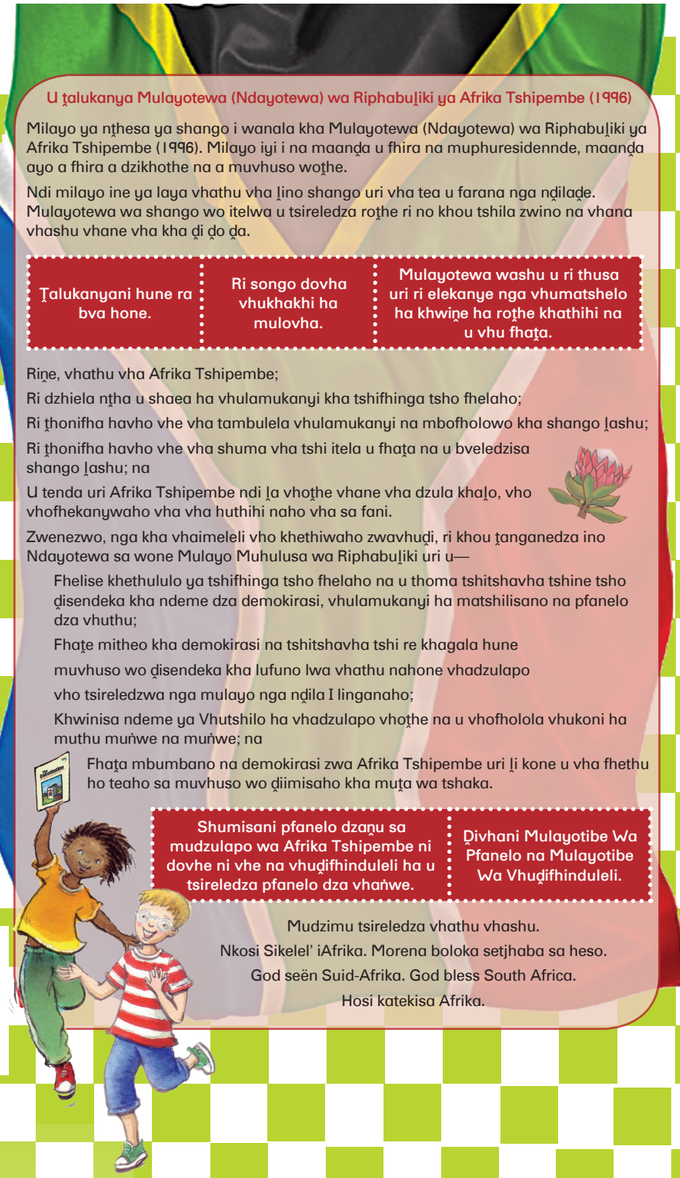


U ŧalukanya Mulayotewa (Ndayotewa) wa Riphabuḽiki ya Afrika Tshipembe (1996)

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.

Ŧalukanyani 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 fhaŧa.

Riṋe, vhathu vha Afrika Tshipembe;

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

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

Ri ŧhonifha havho vhe vha shuma vha tshi itela u fhaŧa 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 ŧanganedza 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;
- Fhaŧa 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
- Fhaŧa mbumbano na demokirasi zwa Afrika Tshipembe uri ḽi kone u vha fhethu ho teaho sa muvhuso wo ḓiimisaho kha muŧa 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.

ISBN 978-1-4315-0002-4

Rainbow WORKBOOKS

MATHEMATICS IN TSHIVENDA
GRADE 2 – BOOK 1
TERMS 1 & 2
ISBN 978-1-4315-0002-4

THIS BOOK MAY NOT BE SOLD.

11th Edition

1 2 3 4

ḒIVHAMBALO NGA TSHIVENḒA – Gireidi ya 2 Bugu ya I

ISBN 978-1-4315-0002-4



ḒIVHAMBALO NGA TSHIVENḒA

Gireidi ya 2

Bugu ya I
Themo I & 2

Ḓzina:

Kiḽasi:

basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Zwi re ngomu

Nomb	hoho	Sia ari
1	N e na mu a wa hashu	2
2	U vhalela	4
3	Nomboro	6
4	Nomboro dziṅwe hafhu	8
5	Mu anganyo na mu uso	10
6	U kovhana tshelede	12
7	Phetheni	14
8	Zwivhumbeo	16
9	Bola na zwibogisi	18
10	Vhulapfu	20
11	Tshileme	22
12	Khaphasithi	24
13	Tshifhinga	26
14	Kha enda ya uvha a Mabebo	28
15	Kuvhanganyani ni vhekanye	30
16	Vhalani ni alutshedze	32
17	Rangela, tevhela na vhukati	34
18	Nomboro 1 – 30	36
19	Mitalombalo	38
20	Mitalombalo miṅwe	40
21	Mu anganyo na mu uso	42
22	Ma uvha, vhege na mi wedzi	44
23a	Mu anganyo	46
23b	Mu uso	48
24	Muṱanganyo muṅwe hafhu	50
25	Tshelede	52
26	Tshelede dzinoutu (ya bammbiri)	54
27	Phetheni	56
28	Phetheni dziṅwe hafhu	58
29	Muandiso: × 2	60
30	Muandiso: × 5	62
31	Zwiṱori zwa muandiso	64
32	Zwithu zwa siararu (3-D)	66
33	Vhekanyani nomboro ni dzi vhambedze: 1 – 40	68
34	Vhekanyani nomboro ni dzi vhambedze: 40 – 50	70
35	Nomboro 40 – 50	72
36	Zwikwea, rekithiengele, thiraiengele na zwitendeledzi	74
37	Muṱanganyo na muṱuso u swika kha 20	76
38	Muṱanganyo na muṱuso u swika kha 50	78
39a	Muṱanganyo muṅwe hafhu	80
39b	Muṱanganyo muṅwe hafhu	82
40	Vhulapfu	84
41	Muṱuso muṅwe hafhu	86
42a	Muṱuso munzhi	88
42b	Muṅwe muṱuso hafhuhafhu	90
43	U lemela na u leluwa	92
44	Phetheni dza nomboro: Nga zwivhilizwivhili	94
45	U inga kavhili (U davhula)	96
46	Ingani kavhili hafhu	98
47	Ingani kavhili	100
48	Nyingakavhili hafhu	102
49	Zwifaredzi na khaphasithi	104
50	Muandiso: × 3	106
51	Phatheni dza nomboro: Nga tharu	108
52	Muandiso: × 4	110
53	Phatheni dza nomboro: Nga nṋanṋa	112
54	Zwiṱori zwa muandiso hafhu	114
55	Awara/Iri	116
56	Phetheni dza nomboro: Nga ṱhanu	118
57a	Miminete	120
57b	Miminete hafhu	122
58	U vhea nga zwigwada na u kovhana	124
59	U vhea nga zwigwada na u kovhekana hafhu	126
60	U vhea nga zwigwada na u kovhekana hafhuhafhu	128
61	U vhea nga zwigwada na u kovhana	130
62	Dzihafu: 1 – 20	132
63	U kovhana 20 – 50	134
64	Data	136
	Tshigeriwa 1	
	Tshigeriwa 2	





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 phaṋda 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 978-1-4315-0002-4

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 2

Rainbow WORKBOOKS

Mbalo

NGA TSHIVENḐA

Bugu iyi ndi ya:



TSHIVENḐA

Bugu ya 1

1

Deithi:

Nṋe na muṱa wa hashu



Dzhenisani phindulo kha mbudziso idzi nga ha inwi na muṱa wa haṉu.

Dzina ḽanga ndi _____ .

Ndi na miṅwaha ya _____ .

Miṅwaha mivhili yo fhelaho ndo vha ndi na miṅwaha ya _____ .

Nga murahu ha ṅwaha muthihi ndi ḓo vha ndi na miṅwaha ya _____ .

Ndi dzula ha _____ .

Ndi nnyi muhulwanesa muṱani wa haṉu? _____

Ṅwalani uri vha na miṅwaha mingana. _____

Ndi nnyi muṱukusa muṱani wa haṉu? _____

Ṅwalani uri u na miṅwaha mingana. _____

Deithi ya ṉamusi ndi _____ .

1 2 3 4 5 6 7 8 9 10





Olani tshifanyiso tsha muṱa wa haṋu.



1 2 3 4 5 6 7 8 9

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

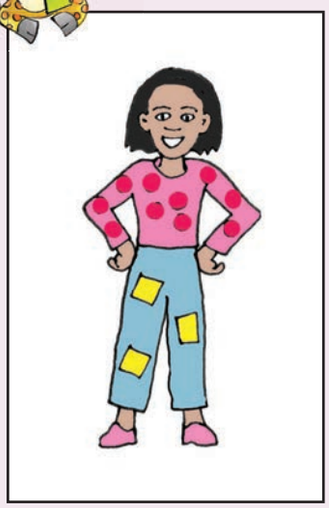
2

Deithi:

U vhalela



Ḓadzani zwikhala zwi si na tshithu.



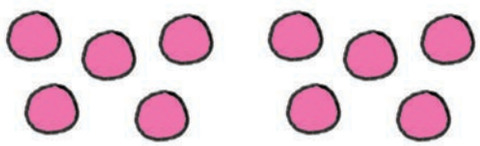
maṱo

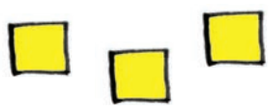
zwithoma

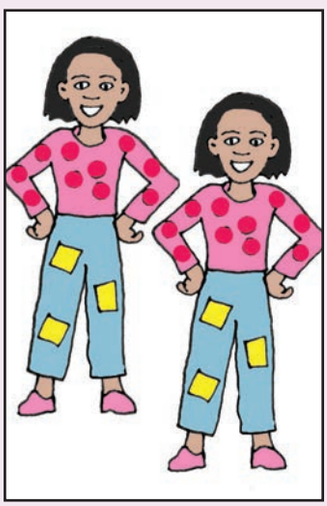
zwihaswa



2







maṱo

zwithoma

zwihaswa







mậto

zwithoma

zwihaswa



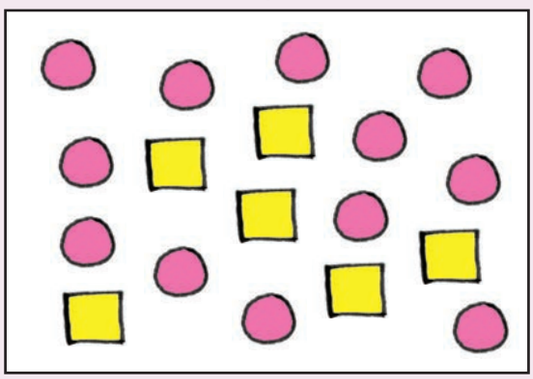
mậto

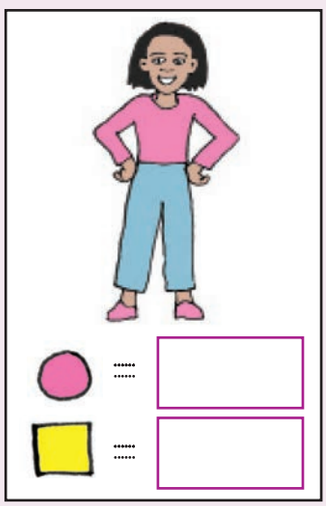
zwithoma

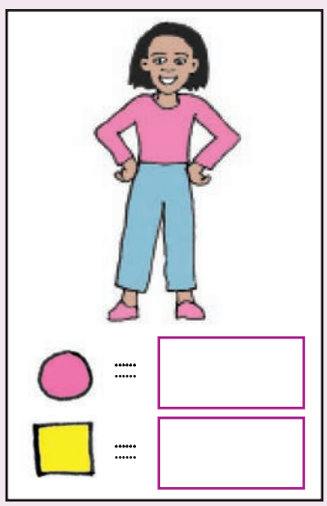
zwihaswa



Kovhani zwithoma na zwihaswa zwi tshi lingana.







Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

3

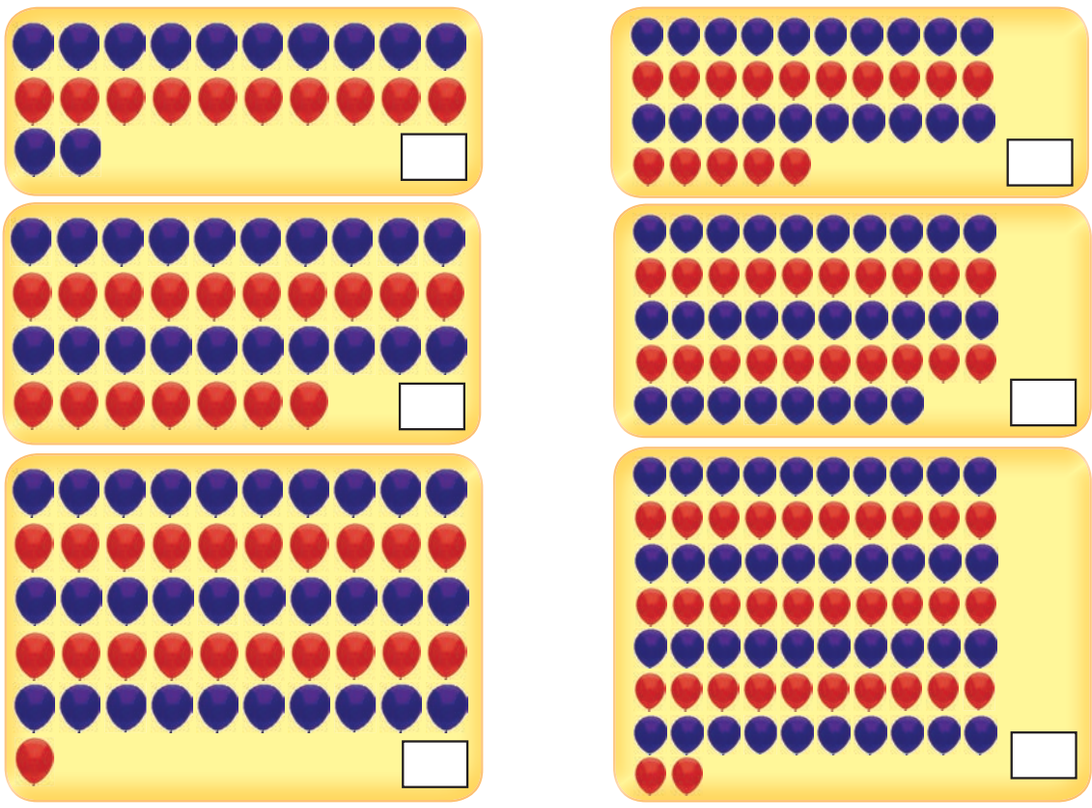
Deithi:

Nomboro

1 Vhalani zwiga zwa nomboro na maipfi zwi re kha bodo ya u ṅwalela.



2 Ṅwalani tshivhalo tsha mabaḽoni tshibuḽokoni.



1 2 3 4 5 6 7 8 9 10



Nwalani nomboro dzi tevhelaho nga maipfi.

6		12	
4		7	
8		17	
1		14	
2		22	
5		18	
0		11	
10		20	
3		15	
9		13	

37 38 39 40 41 42 43 44

89 90 91 92 93 94 95 96

Teacher:

Sign:

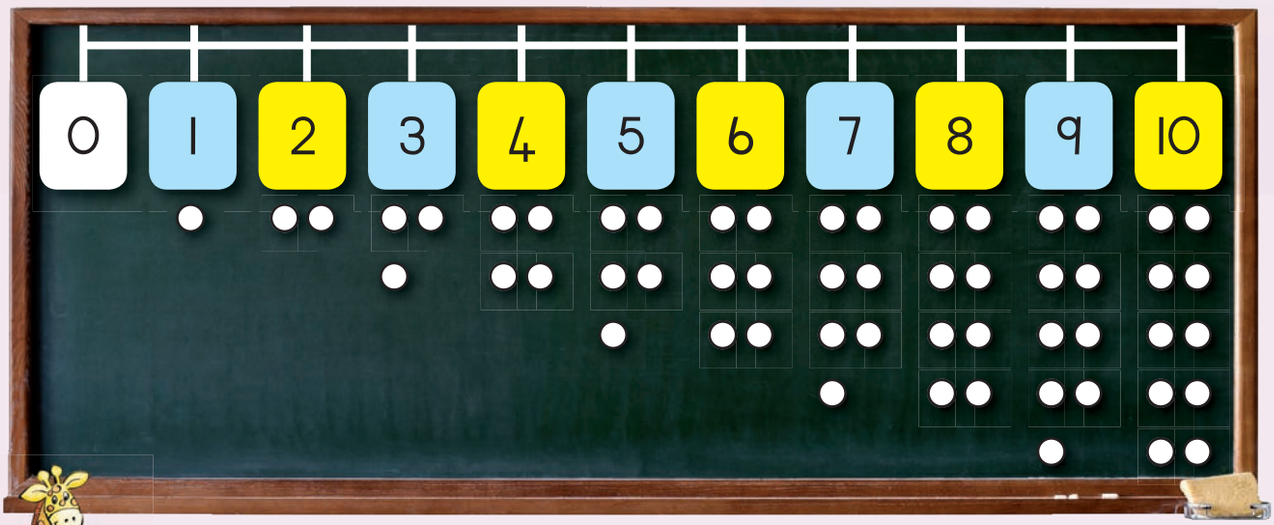
Date:

11 12 13 14 15 16 17 18 19 20

4

Deithi:

Nomboro dziṅwe hafhu



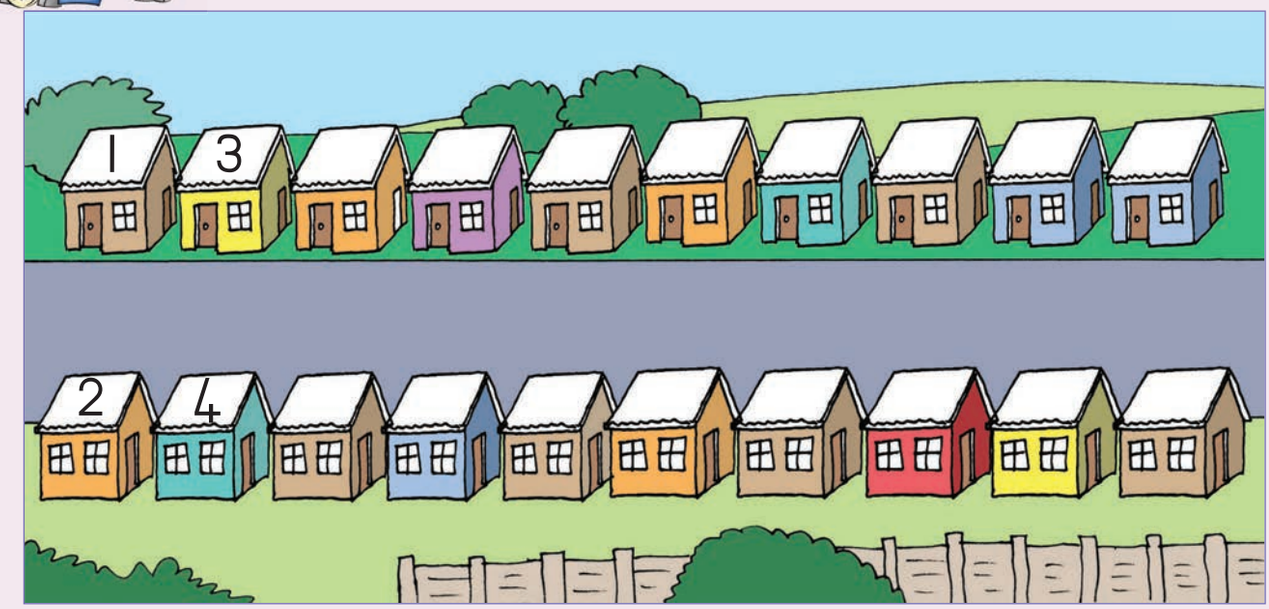
Olani △ kha nomboro dza ivini na ◯ kha dza odo.

ivini

odo

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

Tshivhalo tsha nnḓu.



1 2 3 4 5 6 7 8 9 10



Vhalani mivhala mivhili ya vhulungu.

Ṅwalani nomboro ya:

10	2	=	12
10	3	=	
10	5	=	
10	8	=	
10	9	=	

Ri nga i ṅwala sa:

10 + 2 = 12

□ + □ = □

□ + □ = □

□ + □ = □

□ + □ = □



Phindulo ndi ifhio?

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



1 3 5 7 9 11 13 15 17 19

2 4 6 8 10 12 14 16 18 20

Teacher:

Sign:

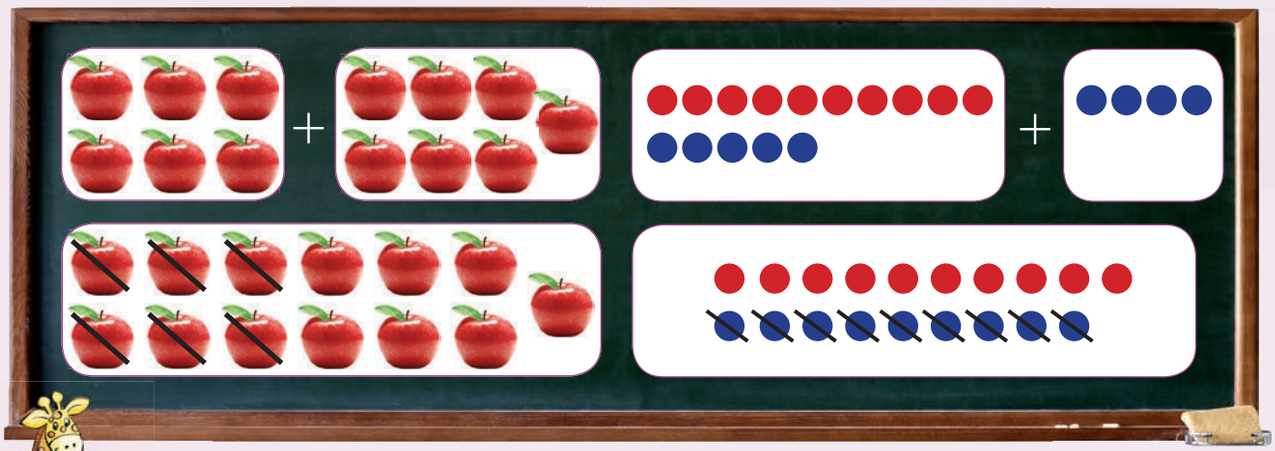
Date:

11 12 13 14 15 16 17 18 19 20

5

Deithi:

Mụtanganyo na mụtuso

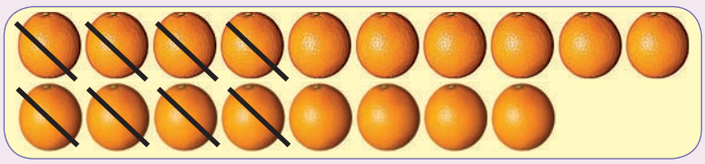




Ṭanganyani ni ṭuse.



9 + 8 = 17



18 − 8 = ☐



☐ + ☐ = ☐



☐ + ☐ = ☐



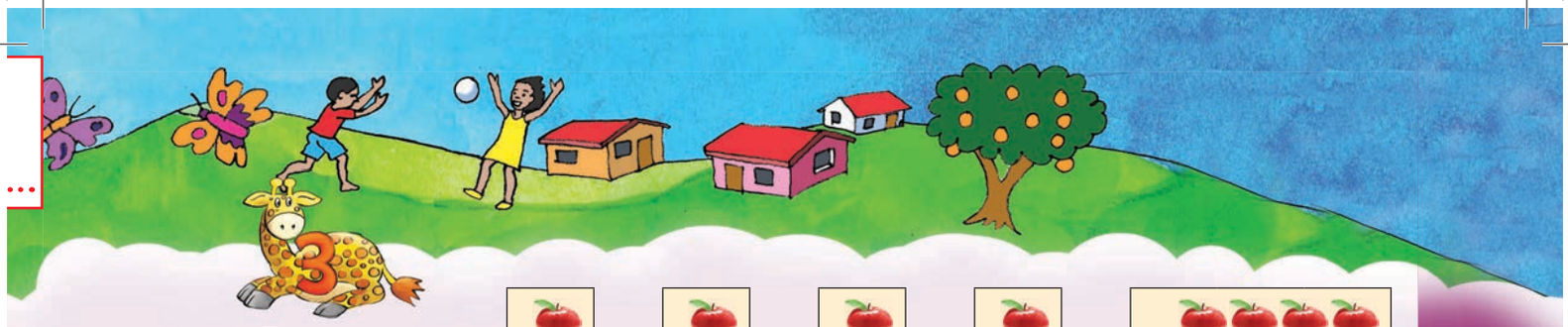
☐ + ☐ = ☐



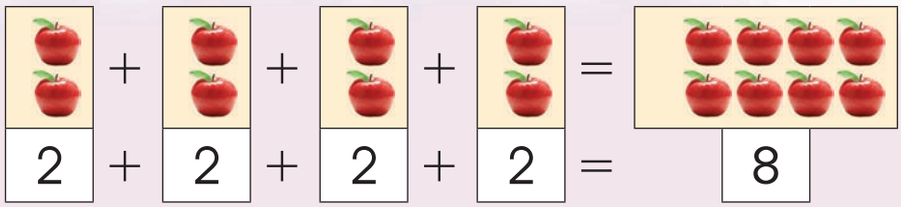
Rekanyani.

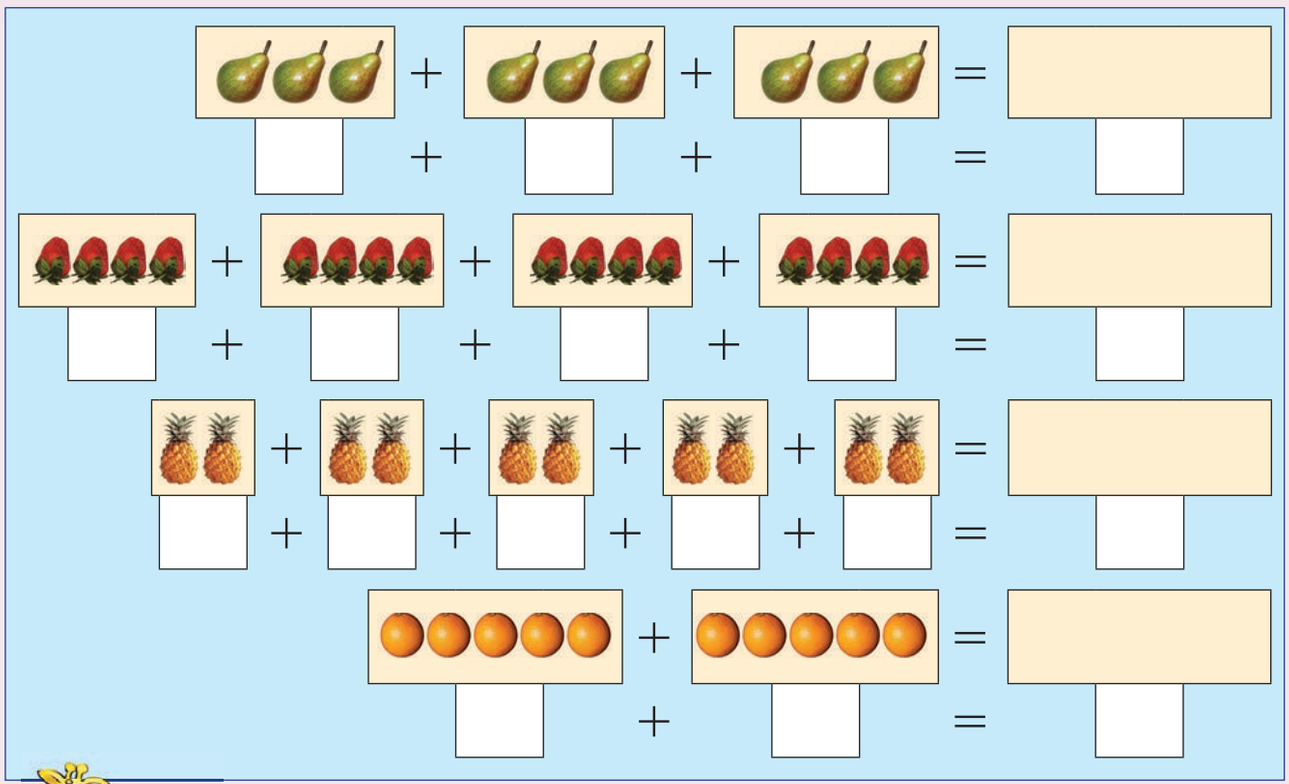
6 + 5 = ☐	8 + 9 = ☐	11 + 3 = ☐	12 − 5 = ☐
8 + 7 = ☐	3 + 8 = ☐	9 − 5 = ☐	16 − 9 = ☐
6 + 4 = ☐	8 + 4 = ☐	8 − 4 = ☐	6 − 4 = ☐





Tanganyani.







Rekanyani.

2 + 2 + 2 = ☐	1 + 1 + 1 + 1 + 1 + 1 = ☐	2 + 2 + 2 + 2 = ☐
4 + 4 = ☐	3 + 3 + 3 + 3 = ☐	4 + 4 + 4 + 4 = ☐
5 + 5 + 5 = ☐	5 + 5 = ☐	1 + 1 + 1 = ☐





2 + 2 + 2 + 2 + 2 + 2

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

6

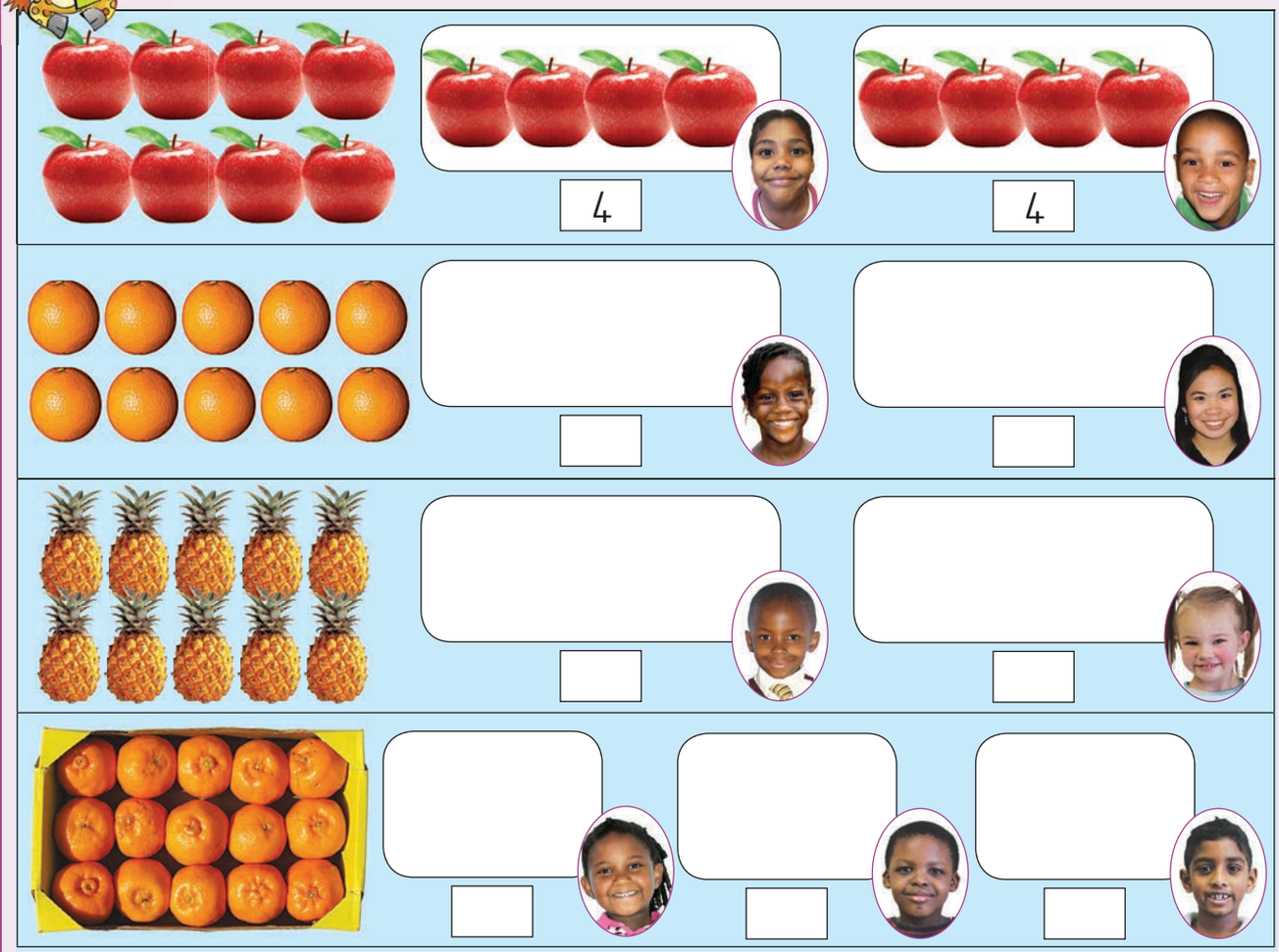
Deithi:

U kovhana tshelede

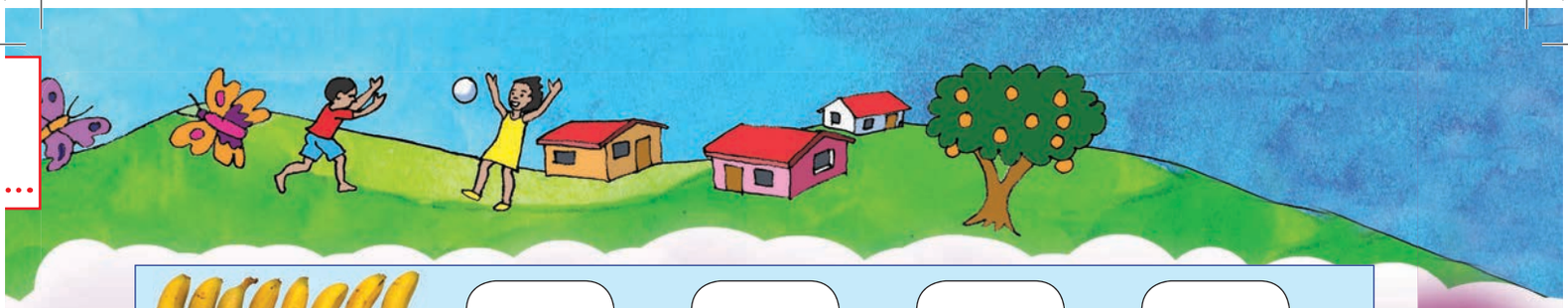




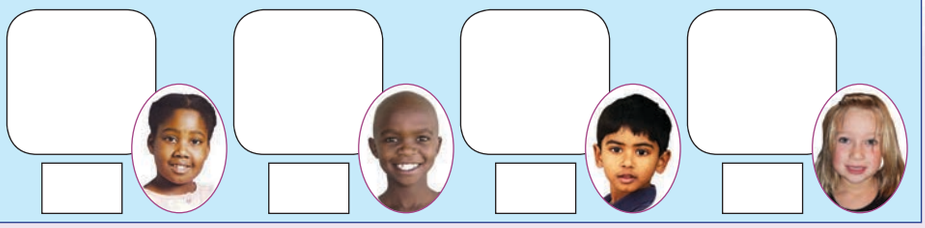
Kovhanani mitshelo i re afho fhasi.



1 2 3 4 5 6 7 8 9 10









Fhedzisani.



5 senthe

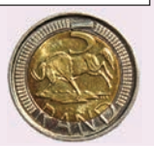


















Khaḽarani khoini kana noutu dzone u itela uri musi dzo ṱanganywa dzi ite tshivhalo (gemo) tshi no fana na tshi re kha khoini kana noutu ya tshifanyiso kha rou iṅwe na iṅwe.



= 10c 10c 5c 2c 1c 2c



= 5c 2c 2c 1c 2c 2c



= R2 R2 R1 R1 R1



= R5 R2 R1 R5 R1 R2



= R2 R2 R5 R5 R2 R1 R5



R1 1c R5 5c R10

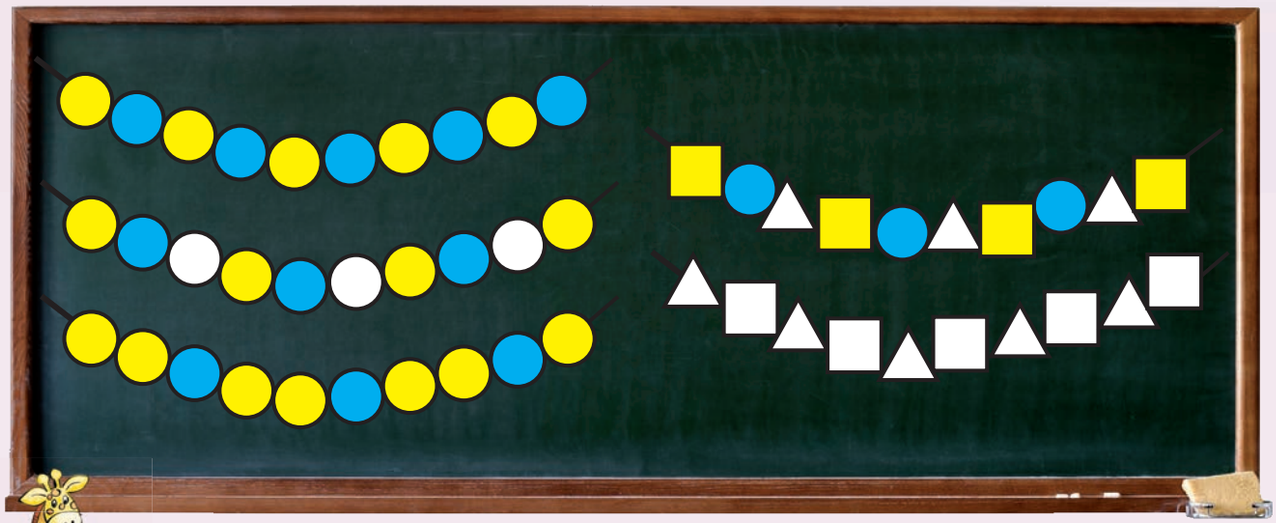
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

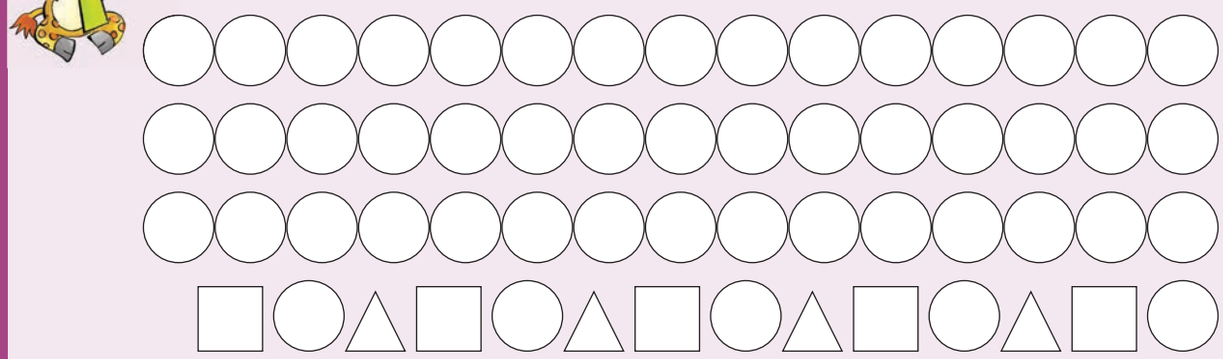
7

Deithi:

Phetheni

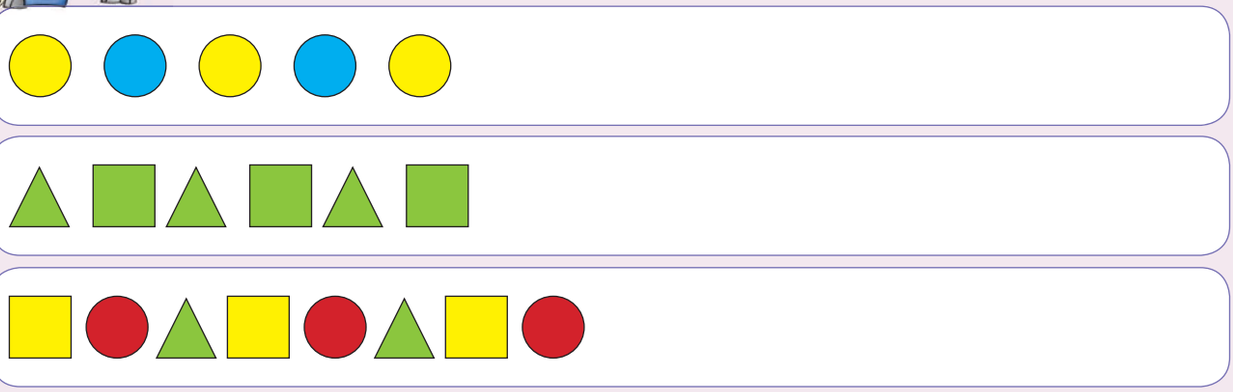


Kopololani phetheni kha zwikhala zwi re afho fhasi dzi tshi bva kha bodo ya tshoko.



Engedzani phetheni.



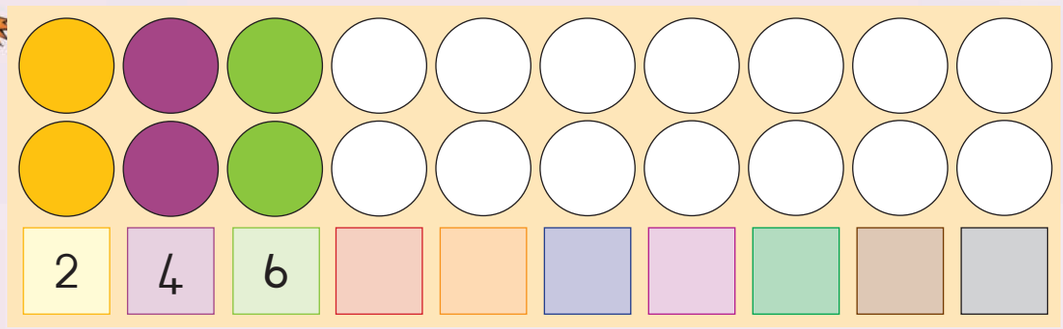






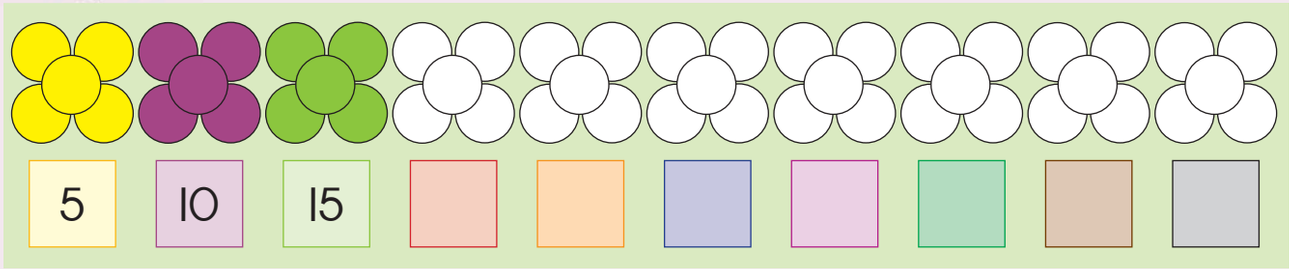


Khaḽarani vhulungu ni tshi khou ralo u vhu vhala nga vhuvhili.



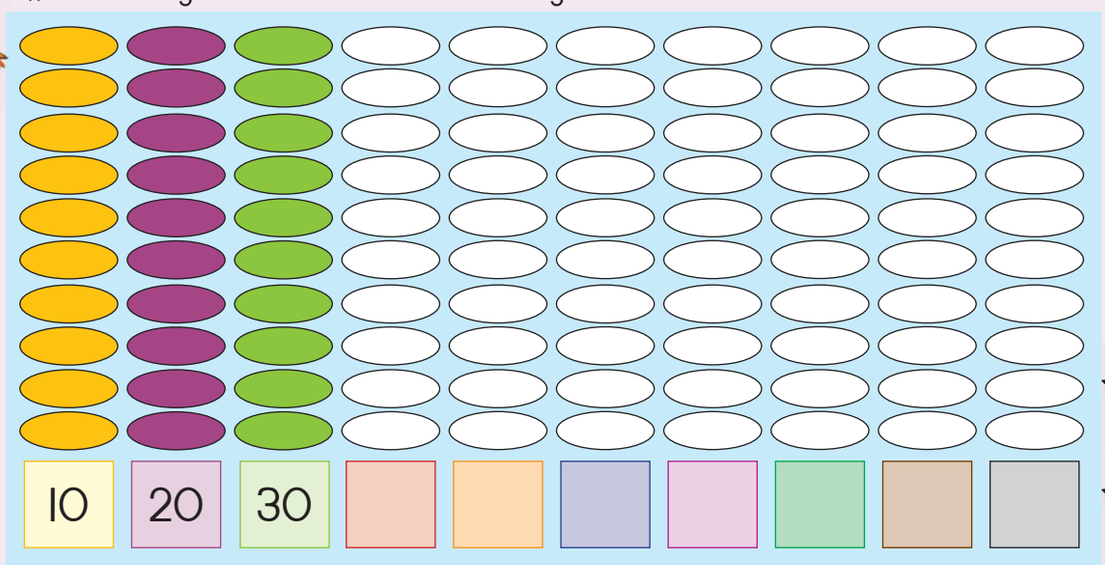


Khaḽarani maluvha ni tshi khou ralo u a vhala nga maṱanu.





Khaḽarani vhulungu ni tshi khou ralo u vhu vhala nga mahumi.





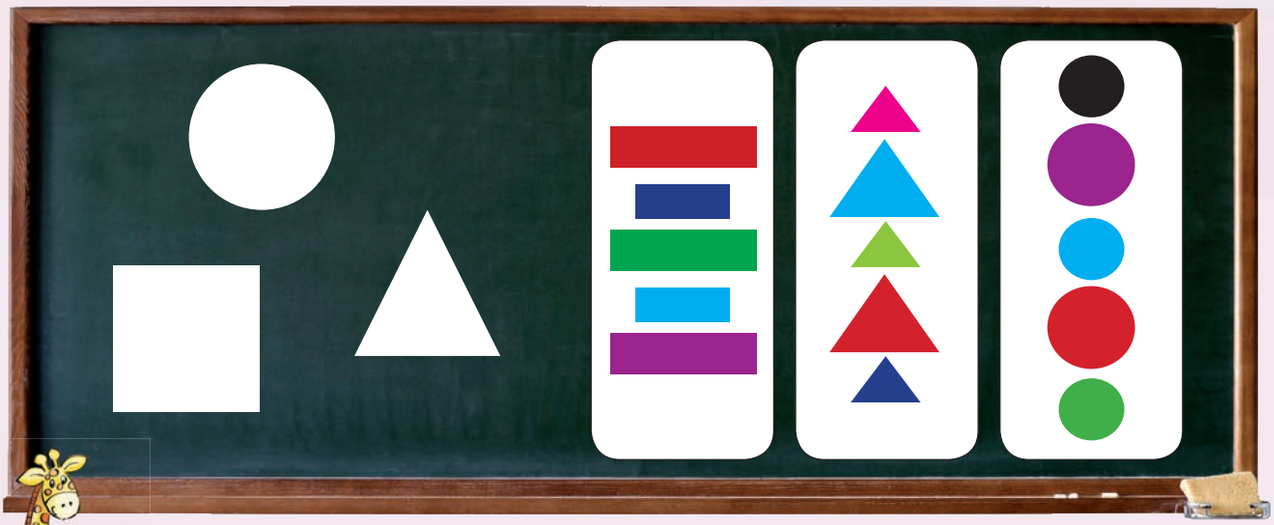
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

8

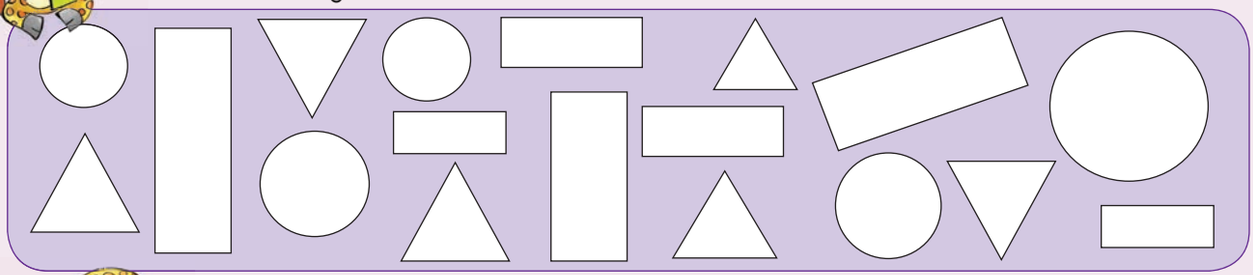
Deithi:

Zwivhumbeo



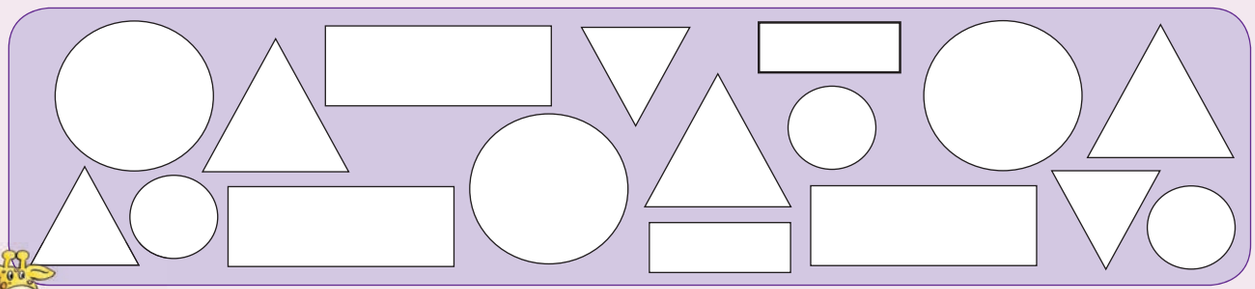


Khaḽarani rekithiengele nga muvhala wa lutombo, zwitendeledzi nga mutswuku na thofu nde raru nga wa ṱaḓa.



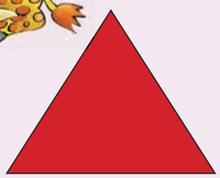


Khaḽarani zwitendeledzi zwoṱhe zwihulwane nga muvhala mutswuku, rekithiengele nga mudala na thofu nde raru ṱhukhu nga wa ṱaḓa.





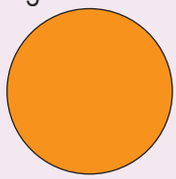
Naa masia aya ndi a tswititi kana tshipulumbu? Khaḽarani phindulo i re yone.



tswititi | tshipulumbu



tswititi | tshipulumbu



tswititi | tshipulumbu

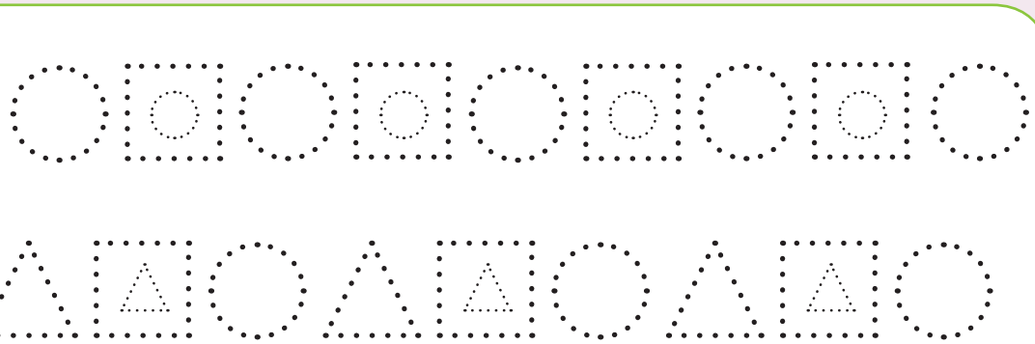




Olani lu̱la lu̱we luf haf ha lwa tshisusu.







Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

9

Deithi:

Bola na zwibogisi





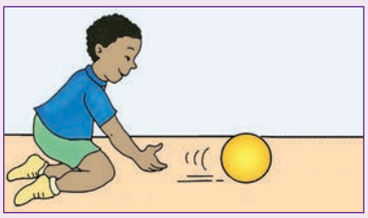
1 Tangedzelani zwibogisi nga muvhala wa lutombo na bola nga mutswuku.



2 Khaḽarani phindulo yone.

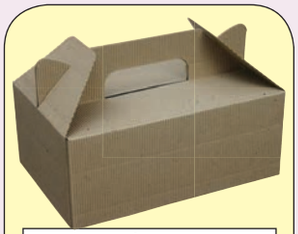


Tshibogisi tshi a | swenda | kunguluwa



Bola i a | swenda | kunguluwa

Khaḽarani phindulo yone.

			
matungo a tshipulumbu	matungo a tshipulumbu	matungo a tshipulumbu	matungo a tshipulumbu
matungo a tswititi	matungo a tswititi	matungo a tswititi	matungo a tswititi
			
matungo a tshipulumbu	matungo a tshipulumbu	matungo a tshipulumbu	matungo a tshipulumbu
matungo a tswititi	matungo a tswititi	matungo a tswititi	matungo a tswititi



Ambani arali bola i murahu, nga phanḓa ha, tsini na kana nga nṱha ha tshibogisi.

	murahu ha	nga phanḓa ha	
	tsini na	nga nṱha ha	
	murahu ha	nga phanḓa ha	
	tsini na	nga nṱha ha	
	murahu ha	nga phanḓa ha	
	tsini na	nga nṱha ha	
	murahu ha	nga phanḓa ha	
	tsini na	nga nṱha ha	



bola bogisi

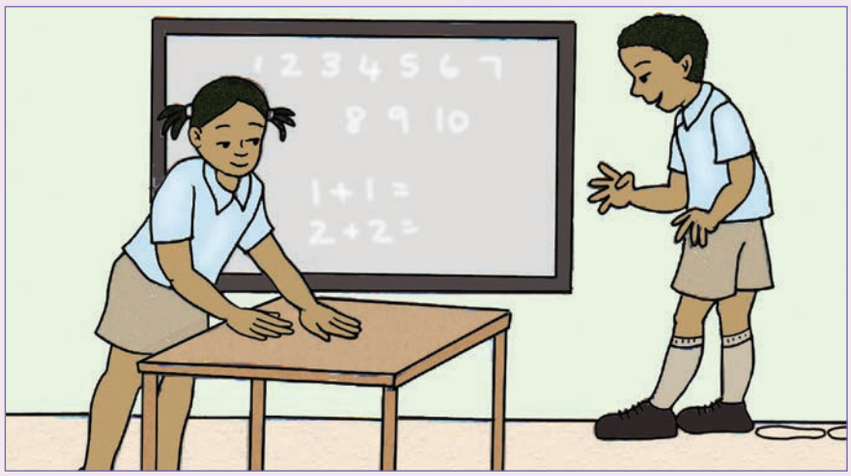
Teacher:
Sign:
Date:

10

Deithi:

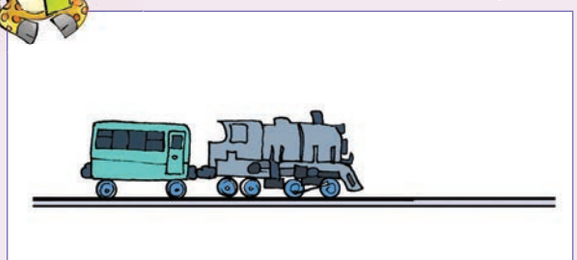
Vhulapfu

Vha khou ita mini?



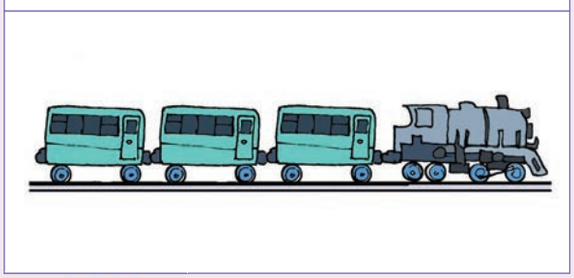


Ndi tshidimela tshifhio tshi re tshipfufhi kana tshilapfu?





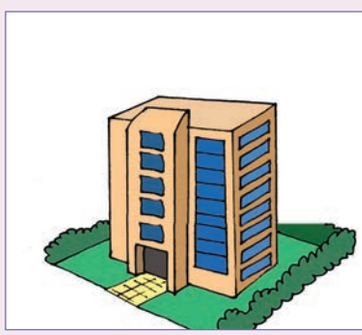
tshilapfu | tshilapfu



tshilapfu | tshilapfu



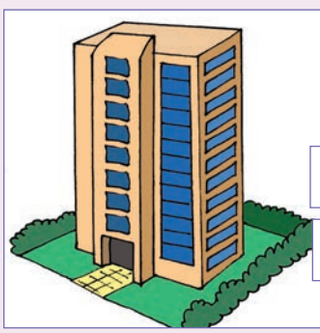
Ndi tshifaṱo tshifhio tshi re tshilapfu kana tshipfufhi?



tshilapfu

tshilapfu

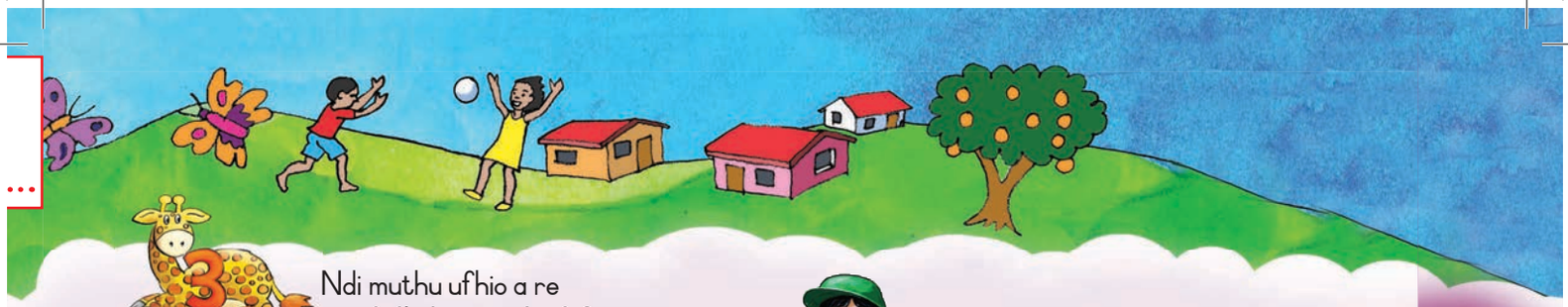




tshilapfu

tshilapfu

1 2 3 4 5 6 7 8 9 10

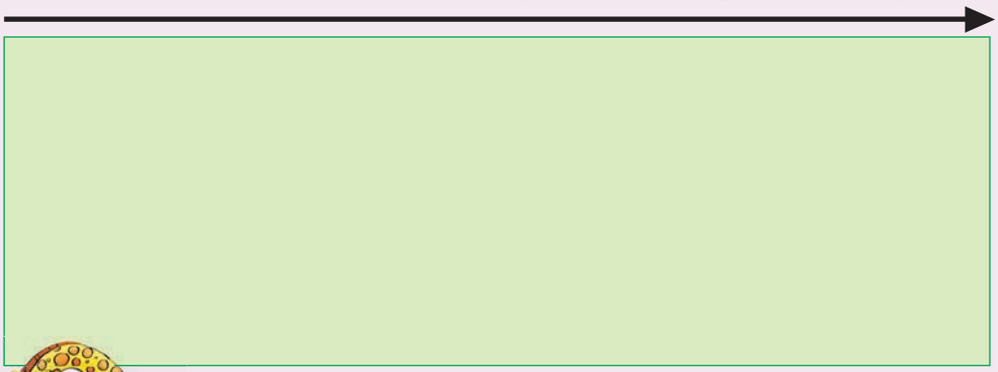


Ndi muthu ufhio a re mupfufhi kana mulapfu?



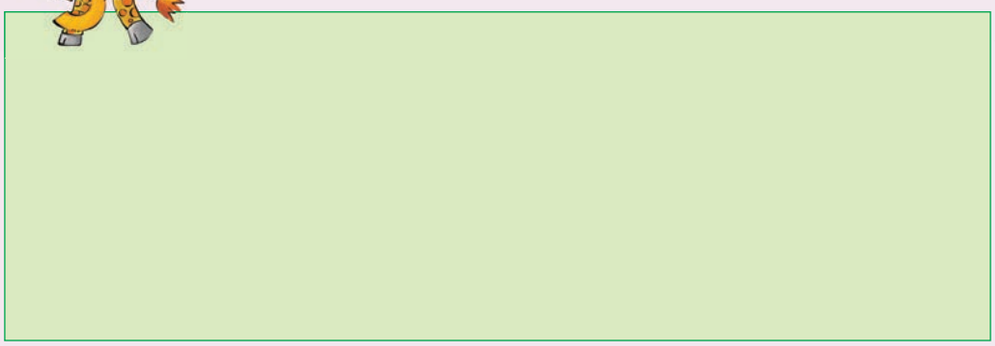
mupfufhi	mupfufhi
mupfufhi	mupfufhi

Shumisani tshigeriwa I tsha tshanḓa. Thofu nde ina iyi yo lapfa nga zwanḓa zwingana?
Shumisani tshigeriwa I tsha ṋayo. Thofu nde ina yo lapfa nga ṋayo nngana?





Zwino kalani vhulapfu ha thofu nde ina nga zwanḓa na ṋayo.





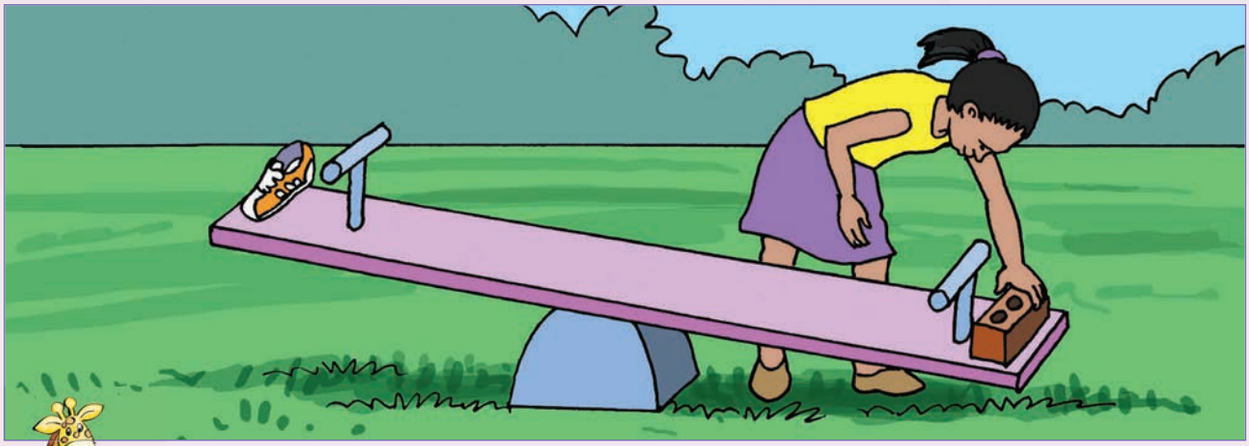
11 12 13 14 15 16 17 18 19 20

Teacher:
Sign:
Date:

11

Deithi:

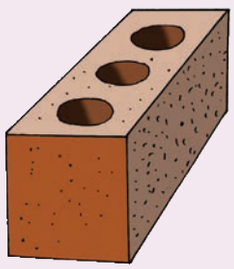
Tshileme





Bulani uri tshithu tshi a lemela kana u leluwa u fhira tshiṅwe naa.

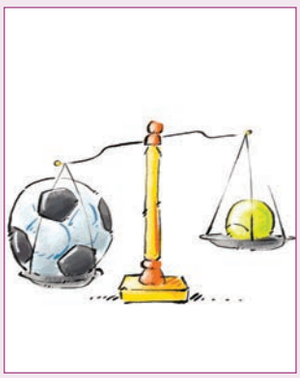




lemela	leluwa	lemela	leluwa

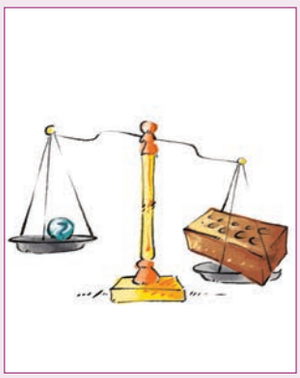


Tangedzelani tshithu tshi no lemela.

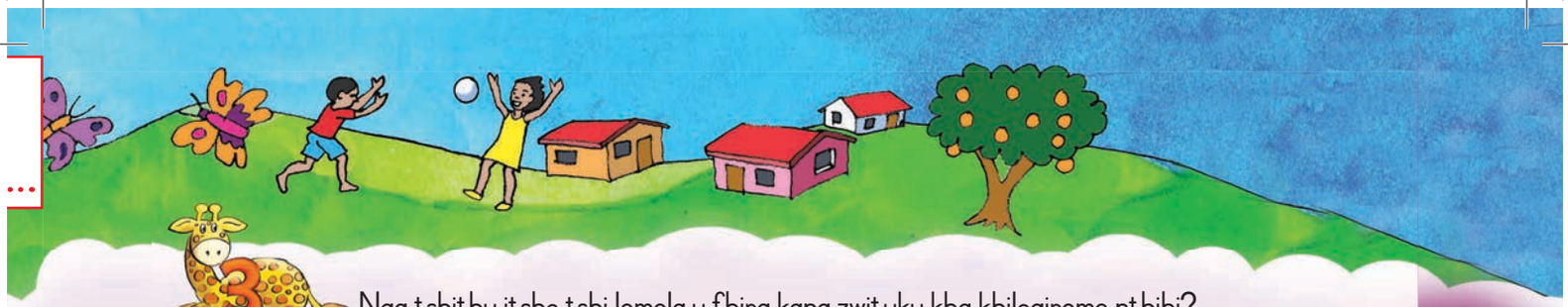




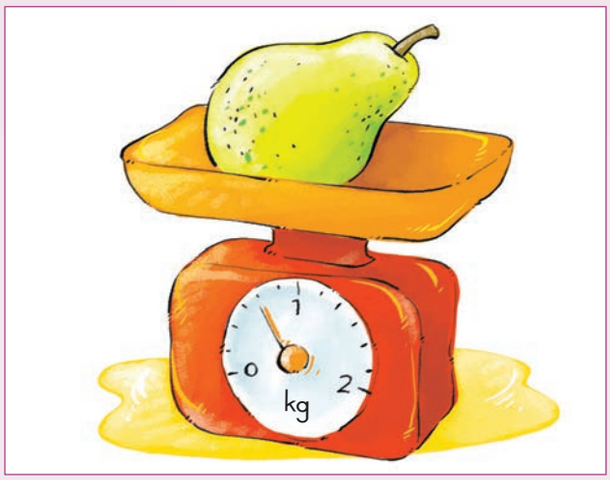








Naa tshithu itsho tshi lemela u fhira kana zwiṱuku kha khiḽogireme nthihi?



lemela	leluwa



lemela	leluwa



lemela	leluwa



lemela	leluwa



lemela leluwa

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

12

Deithi:

Khaphasithi

Ambani nga tshifanyiso.





Khaḽarani phindulo yone.



ḓala	a hu na tshithu	hafu



ḓala	a hu na tshithu	hafu



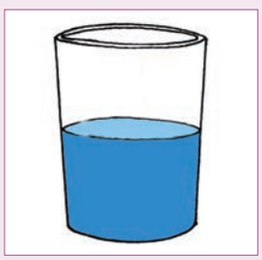
ḓala	a hu na tshithu	hafu



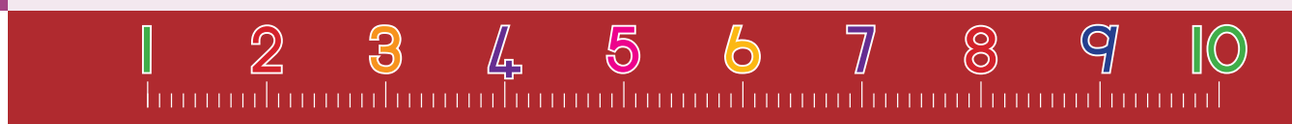
ḓala	a hu na tshithu	hafu

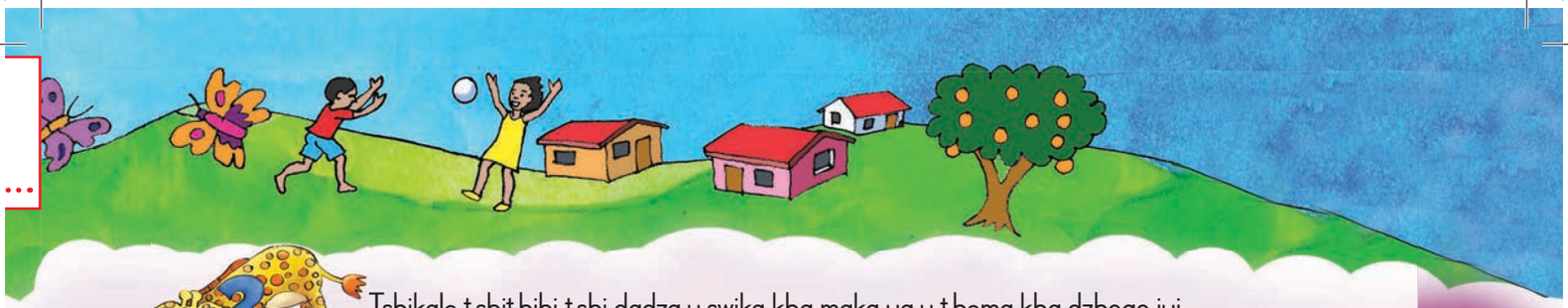


ḓala	a hu na tshithu	hafu



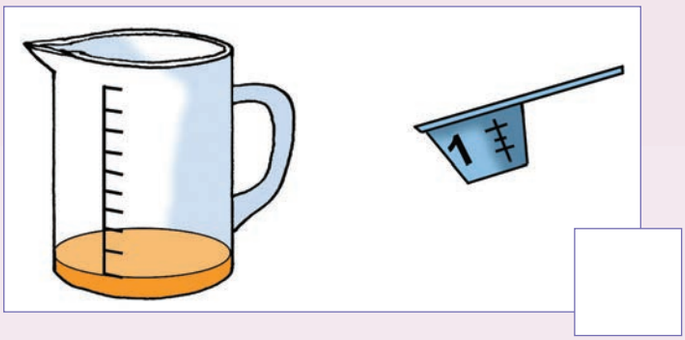
ḓala	a hu na tshithu	hafu





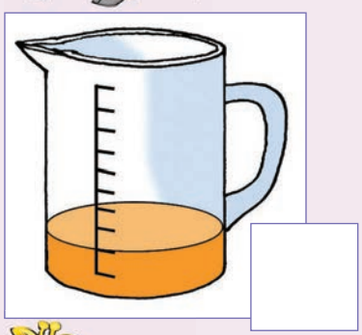


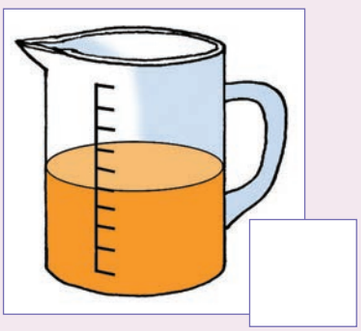
Tshikalo tshithihi tshi ḓadza u swika kha maka ya u thoma kha dzhege iyi.
Ndi zwikalo zwingana zwine zwa ḓo ḓadza dzhege iyi?

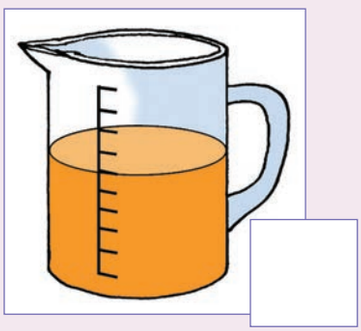




Ndi zwikalo zwingana zwo shelwaho kha dzhege idzi?



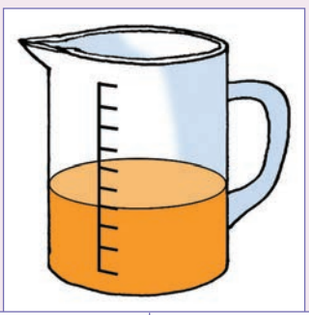






Dzhege i re kha tsha monde i fara I ḽitha ya dzhusi. Ndi dzhege if hio i re na dzhusi i linganaho nahone ndi dzhege if hio i re na ṱhukhu.





lingana	ṱhukhu



lingana	ṱhukhu



ḓola a hu na tshithu

Teacher:
Sign:
Date:

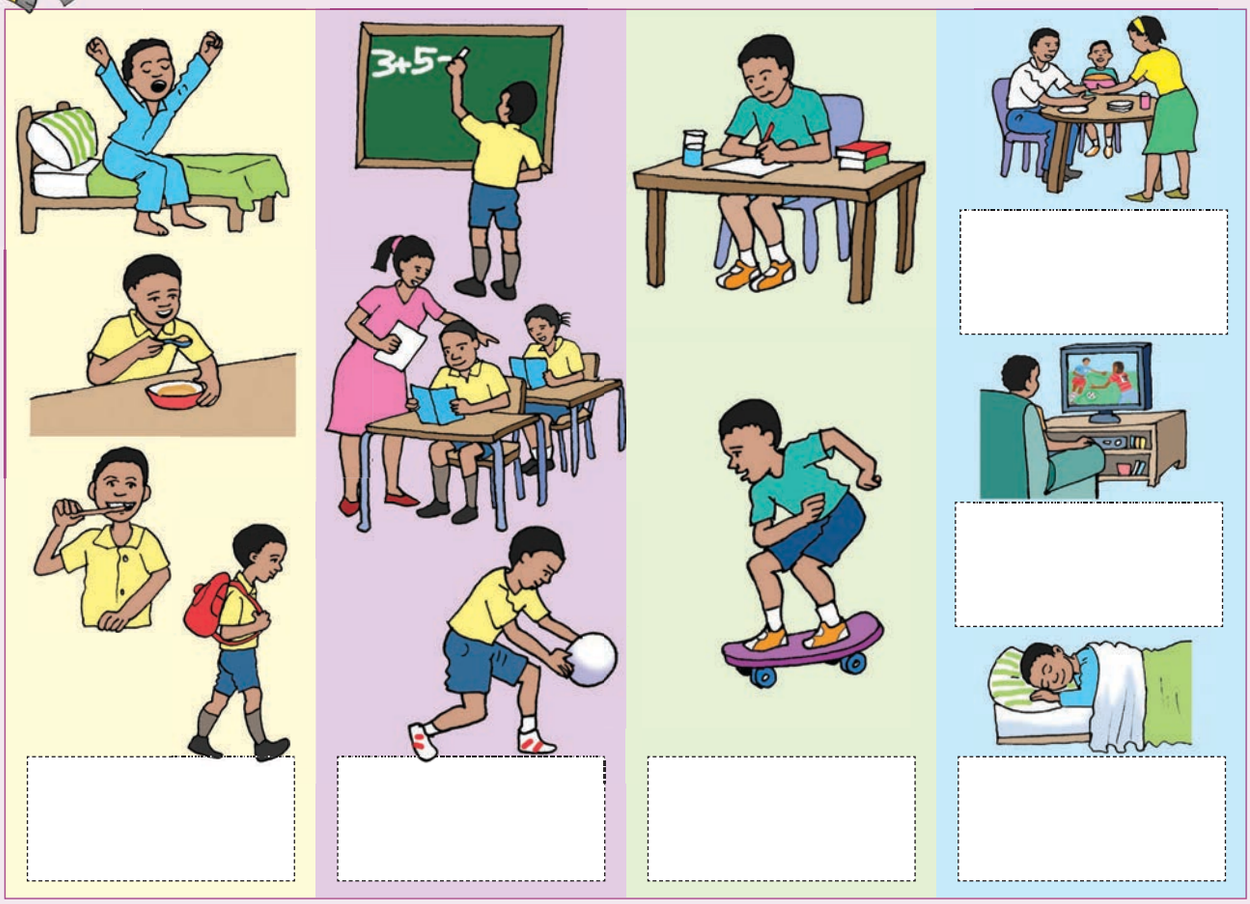
11 12 13 14 15 16 17 18 19 20

13

Deithi:

Tshifhinga

1 Iyani kha Tshigeriwa I. Gerani maipfi ni a nambatedze fhasi ha zwifanyiso ni tshi sumbedza tshifhinga.



2 Fhedzisani mafhungo.

Ndi _____ nga matshelonitsheloni.

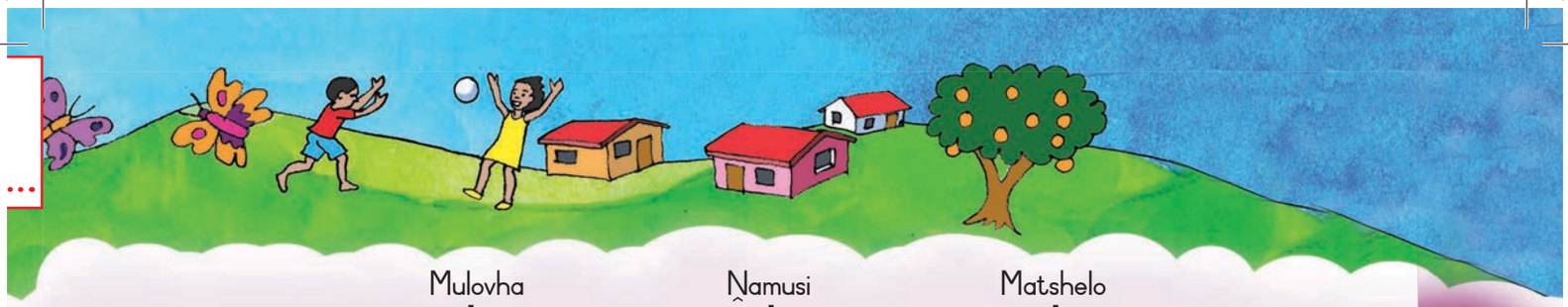
Ndi _____ nga matsheloni.

Ndi _____ nga masiari.

Ndi _____ ḓuvha ḽiṅwe na ḽiṅwe.

Ndi _____ u lenga ḓuvha ḽiṅwe na ḽiṅwe.

1 2 3 4 5 6 7 8 9 10



Mulovha | Namusi | Matshelo









Fhindulani mbudziso.

Ṅwana u khou ita mini ṋamusi? _____

Ṅwana o ita mini mulovha? _____

Ṅwana u ḓo ita mini matshelo? _____



Olani tshifanyiso tsha inwi muṋe.

Matshelo	Namusi	Mulovha



Mulovha



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

14

Deithi:

Khaḽenda ya Ḓuvha ḽa Mabebo



1 Tevhedzelani miṅwedzi.

Phando
Sipho
Muruṅwa
Annie

Luhuhi
Mpho
Sandani

Ṱhafamuhwe
Sam
Juan

Lambamai
Betty
Luambo

Shundunthule
Kanakan
Ricco
Maanḓa

Fulwi
Mpho

Fulwana
Palesa
Fulufhelo
Kayla

Ṱhangule
Mbali
Aifheli
Mary

Khubvumedzi
John

Tshimedzi
Karin
Jaco

Ḽara
Gugu
Dian

Nyendavhusiku
Mulalo
Richard
Rendani

1 2 3 4 5 6 7 8 9 10





Ṅwalani dzina ḽa ṅwana muṅwe na muṅwe a re kiḽasini ya vhoiwe kha iyi khaḽenda ya maḓuvha a mabebo.

Phando	Luhuhi	Ṱhafamuhwe
Lambamai	Shundunthule	Fulwi
Fulwana	Ṱhangule	Khubvumedzi
Tshimedzi	Ḽara	Nyendavhusiku



Ḓuvha ḽa mabebo ḽanga ndi ḽa

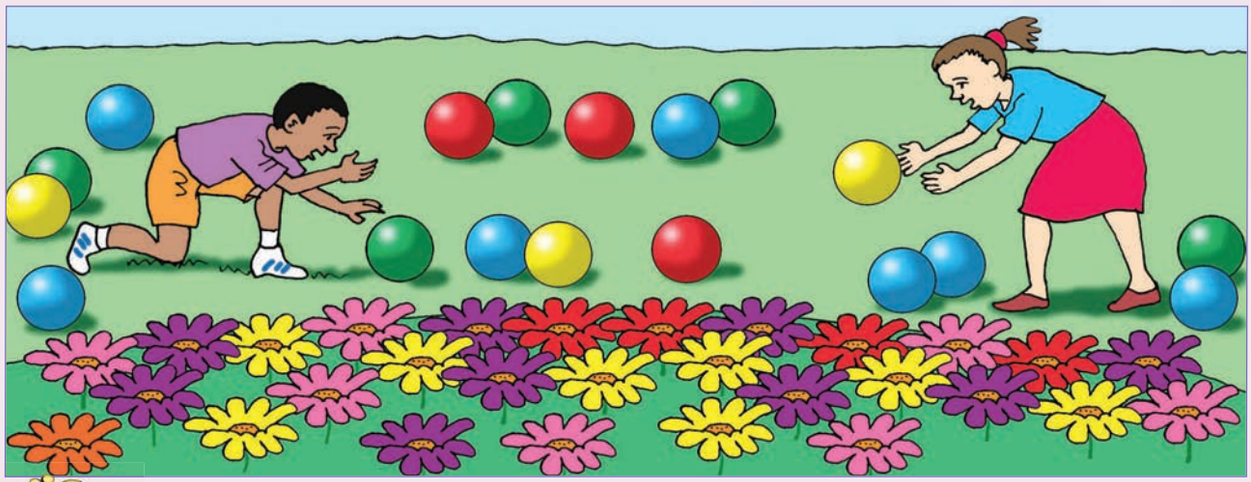
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

15

Deithi:

Kuvhanganyani ni vhekanye





Kuvhanganyani na u vhekanya bola ni dzi ole kha tshibogisi tshone.

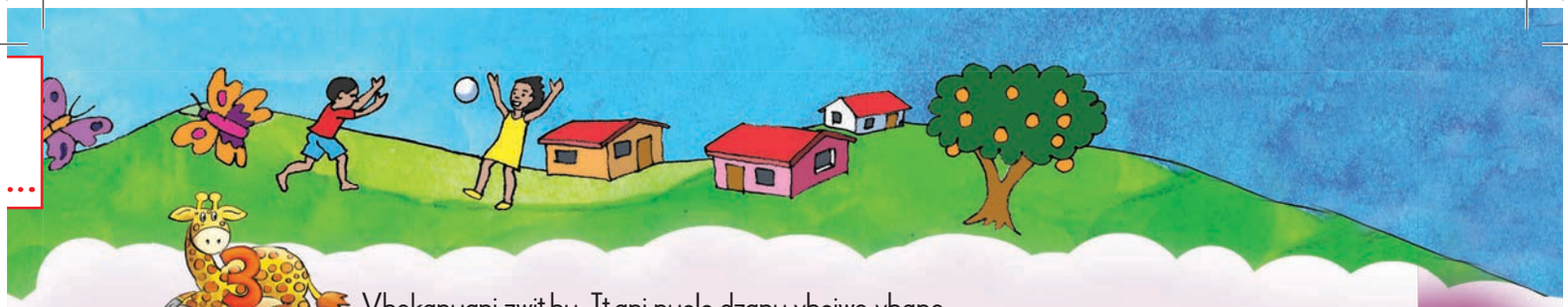
bola dala	bola tswuku	bola dza lutombo	bola dza ṱaḓa



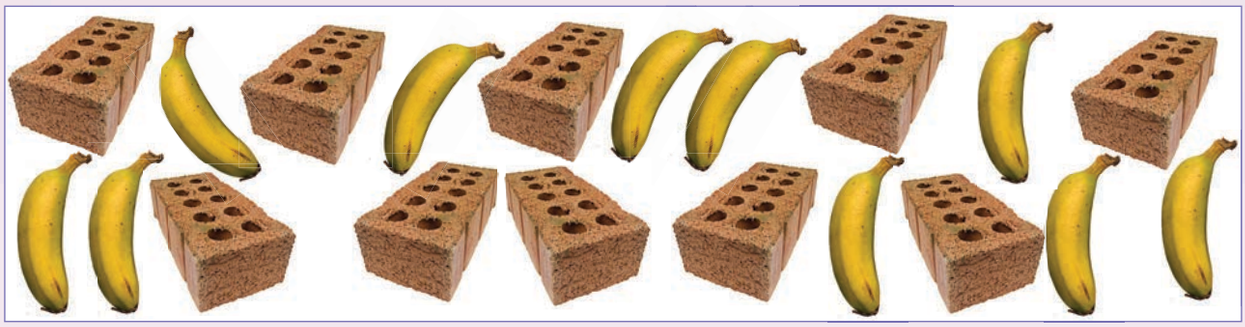
Kuvhanganyani maluvha ni a vhekanye.

maluvha a ṱaḓa	maluvha matswuku	maluvha a phephuḽu	maluvha a pinki	maluvha a tshitopana
				



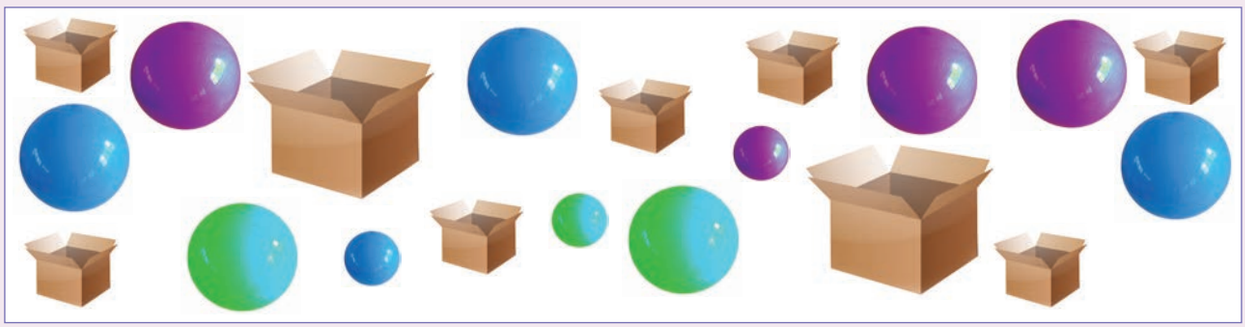


Vhekanyani zwithu. Itani nyolo dzaṋu vhoiwe vhaṋe.



zwithu zwi leluwaho

zwithu zwi lemelaho



bola ṱhukhu

bola khulwane

zwibogisi zwiṱuku

mabogisi mahulwane



11 12 13 14 15 16 17 18 19 20

Teacher:

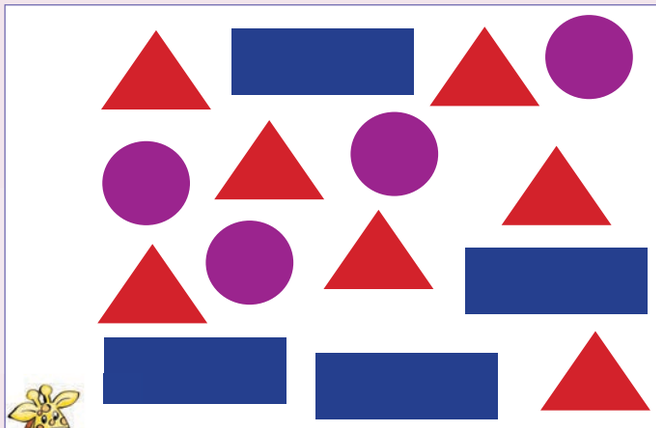
Sign:

Date:

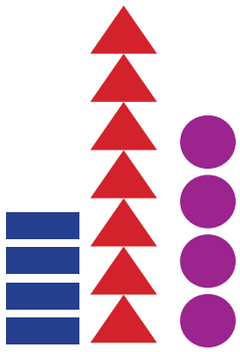
16

Deithi:

Vhalani ni ṱalutshedze

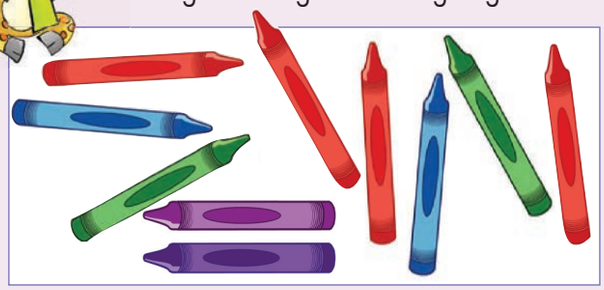


Nyolo yanga nṋe muṋe



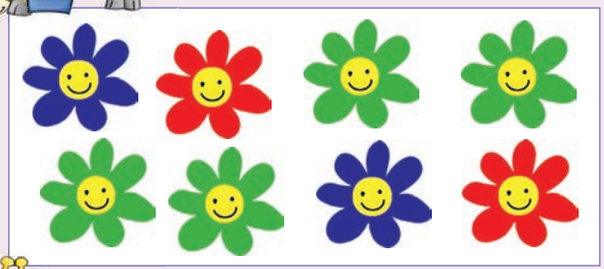


Vhekanyani khirayoni. Itani nyolo yadzo.





Vhekanyani maluvha. Itani nyolo yao.





Vhekanyani makole na misengavhadzimu. Zwi oleni.



1 2 3 4 5 6 7 8 9 10



Fhindulani mbudziso.

		
tharaiengele	rekithiengele	zwitendeledzi

Ndi thiraiengele nngana dzi re hone? ____

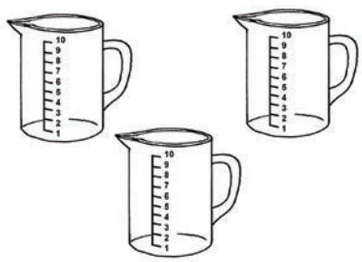
Ndi thiraiengele nngana dzi re hone? ____

Ndi zwitendeledzi zwingana zwi re hone? ____

Hu na thiraiengele nnzhi kana rekithiengele naa? ____

Hu na zwitendeledzi zwinzhi kana thiraiengele naa? ____

Hu na zwitendeledzi zwinzhi kana rekithiengele naa? ____

		
a hu na tshithu	hafu	ḓala

Hu na dzhege nngana dzi si na tshithu? ____

Hu na dzhege nngana dzi re hafu? ____

Hu na dzhege nngana dzo ḓalaho? ____



O A O A O A O A O A O

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

17

Deithi:

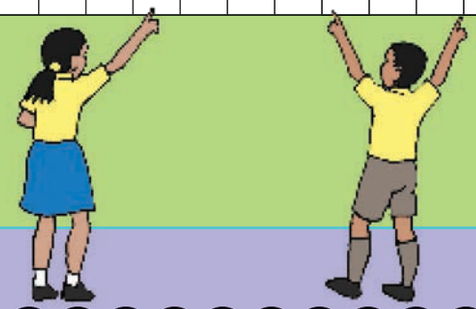


Rangela, tevhela na vhukati

Ṱalutshedzani nomboro ni tshi khou shumisa maipfi rangela vhukati ha na murahu ha.

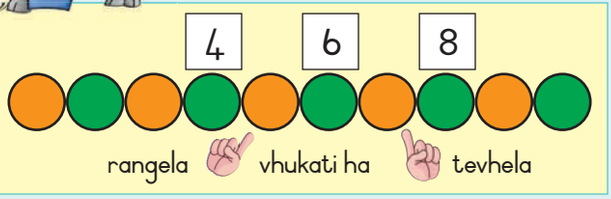
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

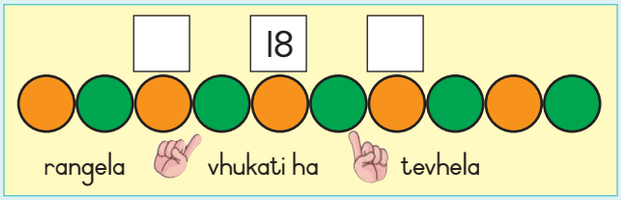
Tsumbo: Bola iṅwe na iṅwe tswuku i vhukati ha bola mbili dza lutombo.

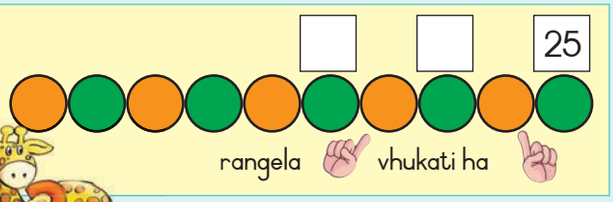


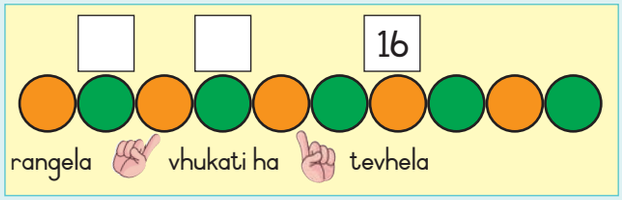


Ṅwalani nomboro yone kha tshikwea.











Dzhenisani nomboro dzi no khou ṱahelaho.

	2			5	
	12			15	
13			16		

10			13		
	17			20	
20					25

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

Ndi nomboro ifhio i no rangela (8)? _____

Ndi nomboro ifhio i re tvhela (16)? _____

Ndi nomboro dzifhio dzi re vhukati ha (8) na (12)? _____





Khaḽarani nga muvhala wa lutombo nomboro dzi re vhukati ha 14 na 17. Khaḽarani nga muvhala mutswuku nomboro i no rangela 14. Khaḽarani nga wa ṱaḓa nomboro ya murahu ha 17.

11	12	13	14	15	16	17	18	19	20

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Ṅwalani nomboro dzoṱhe dzi re kha vhulungu ha ṱaḓa.
Nomboro dzi re kha vhulungu ha ṱaḓa dzi pfi mini.

_____

Ṅwalani nomboro dzoṱhe dzi re kha vhulungu ha pinki.
Ni vhidza mini nomboro dzi re kha vhulungu ha pinki dzi pfi mini?

_____



Kovhani vhulungu ha ṱaḓa kha vhana vho ambaraho zwikhipha zwa ṱaḓa. Ndi vhulungu vhungana vhune muṅwe na muṅwe a nga wana? _____ Hu na vhulungu ho salaho naa? _____
Kovhelani vhulungu ha pinki vhana vho ambaraho pinki. Ndi vhulungu vhungana vhune muṅwe na muṅwe a wana? _____

Fhindulani mbudziso dzi tevhelaho.

Ṅwalani nomboro tharu dza ivini dzine dza tevhela 12? _____
Ṅwalani nomboro tharu dza odo dzine dza tevhela 14? _____
Ndi nomboro dzifhio dza odo dzine dza ḓa vhukati ha 18 na 24? _____
Ṅwalani nomboro dza ivini dzi re vhukati ha 8 na 18? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

18

Deithi:

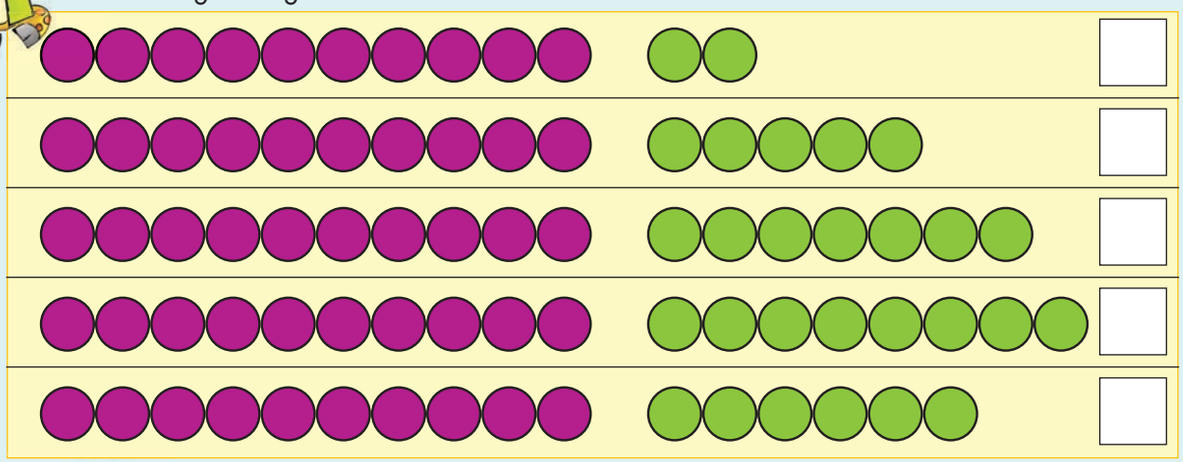
Nomboro 1 – 30

Ndi bugu nngana dzi re hone?
Ndi khambana nngana dza pennde dzi re hone?





Ndi vhulungu vhungana hu re hone?





Ndi bugu nngana dzi re hone?





Dzhenisani nomboro dzo ṱahelaho.

14	12	15	17	19	13	26	28	21	30
10 4	2	10	7	10					

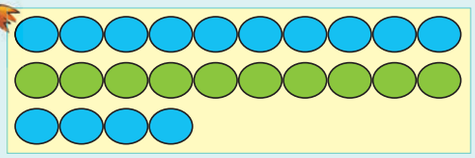




Lavhelesani kha tsumbo ya u thoma ni fhedzise dziṅwe dzoṱhe.

18	=	fumi ḽa	1	+	yuniti dza	8	kana	18	=	10	+	8
15	=	mahumi a		+	yuniti dza		kana		=		+	
19	=	mahumi a		+	yuniti dza		kana		=		+	
22	=	mahumi a		+	yuniti dza		kana		=		+	
24	=	mahumi a		+	yuniti dza		kana		=		+	

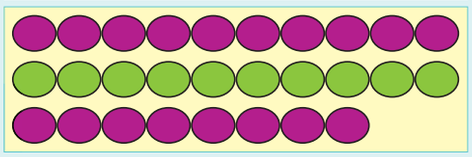
Ndi vhulungu vhungana he na vhala?



Nomboro

Ri nga i ṅwala sa:

20 + ____ = 24



Nomboro

Ri nga i ṅwala sa:

20 + ____ = 28

Ṅwalani nga maipfi.

10	_____	11	_____
12	_____	13	_____
14	_____	15	_____
16	_____	17	_____
18	_____	19	_____
20	_____	21	_____
22	_____	23	_____
24	_____	25	_____

Lavhelesani tsumbo ya u thoma ni fhedzise mbalo dzo salaho.

25	=	mahumi a	2	+	yuniti dza	5	22	=	mahumi a	2	+	yuniti dza	2
13	=	mahumi a		+	yuniti dza		21	=	mahumi a		+	yuniti dza	
26	=	mahumi a		+	yuniti dza		19	=	mahumi a		+	yuniti dza	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

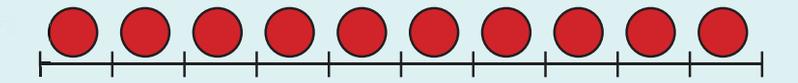
19

Deithi:

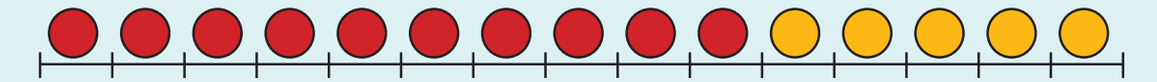
Mitalombalo



Dzhenisani nomboro dzo ṱahelaho.



0	1			4						10

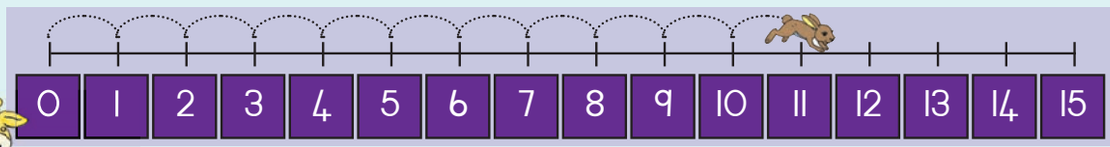


0					5	6									15

Muvhuḓa wo fhufha u swika ngafhi? Shumisani mutalombalo kha u wana phinduho.

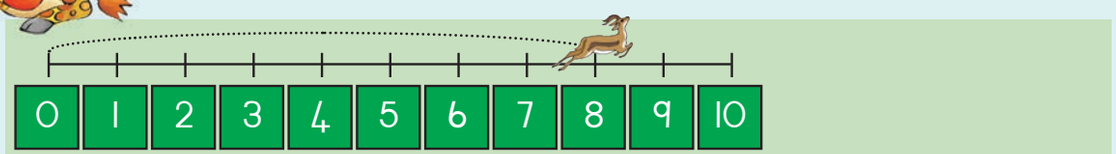


0	1	2	3	4	5	6	7	8	9	10

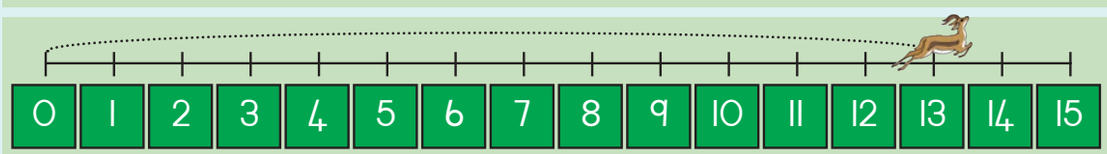


0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Phala yo fhufha u swika ngafhi? Shumisani mutalombalo kha u wana phinduho.



0	1	2	3	4	5	6	7	8	9	10

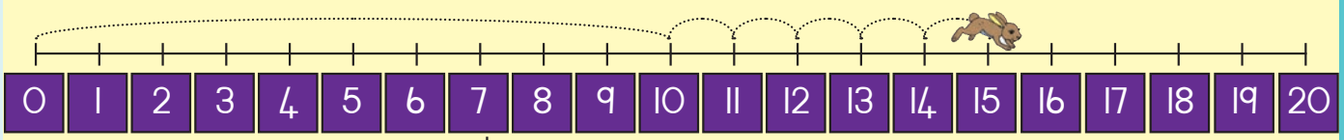


0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

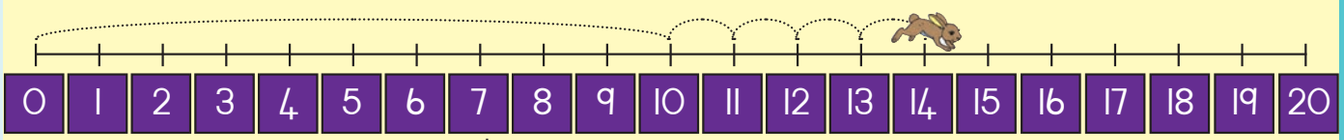




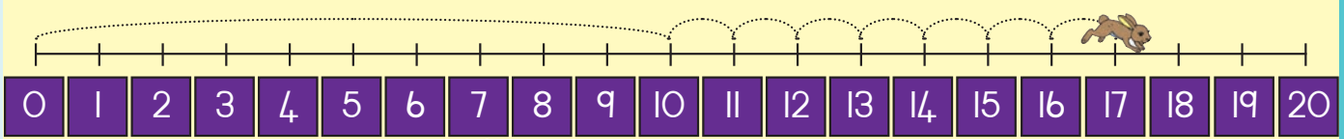
Fhedzisani mutalombalo. Muvhuḓa wo fhufha u swika ngafhi?



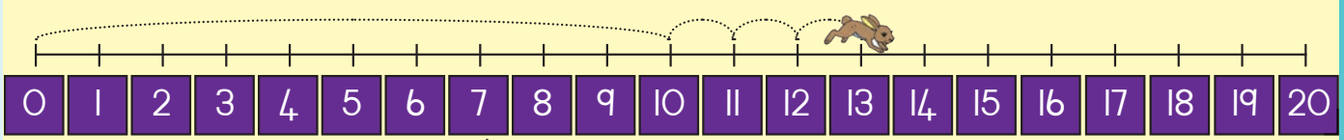
mahumi		yuniti		
10	+	5	=	



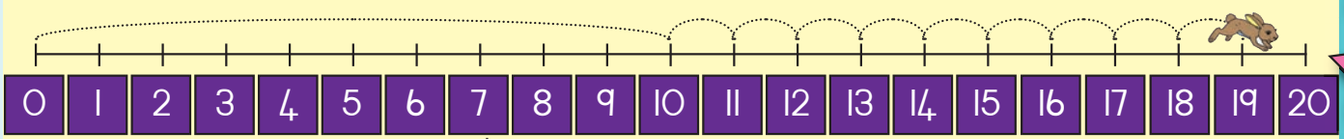
mahumi		yuniti		
	+		=	



mahumi		yuniti		
	+		=	



mahumi		yuniti		
	+		=	



mahumi		yuniti		
	+		=	



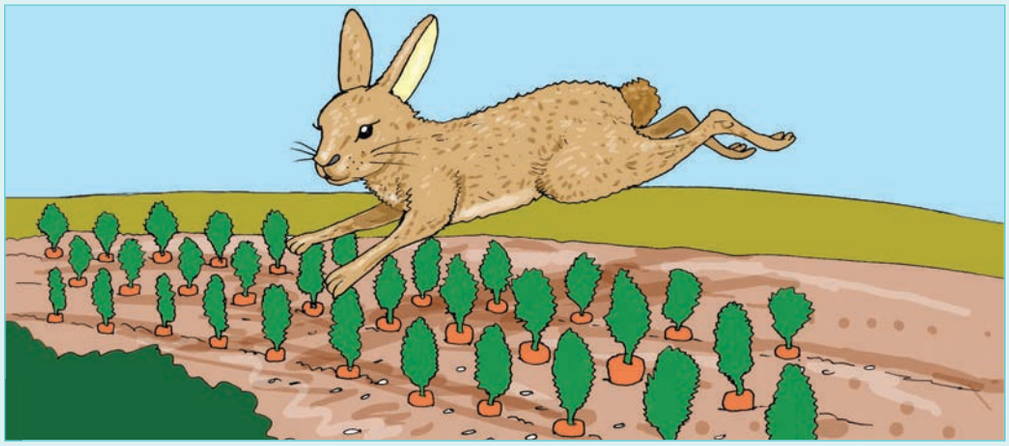
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

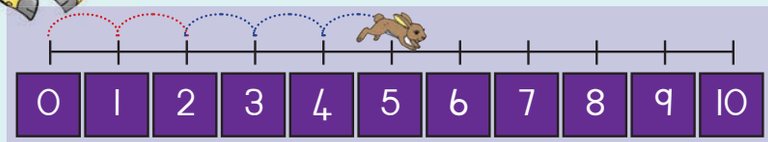
20

Deithi:

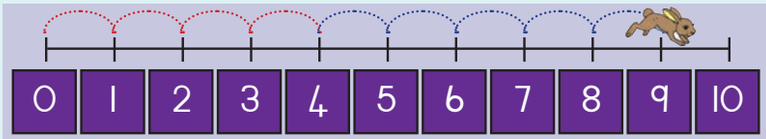
Mitalombalo miṅwe



Shumisani mutalombalo uri u ni thuse kha u wana phindulo.

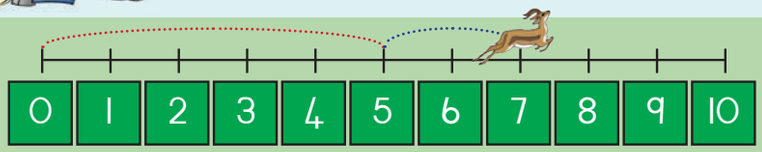


2 + 3 = 5

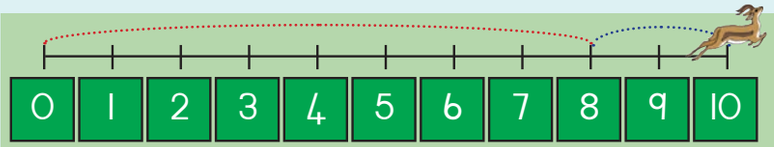


__ + __ = __

Thusani phala u ṅwala mbalo.
Shumisani mutalombalo uri u ni thuse kha u wana phindulo.

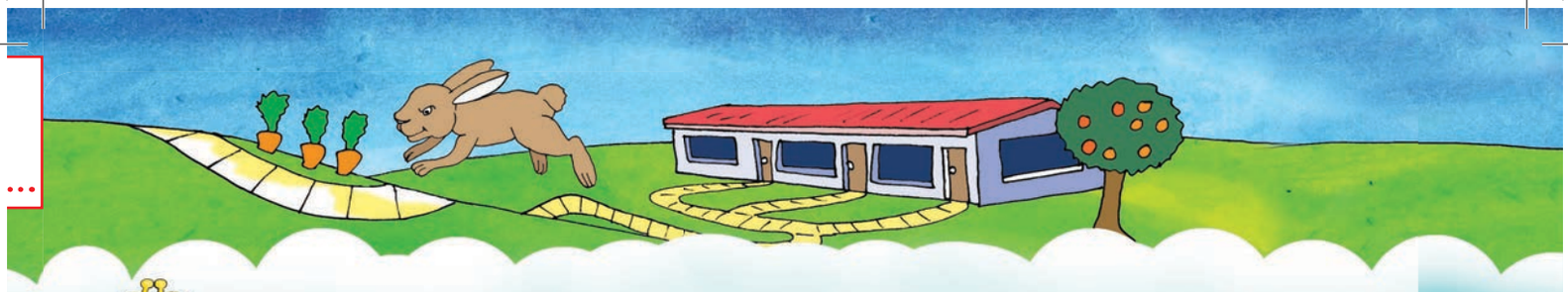


__ + __ = __



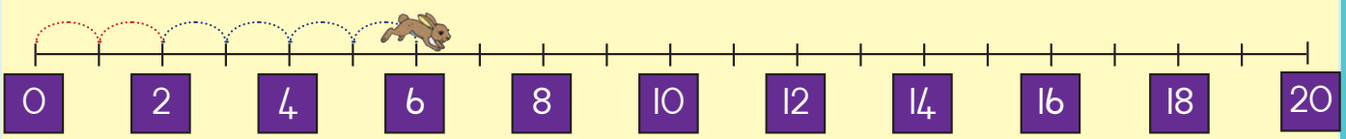
__ + __ = __

1 2 3 4 5 6 7 8 9 10

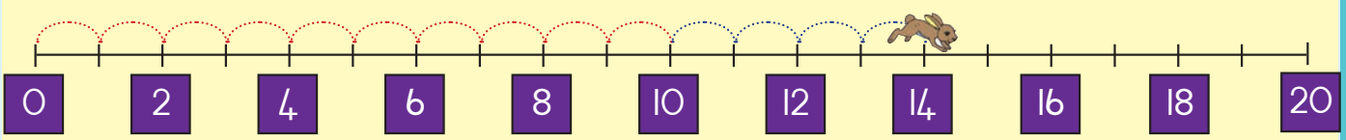




Thusani muvhuḓa u ṅwala mbalo.



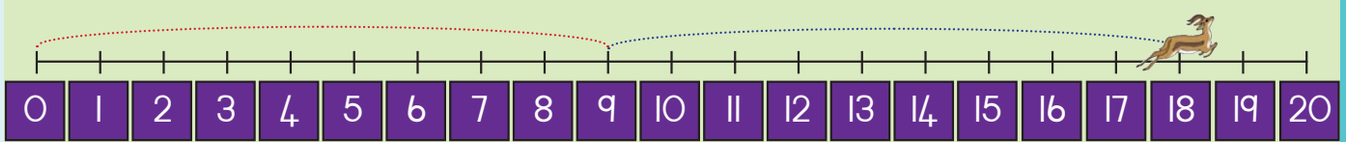
____ + ____ = ____



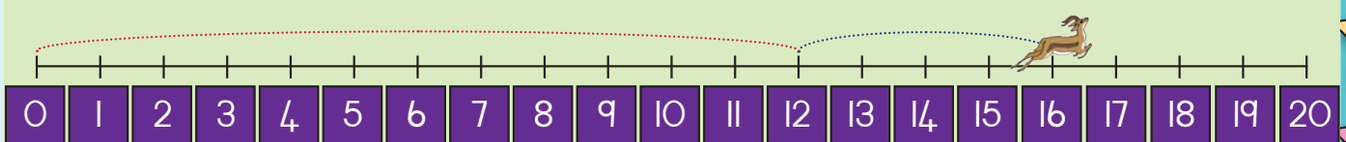
____ + ____ = ____



Thusani phala u ṅwala mbalo.



____ + ____ = ____



____ + ____ = ____



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

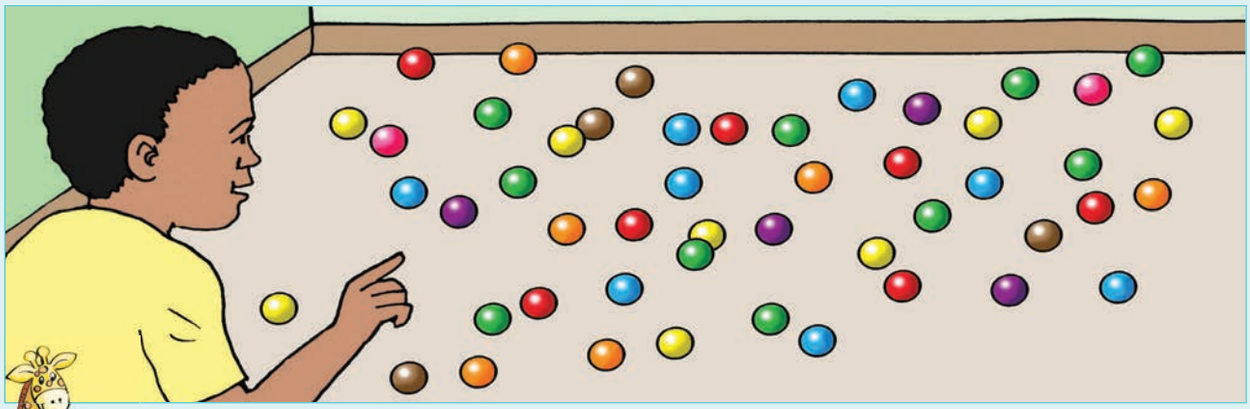
21



Deithi:

.....

Muṱanganyo na muṱuso





Ṅwalani tshivhalo tsha vhulungu.

Ndi vhulungu vhutswuku vhungana vhu re hone? ☐

Ndi vhulungu ha lutombo vhungana vhu re hone? ☐

Ndi vhulungu vhudala vhungana vhu re hone? ☐

Ndi vhulungu ha tshitopana vhungana vhu re hone? ☐

Ndi vhulungu ha phephuḽu vhungana vhu re hone? ☐

Vhulungu hoṱhe ho ṱangana ndi vhungana? ☐

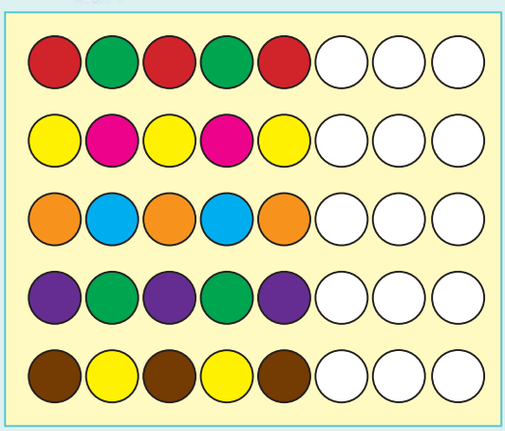


Ṅwalani tshivhalo tsha malungu a muvhala muṅwe na muṅwe zwibogisini zwone ni a ṱanganye.

vhutswuku	+	vhudala	=	
ha ṱaḓa	+	ha pinki	=	
ha tshitopana	+	ha lutombo	=	
ha phephuḽu	+	vhudala	=	
ha buraweni	+	ha ṱaḓa	=	



Fhedzisani phetheni.







Shumisani vhulungu kha u ḓadza zwibogisi.

8	+	7	=	15
8	+ 2 +	5	=	
9	+	6	=	
9	+		+	=

Livhanyani tshifanyiso na mbalo ni ṋee phindulo.

	7 – 5 =
	9 – 4 =
	8 – 3 =
	5 – 4 =
	6 – 2 =

Shumani mbalo.

9 – 6 = 3	– =
– =	– =

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

22

Deithi:

Maḓuvha, vhege na miṅwedzi

Musumbuluwo
Ḽavhuvhili
Ḽavhuraru
Ḽavhuṋa
Ḽavhuṱanu
Mugivhela
Swondaha

Phando	Luhuhi	Ṱhafamuhwe
Lambamai	Shundunthule	Fulwi
Fulwana	Ṱhangule	Khubvumedzi
Tshimedzi	Ḽara	Nyendavhusiku



Fhindulani mbudziso dzi tevhelaho dzi no kwa maḓuvha a vhege.

Ndi ḓuvha ḽifhio ḽi no rangela Ḽavhuraru? _____

Ndi ḓuvha ḽifhio ḽi no rangela Ḽavhuraru? _____

Ndi ḓuvha ḽifhio ḽi no tevhela Mugivhela? _____

Ndi ḓuvha ḽifhio ḽi re vhukati ha Musumbuluwo na Ḽavhuraru? _____

Arali Musumbuluwo hu ḓuvha ḽa u thoma, izwo Ḽavhuṱanu ndi ḓuvha ḽa _____

Ndi maḓuvha afhio a ḓaho vhukati ha Ḽavhuraru na Mugivhela? _____

_____



Fhindulani mbudziso dzi tevhelaho dzi no kwama miṅwedzi.

Ndi ṅwedzi ufhio u no rangela Lambamai? _____

Ndi ṅwedzi ufhio u no tevhela Fulwi? _____

Ndi ṅwedzi ufhio u no ḓa vhukati ha Ṱhangule na Tshimedzi? _____

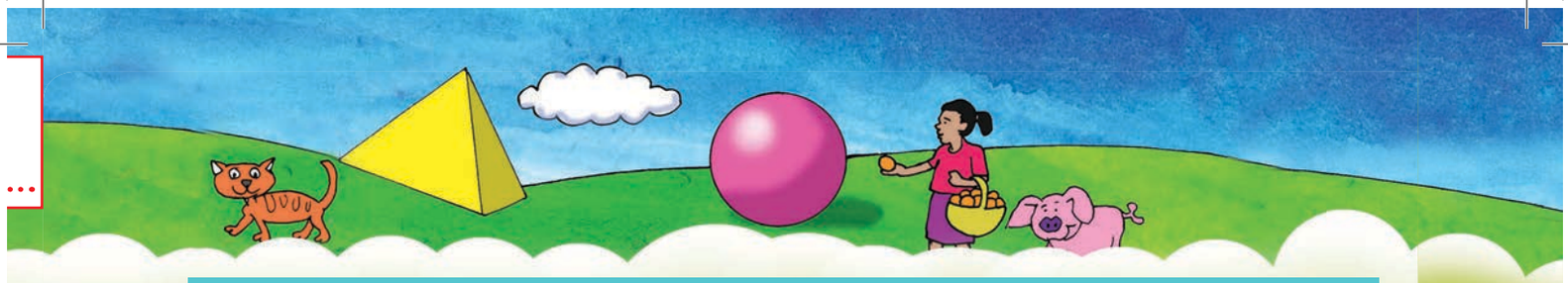
Ndi miṅwedzi ifhio i no ḓa vhukati ha Phando na Fulwi?

_____

Ndi ṅwedzi ufhio une wa vha wa u thoma kha ṅwaha? _____

Ndi ṅwedzi ufhio une wa vha wa u fhedzisela kha ṅwaha? _____





Vhurereli Afrika Tshipembe



Zwiwo zwa ḓivhazwakale

Ḓuvha ḽa Pfanelo dza Vhathu

Ḓuvha ḽa Mbofholowo

Ḓuvha ḽa Vhashumi

Ḓuvha ḽa Vhaswa

Ḓuvha ḽa Vhafumakadzi ḽa Lushaka

Ḓuvha ḽa Vhufa

Ḓuvha ḽa Vhupfumedzani

Ḓuvha ḽa mabebo

Ḓuvha ḽa mabebo ḽanga





Tshigeriwa 2: Shumisani zwigeriwa ni zwi nambatedze kha holodei tharu dza vhurereli na kha holodei dzoṱhe dza phabuḽiki dza Afrika Tshipembe dzi re kha khaḽenda.

Phando	Luhuhi	Ṱhafamuhwe
Lambamai	Shundunthule	Fulwi
Fulwana	Ṱhangule	Khubvumedzi
Tshimedzi	Ḽara	Nyendavhusiku



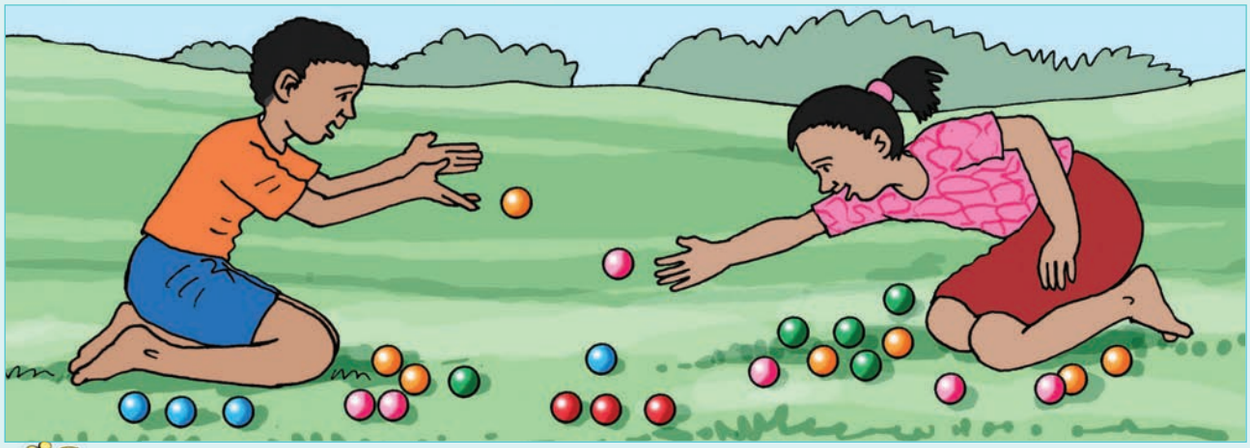
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

23a

Deithi:

Muṱanganyo

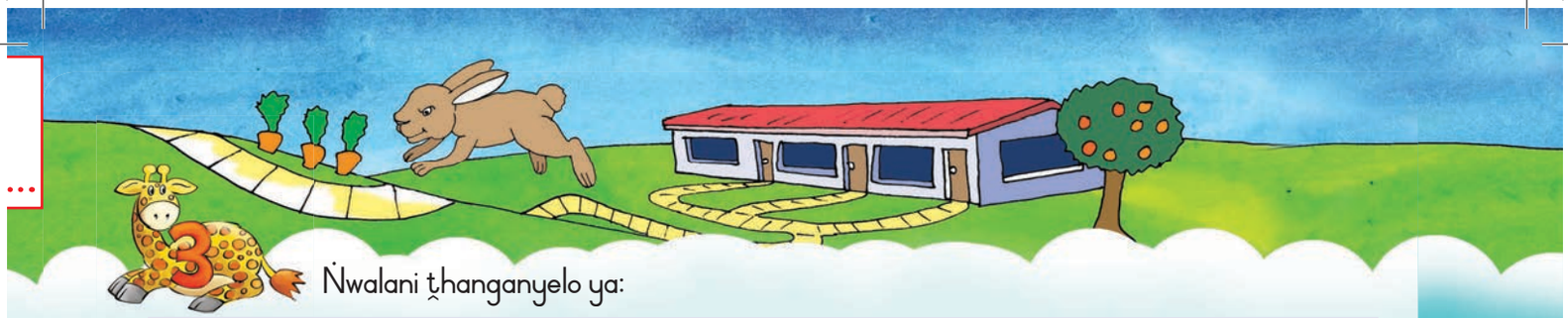


Lavhelesani tshifanyiso ni ṅwale tshivhalo tsha mimavhuḽu ya muvhala muṅwe na muṅwe zwibogisini zwone ni a ṱanganye.

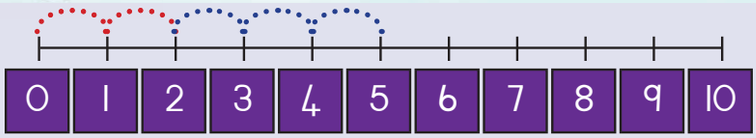
mitswuku	+	ya lutombo	=	3	+	4	=	
midala	+	ya lutombo	=		+		=	
ya pinki	+	ya lutombo	=		+		=	
midala	+	ya tshitopana	=		+		=	
mitswuku	+	midala	=		+		=	
ya tshitopana	+	ya lutombo	=		+		=	

Ṱanganyani.

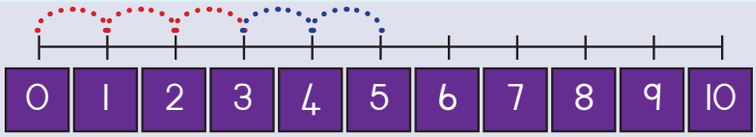
3 + 2 =	4 + 6 =	9 + 3 =
6 + 5 =	7 + 8 =	8 + 4 =
9 + 5 =	8 + 6 =	7 + 4 =
9 + 9 =	7 + 5 =	8 + 8 =
7 + 6 =	9 + 6 =	7 + 7 =



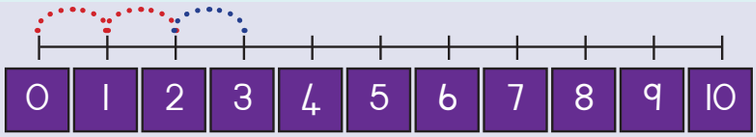
Nwalani ṱhanganyelo ya:



2 + 3 = 5



__ + __ = __



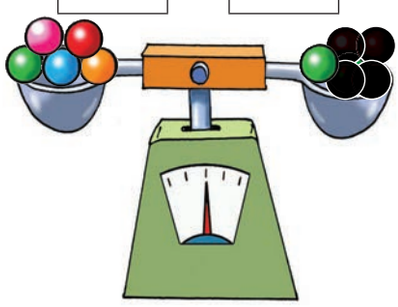
__ + __ = __



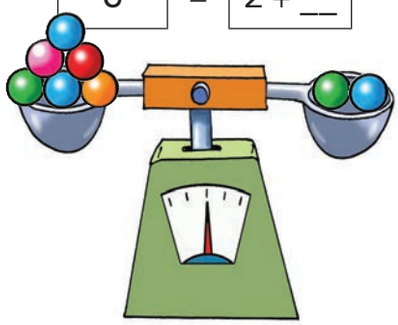
__ + __ = __

Engedzani malungu u itela uri zwikalo zwi lingane. Ro dzula ro ni itela ya u thoma.

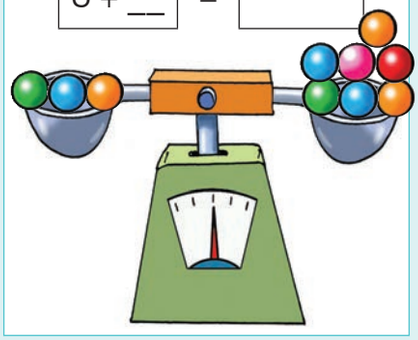
5 = 1 + 4



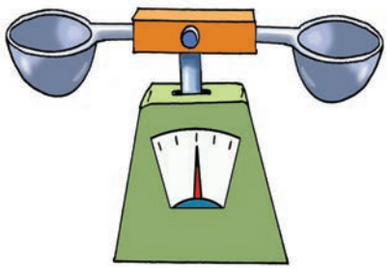
6 = 2 + __



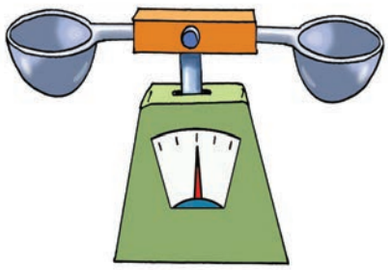
3 + __ = __



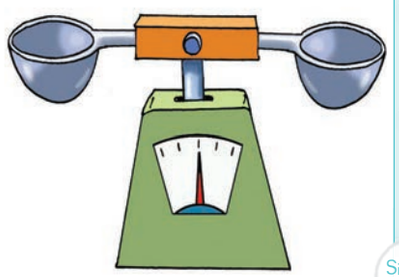
2 + 1 = 1 + __



6 + 3 = 3 + __



2 + __ = 8 + 2



Teacher:
Sign:
Date:

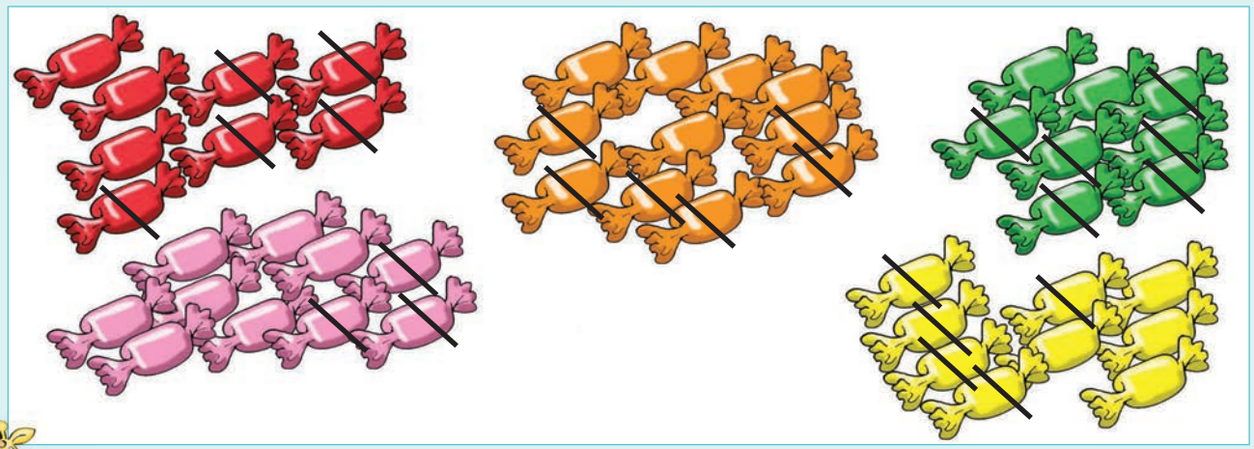
11 12 13 14 15 16 17 18 19 20

23b



Deithi:

Mu̱tuso





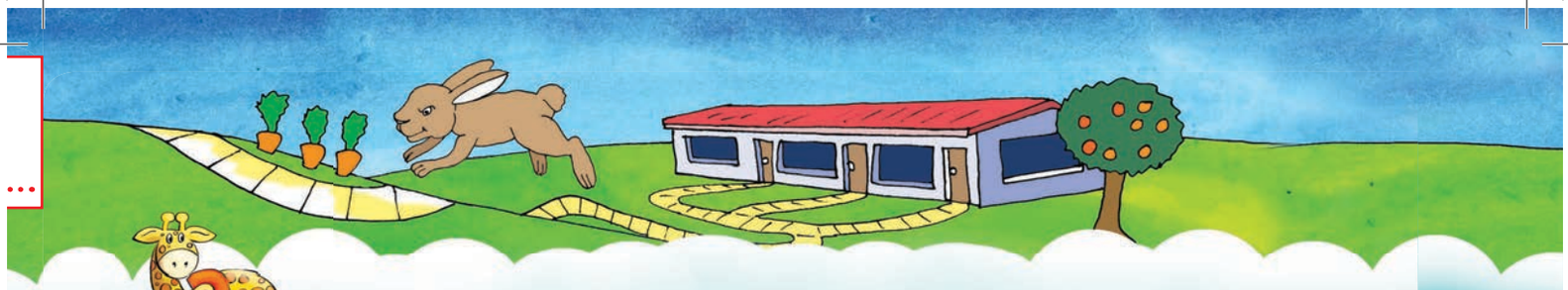
Lavhelesani tshifanyiso ni ṅwale mbalo dza u ṱusa.

ma̱legere matswuku	=	8	−	5	=	3
ma̱legere madala	=		−		=	
ma̱legere a ṱaḓa	=		−		=	
ma̱legere a tshitopana	=		−		=	
ma̱legere a pinki	=		−		=	

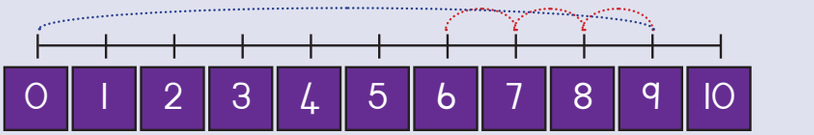


Ra ṱusa.

5 − 3 =	10 − 6 =	12 − 3 =
11 − 5 =	15 − 7 =	12 − 4 =
14 − 9 =	14 − 8 =	11 − 4 =
18 − 9 =	12 − 5 =	16 − 8 =
13 − 7 =	15 − 6 =	14 − 7 =



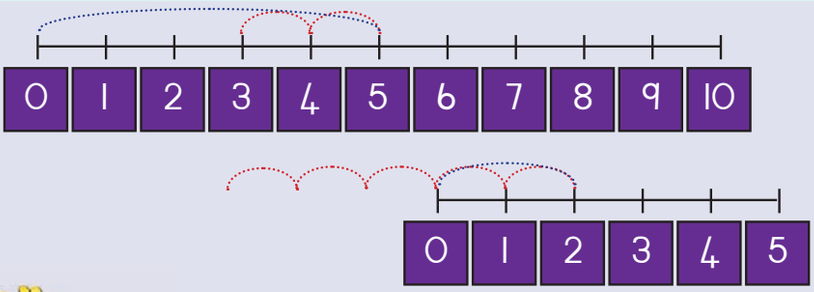
Fhedzisani.



9 – 3

A zwi lingani na

3 – 9

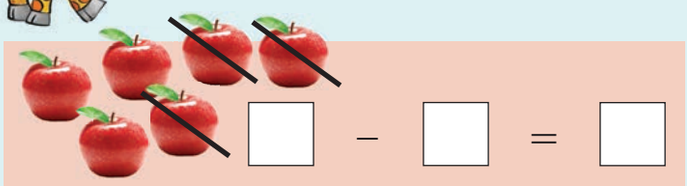


5 – 2

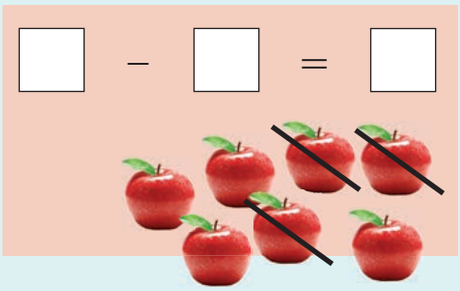
A zwi lingani na

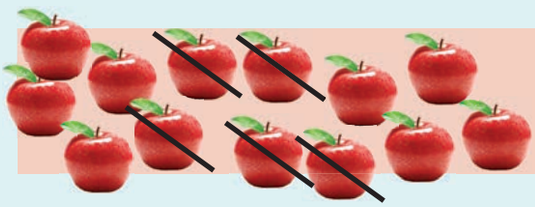
2 – 5

Ṅwalani mbalo ya:



□ – □ = □

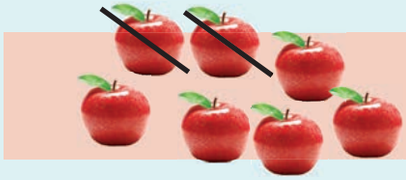




□ – □ = □



□ – □ = □



□ – □ = □

Zwi ya phanḓa kha siaṱari ḽi tevhelaho.

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

24



Deithi:

.....

Muṱanganyo muṅwe hafhu

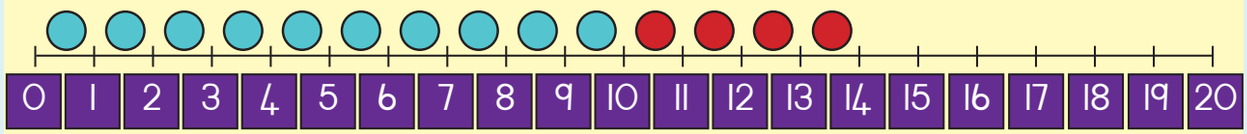


Ṱanganyani nomboro dzi re tshibuḽokoni tshiṅwe na tshiṅwe ni ṅwale ṱhanganyelo.

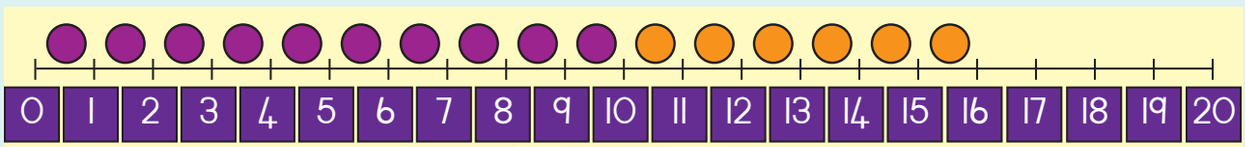
2	8	7	5	3
10	10	10	10	10



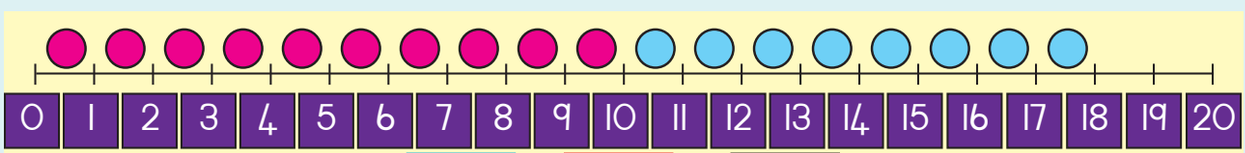
Shumisani mutalombalo. Ṅwalani mbalo ya muṱanganyo. Ro dzula ro ni itela ya u thoma.



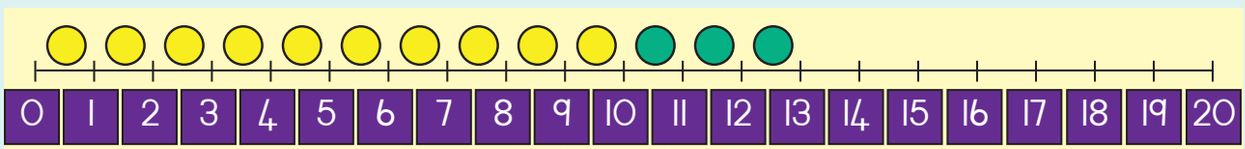
10 + 4 = 14



+ =

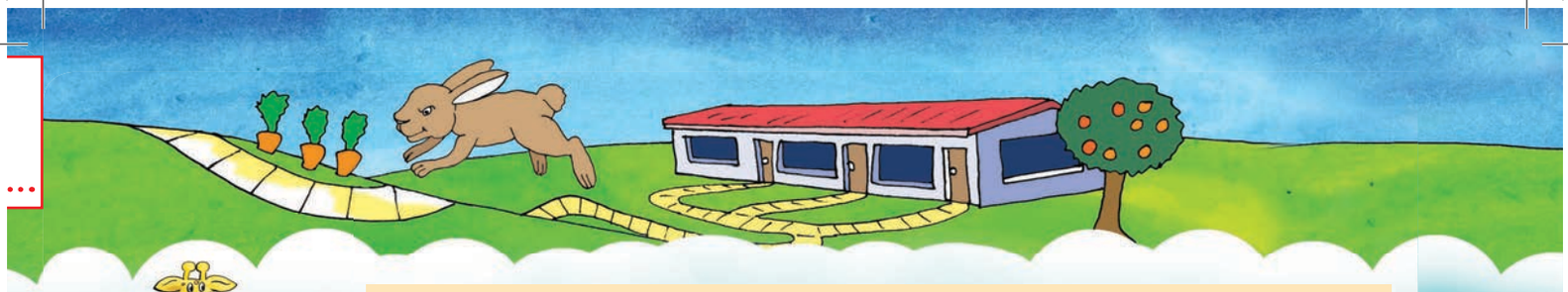


+ =



+ =







Tanganyani.

10	+	3	=	13	10	+	2	=	
10	+	5	=		10	+	7	=	
10	+	1	=		10	+	6	=	
10	+	4	=		10	+	8	=	
10	+	9	=		10	+	3	=	



Tanganyani.

16 + 13

10		10		20	16	+	13	=	29
6	+	3	=	9					

14 + 12

10		10				+		=	
4	+	2	=						

17 + 11

10		10				+		=	
7	+	1	=						

15 + 13

10		10				+		=	
5	+	3	=						

16 + 12

10		10				+		=	
6	+	2	=						

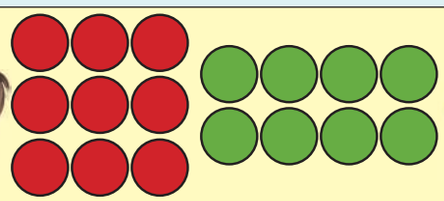
18 + 12

10		10				+		=	
8	+	2	=						



Ann u na Zwivhaleli zwa 9 ngeno Aakar a na zwa 8.





Thanganyelo ndi vhugai?



Teacher:
Sign:
Date:

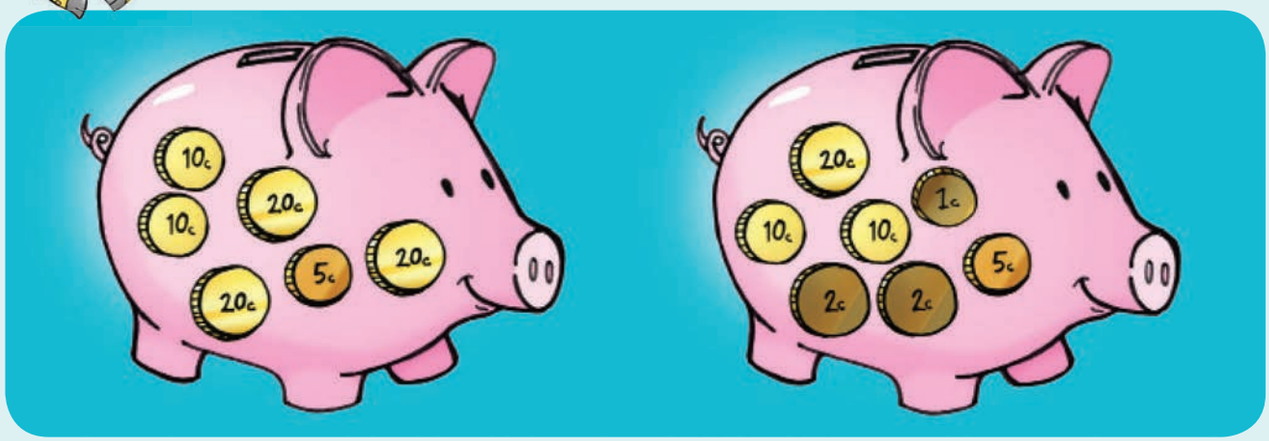
11 12 13 14 15 16 17 18 19 20

25

Deithi:

Tshelede

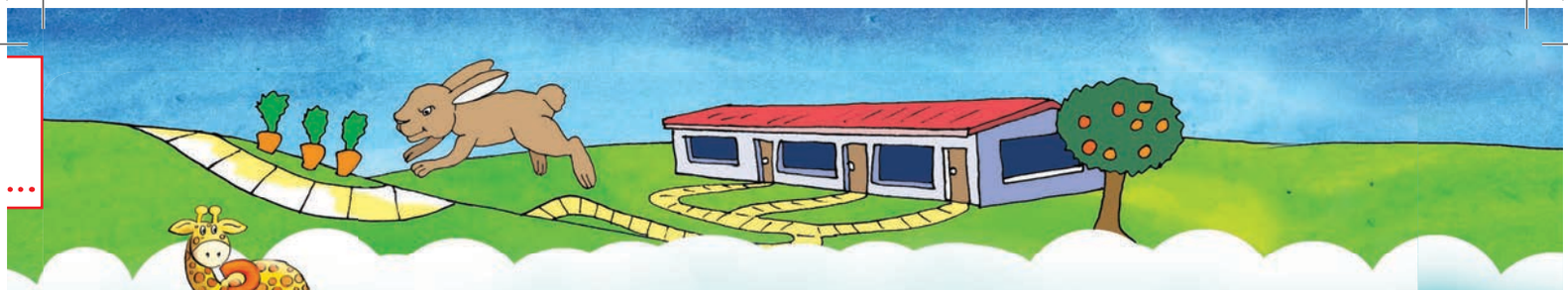
1 Ndo vhulunga vhugai?



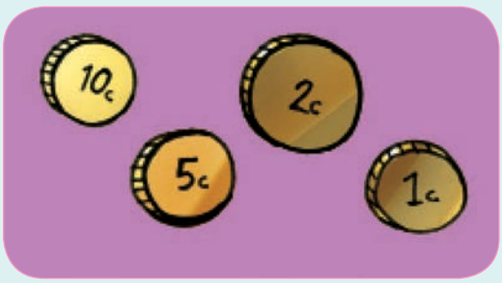
2 Gerani khoini kha Tshigeriwa tsha 3 ni nambatedze tshivhalo tsho teaho hafha.

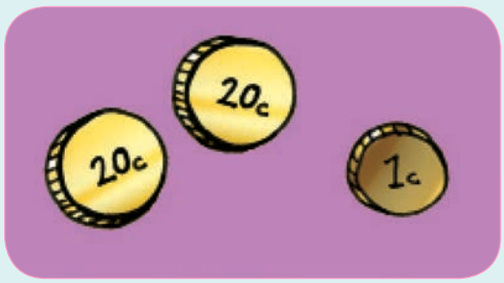
	
	
	

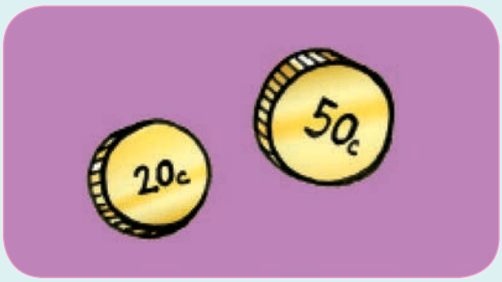
1 2 3 4 5 6 7 8 9 10

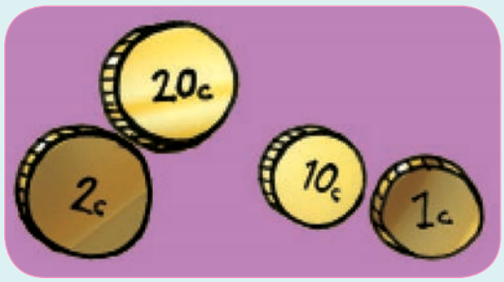


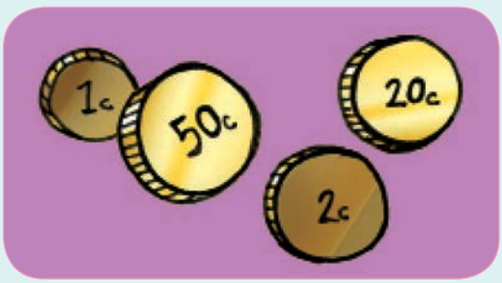
Ndi masenthe mangana?













Mbalo dza maipfi.

Suzy u na 50c. mme awe vha mu fha 20c iṅwe hafhu. Suzy u na vhugai yo ṱangana yoṱhe?

Ndi na 170c. Ndo renga ḽegere ḽa 100c. Ndo salelwa nga vhugai?
Olani tshifanyiso tshi no sumbedza phindulo yaṋu.

Teacher:
Sign:
Date:

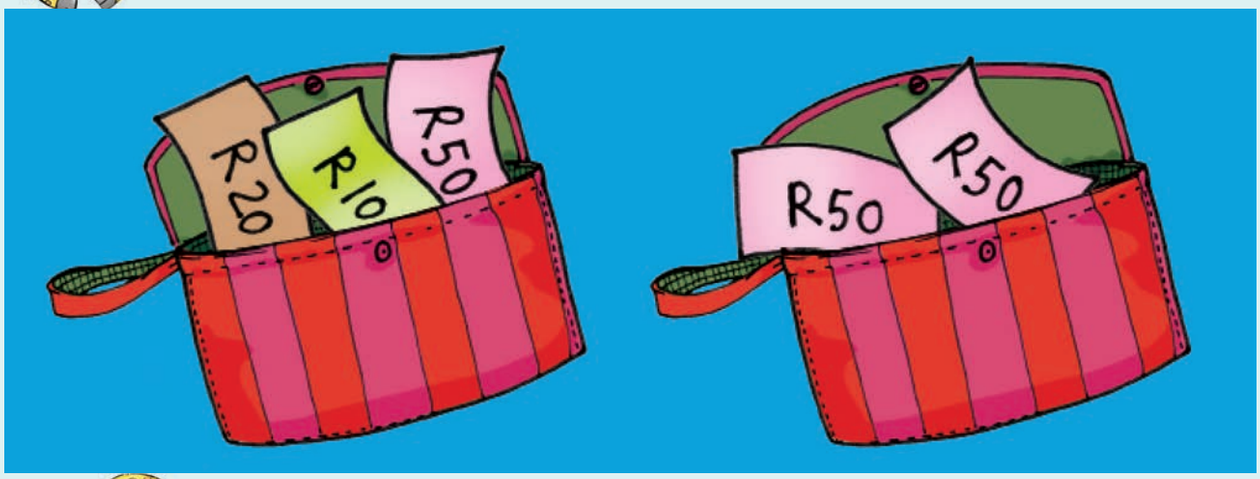
11 12 13 14 15 16 17 18 19 20

26

Deithi:

Tshelede dzinoutu (ya bammbiri)

Ndi na vhugai pheseni yanga?



Gerani khoini kha Tshigeriwa tsha 3 ni nambatedze mitengo yo teaho haf'ha.

1 2 3 4 5 6 7 8 9 10

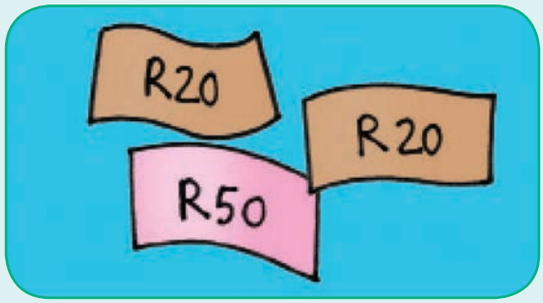




Hu na rannda nngana dzo ṱangana dzoṱhe?















Mbalo dza maipfi.

Ndo vhulunga R50. Nda f'hiwa R20 nga ḓuvha ḽanga ḽa mabebo. Ndi na vhugai?

_____

Ndi na R90. Nda renga bugu ya R30. Ndo salelwa nga vhugai?

_____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

27



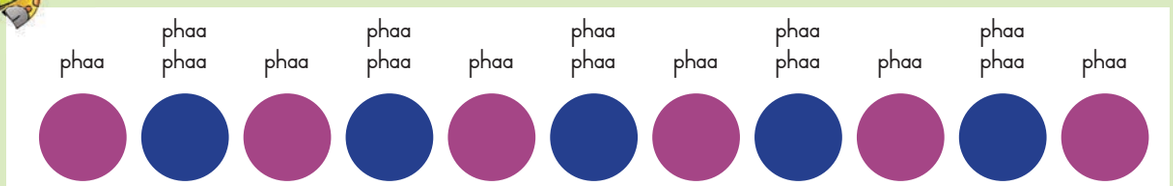
Deithi:

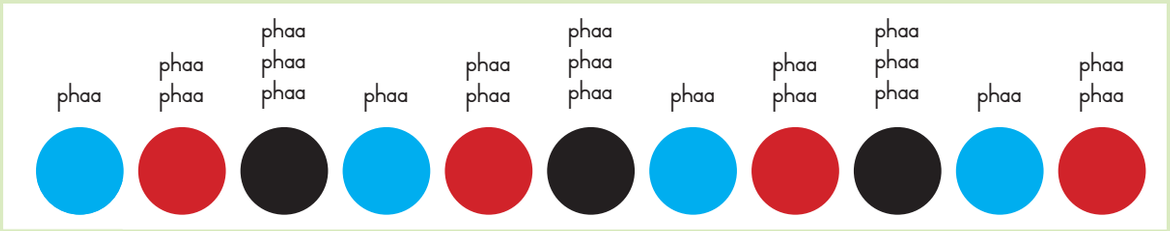
.....

Phetheni



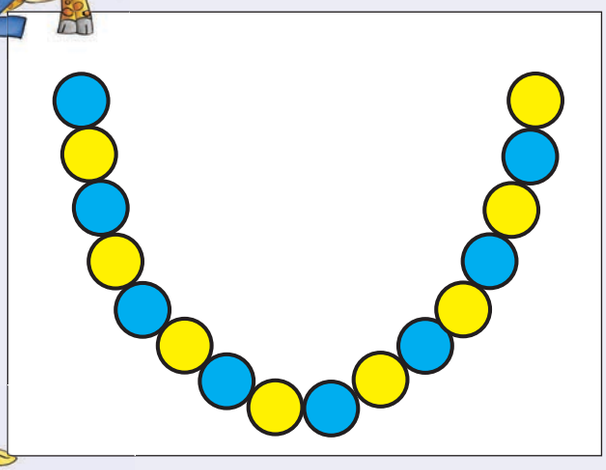
Vhandelani phetheni.







Kopani phetheni. Shumisani Tshigeriwa 4.

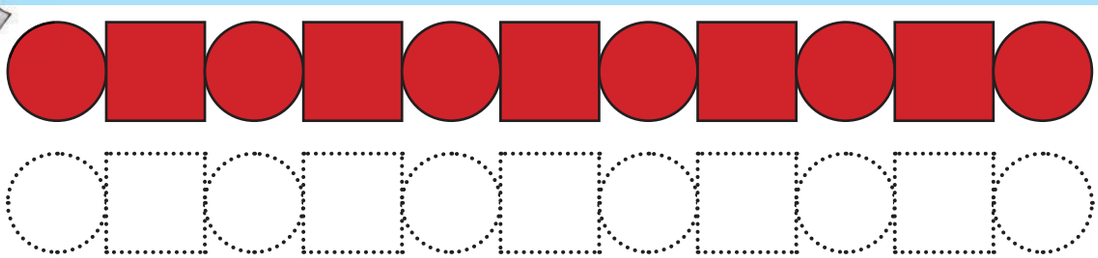


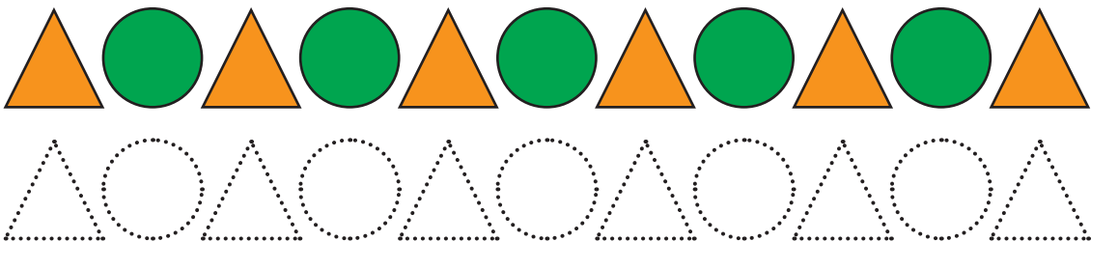


Itani tshifanyiso tshaṋu inwi muṋe tshi no bva kha vhulungu ho salaho.
Shumisani Tshigeriwa 4.

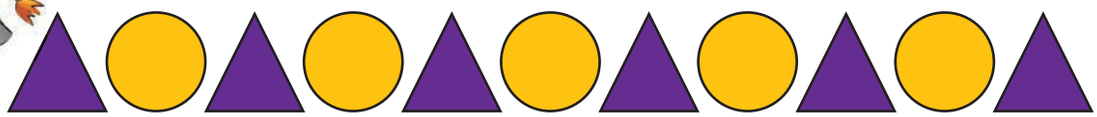


Kopani phetheni dzi tevhelaho.

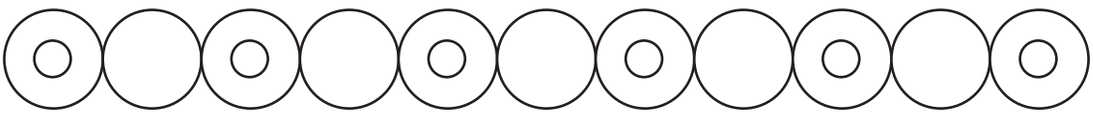




Kopani phetheni.







Teacher:

Sign:

Date:

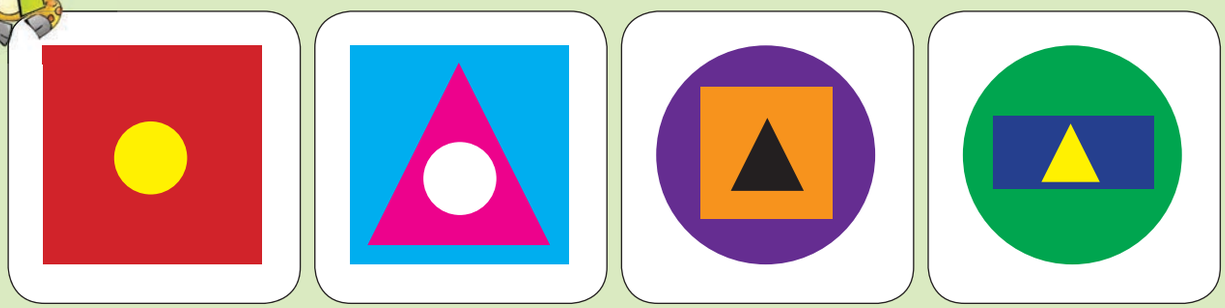
11 12 13 14 15 16 17 18 19 20

28

Deithi:

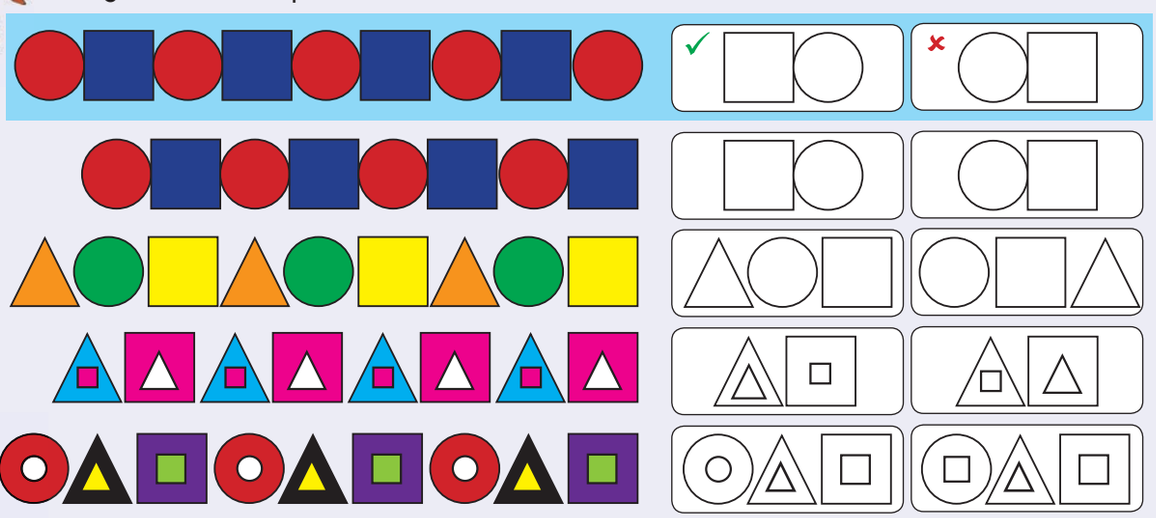
Phetheni dziṅwe haf hu

1 Ṱalutshedzani phetheni iṅwe na iṅwe nga maipfi. Maipfi aya a re afho f hasi a nga ni thusa.

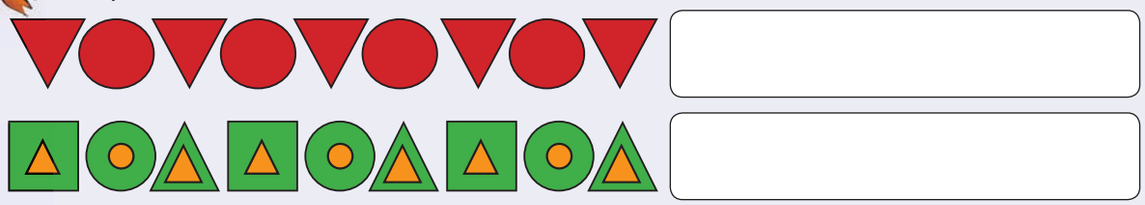


rekithiengele | tshikwea | thiraiengele | tshitengeledzi | mivhala

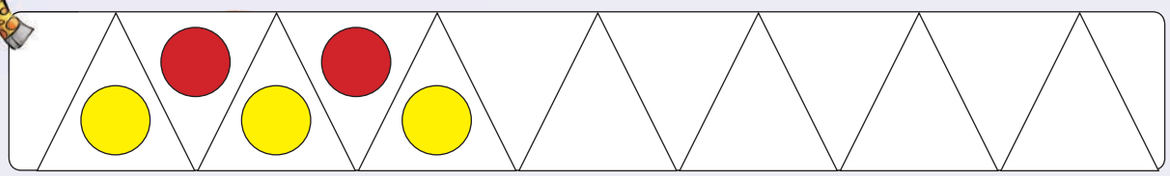
2 Nangani ni khaḽare phetheni i no tevhela.



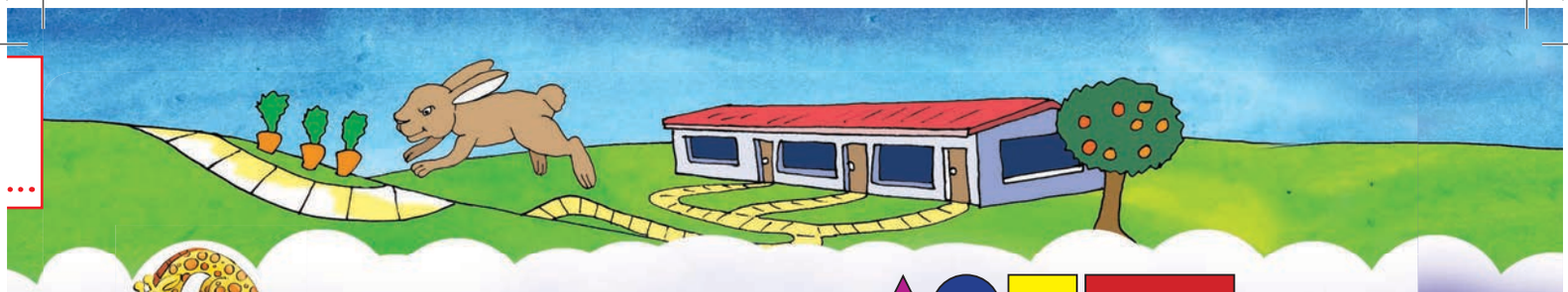
3 Olani phetheni i tevhelaho.



4 Ṱharamudzani phetheni.



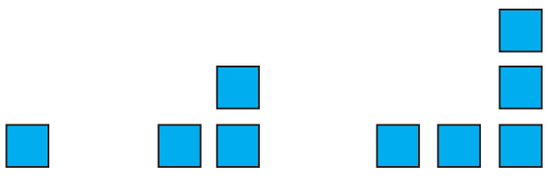
1 2 3 4 5 6 7 8 9 10

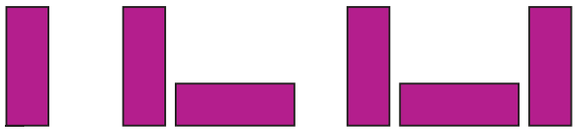


5 Olani phetheni dza inwi muṋe ni tshi shumisa.

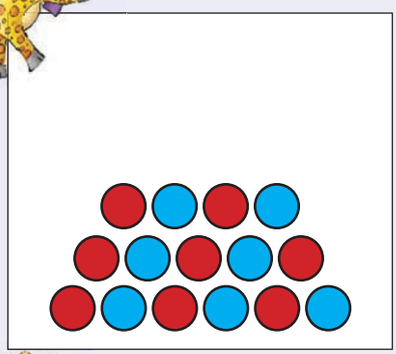


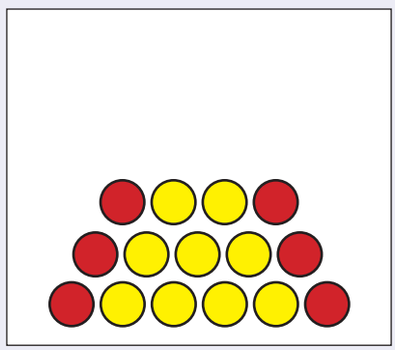
6 Olani phetheni i tevhelaho.

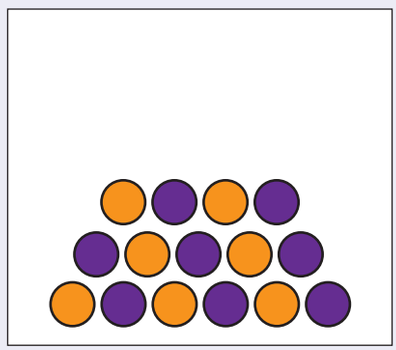




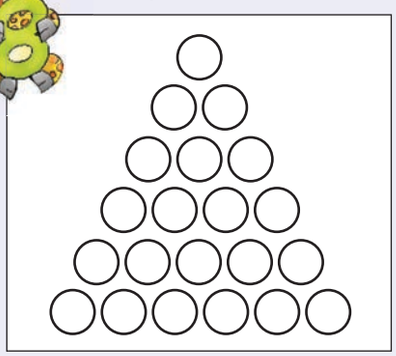
7 Fhedzisani zwi tevhelaho uri ni vhe na tshitendeledzi tshithihi nṱha.

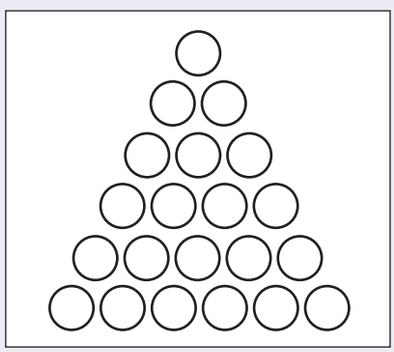


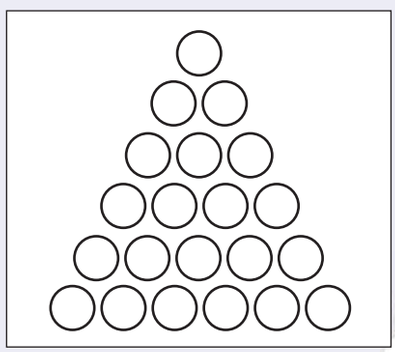




8 Sikani phetheni dza mivhala dza inwi muṋe ni tshi khou shumisa zwivhumbeo zwi re afho fhasi.







Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

29

Deithi:

Muandiso: × 2

1 Hu na maḽegere mangana kha ṱafula iṅwe na iṅwe?



No vhalisa hani maḽegere
(Vhaṅwe vhana vha nga ri I, 2, 3...
Vhaṅwe vha nga ri 2, 4, 6...)

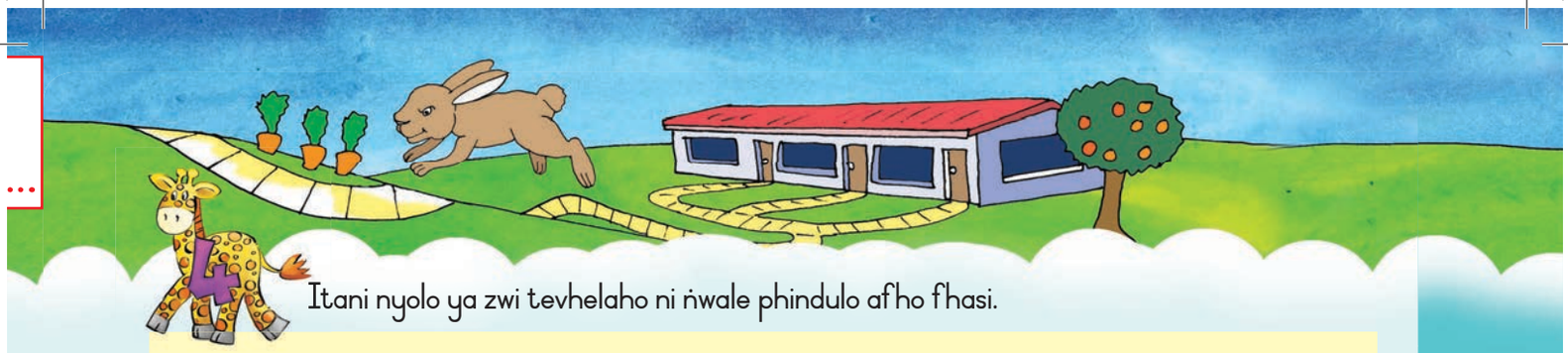
2 Fhedzisani zwi tevhelaho.

zwigwada zwa 4 zwa 2	2 + 2 + 2 + 2 = 8	4 × 2 = 8
zwigwada zwa 5 zwa 2	2 + 2 + 2 + 2 + 2 =	5 × 2 =
zwigwada zwa 6 zwa 2	2 + 2 + 2 + 2 + 2 + 2 =	6 × 2 =
zwigwada zwa 7 zwa 2	2 + 2 + 2 + 2 + 2 + 2 + 2 =	7 × 2 =
zwigwada zwa 8 zwa 2	2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =	8 × 2 =

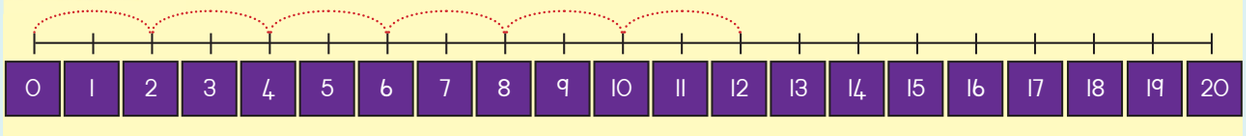
3 Itani nyolo ya zwi tevhelaho.

zwigwada zwa 3 zwa 2	zwigwada zwa 4 zwa 2	zwigwada zwa 9 zwa 2

1 2 3 4 5 6 7 8 9 10



Itani nyolo ya zwi tevhelaho ni ṅwale phindulo afho fhasi.



2, 4, 6, 8, ___ , ___

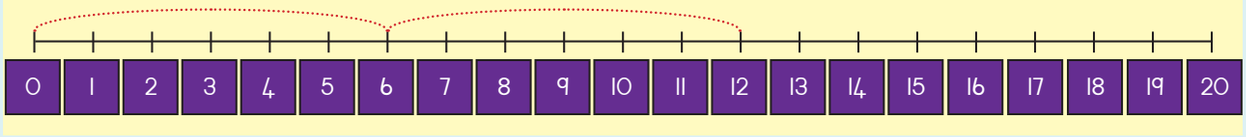
2 + 2 + 2 + 2 + 2 + 2 = ☐

zwigwada zwa 6 zwa 2 = ☐

6 × 2 = ☐

Nyolo





6, ___

6 + ☐ = ☐

zwigwada zwa 2 zwa ☐ = ☐

2 × ☐ = ☐

Nyolo



Buvhi ḽithihi ḽi na maṱo a 2. Ndi maṱo mangana ane mabuvhi a 7 a vha nao?

☐



2 4 6 8 10 12 14

16 18 20 22 24 26

Teacher:

Sign:

Date:

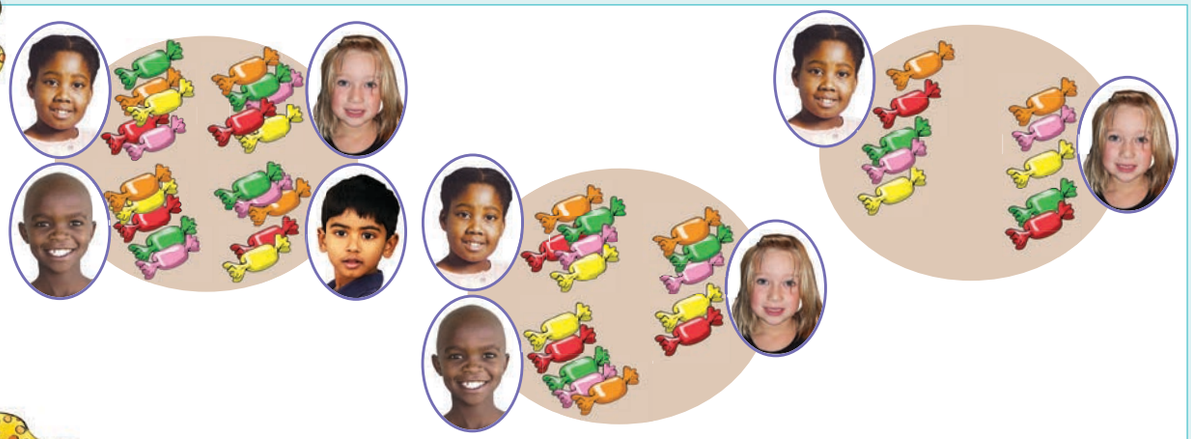
11 12 13 14 15 16 17 18 19 20

30

Deithi:

Muandiso: × 5

1 Hu na maḽegere mangana kha ṱafula iṅwe na iṅwe?



2 Fhedzisani zwi tevhelaho.

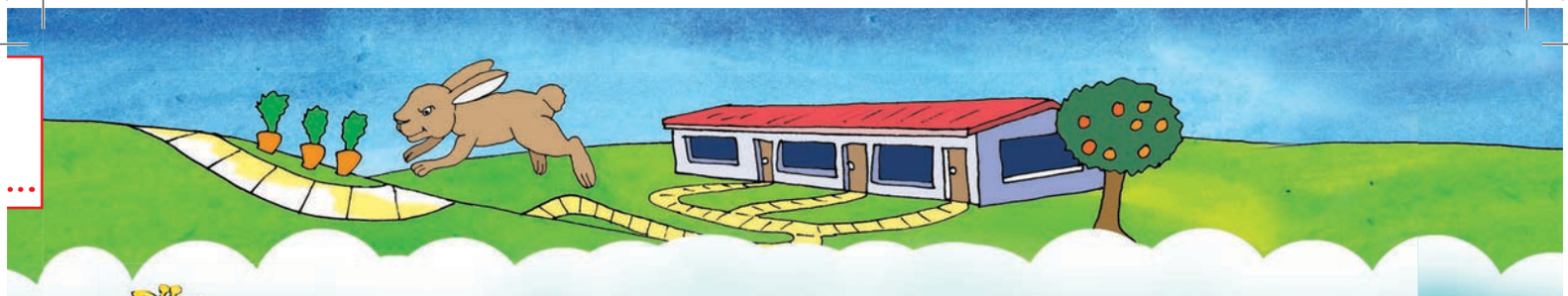


zwigwada zwa 3 zwa 5	5 + 5 + 5 = 15	3 × 5 = 15
zwigwada zwa 2 zwa 5	5 + 5 =	2 × 5 =
zwigwada zwa 4 zwa 5	5 + 5 + 5 + 5 =	4 × 5 =
zwigwada zwa 6 zwa 5	5 + 5 + 5 + 5 + 5 + 5 =	6 × 5 =
zwigwada zwa 7 zwa 5	5 + 5 + 5 + 5 + 5 + 5 + 5 =	7 × 5 =

3 Itani nyolo ya zwi tevhelaho.

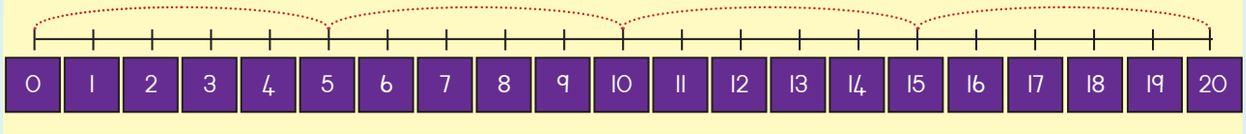
zwigwada zwa 3 zwa 5	zwigwada zwa 4 zwa 5	zwigwada zwa 5 zwa 5







Itani nyolo ya zwi tevhelaho ni ṅwale phindulo afho f'hasi.



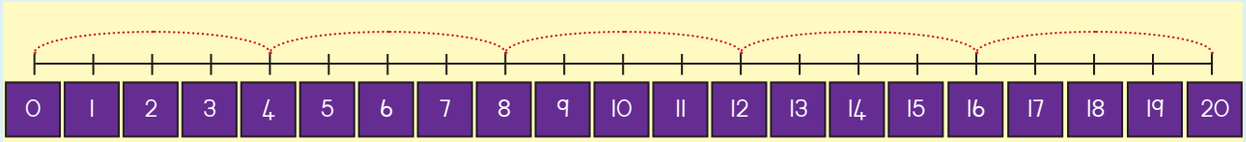
5, 10, 15, ___

5 + 5 + 5 + 5 = ☐

zwigwada zwa 4 zwa 5 = ☐

4 × 5 = ☐

Nyolo



4, 8, 12, ___, ___

4 + 4 + 4 + 4 + 4 = ☐

zwigwada zwa 5 zwa 4 = ☐

5 × 4 = ☐

Nyolo



5 10 15 20 25 30

35 40 45 50

Teacher:

Sign:

Date:

31

Deithi:

Zwiṱori zwa muandiso

Itani nganetshelo yaṋu inwi muṋe ni tshi khou shumisa tshivhalo tshoṱhe tsha ndevhe, zwanḓa na ṋayo.

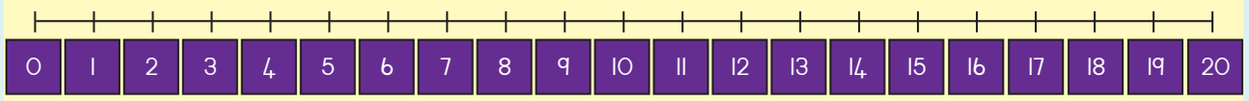


Ri khonani dza 10. Ndi zwanḓa zwingana zwine ra vha nazwo?

Sumbedzani nga zwivhaleli.

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.



____ + ____ = ____ ____ × ____ = ____

1 2 3 4 5 6 7 8 9 10

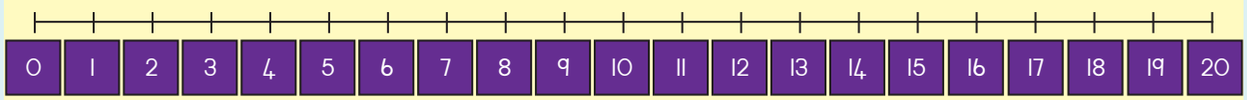


Muṱa wa Susan u na phere dza 10 dza zwienda. Vha na zwienda zwingana?

Olani

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.





\+ = × =

Ṅwalani nganetshelo yaṋu inwi muṋe ni tshi shumisa vhana vha 6 na zwanḓa zwavho.



5 10 15 20 25 30 35

Teacher:

Sign:

Date:

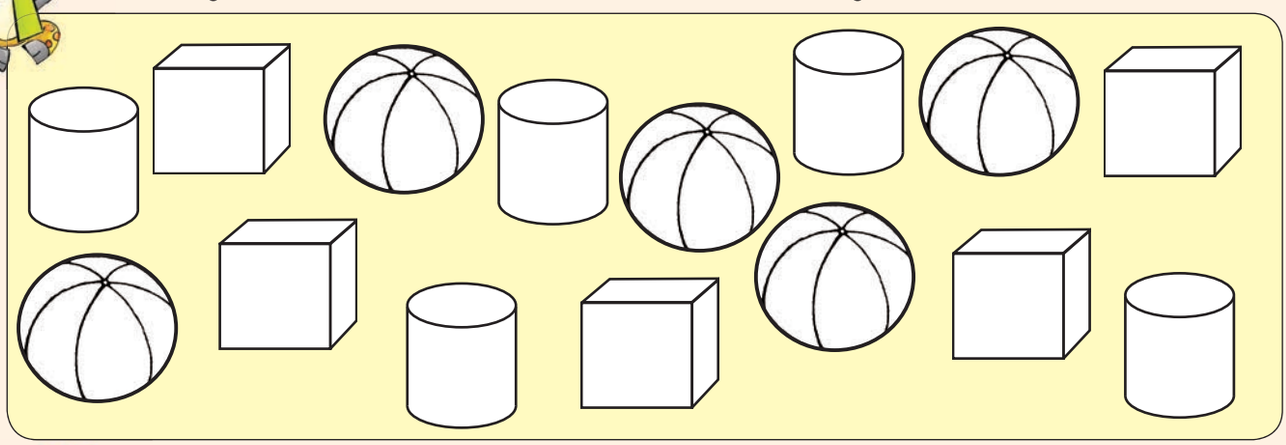
11 12 13 14 15 16 17 18 19 20

Deithi:

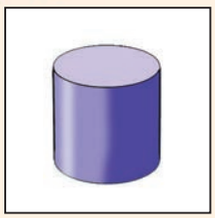
Zwithu zwa siararu (3-D)



Khaḽarani nga muvhala mutswuku bola dzoṱhe, wa lutombo kha zwibogisi na mudala kha dzisiḽinda.

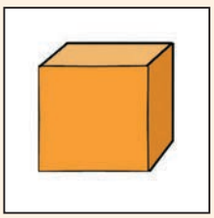


2 Nangani ipfi ḽone.



matungo a tswititi

matungo a kheve



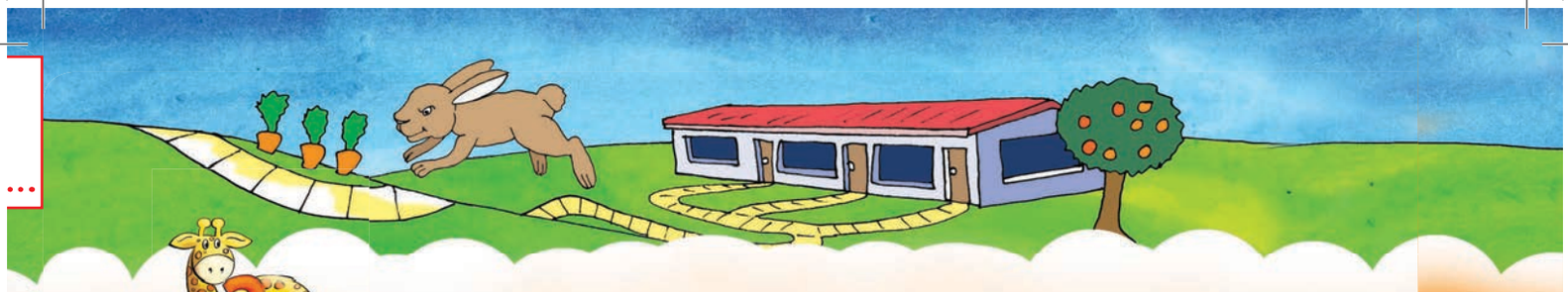
matungo a tswititi

matungo a kheve



matungo a tswititi

matungo a kheve

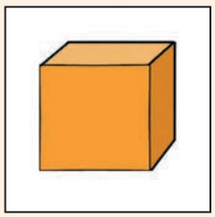


3 Ambani arali tshithu tshi tshi ḓo kunguluwa kana u suvha.



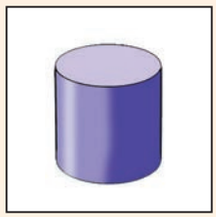
suvha

kunguluwa



suvha

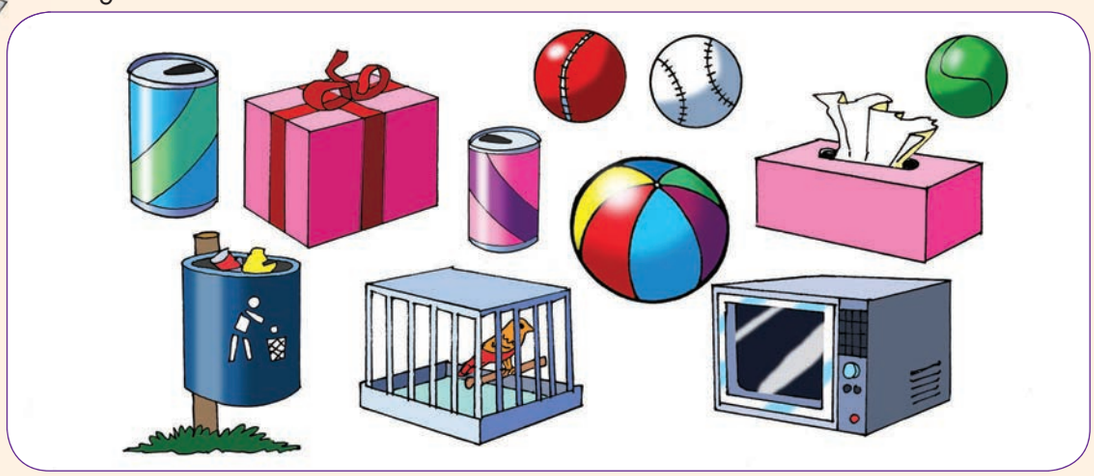
kunguluwa

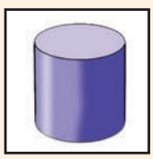


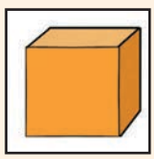
suvha

kunguluwa

4 Ndi zwingana zwa izwi zwithu zwine na kona u zwi vhona tshifanyisoni itsho: siḽinda, zwibogisi, bola?

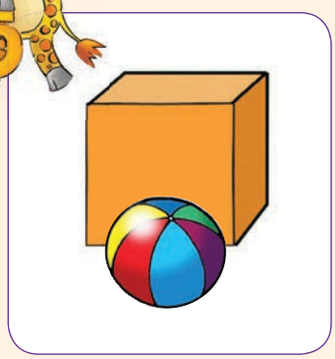






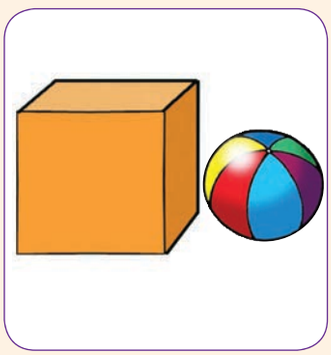


5 Bola i ngafhi? I nga phanḓa ha bogisi? Nga matungo? Nga murahu? Nga nṱha?



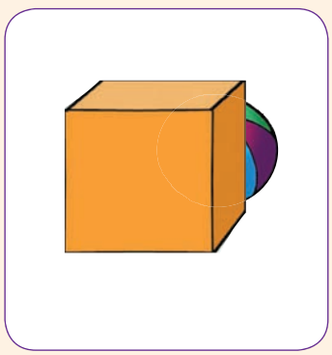
nga phanḓa ha _____ nga matungo a _____

nga murahu ha _____ nṱha ha _____



nga phanḓa ha _____ nga matungo a _____

nga murahu ha _____ nṱha ha _____



nga phanḓa ha _____ nga matungo a _____

nga murahu ha _____ nṱha ha _____



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

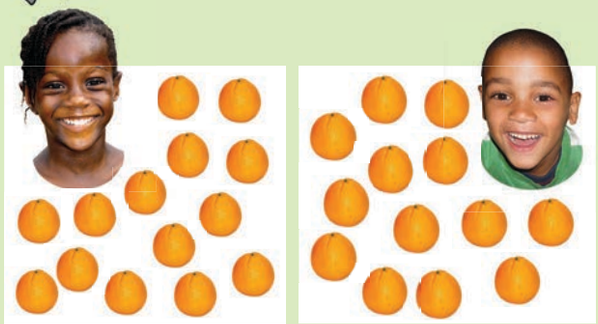
33

Deithi:

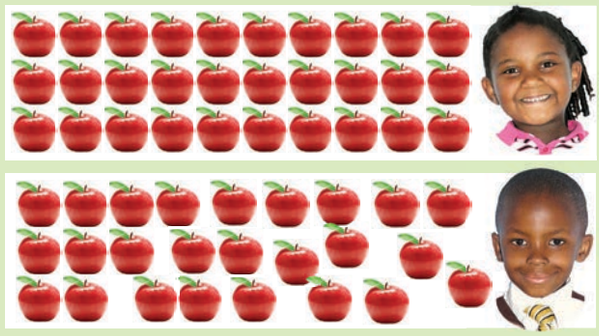
Vhekanyani nomboro ni dzi vhambedze: 1 – 40

1

Ndi nnyi a re na maswiri manzhi?



Ndi nnyi a re na maapula manzhi?



2

Vhalani vhulungu ni ḓadze zwibogisi zwi si na tshithu.

1	2	3	4	5		7			10
	12				16		18		
21				25	26				30
31					36				40

3

Lavhelesani vhulungu ni f'hindule mbudziso.

Ndi nomboro if'hio i re ṱhukhu kha 8? ____

Ndi nomboro if'hio i re khulwane kha 13? ____

Ndi nomboro if'hio i re ṱhukhu kha 20? ____

Ndi nomboro if'hio i re ṱhukhu kha 24? ____





Khaḽarani nga muvhala wa lutombo nomboro dzi re ṱhukhu kha 10 dzi re khulwane kha 10 nga mutswuku.

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

Khaḽarani nga muvhala wa lutombo nomboro dzine dza vha ṱhukhu kha 30 na u vha khulwane kha 24.

20	21	22	23	24	25	26	27	28	29	30

Khaḽarani nga muvhala wa lutombo nomboro dzine dza vha ṱhukhu kha 40 na na nga wa ṱaḓa dzine dza vha khulwane kha 36.

30	31	32	33	34	35	36	37	38	39	40

Khaḽarani nga muvhala wa ṱaḓa nomboro dza ivini na nga mudala kha nomboro dza odo.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Ndi nomboro if hio ya odo i no tevhela 10?

Ndi nomboro if hio ya ivini i no tevhela 10?

Ṅwalani nomboro dza ivini dzi re vhukati ha 14 na 24.

Ṅwalani nomboro dza odo dzi re vhukati ha 5 na 15.

Ndi nomboro if hio ya odo dzi no tevhela 21?

Ndi nomboro if hio ya ivini dzi tevhela 24?

Ṅwalani nomboro dza ivini dzi re vhukati ha 20 na 30.

Ṅwalani nomboro dza odo dzi re vhukati ha 20 na 30.

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

34

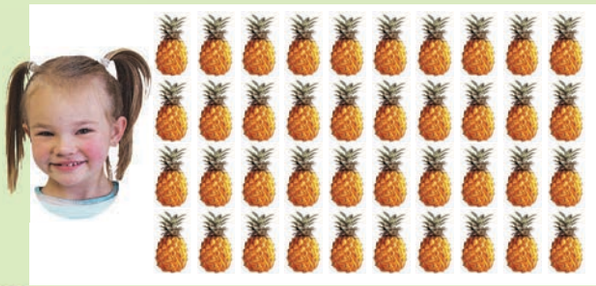


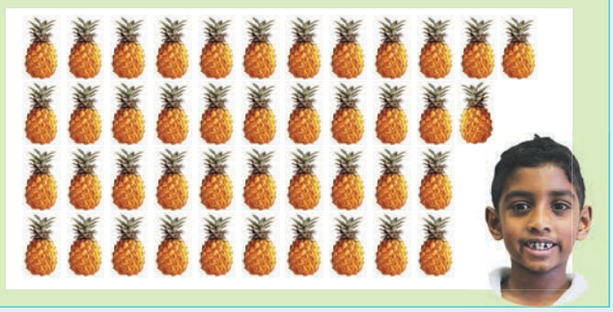
Deithi:

.....

Vhekanyani nomboro ni dzi vhambedze: 40 – 50

1 Ndi nnyi a re na zwienge zwinzhi?  kana 





2 Vhalani vhulungu ni ḓadze zwibogisi zwi si na tshithu.

1	2	3	4	5					
								19	
							28		

	32								
									50
51	52	53	54	55	56	57	58	59	60

3 Lavhelesani vhulungu ni fhindule mbudziso.

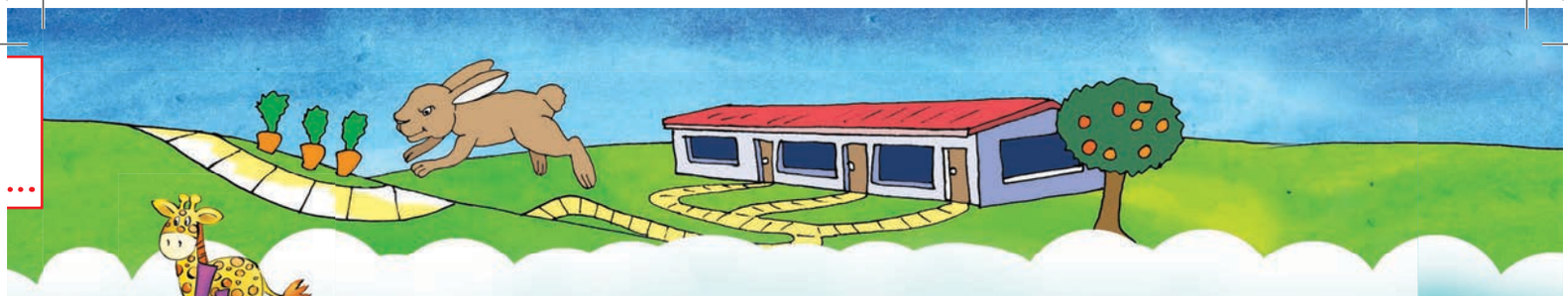
Ndi nomboro ifhio i re ṱhukhu kha 3? ☐

Ndi nomboro ifhio i re khulwane kha 31? ☐

Ndi nomboro ifhio i re ṱhukhu kha 38? ☐

Ndi nomboro ifhio i re ṱhukhu kha 47? ☐







Khaḽarani nga muvhala mudala nomboro dzine dza vha ṱhukhu kha 40 na u vha khulwane kha 36.

30	31	32	33	34	35	36	37	38	39	40

Nomboro dzi re ṱhukhu kha 40.

Nomboro dzi re khulwane kha 36.



Khaḽarani nga muvhala wa ṱaḓa nomboro dza ivini na mudala nomboro dza odo.

40	41	42	43	44	45	46	47	48	49	50

Ndi nomboro if'hio ya odo i no tevhela 40?

Ndi nomboro if'hio ya ivini i no rangela 43?

Ṅwalani nomboro dza ivini dzi re vhukati ha 40 na 50?

Ṅwalani nomboro dza odo dzi re vhukati ha 40 na 50?

Ndi nomboro if'hio ya odo i no rangela 40?

Ndi nomboro if'hio ya ivini i no tevhela 41?



Teacher:

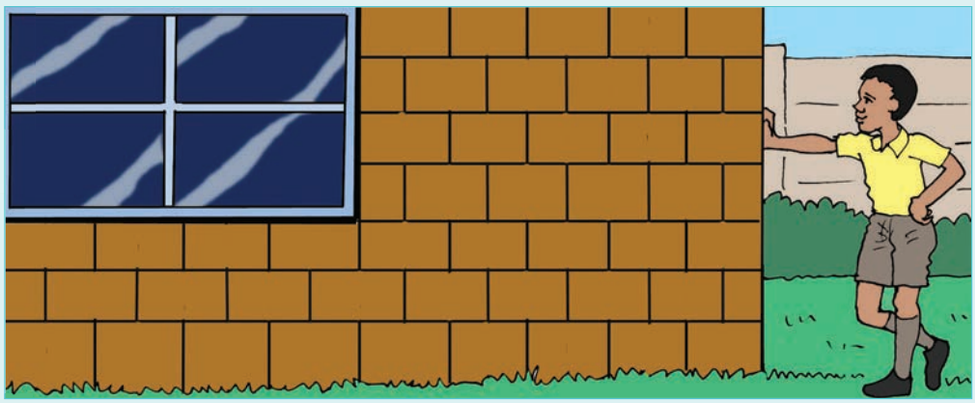
Sign:

Date:

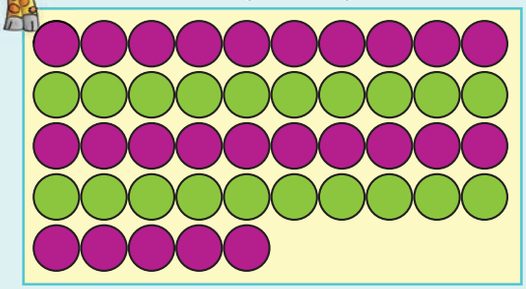
11 12 13 14 15 16 17 18 19 20

Deithi:

Nomboro 40 – 50



Ndi vhulungu vhungana he na vhala?

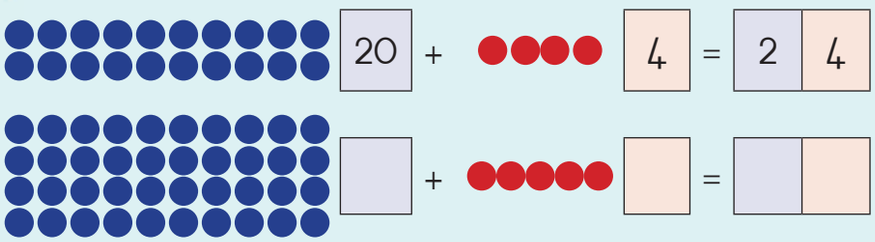


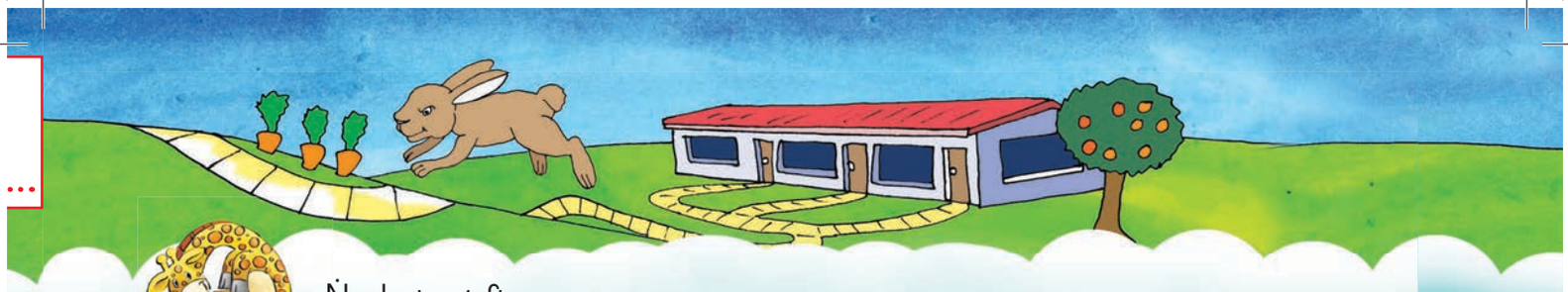
Nomboro	Ri nga i ṅwala sa:	Nomboro	Ri nga i ṅwala sa:
45	40 + 5 = 45		+ =

Fhedzisani zwi tevhelaho.

20	21	22							
30				34					
		42							

Fhedzisani zwi tevhelaho.





5 Ṅwalani maipfi a.

41	_____	42	_____
43	_____	44	_____
45	_____	46	_____
47	_____	48	_____
49	_____	50	_____

6 Lavhelesani kha tsumbo ya u thoma ni fhedzise dziṅwe dzo̱the.

45	= mahumi a	4	+ yuniti dza	5			
43	= mahumi a		+ yuniti dza				
42	= mahumi a		+ yuniti dza				

44	= mahumi a		+ yuniti dza				
41	= mahumi a		+ yuniti dza				
48	= mahumi a		+ yuniti dza				

7 Ṅwalani nomboro yone kha kho̱lomo yone.

	Mahumi	Yuniti
27		
34		
46		
41		
39		

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

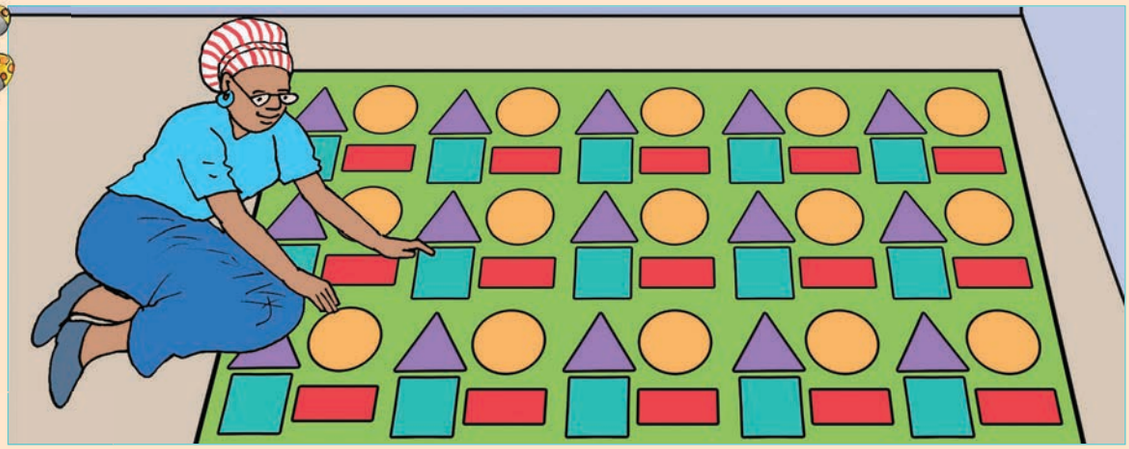


Deithi:

Zwikwea, rekithiengele, thiraiengele na zwitendeledzi

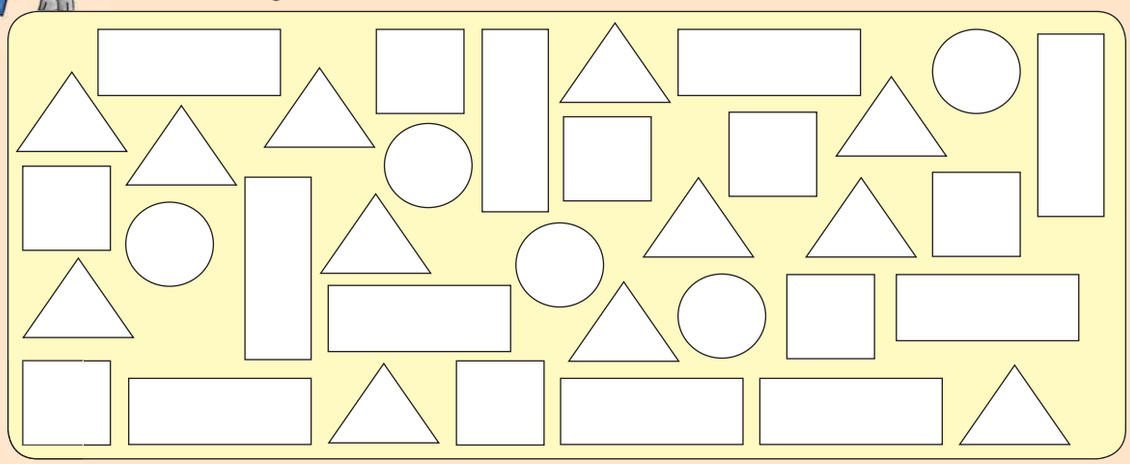


Makhulu vho ita khwiḽithi yo nakaho. Ṱalusani zwivhumbeo zwoṱhe.





Khaḽarani nga muvhala wa lutombo zwikwea, wa ṱaḓa kha rekithiengele, mudala kha thiraiengele na mutswuku kha zwitendeledzi.





Nangani ni ole phindulo yone.



matungo a tswititi

matungo a tshipulumbu



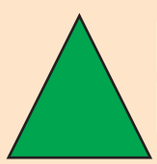
matungo a tswititi

matungo a tshipulumbu



matungo a tswititi

matungo a tshipulumbu

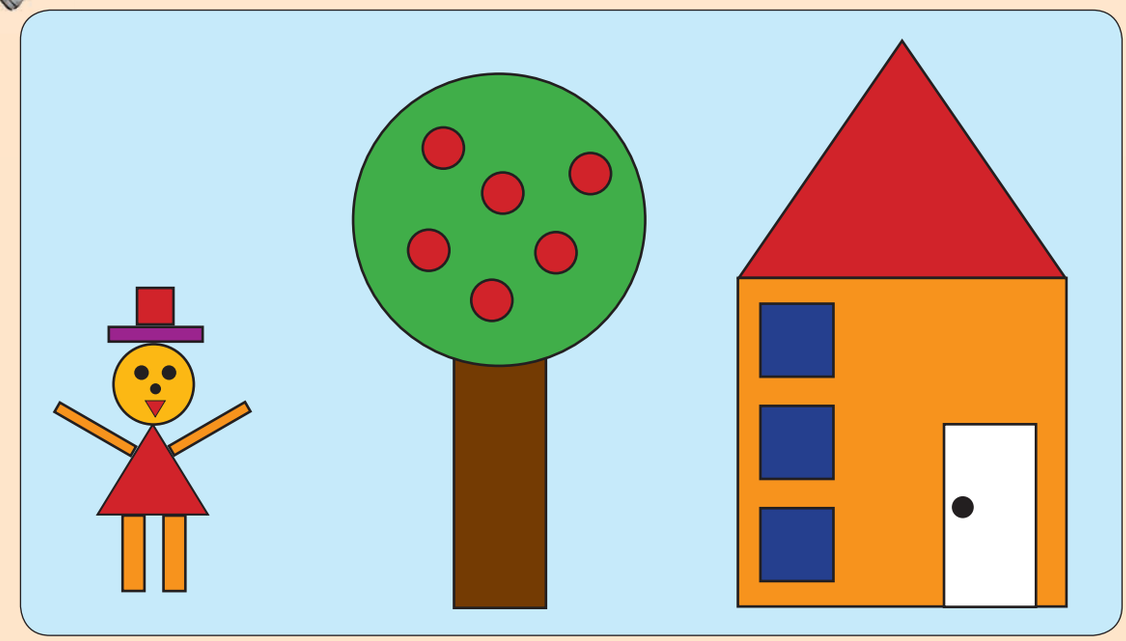


matungo a tswititi

matungo a tshipulumbu



Ndi ● ■ ▲ na ▭ zwingana zwe na vhala?



● ▢ ■ ▢ ▲ ▢ ▭ ▢

Olani tshifanyiso tsha inwi muṇe ni tshi shumisa zwitendeledzi, zwikwea, thiraiengele na rekithiengele.

Teacher:
Sign:
Date:

37



Deithi:

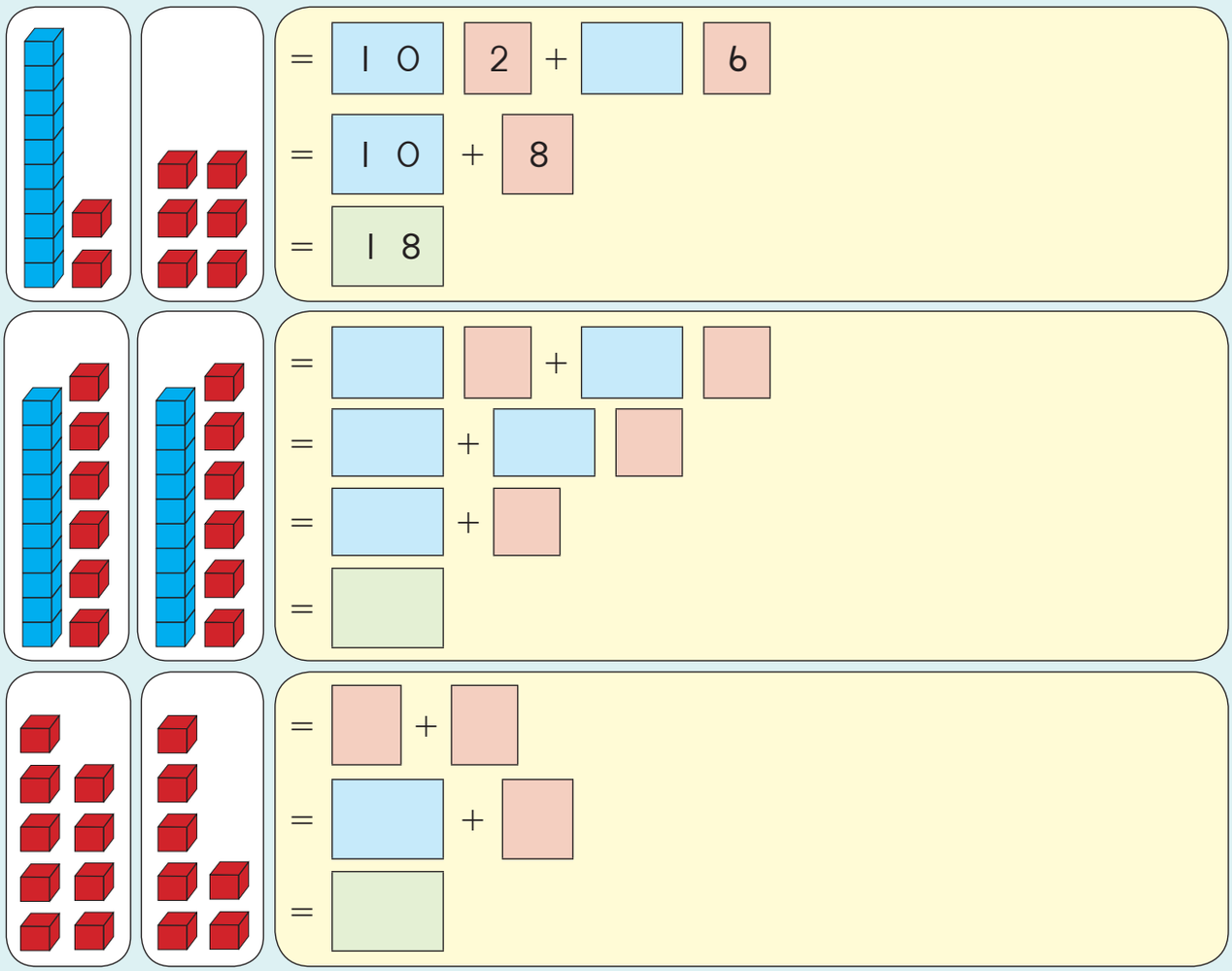
.....

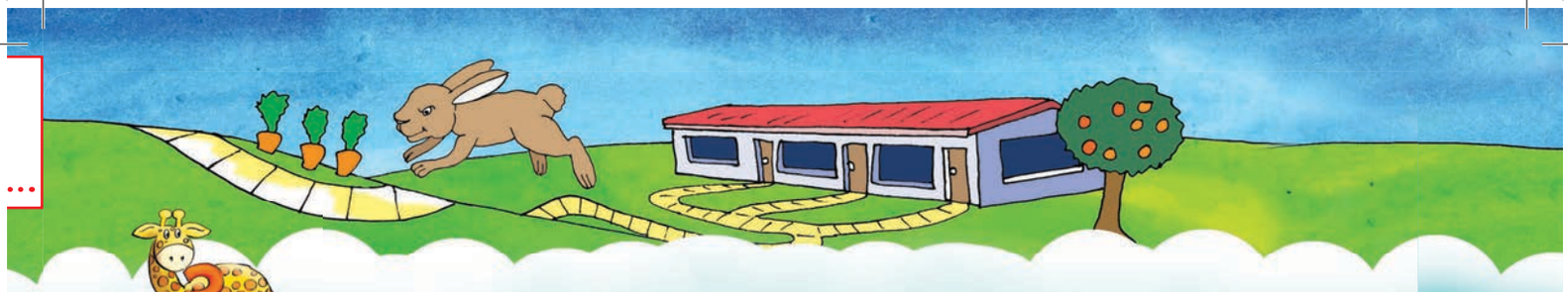
Mutanganyo na mutuso u swika kha 20

U elelwa nga u tavhanya.

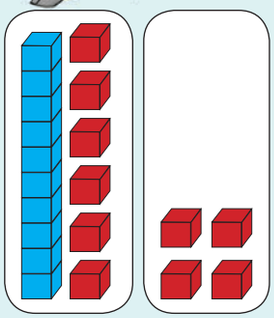
4 + 5 − 1 =	13 − 9 + 2 =	20 − 7 + 1 =	10 + 5 − 4 =
10 + 3 + 2 =	9 + 3 − 2 =	8 − 2 − 1 =	13 − 8 + 1 =
9 − 4 − 3 =	18 − 9 − 4 =	7 + 8 + 1 =	16 − 7 + 3 =
14 − 6 + 4 =	12 − 5 − 2 =	19 − 10 + 5 =	6 + 5 − 3 =

Tanganyani zwi tevhelaho.





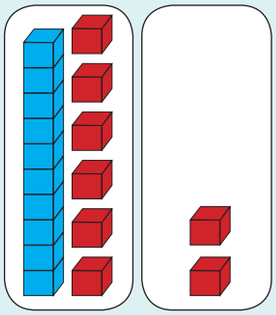
3 Ṱusani zwi tevhelaho.



= 10 6 − 4

= 10 − 2

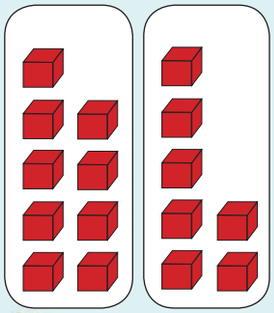
= 8



= ☐ ☐ − ☐ ☐

= ☐ + ☐

= ☐

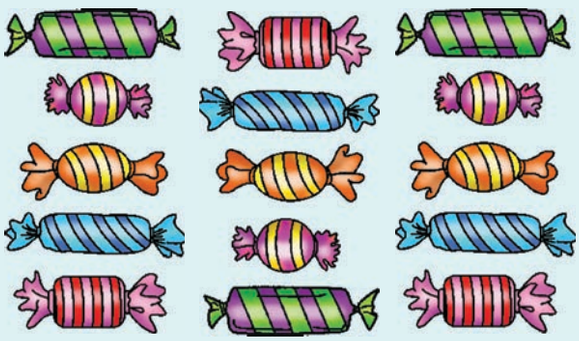


= ☐ − ☐

= ☐



4 Ndo renga maḽegere a 15. Ndo ḽa a 2. Ndo ṋea khonani yanga a 4.
Ndo salelwa nga maḽegere mangana?



Teacher:

Sign:

Date:

38

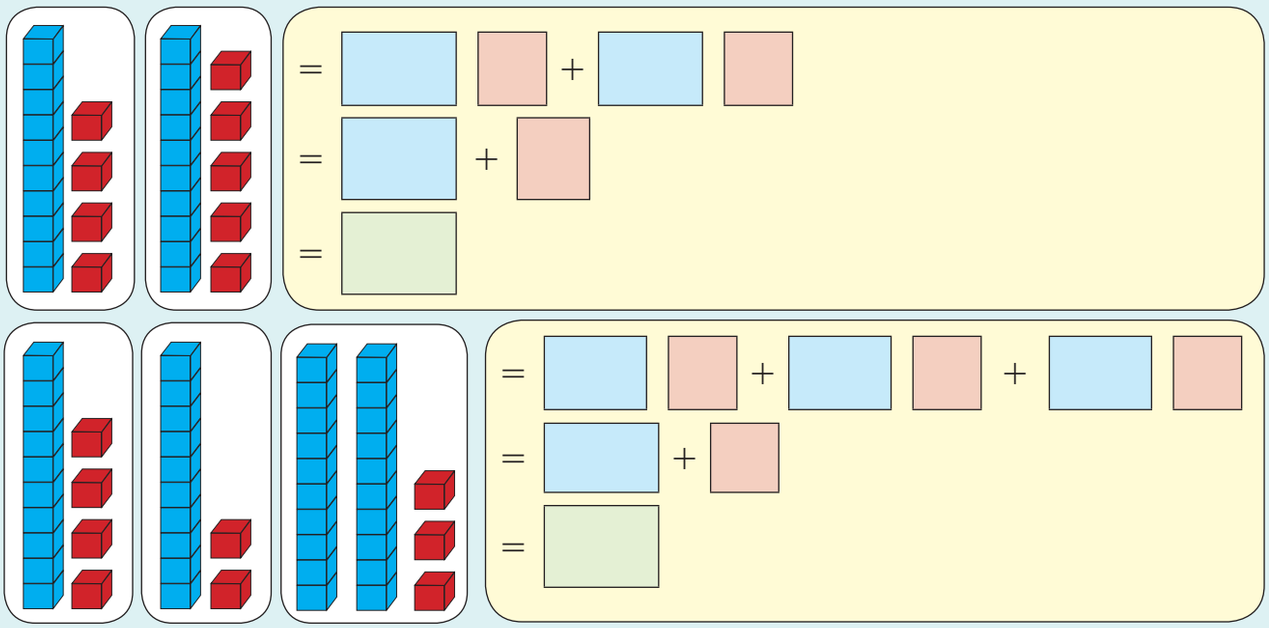
Deithi:

Muṱanganyo na muṱuso u swika kha 50

U elelwa nga u ṱavhanya.

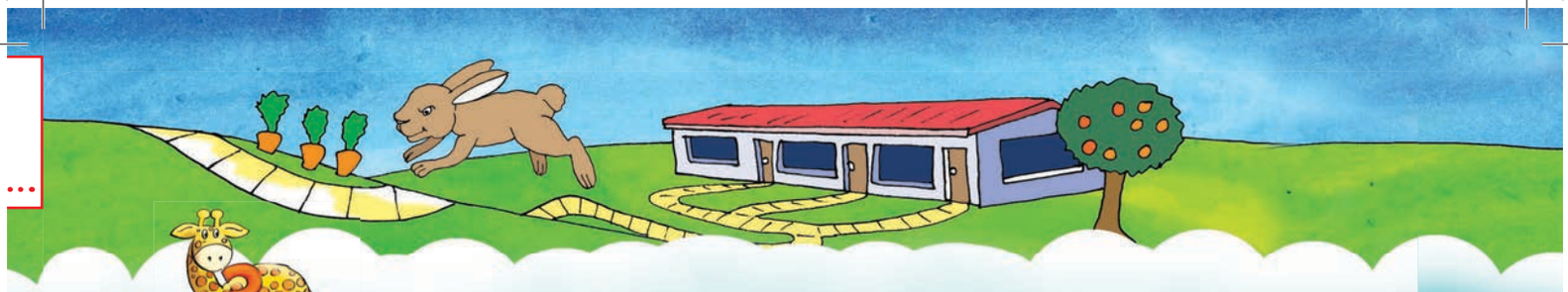
20 + 2 − 1 =	36 − 6 + 2 =	42 − 2 + 4 =	47 + 4 − 1 =
30 + 3 + 6 =	42 + 9 − 1 =	33 − 2 − 1 =	49 − 1 + 2 =
55 − 5 − 0 =	38 − 7 − 1 =	45 + 1 + 2 =	50 − 5 + 3 =
24 − 3 + 2 =	32 − 5 − 2 =	49 − 10 + 1 =	29 + 5 − 4 =

Ṱanganyani zwi tevhelaho.

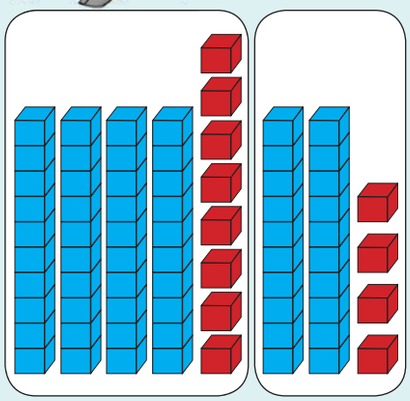


Zwino edzisanivho ndila yaṋu.





Ṱusani zwi tevhelaho.

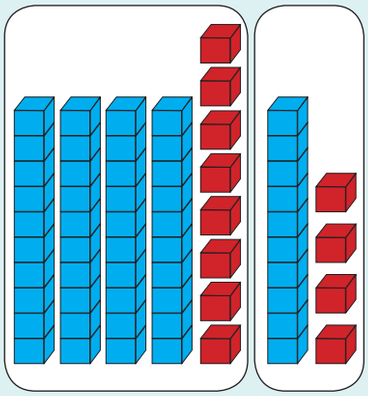


= 40 8 − 20 4

= 40 − 20 + 8 − 4

= 20 + 4

= 24

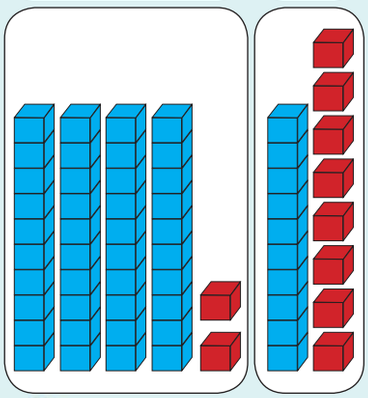


= ☐ ☐ − ☐ ☐

= ☐ − ☐ + ☐ − ☐

= ☐ + ☐

= ☐



= ☐ ☐ − ☐ ☐

= ☐ − ☐ + ☐ − ☐

= ☐ − ☐

= ☐



Kha kubannga kwanga kwa tshelede ndi na R10 ya bammbiri, R5 ya khoini, R20 ya bammbiri na R2 ya khoini. Ndi vhugai ye nda vhulunga?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

39a

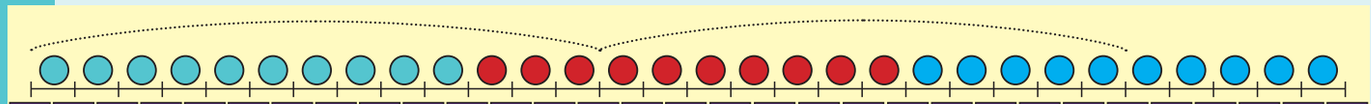
Deithi:

Mutanganyo munwe hafhu

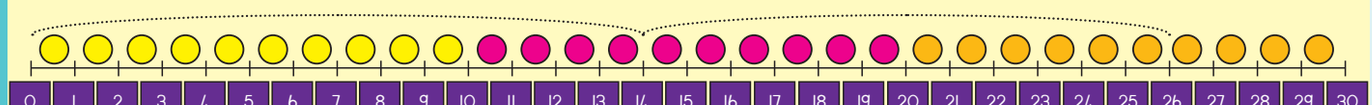
Ṱanganyani nomboro dzi re tshibuḽokoni tshiṅwe na tshiṅwe ni ṅwale ṱhanganyelo.

1 10 5 10	2 10 6 20	3 20 5 20	4 20 4 10

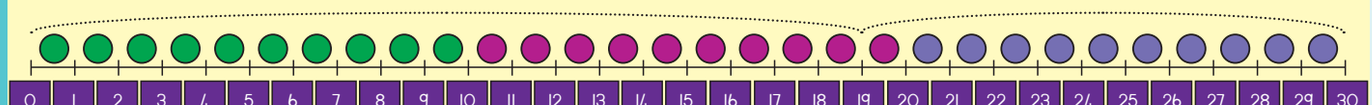
Ṱanganyani.



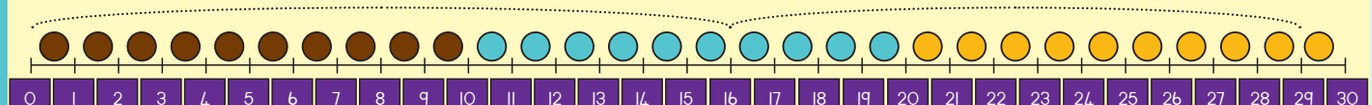
13 + 12 = ☐



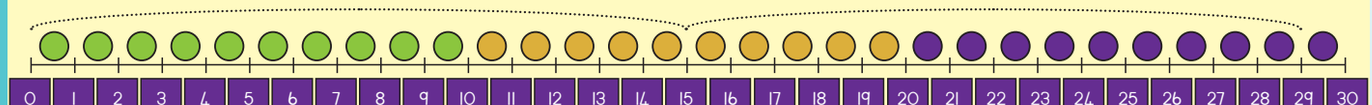
14 + 12 = ☐



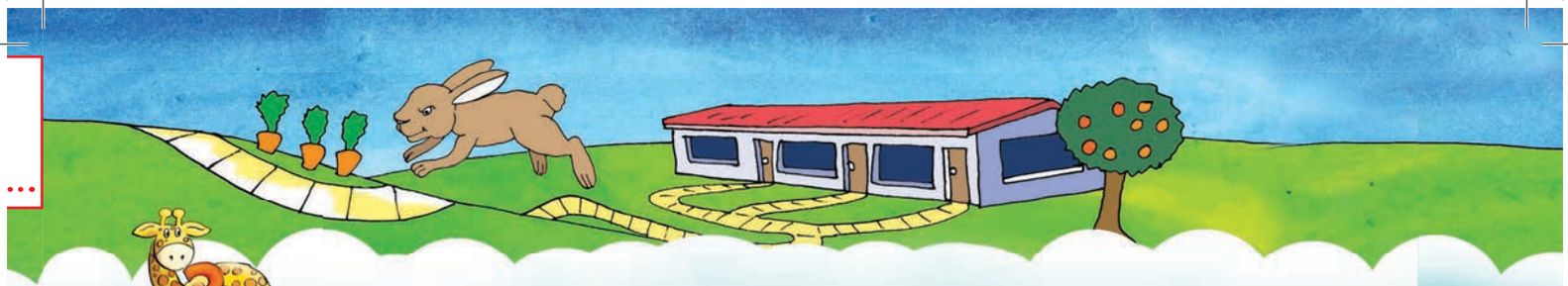
19 + 11 = ☐



16 + 13 = ☐



15 + 14 = ☐



Ṱanganyani.

12 + 11

= 10 2 + 10 1

= 10 + 10 + 2 + 1

= 20 + 3

= 23

13 + 15

= ☐☐ + ☐☐

= ☐ + ☐ + ☐ + ☐

= ☐ + ☐

= ☐

26 + 12

= ☐☐ + ☐☐

= ☐ + ☐ + ☐ + ☐

= ☐ + ☐

= ☐

23 + 22

= ☐☐ + ☐☐

= ☐ + ☐ + ☐ + ☐

= ☐ + ☐

= ☐

24 + 13

= ☐☐ + ☐☐

= ☐ + ☐

= ☐

35 + 12

= ☐☐ + ☐☐

= ☐ + ☐

= ☐



Rendani o renga maḽegere a R36 ngeno Sipho o renga a R13. Vho shumisa vhugai kha u renga maḽegere?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

39b

Deithi:

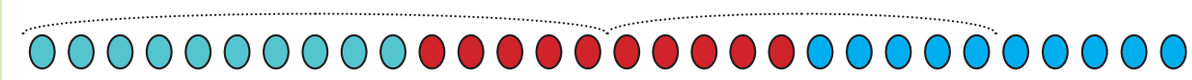
Mu̱ṱanganyo mu̱ṅwe haf hu

1 Ṅwalani ṱhanganyelo.

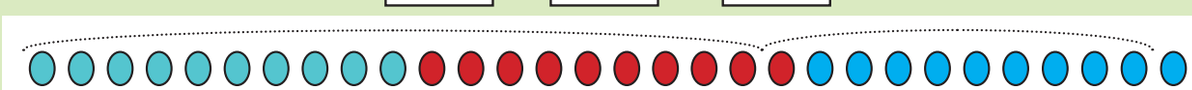
12 + 10 = ☐



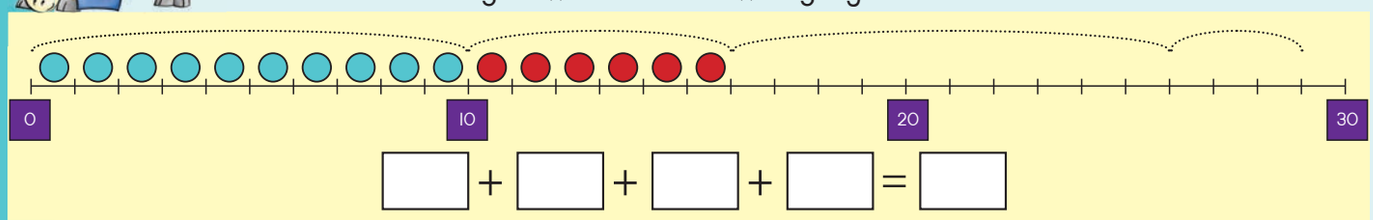
15 + 10 = ☐



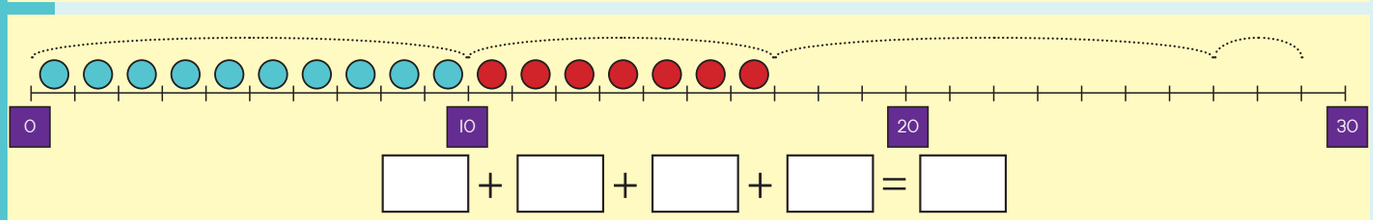
19 + 10 = ☐



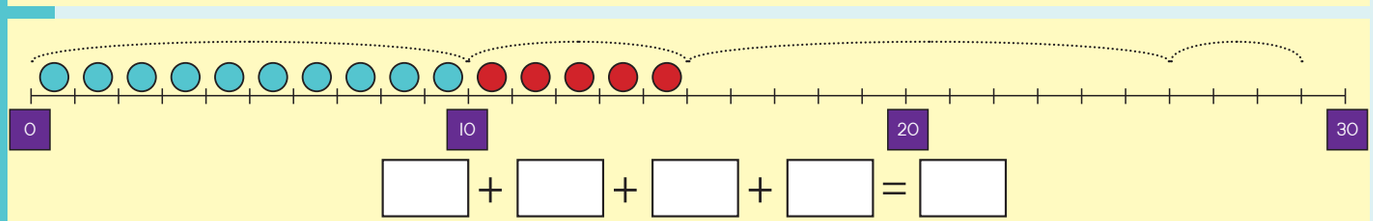
2 Olani vhu̱ṅwe vhulungu ho̱ṱhe ni f hedzise ṱhanganyelo.



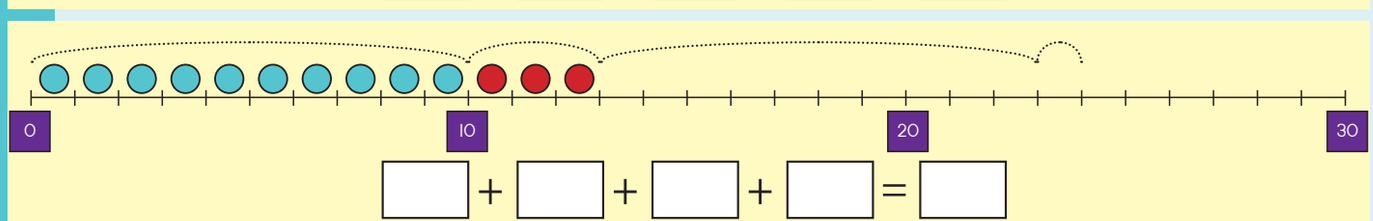
☐ + ☐ + ☐ + ☐ = ☐



☐ + ☐ + ☐ + ☐ = ☐

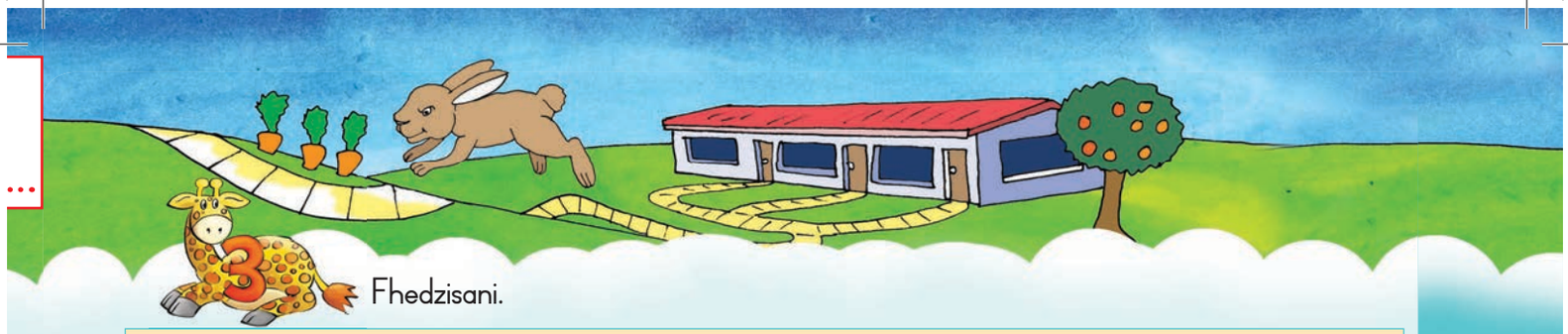


☐ + ☐ + ☐ + ☐ = ☐



☐ + ☐ + ☐ + ☐ = ☐





Fhedzisani.

28	+	11	=	2	8	+	10	+	1	=	38	+	1	=	39
34	+	12	=	3	4	+	10	+	2	=		+		=	
23	+	13	=	2	3	+	10	+	3	=		+		=	
35	+	12	=	3	5	+	10	+	2	=		+		=	
26	+	11	=	2	6	+	10	+	1	=		+		=	

Ṱanganyani.

11 + 10 =	23 + 10 =	36+ 10 =
28 + 10 =	37 + 10 =	12 + 10 =
34 + 10 =	29 + 10 =	15 + 10 =

Ṱhanganyelo ya 27 na 26 ndi? ☐

Olani tshifanyiso ni tshi sumbedza phindulo yaṋu.

Itani mbalo ya maipfi ya inwi muṋe ni tshi shumisa zwifanyiso.

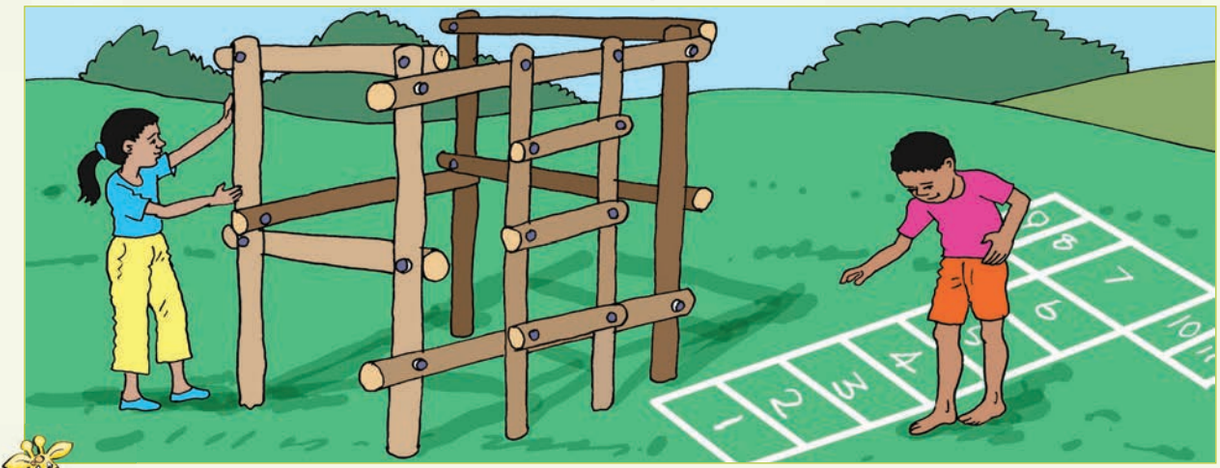


Teacher:
Sign:
Date:

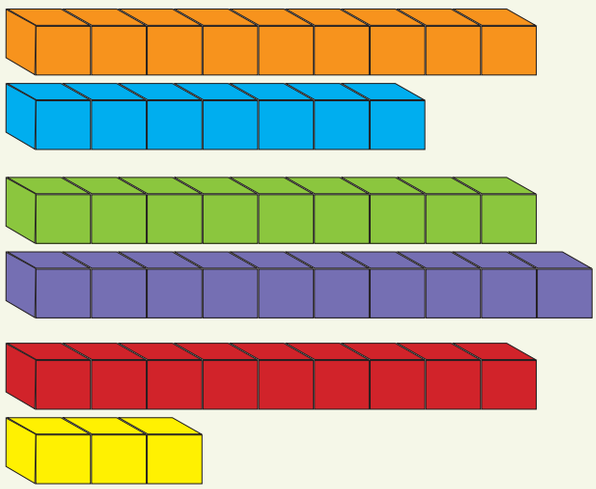
40

Deithi:

Vhulapfu



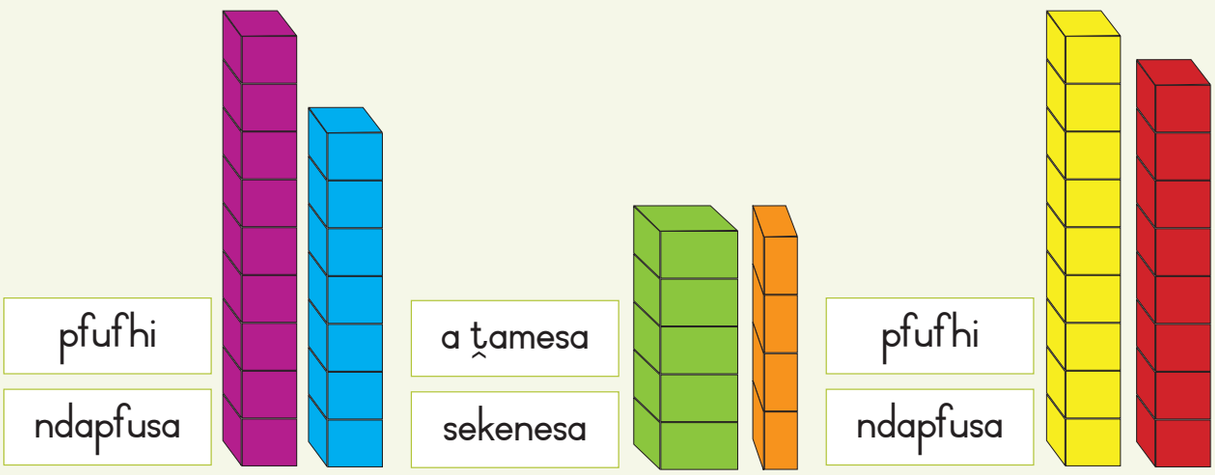
Khaḽarani phindulo yone ni tshi sumbedza uri miduba (rou) iyi ndi mipfufhi kana ndi milapfu naa, milapfu (vhunavha), kana yo nṱama kana yo sekena naa. Khaḽarani phindulo yaṋu nga muvhala muthihi na wa zwibuḽoko.



pfufhi ndapfusa

pfufhi ndapfusa

pfufhi ndapfusa



pfufhi
ndapfusa

a ṱamesa
sekenesa

pfufhi
ndapfusa

1 2 3 4 5 6 7 8 9 10



Khaḽarani phindulo nga muvhala u fanaho na wa vhurukhu vhupfufhi ha mutukana.



mupfufhi | mulapfu



mupfufhi | mulapfu



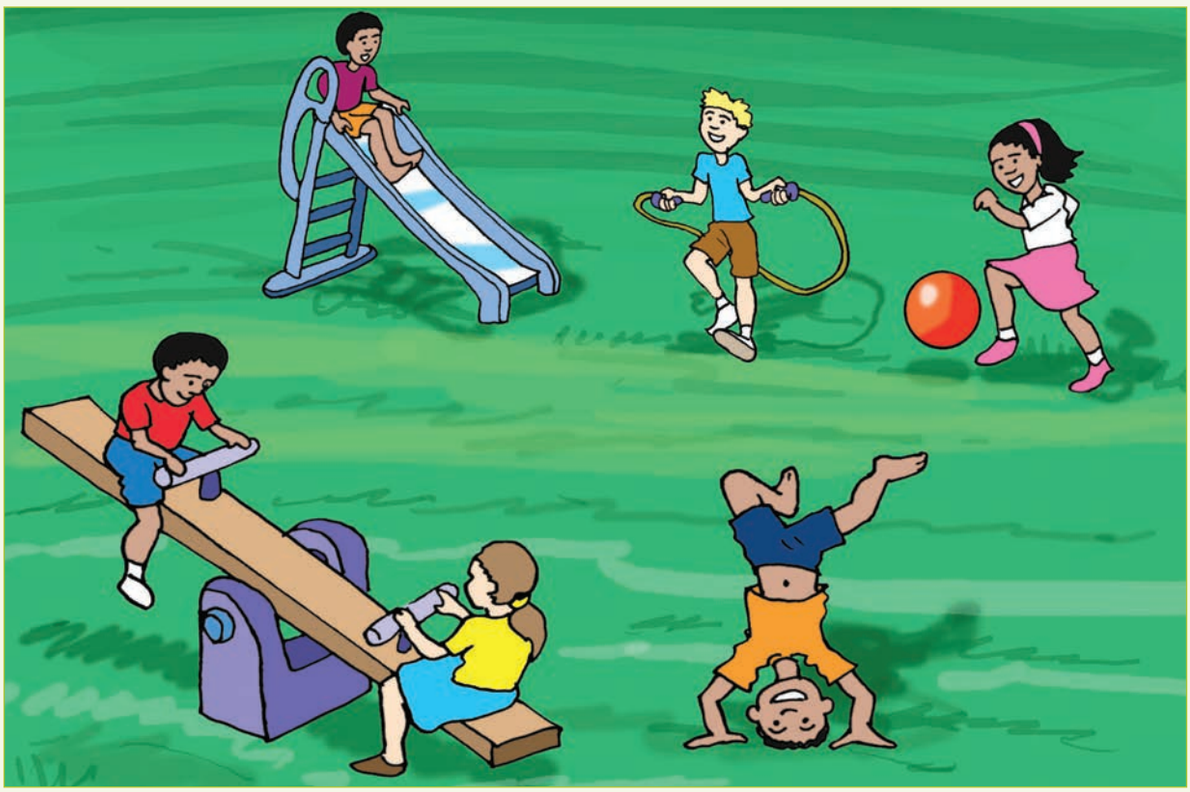
mupfufhi | mulapfu

Kalani matungo a luvhanḓe nga tshanḓa kana ṋayo ni tshi shumisa zwi no bva kha tshigeriwa I.

Luvhanḓe lwo lapfa lungafhani nga vhulapfu ha zwanḓa. _____

Luvhanḓe lwo lapfa lungafhani nga vhulapfu ha ṋayo. _____

vhulapfu



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

41



Deithi:

Muṱuso muṅwe hafhu

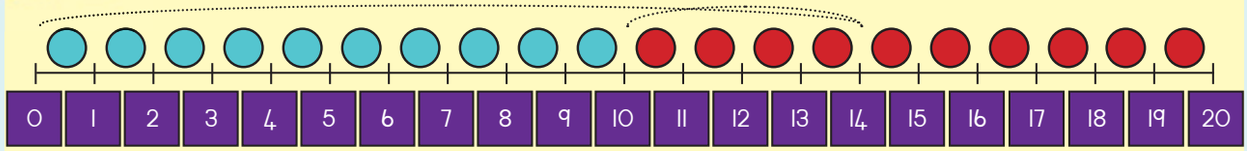


Livhanyani magaraṱa na mbalo dza muṱuso.

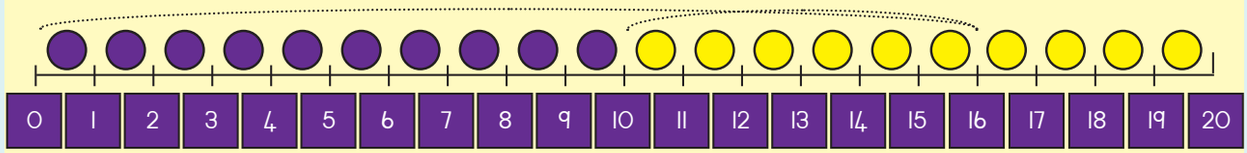
10	10	10	10	10
2 2	8 8	7 7	5 5	3 3
17 – 7 = 10	12 – 2 = 10	15 – 5 = 10	13 – 3 = 10	18 – 8 = 10



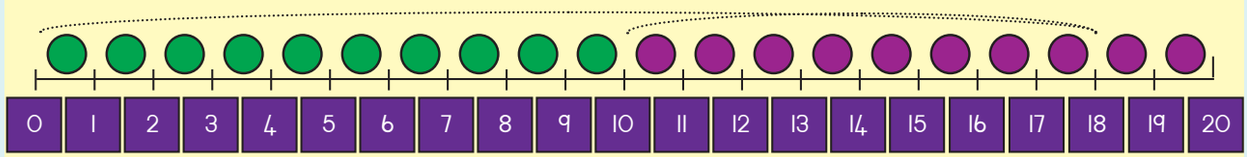
Shumisani mutalombalo. Ṅwalani mbalo ya muṱuso.



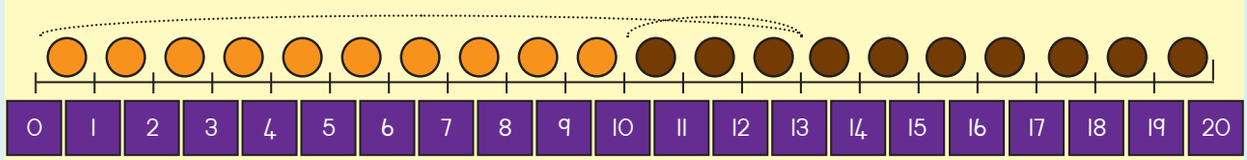
14 – 4 = 10



__ – __ = __

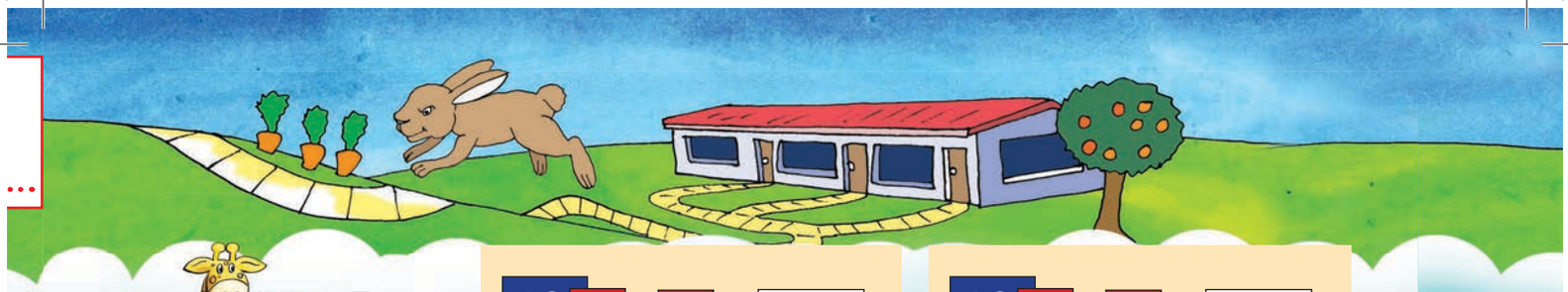


__ – __ = __



__ – __ = __







Tusani.

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



Tusani.

16 − 13

10	10		0	
6		3	=	3
16	−	13	=	3

14 − 12

10	10			
4		2	=	
14	−	12	=	

27 − 11

20	10			
7		1	=	
	−		=	

35 − 13

30	10			
5		3	=	
	−		=	

26 − 12

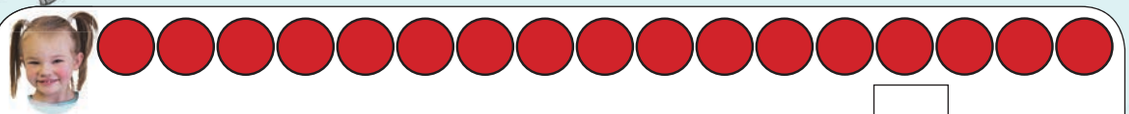
20	10			
6		2	=	
	−		=	

48 − 11

40	10			
8		1	=	
	−		=	



Ann u na zwivhaleli zwa 17. A xedza zwivhaleli zwa 8.



Ndi zwivhaleli zwingana zwe a sala nazwo?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

42a



Deithi:

Muṱuso munzhi

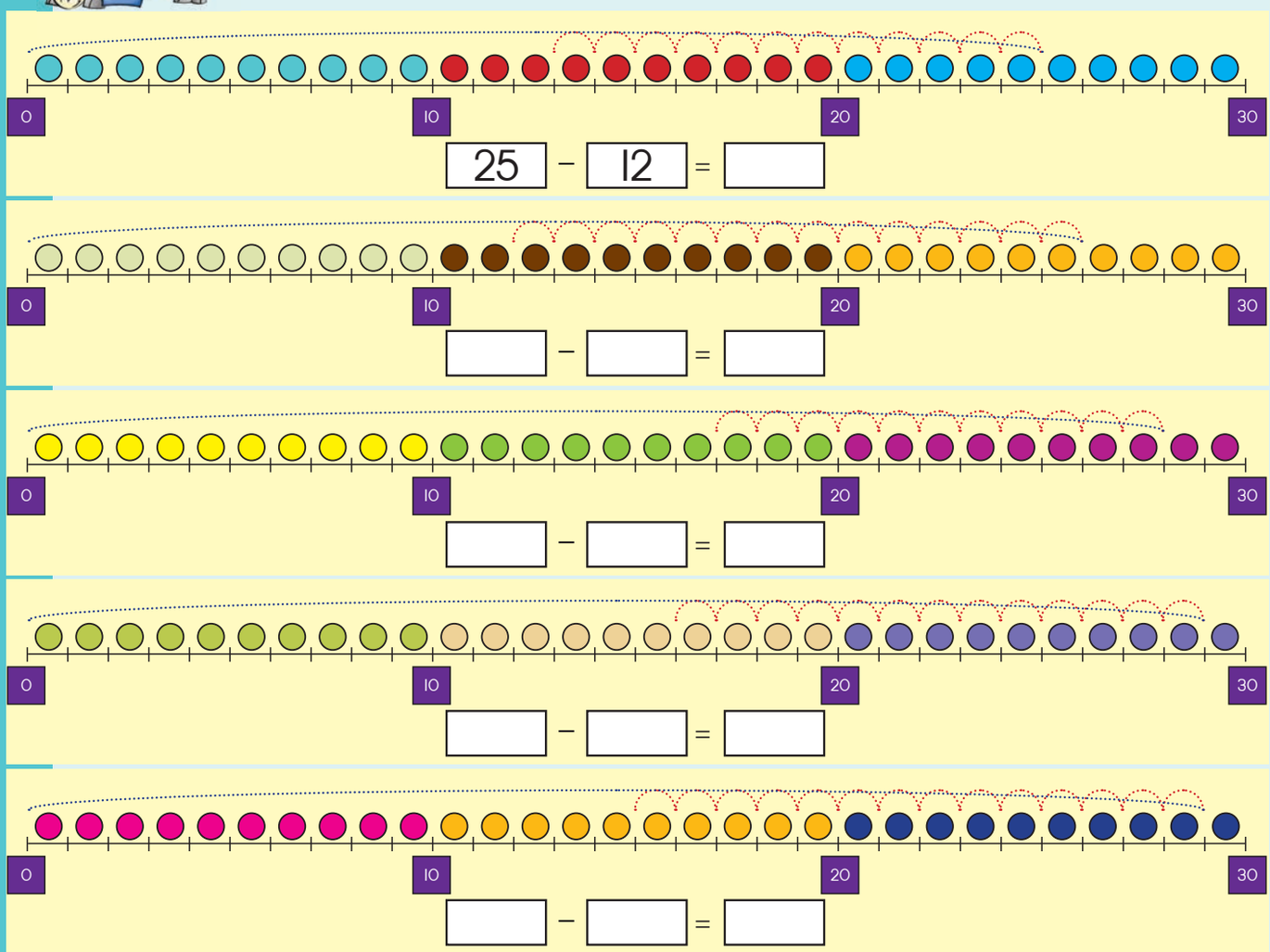


Ṱusani nomboro dzi re nga fhasi kha nomboro dzi re nga ntha.

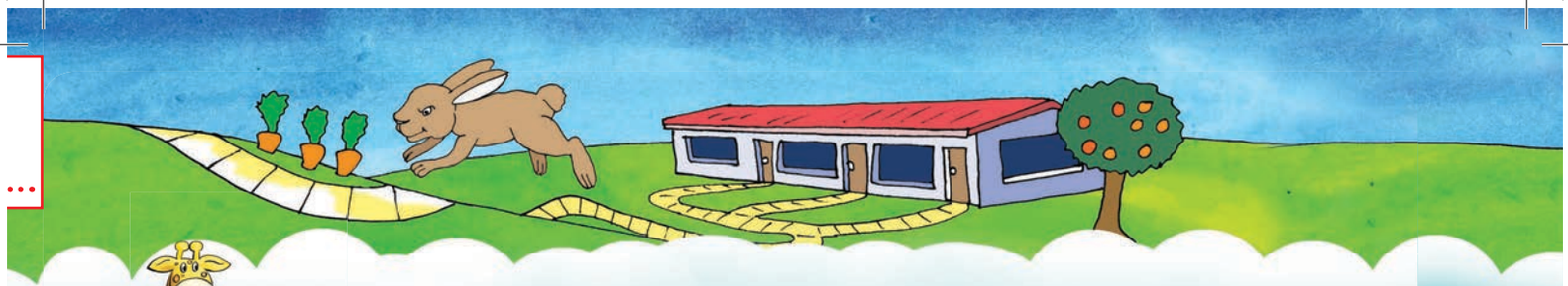
10 + 7 = 17	20 + 2 =	30 + 8 =	40 + 9 =
10 + 5 = 15	10 + 1 =	10 + 5 =	10 + 4 =
2 =			



Shumisani mutalombalo. Ṅwalani mbalo ya muṱuso.









Tusani.

45 – 23

= 40 5 – 20 3

= 40 – 20 + 5 – 3

= 20 + 2

= 22

38 – 16

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

29 – 14

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

48 – 11

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

35 – 23

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

38 – 15

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐



Teacher:

Sign:

Date:

42b

Deithi:

Muṅwe muṱuso haf huhaf hu

1 Ṱhanganyelo ya tshibuḽoko tshiṅwe na tshiṅwe ndi mini?

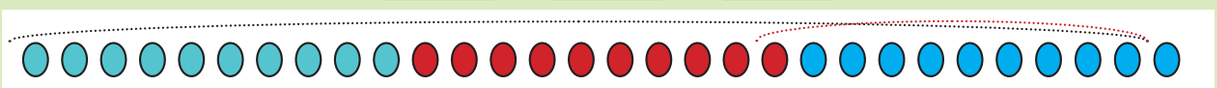
2 2 − 1 0 = ☐



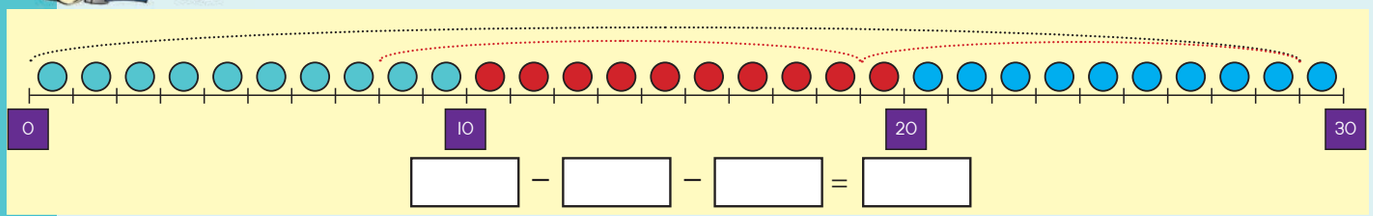
2 5 − 1 0 = ☐



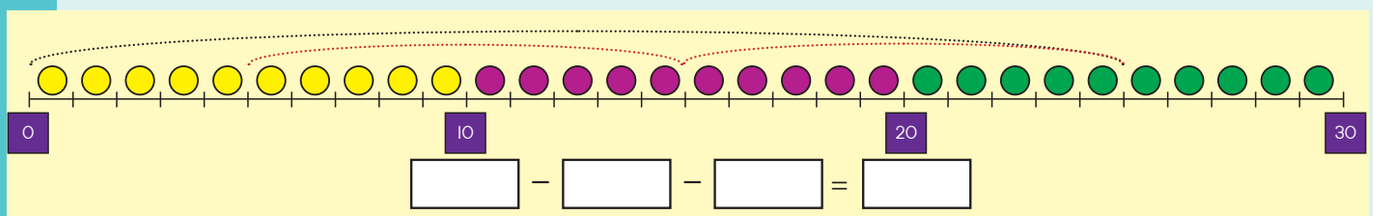
2 9 − 1 0 = ☐



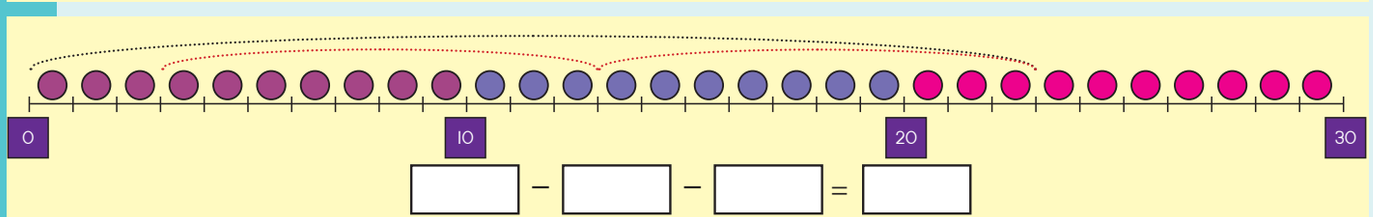
2 Fhedzisani mbalo dza muṱuso.



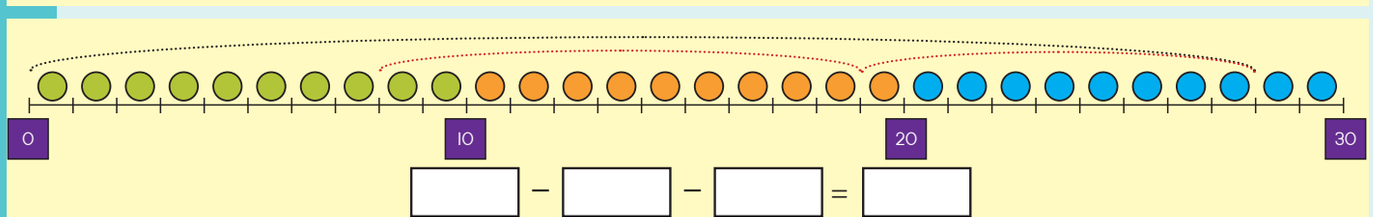
☐ − ☐ − ☐ = ☐



☐ − ☐ − ☐ = ☐

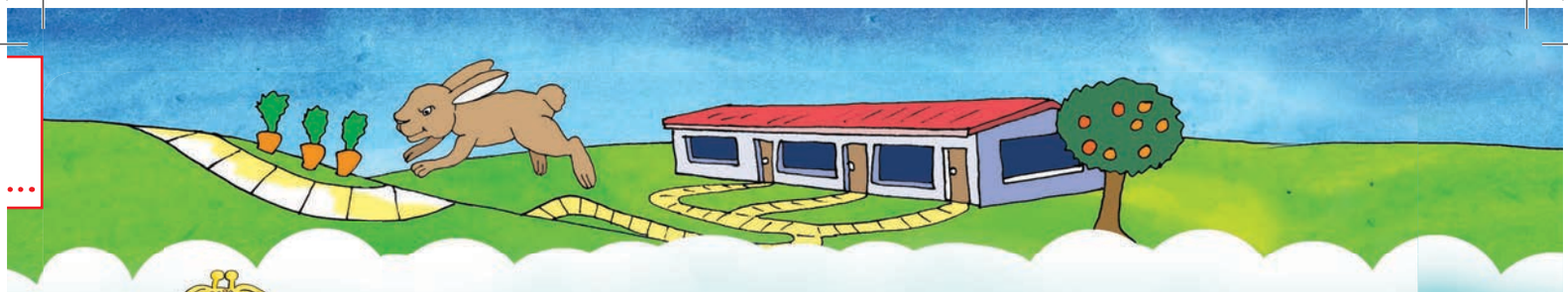


☐ − ☐ − ☐ = ☐



☐ − ☐ − ☐ = ☐







Fhedzisani.

46	−	13	=		49	−	23	=
38	−	14	=		27	−	16	=
25	−	11	=		46	−	32	=



Ra ṱusa.

21 − 10 =	43 − 10 =	16 − 10 =
28 − 10 =	27 − 10 =	22 − 10 =
34 − 10 =	37 − 10 =	45 − 10 =

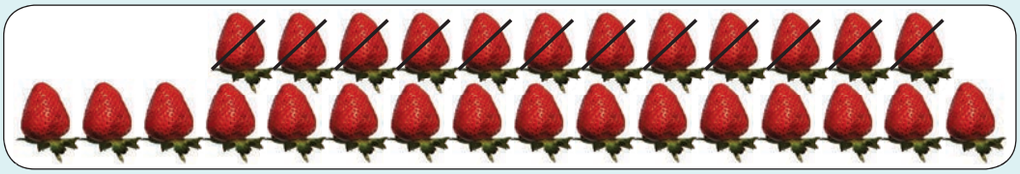


Phambano vhukati ha 35 na 20 ndi? Olani tshifanyiso ni tshi sumbedza phindulo yaṋu.

35 − 20 = _____



Itani mbalo ya ipfi ya inwi muṋe ni tshi khou shumisa zwifanyiso.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

43

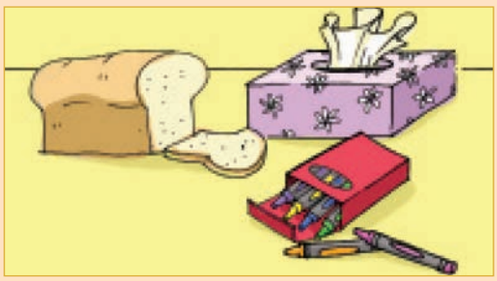
Deithi:

U lemela na u leluwa

1 Lavhelesani tshifanyiso tshiṅwe na tshiṅwe ni fhindule mbudziso.

Ndi tshifhio tshi no leluwa nahone ndi tshifhio tshi no lemela?





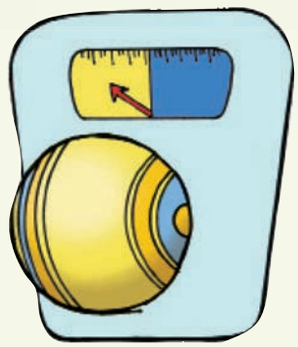
2 Olani tshifanyiso tsha:

Zwithu zwi no lemela	Zwithu zwi no leluwa

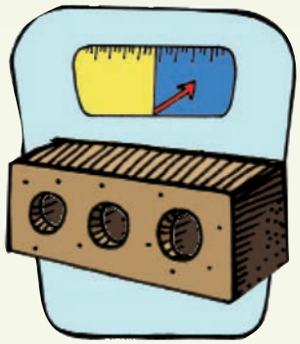
1 2 3 4 5 6 7 8 9 10

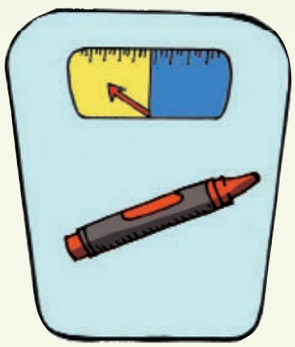


Musi musevhe mutswuku u tshi sumba wa lutombo zwi amba uri itsho tshithu tshi a lemela. Ṅwalani uri leluwa kana lemela.

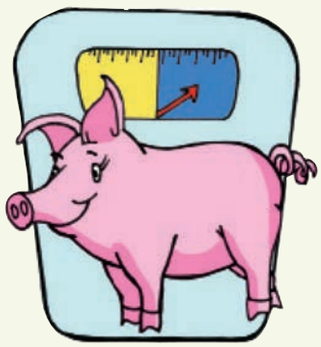


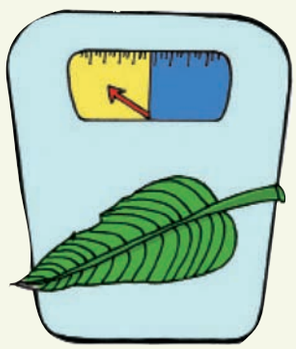
u leluwa



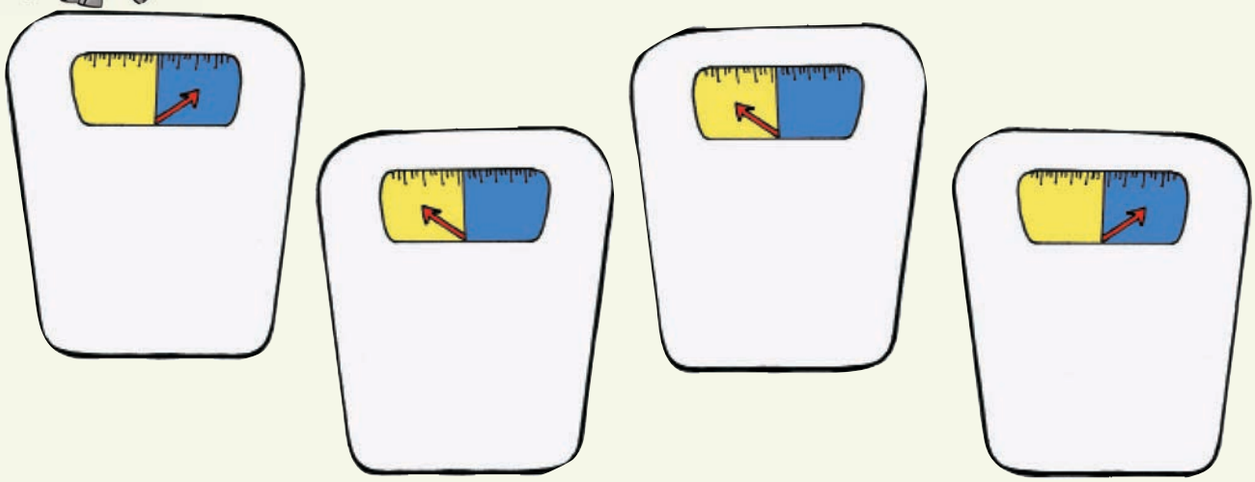








Olani kana ni nambatedze zwithu ni tshi tevhedza zwine tshikalo tsha sumbedza.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

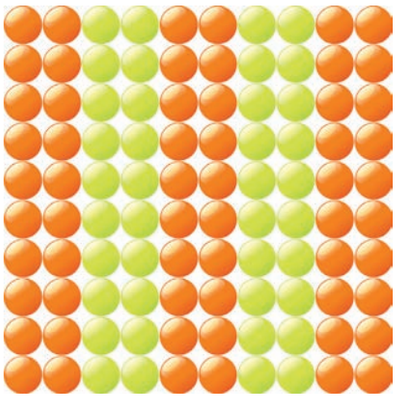
44

Deithi:

Phetheni dza nomboro: Nga zwivhilizwivhili

1 Kha ri vhale nga zwivhili.





2 Olani kana ni nambatedze zwithu zwi no ḓa nga zwivhili.

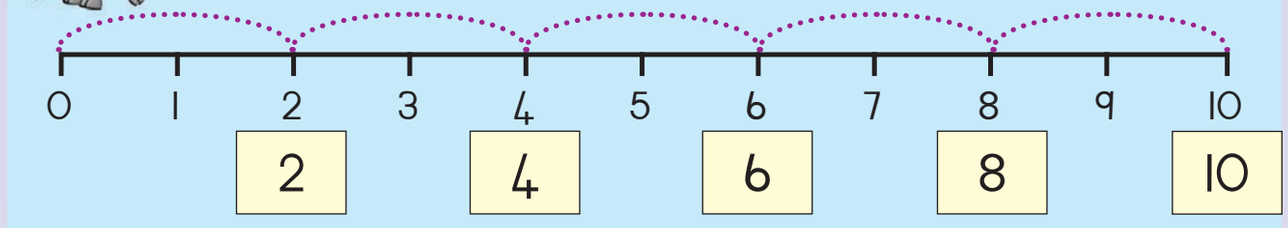
3 Ro thoma phetheni. I fhedziseni.

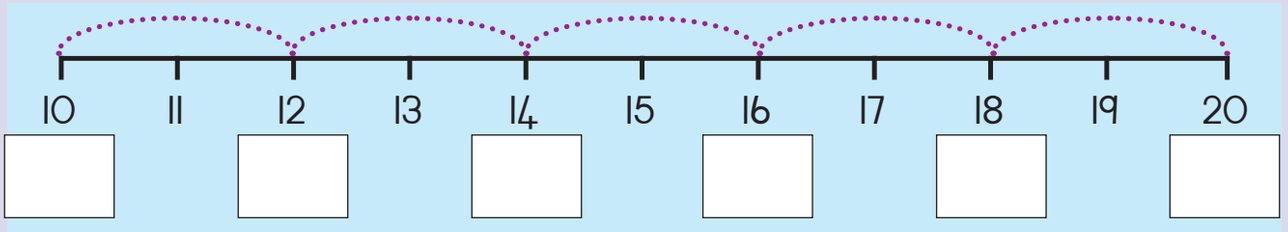
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

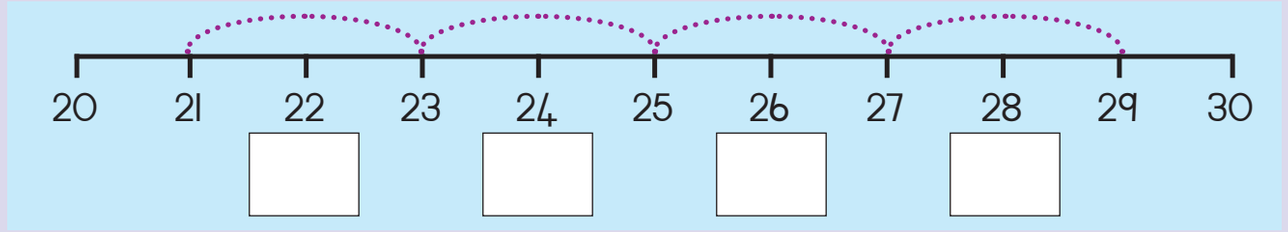
1 2 3 4 5 6 7 8 9 10

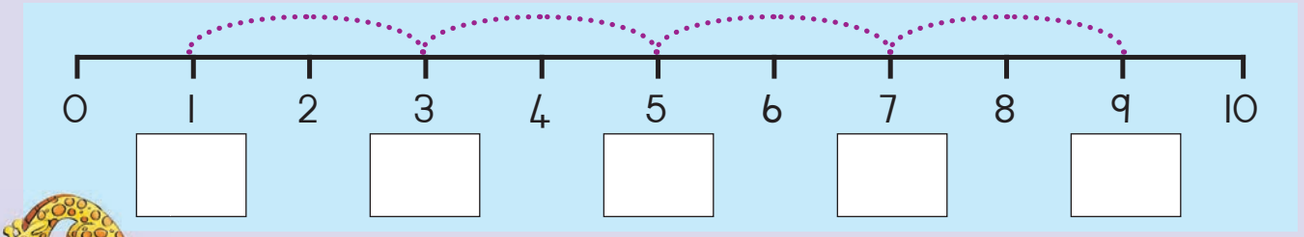


Shumisani mitalombalo kha u ṅwala phetheni.









Fhedzisani zwi tevhelaho.

2, 4, 6, __ , __ , __	13, 15, 17, __ , __ , __	26, 24, 22, __ , __ , __
62, 64, 66, __ , __ , __	55, 57, 59, __ , __ , __	11, 9, 7, __ , __ , __
44, 46, 48, __ , __ , __	10, 8, 6, __ , __ , __	29, 27, 25, __ , __ , __
1, 3, 5, __ , __ , __	98, 96, 94, __ , __ , __	95, 93, 91, __ , __ , __

2 4 6 8 10 12 14 16 18 20

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

45

Deithi:

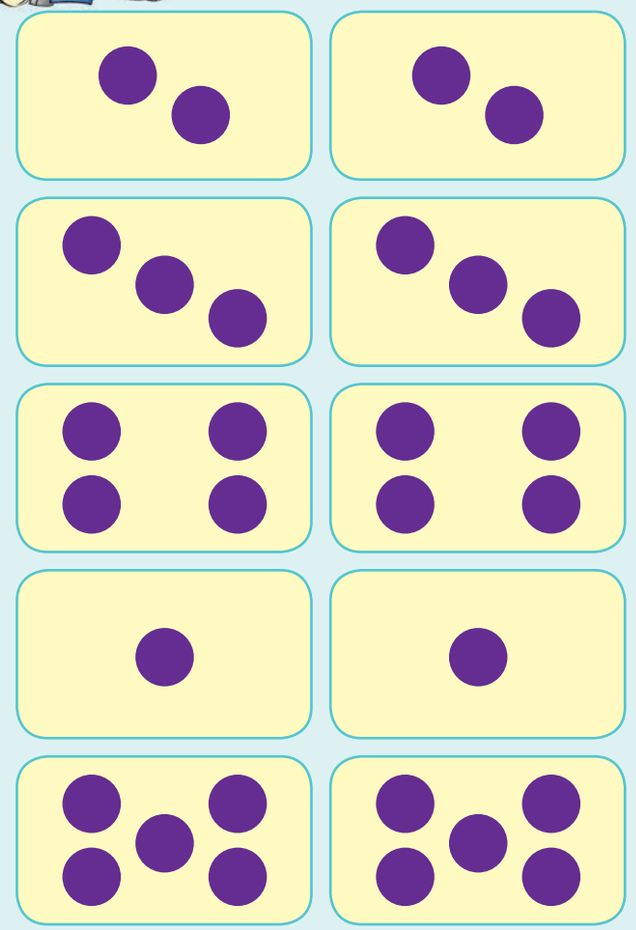
U inga kavhili (U davhula)

1 Lavhelesani tshifanyiso tsha u thoma na tsha vhuvhili. Ho bvelela mini?





2 Engedzani zwithoma, ni ṅwale ṱhanganyelo ya iṅwe na iṅwe.

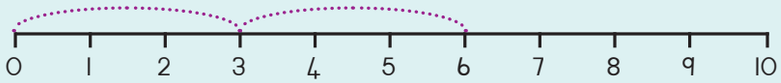


1 2 3 4 5 6 7 8 9 10

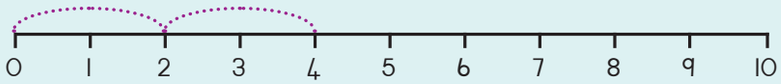




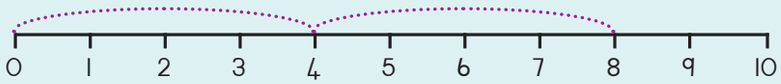
Shumisani mutalombalo kha u ṅwala ṱhanganyelo.



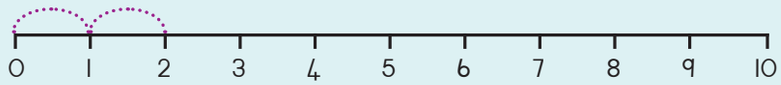
□ + □ = □



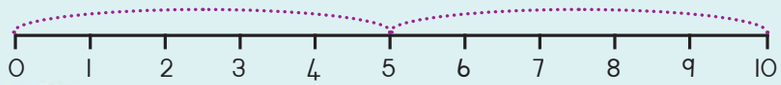
□ + □ = □



□ + □ = □



□ + □ = □



□ + □ = □



Ingani kavhili zwi tevhelaho:

1 kavhili	1 + 1 = 2	2 × 1 = 2
2 kavhili	□ + □ = □	2 × □ = □
3 kavhili	□ + □ = □	2 × □ = □
4 kavhili	□ + □ = □	2 × □ = □
5 kavhili	□ + □ = □	2 × □ = □





Ndi na R5. Khonani yanga u na kavhili yayo. U na vhugai?

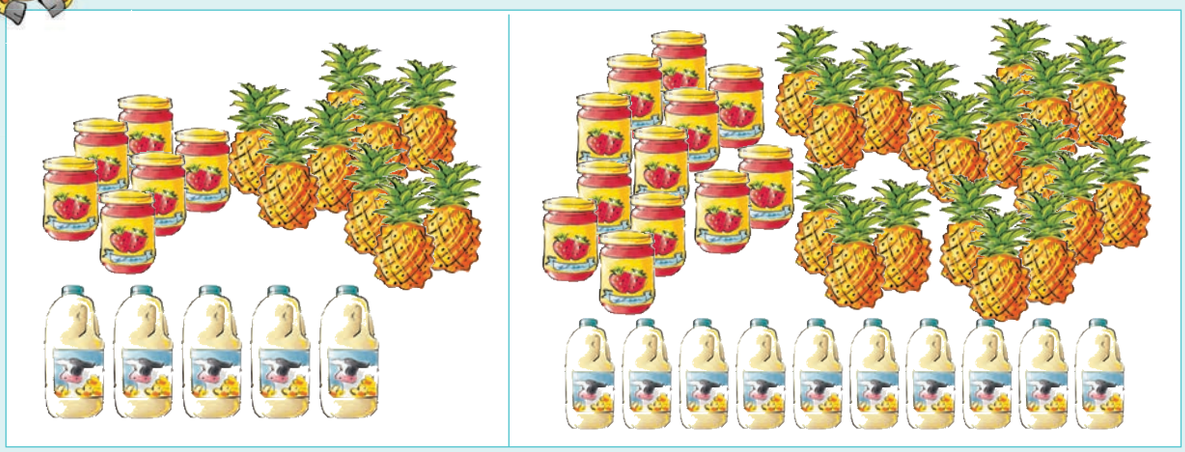
Teacher:
Sign:
Date:

46

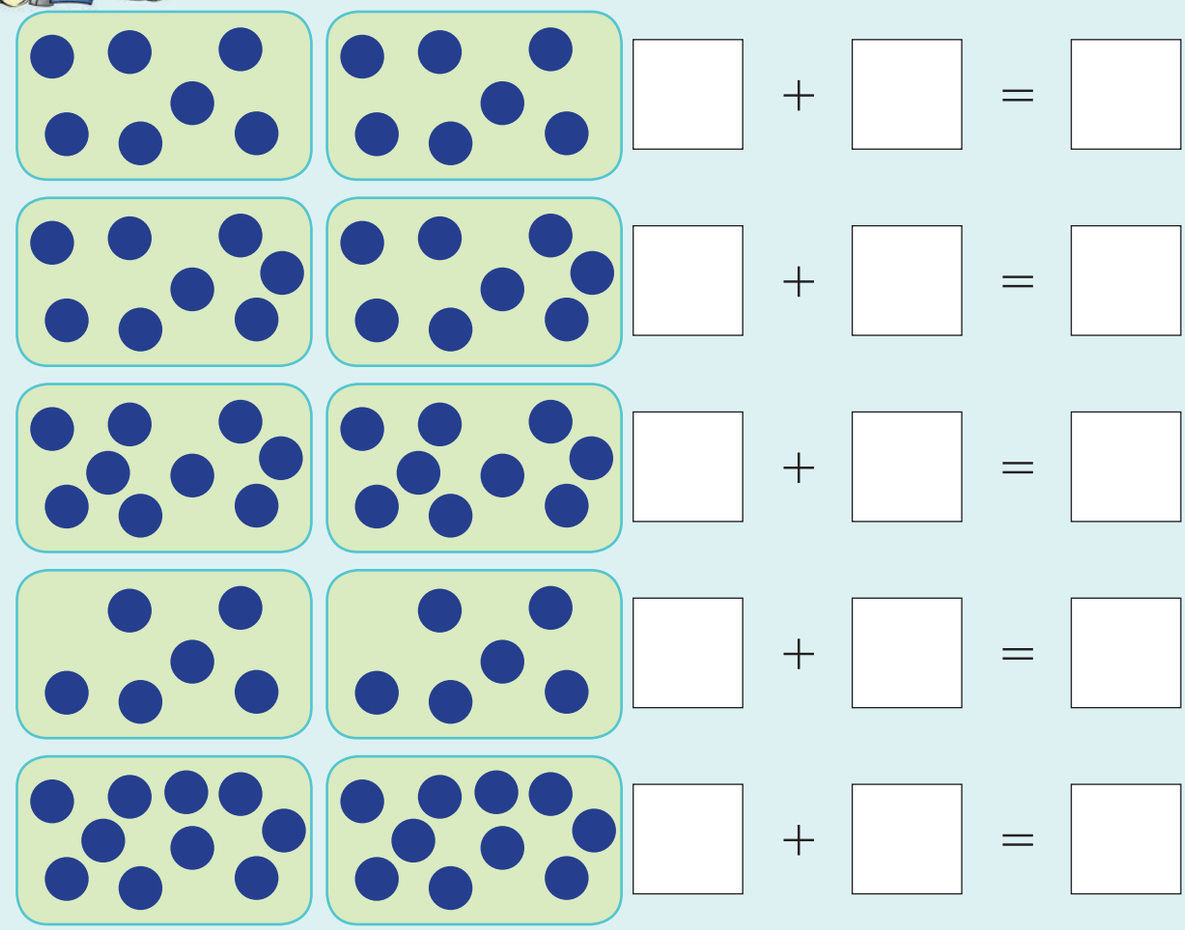
Deithi:

Ingani kavhili hafhu

Lavhelesani tshifanyiso tsha u thoma na tsha vhuvhili. Ho bvelela mini?



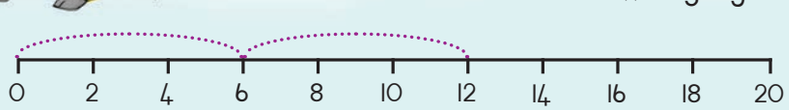
Engedzani zwithoma, ni ńwale mbalo ya ińwe na ińwe.



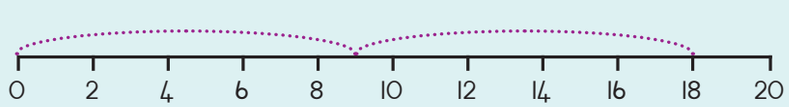
1 2 3 4 5 6 7 8 9 10



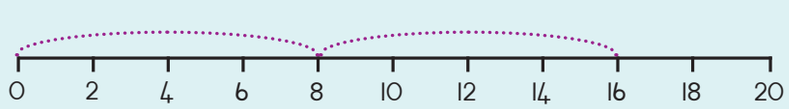
Shumisani mutalombalo kha u ṅwala ṱhanganyelo.



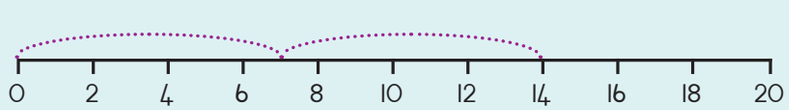
□ + □ = □



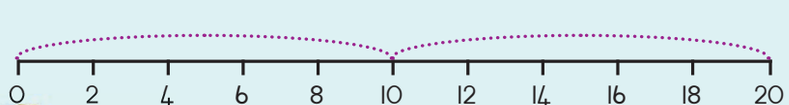
□ + □ = □



□ + □ = □



□ + □ = □



□ + □ = □

Ingani kavhili zwi tevhelaho.

6 kavhili	□ + □ = □	2 × 6 = 12
7 kavhili	□ + □ = □	2 × □ = □
8 kavhili	□ + □ = □	2 × □ = □
9 kavhili	□ + □ = □	2 × □ = □
10 kavhili	□ + □ = □	2 × □ = □

Khonani yanga u na mimavhuḽu ya 9. Ndi na mimavhuḽu i no f'hira iyo kavhili. Ndi mimavhuḽu mingana ine a vha nayo?

Teacher:
Sign:
Date:

47



Deithi:

.....

Ingani kavhili

8 kavhili

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

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

9 kavhili

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

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



Shumisani vhulungu u inga kavhili nomboro. Ro ni thomela ya u thoma.

5 kavhili



5 + 5 = ☐

6 kavhili



☐ + ☐ = ☐

7 kavhili



☐ + ☐ = ☐

8 kavhili



☐ + ☐ = ☐

9 kavhili



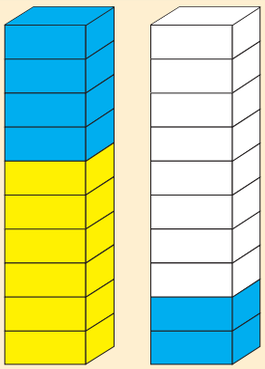
☐ + ☐ = ☐







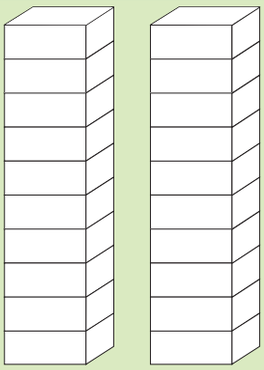
Ingani kavhili nomboro. Khalarani zwibuloko zwa fumi zwa beisi ni tshi sumbedza phindulo yanu.



6 kavhili

6 + 6 = ☐

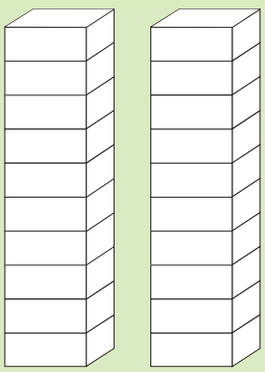
2 × 6 = ☐



8 kavhili

☐ + ☐ = ☐

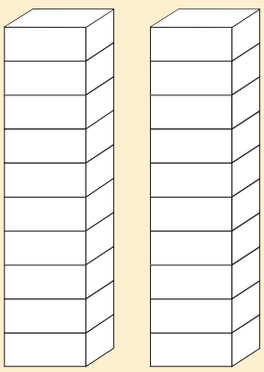
2 × ☐ = ☐



7 kavhili

☐ + ☐ = ☐

2 × ☐ = ☐



9 kavhili

☐ + ☐ = ☐

2 × ☐ = ☐



Ingani kavhili zwi tevhelaho.

7 kavhili	☐ + ☐ = ☐	2 × ☐ = ☐
9 kavhili	☐ + ☐ = ☐	2 × ☐ = ☐
6 kavhili	☐ + ☐ = ☐	2 × ☐ = ☐
8 kavhili	☐ + ☐ = ☐	2 × ☐ = ☐
10 kavhili	☐ + ☐ = ☐	2 × ☐ = ☐



Ndo wana phointhi dza 8. Khonani yanga a wana dza 8 kavhili. Khonani yanga u na phointhi nngana?

Teacher:

Sign:

Date:

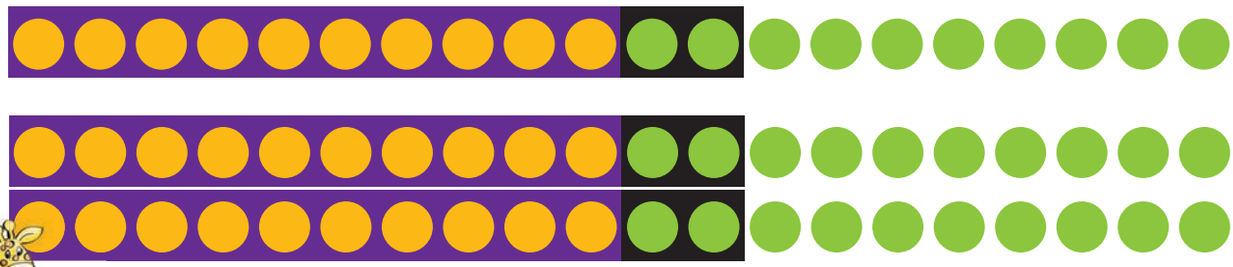
11 12 13 14 15 16 17 18 19 20

48

Deithi:

Nyingakavhili hafhu

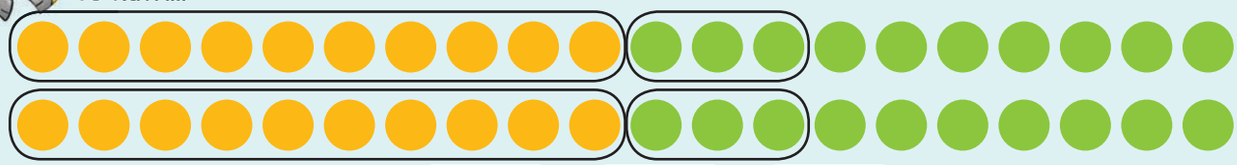
12 kavhili



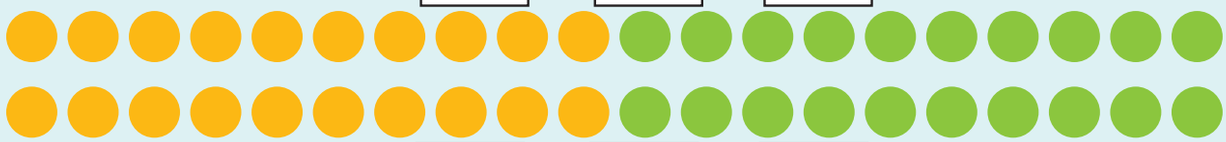


Shumisani vhulungu kha u inga kavhili nomboro. Ro ni itela ya u thoma.

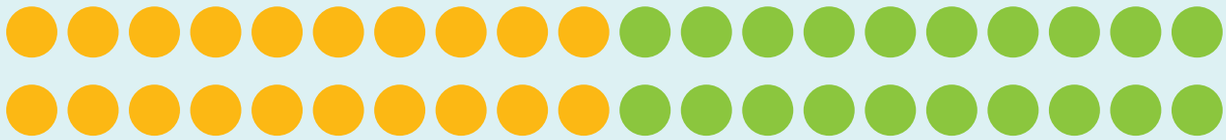
13 kavhili



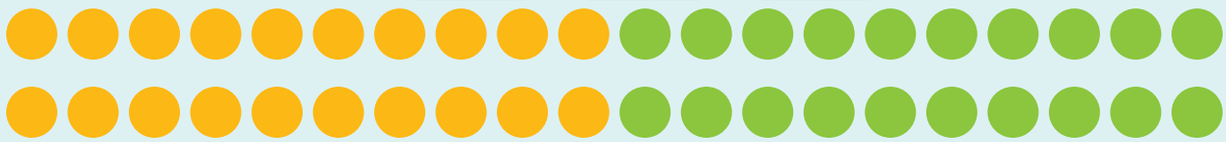
15 kavhili ☐ + ☐ = ☐



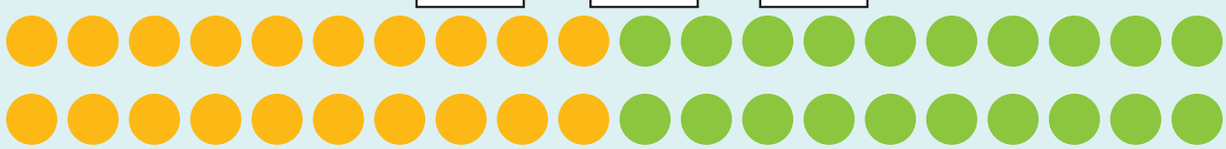
14 kavhili ☐ + ☐ = ☐



11 kavhili ☐ + ☐ = ☐



16 kavhili ☐ + ☐ = ☐

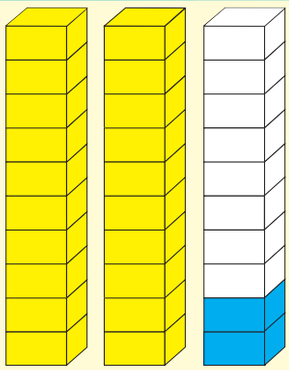


☐ + ☐ = ☐





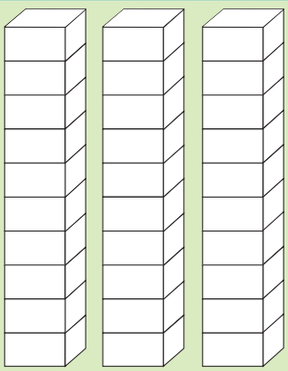
Ingani kavhili nomboro. Khaḽarani zwibuḽoko zwa fumi zwa beisi ni tshi sumbedza phindulo yaṋu.



11 kavhili

11 + 11 = ☐

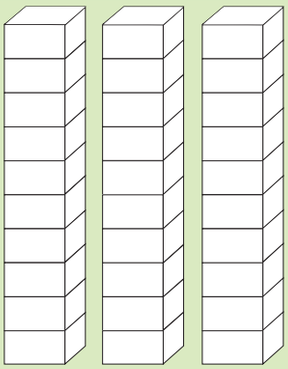
2 × 11 = ☐



13 kavhili

☐ + ☐ = ☐

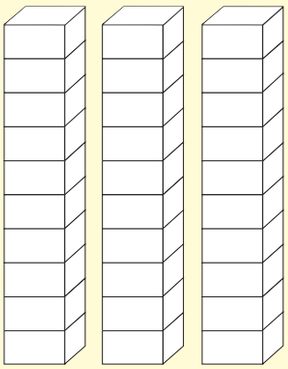
2 × ☐ = ☐



14 kavhili

☐ + ☐ = ☐

2 × ☐ = ☐



15 kavhili

☐ + ☐ = ☐

2 × ☐ = ☐



Ingani kavhili zwi tevhelaho.

11 kavhili	☐ + ☐ = ☐	2 × ☐ = ☐
13 kavhili	☐ + ☐ = ☐	2 × ☐ = ☐
16 kavhili	☐ + ☐ = ☐	2 × ☐ = ☐
17 kavhili	☐ + ☐ = ☐	2 × ☐ = ☐
18 kavhili	☐ + ☐ = ☐	2 × ☐ = ☐



Ndo kona u ṅwala maipfi a 14 zwavhuḓi kha mutambo wa mupeleṱo. We a wina a kona a no fhira anga kavhili. We a wina o kona mangana?

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

49

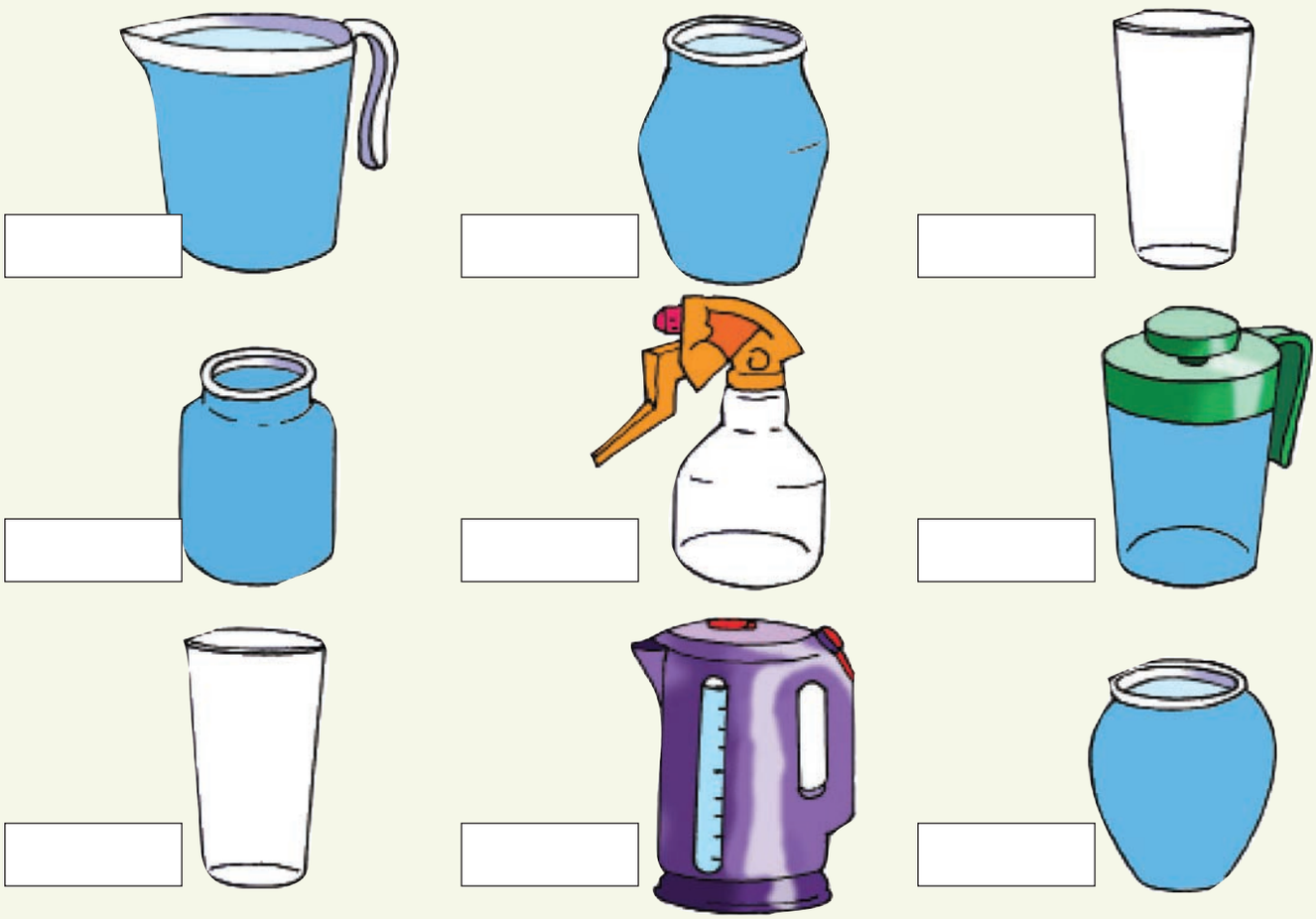
Deithi:

Zwifaredzi na khaphasithi

1 Ambani nga zwifaredzi zwi re kha desike.



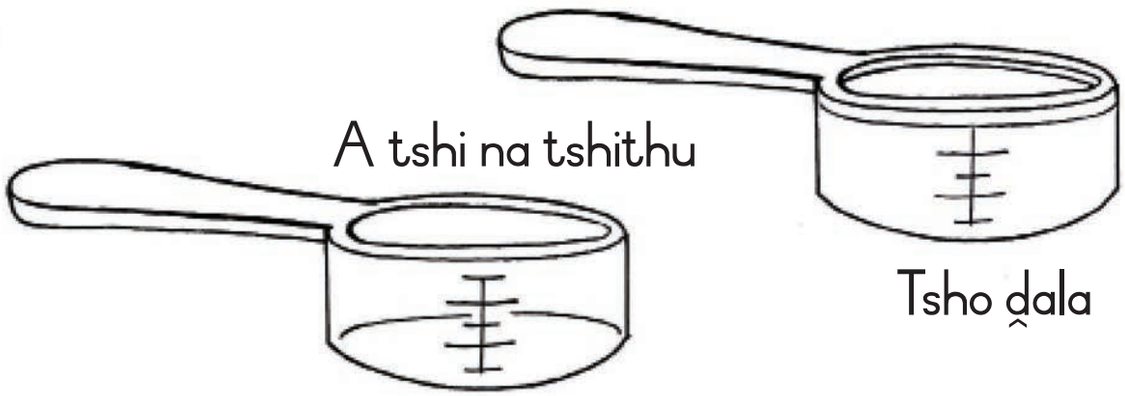
2 Bulani uri tshifaredzi tsho ḓala kana a tshi na tshithu.



1 2 3 4 5 6 7 8 9 10



Khaḽarani ni tshi sumbedza nzulele ya zwifaredzi.



Olani zwifaredzi zwaṉu inwi muṉe ni khaḽare zwi re ngomu hazwo.

A tshi na tshithu	Tsho ḓala
A tshi na tshithu	Tsho ḓala

Teacher:
Sign:
Date:

50



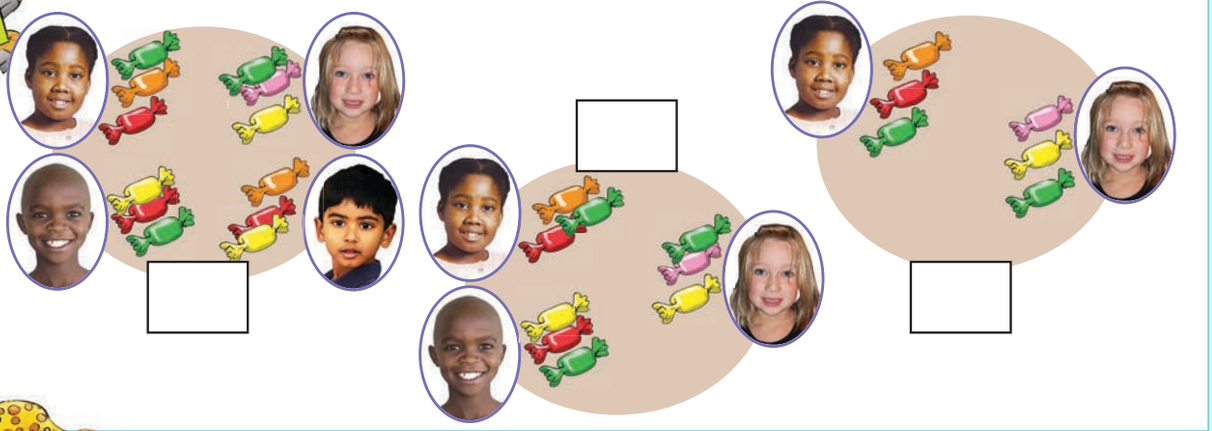
Deithi:

.....

Muandiso: × 3



Ndi maḽegere mangana a re kha ṱafula iṅwe na iṅwe?





Fhedzisani zwi tevhelaho:

zwigwada zwa 2 zwa 3	3 + 3 =	2 × 3 = ☐
zwigwada zwa 5 zwa 3	3 + 3 + 3 + 3 + 3 =	5 × 3 = ☐
zwigwada zwa 4 zwa 3	3 + 3 + 3 + 3 =	4 × 3 = ☐
zwigwada zwa 6 zwa 3	3 + 3 + 3 + 3 + 3 + 3 =	6 × 3 = ☐
zwigwada zwa 7 zwa 3	3 + 3 + 3 + 3 + 3 + 3 + 3 =	7 × 3 = ☐



Itani nyolo ya zwi tevhelaho.

zwigwada zwa 3 zwa 3

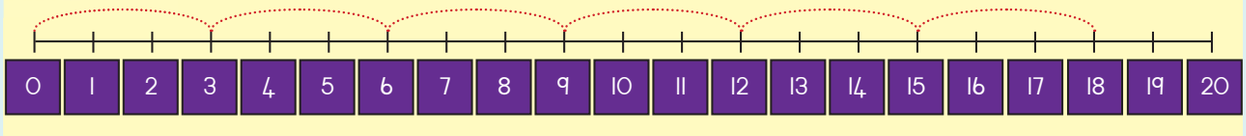
zwigwada zwa 4 zwa 3

zwigwada zwa 5 zwa 3





Itani nyolo ya zwi tevhelaho.



3, 6, 9, 12, ___ , ___

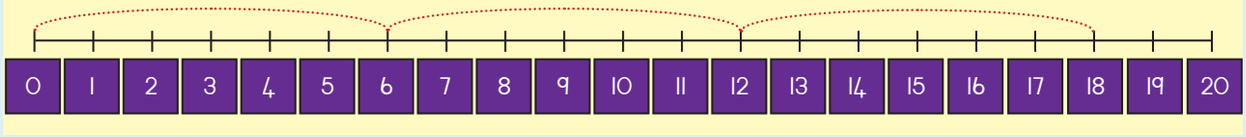
3 + 3 + 3 + 3 + 3 + 3= ☐

zwigwada zwa 6 zwa ☐ = ☐

6 × 3 = ☐

Nyolo





6, ___ , ___

6 + ☐ + ☐ = ☐

zwigwada zwa 3 zwa ☐ = ☐

3 × ☐ = ☐

Nyolo



Bodo ya u bika i na milenzhe miraru. Ndi milenzhe mingana ine bodo dza u bika dza 7 dza vha nayo?

☐





3 6 9 12 15 18

21 24 27 30 33



Teacher:

Sign:

Date:

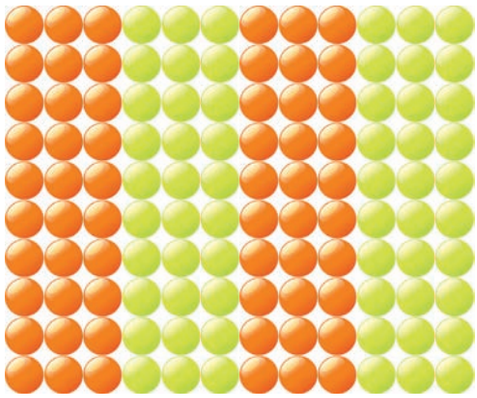
11 12 13 14 15 16 17 18 19 20

51

Deithi:

Phatheni dza nomboro: Nga tharu





Olani kana ni nambatedze zwifanyiso zwa zwithu zwine zwa ḓa nga zwiraru.

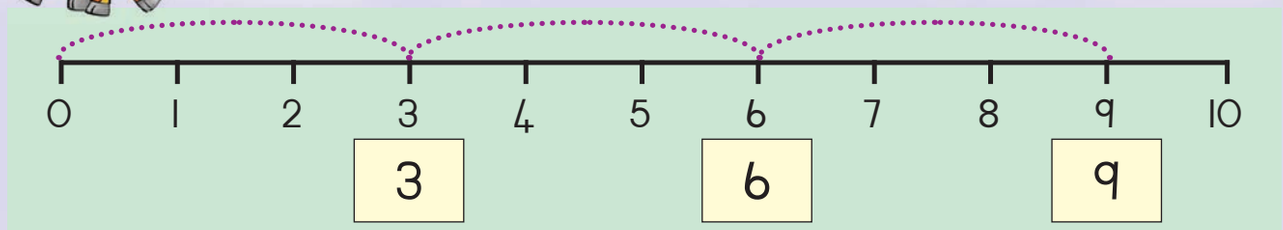
Ro ni thomela phetheni. I fhedziseni.

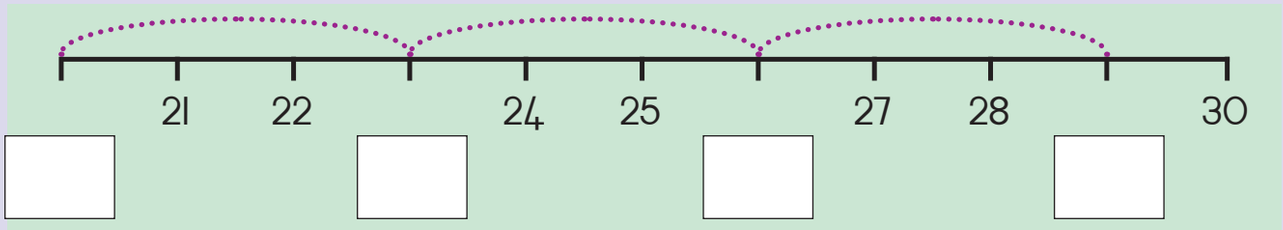
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

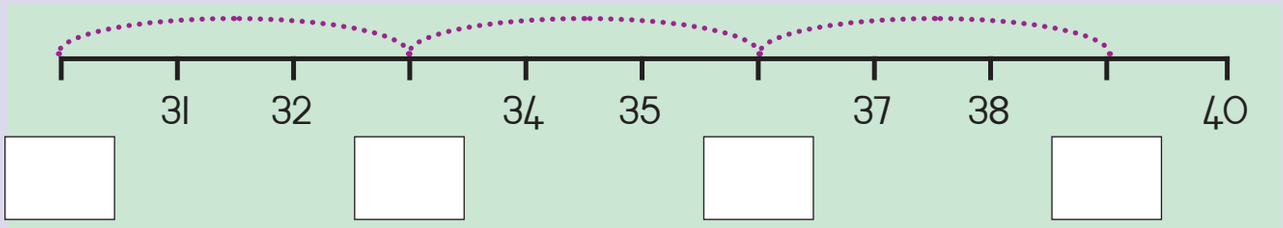
1 2 3 4 5 6 7 8 9 10

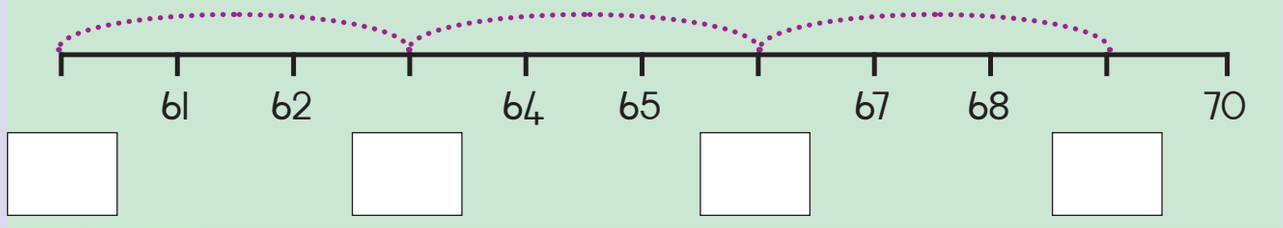


Shumisani mitalombalo kha u ṅwala phatheni.











Fhedzisani zwi tevhelaho.

3, 6, 9, __ , __ , __	1, 4, 7, __ , __ , __	99, 96, 93, __ , __ , __
36, 39, 42, __ , __ , __	22, 25, 28, __ , __ , __	66, 63, 60, __ , __ , __
12, 15, 18, __ , __ , __	15, 12, 9, __ , __ , __	40, 37, 34, __ , __ , __



Phiriisikhuḽu hu na ṱhiraisigiri (baisigiri dza malinga mararu) dza 10.
Hu ḓo vha hu na malinga mangana a ṱhiraisigiri?

Teacher:
Sign:
Date:

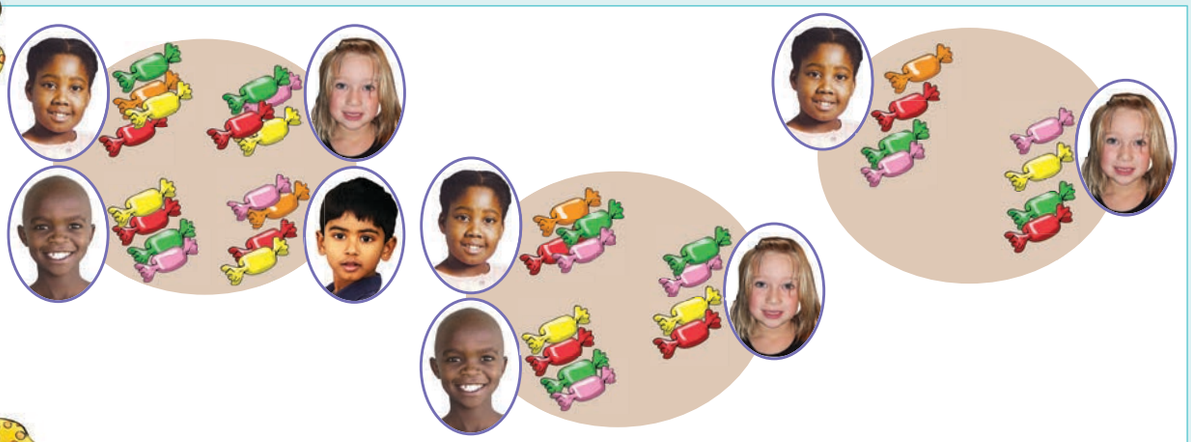
11 12 13 14 15 16 17 18 19 20



Deithi:

Muandiso: × 4

Hu na maḽegere mangana kha ṱafula iṅwe na iṅwe?



Fhedzisani zwi tevhelaho.

zwigwada zwa 3 zwa 4 | 4 + 4 + 4 = | 3 × 4 = ☐

zwigwada zwa 2 zwa 4 | 4 + 4 = | 2 × 4 = ☐

zwigwada zwa 4 zwa 4 | 4 + 4 + 4 + 4 = | 4 × 4 = ☐

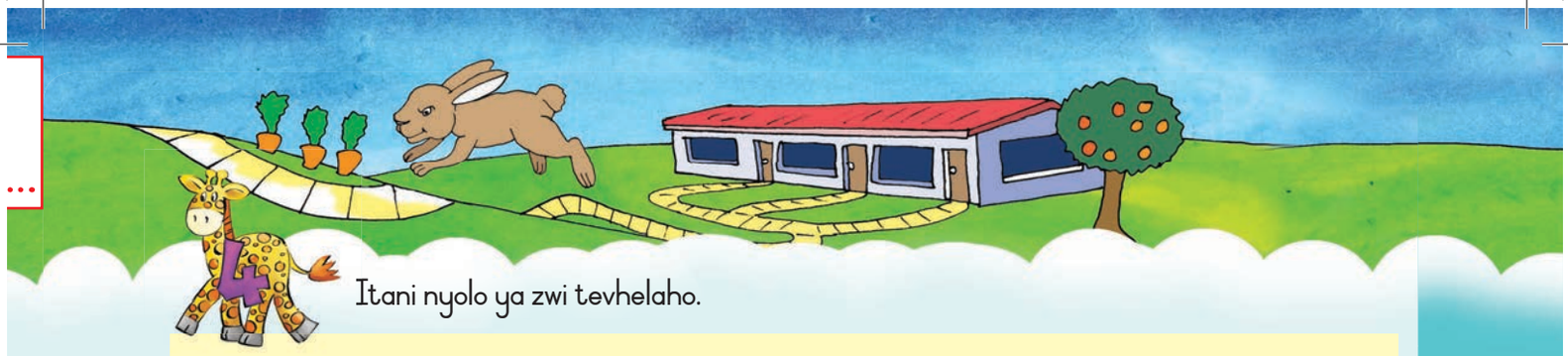
zwigwada zwa 6 zwa 4 | 4 + 4 + 4 + 4 + 4 + 4 = | 6 × 4 = ☐

zwigwada zwa 7 zwa 4 | 4 + 4 + 4 + 4 + 4 + 4 + 4 = | 7 × 4 = ☐

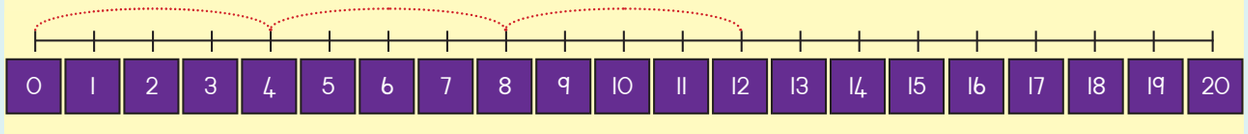
Itani nyolo ya zwi tevhelaho.

zwigwada zwa 3 zwa 4	zwigwada zwa 4 zwa 4	zwigwada zwa 5 zwa 4





Itani nyolo ya zwi tevhelaho.



4, 8, ___

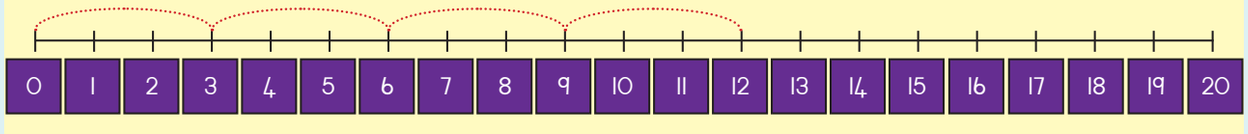
4 + 4 + 4 = ☐

zwigwada zwa 3 zwa 4 = ☐

3 × 4 = ☐

Nyolo





3, 6, 9, ___

3 + 3 + 3 + 3 = ☐

zwigwada zwa 4 zwa ☐ = ☐

4 × ☐ = ☐

Nyolo



Bere i na milenzhe ya 4.
Ndi milenzhe mingana ine bere dza 3 dza vha nayo? ☐



4 8 12 16 20 24
28 32 36 40

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

53

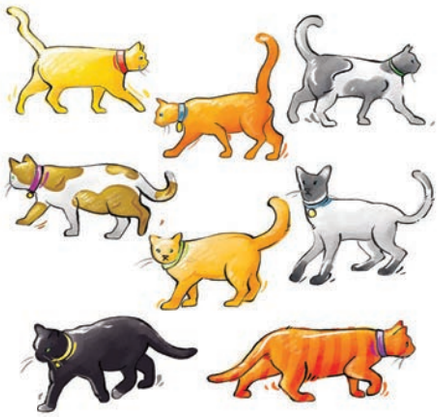


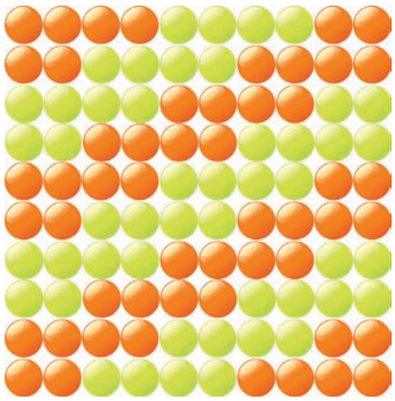
Deithi:

.....

Phatheni dza nomboro: Nga nn̂ann̂a

1 Kha ri vhale nga nn̂a.





2 Olani kana ni nambatedze zwithu zwi d̂aho nga zwin̂a.

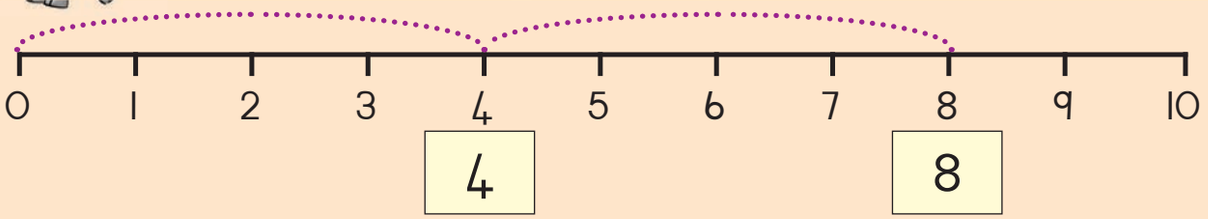
3 Ro ni thomela phetheni. I fhedziseni.

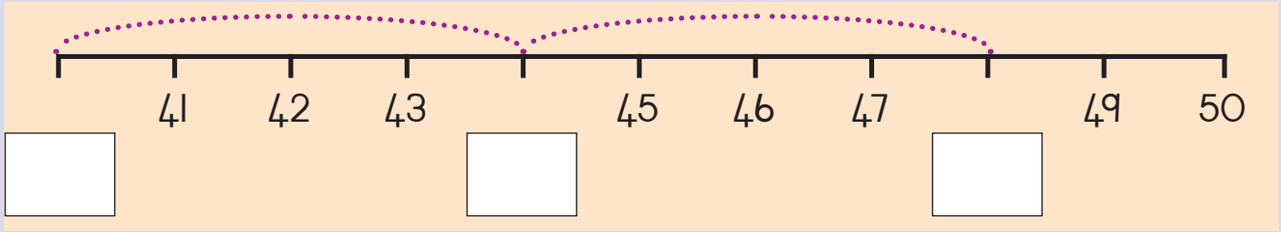
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

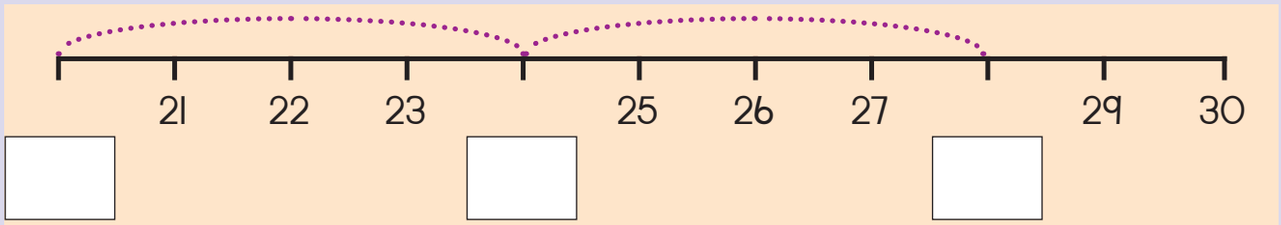


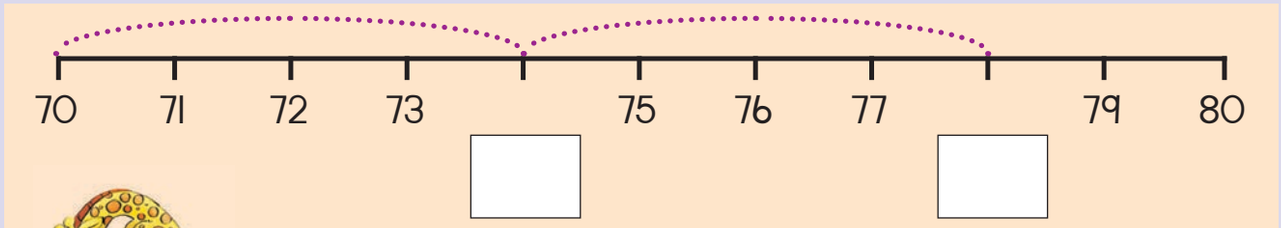


Shumisani mitalombalo kha u ṅwala phatheni.









Fhedzisani zwi tevhelaho.

4., 8, 12, __ , __ , __	1, 5, 9, __ , __ , __	48, 44., 40, __ , __ , __
28, 32, 36, __ , __ , __	42, 46, 50, __ , __ , __	60, 56, 52, __ , __ , __
12, 16, 20, __ , __ , __	20, 16, 12, __ , __ , __	70, 66, 62, __ , __ , __

Hu na phakhethe nṅa dza mabesikitsi.
Ndo rengisa phakhethe dza 9. Ndo rengisa mabesikitsi mangana?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Deithi:

.....

Zwiṱori zwa muandiso hafhu

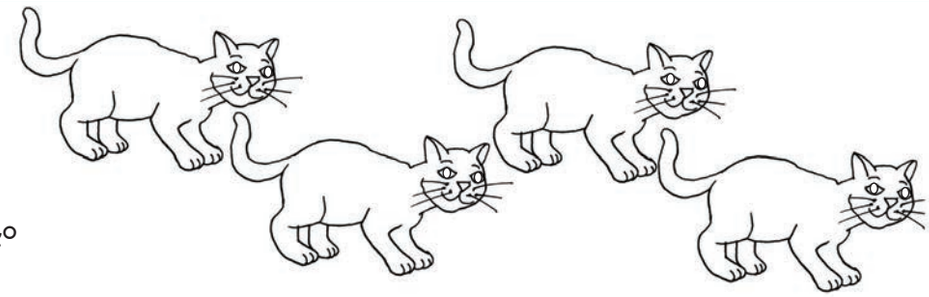


Diiteleni tshiṱori ni tshi shumisa maipfi a no nga maṱo, milenzhe, zwanḓa, ṋayo, zwipuka, vhathu. N̂walani nomb̂oro kha tshiṅwe na tshiṅwe.





Tshimange tshi na maṱo a 2. Ndi maṱo mangana ane zwimange zwa 4 zwa vha nao?

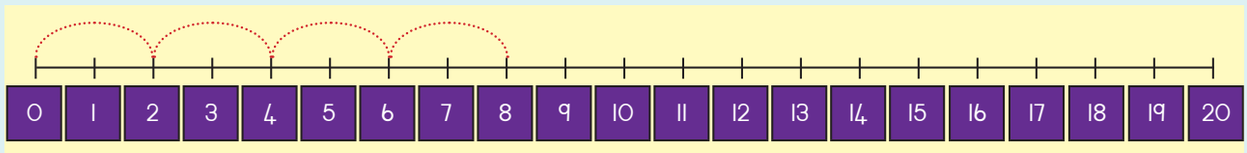


Khaḽarani maṱo a zwimange.

Sumbedzani nga zwivhaleli.



Sumbedzani kha mutalombalo.



□ + □ + □ + □ = □

□ × □ = □



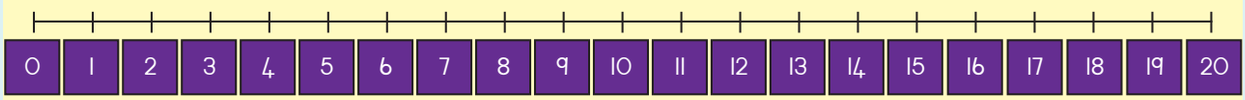
Baisigiri ya malinga mararu i na malinga 3.
Ndi malinga mangana ane baisigiri dza malinga mararu 5 dza vha nao?



Khaḽarani baisigiri ya malinga mararu.

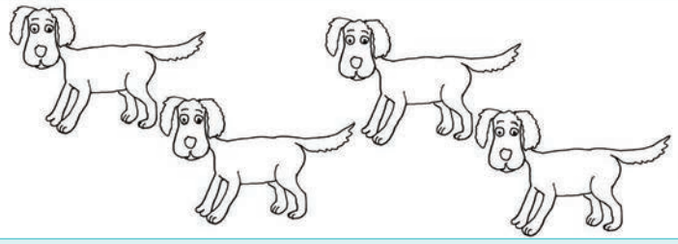
Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.



+ = × =

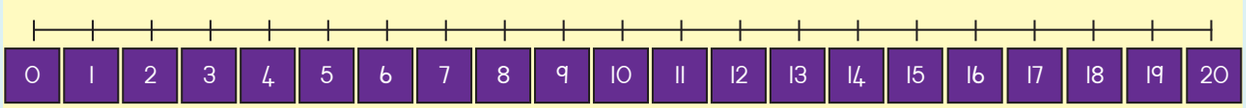
Mmbwa i na milenzhe 4. Ndi milenzhe mingana i ne mmbwa 4 dza vha nayo?



Khaḽarani milenzhe ya mmbwa.

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.



+ = × =

Teacher:
Sign:
Date:

55

Deithi:

Awara/Iri

1 Ambani nga watshi.



Luṋanga lupfufhi lu ri sumbedza awara.
Afha lu khou ri sumbedza awara dza 7.

Luṋanga lwa watshi lu a monamona.
Lwa monamona, lwa monamona.
Luṋanga lwa watshi lu a monamona.
Lwa monamona, lwa monamona. Lu tshi ri vhudza tshifhinga.

2 Luṋanga lupfufhi lu ri sumbedza mini?



awara ya ☐



awara dza ☐



awara dza ☐



awara dza ☐



awara dza ☐



awara dza ☐



awara dza ☐



awara dza ☐



awara dza ☐



awara dza ☐



awara dza ☐



awara dza ☐

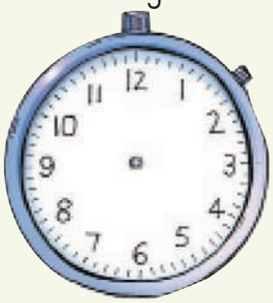


Olani luṋanga lupfupfi.

awara dza 4



awara ya 1



awara dza 11



awara dza 7



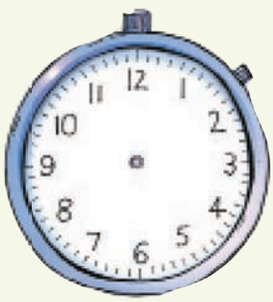
awara dza 9



awara dza 10



awara dza 2



awara dza 5



awara dza 3



awara dza 6



awara dza 8



awara dza 12



Ndi tshifhio tshi no dzhia awara yoṱhe u tshi tshi ita? Khaḽarani phindulo i re yone.



U ita tshuṅwahaya



U eḓela



U ṱamba maṇo

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

56

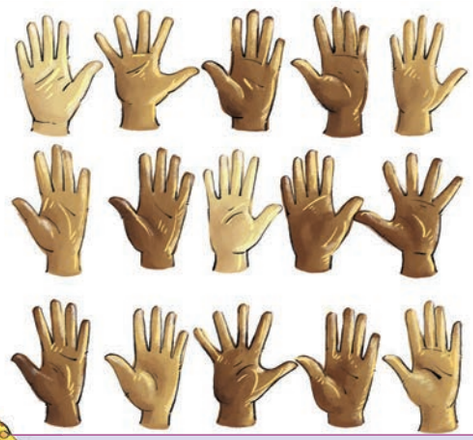


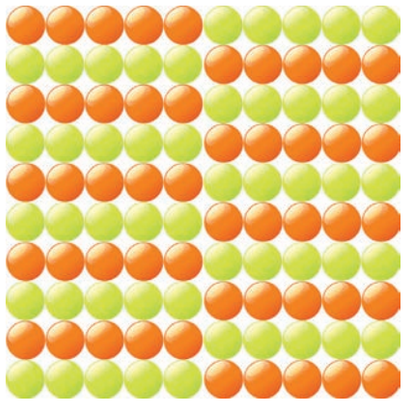
Deithi:

.....

Phetheni dza nomboro: Nga ṱhanu

1 Kha ri vhale nga ṱhanu.





2 Olani kana ni nambatedze zwithu zwi ḓaho nga zwiṱanu.

3 Ro ni thomela phetheni. I fhedziseni.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100





Shumisani mitalombalo kha u ṅwala phetheni.

0 1 2 3 4 5 6 7 8 9 10

0 5 10

40 41 42 43 44 45 46 47 48 49 50

21 22 23 24 25 26 27 28 29 30 31

70 71 72 73 74 75 76 77 78 79 80

Fhedzisani zwi tevhelaho.

5, 10, 15, __ , __ , __	1, 6, 11, __ , __ , __	50, 45, 40, __ , __ , __
20, 25, 30, __ , __ , __	23, 28, 33, __ , __ , __	60, 55, 50, __ , __ , __
30, 35, 40, __ , __ , __	25, 20, 15, __ , __ , __	54, 49, 44, __ , __ , __

5 10 15 20 25 30 35 40 45 50

Teacher:

Sign:

Date:

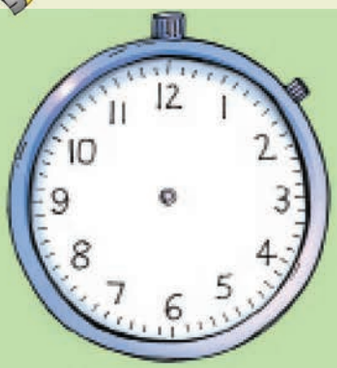
11 12 13 14 15 16 17 18 19 20

57a

Deithi:

Miminete

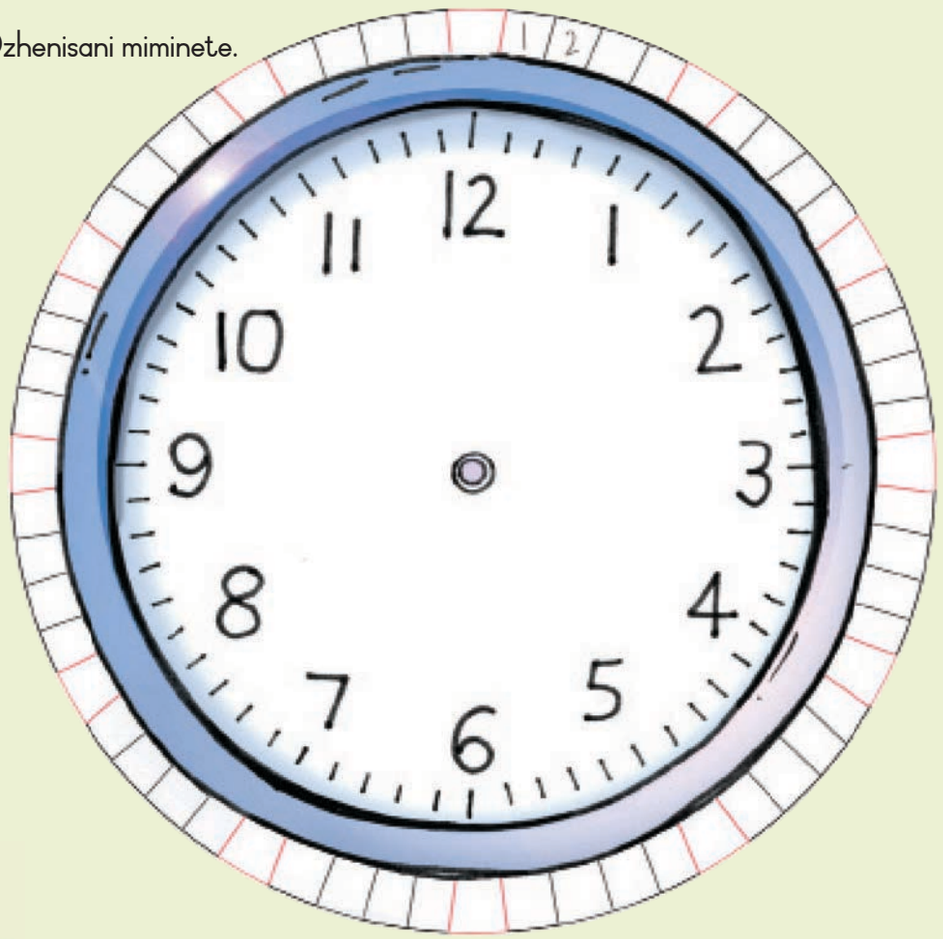
1 Ri shumisa mitalo mipfufhi mitswu i re kha watshi nga phanḓa kha u ita mini?





Elekanyani nga zwithu zwoṱhe zwine na nga ita nga minete muthihi.

2 Dzhenisani miminete.



3 Ṅwalani nomboro kha zwikwea zwitswuku hafha.

1 2 3 4 5 6 7 8 9 10



Olani zwithu zwine na nga ita nga ...

Minete wa 1	Miminete ya 5
Miminete ya 30	Miminete ya 60

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

57b

Deithi:

Miminete hafhu

1 Ambani nga watshi.



Luṋanga lulapfu lu ri sumbedza miminete.
Afha lu khou ri sumbedza miminete ya 10.

Luṋanga lwa watshi lu a monamona. Lwa monamona, lwa monamona.
Luṋanga lwa watshi lu a monamona. Lwa monamona, lwa monamona.
Lu tshi ri vhudza tshifhinga.

2 Luṋanga lulapfu lu ri sumbedza mini?



miminete ya ☐



miminete ya ☐



miminete ya ☐



miminete ya ☐

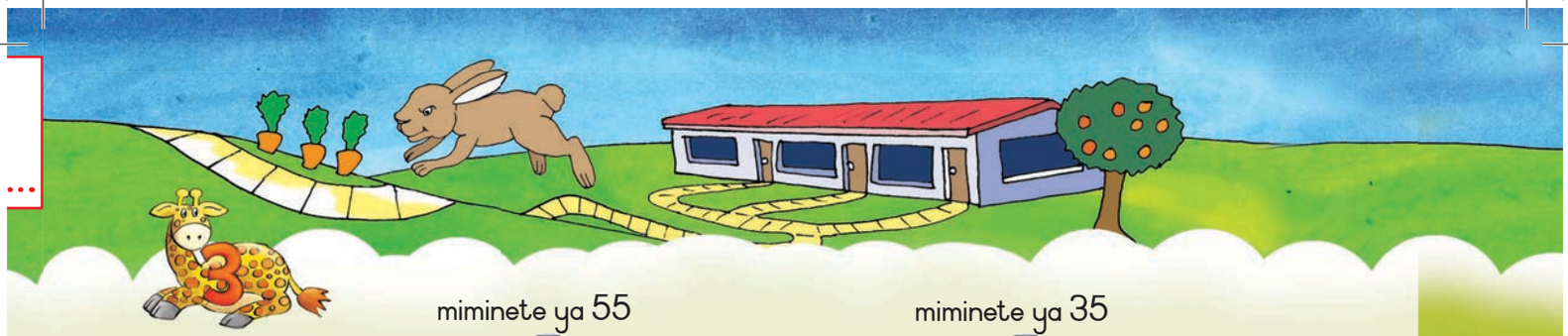


miminete ya ☐



miminete ya ☐





Olani luṋanga lulapfu.

miminete ya 55



miminete ya 35



miminete ya 60



miminete ya 10



miminete ya 45



miminete ya 12



Ndi tshifhio tshine tsha nga dzhia minete u tshi ita? Khaḽarani phindulo i re yone.



U fhufha



U tamba



U ḽa

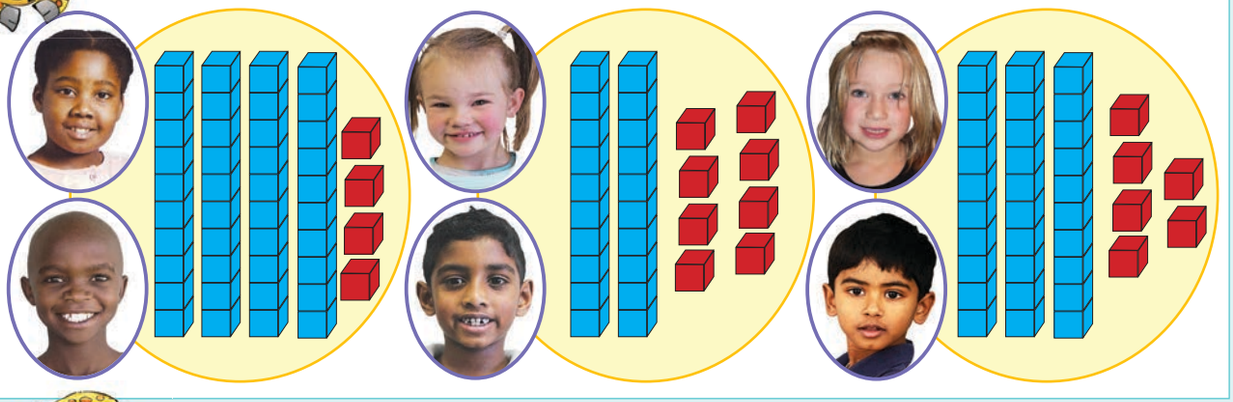
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

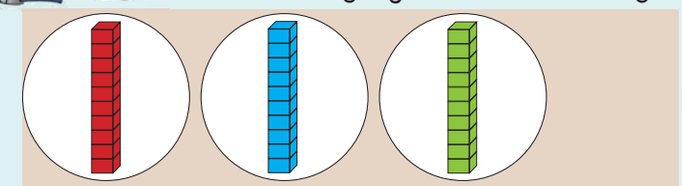
Deithi:

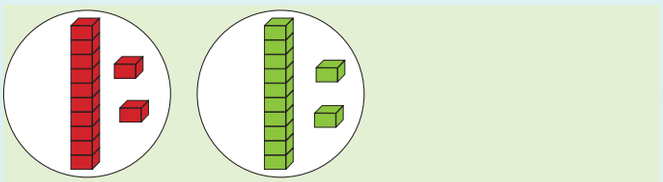
U vhea nga zwigwada na u kovhana

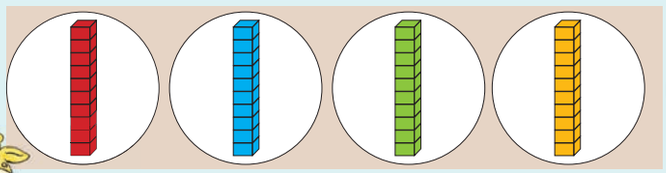
1 Hu na zwibuḽoko zwingana tshitendeledzeni tshiṅwe na tshiṅwe? Zwi kovhelani vhana nga nḓila i no lingana.



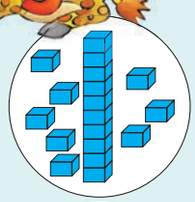
2 Ndi zwibuḽoko zwingana zwi re kha tshitengeledzi tshiṅwe na tshiṅwe? Ṅwalani t̂hanganyelo i re kha tshitengeledzi tsha lutombo.

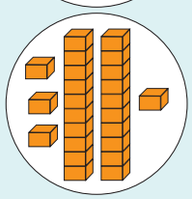






3 Kovhani zwibuḽoko kha zwitendeledzi nga nḓila i no lingana.





mukovhelo =

mukovhelo =



Olani zwi tevhelaho. Ṅwalani ṱhanganyelo ya tshiṅwe na tshiṅwe.

Zwigwada 3 zwa 2

+ Mbalo ya u ṱanganyisa:

× Mbalo ya u andisa:

Zwigwada 2 zwa 14

+ Mbalo ya u ṱanganyisa:

× Mbalo ya u andisa:

Kovhani zwivhaleli zwa 12 nga 4

− Mbalo ya u ṱusa:

÷ Mbalo ya mukovhelo (mukovho):

Kovhani zwivhaleli zwa 36 nga 3

− Mbalo ya u ṱusa:

÷ Mbalo ya mukovhelo (mukovho):

Vhalelani.

Zwigwada zwa 2 zwa 7 _____ zwigwada zwa 3 zwa 8 _____

Zwigwada zwa 4 zwa 5 _____ zwigwada zwa 2 zwa 15 _____

Kovhani 18 nga 2 _____ Kovhani 24 nga 3 _____

Kovhani 35 nga 5 _____ Kovhani 50 nga 10 _____

Ho vha hu na zwigwada zwa 6 zwa 5 phathini yanga.
Ho vha hu na vhana vhangana phathini yanga?

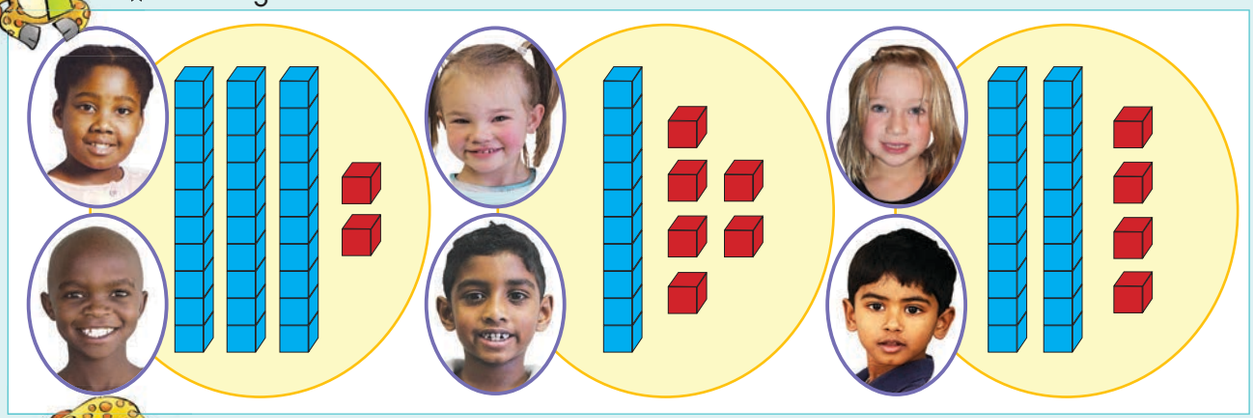
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

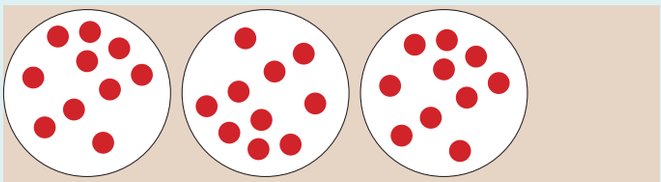
Deithi:

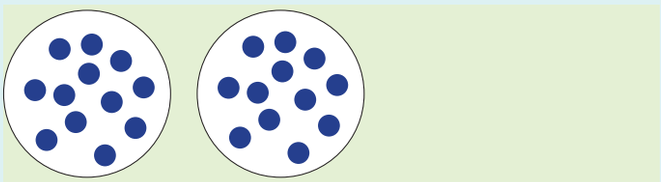
U vhea nga zwigwada na u kovhekana haf hu

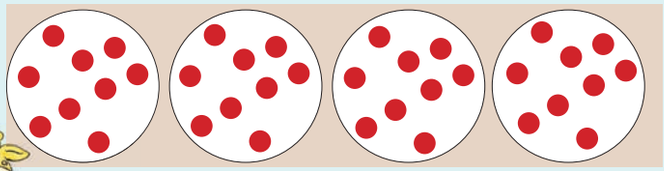
1 Hu na zwibuḽoko zwingana tshitendeledzeni tshiṅwe na tshiṅwe? Zwi kovhelani vhana nga nḓila i no lingana.



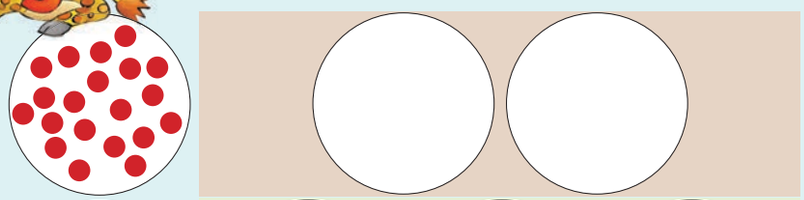
2 Ndi zwivhaleli zwingana zwi re kha tshitendeledzi tshiṅwe na tshiṅwe? Ṅwalani ṱhanganyelo kha tshitendeledzi tsha lutombo.

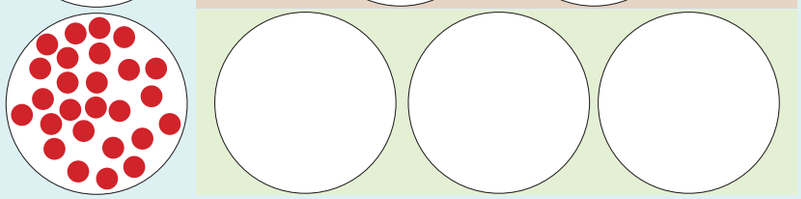






3 Kovhani zwivhaleli kha zwitendeledzi.







Olani zwi tevhelaho. Ṅwalani ṱhanganyelo ya tshiṅwe na tshiṅwe.

Zwigwada 3 zwa 12

+ Mbalo ya u ṱanganyisa:

× Mbalo ya u andisa:

Zwigwada 5 zwa 10

+ Mbalo ya u ṱanganyisa:

× Mbalo ya u andisa:

Kovhani zwivhaleli zwa 24 nga 4

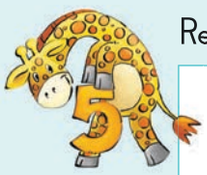
− Mbalo ya u ṱusa:

÷ Mbalo ya mukovhelo (mukovho):

Kovhani zwivhaleli zwa 25 nga 5

− Mbalo ya u ṱusa:

÷ Mbalo ya mukovhelo (mukovho):



Rekanyani.

Zwigwada 2 zwa 11 _____ zwigwada 3 zwa 10 _____

Zwigwada 4 zwa 4 _____ zwigwada 2 zwa 25 _____

Kovhani 20 nga 2 _____ Kovhani 27 nga 3 _____

Kovhani 50 nga 5 _____ Kovhani 28 nga 2 _____



u inga kavhili

Teacher:

Sign:

Date:

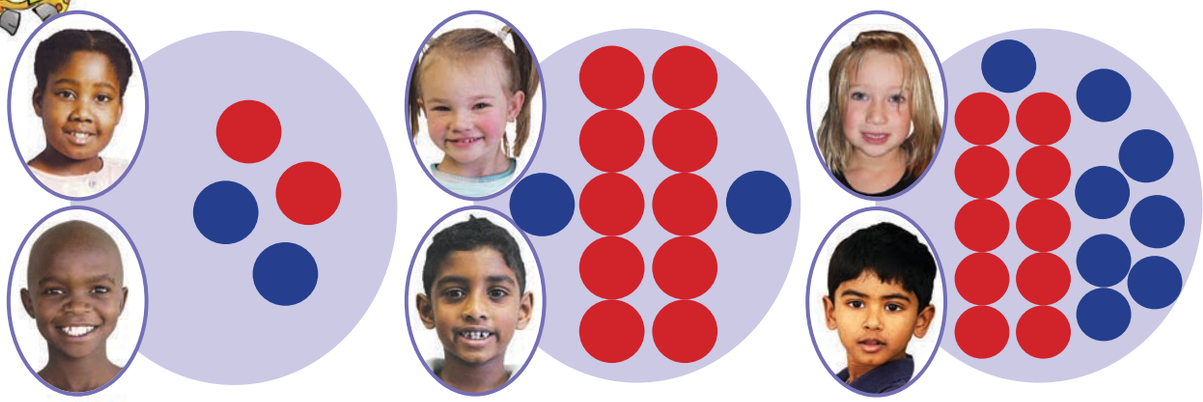
11 12 13 14 15 16 17 18 19 20

60

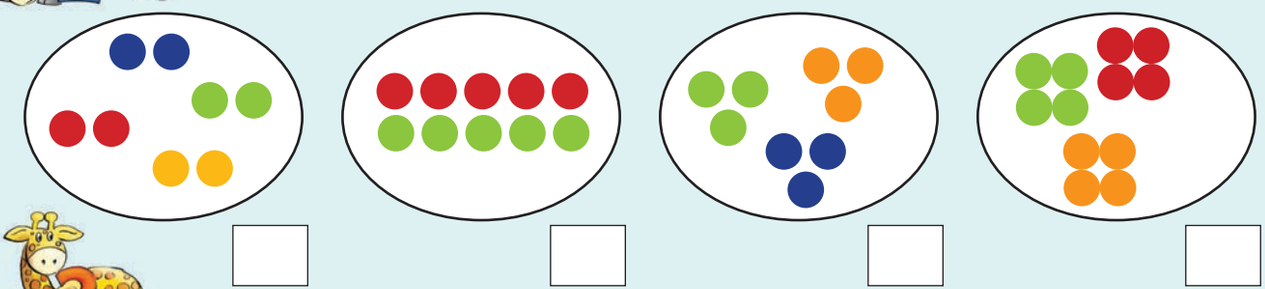
Deithi:

U vhea nga zwigwada na u kovhekana haf huhaf hu

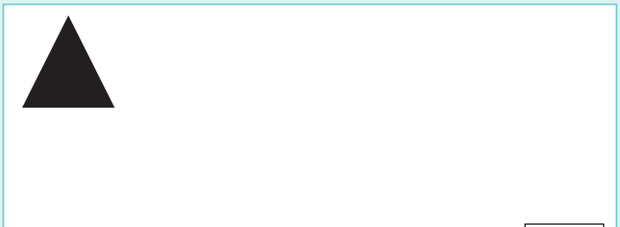
1 Hu na zwibuḽoko zwingana tshitendeledzeni tshiṅwe na tshiṅwe? Zwi kovhelani vhana nga ndila i no lingana.

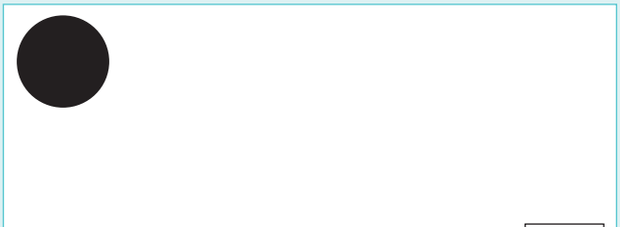


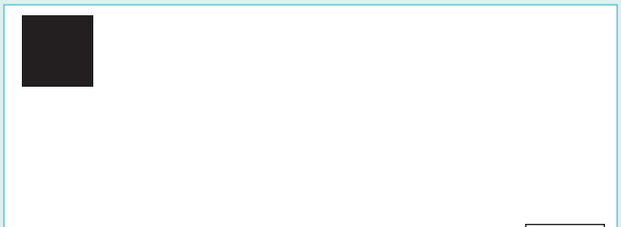
2 Ndi zwivhaleli zwingana zwi re kha tshitengeledzi tshiṅwe na tshiṅwe?

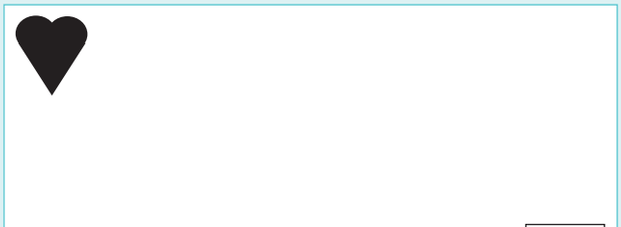


3 Gerani zwivhumbeo zwi tshi bva kha Tshigeriwa tsha 4 ni tshi nambatedze kha tshibuḽoko tshone.











4 Shumisani zwivhumbeo zwi no bva kha Tshigeriwa tsha 4. (Khethekanyo ya Bammbiri ḽa u shumela ḽa 60)

thiraiengele





zwikwea









5 Kovhelani vhana mitshelo. U oleni.





maswiri





maapula









6 Mulalo na Belinda vha kovhana maḽegere a 12 a tshi lingana. Muṅwe na muṅwe o wana maḽegere mangana?

Teacher:

Sign:

Date:

61

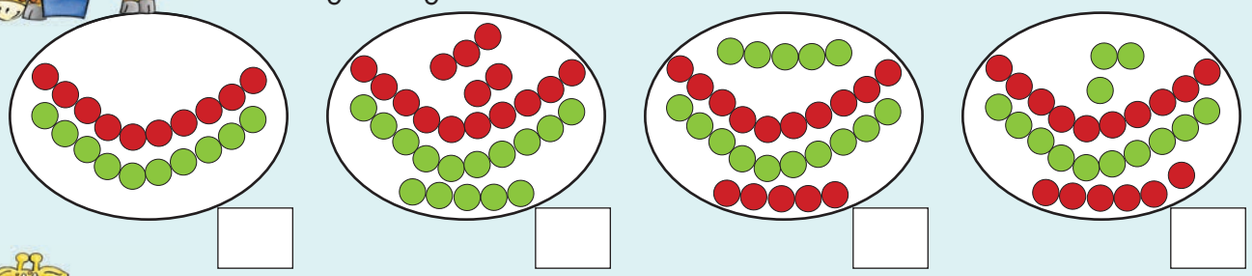
Deithi:

U vhea nga zwigwada na u kovhana

Ndi vhulungu vhungana he na vhala kha tshitendeledzi tshiṅwe na tshiṅwe.
Vhu kovheni kha vhana.



Ndi vhulungu vhungana he na vhala kha tshitendeledzi tshiṅwe na tshiṅwe?



Gerani vhulungu u bva kha Tshigeṅwa 4 (Khethekanyo ya Bammbiri ḽa u shumela ḽa 61) ni vhu nambatedze haf'ha. Vhalani malungu.

Vhulungu vhutswuku	Vhulungu ha lutombo
Vhulungu ha ṱaḓa	Vhulungu vhudala

1 2 3 4 5 6 7 8 9 10

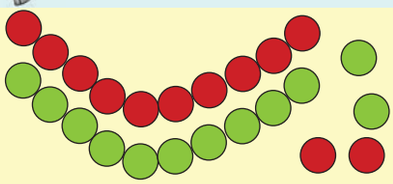
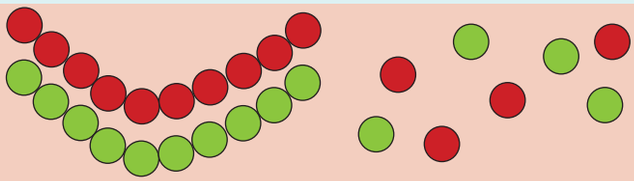


4 Olani tshivhalo tsha vhulungu tshilinganaho ṅwana muṅwe na muṅwe.






5 Kovhelani vhana vhulungu. Vhu oleni.







6 Busi na Zaheda vha kovhekana penisela dza 32 dza mivhala vha tshi lingana. Muṅwe na muṅwe o wana penisela nngana?

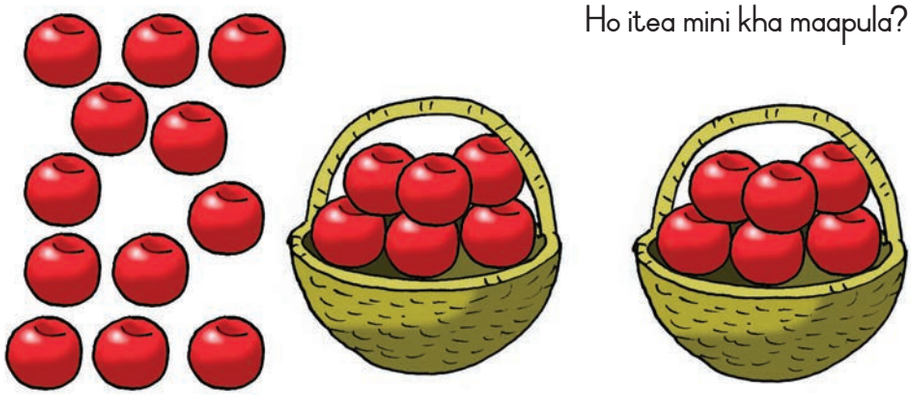
Teacher:
Sign:
Date:



Deithi:

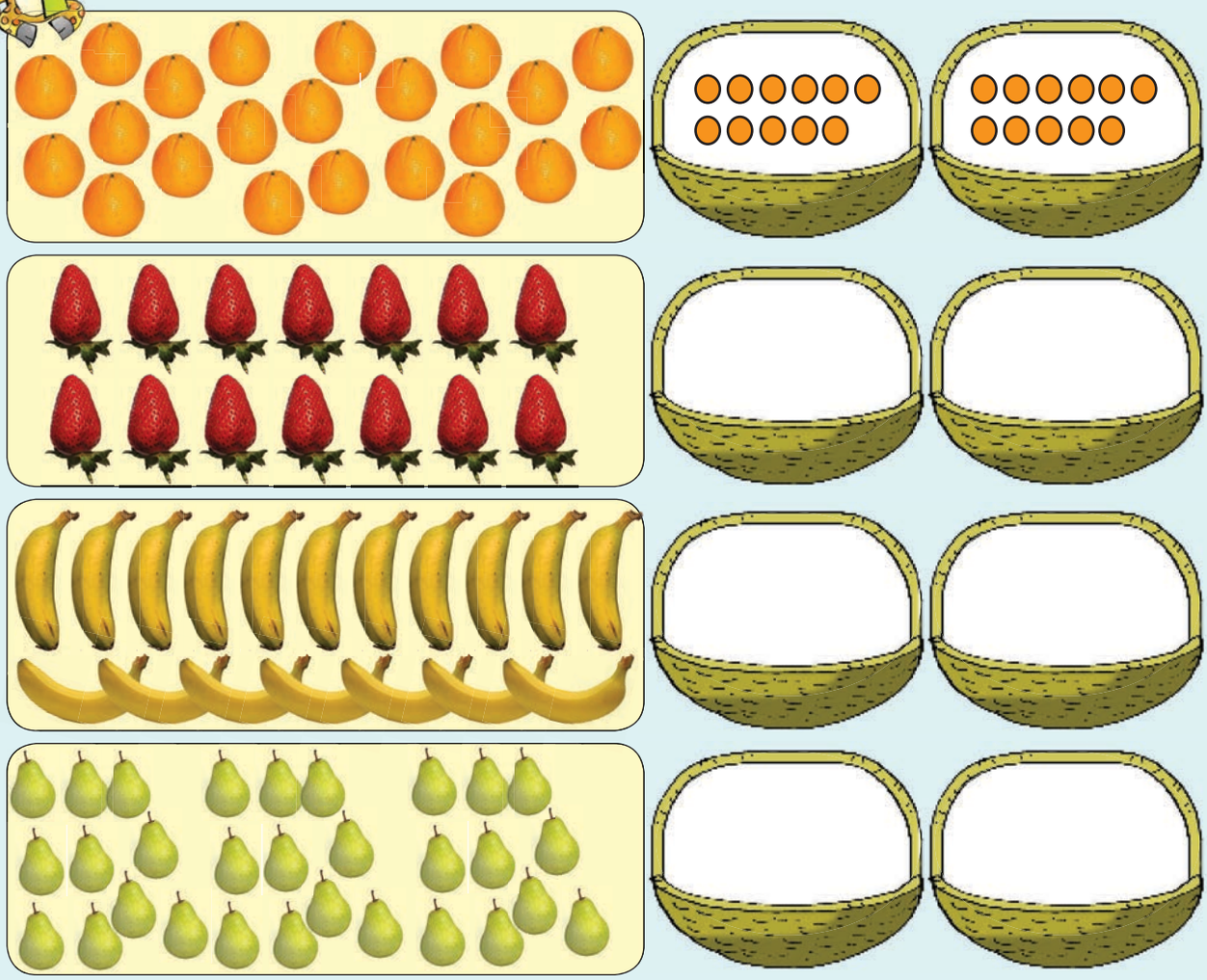
Dzihafu: 1 – 20

Ho itea mini kha maapula?





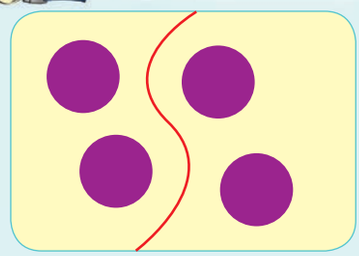
Kovhani mitshelo i re kha tsha monde kha manngi i re kha tsha ula. I oleni.



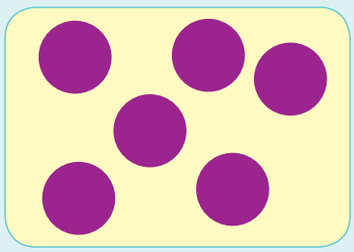




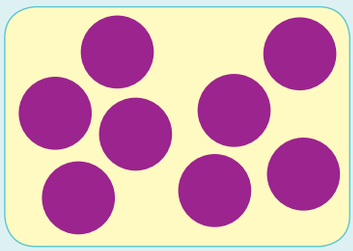
2 Olani mutalo ni tshi sumbedza hafu.



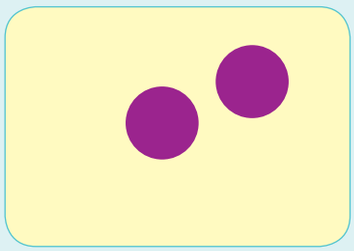
Hafu ya 4 ndi 2



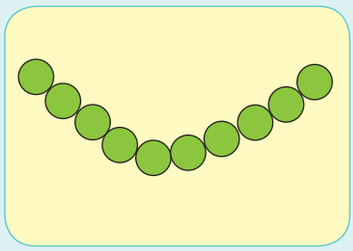
Hafu ya 6 ndi



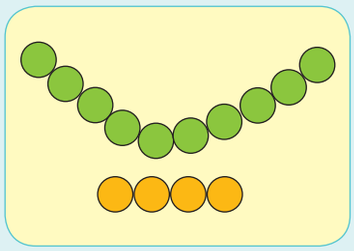
Hafu ya 8 ndi



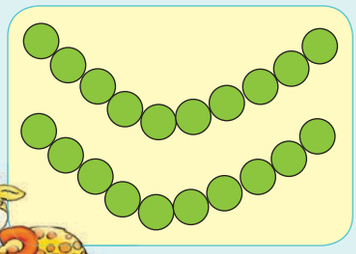
Hafu ya 2 ndi



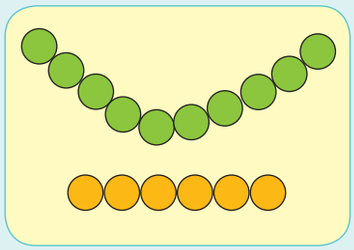
Hafu ya 10 ndi



Hafu ya 14 ndi

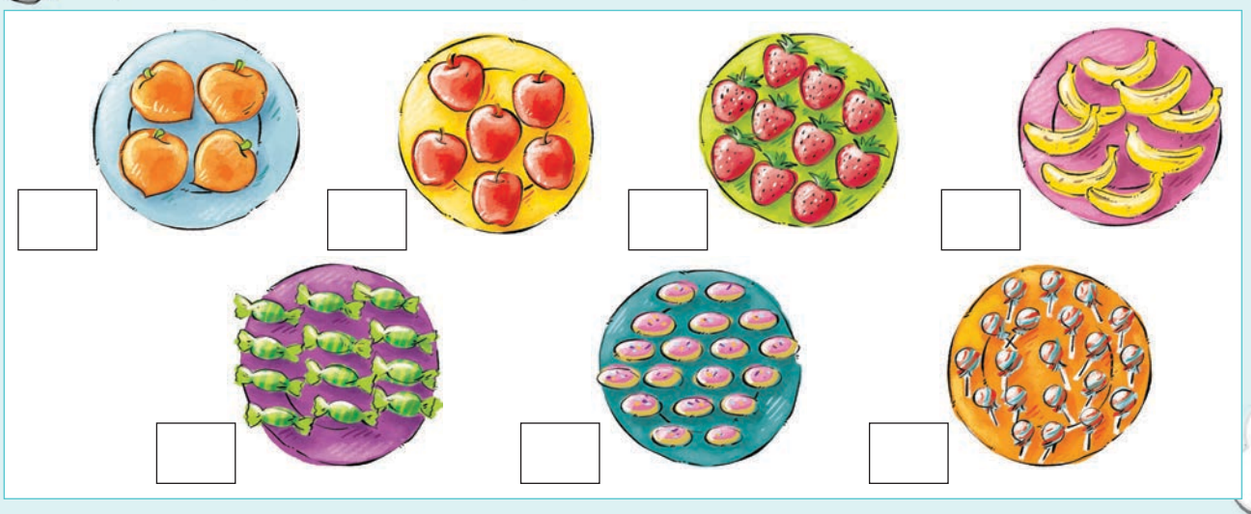


Hafu ya 20 ndi



Hafu ya 16 ndi

3 Hafu ya phuleithi iṅwe na iṅwe ya zwiḽiwa ndi mini?



Teacher:

Sign:

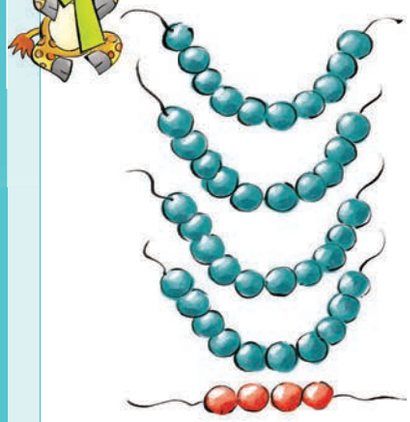
Date:

11 12 13 14 15 16 17 18 19 20

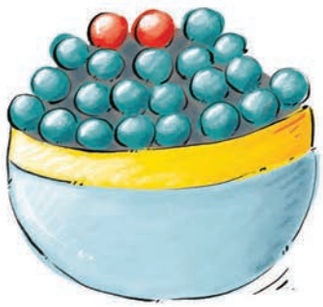
63

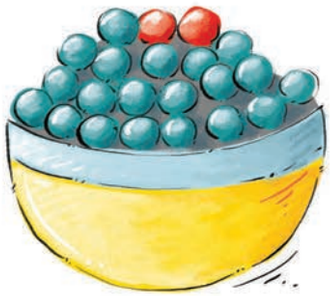
Deithi:

U kovhana 20 – 50



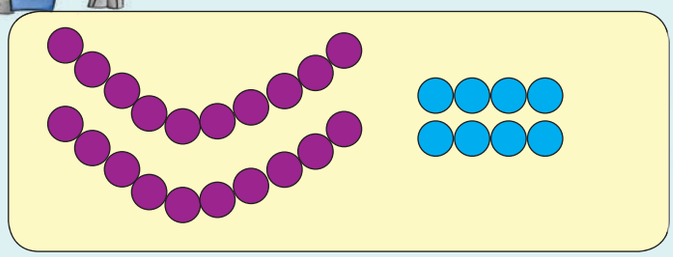
Ho itea mini kha vhulungu?

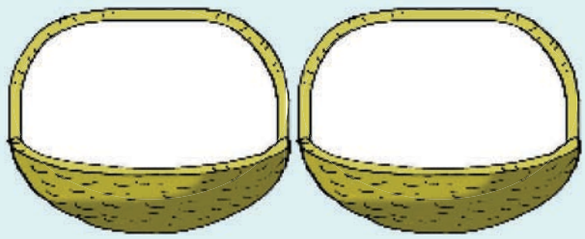


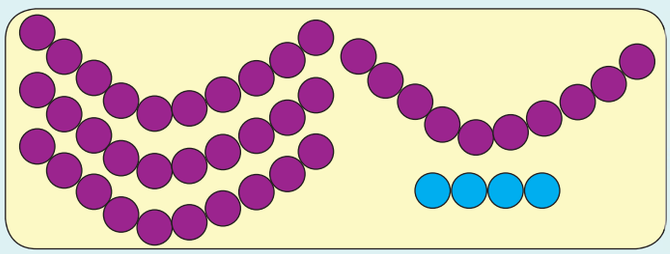


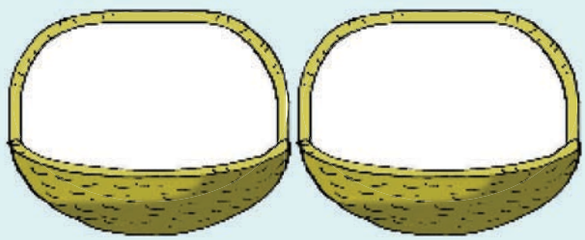


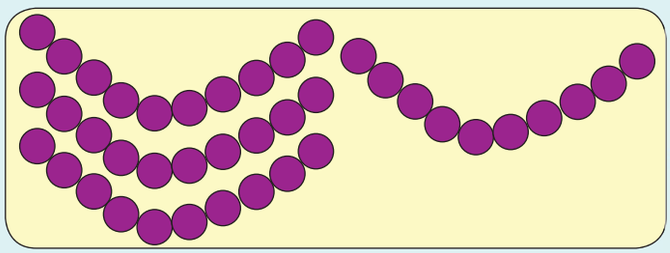
Kovhani vhulungu vhu re kha tsha monde kha manngi i re kha tsha ula. Vhu oleni.

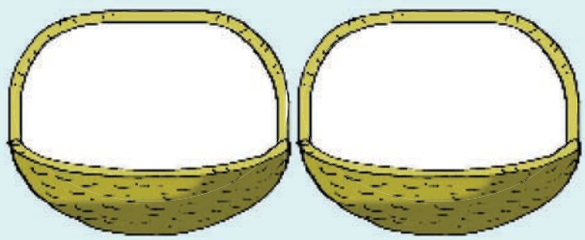


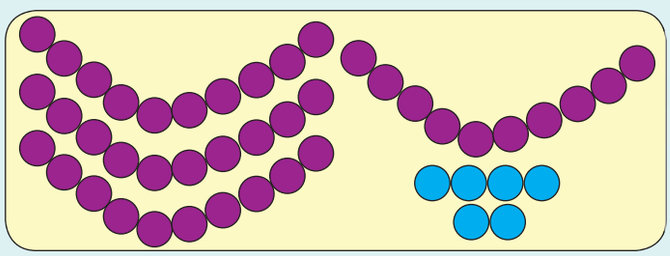


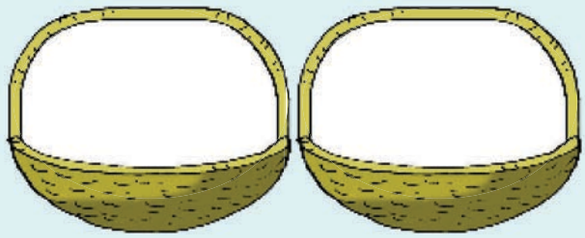




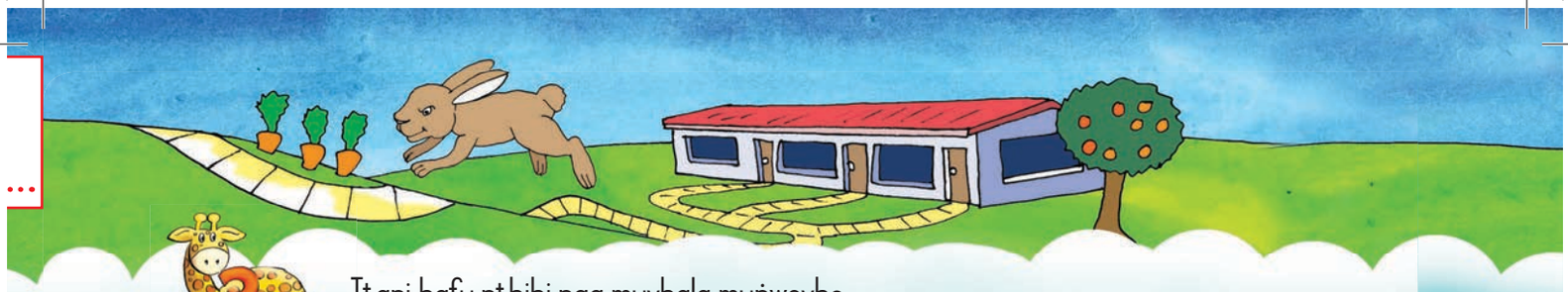




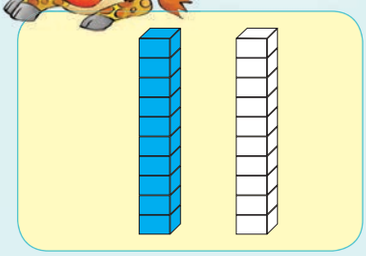




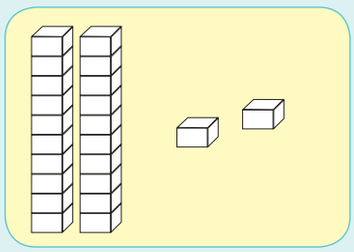




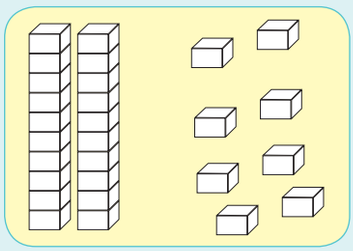
Itani hafu nthihi nga muvhala muṅwevho.



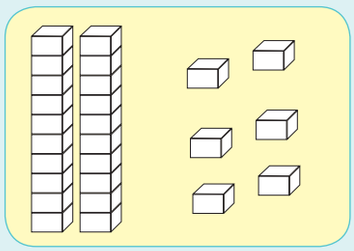
Hafu ya 20 ndi 10



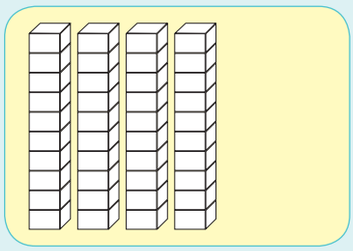
Hafu ya 22 ndi



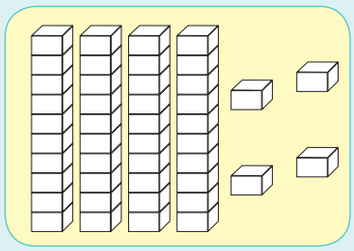
Hafu ya 28 ndi



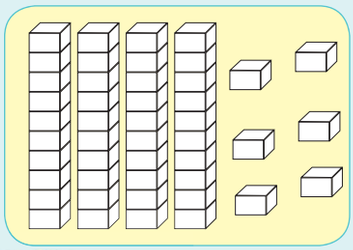
Hafu ya 26 ndi



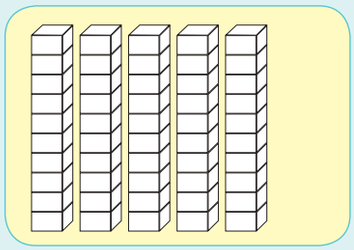
Hafu ya 40 ndi



Hafu ya 44 ndi

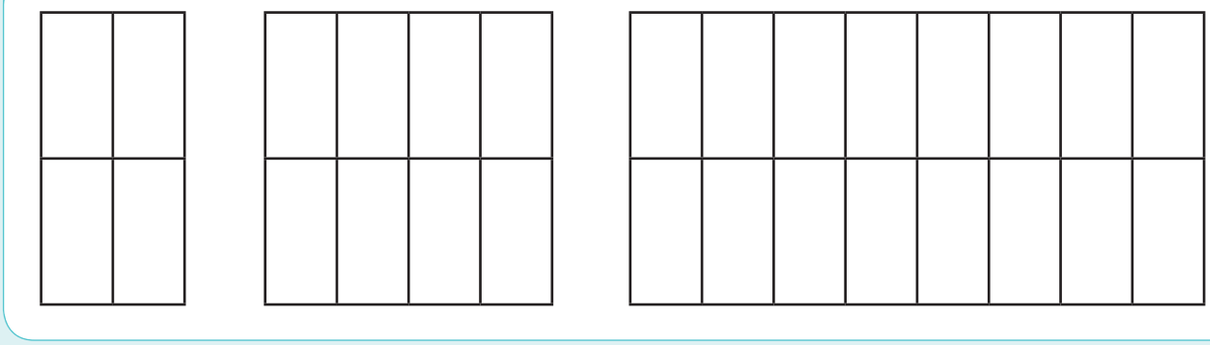


Hafu ya 46 ndi



Hafu ya 50 ndi

Khaḽarani hafu ya daigireme iṅwe na iṅwe.



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

Deithi:

Data



Nanguluzani (vhekanyani) mitshelo. Itani nyolo yaṋu inwi muṋe ya u sumbedza kunanguludzele. Ṅwalani ṱhanganyelo tshibogisini.

Ndo kuvhanganya mitshelo i no fana fhethu huthihi ndi tshi shumisa u nanguludza.

Olani girafu ya zwifanyiso ya mitshelo ye na nanguludza.

Sedzani mitshelo ni fhindule mbudziso.

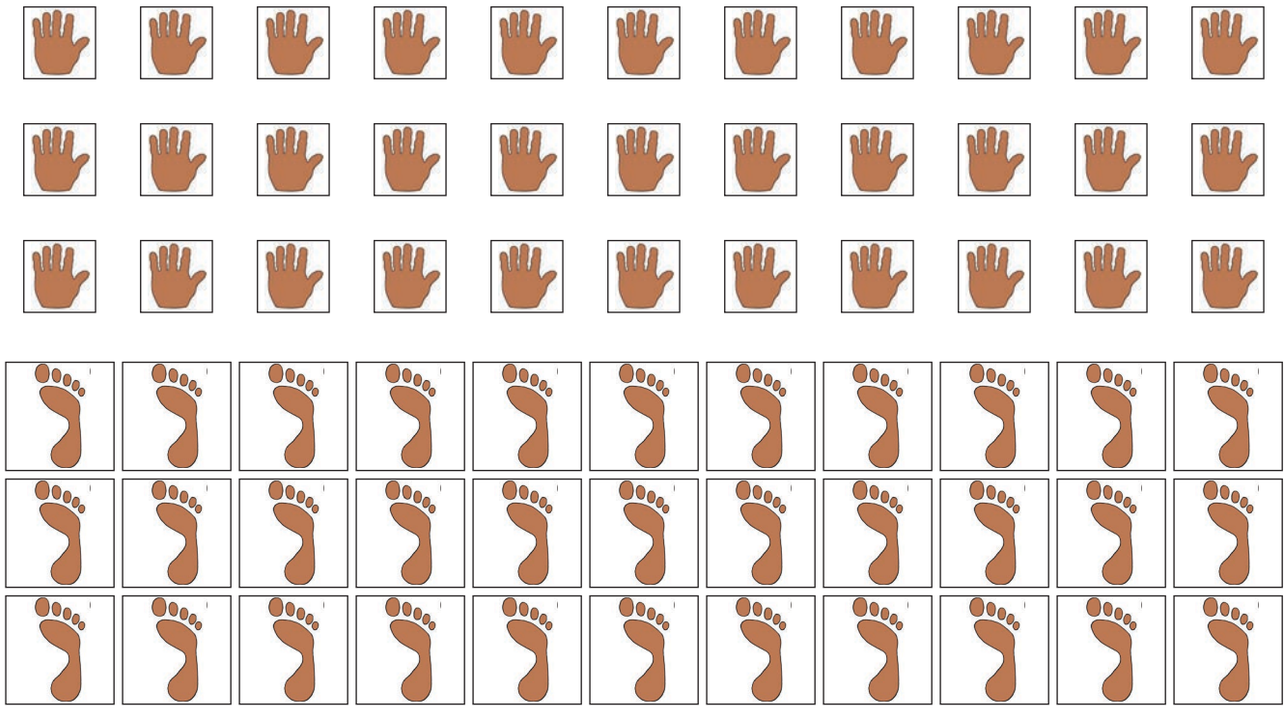
Ndi mitshelo ifhio i re minzhi?

Ndi mitshelo ifhio i re miṱuku?

Teacher:
Sign:
Date:

Tshigeriwa I

Mabammbiri a u shemela a 10 na 40



Bammbiri ḽa u shemela ḽa 13

matshelonitsheloni	mathabama	masiari
vhusiku	vhusikusiku	matsheloni na maṱavhelo

Tshigeriwa 2

Bammbiri ḽa u shumela ḽa 22

Zwiwo zwa ḓivhazwakale

Ḓuvha ḽa Pfanelo dza Vhathu

Ḓuvha ḽa Vhupfumedzani

Ḓuvha ḽa Vhashumi

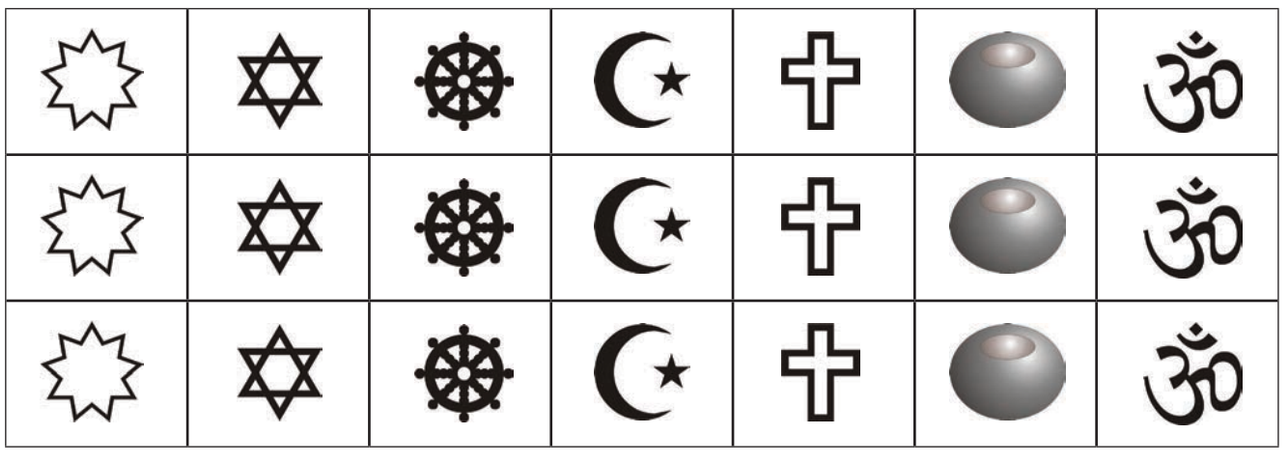
Ḓuvha ḽa Vhaswa

Ḓuvha ḽa Vhufa

Ḓuvha ḽa Vhafumakadzi ḽa Lushaka

Ḓuvha ḽa Mbofholowo

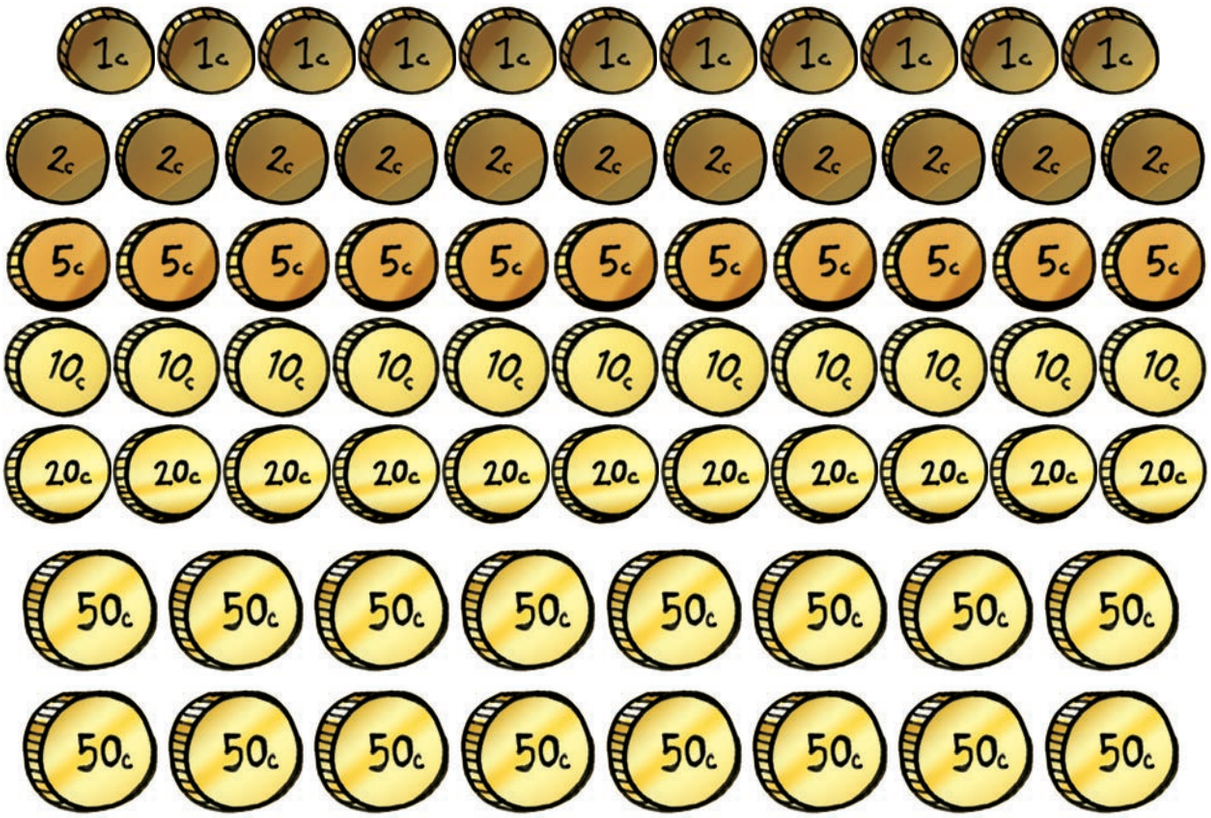
Zwiga zwa vhurereli



Tshibahai Tshiyuda Tshibuda Tshiisiḽamu Tshikhriste Vhurereli ha Tshiafrika Tshihindu

Cut-out 3

Worksheets 25 and 26

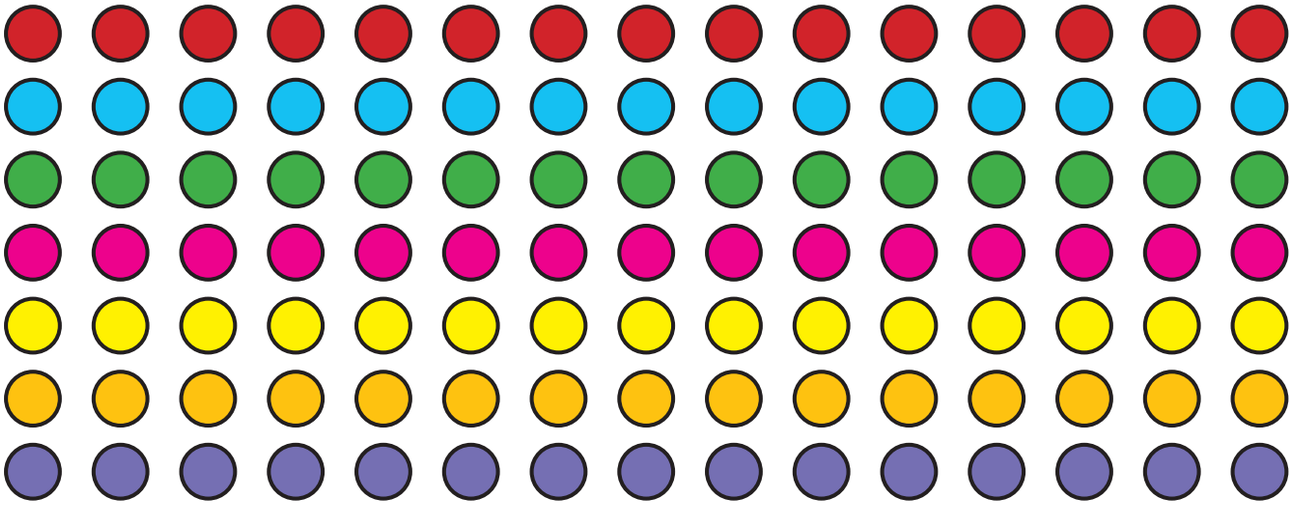


R50	R50	R50	R50	R50
R10	R10	R10	R10	R10
R20	R20	R20	R20	R20
R100	R100	R100	R100	R100
R50	R50	R50	R50	R50
R10	R10	R10	R10	R10
R20	R20	R20	R20	R20
R100	R100	R100	R100	R100

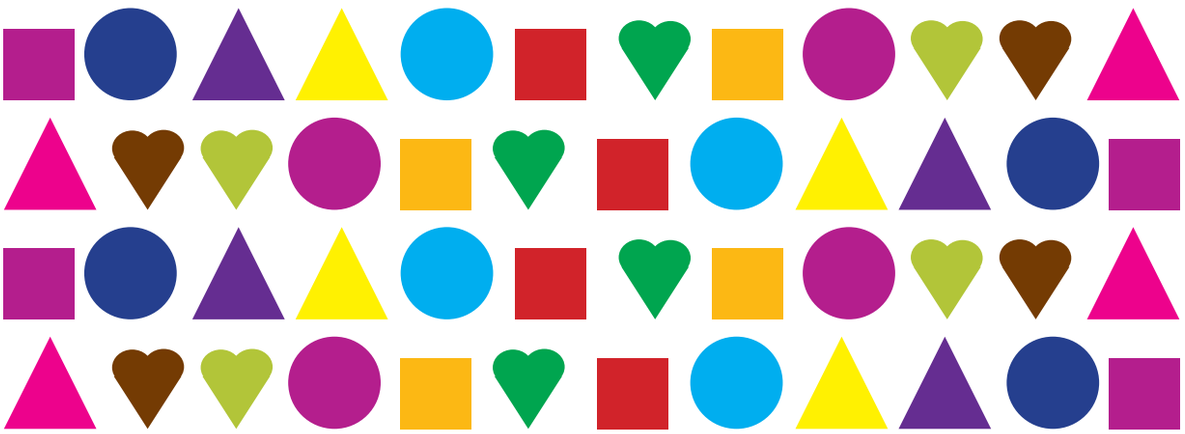
ENG MAT G2 B1 cut-outs.indd 142 2014/04/28 9:37 PM

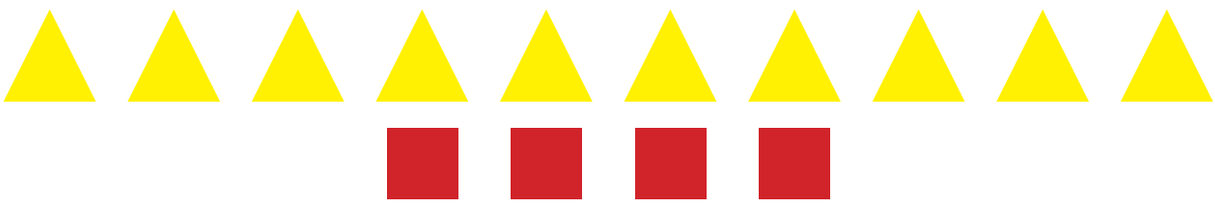
Cut-out 4

Worksheet 27

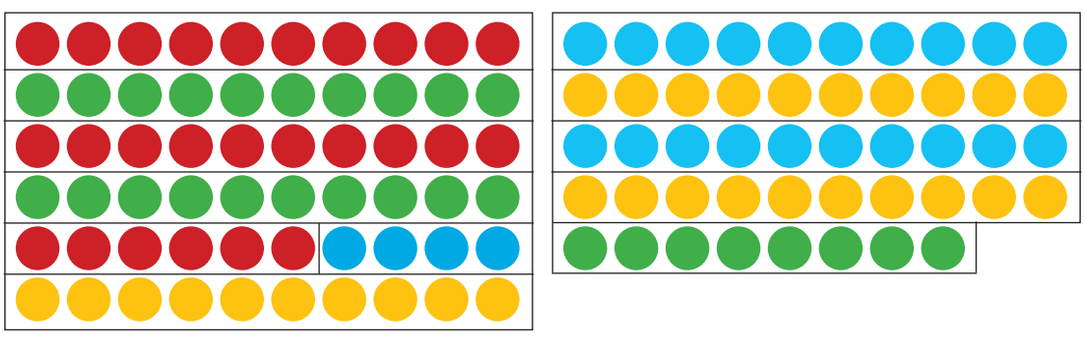


Worksheet 60





Worksheet 61



ENG MAT G2 B1 cut-outs.indd 144 2014/04/28 9:37 PM