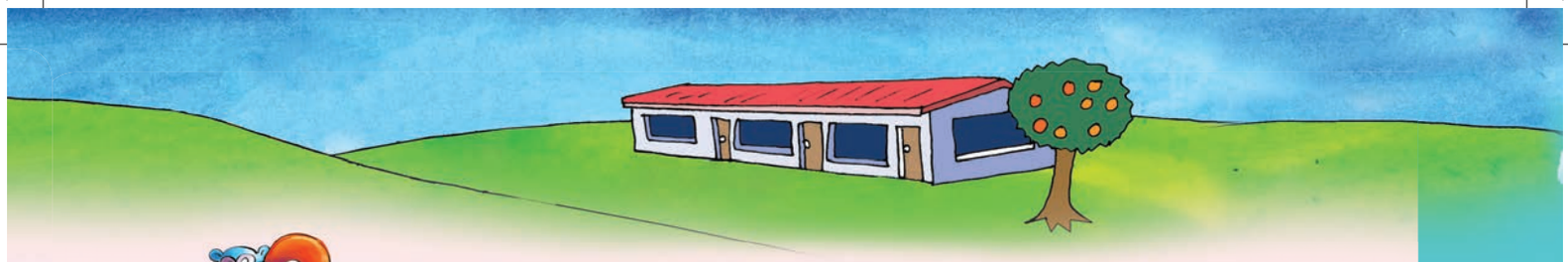
Ṱhoho iṅwe na iṅwe yo wana maapula mangana?

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

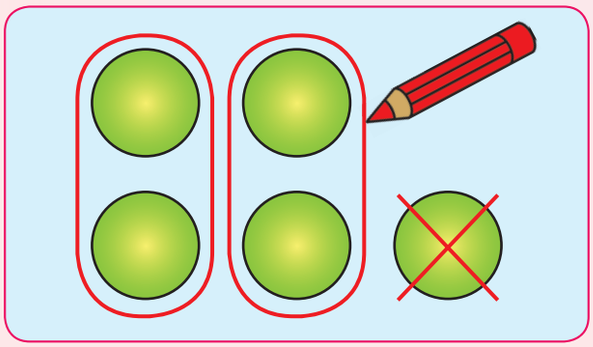


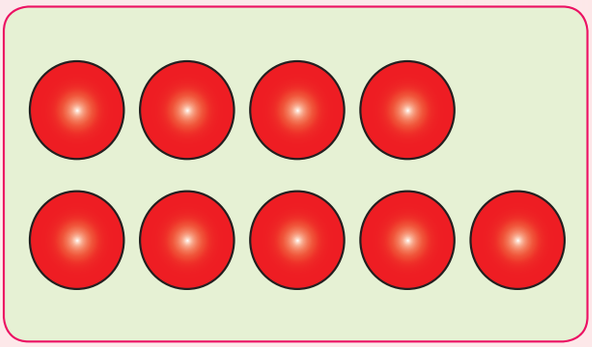
Muvhuḓa muṅwe na muṅwe wo wana kherotsi nngana?

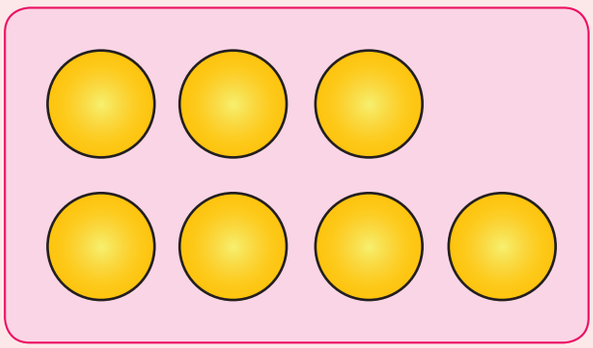
Ho sala dziṅwe kherotsi musi dzo no kovhiwa dzi tshi lingana?

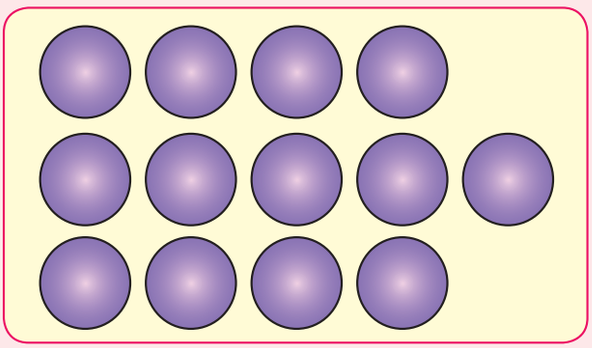


Vhekanyani zwivhaleli zwi kha zwigwada zwivhili zwi no lingana ni ite tshifhambano kha zwivhaleli zwo salaho.

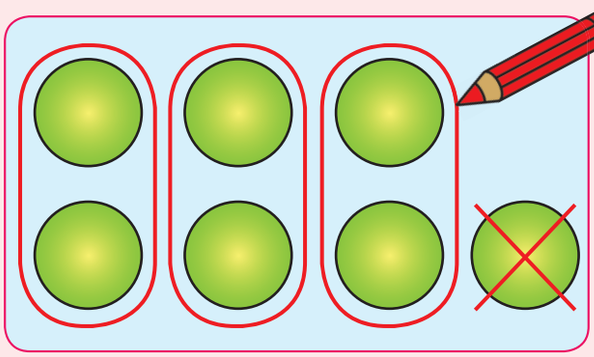


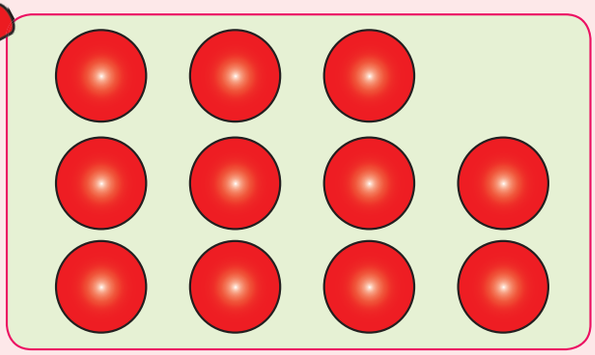


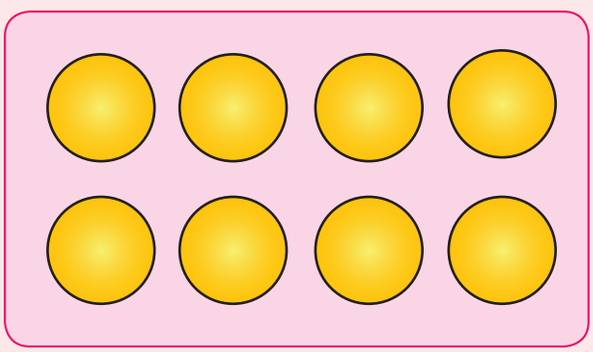


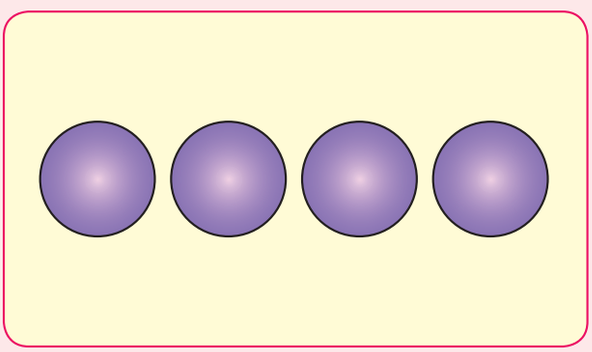


Vheani zwivhaleli kha zwigwada zwiraru zwi no lingana ni ite tshifhambano kha zwivhaleli zwo salaho.









Teacher:
Sign:

Date:

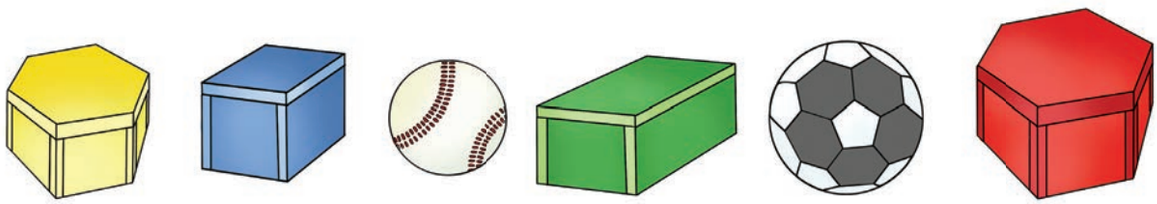
11 12 13 14 15 16 17 18 19 20

31

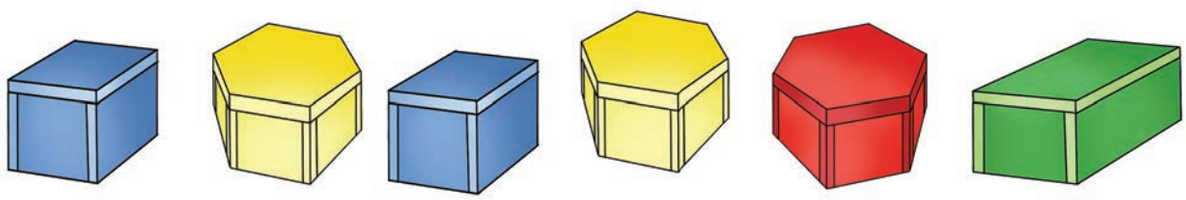


U fhaṱa zwithu

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



Ee | Hayi



Ee | Hayi

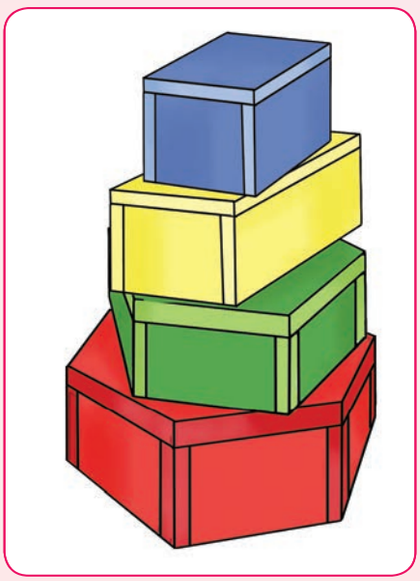


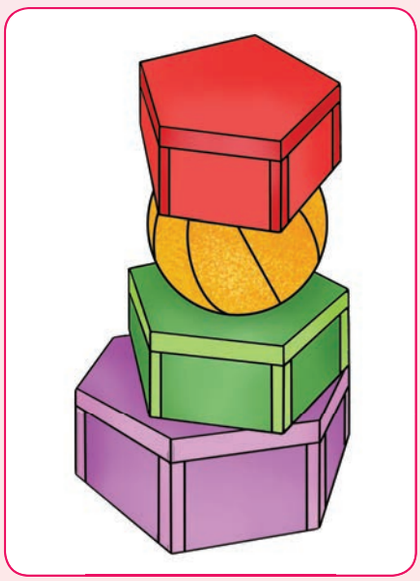
Ee | Hayi

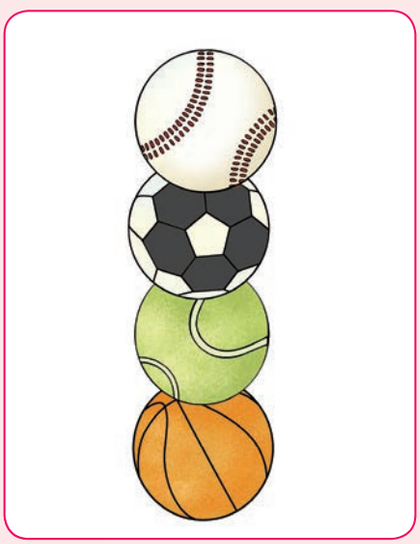
1 2 3 4 5 6 7 8 9 10

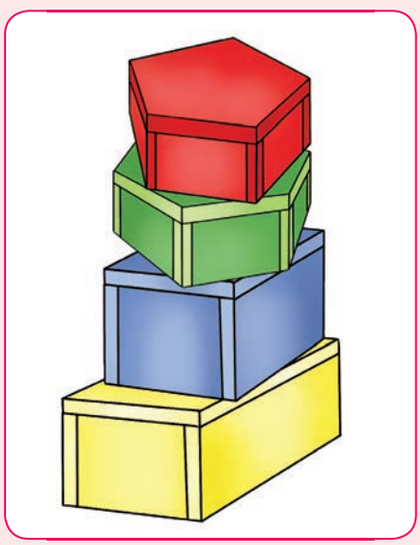


Thawara i ḓo ima kana hai? Itani ✓ kana ✗.











Shumisani maforogisi a fumi na guḽuu kha u fhaṱa tshifhaṱo tshaṋu.
Guḽuu i a leludza zwithu?

Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20



U bula tshifhinga

Tevhedzelani miṅwedzi ya ṅwaha.
Khaḽarani baḽoni ḽa ṅwedzi wa ḓuvha ḽaṋu ḽa mabebo.

Phando

Luhuhi

Ṱhafamuhwe

Lambamai

Shundunthule

Fulwi

Fulwana

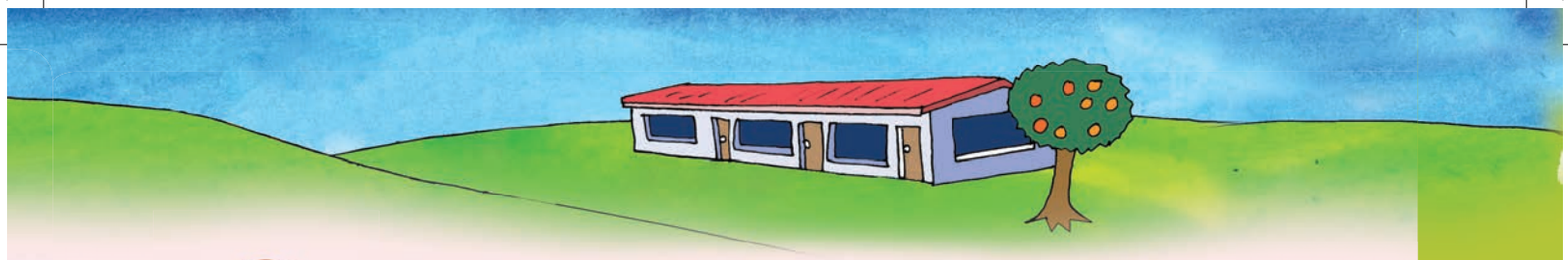
Ṱhangule

Khubvumedzi

Tshimedzi

Ḽara

Nyendavhusiku



Tevhedzelani maḓuvha a vhege.
Khaḽarani tshibuḽoko tshi no sumbedza ḓuvha ḽa ṋamusi.

Musumbuluwo

Ḽavhuvhili

Ḽavhuraru

Ḽavhuṋa

Ḽavhuṱanu

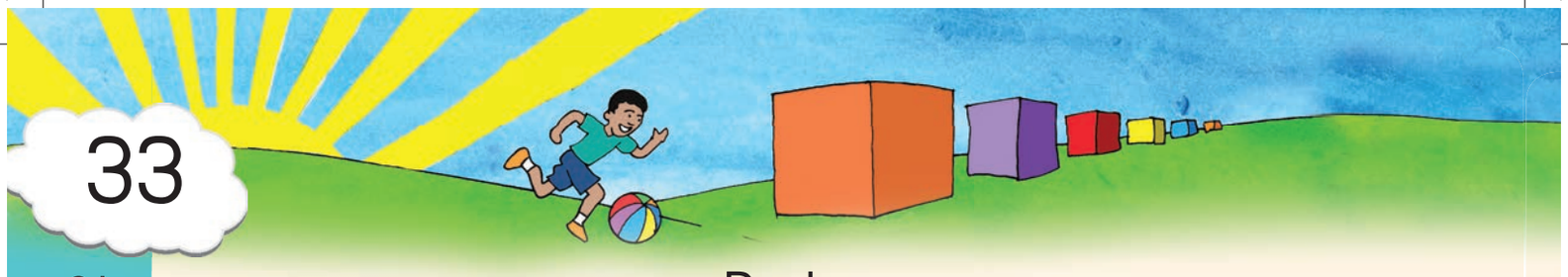
Mugivhela

Swondaha

Teacher:
Sign:

Date:

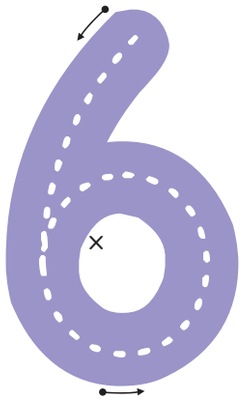
11 12 13 14 15 16 17 18 19 20



Rathi



Olani zwitendeledzi zwa 6 tshibuḽokoni.

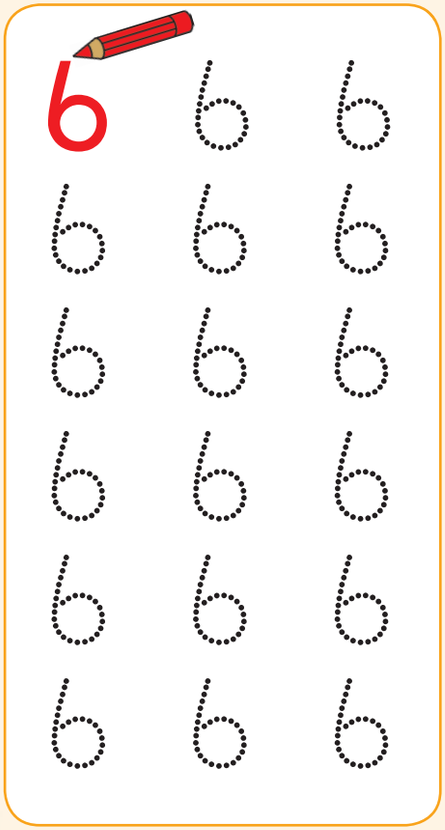


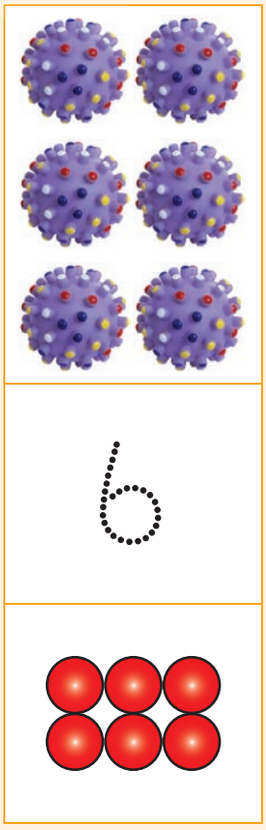


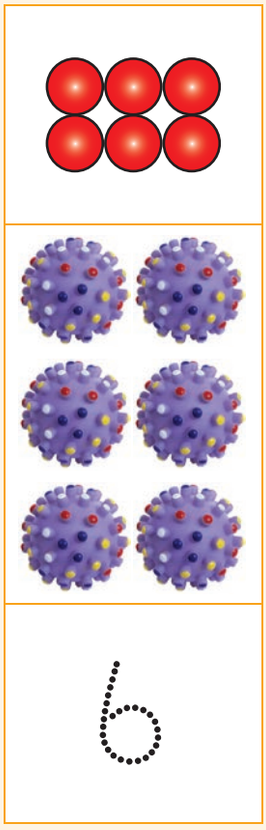
Tovhedzelani nomboro.



Livhanyani zwifanyiso.









Khaḽarani zwitendeledzi zwa rathi.

Kopani ni ole zwiṅwe hafhu zwa rathi.

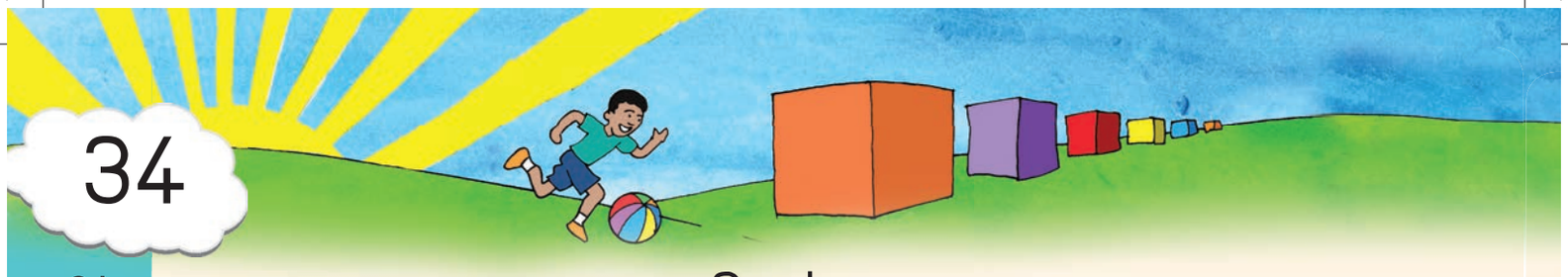
Itani ndowendowe ya nomboro.

6 rathi 6 6 6

Khaḽarani zwitendeledzi ni khou ralo u zwi vhala.

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Sumbe



Olani zwikwea zwa sumbe tshibuḽokoni.



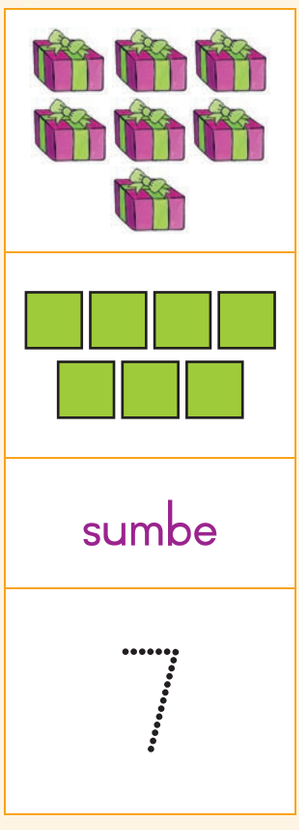


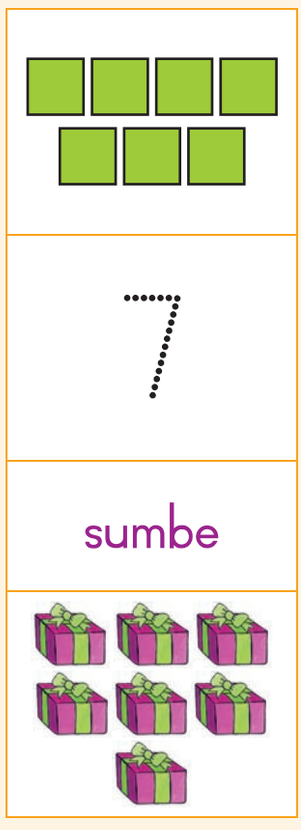
Tovhedzelani nomboro.



Livhanyani zwifanyiso.









Khaḽarani zwikwea zwa sumbe.

Kopani ni ole zwinzhi nga zwiṅwe haf hu zwa sumbe.

Itani ndowendowe ya nomboro.

7

sumbe

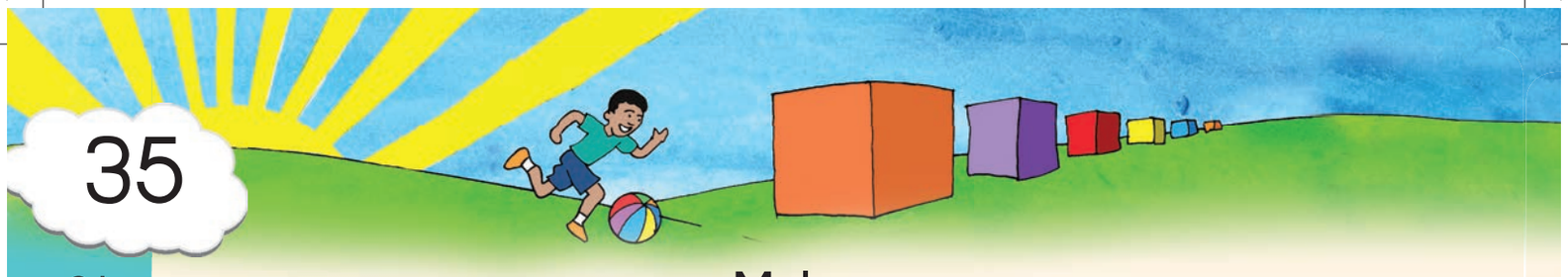
7 7 7 7

Khaḽarani zwikwea ni khou ralo u zwi vhala.

Teacher:
Sign:

Date:

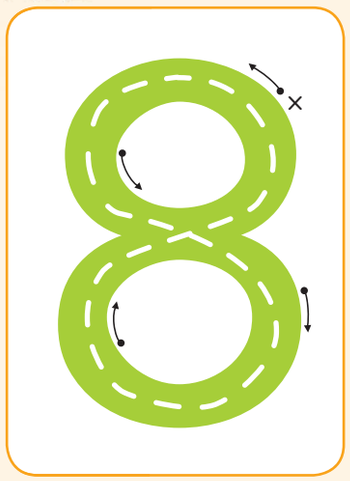
11 12 13 14 15 16 17 18 19 20



Malo



Olani zwivhumbeo zwa malo tshibuḽokoni.

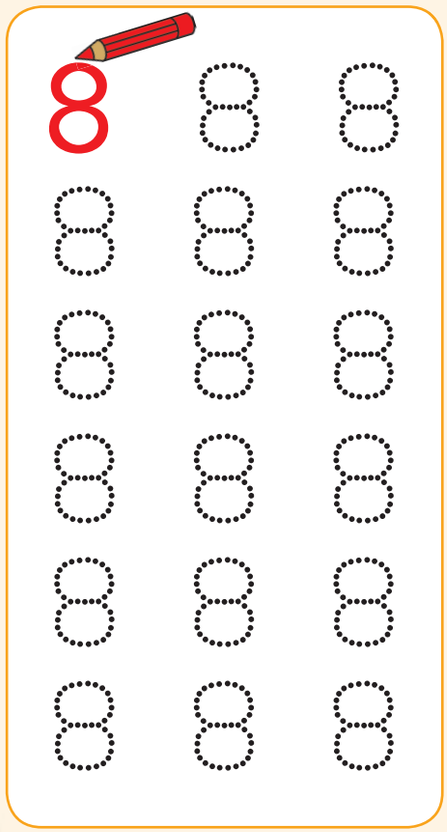


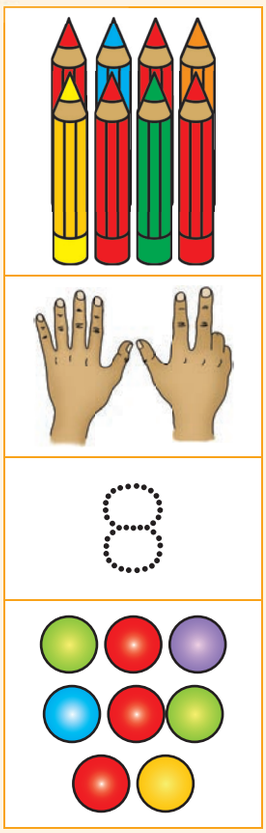


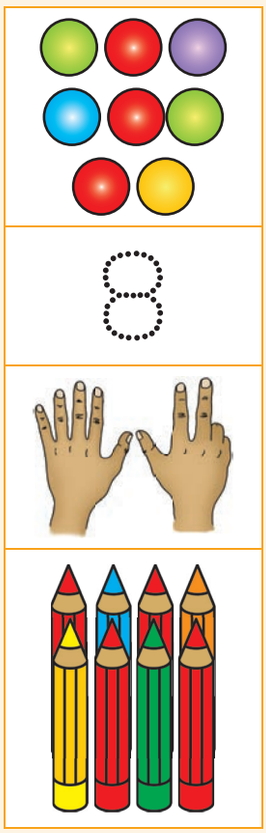
Tovhedzelani nomboro.

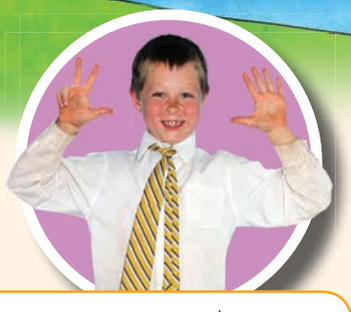


Livhanyani zwifanyiso.









Khaḽarani ṋaledzi dza malo.

Kopani ni ole zwiṅwe hafhu zwa malo.

●	● ○ ○ ○ ○ ○ ○ ○ ○
★ ★	
■ ■ ■	
● ● ● ●	

Itani ṋdowenḍowe ya nomboro.

8

malo

8 8 8 8

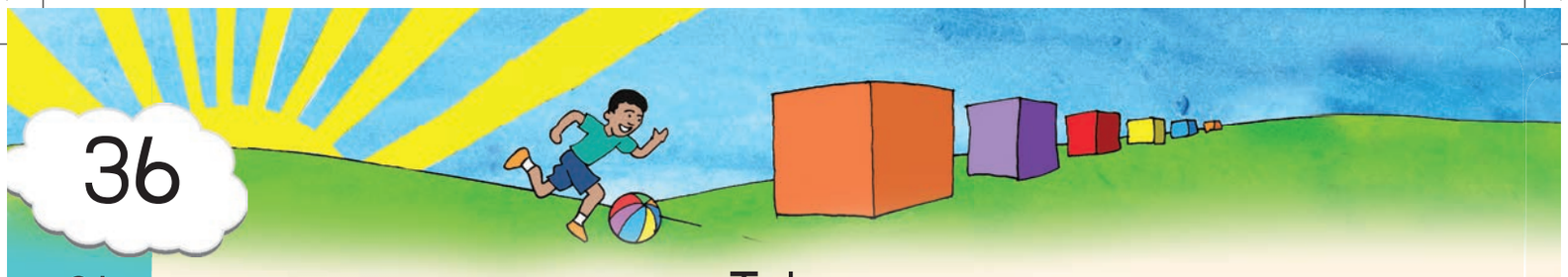
7

Khaḽarani zwitendeledzi ni khou ralo u zwi vhala.

● ○ ○ ○ ○ ○ ○ ○ ○ ○

Teacher:
Sign:
Date:

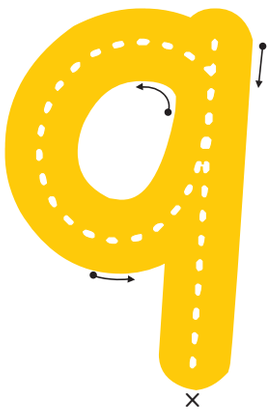
11 12 13 14 15 16 17 18 19 20



Ṱahe



Olani mbilu dza ṱahe tshibuḽokoni.

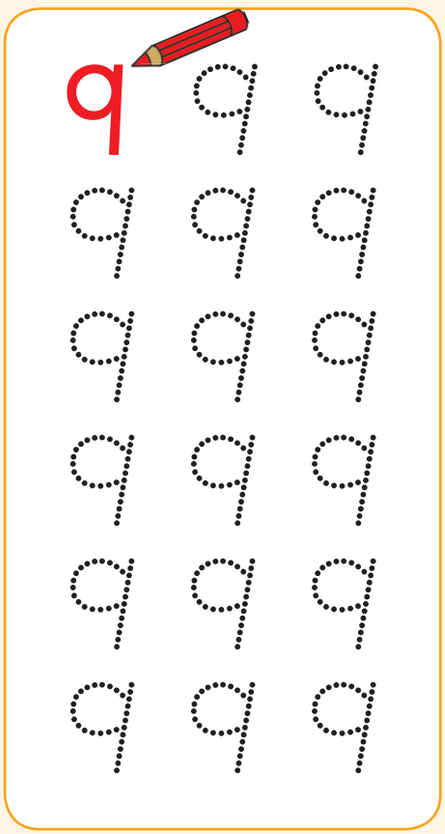


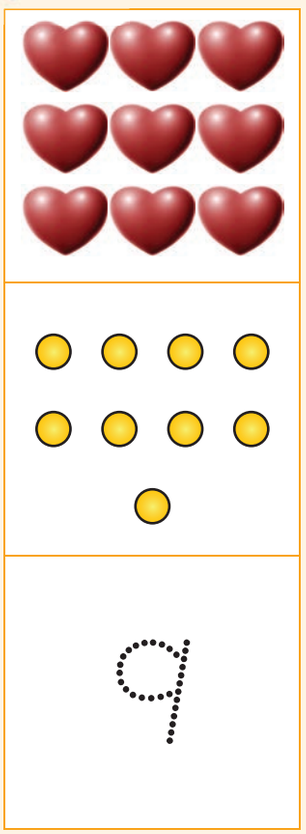


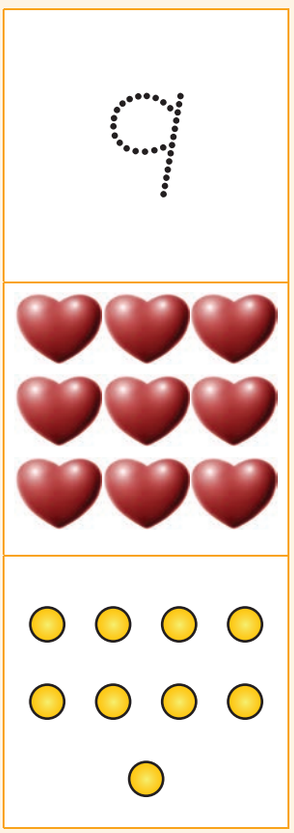
Tovhedzelani nomboro.



Livhanyani zwifanyiso.









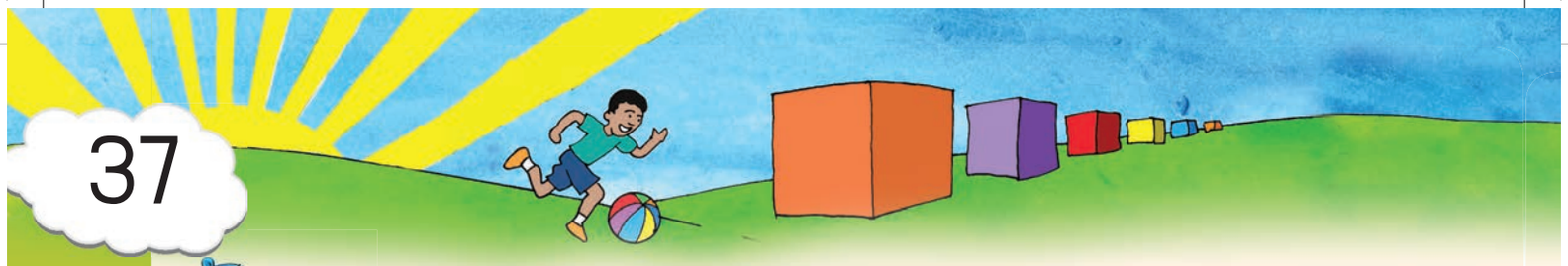
Khaḽarani mabaḽoni a ṱahe.

Kopani ni ole zwiṅwe hafhu zwa ṱahe.

Itani ndowendowe ya nomboro.

ṱahe

Khaḽarani thiraingele ni khou ralo u dzi vhala.



Zwo ḓala kana a hu na tshithu

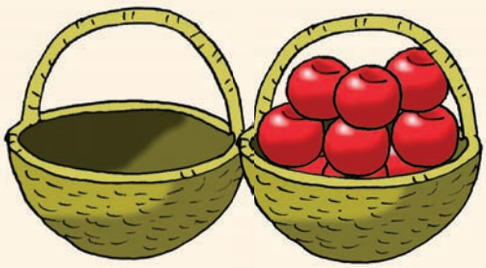
Khaḽarani phindulo i re yone.
Zwifaredzi zwo ḓala kana a zwi na tshithu?



a tshi na tshithu | tsho ḓala



a tshi na tshithu | tsho ḓala



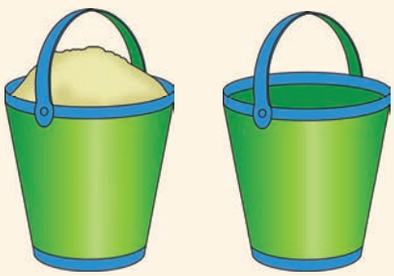
a tshi na tshithu | tsho ḓala

a tshi na tshithu | tsho ḓala



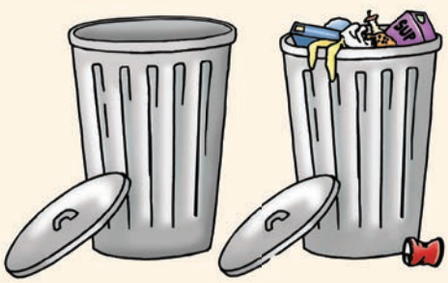
a tshi na tshithu | tsho ḓala

a tshi na tshithu | tsho ḓala



a tshi na tshithu | tsho ḓala

a tshi na tshithu | tsho ḓala



a tshi na tshithu | tsho ḓala

a tshi na tshithu | tsho ḓala



a tshi na tshithu | tsho ḓala

a tshi na tshithu | tsho ḓala

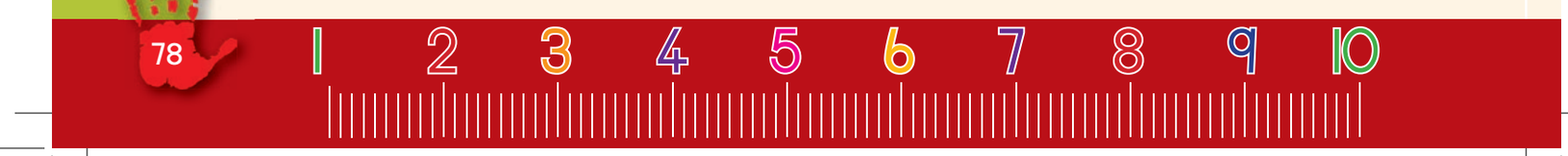
zwo ḓala	a zwi na tshithu



a tshi na tshithu | tsho ḓala



a tshi na tshithu | tsho ḓala





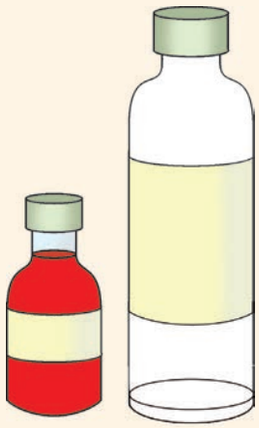
Khaḽarani phindulo i re yone.
Zwifaredzi zwo ḓala kana a zwi na tshithu?

a hu na tshithu	ḓala



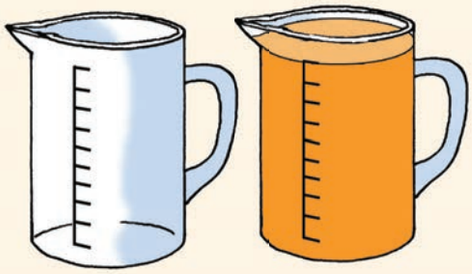
a hu na tshithu	ḓala

a hu na tshithu	ḓala



a hu na tshithu	ḓala

a hu na tshithu	ḓala



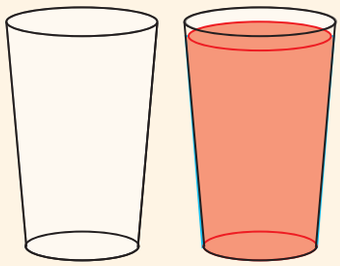
a hu na tshithu	ḓala

a hu na tshithu	ḓala



a hu na tshithu	ḓala

a hu na tshithu	ḓala

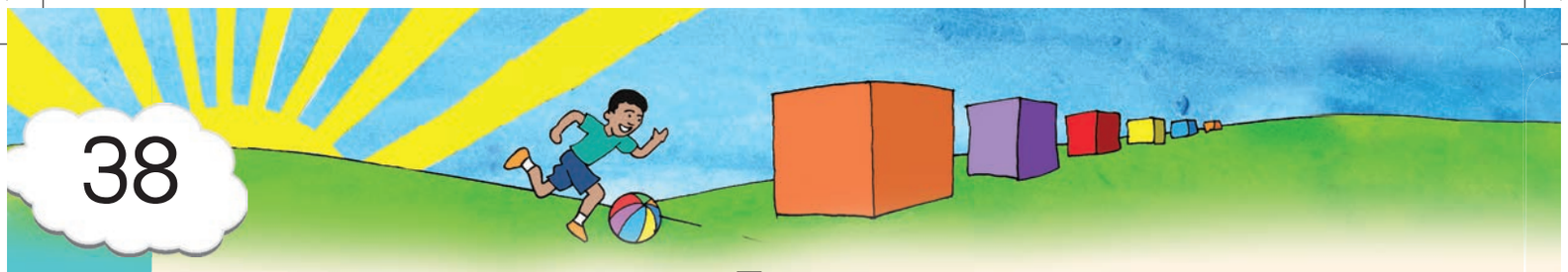


a hu na tshithu	ḓala

a hu na tshithu	ḓala

Teacher:
Sign:

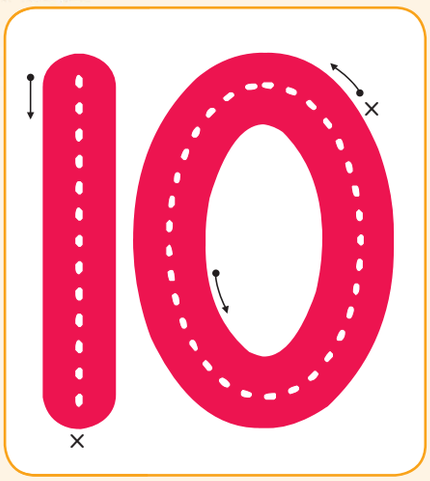
Date:

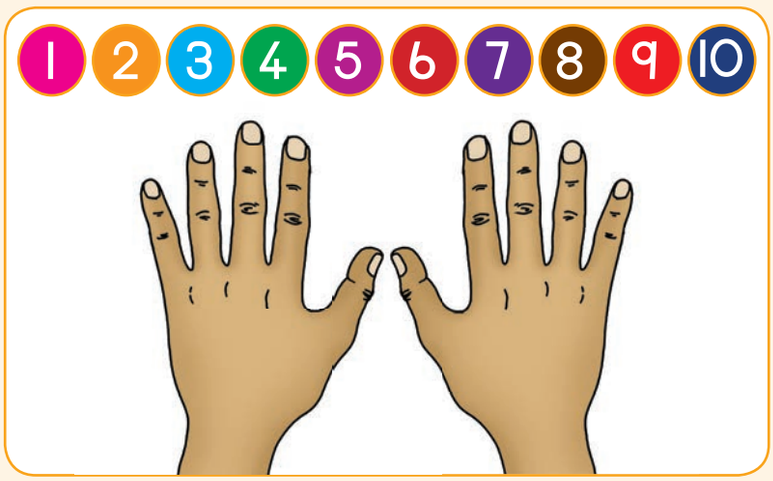


Fumi



Vhalani minwe i re kha zwanḓa vhuvhili hazwo.



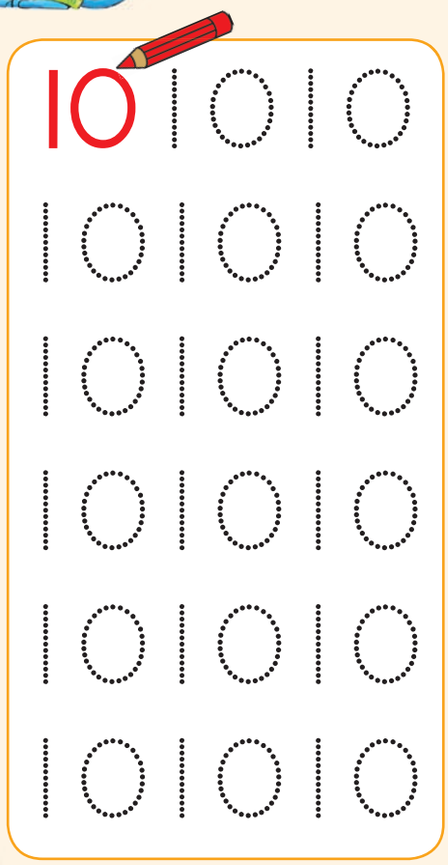


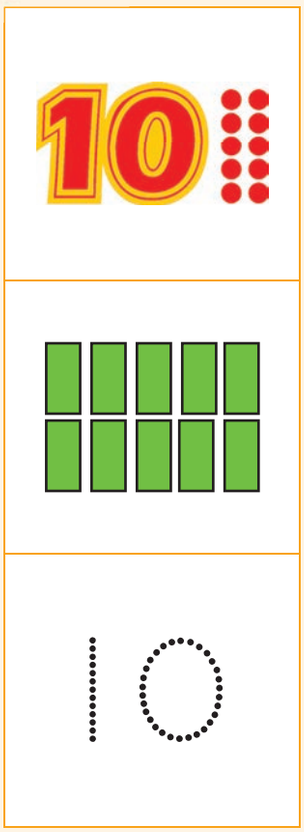


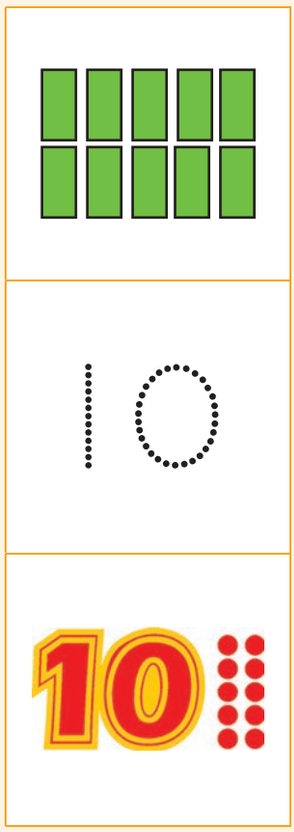
Tovhedzelani nomboro.



Livhanyani zwifanyiso.

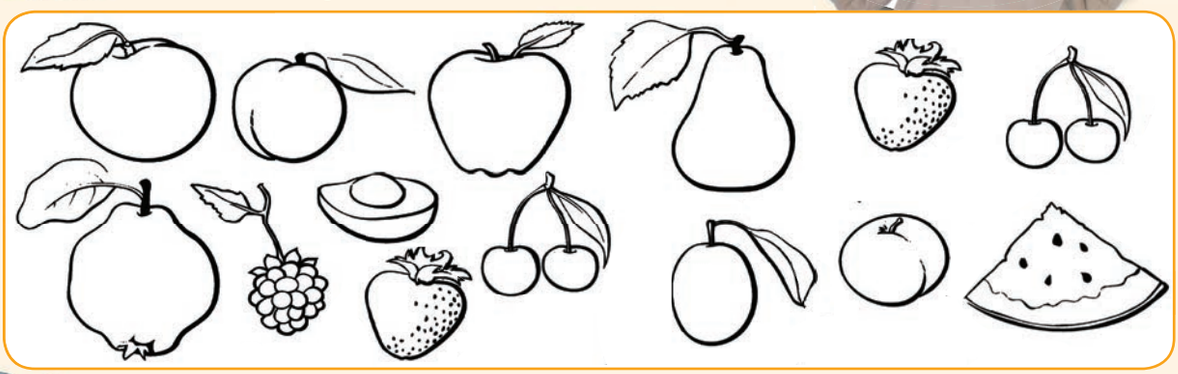




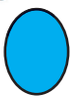




Khaḽarani mitshelo ya zwa fumi.



Kopani ni ole zwi zwinzhi nga zwa fumi.

Itani ndowendowe ya nomboro.

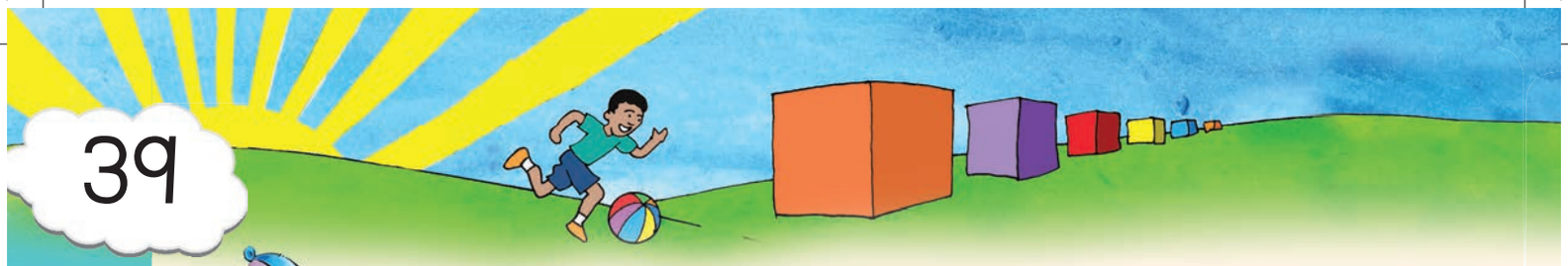
10 fumi 10 10 10

Khaḽarani rekithiengele ni khou ralo u dzi vhala.



11 12 13 14 15 16 17 18 19 20

Teacher:
Sign:
Date:





Nomboro I u swika kha 10

Shumisani minwe yaṋu kha u vhumba nomboro dzi tevhelaho. Ni kone u ṅwalulula nomboro idzi.

	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 nḓonḓowe ya u ṅwala nomboro idzi.



6 rathi 6 6 6 6



7 sumbe 7 7



8 malo 8 8



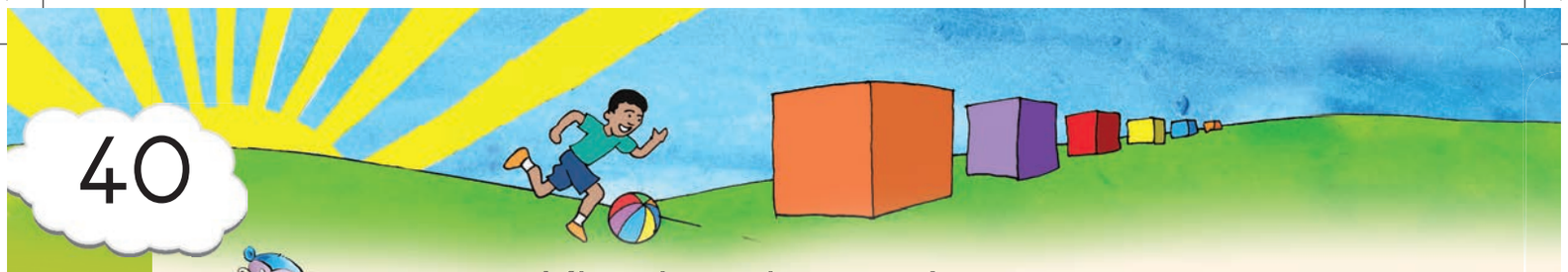
9 ṱahe 9 9



10 fumi 10 10

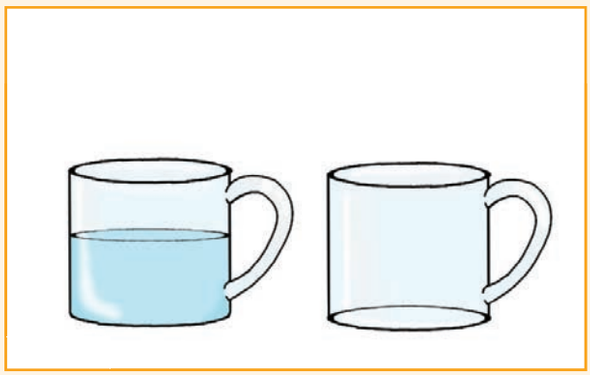
Teacher:
Sign:
Date:

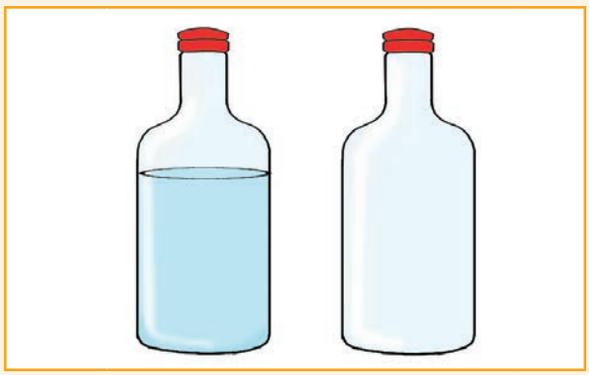
11 12 13 14 15 16 17 18 19 20



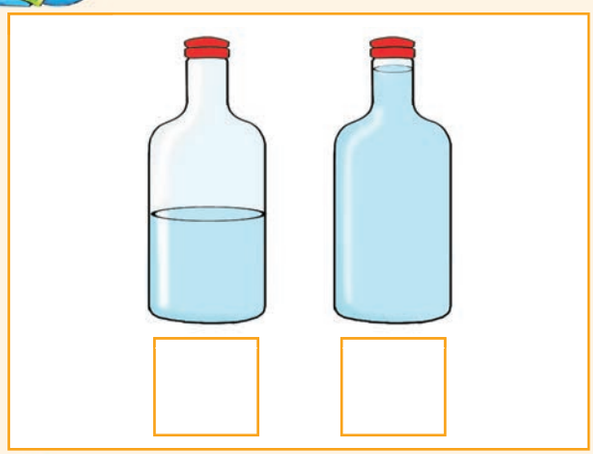
Khaphasithi na voḽumu

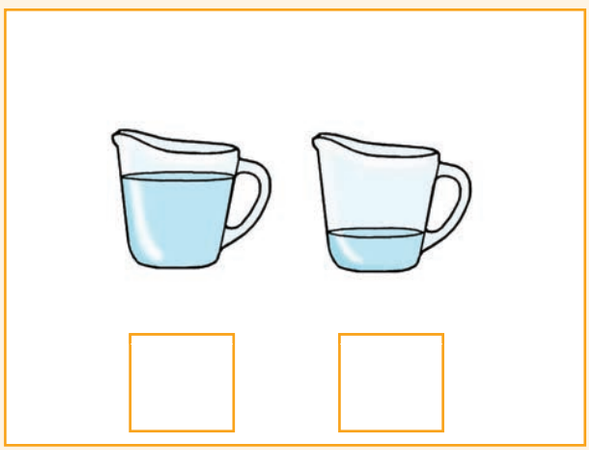
1 Olani ni tshi sumbedza maḓi manzhi kha tshifaredzi tshi re kha tshanḓa tsha u ḽa.



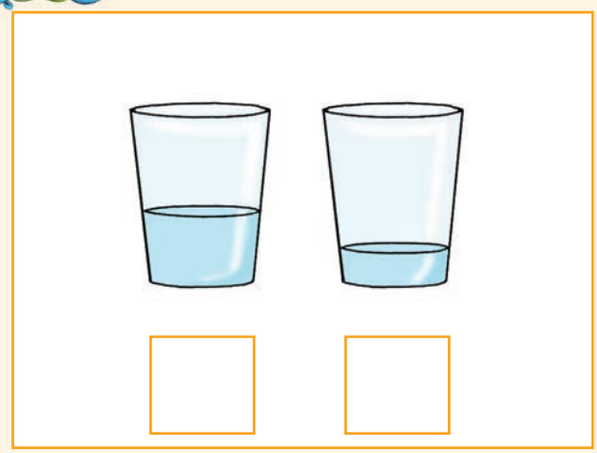


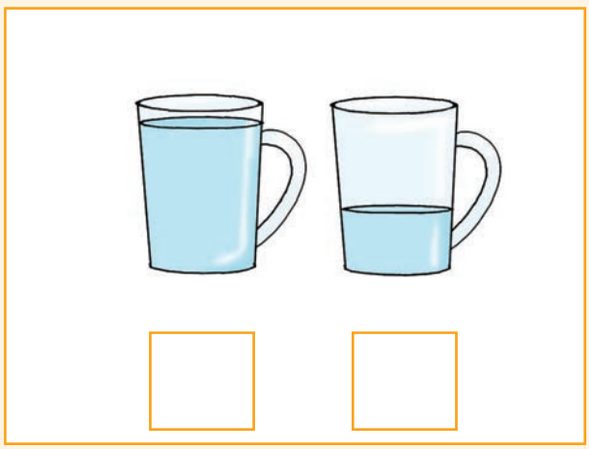
2 Itani thiki kha tshifaredzi tshi no fara zwinzhi.

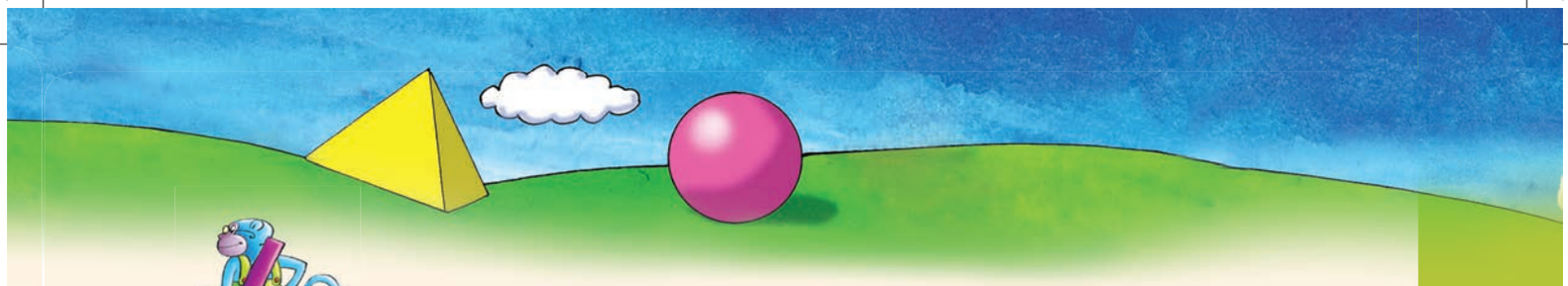




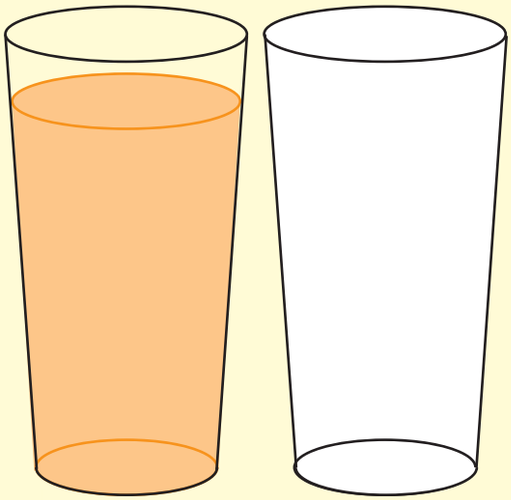
3 Itani thiki kha tshifaredzi dzi no fara zwiṱuku.



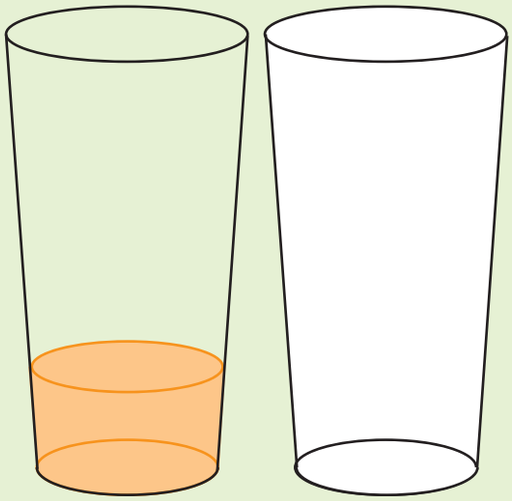




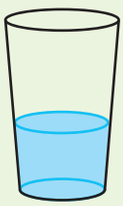
Khaḽarani ngilasi ya vhuvhili u itela uri i vhe na dzusi ṱhukhu kha i re ngilasini ya u thoma.



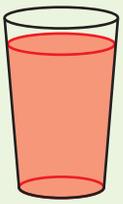
Khaḽarani ngilasi ya vhuvhili u itela uri i vhe na dzusi nnzhi kha i re ngilasini ya u thoma.

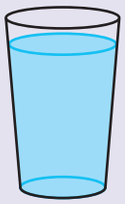


Tangedzelani zwinzhi kha, zwiṱuku kha kana zwi no lingana na.

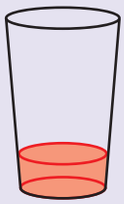


Ngilasi ya lutombo i na | zwinzhi kha | zwiṱuku kha | zwi no lingana na | zwa ngilasi tswuku.





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.

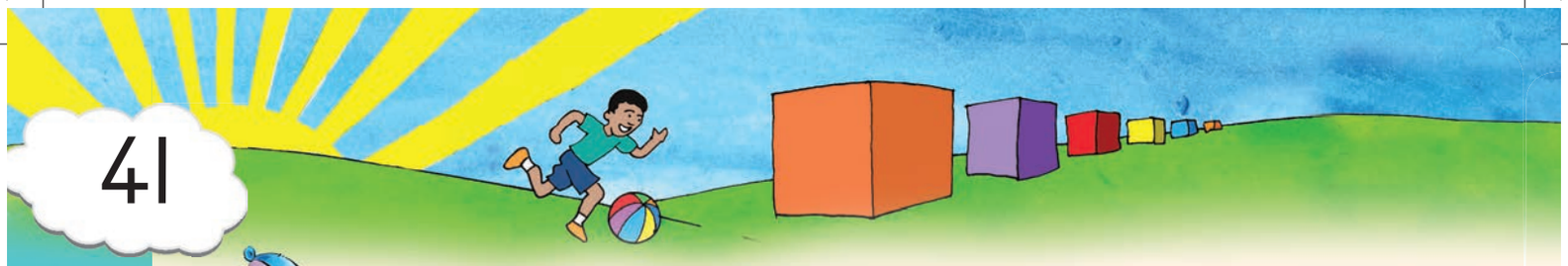


zwinzhi kha

zwiṱuku kha

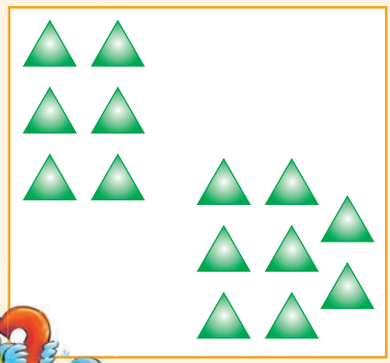
Teacher:
Sign:

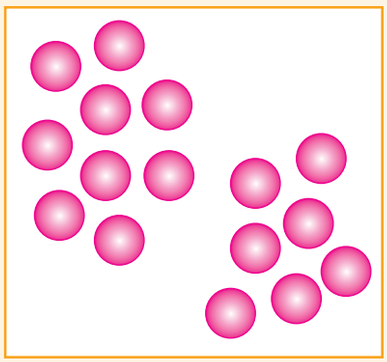
Date:

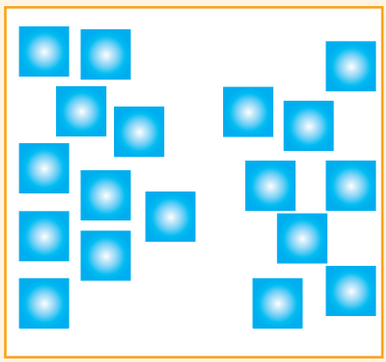


Nomboro I u swika kha 10

Tshibuḽokoni tshiṅwe na tshiṅwe, tangedzelani tshigwada tshi re na zwivhumbeo zwiṱuku.

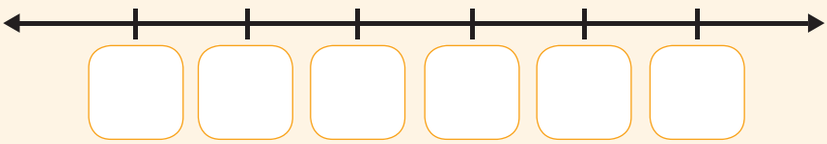




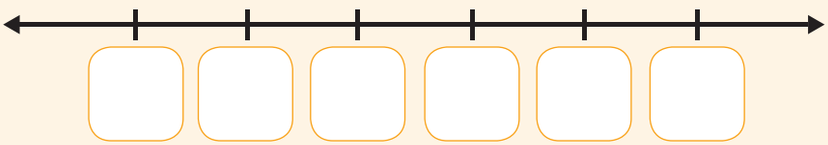


Ṅwalani nomboro u thoma kha ṱhukhusa u ya kha khulwanesa dzi kha mutalombalo.

2 4 3 6 1 5



1 6 8 7 9 5



Khaḽarani nomboro ṱhukhusa nga muvhala mudala na khulwanesa nga muvhala wa tshitopane.

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

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

Nnzhi kha 5 nga **nthihi**. ☐ Ṱhukhu kha 5 nga **nthihi**. ☐

Nnzhi kha 6 nga **mbili**. ☐ Ṱhukhu kha 7 nga **mbili**. ☐

Mutalo wa malungu

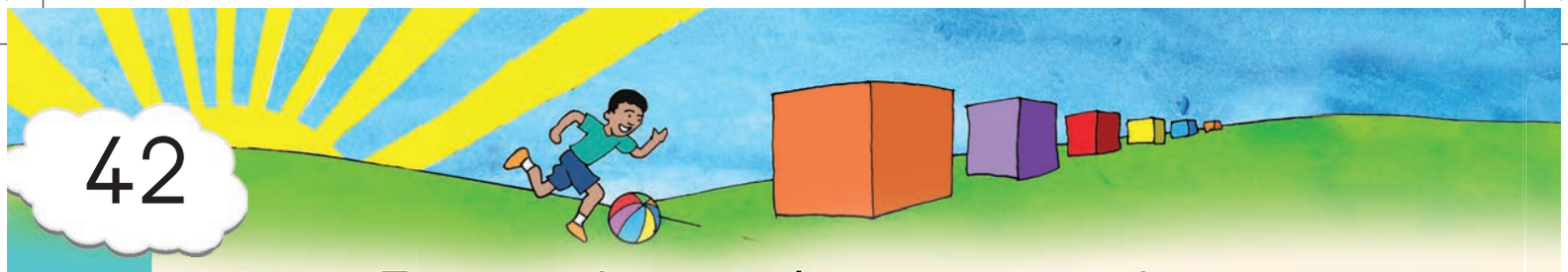
Dzhenisani nomboro i no khou ṱahela.

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:
Sign:

Date:

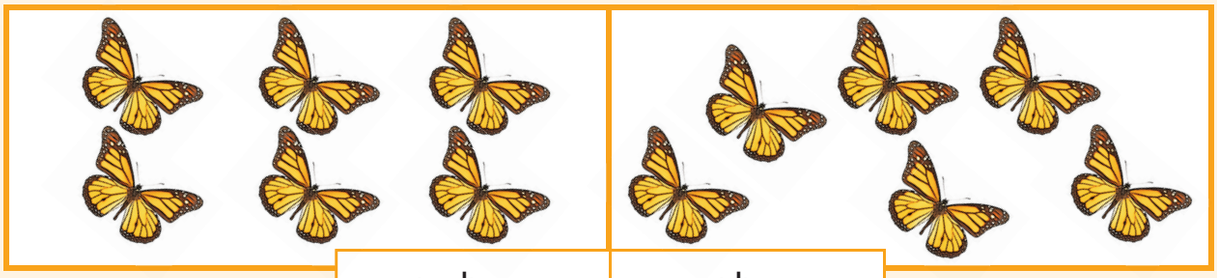
11 12 13 14 15 16 17 18 19 20



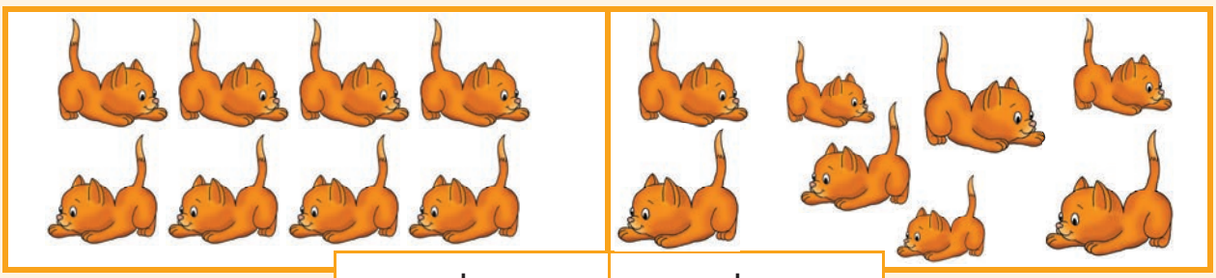


Zwi no paḓa, zwi no lingana na zwiṱuku

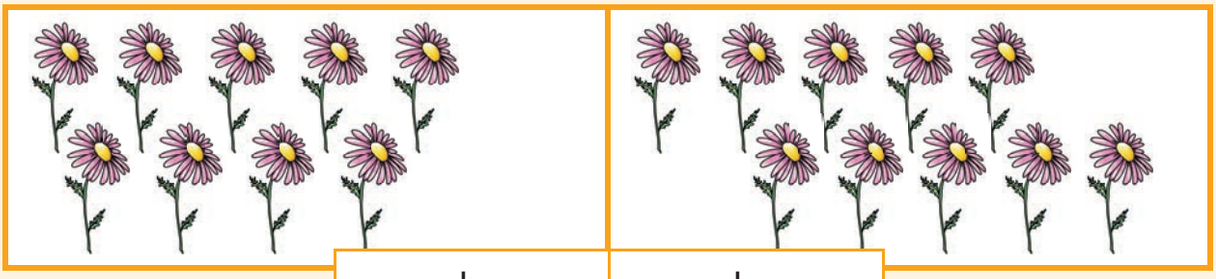
Livhanyani zwithu zwi re kha tsha monde na zwithu zwi re kha tsha u ḽa.
Khaḽarani phindulo yone.



zwi a lingana | a zwi lingana



zwi a lingana | a zwi lingana

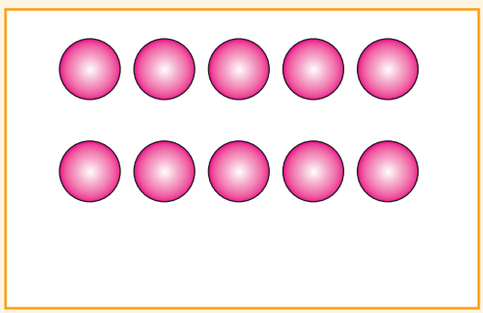


zwi a lingana | a zwi lingana



zwi a lingana | a zwi lingana

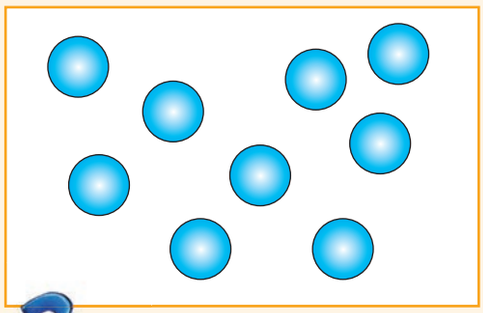
Bulani uri tshibuḽoko tsha vhuvhili tshi na zwithu zwinzhi kha, zwiṱuku kha, kana zwi no lingana na zwa tshibuḽoko tsha u thoma. Khaḽarani phindulo yone.



zwinzhi

zwi no lingana

zwiṱuku



zwinzhi

zwi no lingana

zwiṱuku

Livhanyani zwithu na nomboro.

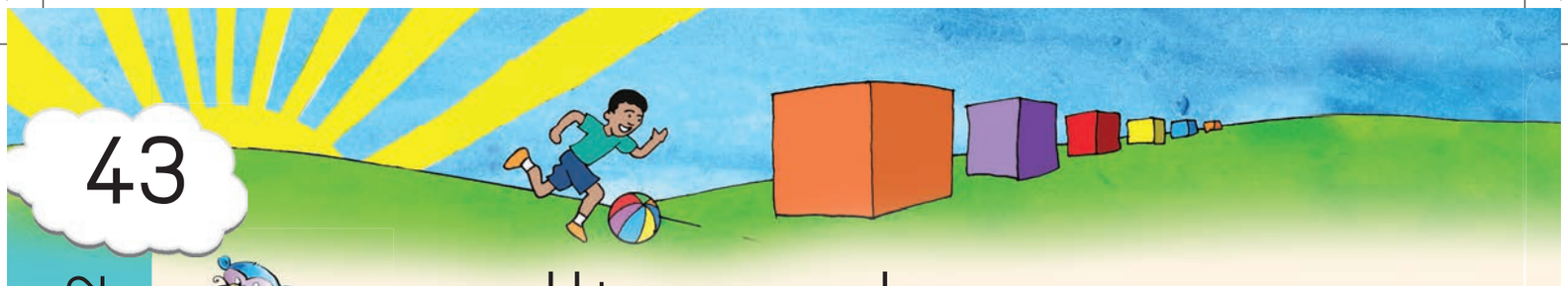
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

43



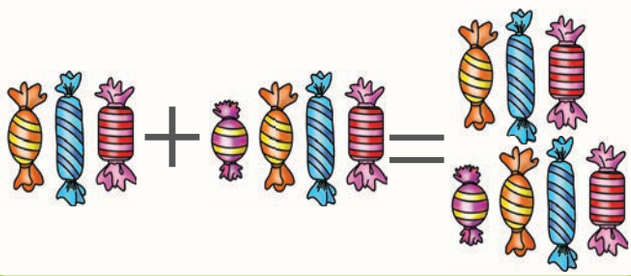
U ṱanganya maḽegere



Ṱanganyani maḽegere ni dzhenise phindulo.



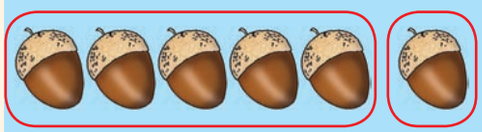
2 + 3 = 5



3 + 4 = ...



Ṱanganyani nomboro.



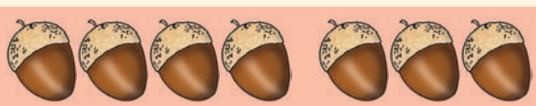
5 + 1 = 6



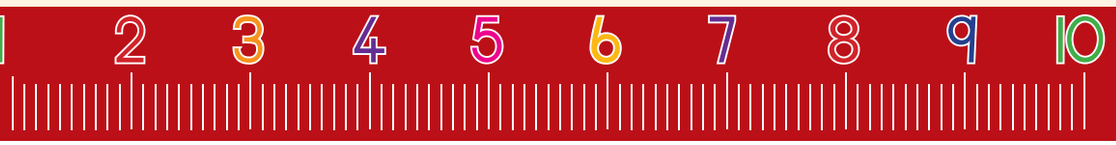
5 + 0 = ...



3 + 2 = ...



4 + 3 = ...





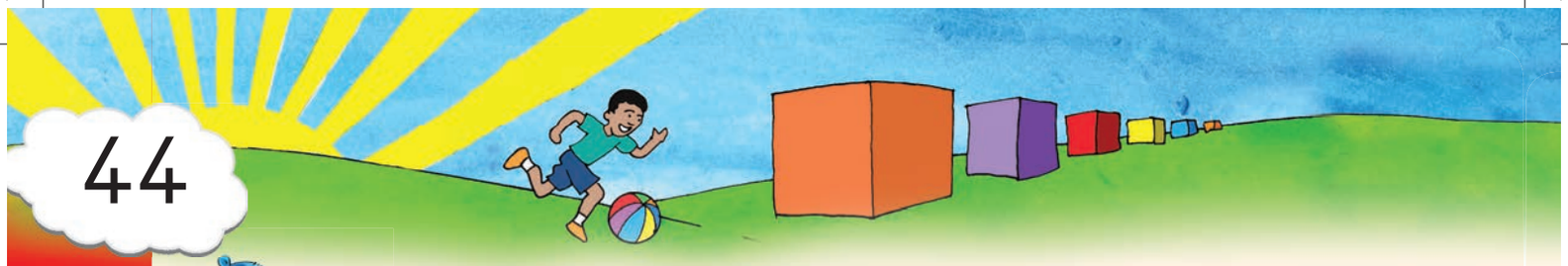
Edzisani hezwi.

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 =	

Teacher:
Sign:

Date:

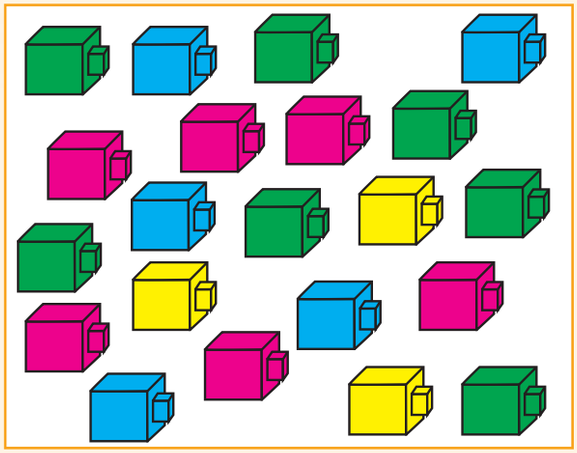
11 12 13 14 15 16 17 18 19 20

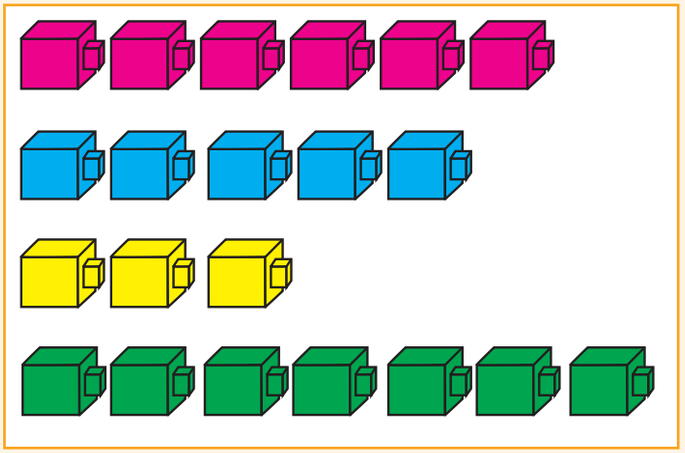


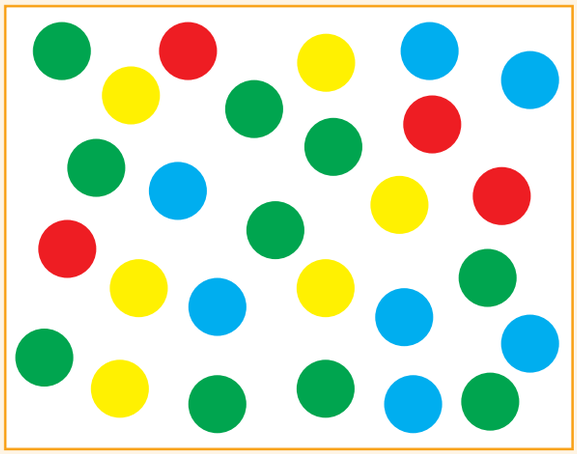


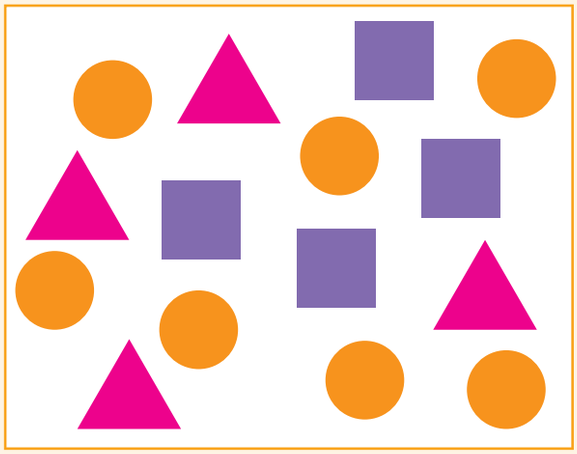
U kuvhanganya na u vhekanya

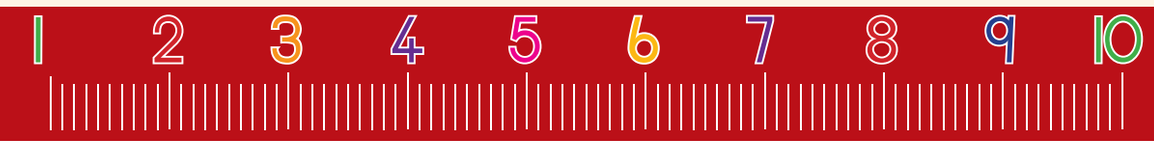
Vhekanyani ni ole miolo ya zwo kuvhanganywaho zwe zwa vhekanywa.



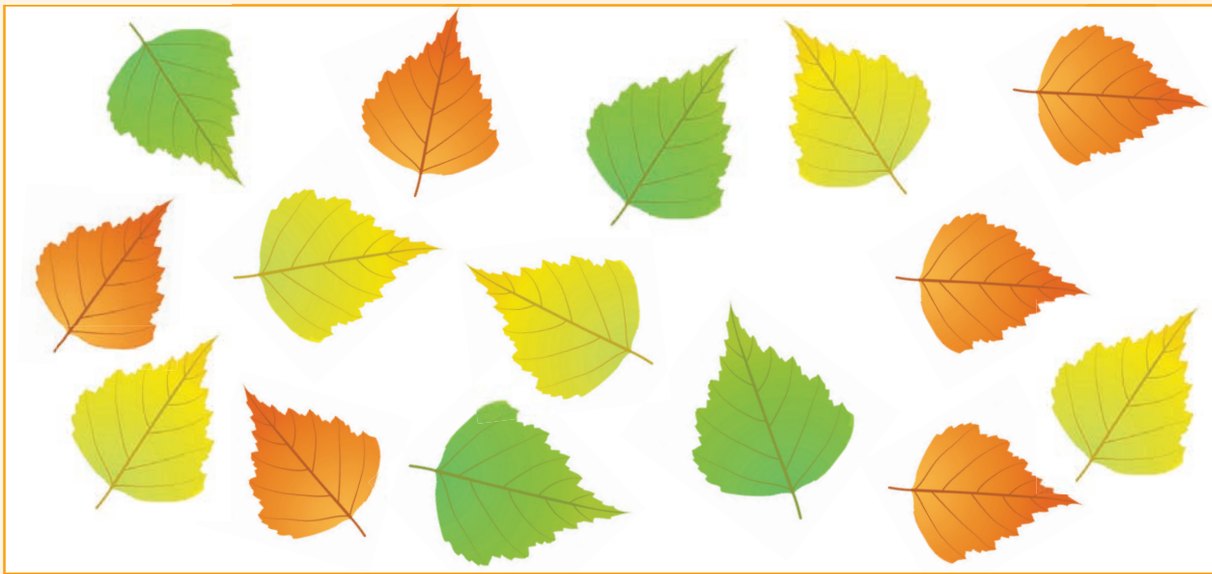








Vhekanyani maṱari a tevhelaho nga u a ola a na mivhala yo fhambananaho.



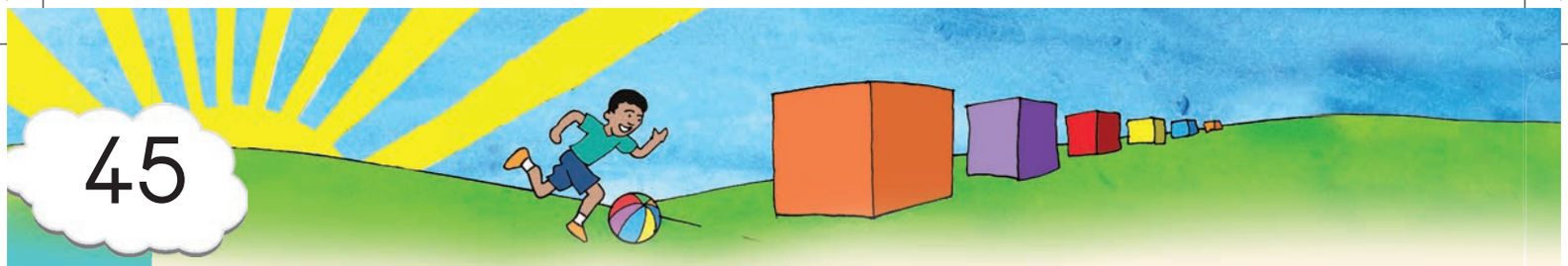
Hu na maṱari mangana a muṱaḓa?	
Hu na maṱari mangana a tshitopana?	
Hu na maṱari mangana madala?	



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

45



U ṱanganya u swika kha 10: u vhala ri tshi ya phanḓa



Olani tshifanyiso ni ṅwale fhungombalo ḽa tshifanyiso tshiṅwe na tshiṅwe.

Sarah u na maḽegere a 3. Sipho u na maḽegere a 2. Vha na maḽegere mangana o ṱangana oṱhe?



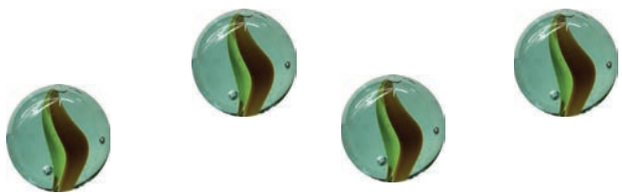


Kha ri vhale:

3	4	5

	+		=	

Ndi na mimavhuḽu ya 4 nda dovha nda wina miṅwe ya 3. Ndi na mimavhuḽu mingana?



Kha ri vhale:

4	5	6	7

	+		=	

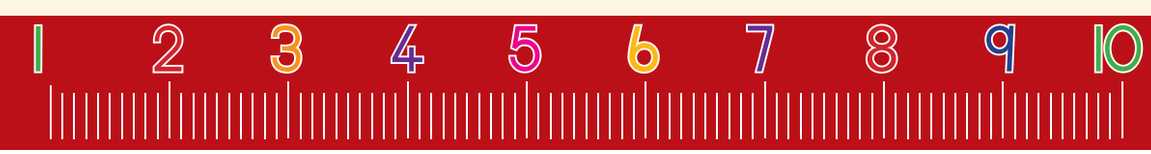
Hu na zwisusu zwiṱanu (zwa 5). Ha mbo swika zwiṅwe zwivhili. Hu na zwisusu zwingana?



Kha ri vhale:

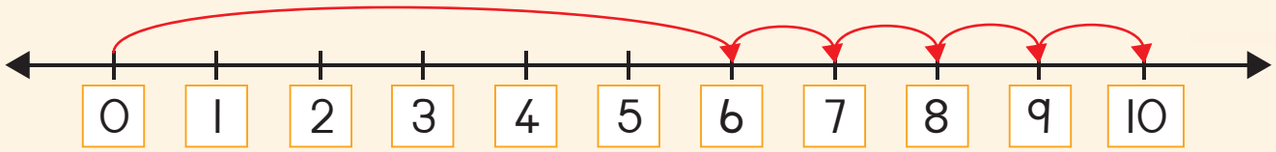
5	6	7		

	-		=	

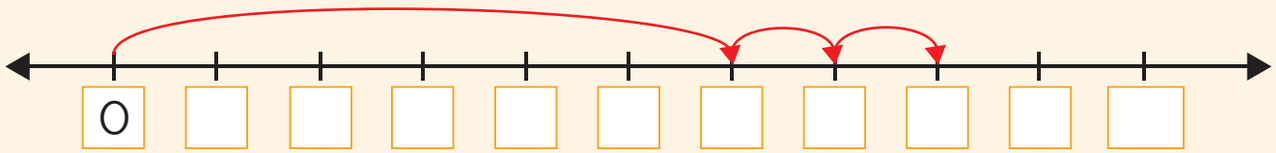




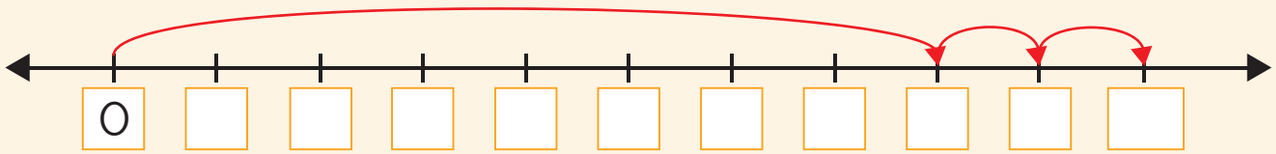
Ṅwalani nomboro kha mutalombalo ni kone u ṅwala f'hungombalo ḽa mutalombalo muṅwe na muṅwe.



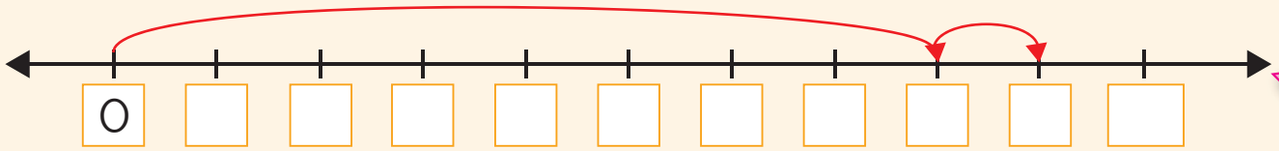
6 + 4 = ☐



☐ + ☐ = ☐



☐ + ☐ = ☐

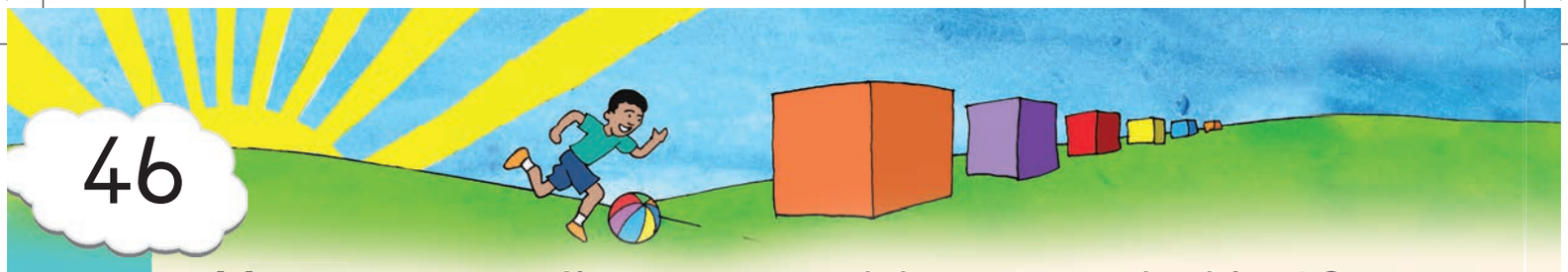


☐ + ☐ = ☐

Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

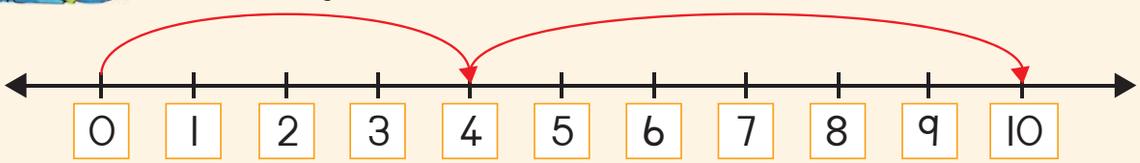


Muṱanganyo: u fhaṱa na u paḓukanya u swika kha 10

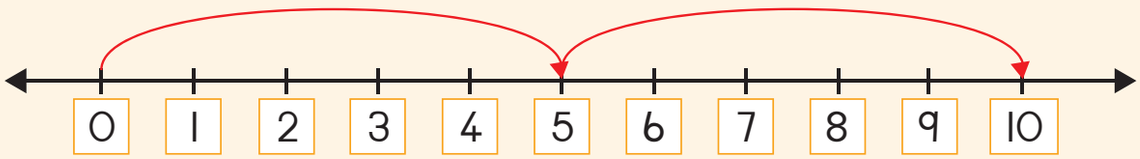
Khaḽarani ni tshi sumbedza zwi tevhelaho.

1 + 9	● ● ● ● ● ● ● ● ● ●
2 + 8	○ ○ ○ ○ ○ ○ ○ ○ ○ ○
3 + 7	○ ○ ○ ○ ○ ○ ○ ○ ○ ○
4 + 6	○ ○ ○ ○ ○ ○ ○ ○ ○ ○
5 + 5	○ ○ ○ ○ ○ ○ ○ ○ ○ ○

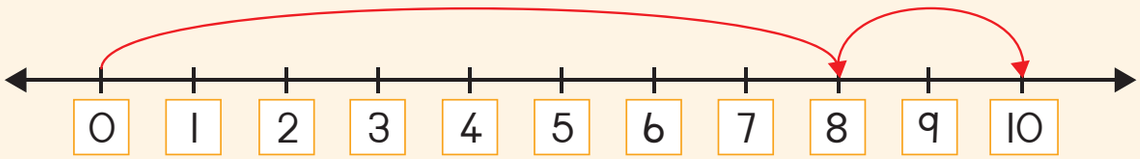
Ṅwalani mbalo ya:



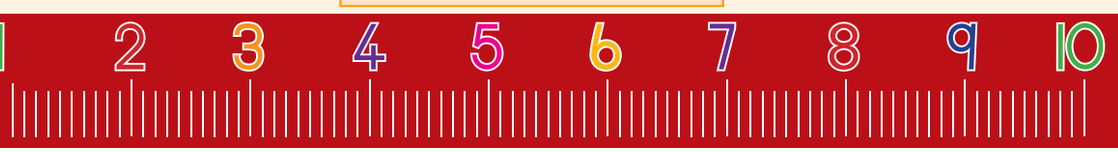
4 + 6 = ☐



☐ + ☐ = ☐



☐ + ☐ = ☐



Shumisani zwivhalo zwa maluvha kha u vhumba mutalombalo waṉu inwi muṉe.



__ + __ + __ = __



__ + __ + __ = __

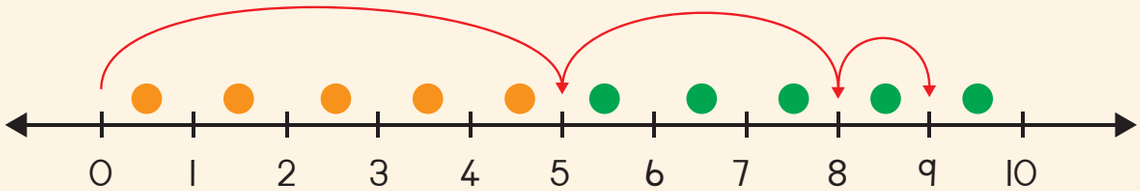


__ + __ + __ = __

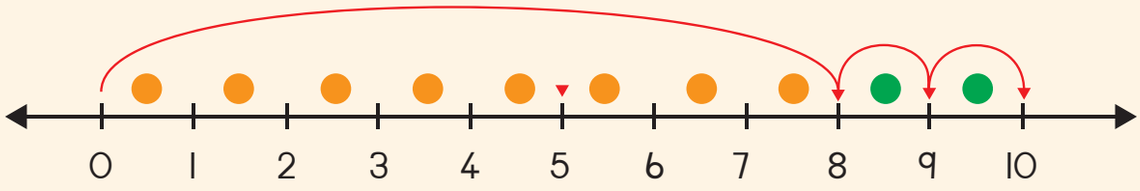


__ + __ + __ = __

Ṅwalani mbalo ya:



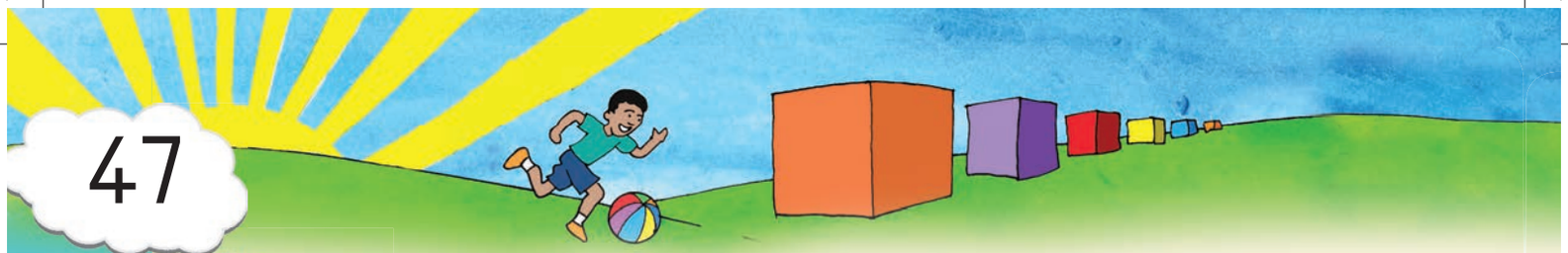
__ + __ + __ = __



__ + __ + __ = __

Teacher:
Sign:

Date:



U inga kavhili na u hafula

Fhindulani zwi tevhelaho.

Ni kona u vhona vhasidzana vhangana?



Ni kona u vhona vhasidzana vhangana?



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

Ni kona u vhona milenzhe mingana?



Ni kona u vhona milenzhe mingana zwino?



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

Ni kona u vhona milinga mingana?



Ni kona u vhona milinga mingana zwino?



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

Ni kona u vhona milenzhe mingana?



Ni kona u vhona milenzhe mingana zwino?

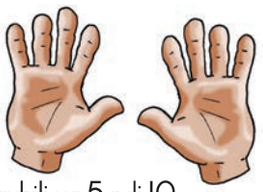


Ri ri nyingakavhili ya 4 ndi 8.
Hafu ya 8 i ḓo vha mini?

Ni kona u vhona minwe mingana?



Ni kona u vhona minwe mingana zwino?

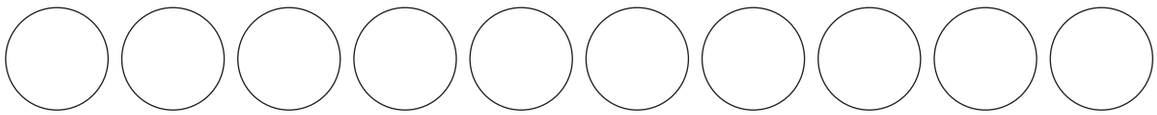


Ri ri nyingakavhili ya 5 ndi 10.
Hafu ya 10 i ḓo vha mini?



Tandululani zwi tevhelaho nga u khaḽara. Ṅwalani mbalo.

Ndi na mimavhuḽu ya 4 ngeno khonani yanga e na ya 4. Ri na mimavhuḽu mingana yo ṱangana yoṱhe? Khaḽarani nomboro yone ya mimavhuḽu.



___ + ___ = ___



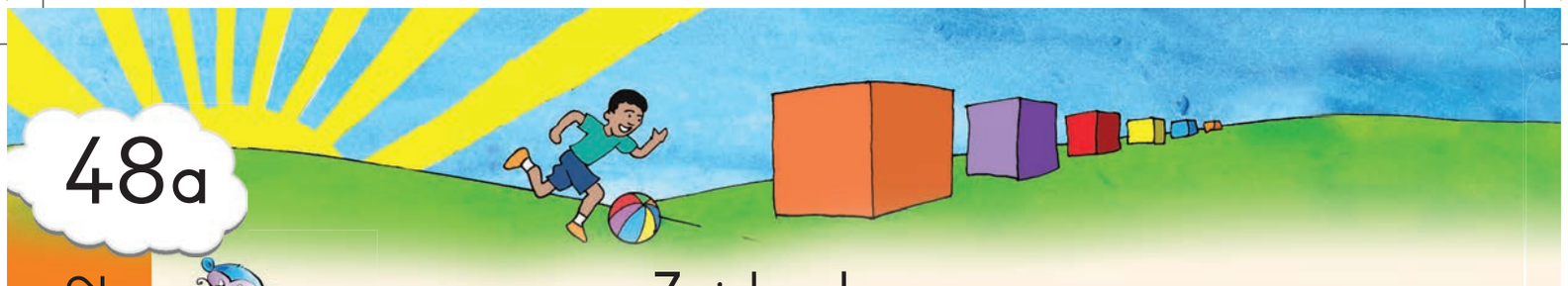
Fhindulani zwi tevhelaho.

Nyingakavhili ya 1 ndi		Nyingakavhili ya 2 ndi	
Nyingakavhili ya 4 ndi		Nyingakavhili ya 5 ndi	
Hafu ya 2 ndi		Hafu ya 4 ndi	
Hafu ya 8 ndi		Hafu ya 10 ndi	
Nyingakavhili ya 3 ndi		Hafu ya 6 ndi	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

48a

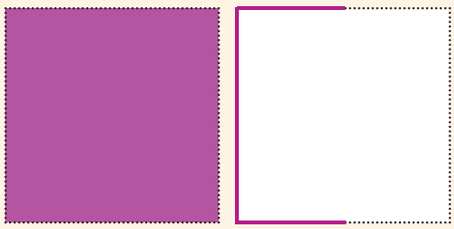


Zwivhumbeo

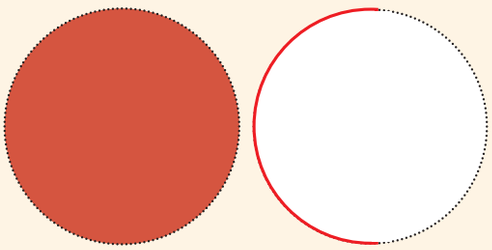


Fhedzisani zwifanyiso izwi.

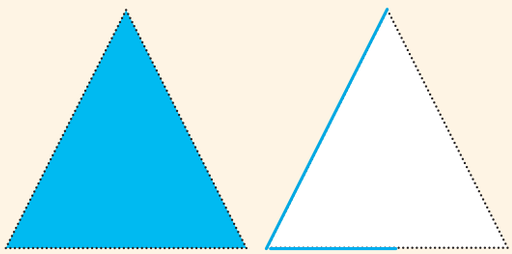
tshikwea



tshitendeledzi



thiraiengele

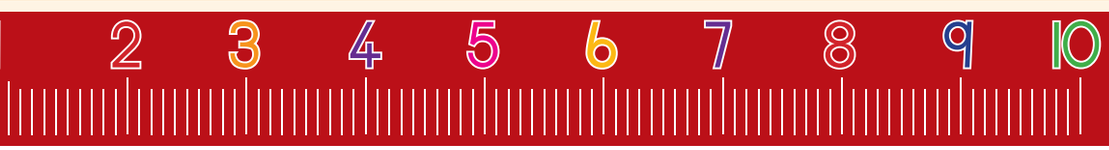


rekithiengele



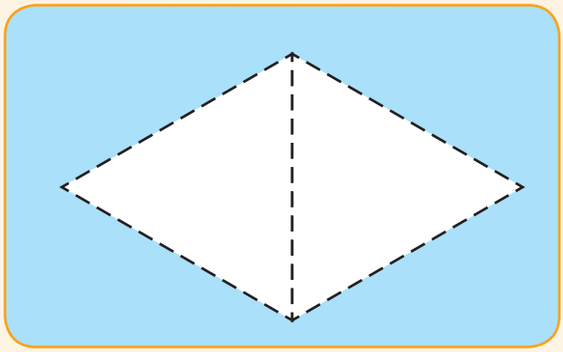


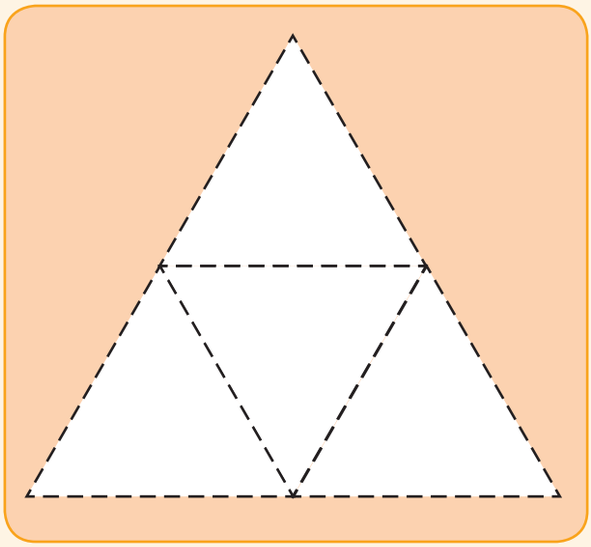
Shumisani zwivhumbeo zwiṅa zwi re afho nṱha kha u ola tshifanyiso. Ni nga shumisa zwivhumbeo lu no fhira luthihi.

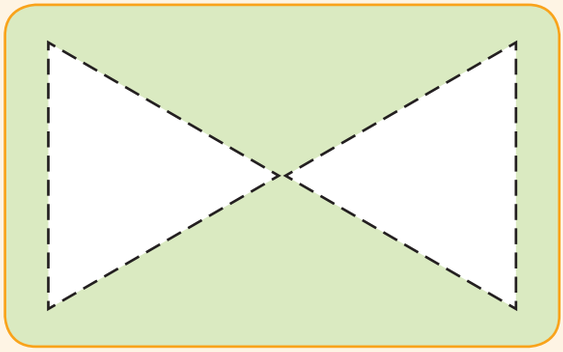


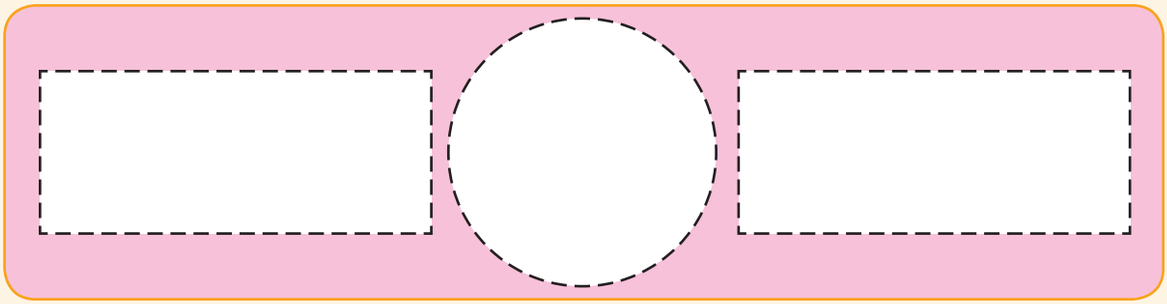


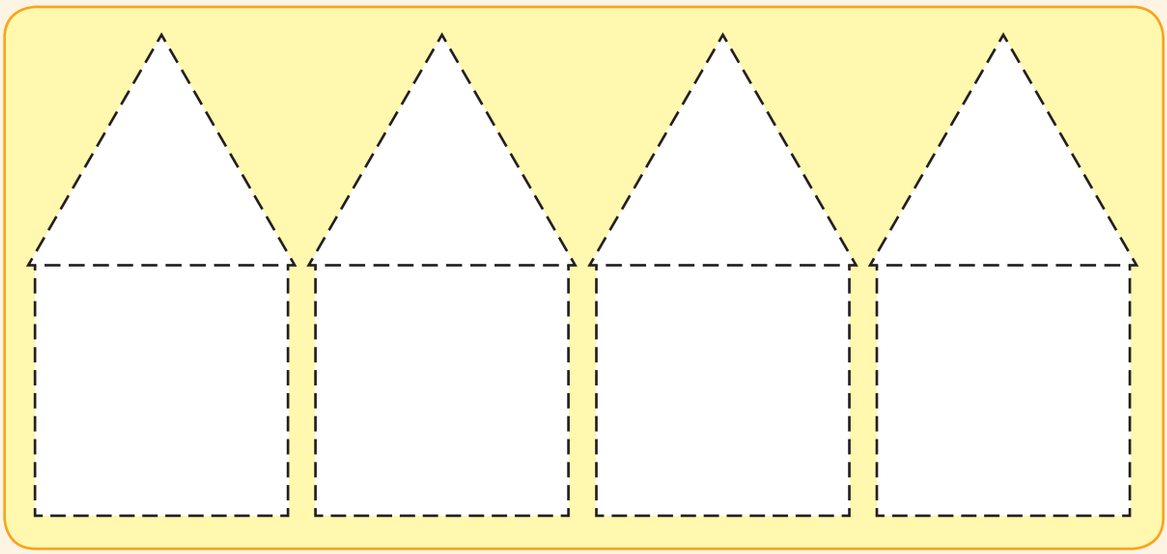
Shumisani zwivhumbeo zwa u gera kha u vhumba zwivhumbeo izwi.





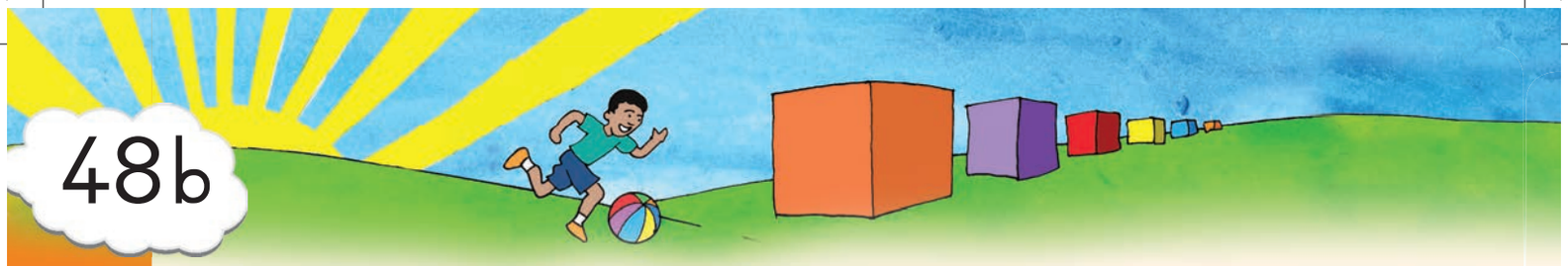






Teacher:
Sign:

Date:

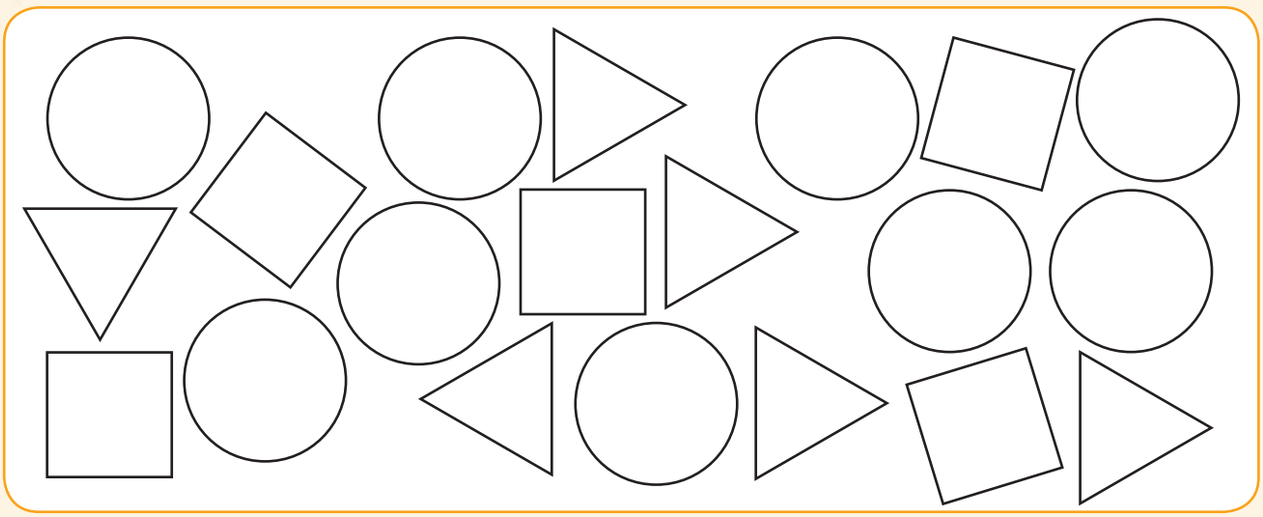


48b

Zwivhumbeo zwiṅwe hafhu zwa 2-D



Vhekanyani zwivhumbeo ni ite muolo wa zwe na vhekanya.

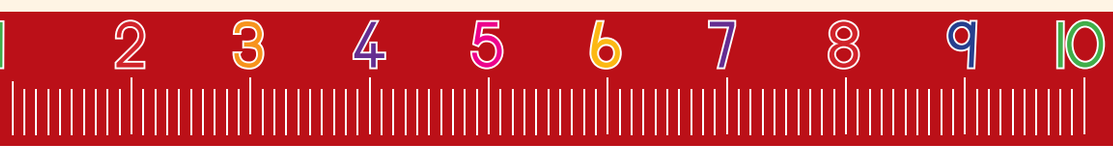


Thiraiengele	Tshitendeledzi	Tshikwea

Hu na thiraiengele nngana? ☐

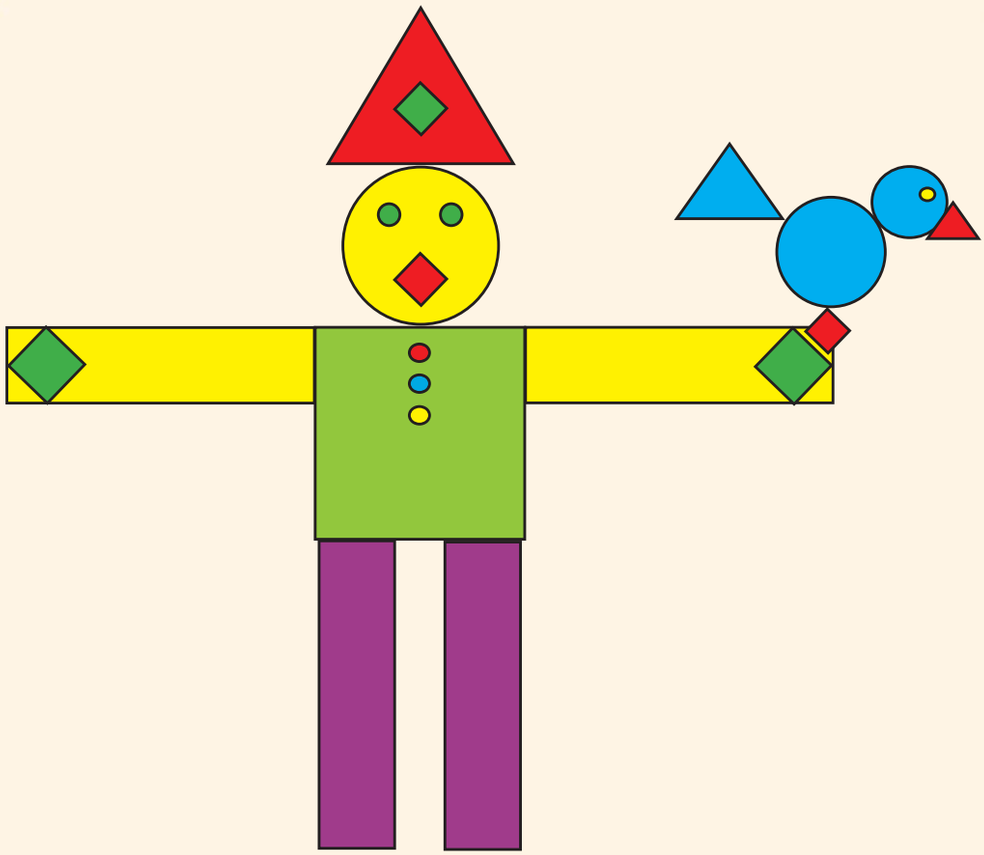
Hu na zwitendeledzi zwingana? ☐

Hu na zwikwe zwingana? ☐



Wanani zwivhumbeo

Wanani zwivhumbeo zwo fhambanaho ni zwi vhale.

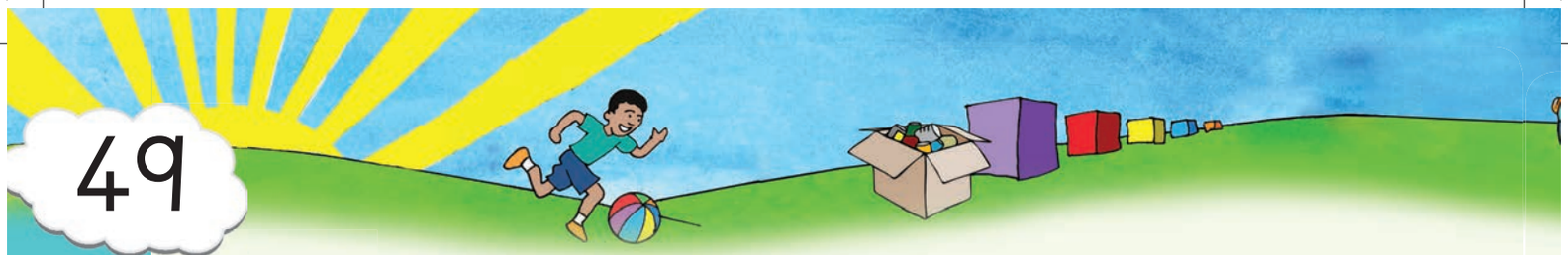


	Ni nga kona u wana zwikwea zwingana?	
	Ni nga kona u wana zwitendeledzi zwingana?	
	Ni nga kona u wana thiraiengele nngana?	
	Ni nga kona u wana rekithiengele nngana?	

Teacher:
Sign:

Date:

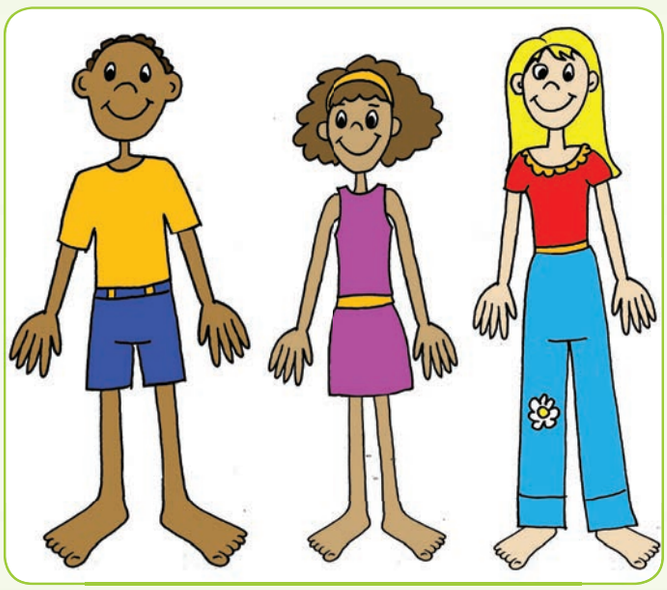
11 12 13 14 15 16 17 18 19 20





Zwigwada zwa 2 u swika kha 10

Fhindulani mbudziso idzi:



Ni kona u vhona vhana vhangana? ☐

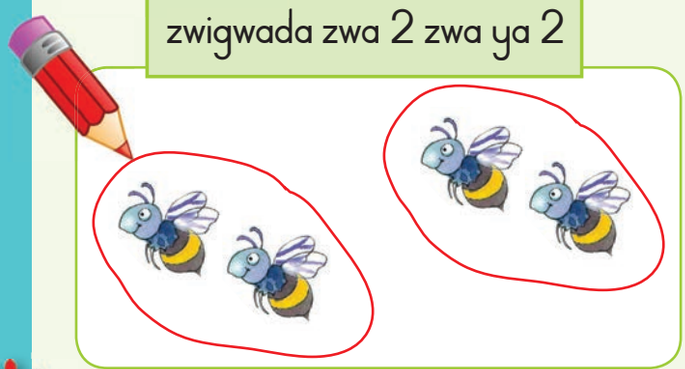
Ni kona u vhona milenzhe mingana? ☐

Ṅwalani mbalo ya phere dza milenzhe. 2 + 2 + 2 =

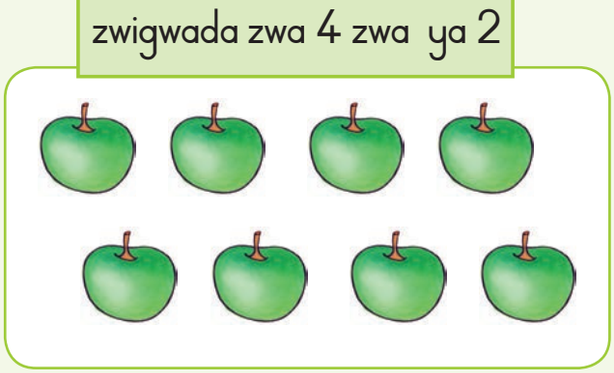


Itani zwitendeledzi u mona na zwitevh zwi tevhelaho eleho uri ni ite:

zwigwada zwa 2 zwa ya 2



zwigwada zwa 4 zwa ya 2





zwigwada zwa 5 zwa ya 2

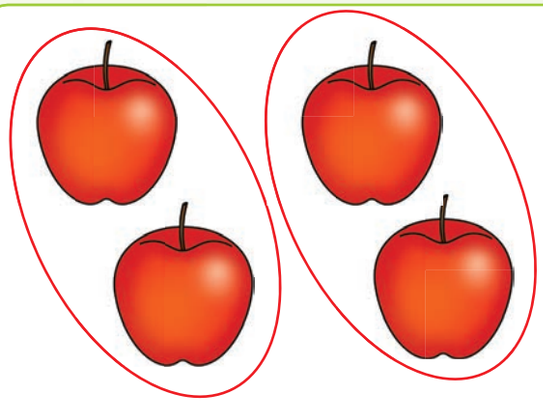


zwigwada zwa 3 zwa ya 2

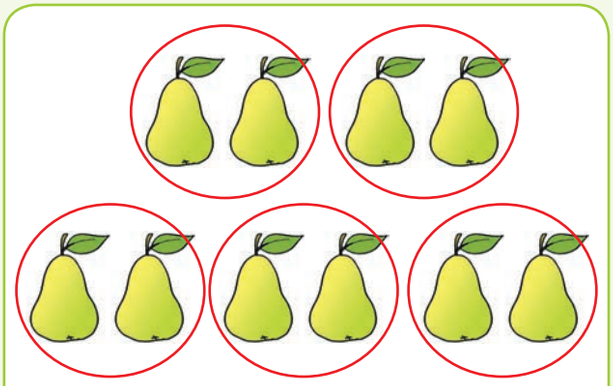


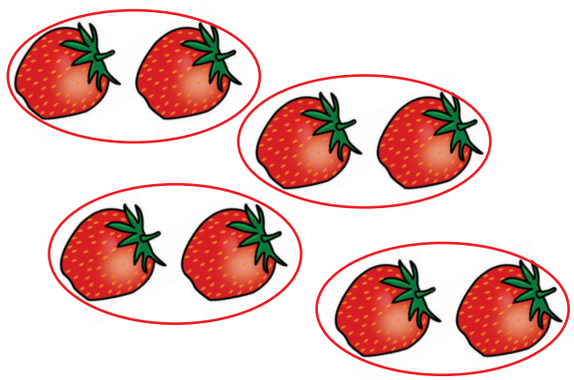


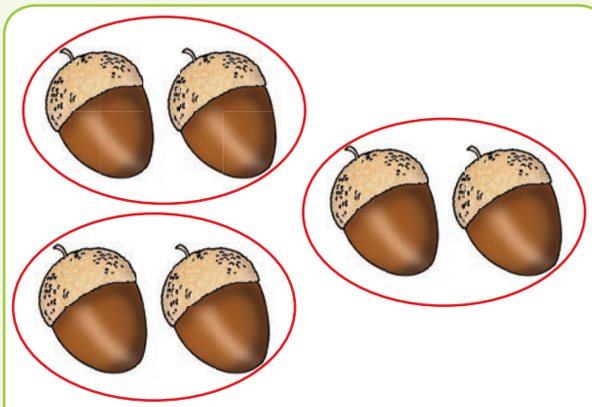
Ṅwalani mbalo ya zwi tevhelaho:



2 + 2 =







Teacher:
Sign:

Date:

Ndovhololo ya muṱanganyo wa mbili u swika kha 10

Hu na milenzhe mingana? Ṅwalani mbalo yazwo.



2 + 2 + 2 = 6







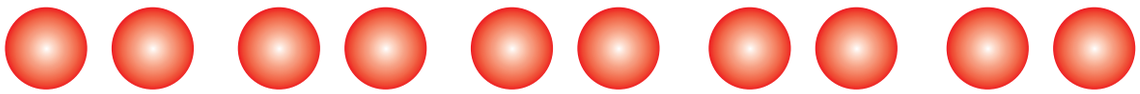
Rekanyani ni ite muolo.

2 + 2 = 4 	2 + 2 + 2 =
2 + 2 + 2 + 2 =	2 + 2 + 2 + 2 + 2 =



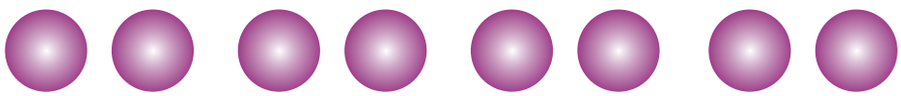


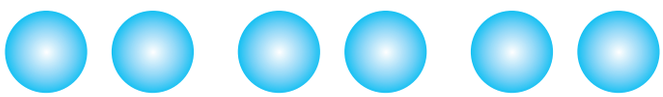
Nwalani mbalo ya:



2 + 2 + 2 + 2 + 2 =









Vhalani nomboro idzi nga mbilimbili ni khaḽare mbili dzoṱhe.

1	2	3	4	5	6	7	8	9	10



Teacher:
Sign:

Date:

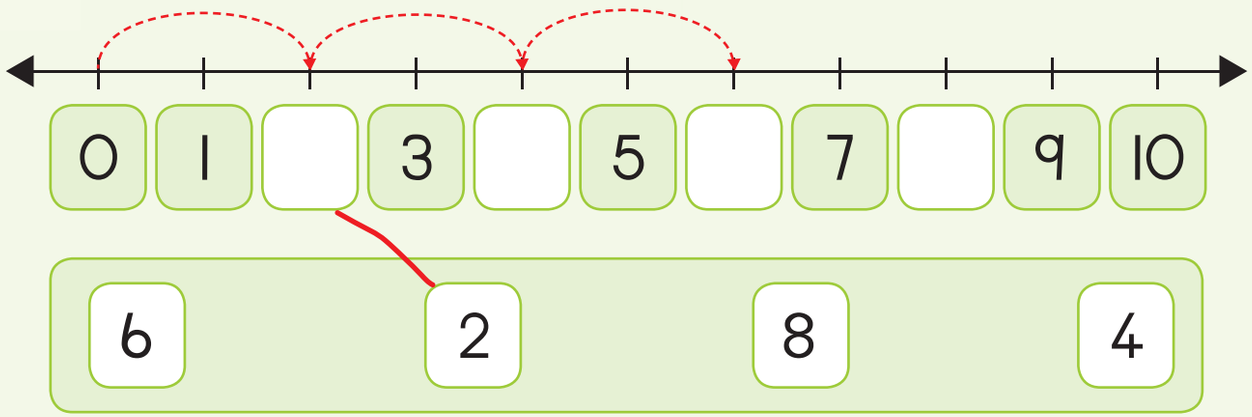
11 12 13 14 15 16 17 18 19 20

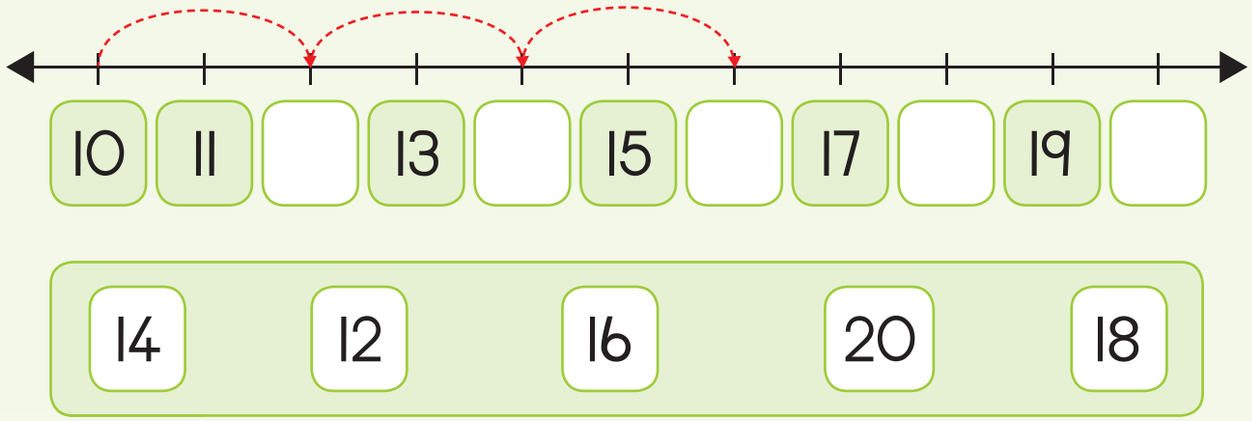
51



Phetheni dza 2 u swika kha 20

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

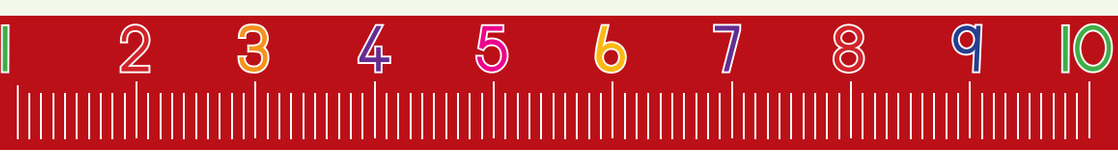






Fhedzisani phetheni nga u khaḽara nomboro.

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

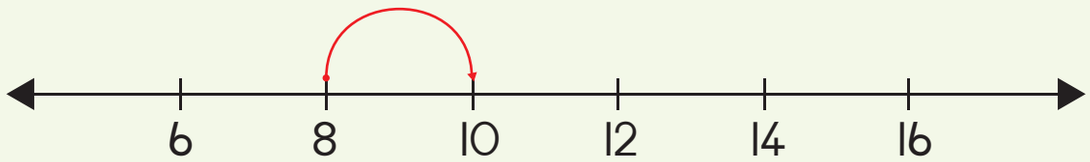




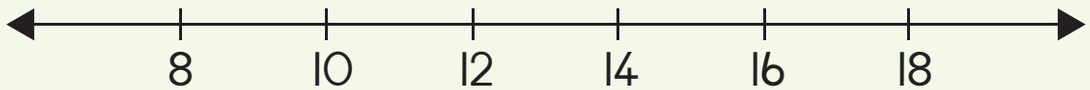


Olani mithamuwo ni tshi sumbedza zwi tevhelaho.

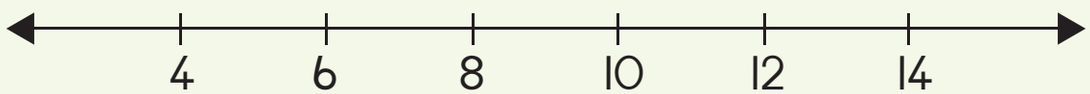
8	10	12	14



12	14	16	18

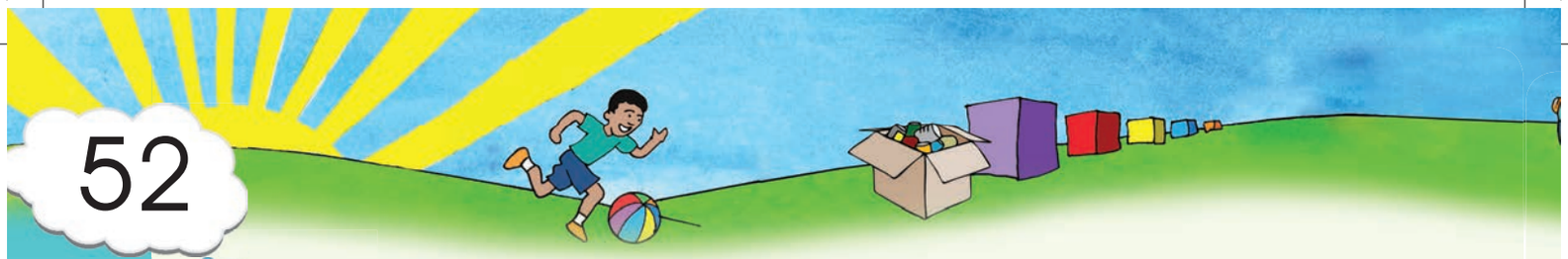


4	6	8	10



Teacher:
Sign:

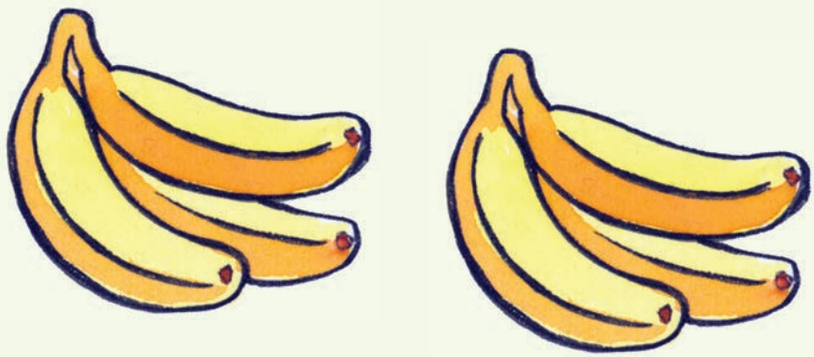
Date:





Zwigwada zwa raru u swika kha zwa fumi

Fhindulani mbudziso.



Ni kona u vhala miomva mingana?

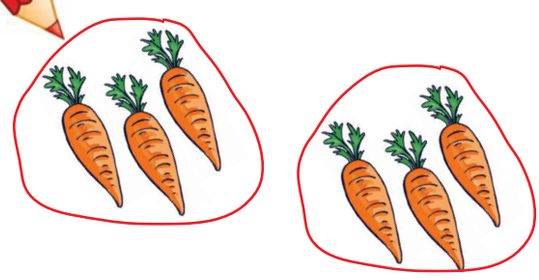
Hu na zwigwada zwingana?

I ṅwaleni sa mutalombalo.



Itani zwitendeledzi u mona na zwitevheleho uri ni ite:

zwigwada zwa 2 zwa dza 3



zwigwada zwa 3 zwa dza 3

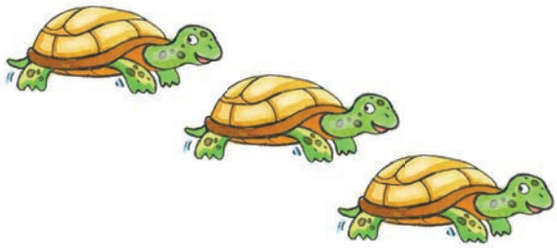




zwigwada zwa 4 zwa dza 3

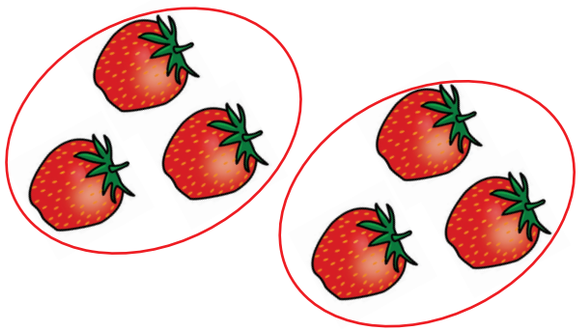


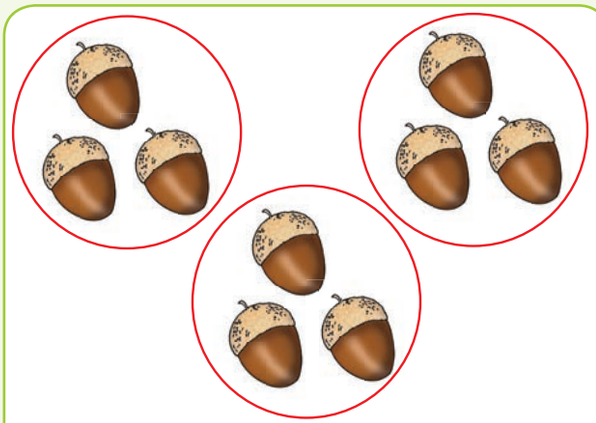
tshigwada tsha 1 tsha zwa 3





Ṅwalani fhungombalo ḽa zwi tevhelaho:







Olani zwigwada zwa 2 zwa 3.

Teacher:
Sign:

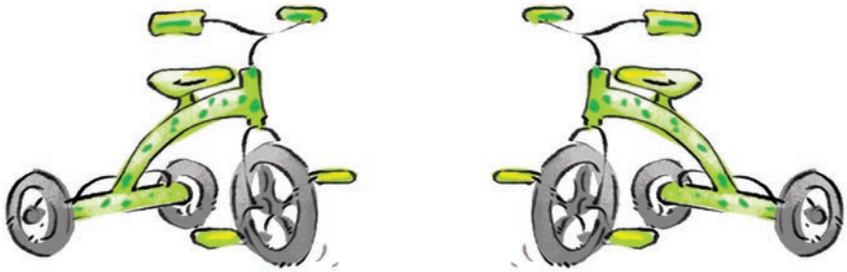
Date:

53

Ndovhololo ya muṱanganyo wa tharu u swika kha fumi



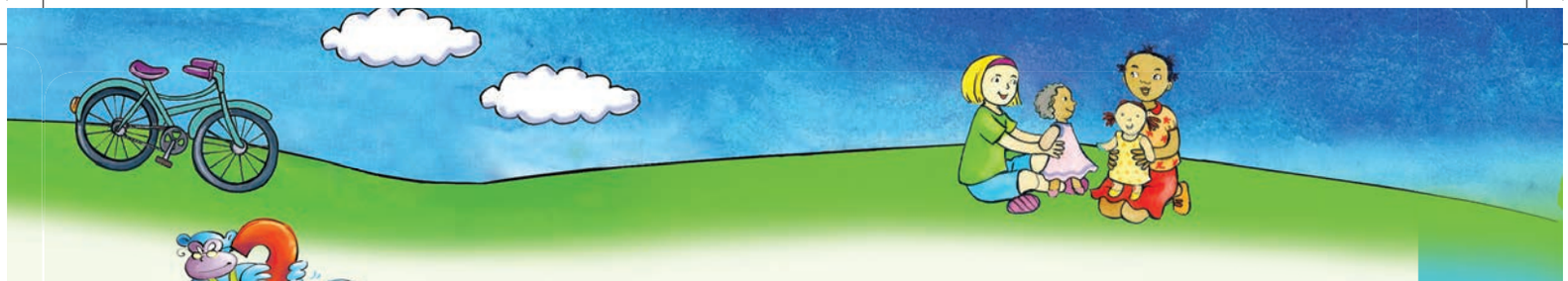
Hu na milinga mingana? I ṅwaleni sa mbalo.







1 2 3 4 5 6 7 8 9 10





Olani zwivhumbeo ni tshi sumbedza zwi tevhelaho.

3 + 3 = ☐

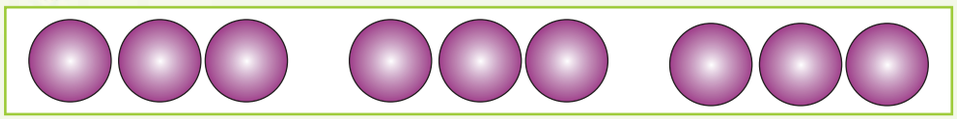
☐

3 + 3 + 3 = ☐

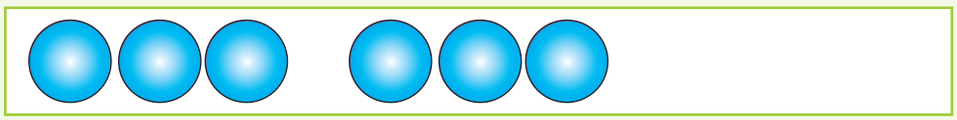
☐



I ṅwaleni sa mbalo:



☐



☐



Ndo renga maluvha mangana makete?





Mbalo.

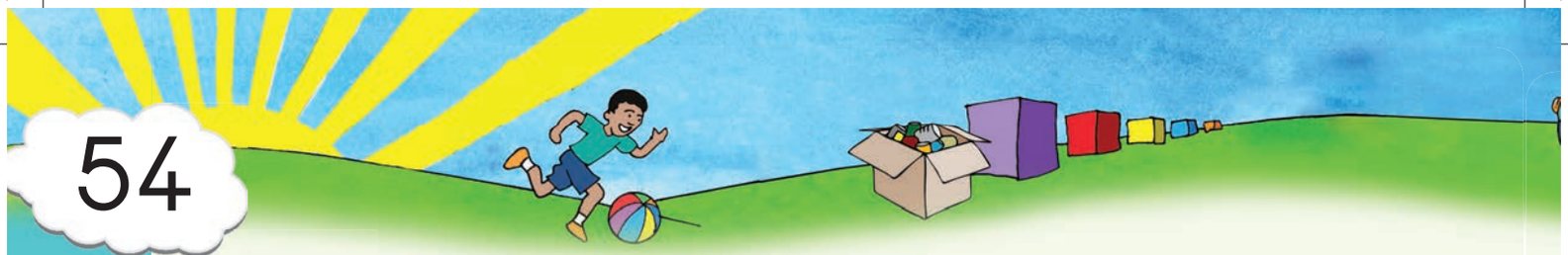
☐



Teacher:
Sign:

Date:

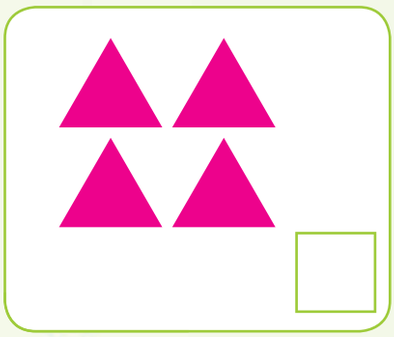






Zwigwada zwa nn̂a u swika kha fumi

Vhalani zwivhumbeo ni ṅwale nomboro.





Ndo vhona zwipuka zwi tevhelaho zuu. Ndo vhona milenzhe mingana?
Ṅalani f'hungombalo l̂a tshiṅwe na tshiṅwe.



4 + 4 = 8









Olani zwivhumbeo u mona na zwi tevhelaho uri ni ite:

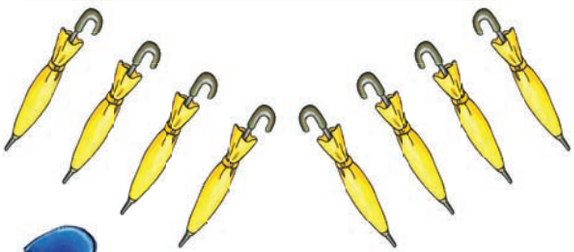
zwigwada zwa 2 zwa dza 4



tshigwada tsha 1 tsha dza 4



zwigwada zwa 4 zwa a 4

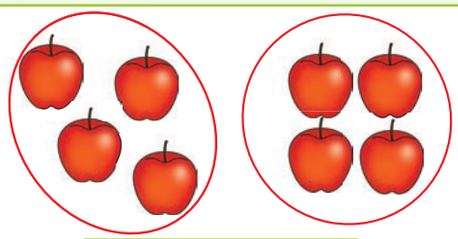


tshigwada tsha 1 tsha zwa 4

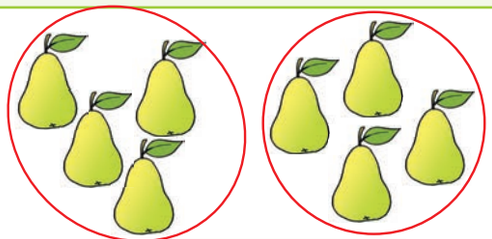


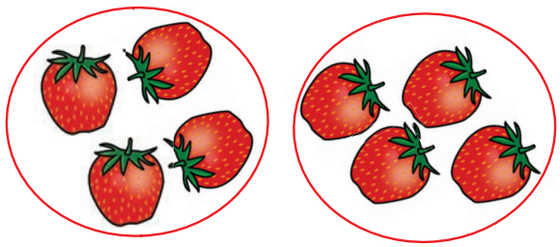


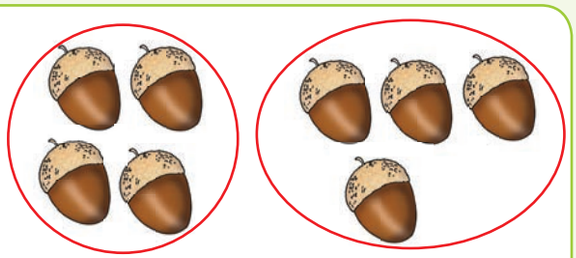
Nwalani mbalo ya zwi tevhelaho:



4 + 4 =



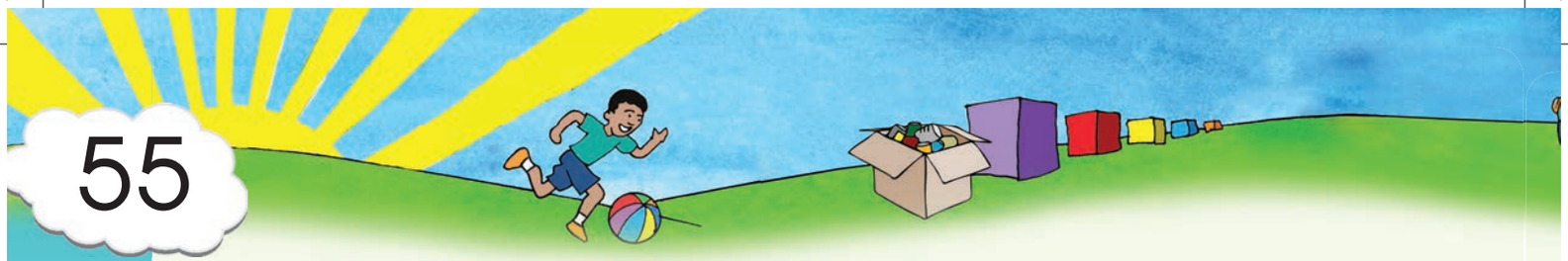






Teacher:
Sign:

Date:



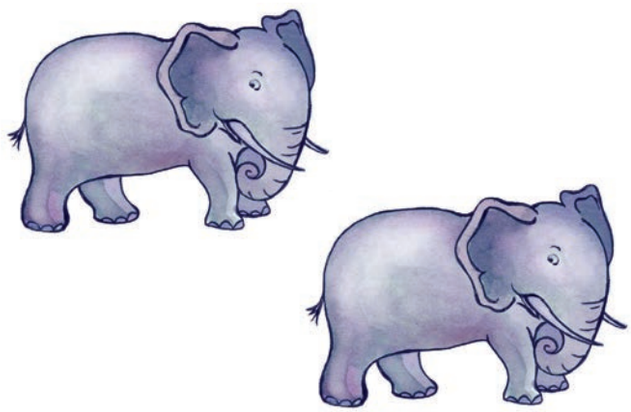
Ndovhololo ya muṱangayo wa zwiṋa u swika kha zwa fumi



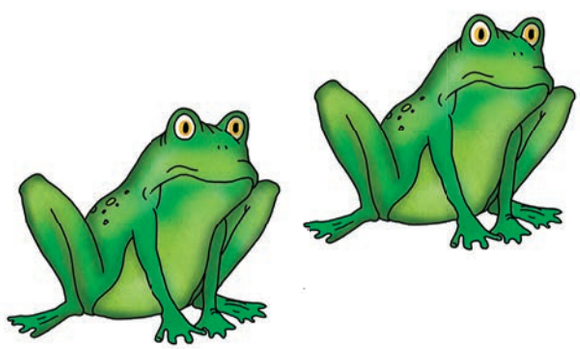
Hu na milenzhe mingana. Ṅwalani mbalo ya zwiṅwe na zwiṅwe.



__ + __ = __



__ + __ = __



__ + __ = __





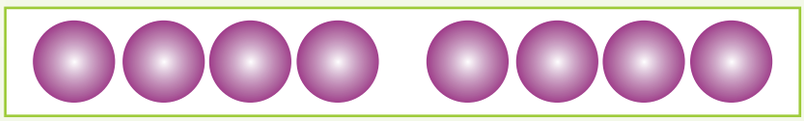


Olani zwivhumbeo ni tshi sumbedza zwi tevhelaho.

4	+	4	=			



Ṅwalani mbalo ya:





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

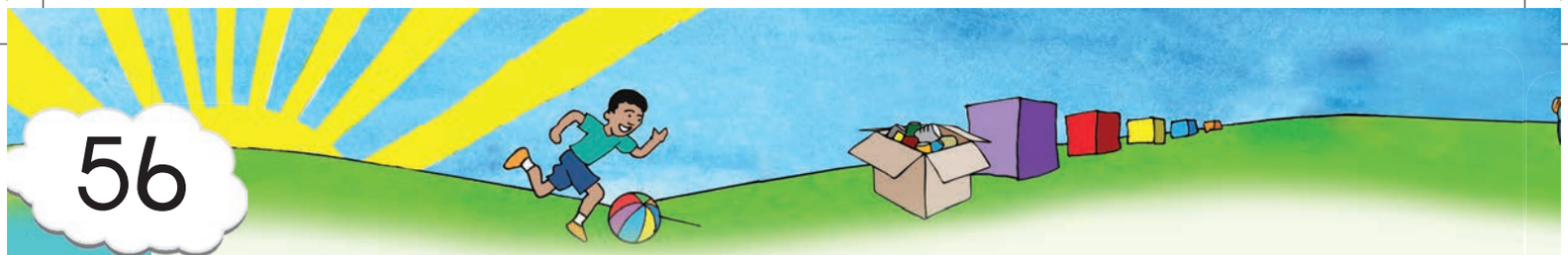


Mbalo.



Teacher:
Sign:

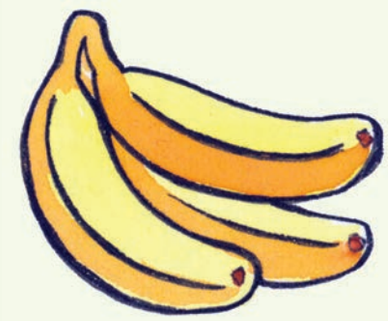
Date:





Zwigwada zwa zwiṱanu u swika kha zwa fumi

Fhindulani mbudziso





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

Hu na zwikunwe zwingana zwo ṱangana zwoṱhe?

I ṅwaleni sa mbalo.

5 + 5 =



Itani zwitendeledzi u mona na zwitevheleho uri ni ite:

tshigwada tsha 1 tsha a 5

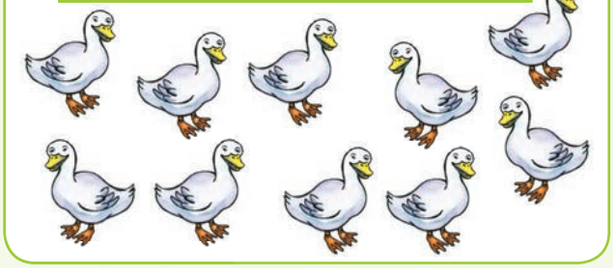


zwigwada zwa 2 zwa dza 5

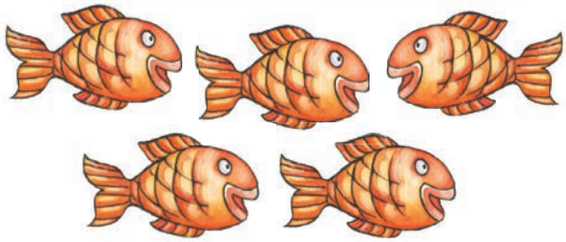




zwigwada zwa 2 zwa dza 5

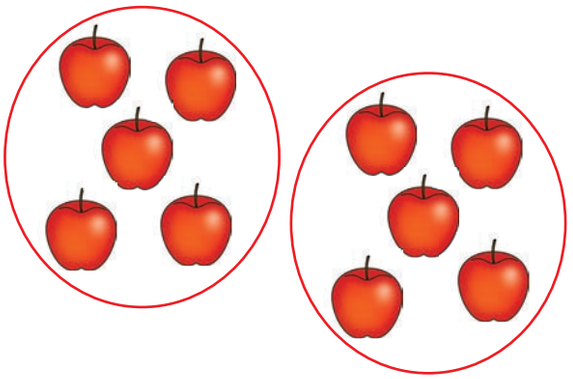


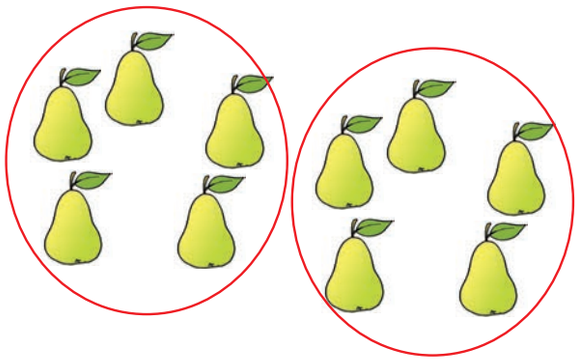
tshigwada tsha I tsha a 5

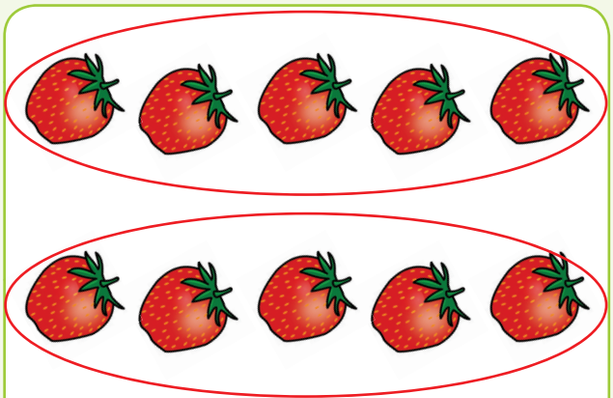




Nwalani mbalo ya zwi tevhelaho:











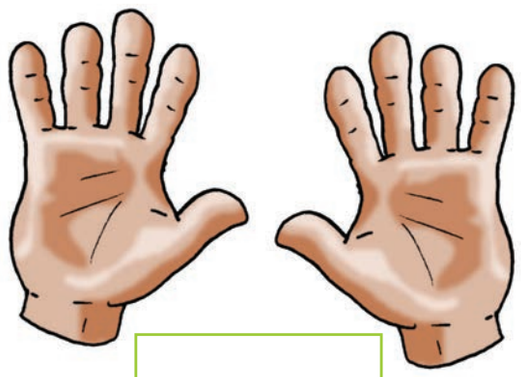
Teacher:
Sign:

Date:

Ndovhololo ya muṱangayo wa ṱhanu u swika kha 10



Hu na minwe kana zwikunwe zwingana?















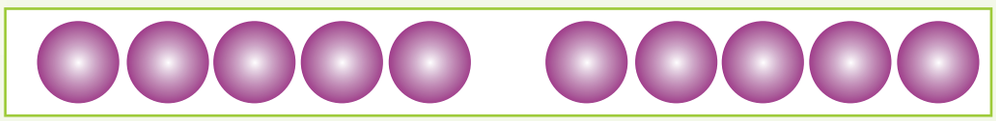


Olani zwivhumbeo ni tshi sumbedza zwi tevhelaho.

5	+	5	=			



Ṅwalani mbalo ya:





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

Mbalo:



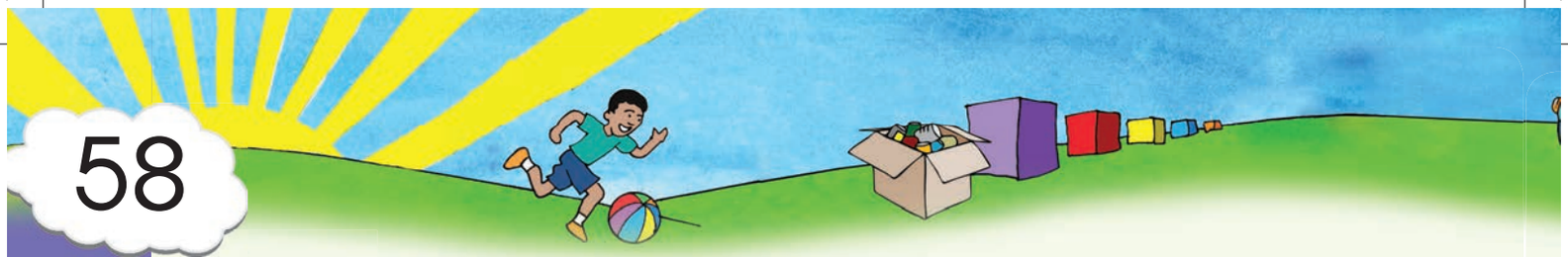
Ni na minwe mingana kha tshanḓa tshithihi? Ni na minwe mingana yo fhelela? Itani muolo.

Mbalo:

Teacher:
Sign:

Date:

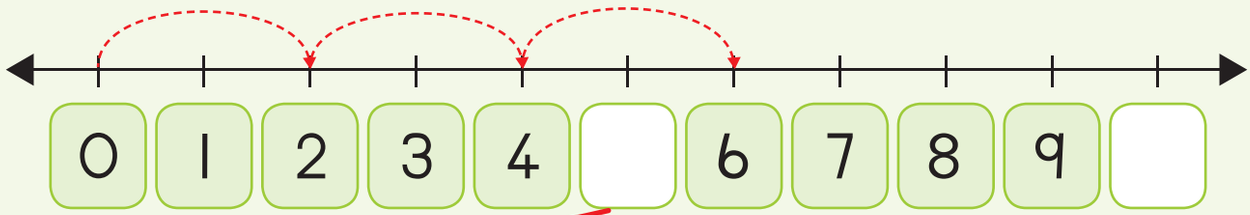
11 12 13 14 15 16 17 18 19 20

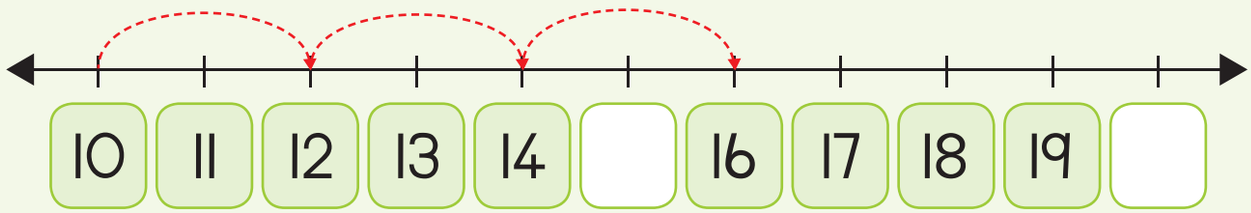




Phetheni ṱhanu u swika kha fumbili

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

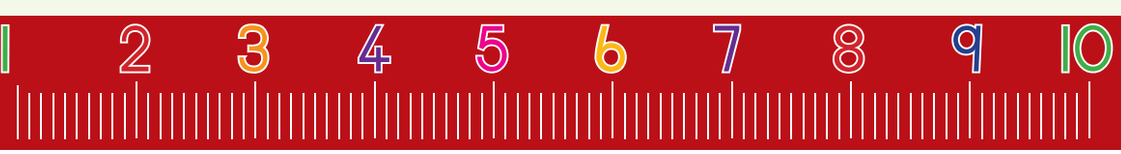






Fhedzisani phetheni nga u khaḽara nomboro.

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

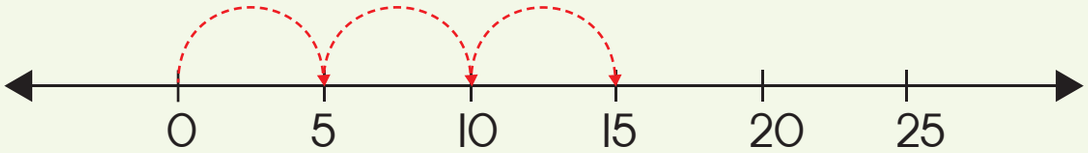




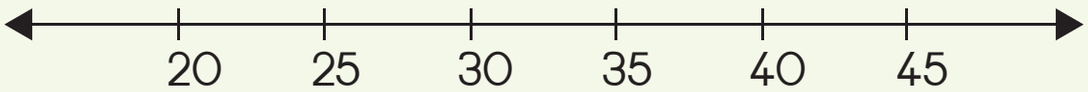


Olani mithamuwo ni tshi sumbedza zwi tevhelaho.

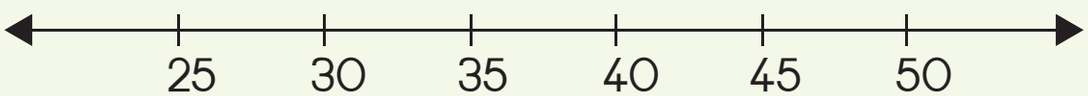
0	5	15	20



20	25	30	35

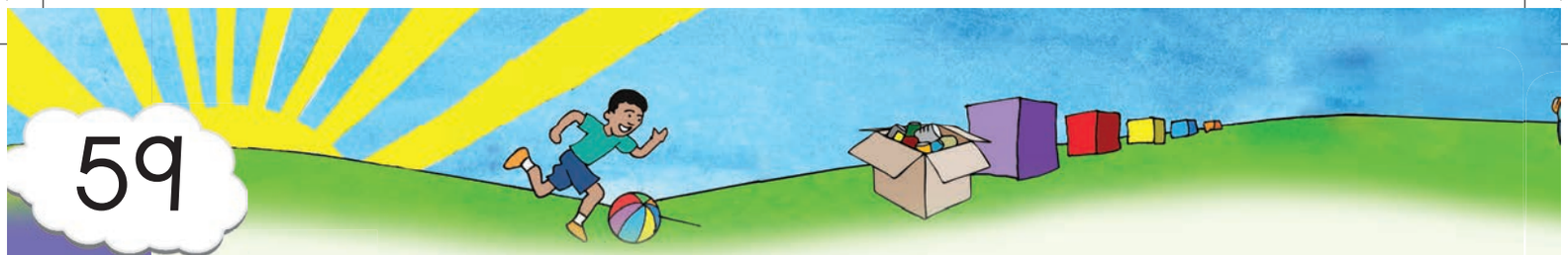


35	40	45	50



Teacher:
Sign:

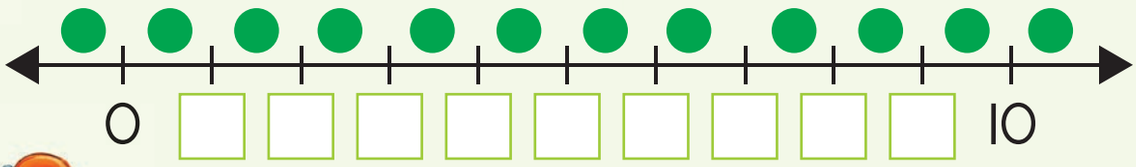
Date:



Phetheni dza mahumi

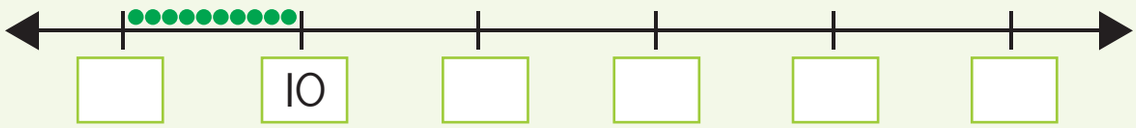


Ṅwalani nomboro dzi no khou ṱahela.





Olani malungu a fumi vhukati ha inthevaḽa ni livhanye nomboro na tshibuḽoko tshone.



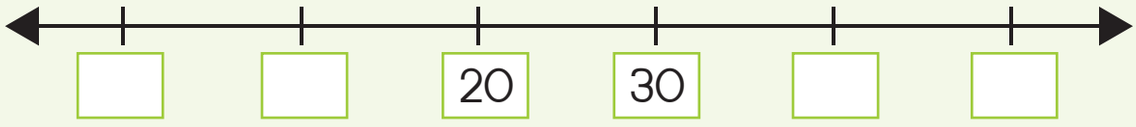
50 40 30 20



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

50 30 10 0 50 20 40









Fhedzisani bodo ya nomboro nga u shumisa nomboro dza zwigeriwa.

1	2	3	4	5	6	7	8	9	
11	12	13	14	15	16	17	18	19	
21	22	23	24	25	26	27	28	29	
31	32	33	34	35	36	37	38	39	
41	42	43	44	45	46	47	48	49	
51	52	53	54	55	56	57	58	59	
61	62	63	64	65	66	67	68	69	
71	72	73	74	75	76	77	78	79	
81	82	83	84	85	86	87	88	89	
91	92	93	94	95	96	97	98	99	

Shumisani nomboro dza zwigeriwa dzi no bva murahu ha bugu.



20	40	10	60	90	80
50	30	100	70		



Teacher:
Sign:

Date:

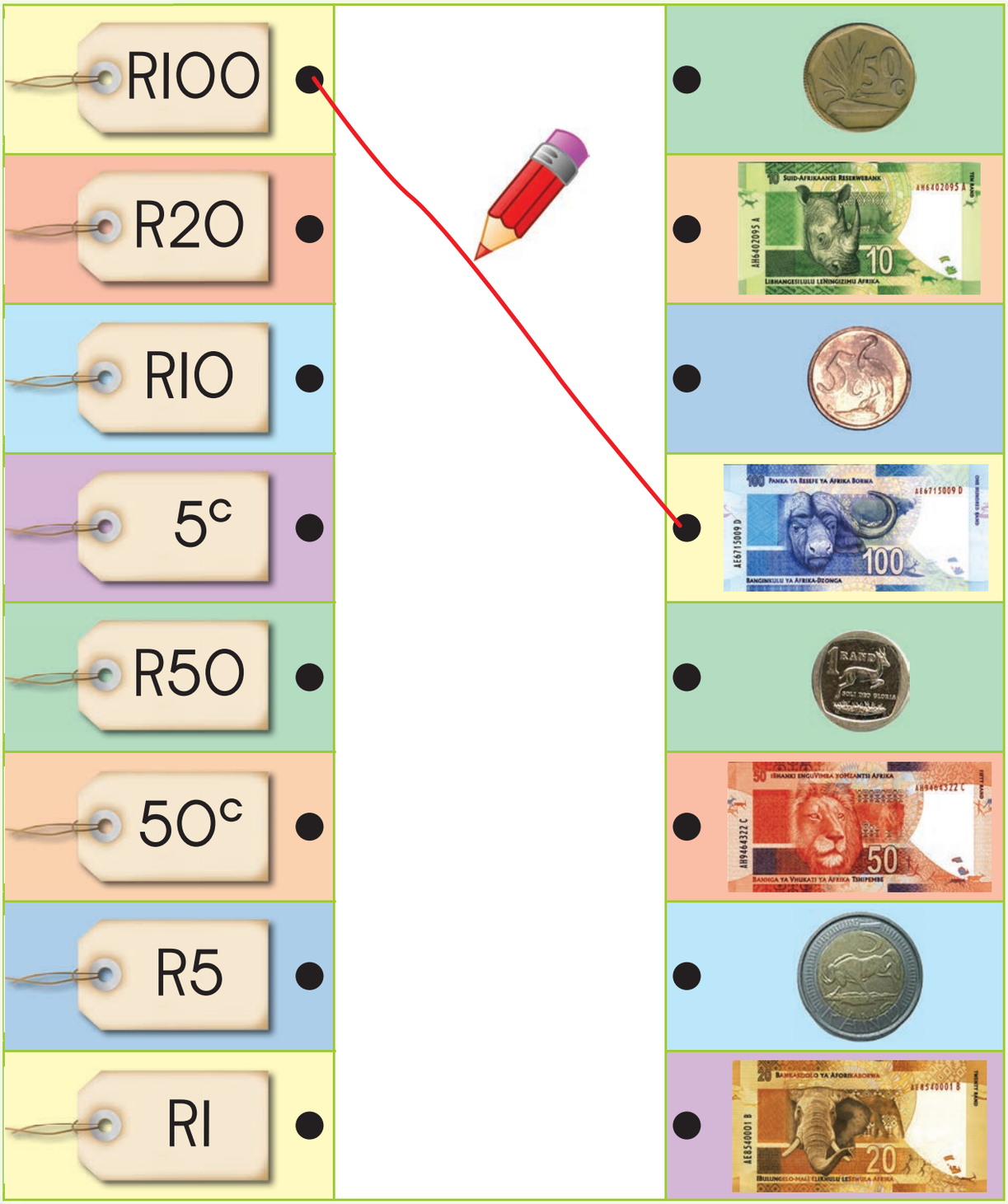
11 12 13 14 15 16 17 18 19 20

60a



Nomboro na tshelede

Livhanyani mutengo na tshelede.



Tshelede: noutu (ya mbammbiri) na khoini

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





RIOO	R50	RIO





RI	R5	RIO





RI	50c	5c





R20	R5	RIO

Teacher:
Sign:

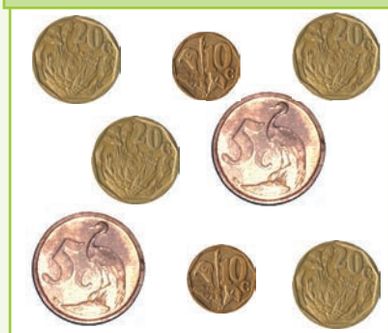
Date:

11 12 13 14 15 16 17 18 19 20

60b

Nomboro na tshelede (Zwi iswa phanḓa)

Tangedzelani:

khoini dzoṱhe dza 5c	khoini dzoṱhe dza 10c	khoini dzoṱhe dza 20c
		

Tangedzelani:

Noutu dzoṱhe dza R10



Tangedzelani:

Noutu dzoṱhe dza R20







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





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





Teacher:
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

61

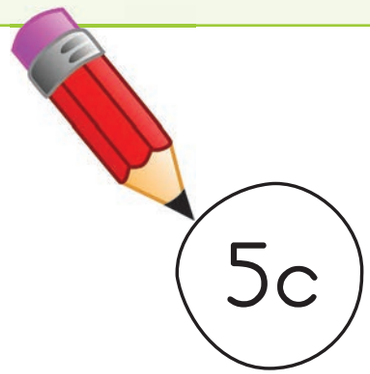


Tshelede na tshintshi

Olani khoini dzine dza ḓo ni ṋea ṱhanganyelo ya:

a.

10c

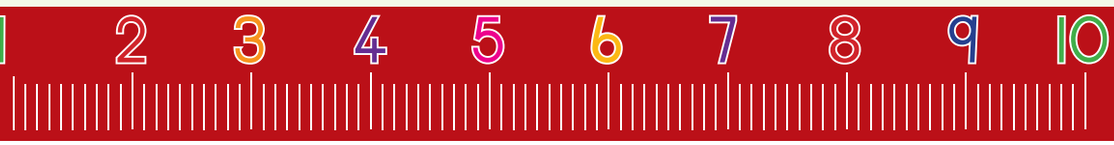


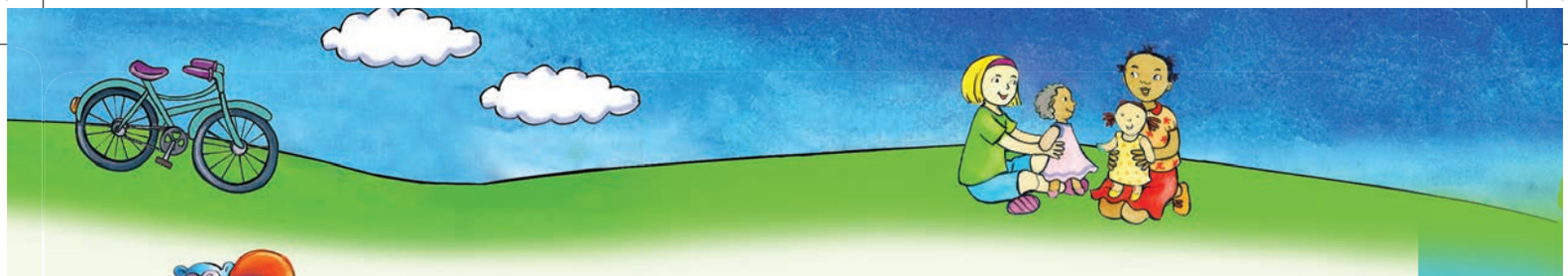
b.

20c

c.

15c







Khaḽarani phindulo yone.

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



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





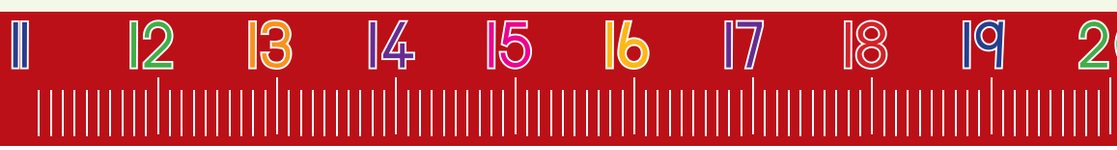




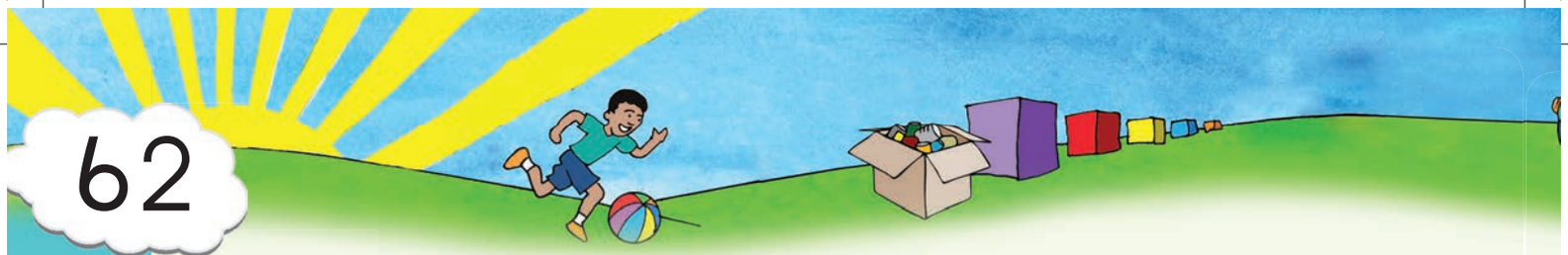


Teacher:
Sign:

Date:







Tshelede na tshintshi hafhu



Ṱusani 5c nthihi. No salelwa nga vhugai?

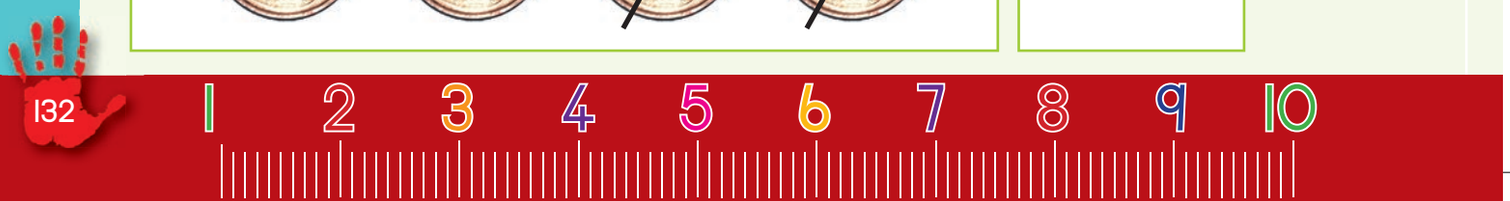


5c



Ho sala vhugai?









Ho sala vhugai? Livhanyani zwi tevhelaho.



5c



20c



15c



10c

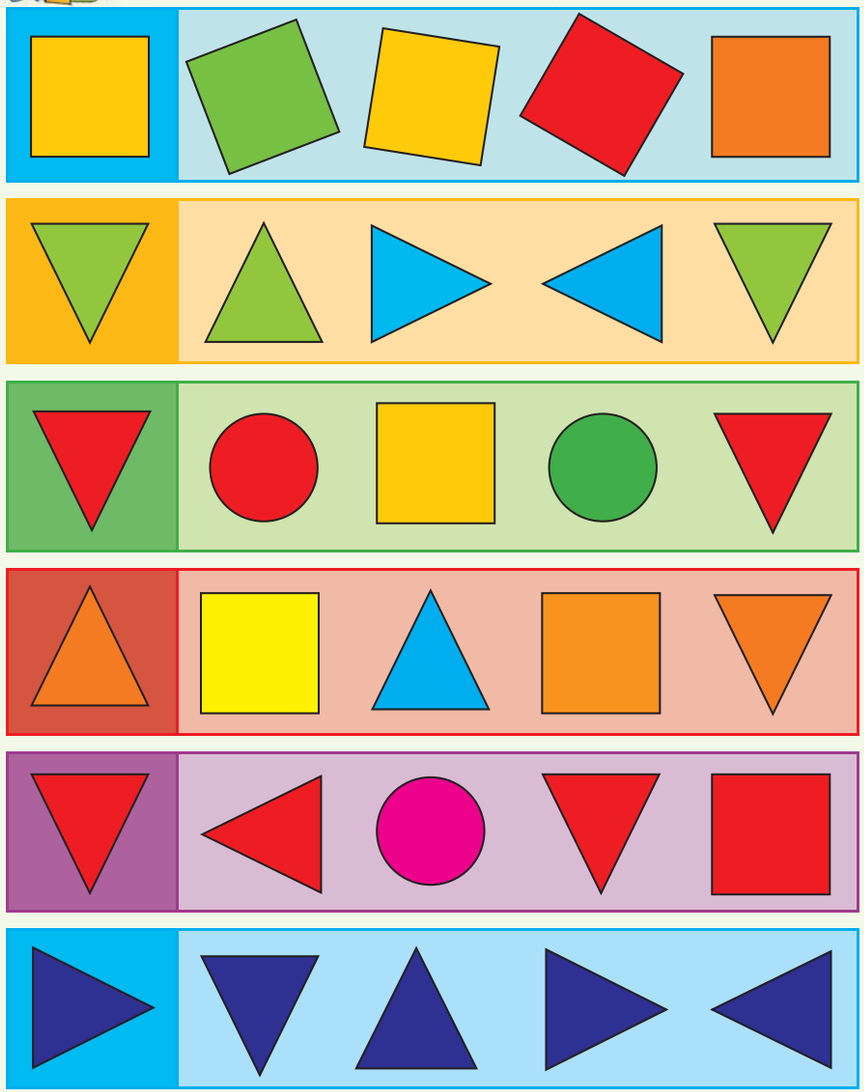
Teacher:
Sign:

Date:



Zwivhumbeo, nzulele na kuimele

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



Tangedzelani phindulo dzi re dzone.



Ndi phukha ifhio i re phaṋda ha ṋdou?					
Ndi phukha ifhio i re murahu ha mmbwa?					
Ndi phukha ifhio i re vhukati ha mbiḓi na mmbwa?					
Arali mmbwa ya tshimbilela phaṋda i ḓo gekhana na tshipuka tshifhio?					
Arali ṋdou 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?					

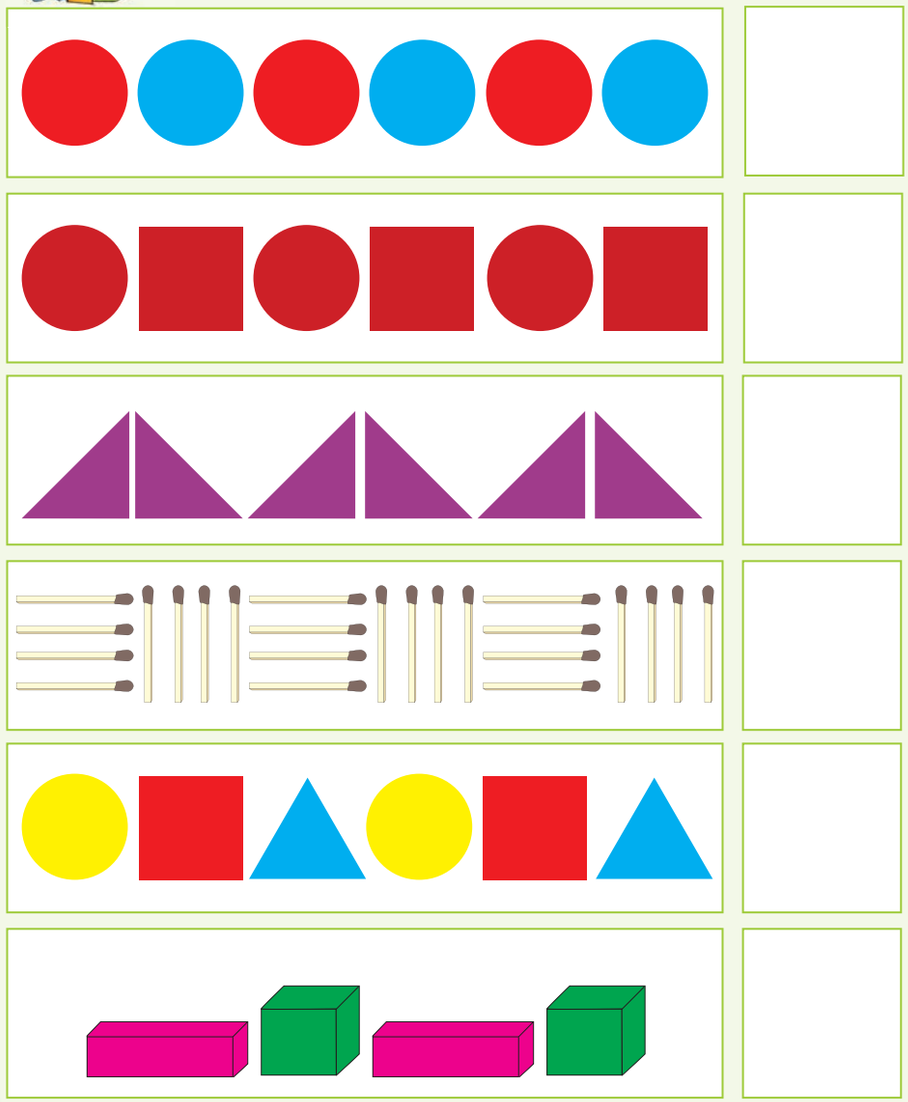
Teacher:
Sign:
Date:

64a

Phetheni dzi re na zwivhumbeo zwa dzhometiri

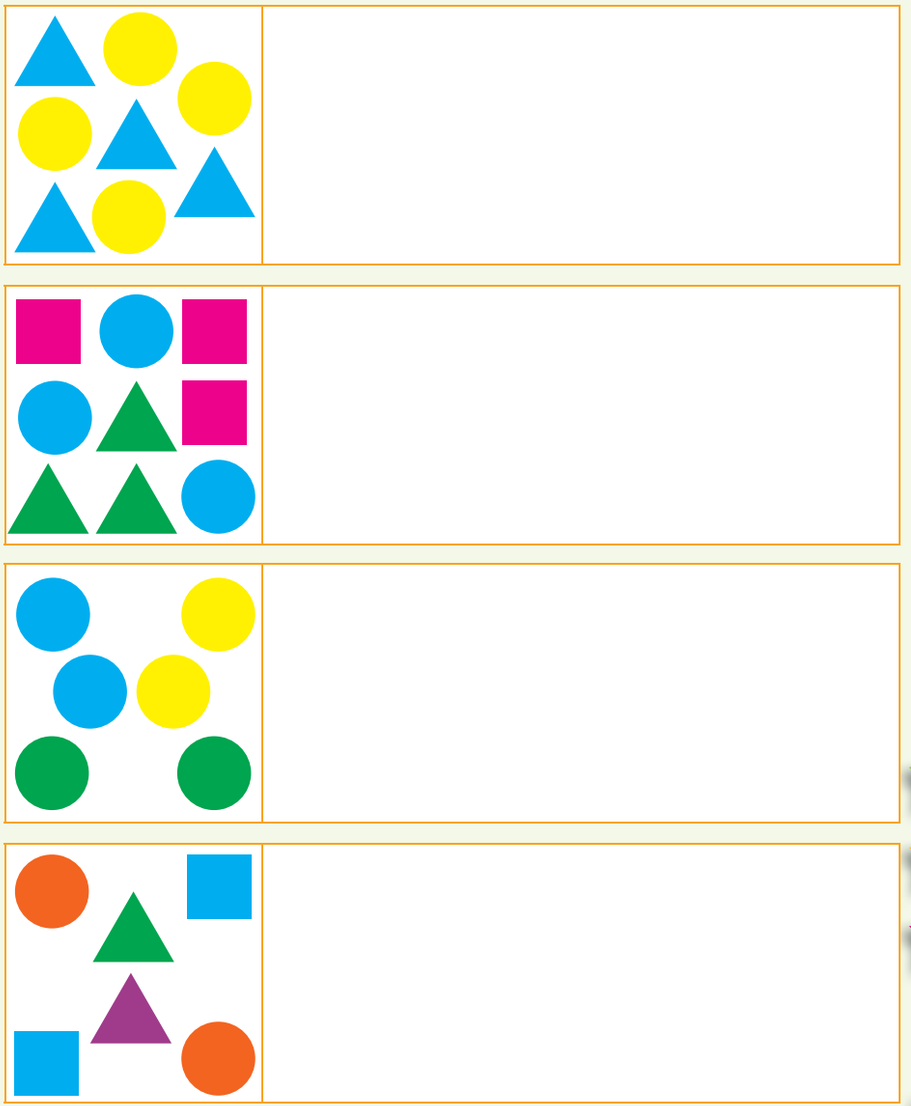
1

Ṱharamudzani phetheni nga tshivhumbeo tshiṅwe tshithihi.



2

Itani phetheni ya inwi muṋe nga zwivhumbeo zwe na ṋewa.



Teacher:
Sign:
Date:

Zwivhumbeo zwa 2-D na zwithu zwa 3-D

Khaḽari zwivhumbeo.

Khaḽarani zwikwea nga muvhala mutswuku .

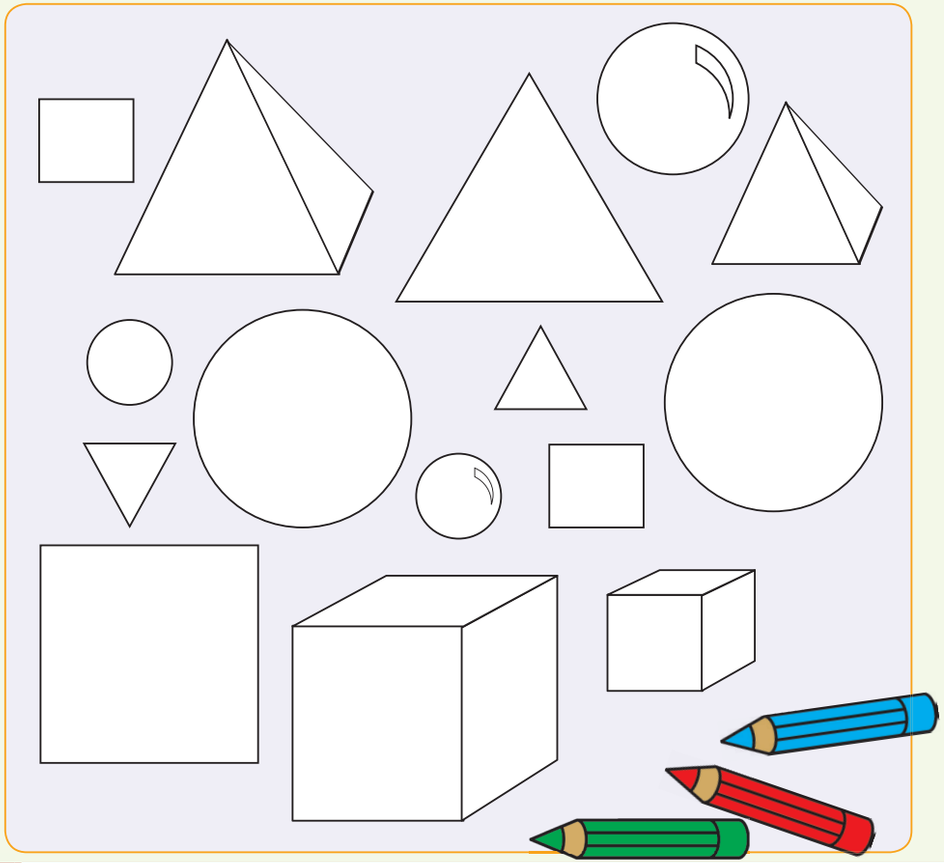
Khaḽarani zwitendeledzi nga muvhala wa lutombo .

Khaḽarani rekithiengele nga muvhala mudala .

Khaḽarani khubu nga muvhala wa ṱaḓa .

Khaḽarani zwipulumbu nga muvhala wa phephuḽu .

Khaḽarani phirizimu nga muvhala wa tshitopana .



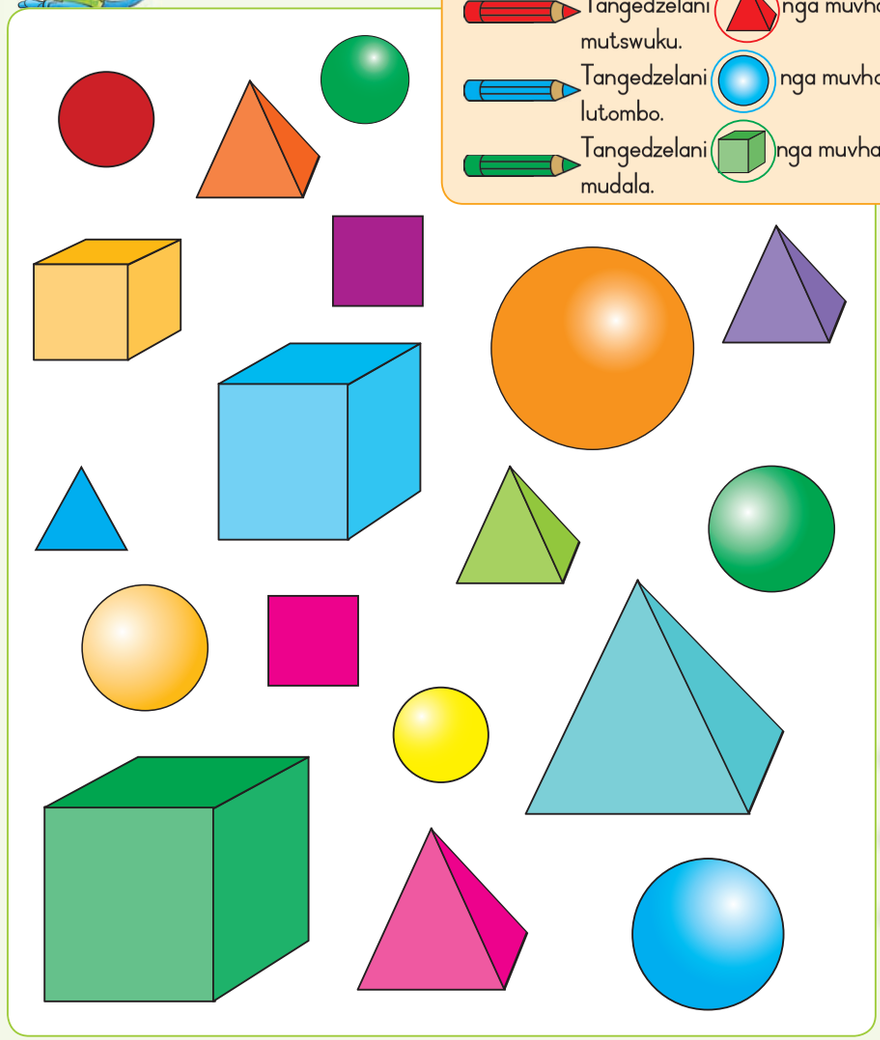
Zwivhumbeo na zwithu zwa tshiomate

Tangedzelani zwivhumbeo.

Tangedzelani nga muvhala mutswuku.

Tangedzelani nga muvhala wa lutombo.

Tangedzelani nga muvhala mudala.



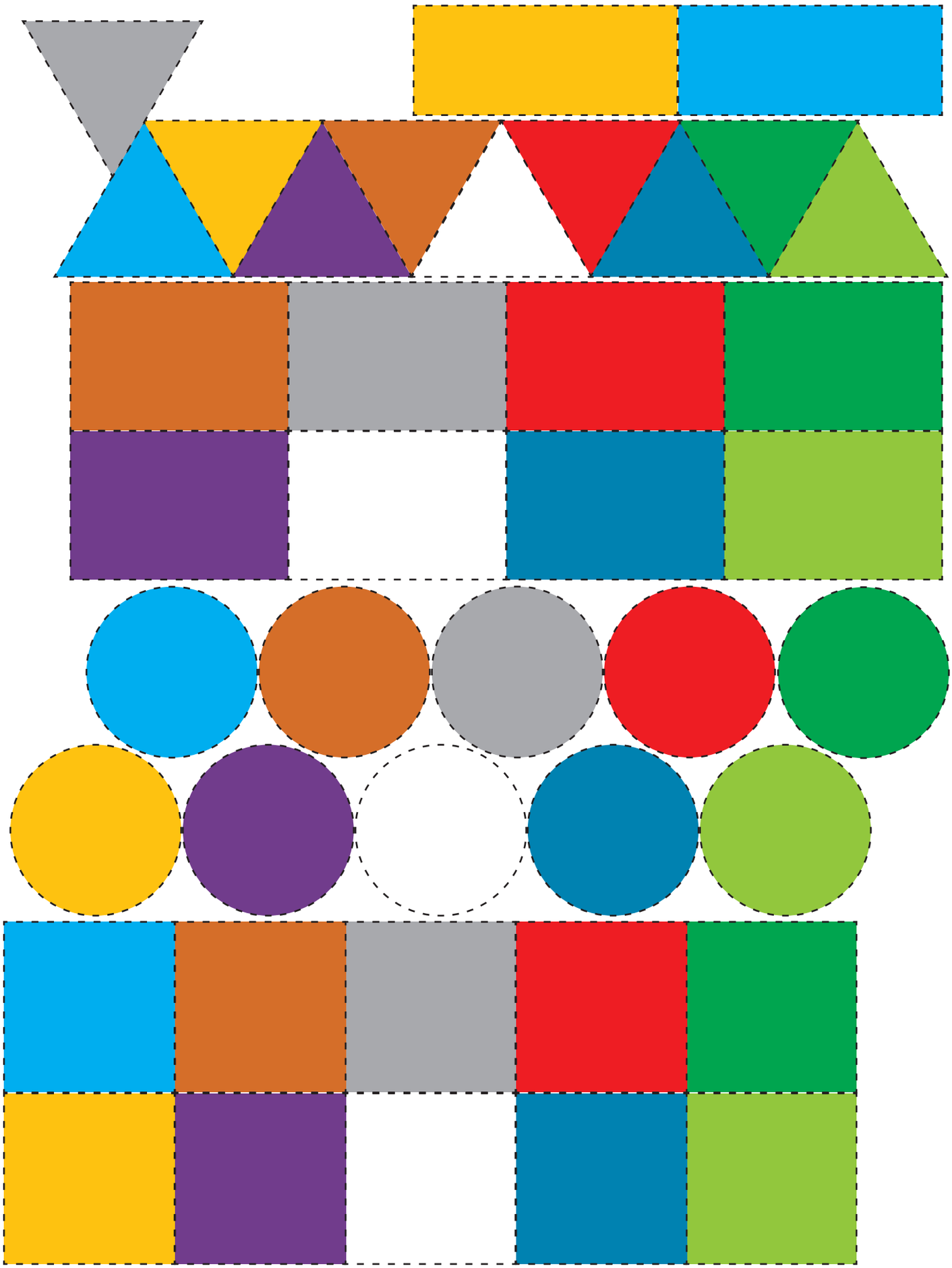
Teacher:
Sign:
Date:

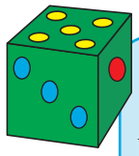


Shapes:

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.





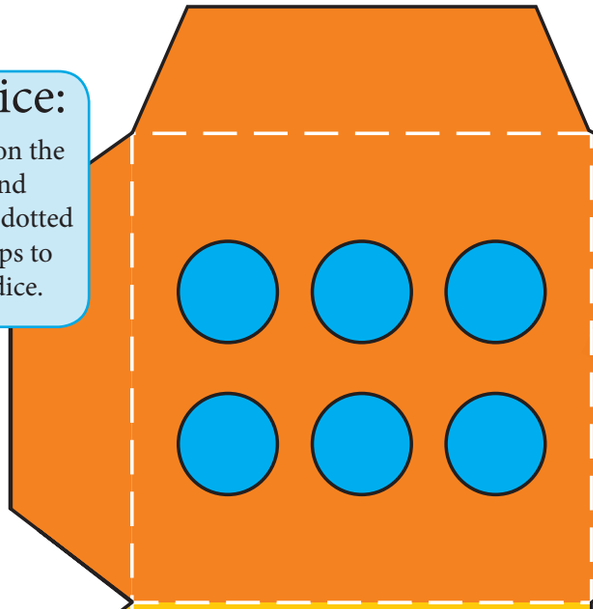


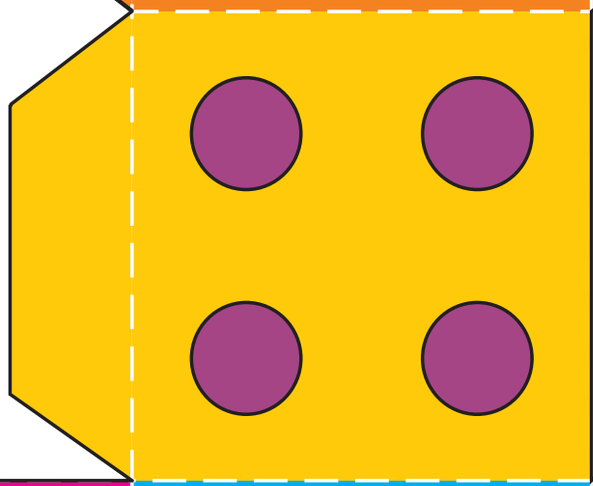
Make a dice:

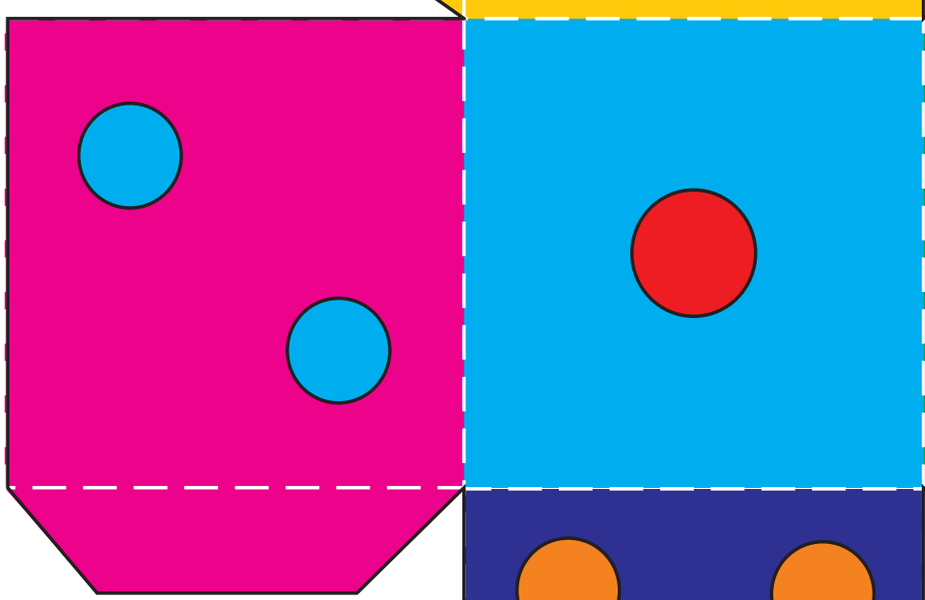
Cut the dice out on the black outer line and fold on the white dotted lines. Glue the flaps to the inside of the dice.

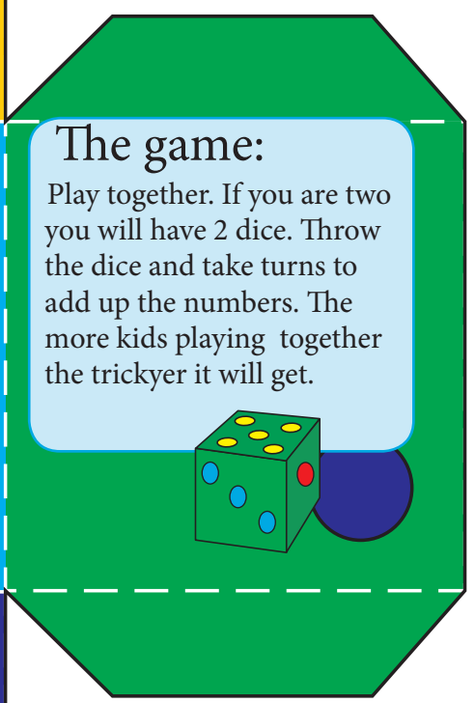






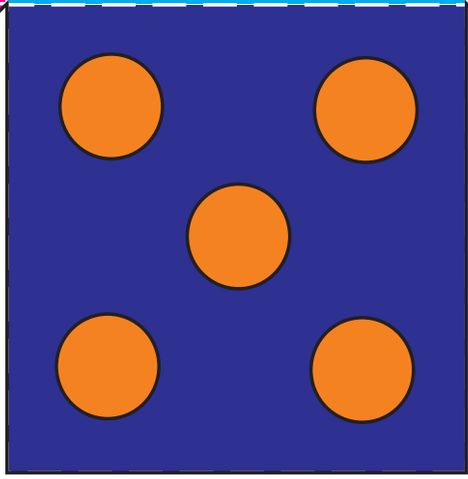


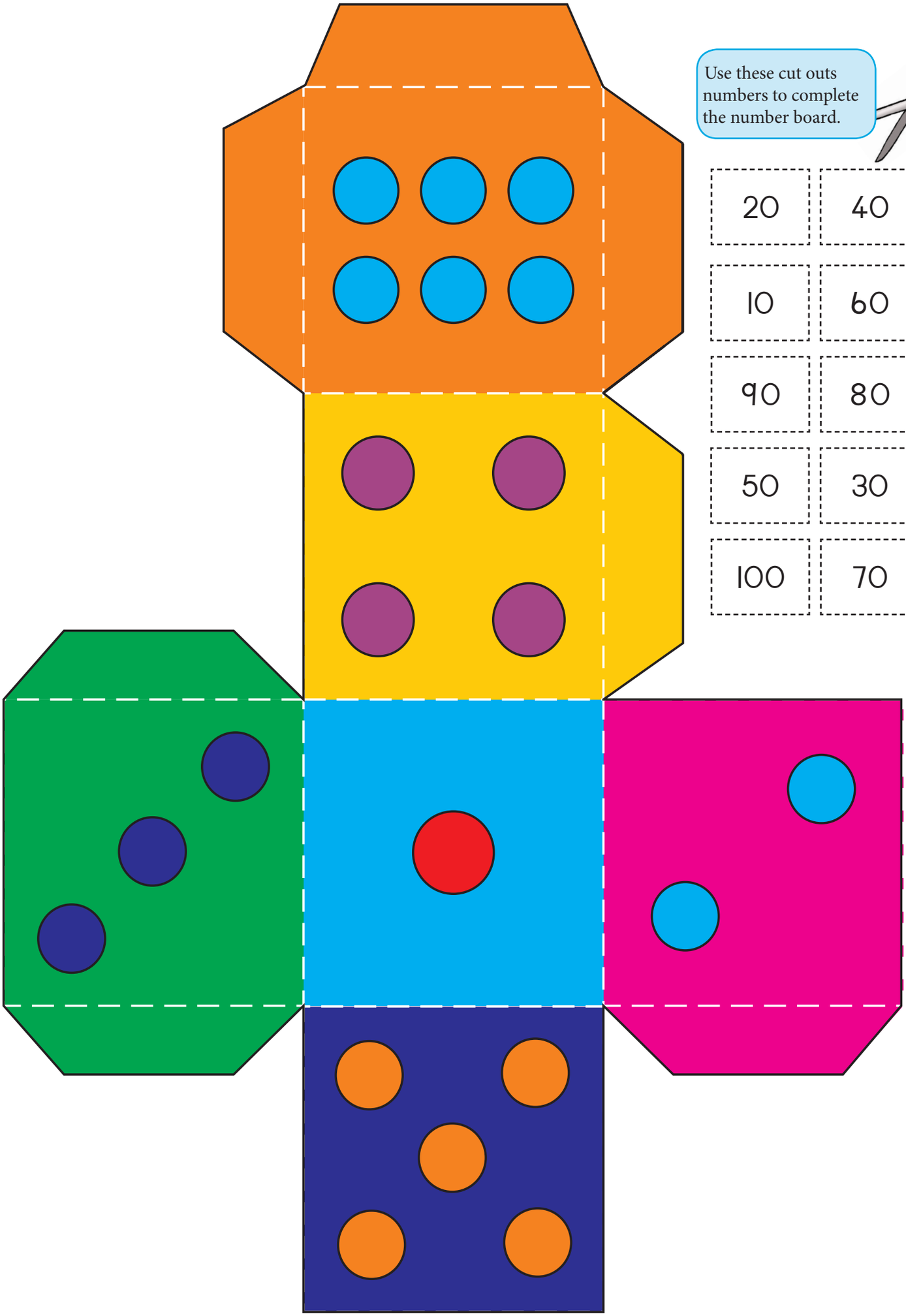




The game:

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.





Use these cut outs numbers to complete the number board.

20	40
10	60
90	80
50	30
100	70