

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

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

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

Jalukanyani hune ra bva hone.

Ri songo dovha vhukhaki ha mulovha.

Mulayotewa washu u ri thusa uri ri elekanye nga vhumatshelo ha khwihe ha rothe khatihi na u vhu fhaa.

Rine, vathu vha Afrika Tshipembe;

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

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

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

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

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

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

Fhaa mitheo kha demokirasi na tshitshavha tshi re khagala hune muvhuso wo disendeka kha lufuno lwa vathu nahone vhadzulapo vho tsireledzwa nga mulayo nga ngila I linganaho;

Khwinisa ndeme ya Vhutshilo ha vhadzulapo vhothe na u vhofohola vhekoni ha muthu muhwe na muhwe; na

Fhaa mbumbano na demokirasi zwa Afrika Tshipembe uri Ii kone u vha fhethu ho teaho sa muvhuso wo diimisaho kha muu wa tshaka.

Shumisani pfanelo dza u sa mudzulapo wa Afrika Tshipembe ni dovhe ni vhe na vhuifhinduleli ha u tsireledza pfanelo dza vhahe.

Divhani Mulayotibe Wa Pfanelo na Mulayotibe Wa Vhuifhinduleli.

Mudzimu tsireledza vathu vhashu.

Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.

God seën Suid-Afrika. God bless South Africa.

Hosi katekisa Afrika.

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MATHEMATICS IN TSHIVENDA
GRADE 2 – BOOK 1
TERMS 1 & 2

ISBN 978-1-4315-0002-4

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DIVHAMBALO NGA TSHIVENDA

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Vho Angie Motshekga
Minista wa Muhasho wa
Pfunzo ya Muteo



Vho Dr Reginah Mhaule
Muthusaminista wa
Pfunzo ya Muteo

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

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

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

Ri na fulufhelo lauri bugu idzi dzi ḍo thusa vhadededzi (vhagudisi) mushumoni wavho wa u funza wa ḍuvha linwe na linwe khathihi na u vha na vhuṭanzi uri vha khunyeledze kharikhuḽamu yoṭhe. Ro ita nga vhuronwane uri ri sumbedze ṇḽila vhadededzi kha nyito nge ra shumisa aikhoni dzi no sumbedza uri mugudi u tea u ita zwifhio.

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

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



Gireidi ya 2



NGA TSHIVENDĀ

Bugu iyi ndi ya:



TSHIVENDĀ

Bugu ya



Deithi:

Nne na muṭa wa hashu

Ndi na miñwaha
ya malo.



Nomboro ya
nñu ya hashu
ndi 12.



Ndi nne muṭukusa
muṭani wa
hashu.



Ndi na
khaladzi
mbili.



Khotsi anga
vha na miñwaha
ya 32.



Dzhenisani phindulo kha mbudziso idzi nga ha inwi na muṭa wa hañu.

Dzina langa ndi _____.

Ndi na miñwaha ya _____.

Miñwaha mivhili yo fhelaho ndo vha ndi na miñwaha ya _____.

Nga murahu ha ñwaha muthihi ndi do vha ndi na miñwaha ya _____.

Ndi dzula ha _____.

Ndi nnyi muhulwanesa muṭani wa hañu? _____

Ñwalani uri vha na miñwaha mingana. _____

Ndi nnyi muṭukusa muṭani wa hañu? _____

Ñwalani uri u na miñwaha mingana. _____

Deithi ya ñamusi ndi _____.



Olani tshifanyiso tsha muṭa wa hanu.

Large empty rectangular box for drawing or writing.



1 2 3 4 5 6 7 8 9



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

2

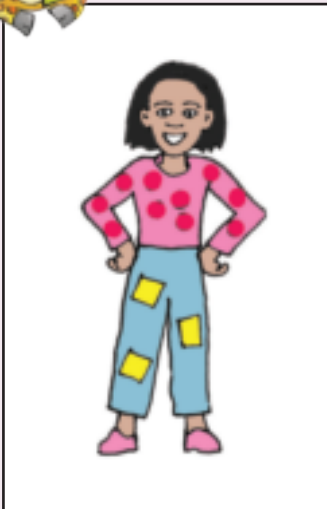
Deithi:

Themo ya I

U vhalela



Dadzani zwikhala zwi si na tshithu.



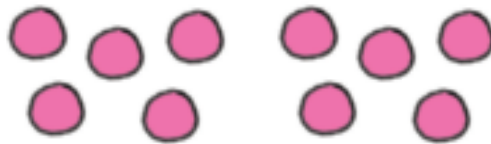
ma_o

zwithoma

zwihaswa



2



ma_o

zwithoma

zwihaswa



mato

zwithoma

zwihaswa



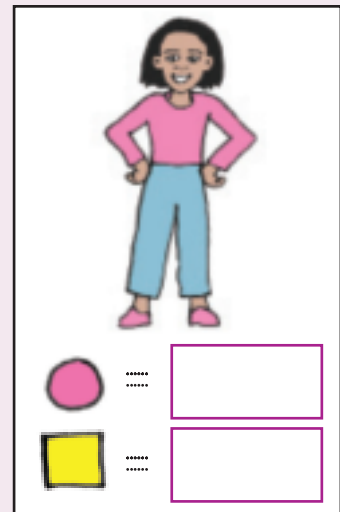
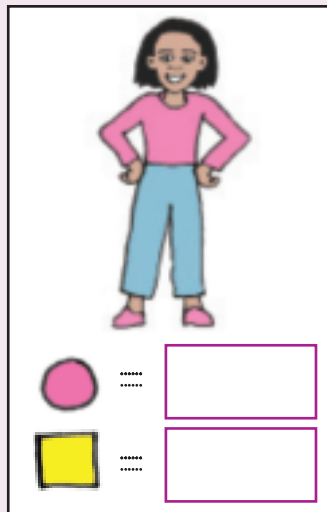
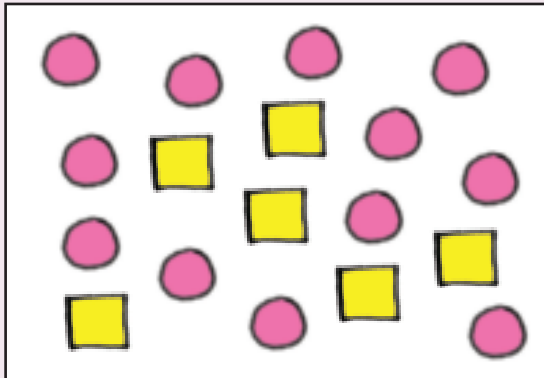
mato

zwithoma

zwihaswa



Kovhani zwithoma
na zwihaswa zwi tshi
lingana.



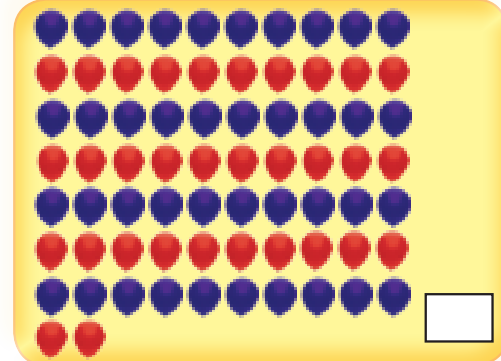
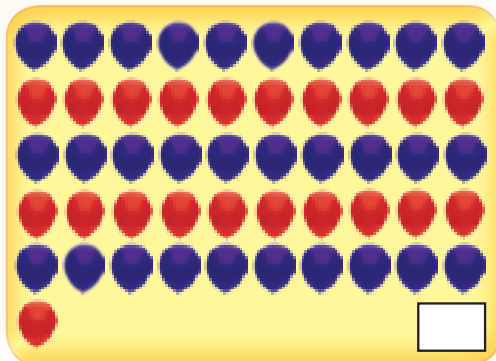
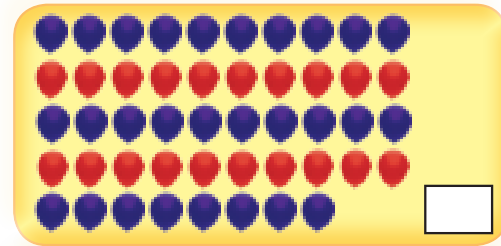
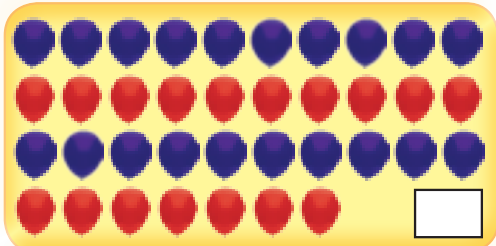
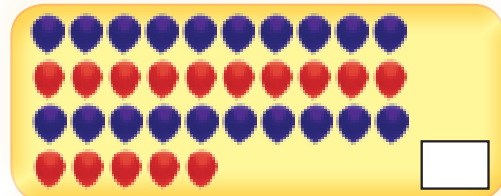
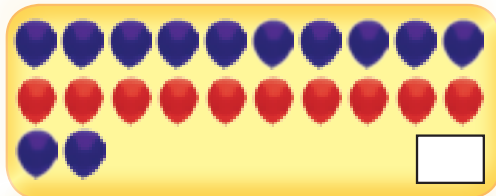
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Nomboro

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



Nwalani tshivhalo tsha mabaloni tshibulokoni.





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



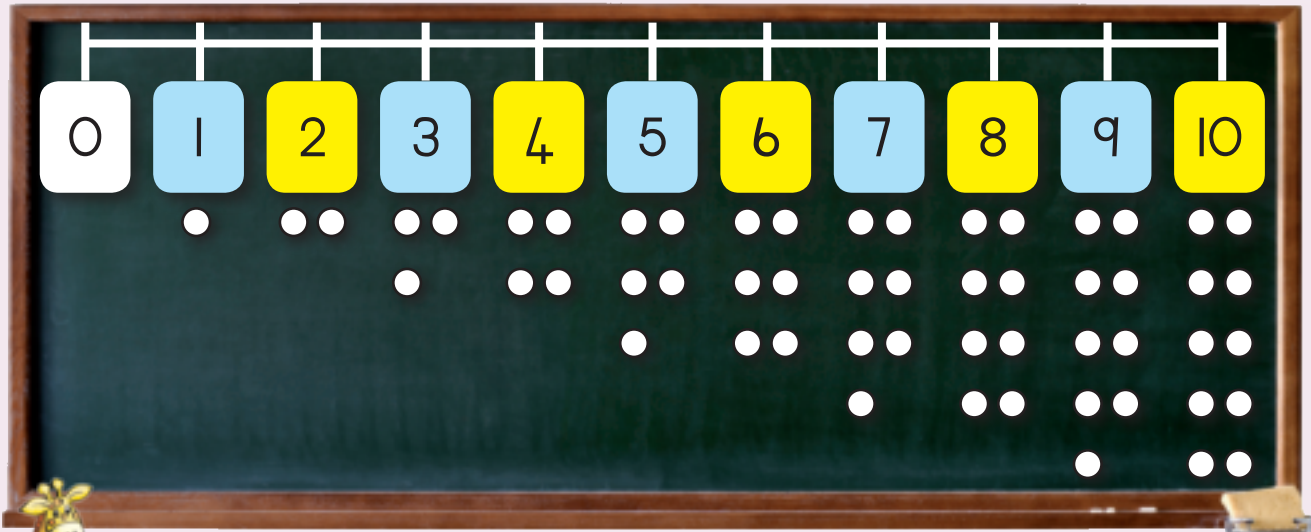
Teacher:
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Date:

4

Themo ya l

Deithi:

Nomboro dzingwe hafhu



Olani $\triangle$ kha nomboro dza ivini na $\bigcirc$ kha dza odo.



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

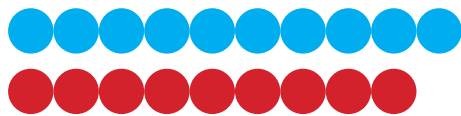
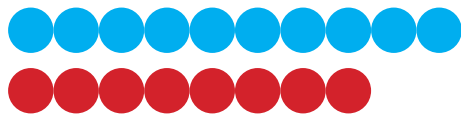
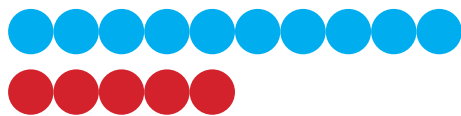


Tshivhalo tsha nndu.





Vhalani mivhala mivhili ya vhulungu.



Nwalani nomboro ya:

$$10 + 2 = 12$$

$$10 + 3 = \square$$

$$10 + 5 = \square$$

$$10 + 8 = \square$$

$$10 + 9 = \square$$

Ri nga i riwala sa:

$$10 + 2 = 12$$

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

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

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

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



Phindulo ndi ifhio?

$$10 + 1 = \square$$

$$10 + 8 = \square$$

$$10 + 5 = \square$$

$$10 + 9 = \square$$

$$10 + 2 = \square$$

$$10 + 4 = \square$$

$$10 + 6 = \square$$

$$10 + 3 = \square$$

$$10 + 7 = \square$$



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



Teacher:

Sign:

Date:

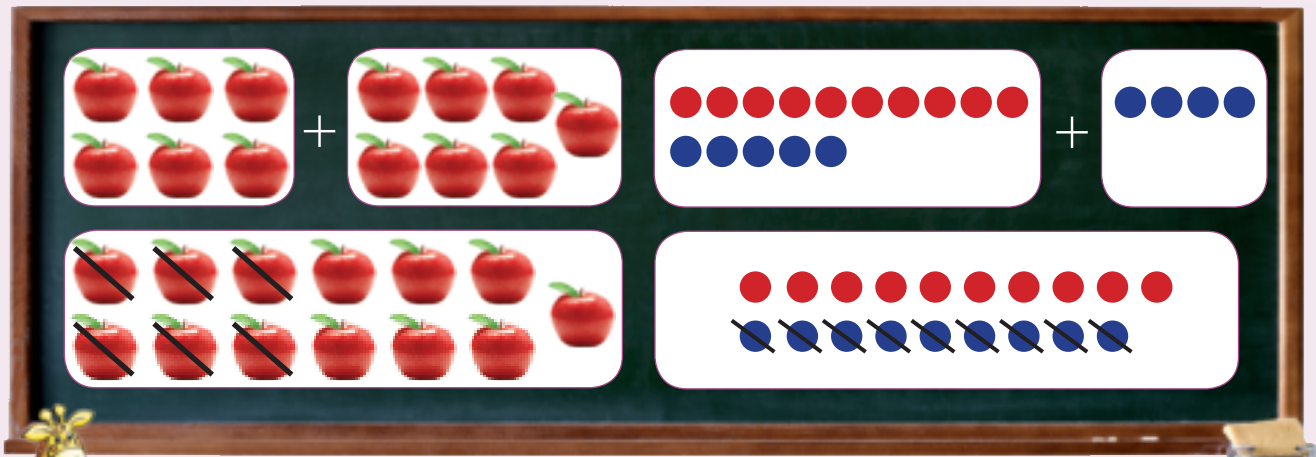
11 12 13 14 15 16 17 18 19 20

5

Themo ya I

Mutanganyo na mutuso

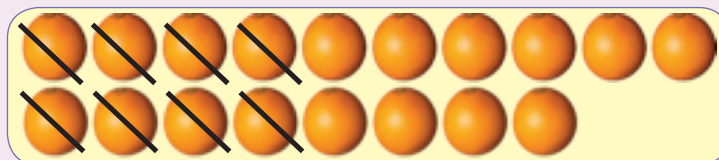
Deithi:



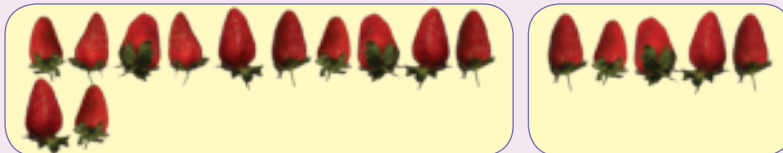
Tanganyani ni tuse.



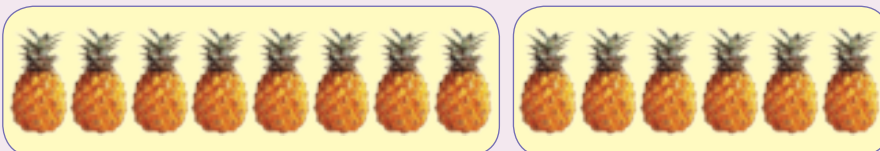
$$9 + 8 = \boxed{17}$$



$$18 - 8 = \boxed{}$$



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



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



Rekanyani.



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

$$6 + 5 = \boxed{}$$

$$8 + 9 = \boxed{}$$

$$11 + 3 = \boxed{}$$

$$12 - 5 = \boxed{}$$

$$8 + 7 = \boxed{}$$

$$3 + 8 = \boxed{}$$

$$9 - 5 = \boxed{}$$

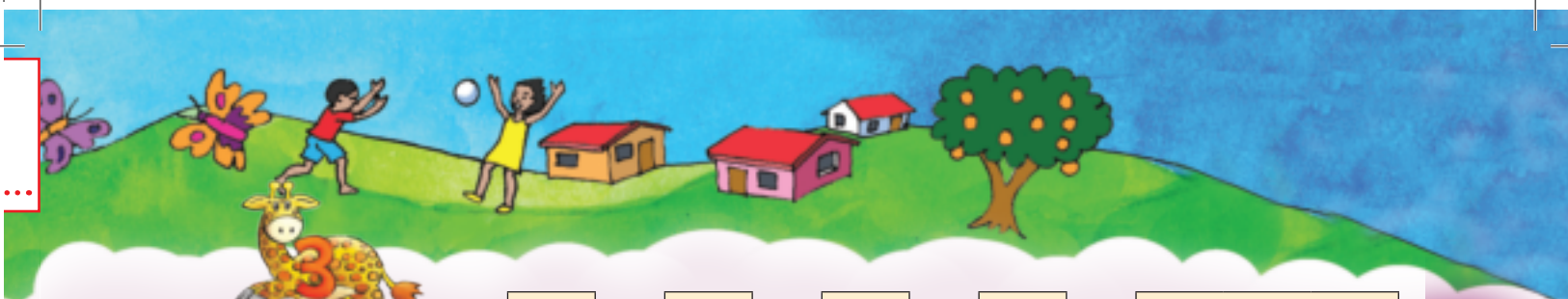
$$16 - 9 = \boxed{}$$

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

$$8 + 4 = \boxed{}$$

$$8 - 4 = \boxed{}$$

$$6 - 4 = \boxed{}$$



Tanganyani.

$$\begin{array}{|c|} \hline \text{Apple} \\ \hline 2 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Apple} \\ \hline 2 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Apple} \\ \hline 2 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Apple} \\ \hline 2 \\ \hline \end{array} = \begin{array}{|c|} \hline \text{8 Apples} \\ \hline 8 \\ \hline \end{array}$$

	+		+		=					
	+		+		=					
	+		+		+		=			
	+		+		+		=			
	+		+		+		+		=	
	+		+		+		+		=	
	+		=							
	+		=							



Rekanyani.

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

$4 + 4 = \boxed{}$

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

$1 + 1 + 1 + 1 + 1 + 1 = \boxed{}$

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

$5 + 5 = \boxed{}$

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

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

$1 + 1 + 1 = \boxed{}$



$2 + 2 + 2 + 2 + 2 + 2$



Teacher:
Sign:
Date:

6

Deithi:

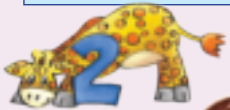
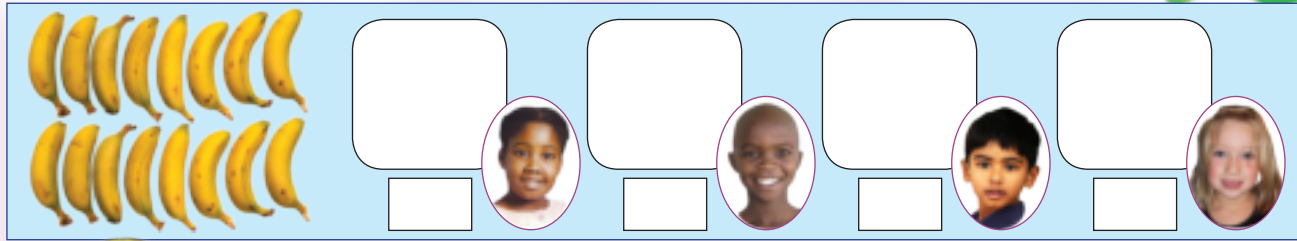
Themo ya l

U kovhana tshelede

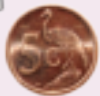


Kovhanani mitshelo i re afho fhasi.

	4		4	



Fhedzisani.



5 senthe



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



=

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

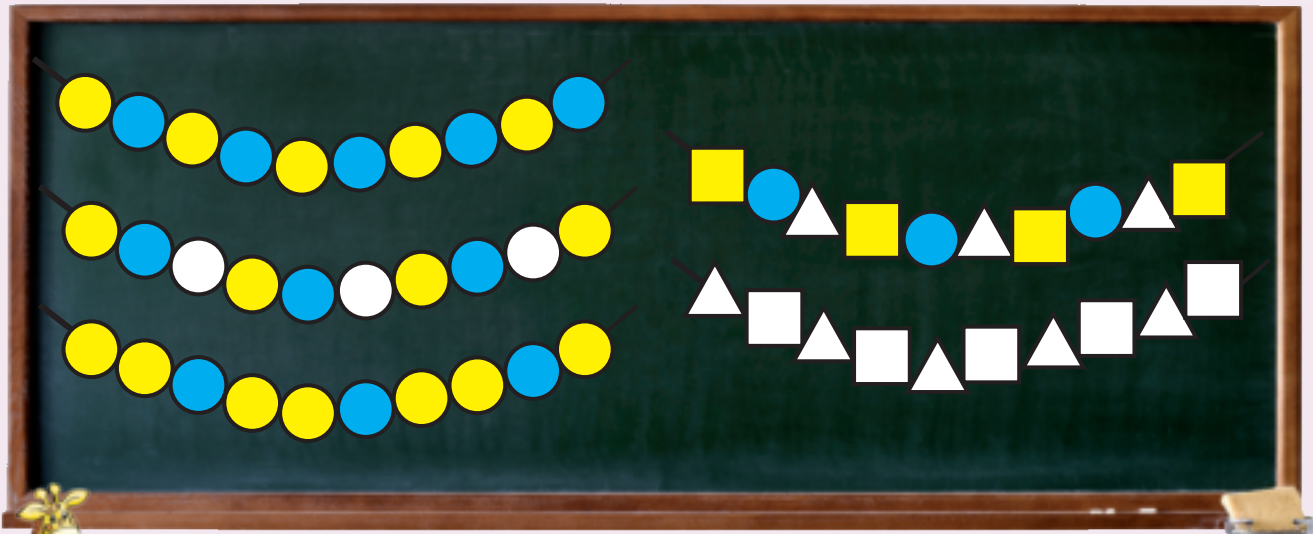
5c

R10

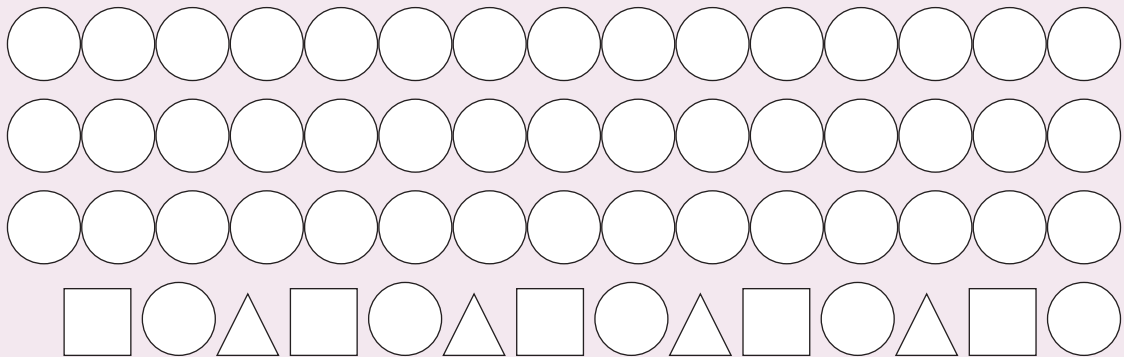


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Phetheni

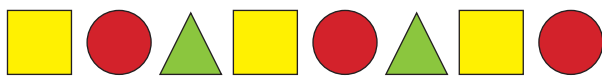
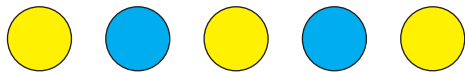


Kopololani phetheni kha zwikhala zwi re af'ho f'hasi dzi tshi bva kha bodo ya tshoko.





Engedzani phetheni.





Khalarani vhulungu ni tshi khou ralo u vhu vhala nga vuvhili.

2	4	6							



Khalarani maluvha ni tshi khou ralo u a vhala nga matanu.

5	10	15							



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

10	20	30							



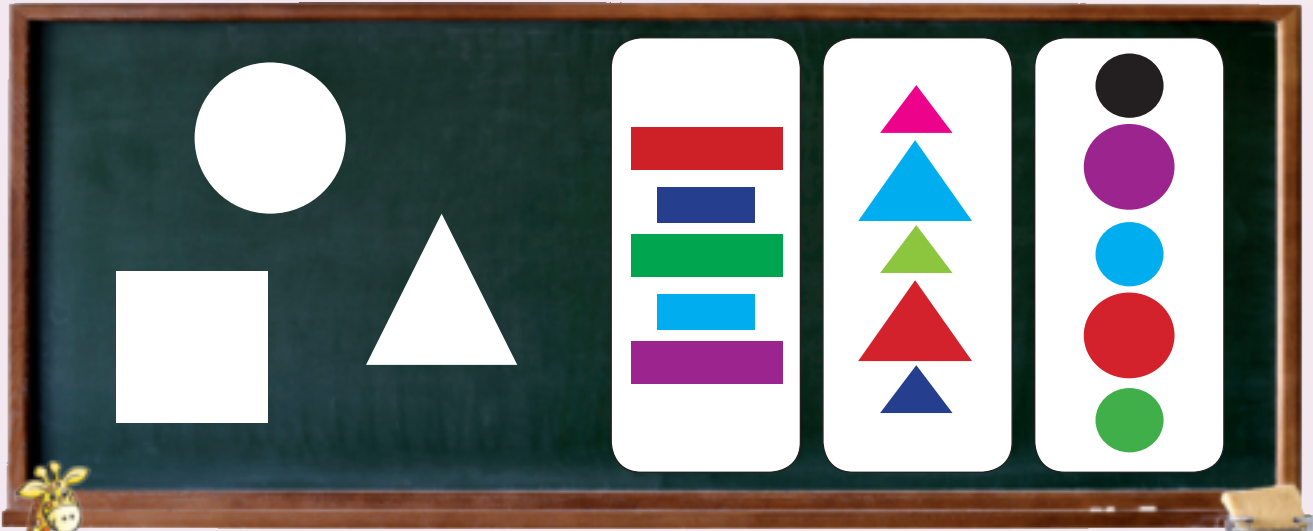
O I A O I A O I A



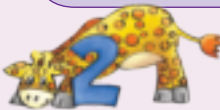
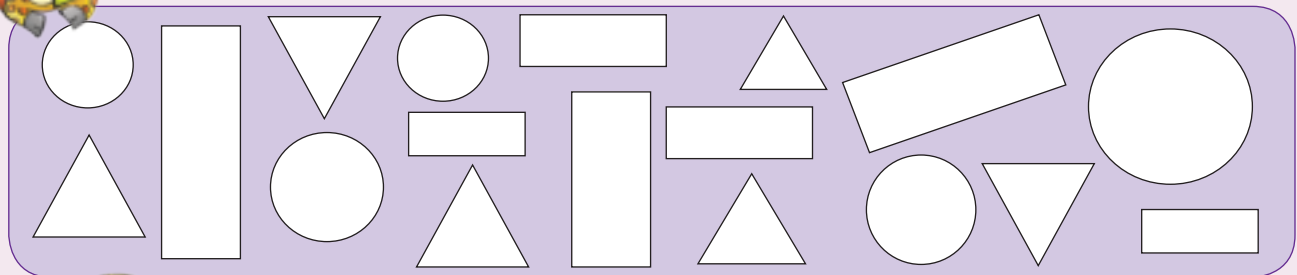
Teacher:
Sign:
Date:

Zwivhumbeo

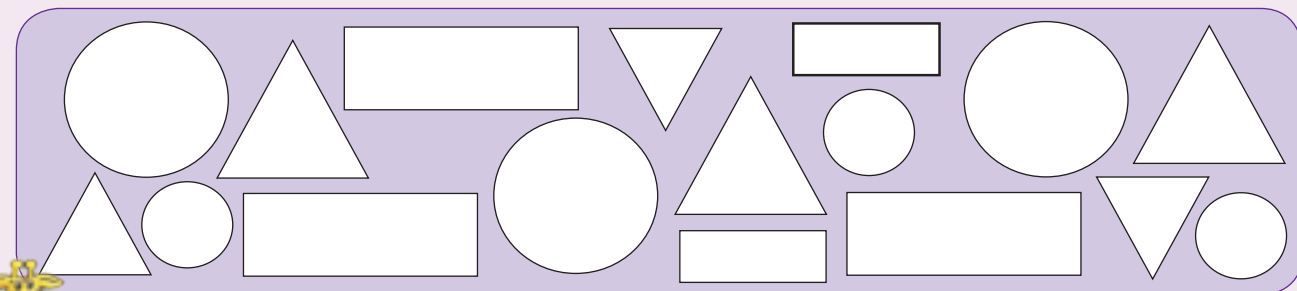
Deithi:



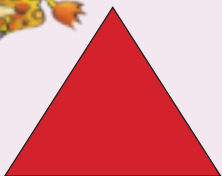
Khalarani rekithiengele nga muvhala wa lutombo, zwitendeledzi nga mutswuku na thofu nde raru nga wa ṭaḁa.



Khalarani zwitendeledzi zwoṯhe zwiḥulwane nga muvhala mutswuku, rekithiengele nga mudala na thofu nde raru ṭhukhu nga wa ṭaḁa.

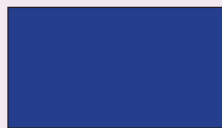


Naa masia aya ndi a tswititi kana tshipulumbu? Khalarani phindulo i re yone.



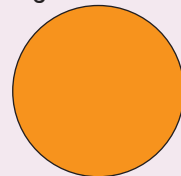
tswititi

tshipulumbu



tswititi

tshipulumbu



tswititi

tshipulumbu



Olani luḽa luḽwe luḽhafha lwa tshisusu.

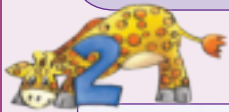


Teacher:
Sign:
Date:

Bola na zwibogisi



Tangedzelani zwibogisi nga muvhala wa lutombo na bola nga mutswuku.



Khalarani phindulo yone.



Tshibogisi tshi a

swenda

kunguluwa



Bola i a

swenda

kunguluwa



Khalarani phindulo yone.



matungo
a tshipulumbu

matungo
a tswititi



matungo
a tshipulumbu

matungo
a tswititi



matungo
a tshipulumbu

matungo
a tswititi



matungo
a tshipulumbu

matungo
a tswititi



matungo
a tshipulumbu

matungo
a tswititi



matungo
a tshipulumbu

matungo
a tswititi



matungo
a tshipulumbu

matungo
a tswititi



matungo
a tshipulumbu

matungo
a tswititi



Ambani arali bola i murahu, nga phanda ha, tsini na kana nga ntsha ha tshibogisi.



murahu ha

nga phanda ha

tsini na

nga ntsha ha



murahu ha

nga phanda ha

tsini na

nga ntsha ha



murahu ha

nga phanda ha

tsini na

nga ntsha ha



murahu ha

nga phanda ha

tsini na

nga ntsha ha



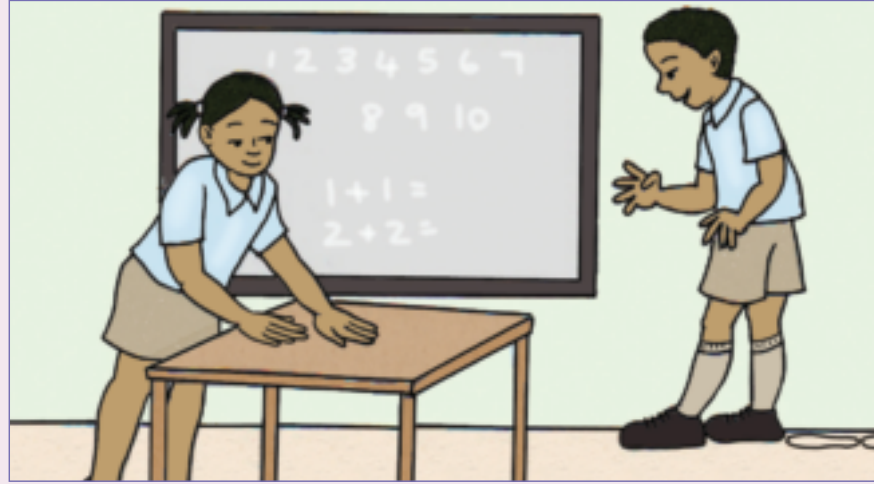
bola bogisi



Teacher:
Sign:
Date:

Vhulapfu

Vha khou ita mini?



Ndi tshidimela tshif'hio tshi re tshipfufhi kana tshilapfu?



tshilapfu

tshilapfu



tshilapfu

tshilapfu



Ndi tshifaṱo tshif'hio tshi re tshilapfu kana tshipfufhi?



tshilapfu

tshilapfu



tshilapfu

tshilapfu



Ndi muthu ufhio a re
mupfufhi kana mulapfu?

mupfufhi

mupfufhi

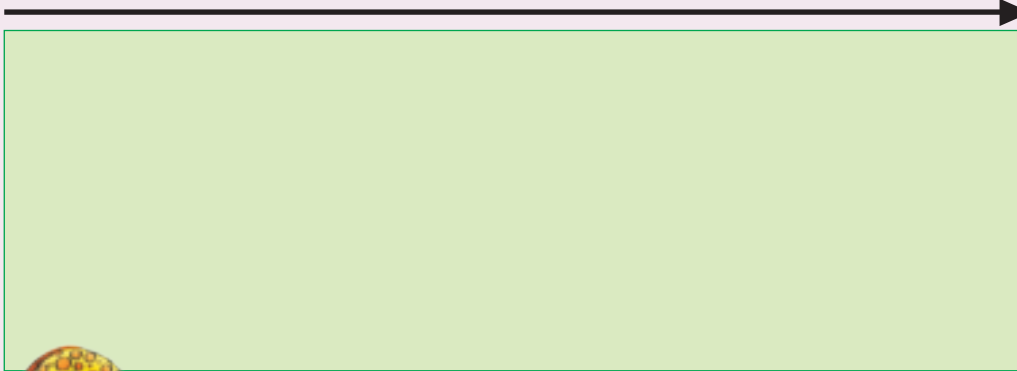


mupfufhi

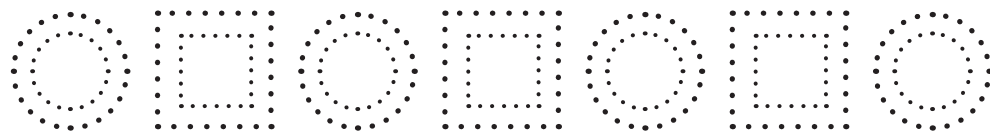
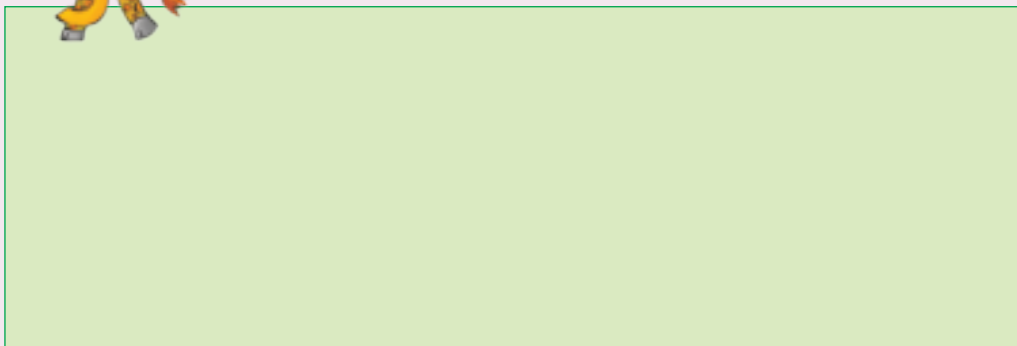
mupfufhi



Shumisani tshigeriwa l tsha tshanda. Thofu nde ina iyi yo lapfa nga zwanda zwingana?
Shumisani tshigeriwa l tsha nayo. Thofu nde ina yo lapfa nga nayo nngana?

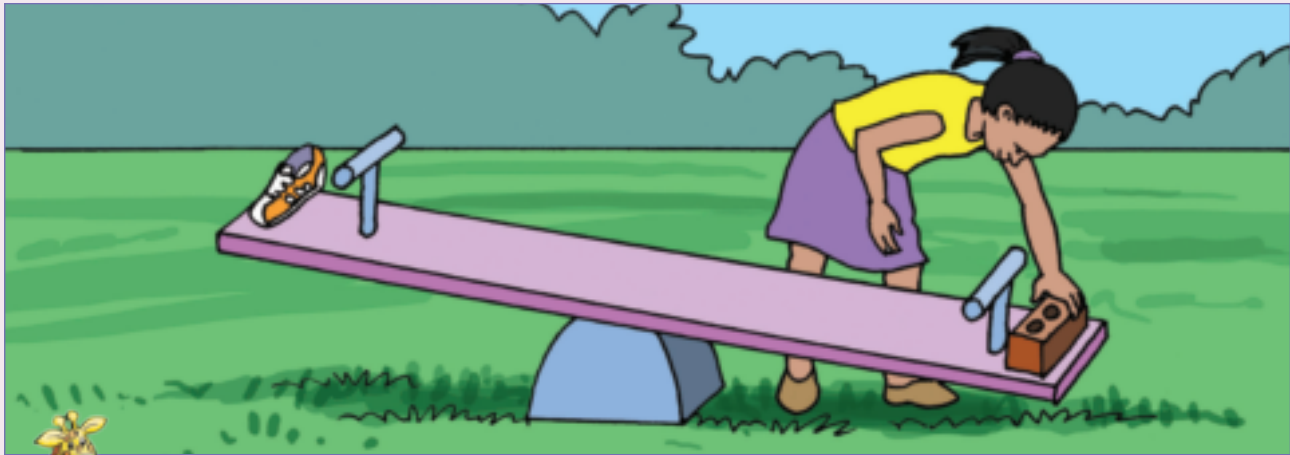


Zwino kalani vhulapfu ha thofu nde ina nga zwanda na nayo.



Teacher:
Sign:
Date:

Tshileme

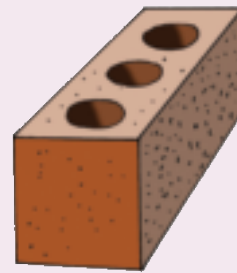


Bulani uri tshithu tshi a lemela kana u leluwa u fhira tshirwe naa.



lemela

leluwa

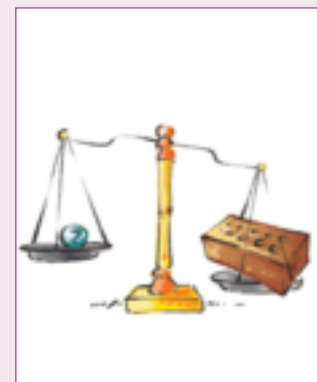


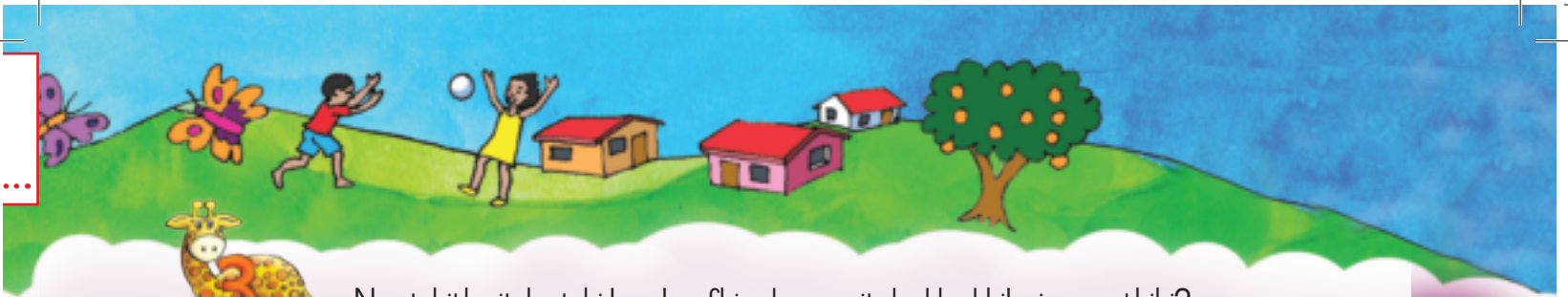
lemela

leluwa



Tangedzelani tshithu tshi no lemela.





Naa tshithu itsho tshi lemela u fhira kana zwiṭuku kha khilogireme nthihi?



lemela

leluwa



lemela

leluwa



lemela

leluwa



lemela

leluwa



lemela leluwa



Teacher:

Sign:

Date:

Ambani nga tshifanyiso.

Khaphasithi



Khalarani phindulo yone.



dala

a hu na tshithu

hafu



dala

a hu na tshithu

hafu



dala

a hu na tshithu

hafu



dala

a hu na tshithu

hafu



dala

a hu na tshithu

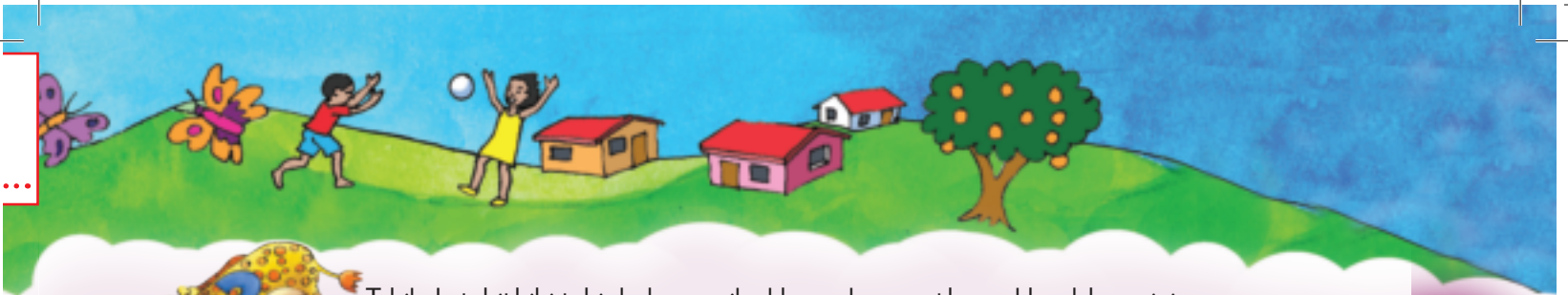
hafu



dala

a hu na tshithu

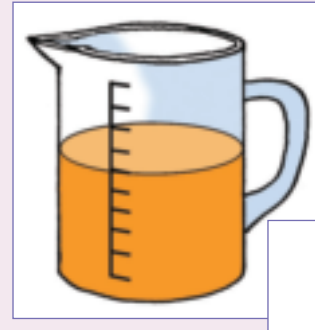
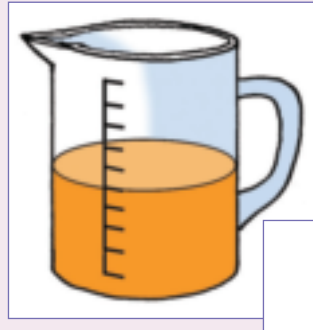
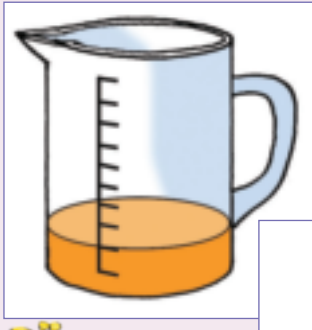
hafu



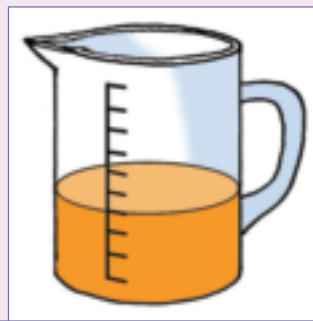
Tshikalo tshithihi tshi ḡadza u swika kha maka ya u thoma kha dzhege iyi.
Ndi zwikalo zwingana zwine zwa ḡo ḡadza dzhege iyi?



Ndi zwikalo zwingana zwo shelwaho kha dzhege idzi?



Dzhege i re kha tsha monde i fara l iṭha ya dzhusi. Ndi dzhege ifhio i re na dzhusi i linganaho nahone ndi dzhege ifhio i re na tḡhukhu.



lingana

tḡhukhu

lingana

tḡhukhu



ḡala a hu na tshithu



Teacher:

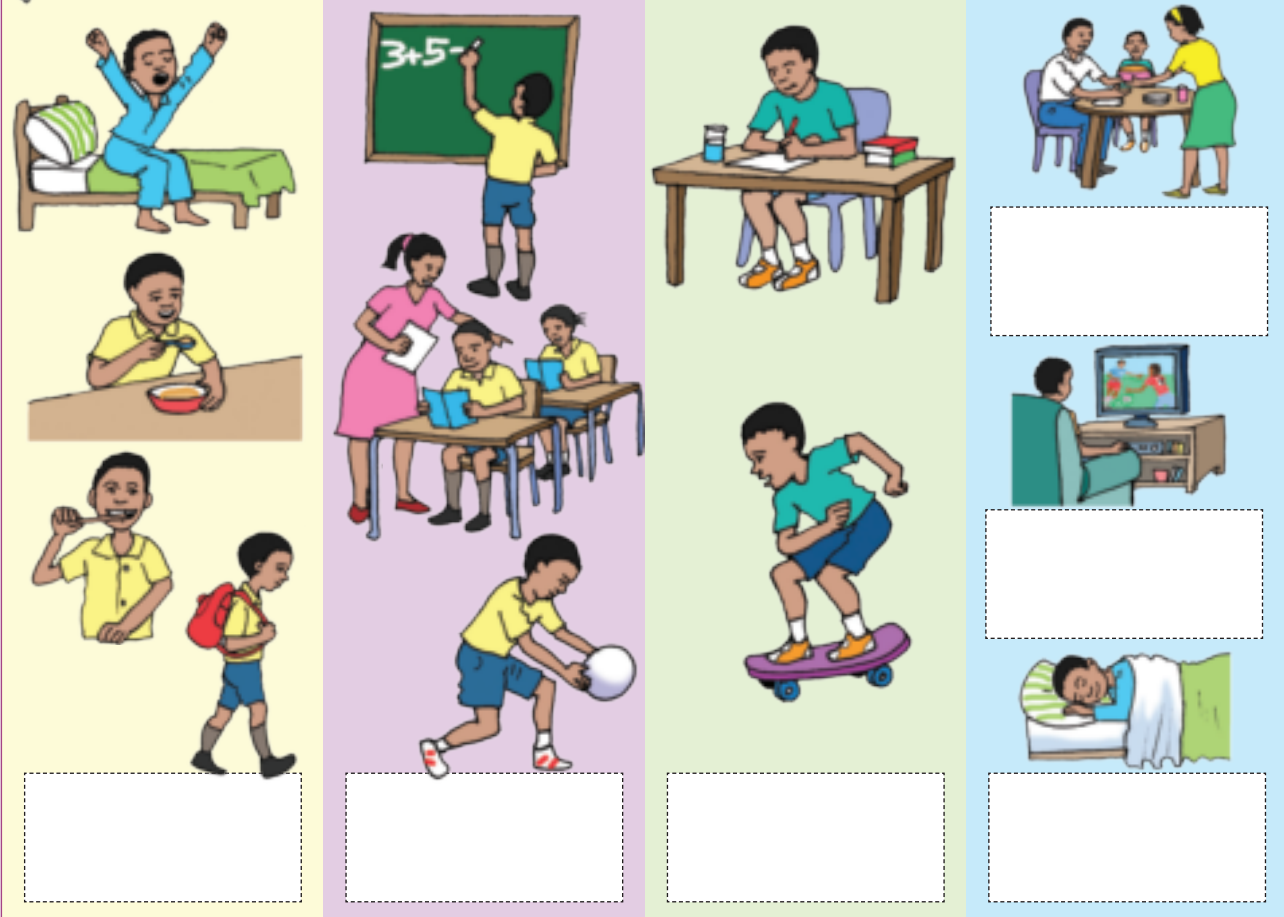
Sign:

Date:



Tshifhinga

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



Fhedzisani mafhungo.

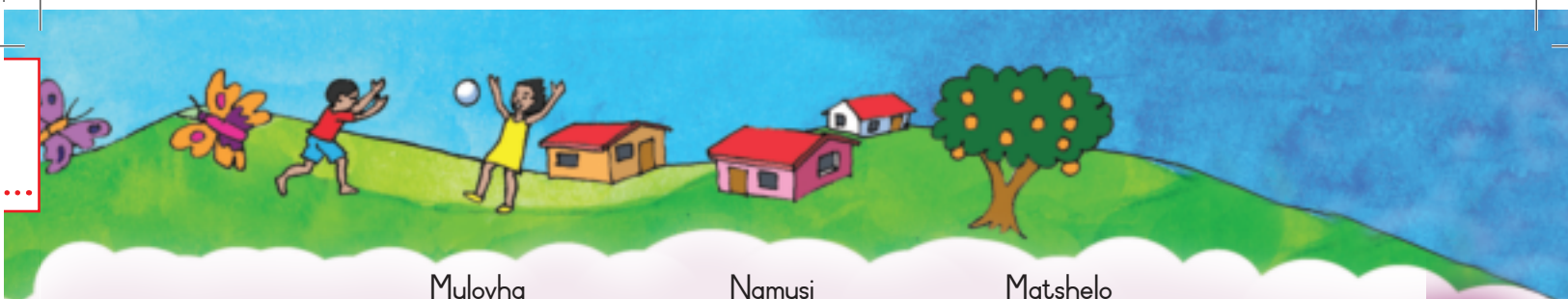
Ndi _____ nga matshelonitsheloni.

Ndi _____ nga matsheloni.

Ndi _____ nga masiari.

Ndi _____ duvha linwe na linwe.

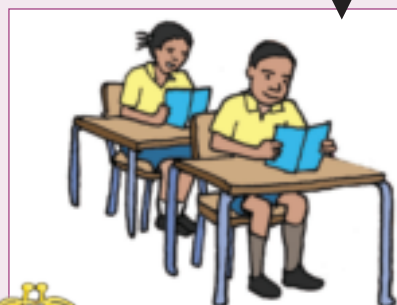
Ndi _____ u lenga duvha linwe na linwe.



Mulovha

Namusi

Matshelo



Fhindulani mbudziso.

Nwana u khou ita mini namusi? _____

Nwana o ita mini mulovha? _____

Nwana u do ita mini matshelo? _____



Olani tshifanyiso tsha inwi mune.

Matshelo

Namusi

Mulovha



Mulovha

O □ △ O □ △ O □ △ O



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

14

Deithi:

Themo ya l

Khalenda ya Duvha la Mabebo



Tevhedzelani minwedzi.

Phando

Sipho
Muruniwa
Annie

Luhuhi

Mpho
Sandani

Thafamuhwe

Sam
Juan

Lambamai

Betty
Luambo

Shundunthule

Kanakan
Ricco
Maanga

Fulwi

Mpho

Thangule

Mbali
Aifheli
Mary

Tshimedzi

Karin
Jaco

Fulwana

Palesa
Fulufhelo
Kayla

Khubvumedzi

John

Lara

Gugu
Dian

Nyendavhusiku

Mulalo
Richard
Rendani



Nwalani dzina la riwana muṛwe na muṛwe a re kilasini ya vhoiwe kha iyi khalenda ya maduvha a mabebo.

Phando	Luhuhi	Thafamuhwe
Lambamai	Shundunthule	Fulwi
Fulwana	Thangule	Khubvumedzi
Tshimedzi	Lara	Nyendavhusiku

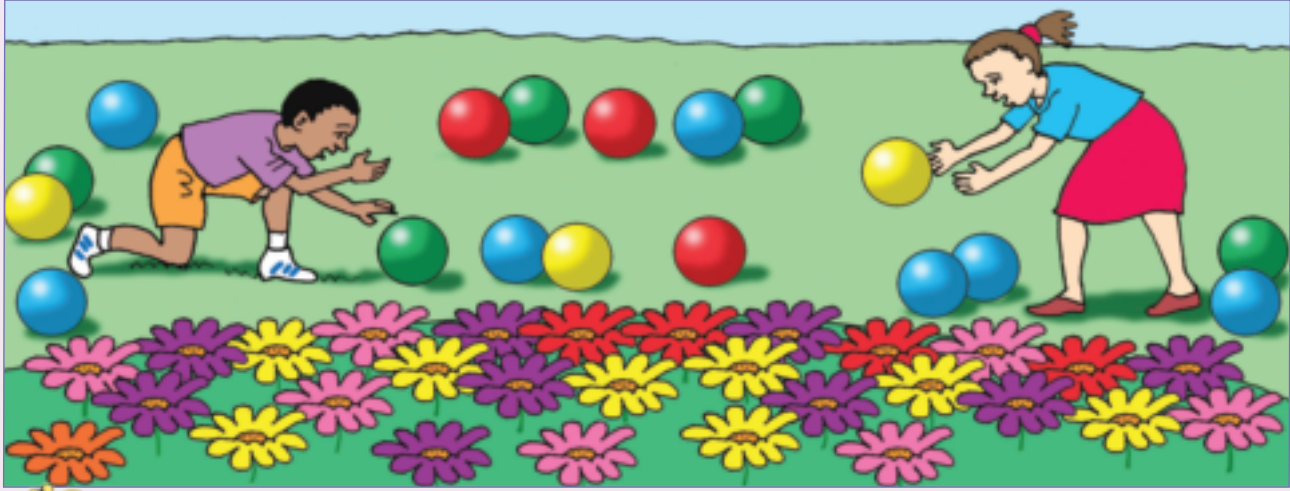


Duvha la mabebo
langa ndi la



Teacher:
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Date:

Kuvhanganyani ni vhekanye



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



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bola dala

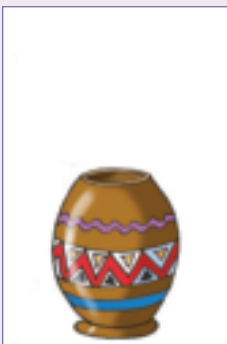
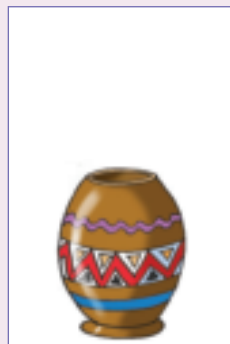
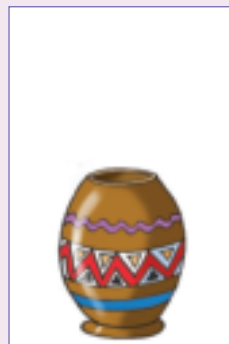
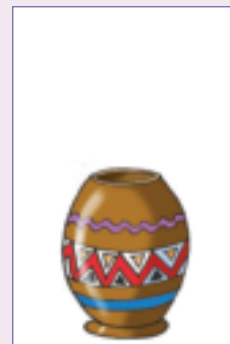
bola tswuku

bola dza lutombo

bola dza ṭaḁa

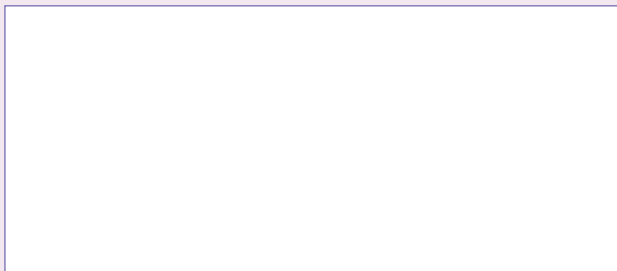
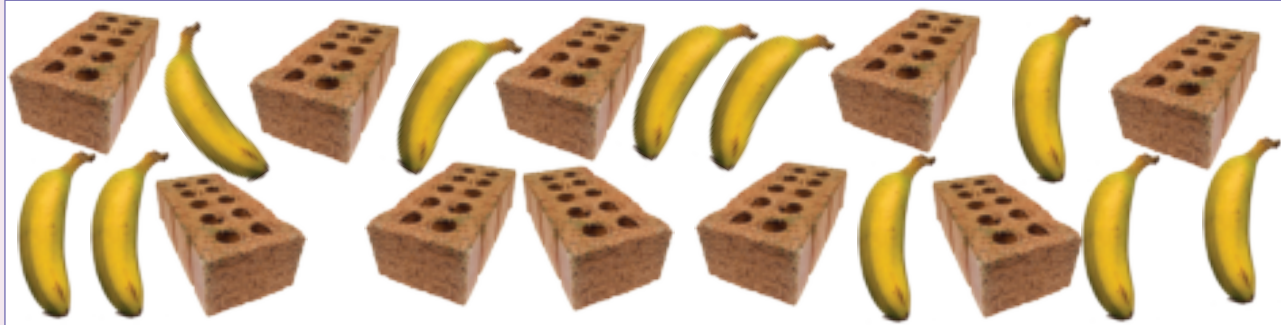


Kuvhanganyani maluvha ni a vhekanye.

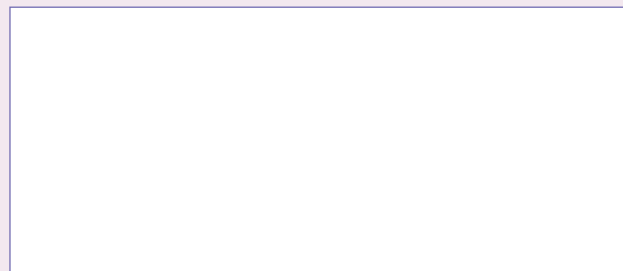
maluvha
a ṭaḁamaluvha
matswukumaluvha
a phephuḽumaluvha
a pinkimaluvha
a tshitopana



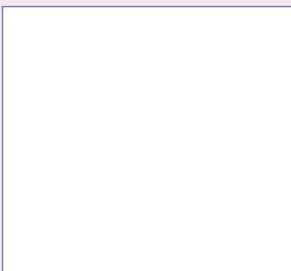
Vhekanyani zwithu. Itani nyolo dzaṅu vhoiwe vhaṅe.



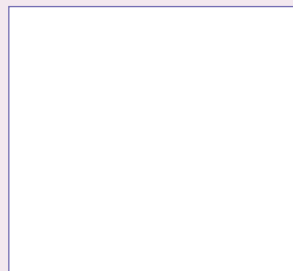
zwithu zwi leluwaho



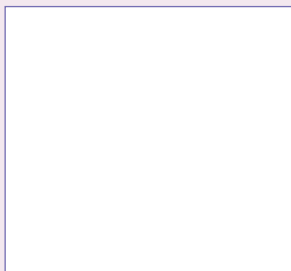
zwithu zwi lemelaḥo



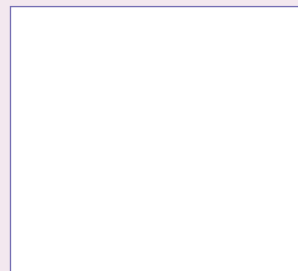
bola tḥukhu



bola khulwane



zwibogisi zwiṭuku

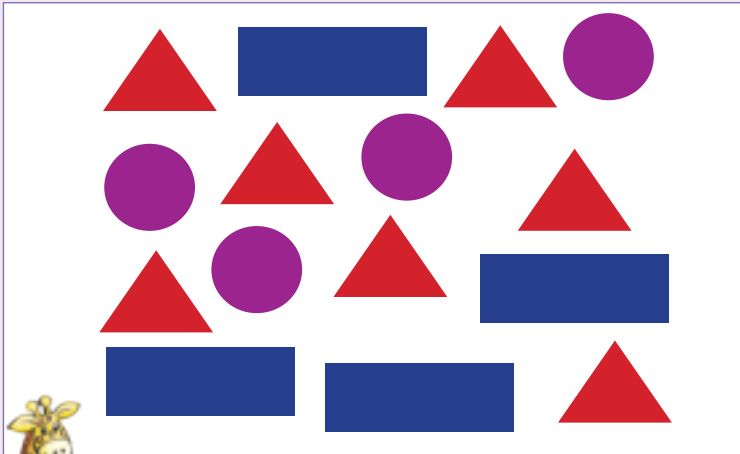


mabogisi mahulwane

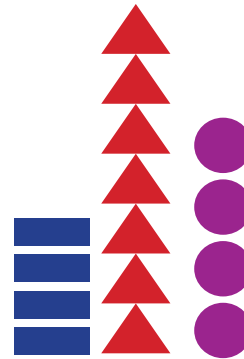


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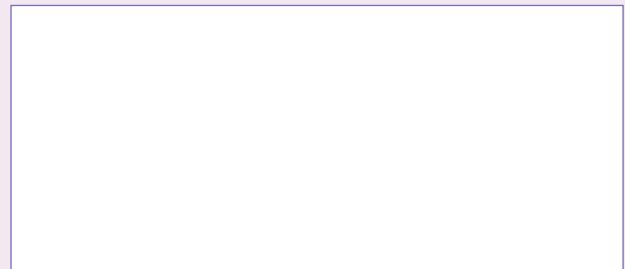
Vhalani ni ṭalutshedze



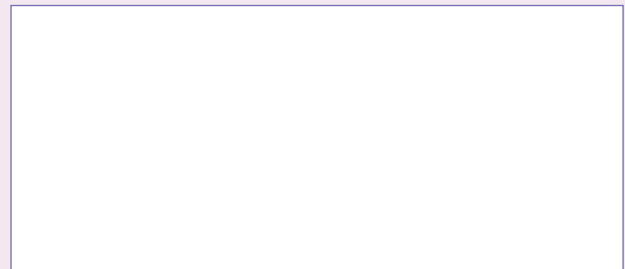
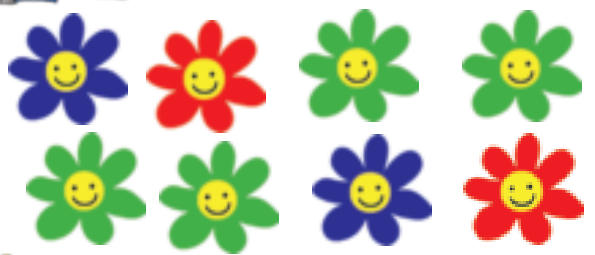
Nyolo yanga n̄e mūne



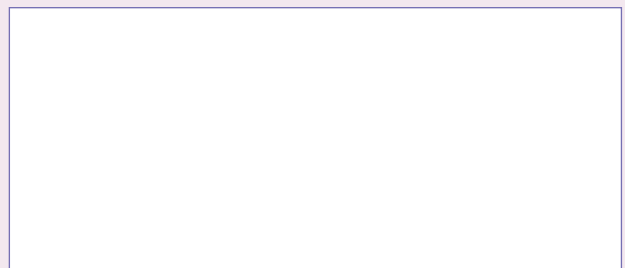
Vhekanyani khirayoni. Itani nyolo yadzo.



Vhekanyani maluvha. Itani nyolo yao.



Vhekanyani makole na misengavhadzimu. Zwi oleni.





Fhindulani mbudziso.

		
thiraiengele	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?

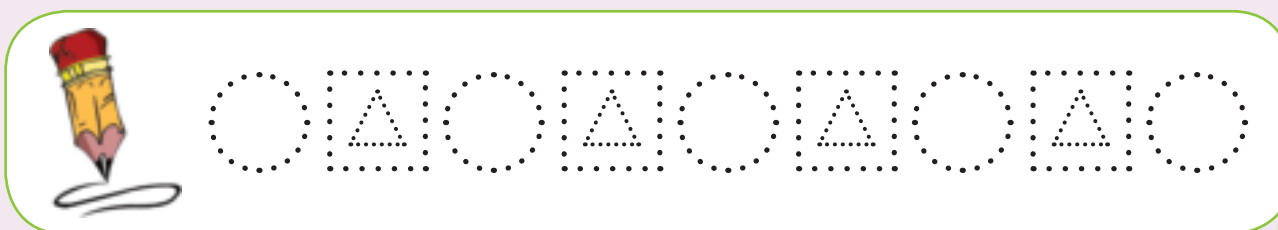
Hu na zwitendeledzi zwinzhi kana rekithiengele naa?

		
a hu na tshithu	hafu	ḡala

Hu na dzhege nngana dzi si na tshithu?

Hu na dzhege nngana dzi re hafu?

Hu na dzhege nngana dzo ḡalaho?

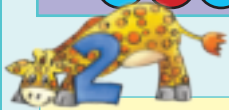


Teacher:
Sign:
Date:

Rangela, tevhela na vhukati

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

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



Nwalani nomboro yone kha tshikwea.

4 6 8

rangela vhukati ha tevhela

18

rangela vhukati ha tevhela

25

rangela vhukati ha tevhela

16

rangela vhukati ha tevhela



Dzhenisani nomboro dzi no khou tshelaho.

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

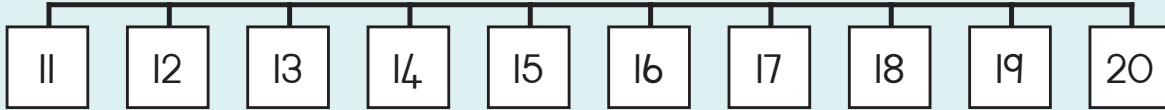
Ndi nomboro ifhio i no rangela 8? _____

Ndi nomboro ifhio i re tevhela 16? _____

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



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



Ñwalani nomboro dzoṯhe dzi re kha vhulungu ha ṯada.
Nomboro dzi re kha vhulungu ha ṯada dzi pfi mini.

Ñwalani nomboro dzoṯhe dzi re kha vhulungu ha pinki.
Ni vhidza mini nomboro dzi re kha vhulungu ha pinki dzi pfi mini?



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



Fhindulani mbudziso dzi tevhelaho.

Ñwalani nomboro tharu dza ivini dzine dza tevhela 12? _____

Ñwalani nomboro tharu dza odo dzine dza tevhela 14? _____

Ndi nomboro dzifhio dza odo dzine dza ḡa vhukati ha 18 na 24? _____

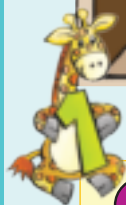
Ñwalani nomboro dza ivini dzi re vhukati ha 8 na 18? _____



Teacher:
Sign:
Date:

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 tshelaho.

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



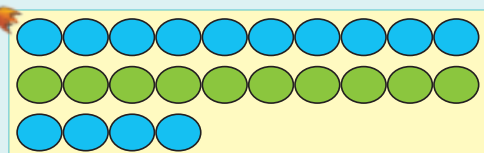
Lavhelesani kha tsumbo ya u thoma ni fhedzise dziŋwe dzoṭhe.



18	= fumi la	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		=		+	



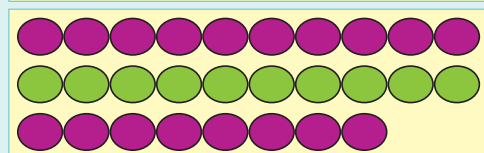
Ndi vhulungu vhungana he na vhala?



Nomboro

Ri nga i ŋwala sa:

$$20 + \square = 24$$



Nomboro

Ri nga i ŋwala sa:

$$20 + \square = 28$$



Ŋwalani nga maipfi.

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



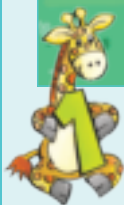
Lavhelesani tsumbo ya u thoma ni fhedzise mbalo dzo salaho.

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

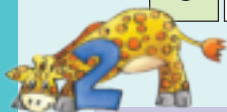
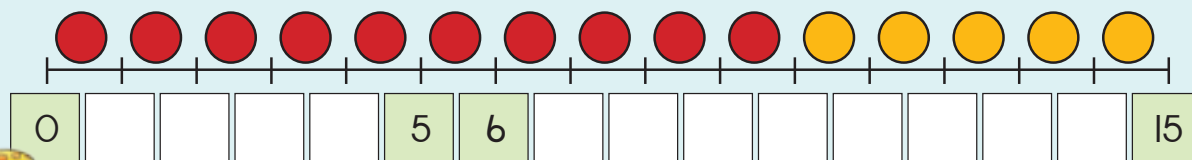
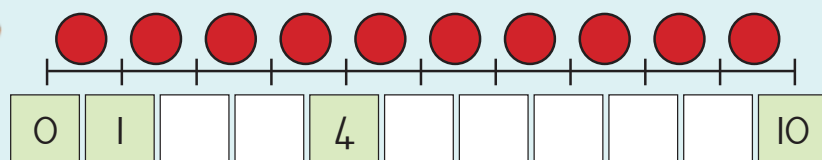


Teacher:
Sign:
Date:

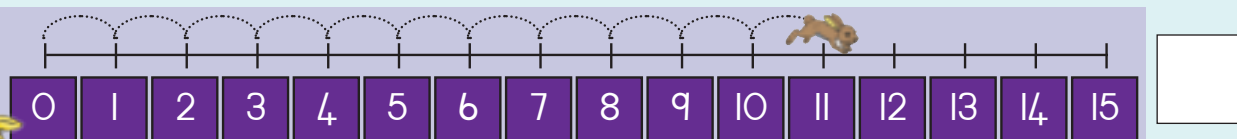
Mitalombalo



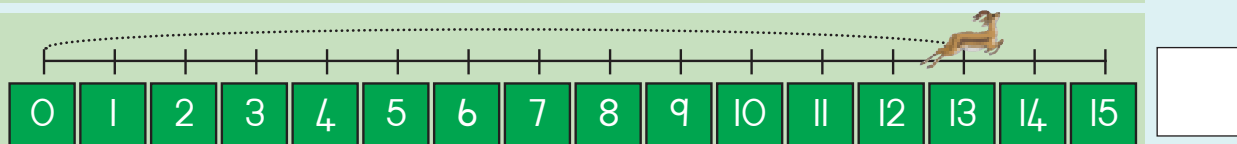
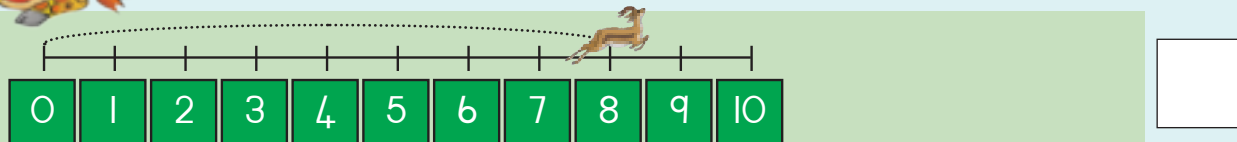
Dzhenisani nomboro dzo tshelaho.

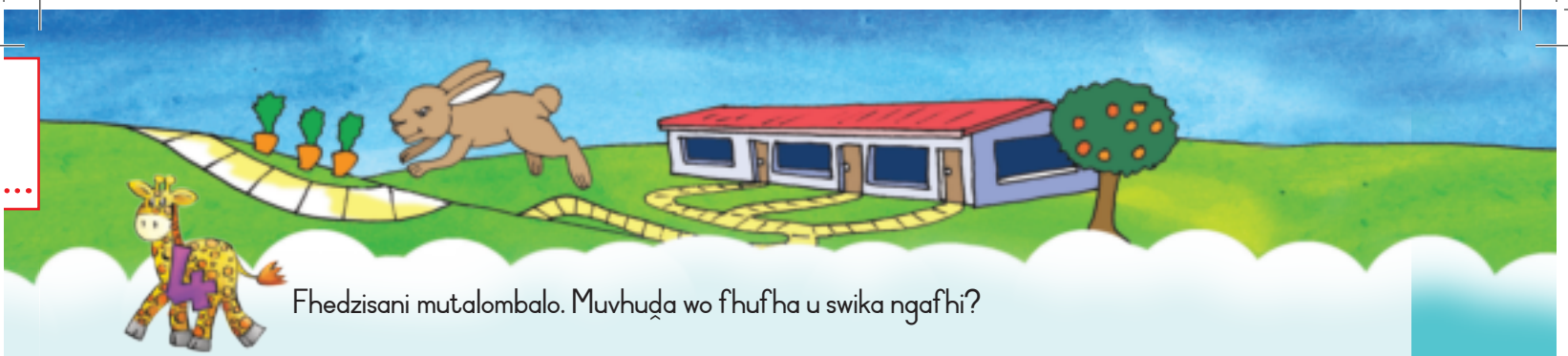


Muvhuda wo fhufha u swika ngafhi? Shumisani mutalombalo kha u wana phinduho.

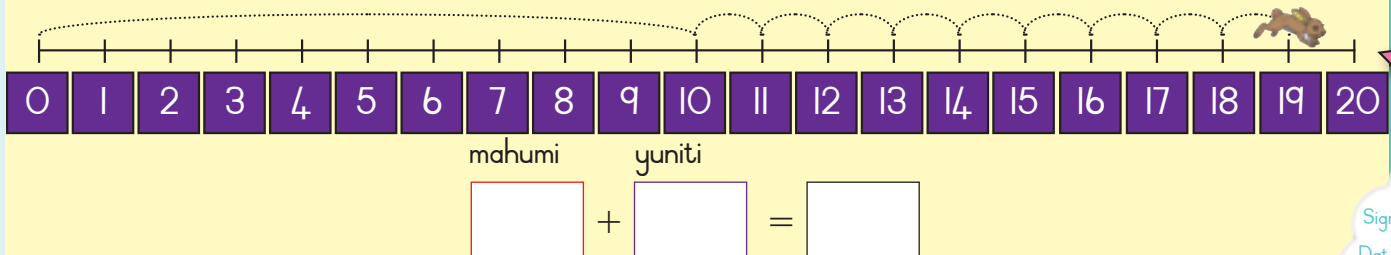
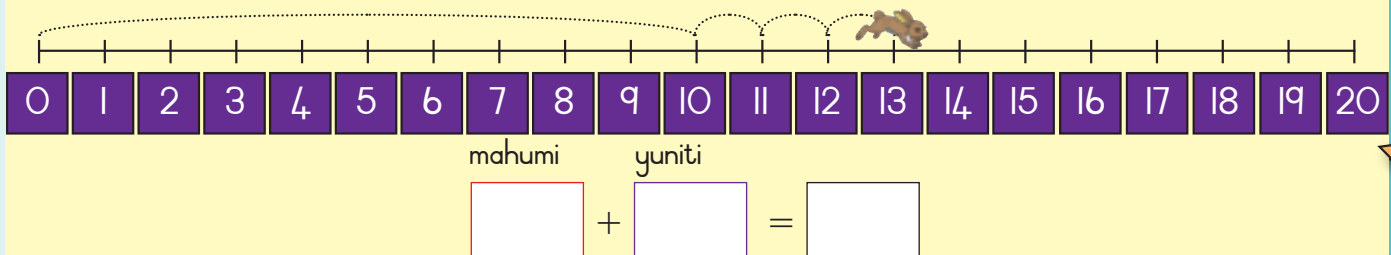
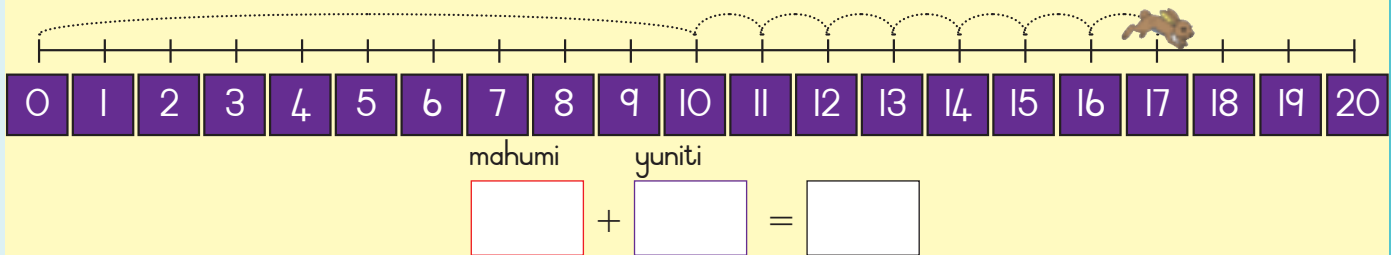
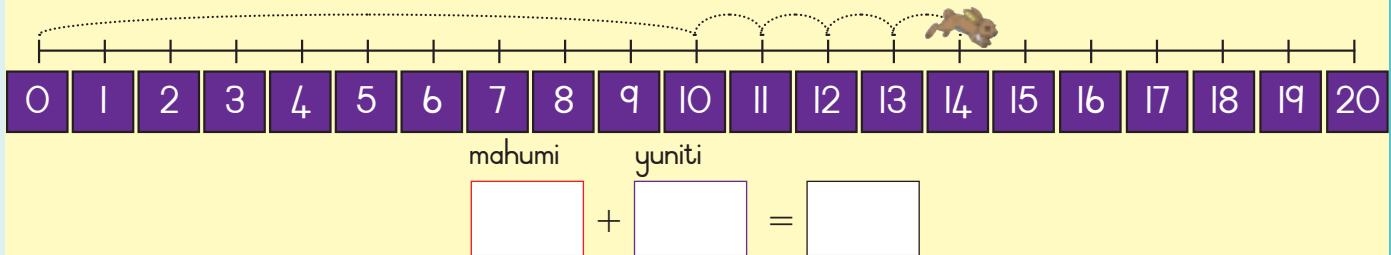
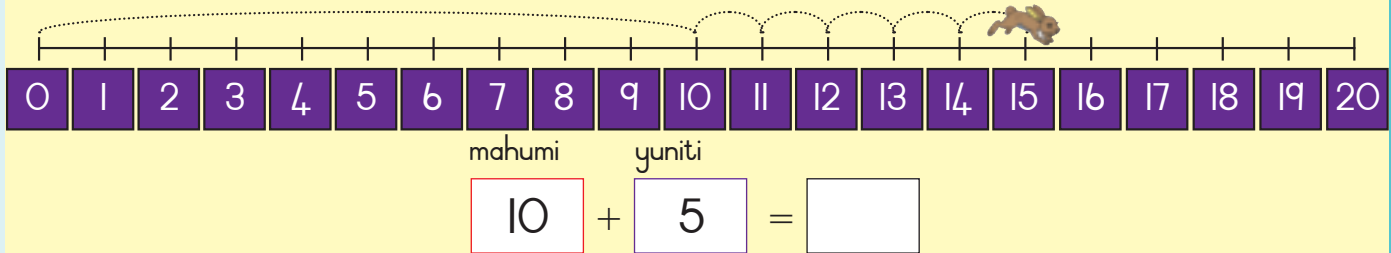


Phala yo fhufha u swika ngafhi? Shumisani mutalombalo kha u wana phinduho.



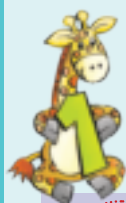
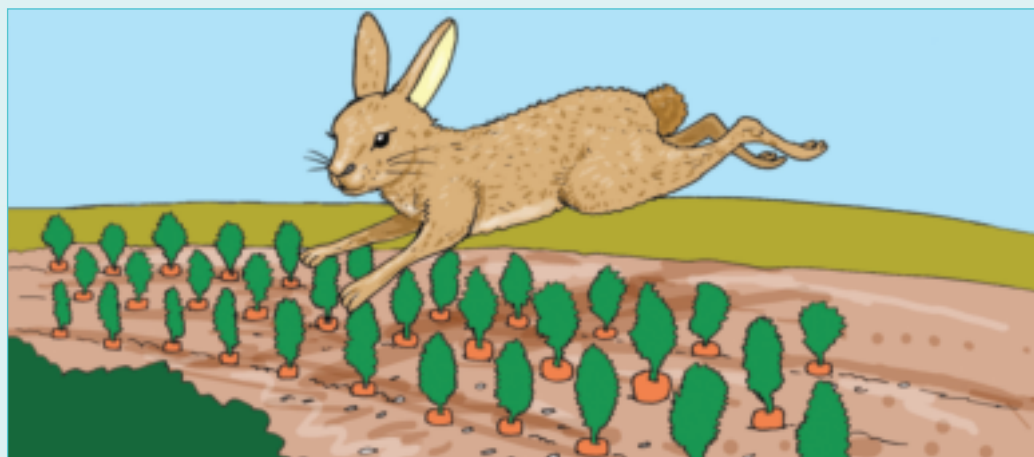


Fhedzisani mutalombalo. Muvhuga wo fhufha u swika ngafhi?



Teacher:
Sign:
Date:

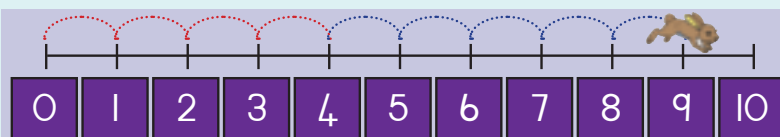
Mitalombalo minwe



Shumisani mutalombalo uri u ni thuse kha u wana phindulo.



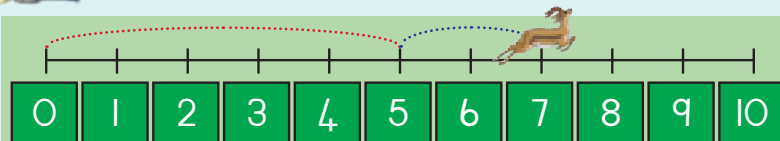
$$2 + 3 = 5$$



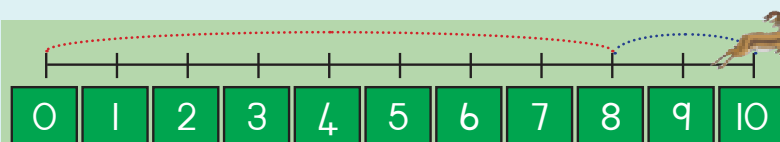
$$\square + \square = \square$$



Thusani phala u n'wala mbalo.
Shumisani mutalombalo uri u ni thuse kha u wana phindulo.



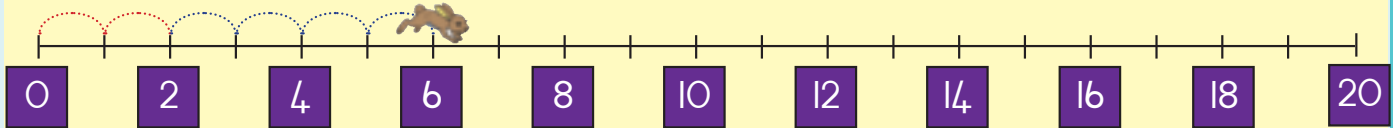
$$\square + \square = \square$$



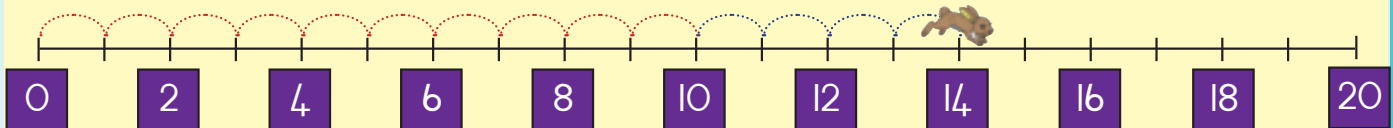
$$\square + \square = \square$$



Thusani muvhuda u riwala mbalo.



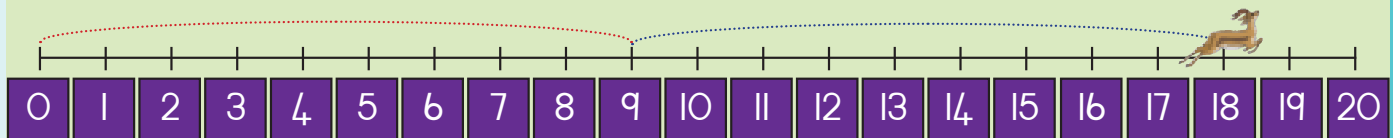
$$\boxed{} + \boxed{} = \boxed{}$$



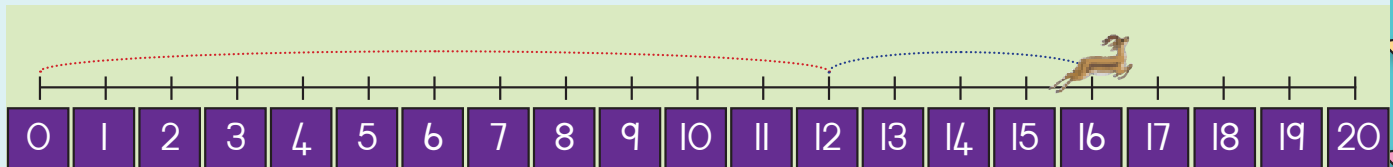
$$\boxed{} + \boxed{} = \boxed{}$$



Thusani phala u riwala mbalo.



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

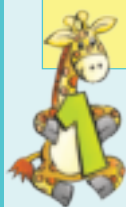


$$\boxed{} + \boxed{} = \boxed{}$$



Teacher:
Sign:
Date:

Mutanganyo na mutuso



Nwalani 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 phephulu vhungana vhu re hone?

Vhulungu hothe
ho tangana ndi
vhungana?



Nwalani tshivhalo tsha malungu a muvhala muñwe na muñwe zwibogisini zwone ni a tanganye.

vhutswuku

+

vhudala

=

ha txada

+

ha pinki

=

ha
tshitopana

+

ha lutombo

=

ha phephulu

+

vhudala

=

ha buraweni

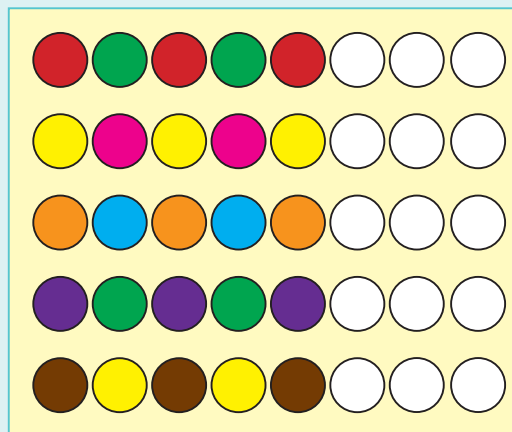
+

ha txada

=



Fhedzisani phetheni.





Shumisani vhulungu kha u dadza zwibogisi.

$$\begin{array}{c} \text{8 red circles} + \text{7 blue circles} = \boxed{15} \\ \boxed{8} + \boxed{7} = \end{array}$$

$$\begin{array}{c} \text{8 red circles} + \text{2 blue circles} + \text{5 blue circles} = \boxed{} \\ \boxed{8} + \boxed{2} + \boxed{5} = \end{array}$$

$$\begin{array}{c} \text{9 red circles} + \text{6 blue circles} = \boxed{} \\ \boxed{9} + \boxed{6} = \end{array}$$

$$\begin{array}{c} \text{9 red circles} + \text{1 blue circle} + \text{5 blue circles} = \boxed{} \\ \boxed{9} + \boxed{} + \boxed{} = \end{array}$$



Livhanyani tshifanyiso na mbalo ni nee phindulo.

	$7 - 5 = \boxed{}$
	$9 - 4 = \boxed{}$
	$8 - 3 = \boxed{}$
	$5 - 4 = \boxed{}$
	$6 - 2 = \boxed{}$



Shumani mbalo.

$$\begin{array}{c} \text{9 yellow circles, 6 crossed out} \\ \boxed{9} - \boxed{6} = \boxed{3} \end{array}$$

$$\begin{array}{c} \text{7 green circles, 4 crossed out} \\ \boxed{} - \boxed{} = \boxed{} \end{array}$$

$$\begin{array}{c} \text{8 pink circles, 2 crossed out} \\ \boxed{} - \boxed{} = \boxed{} \end{array}$$

$$\begin{array}{c} \text{6 blue circles, 3 crossed out} \\ \boxed{} - \boxed{} = \boxed{} \end{array}$$



Teacher:
Sign:
Date:

Maḍuvha, vhege na miṇwedzi

Deithi:

Musumbuluwo	Phando	Luhuhi	Ṭhafamuhwe
Ḳavhuvhili	Lambamai	Shundunthule	Fulwi
Ḳavhuraru	Fulwana	Ṭhangule	Khubvumedzi
Ḳavhuna	Tshimedzi	Ḳara	Nyendavhusiku
Ḳavhutḱanu			
Mugivhela			
Swondaha			

Fhindulani mbudziso dzi tevhelaho dzi no kwa maḍuvha a vhege.

Ndi ḍuvha lifhio li no rangela Ḳavhuraru? _____

Ndi ḍuvha lifhio li no rangela Ḳavhuraru? _____

Ndi ḍuvha lifhio li no tevhela Mugivhela? _____

Ndi ḍuvha lifhio li re vhukati ha Musumbuluwo na Ḳavhuraru? _____

Arali Musumbuluwo hu ḍuvha la u thoma, izwo Ḳavhutḱanu ndi ḍuvha la _____

Ndi maḍuvha afhio a ḡaho vhukati ha Ḳavhuraru na Mugivhela? _____

Fhindulani mbudziso dzi tevhelaho dzi no kwama miṇwedzi.

Ndi ṇwedzi ufhio u no rangela Lambamai? _____

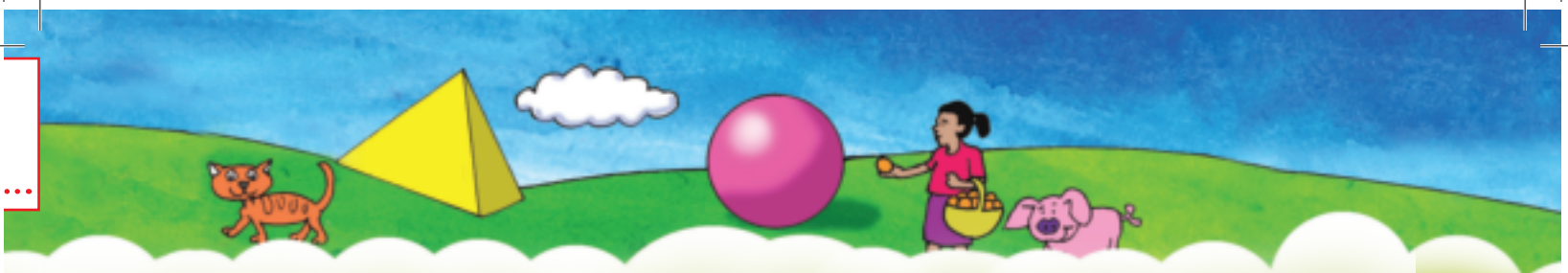
Ndi ṇwedzi ufhio u no tevhela Fulwi? _____

Ndi ṇwedzi ufhio u no ḡa vhukati ha Ṭhangule na Tshimedzi? _____

Ndi miṇwedzi ifhio i no ḡa vhukati ha Phando na Fulwi? _____

Ndi ṇwedzi ufhio une wa vha wa u thoma kha ṇwaha? _____

Ndi ṇwedzi ufhio une wa vha wa u fhedzisela kha ṇwaha? _____



Vhurereli Afrika
Tshipembe



Zwiwo zwa divhazwakale
Duvha la Pfanelo dza Vhathu
Duvha la Mbof holowo
Duvha la Vhashumi
Duvha la Vhaswa
Duvha la Vhafumakadzi la
Lushaka
Duvha la Vhufa
Duvha la Vhupfumedzani

Duvha la mabebo
Duvha la mabebo langa



Tshigeriwa 2: Shumisani zwigeriwa ni zwi nambatedze kha holodei tharu dza vhurereli na kha holodei dzotlhe dza phabuliki dza Afrika Tshipembe dzi re kha khalenda.

Phando	Luhuhi	Thafamuhwe
Lambamai	Shundunthule	Fulwi
Fulwana	Thangule	Khubvumedzi
Tshimedzi	Lara	Nyendavhusiku



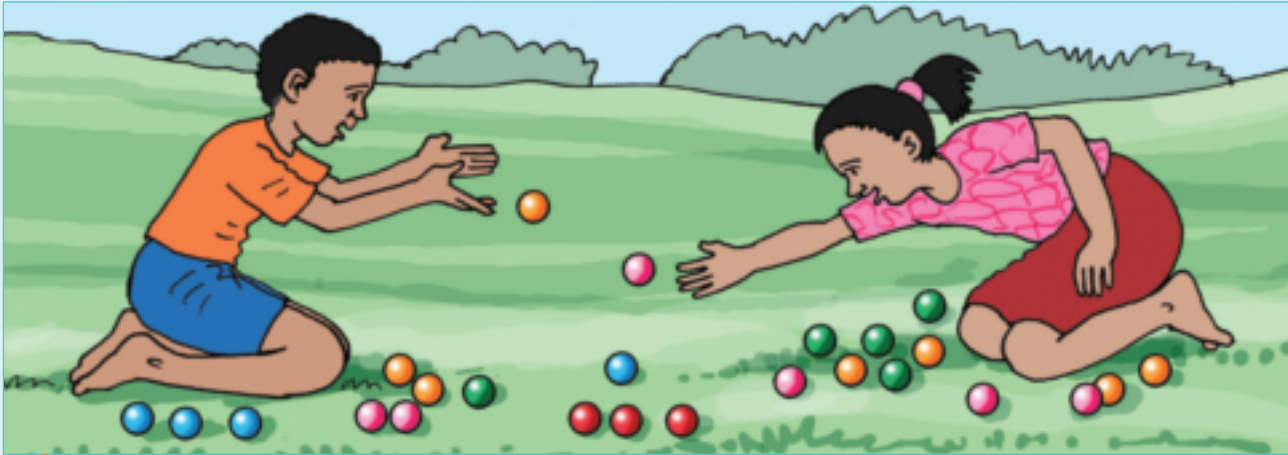
Teacher:
Sign:
Date:

23a

Themo ya I

Mutanganyo

Deithi:



Lavhelesani tshifanyiso ni n'wale tshivhalo tsha mimavhulu ya muvhala muñwe na muñwe zwibogisini zwone ni a tanganyo.



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

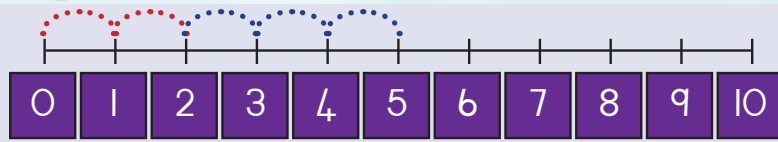


Tanganyani.

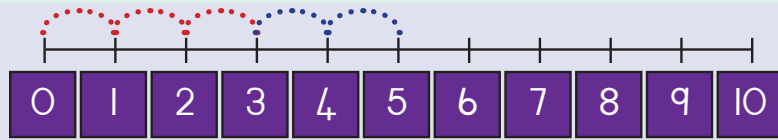
$3 + 2 =$	$4 + 6 =$	$9 + 3 =$
$6 + 5 =$	$7 + 8 =$	$8 + 4 =$
$9 + 5 =$	$8 + 6 =$	$7 + 4 =$
$9 + 9 =$	$7 + 5 =$	$8 + 8 =$
$7 + 6 =$	$9 + 6 =$	$7 + 7 =$



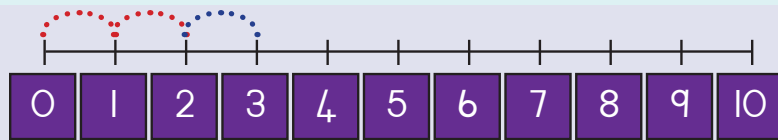
Nwalani tshanganyelo ya:



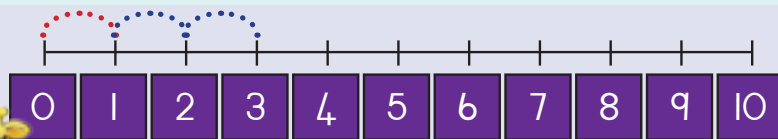
$$2 + 3 = 5$$



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



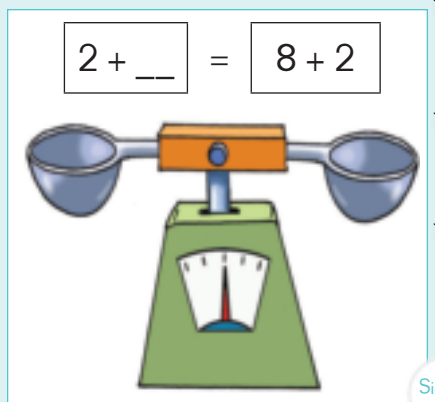
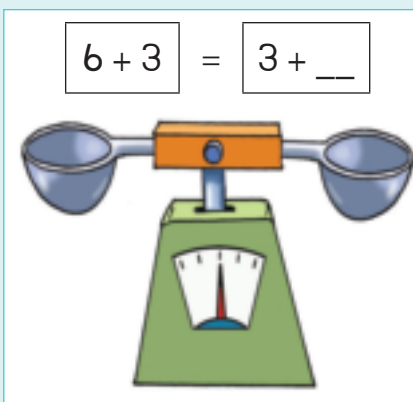
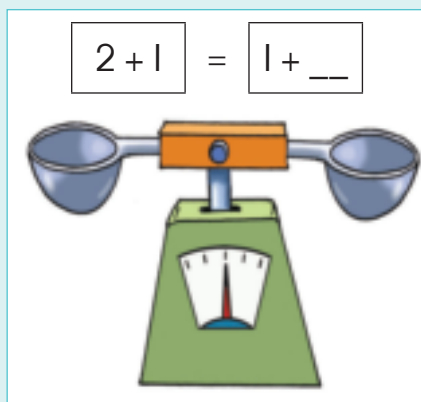
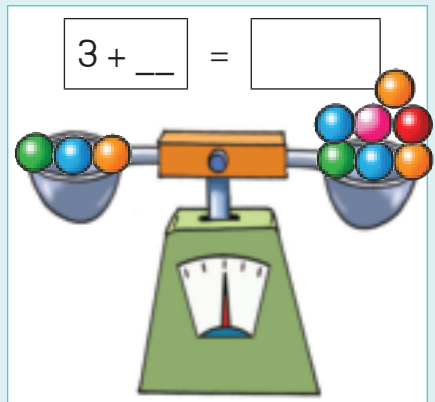
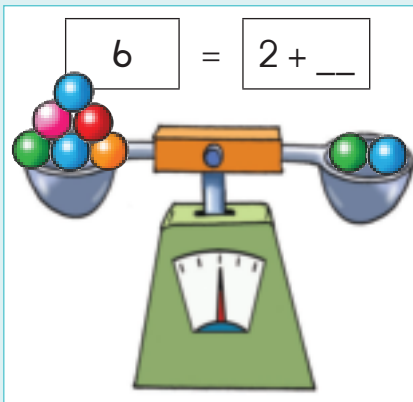
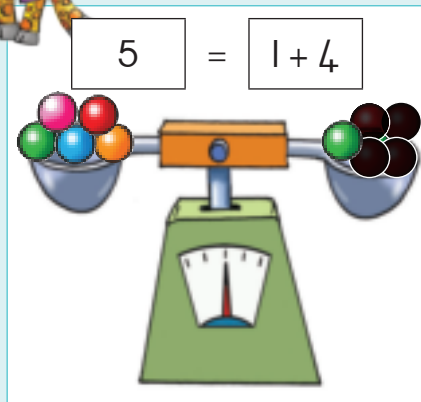
$$\square + \square = \square$$



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



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



Teacher:
Sign:
Date:

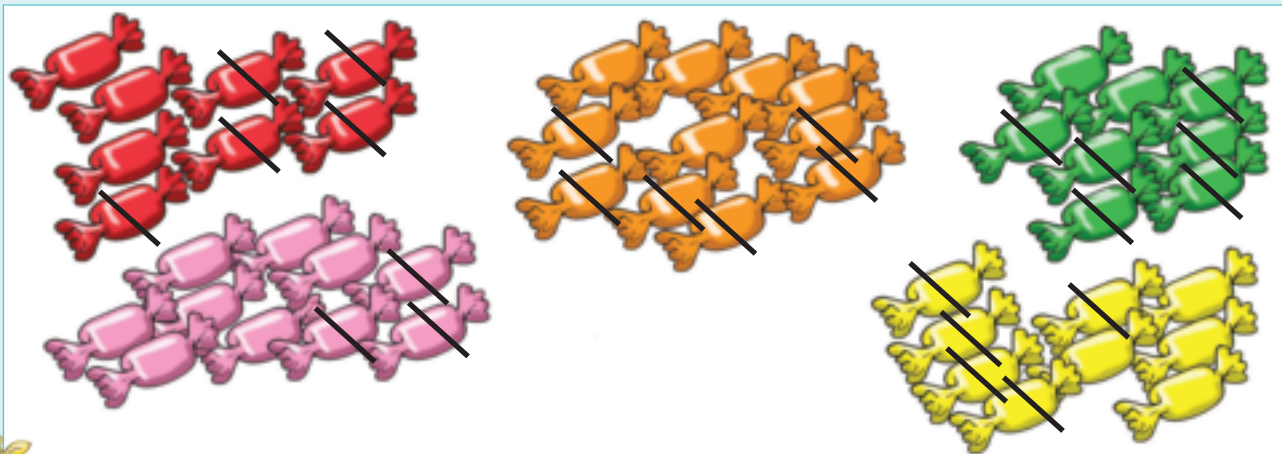
23b

Themo ya I



Deithi:

Muṭuso



Lavhelesani tshifanyiso ni ṅwale mbalo dza u ṭusa.

malegere matswuku

= 8

-

5

=

3

malegere madala

=

-

=

malegere a ṭada

=

-

=

malegere a tshitopana

=

-

=

malegere a pinki

=

-

=



Ra ṭusa.

$$5 - 3 = \square$$

$$10 - 6 = \square$$

$$12 - 3 = \square$$

$$11 - 5 = \square$$

$$15 - 7 = \square$$

$$12 - 4 = \square$$

$$14 - 9 = \square$$

$$14 - 8 = \square$$

$$11 - 4 = \square$$

$$18 - 9 = \square$$

$$12 - 5 = \square$$

$$16 - 8 = \square$$

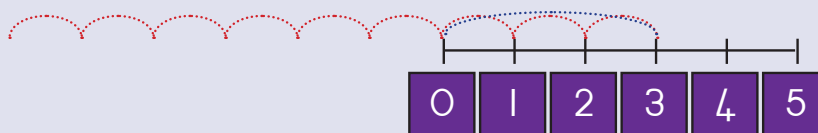
$$13 - 7 = \square$$

$$15 - 6 = \square$$

$$14 - 7 = \square$$



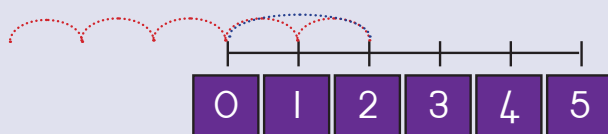
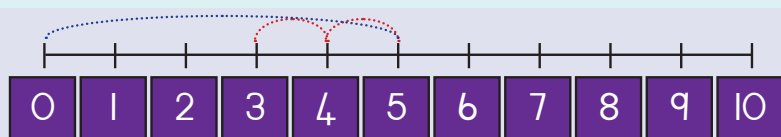
Fhedzisani.



$$9 - 3$$

A zwi lingani na

$$3 - 9$$



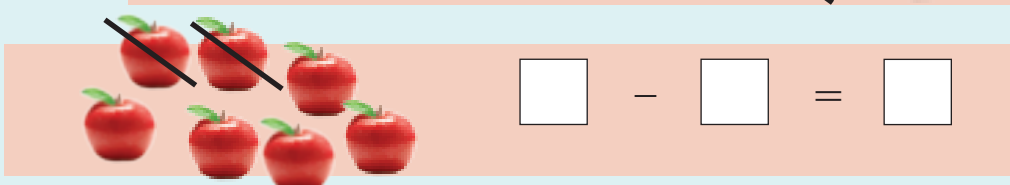
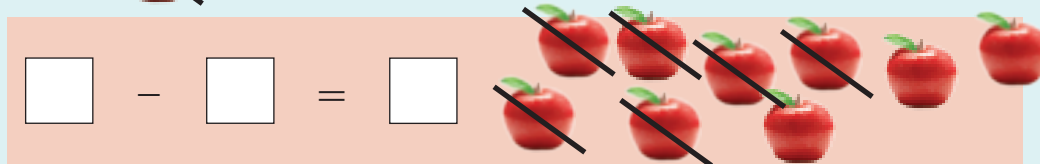
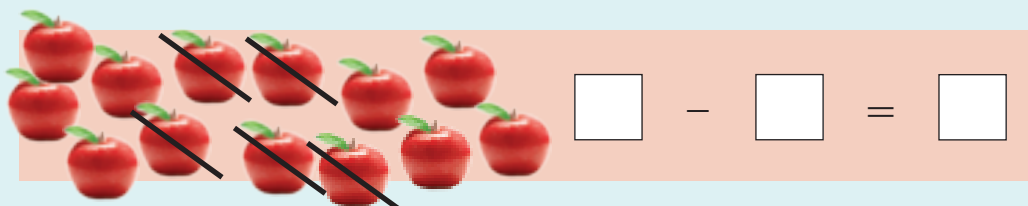
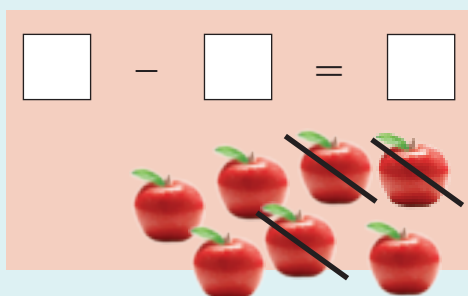
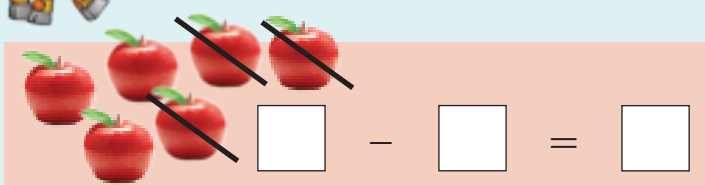
$$5 - 2$$

A zwi lingani na

$$2 - 5$$



Nwalani mbalo ya:



Zwi ya phanda
kha siatari
li tevhelaho.

Teacher:
Sign:
Date:



Deithi:

Mutanganyo muniwe hafhu



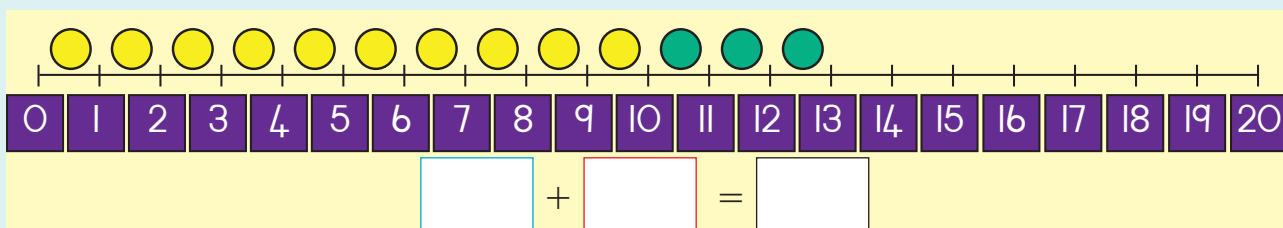
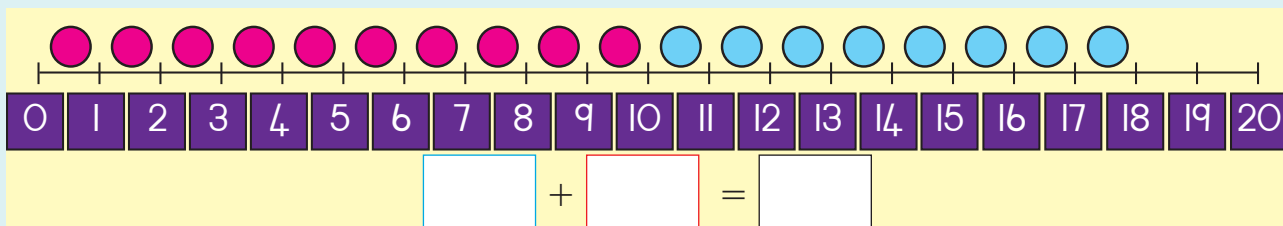
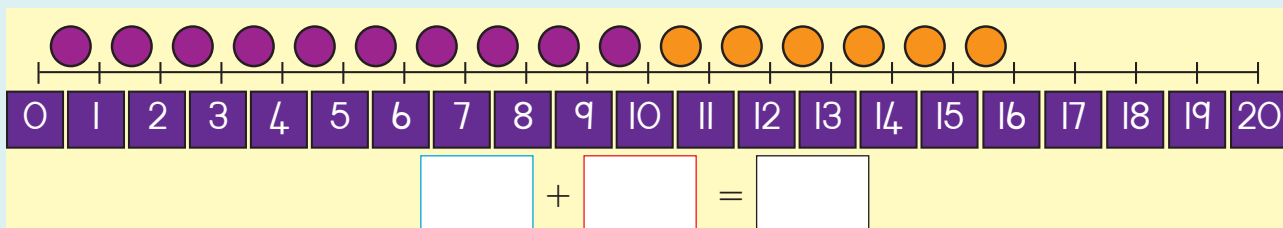
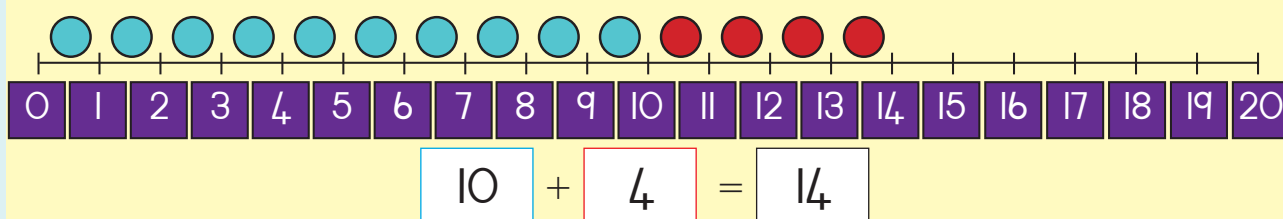
Tanganyani nomboro dzi re tshibulokoni tshirwe na tshirwe ni riwale tchanganyelo.

2	8	7	5	3
10	10	10	10	10

--	--	--	--	--



Shumisani mutalombalo. Nwalani mbalo ya mutanganyo. Ro dzula ro ni itela ya u thoma.





Tanganyani.

10	+	3	=	13
10	+	5	=	
10	+	1	=	
10	+	4	=	
10	+	9	=	

10	+	2	=	
10	+	7	=	
10	+	6	=	
10	+	8	=	
10	+	3	=	



Tanganyani.

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

14 + 12				
10		10		
4	+	2	=	
	+		=	

17 + 11				
10		10		
7	+	1	=	
	+		=	

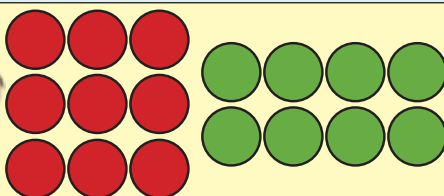
15 + 13				
10		10		
5	+	3	=	
	+		=	

16 + 12				
10		10		
6	+	2	=	
	+		=	

18 + 12				
10		10		
8	+	2	=	
	+		=	



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



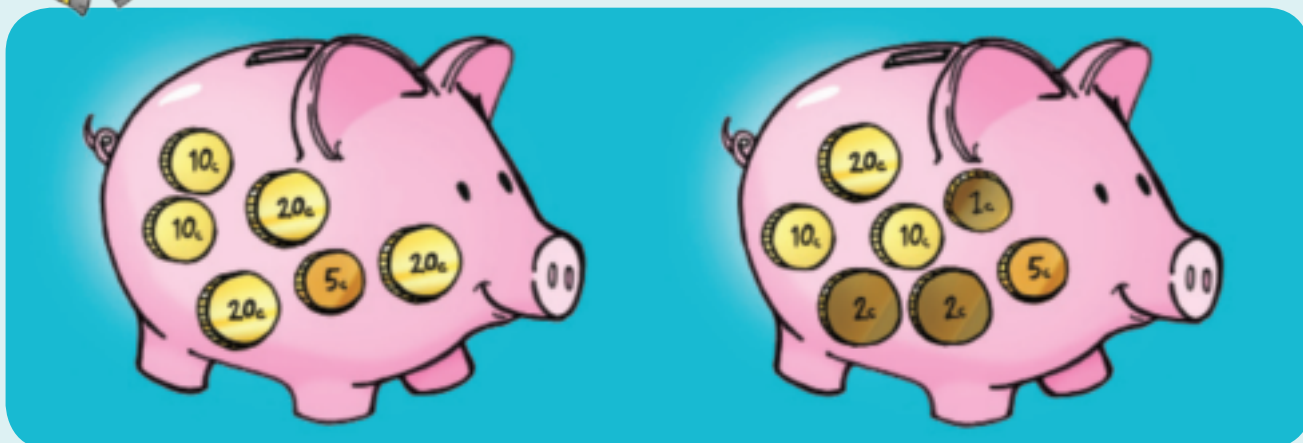
Thanganyelo ndi vhugai?

Teacher:
Sign:
Date:



Ndo vhulunga vhugai?

Tshelede

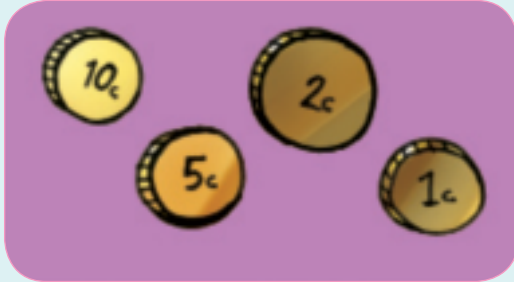


Gerani khoini kha Tshigeriwa tsha 3 ni nambatedze tshivhalo tsho teaho hafha.

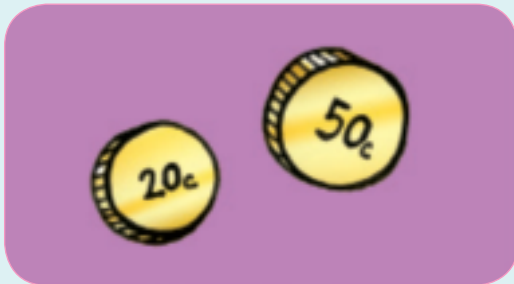




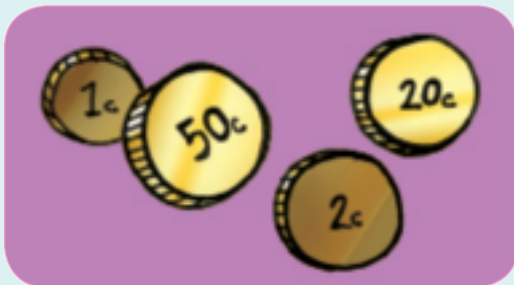
Ndi masenthe mangana?















Mbalo dza maipfi.

Suzy u na 50c. mme awe vha mu fha 20c inwe hafhu. Suzy u na vhugai yo tangana yothhe?

Ndi na 170c. Ndo renga legere la 100c. Ndo salelwa nga vhugai?

Olani tshifanyiso tshi no sumbedza phindulo yanu.

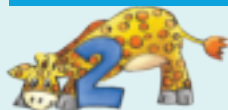
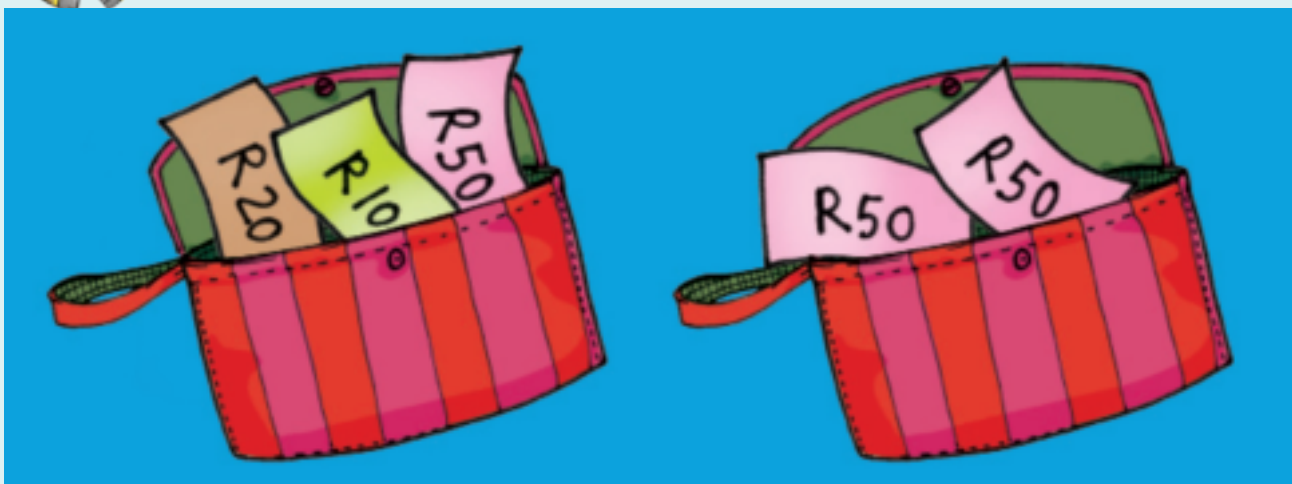


Teacher:
Sign:
Date:



Tshelede dzinoutu (ya bammbiri)

Ndi na vhugai pheseni yanga?



Gerani khoini kha Tshigeriwa tsha 3 ni nambatedze mitengo yo teaho hafha.



Hu na rannda nngana dzo t̃angana dzo t̃he?















Mbalo dza maipfi.

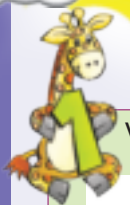
Ndo vhulunga R50. Nda fhiwa R20 nga d̃uvha l̃anga l̃a mabebo. Ndi na vhugai?

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

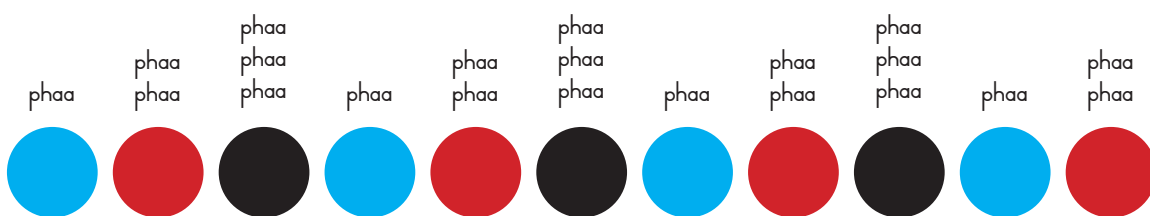


Teacher:
Sign:
Date:

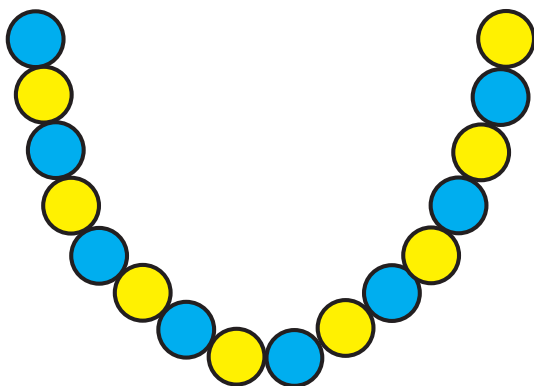
Phetheni



Vhandelani phetheni.



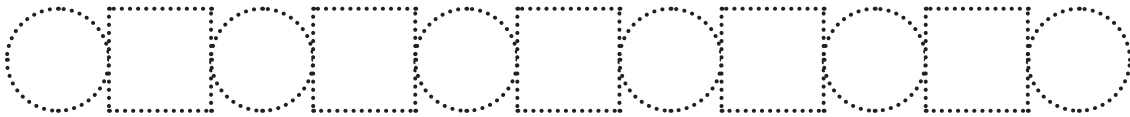
Kopani phetheni. Shumisani Tshigeriwa 4.



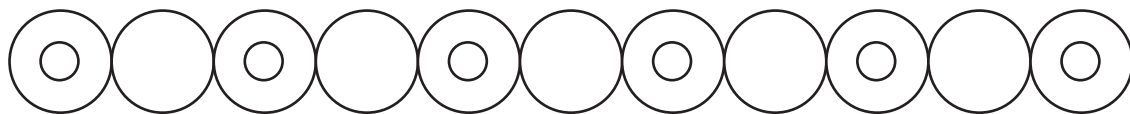
Itani tshifanyiso tshanu inwi mune tshi no bva kha vhulungu ho salaho.
Shumisani Tshigeriwa 4.



Kopani phetheni dzi tevhelaho.



Kopani phetheni.

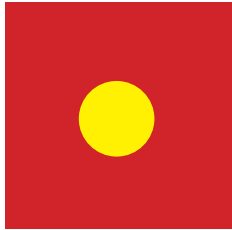


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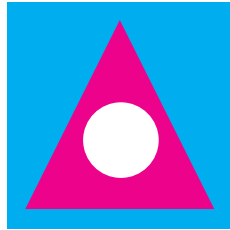
Phetheni dzinwe hafhu



Talutshedzani phetheni inwe na inwe nga maipfi. Maipfi aya a re afho fhasi a nga ni thusa.



rekithiengele



tshikwea

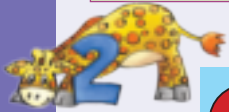


thiraiengele

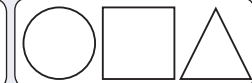


tshitengeledzi

mivhala



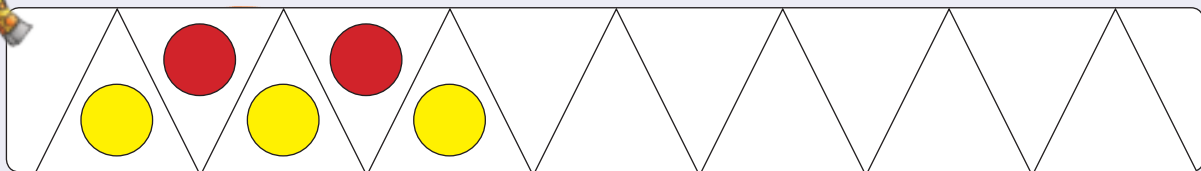
Nangani ni khalare phetheni i no tevhela.



Olani phetheni i tevhelaho.

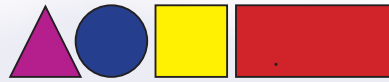


Tharamudzani phetheni.

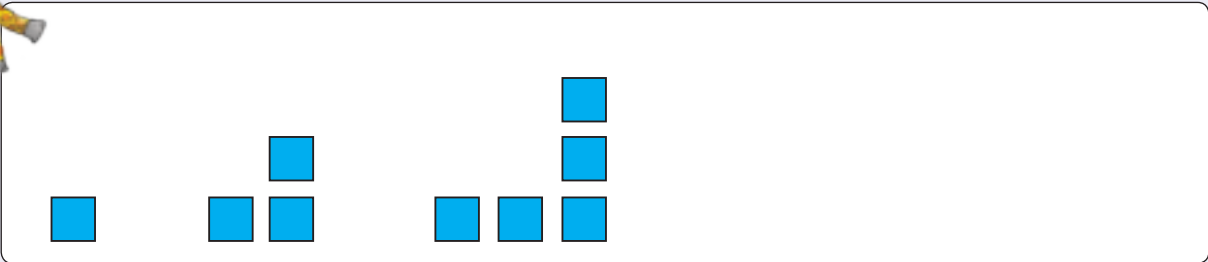




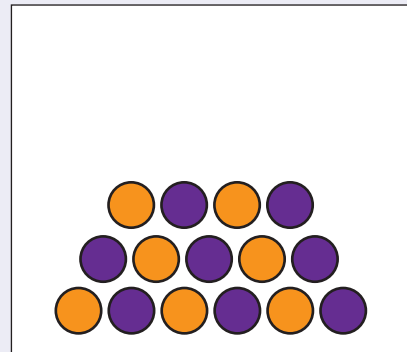
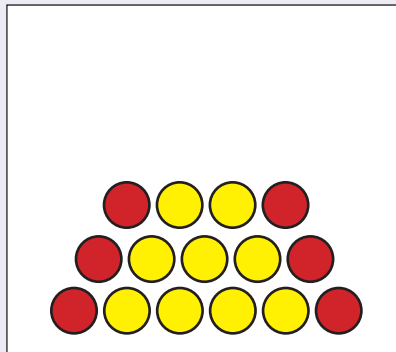
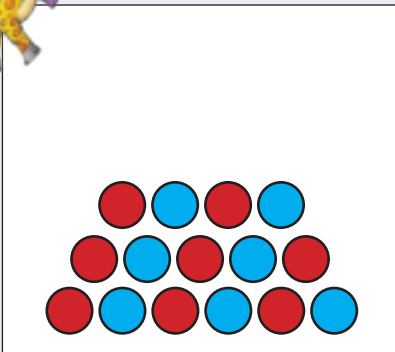
Olani phetheni dza inwi muṅe ni tshi shumisa.



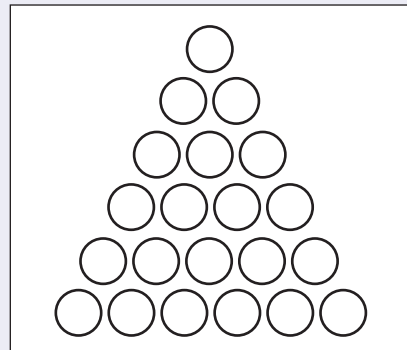
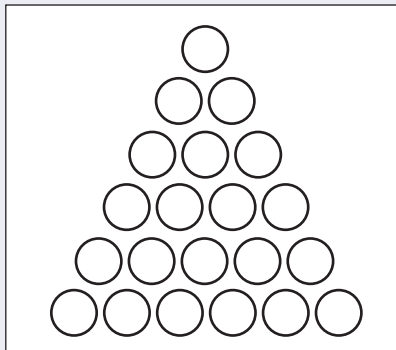
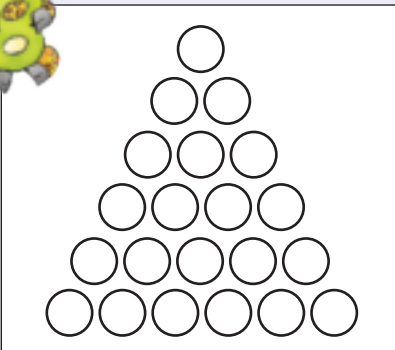
Olani phetheni i tevhelaho.



Fhedzisani zwi tevhelaho uri ni vhe na tshitendeledzi tshithihi nṱha.



Sikani phetheni dza mivhala dza inwi muṅe ni tshi khou shumisa zwivhumbeo zwi re af'ho f'hasi.



Teacher:
Sign:
Date:

Muandiso: $\times 2$

Hu na malegere mangana kha tafula inwe na inwe?



No vhalisa hani malegere
(Vhanwe vhana vha nga ri 1, 2, 3...
Vhanwe vha nga ri 2, 4, 6...)



Fhedzisani zwi tevhelaho.



zwigwada zwa 4 zwa 2

$$2 + 2 + 2 + 2 = 8$$

$$4 \times 2 = 8$$



zwigwada zwa 5 zwa 2

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

$$5 \times 2 =$$



zwigwada zwa 6 zwa 2

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

$$6 \times 2 =$$



zwigwada zwa 7 zwa 2

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

$$7 \times 2 =$$



zwigwada zwa 8 zwa 2

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

$$8 \times 2 =$$



Itani nyolo ya zwi tevhelaho.

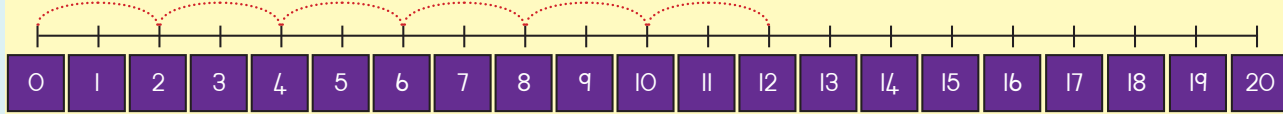
zwigwada zwa 3 zwa 2

zwigwada zwa 4 zwa 2

zwigwada zwa 9 zwa 2



Itani nyolo ya zwi tevhelaho ni n'wale phindulo af'ho f'hasi.



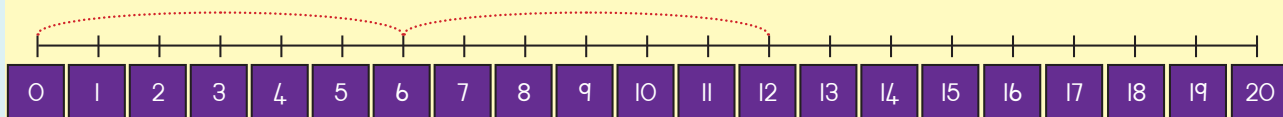
2, 4, 6, 8, ____, ____

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

$$\text{zwigwada zwa } 6 \text{ zwa } 2 = \boxed{}$$

$$6 \times 2 = \boxed{}$$

Nyolo



6, ____

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

$$\text{zwigwada zwa } 2 \text{ zwa } \boxed{} = \boxed{}$$

$$2 \times \boxed{} = \boxed{}$$

Nyolo



Buvhi lithihi li na maṭo a 2. Ndi maṭo mangana ane mabuvhi a 7 a vha nao?



2 4 6 8 10 12 14

16 18 20 22 24 26

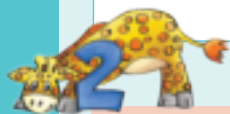
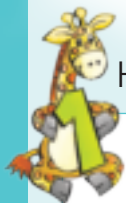


Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Muandiso: $\times 5$

Hu na mategere mangana kha tafula inwe na inwe?



Fhedzisani zwi tevhelaho.



zwigwada zwa 3 zwa 5

$$5 + 5 + 5 = 15$$

$$3 \times 5 = 15$$



zwigwada zwa 2 zwa 5

$$5 + 5 =$$

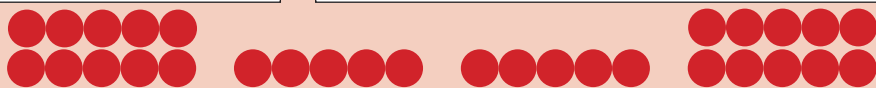
$$2 \times 5 =$$



zwigwada zwa 4 zwa 5

$$5 + 5 + 5 + 5 =$$

$$4 \times 5 =$$



zwigwada zwa 6 zwa 5

$$5 + 5 + 5 + 5 + 5 + 5 =$$

$$6 \times 5 =$$



zwigwada zwa 7 zwa 5

$$5 + 5 + 5 + 5 + 5 + 5 + 5 =$$

$$7 \times 5 =$$



Itani nyolo ya zwi tevhelaho.

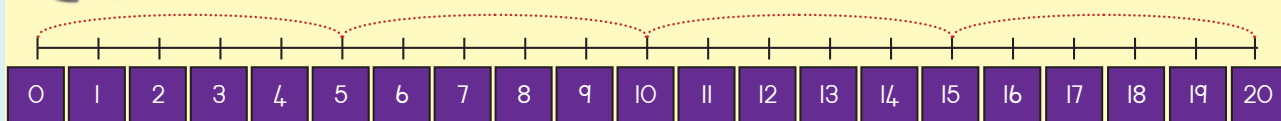
zwigwada zwa 3 zwa 5

zwigwada zwa 4 zwa 5

zwigwada zwa 5 zwa 5



Itani nyolo ya zwi tevhelaho ni n'wale phindulo af'ho f'hasi.



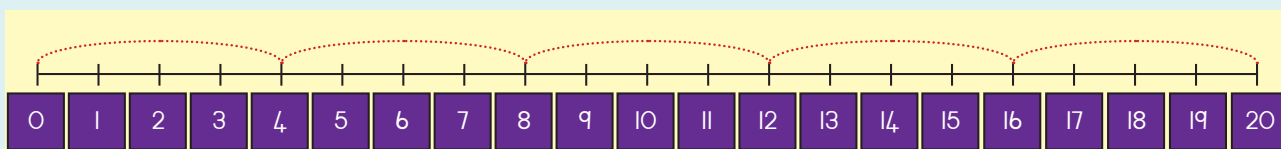
5, 10, 15, ____

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

$$\text{zwigwada zwa } 4 \text{ zwa } 5 = \boxed{}$$

$$4 \times 5 = \boxed{}$$

Nyolo



4, 8, 12, ____, ____

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

$$\text{zwigwada zwa } 5 \text{ zwa } 4 = \boxed{}$$

$$5 \times 4 = \boxed{}$$

Nyolo



5 10 15 20 25 30

35 40 45 50



Teacher:
Sign:
Date:



Zwiṭori zwa muandiso

Itani nganetshelo yaṅu inwi muṅe ni tshi khou shumisa tshivhalo tshothe tsha ndevhe, zwanda na nayo.



Ri khonani dza IO. Ndi zwanda zwingana zwine ra vha nazwo?

Sumbedzani nga zwivhaleli.

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

$\square + \square = \square$

$\square \times \square = \square$

Deithi:

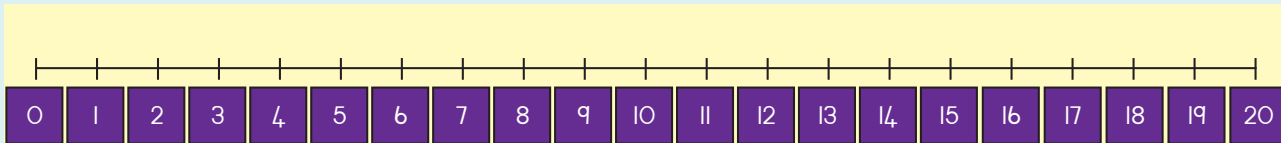


Muṭa wa Susan u na phere dza IO dza zwienda. Vha na zwienda zwingana?

Olani

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.



+

=

×

=

Nwalani nganetshelo yaṅu inwi mune ni tshi shumisa vhana vha 6 na zwanda zwavho.



5 10 15 20 25 30 35



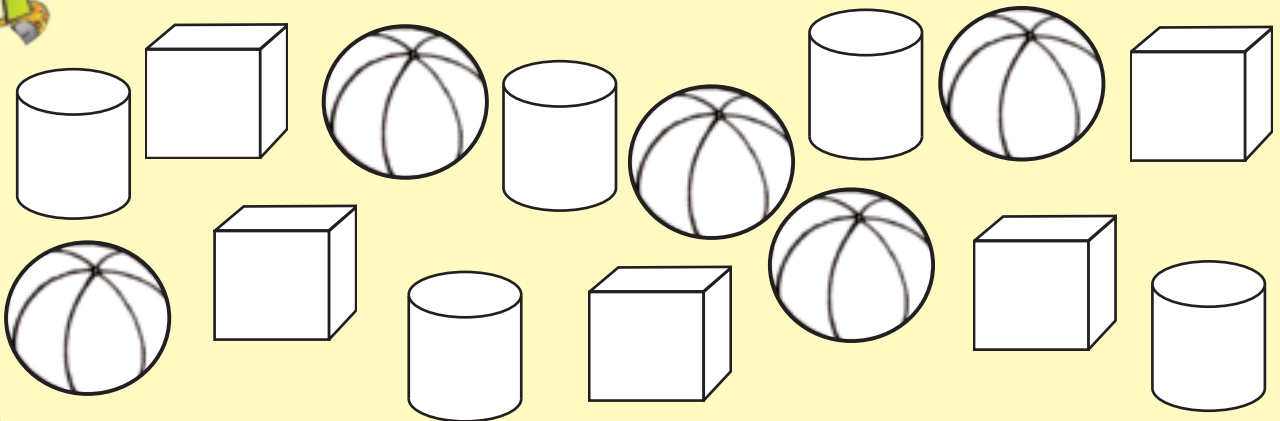
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Zwithu zwa siararu (3-D)



Khalarani nga muvhala mutswuku bola dzothe, wa lutombo kha zwibogisi na mudala kha dzisilinda.

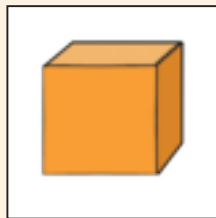


Nangani ipfi lone.



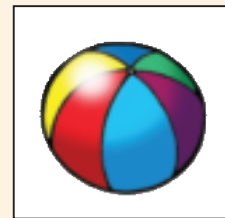
matungo a tswititi

matungo a kheve



matungo a tswititi

matungo a kheve



matungo a tswititi

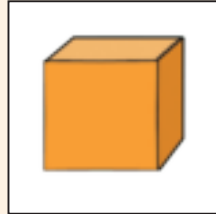
matungo a kheve



Ambani arali tshithu tshi tshi do kunguluwa kana u suvha.



suvha
kunguluwa



suvha
kunguluwa



suvha
kunguluwa



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

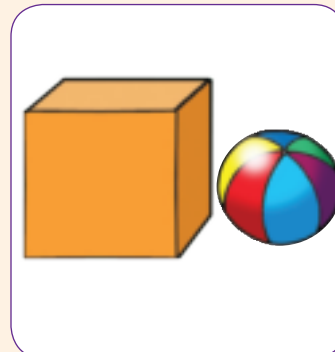


Bola i ngafhi? I nga phanda ha bogisi? Nga matungo? Nga murahu? Nga ntsha?



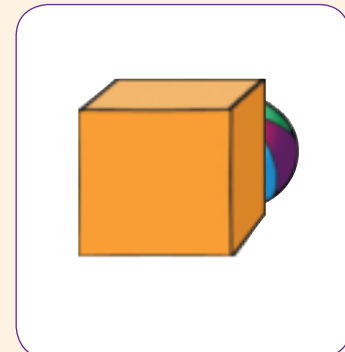
nga phanda ha _____ nga
matungo a _____

nga murahu ha _____ ntsha
ha _____



nga phanda ha _____ nga
matungo a _____

nga murahu ha _____ ntsha
ha _____



nga phanda ha _____ nga
matungo a _____

nga murahu ha _____ ntsha
ha _____

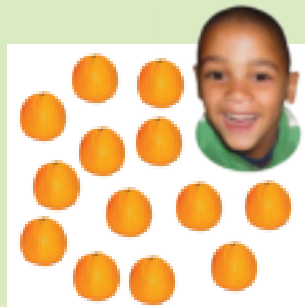


Teacher:
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Date:

Vhekanyani nomboro ni dzi vhambedze: 1 – 40



Ndi nnyi a re na maswiri manzhi?



Ndi nnyi a re na maapula manzhi?



Vhalani vhulungu ni dadze zwibogisi zwi si na tshithu.



1	2	3	4	5		7			10
---	---	---	---	---	--	---	--	--	----



	12				16		18		
--	----	--	--	--	----	--	----	--	--



21				25	26				30
----	--	--	--	----	----	--	--	--	----



31					36				40
----	--	--	--	--	----	--	--	--	----



Lavhelesani vhulungu ni f'hindule mbudziso.

Ndi nomboro ifhio i re tshukhu kha 8?

Ndi nomboro ifhio i re khulwane kha 13?

Ndi nomboro ifhio i re tshukhu kha 20?

Ndi nomboro ifhio i re tshukhu kha 24?



Khalarani nga muvhala wa lutombo nomboro dzi re ṭhukhu 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

Khalarani nga muvhala wa lutombo nomboro dzine dza vha ṭhukhu kha 30 na u vha khulwane kha 24.

20	21	22	23	24	25	26	27	28	29	30
----	----	----	----	----	----	----	----	----	----	----

Khalarani nga muvhala wa lutombo nomboro dzine dza vha ṭhukhu kha 40 na na nga wa ṭaga dzine dza vha khulwane kha 36.

30	31	32	33	34	35	36	37	38	39	40
----	----	----	----	----	----	----	----	----	----	----

Khalarani nga muvhala wa ṭaga 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 ifhio ya odo i no tevhela 10?

Ndi nomboro ifhio ya ivini i no tevhela 10?

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

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

Ndi nomboro ifhio ya odo dzi no tevhela 21?

Ndi nomboro ifhio ya ivini dzi tevhela 24?

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

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



Teacher:
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Date:

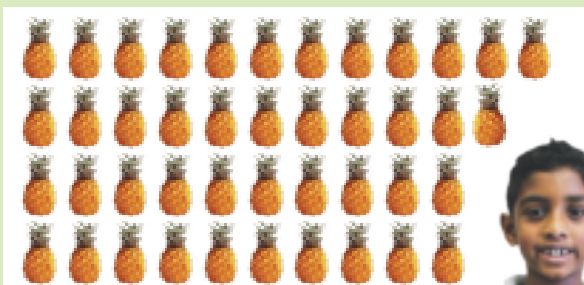
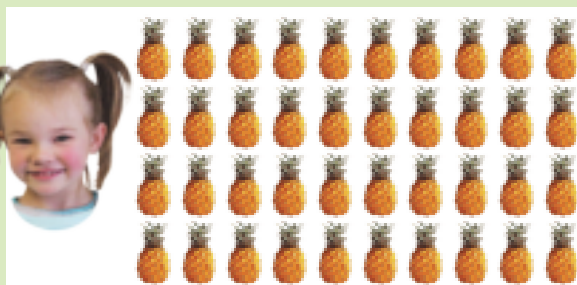


Vhekanyani nomboro ni dzi vhambedze: 40 – 50

Ndi nnyi a re na zwiengwe zwinzhi?



kana



Vhalani vhulungu ni dādze zwibogisi zwi si na tshithu.

●	●	●	●	●	●	●	●	●	●
1	2	3	4	5					
●	●	●	●	●	●	●	●	●	●
								19	
●	●	●	●	●	●	●	●	●	●
							28		

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



Lavhelesani vhulungu ni fhindle mbudziso.

Ndi nomboro ifhio i re tshukhu kha 3?

Ndi nomboro ifhio i re khulwane kha 31?

Ndi nomboro ifhio i re tshukhu kha 38?

Ndi nomboro ifhio i re tshukhu kha 47?



30	31	32	33	34	35	36	37	38	39	40
----	----	----	----	----	----	----	----	----	----	----

[illegible]

40	41	42	43	44	45	46	47	48	49	50
----	----	----	----	----	----	----	----	----	----	----

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35

Themo ya 2

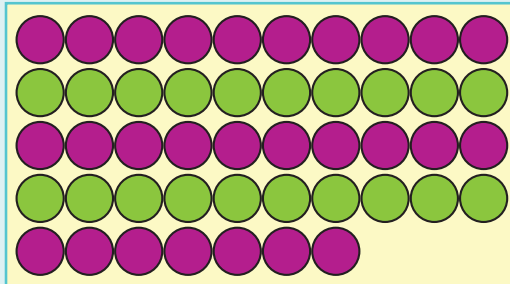
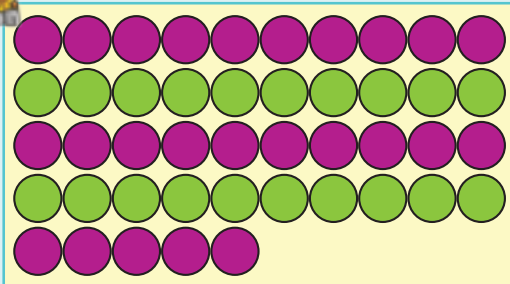


Deithi:

Nomboro 40 – 50



Ndi vhulungu vhungana he na vhala?



Nomboro

Ri nga i riwala sa:

Nomboro

Ri nga i riwala sa:

45

40 + 5 = 45

+ =



Fhedzisani zwi tevhelaho.

20	21	22							
30				34					
		42							



Fhedzisani zwi tevhelaho.

$$\begin{array}{c}
 \text{20} + \text{4} = \text{24} \\
 \text{ } + \text{ } = \text{ }
 \end{array}$$



Ñwalani maipfi a.

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



Lavhelesani kha tsumbo ya u thoma ni fhedzise dziñwe dzoṭhe.

45 = mahumi a 4 + yuniti dza 5	44 = mahumi a _____ + yuniti dza _____
43 = mahumi a _____ + yuniti dza _____	41 = mahumi a _____ + yuniti dza _____
42 = mahumi a _____ + yuniti dza _____	48 = mahumi a _____ + yuniti dza _____



Ñwalani nomboro yone kha kholomo yone.

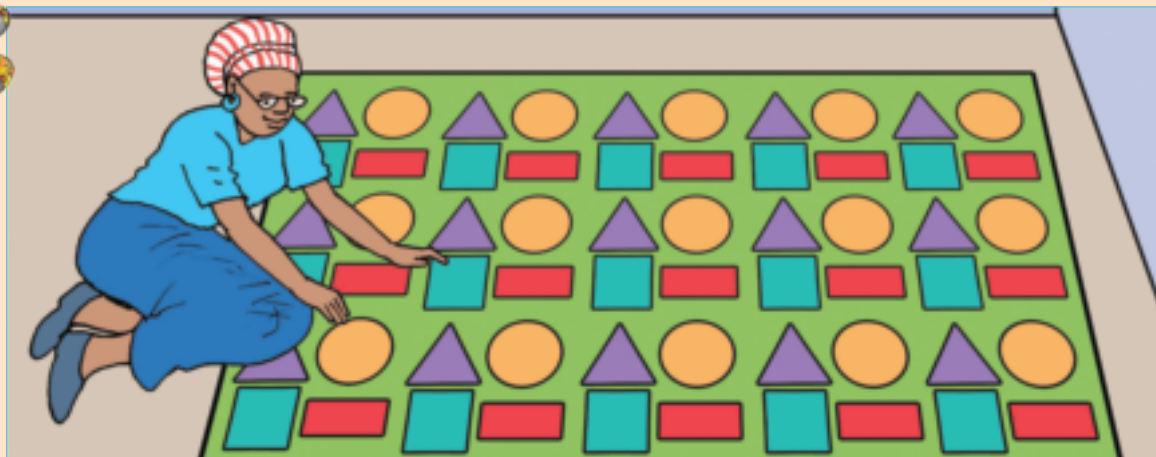
	Mahumi	Yuniti
27		
34		
46		
41		
39		



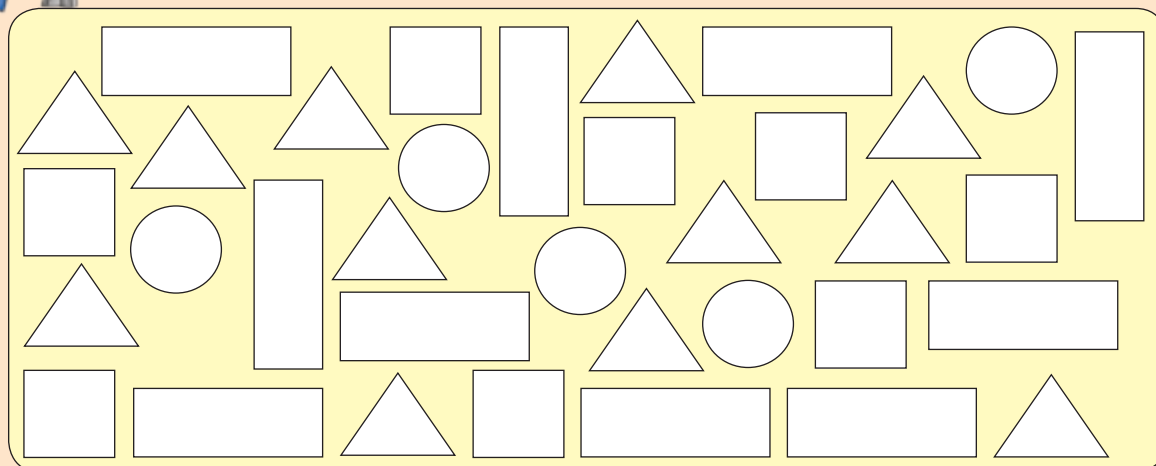
Teacher:
Sign:
Date:

Zwikwea, rekithiengele, thiraiengele na zwitendeledzi

Makhulu vho ita khwiliti yo nakaho. Talusani zwivhumbeo zwothe.



Khalarani nga muvhala wa lutombo zwikwea, wa t̃ada kha rekithiengele, mudala kha thiraiengele na mutswuku kha zwitendeledzi.

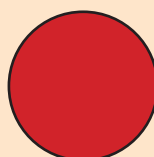


Nangani ni ole phindulo yone.



matungo a tswititi

matungo a tshipulumbu



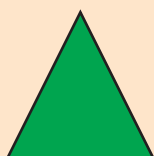
matungo a tswititi

matungo a tshipulumbu



matungo a tswititi

matungo a tshipulumbu

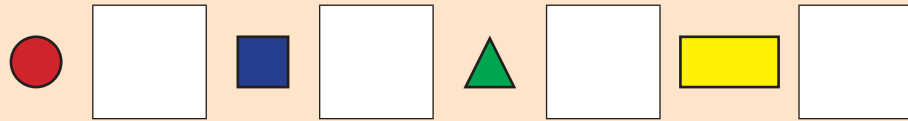
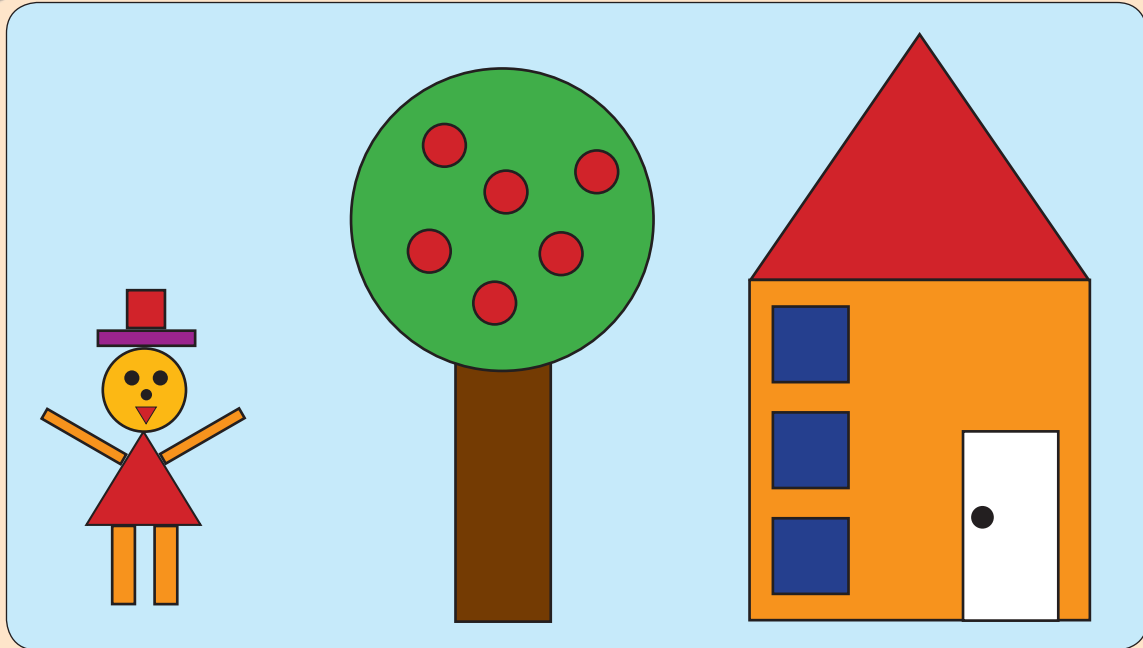


matungo a tswititi

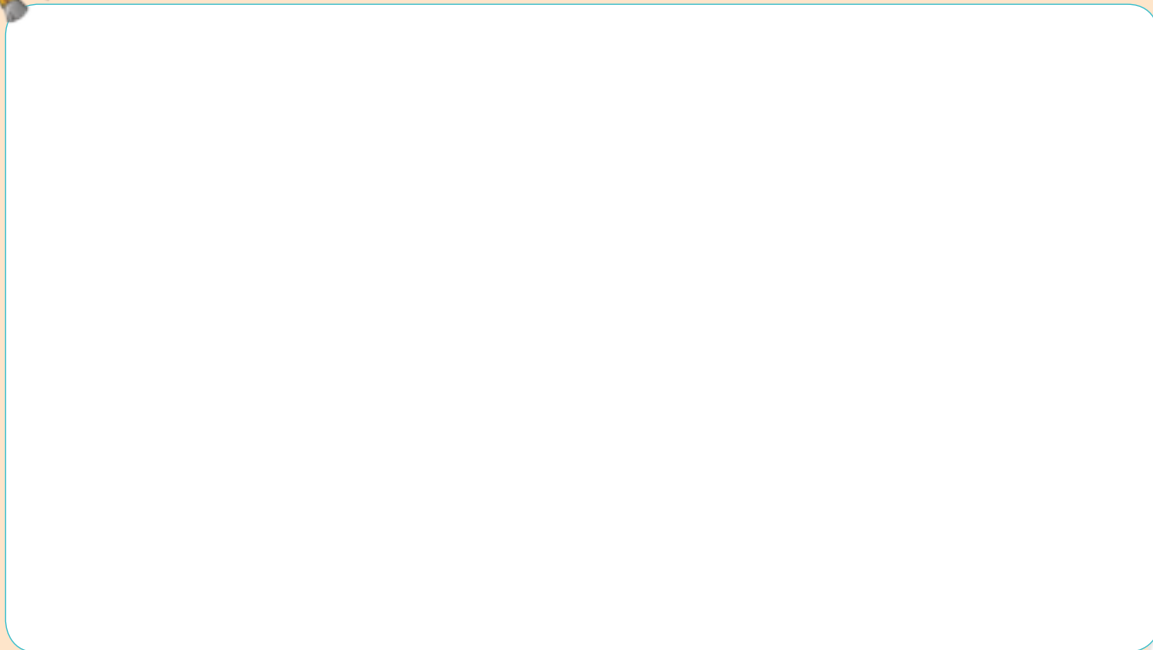
matungo a tshipulumbu



Ndi    na  zwingana zwe na vhala?



Olani tshifanyiso tsha inwi mune ni tshi shumisa zwitendeledzi, zwickwea, thiraiengele na rekithiengele.



Teacher:
Sign:
Date:

Mutanganyo na mutuso u swika kha 20

U elelwa nga u tshanya.

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

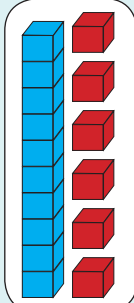


Tanganyani zwi tevhelaho.

	$= 10 + 2 + 6$ $= 10 + 8$ $= 18$
	$= \square + \square + \square$ $= \square + \square$ $= \square + \square$ $= \square$
	$= \square + \square$ $= \square + \square$ $= \square$



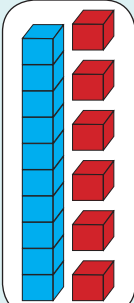
Tusani zwi tevhelaho.



$$= 10 - 4$$

$$= 10 - 2$$

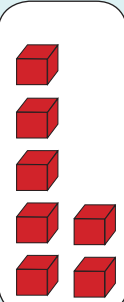
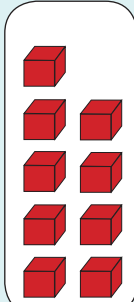
$$= 8$$



$$= \square - \square$$

$$= \square + \square$$

$$= \square$$



$$= \square - \square$$

$$= \square$$



Ndo renga mąlegere a 15. Ndo ąa a 2. Ndo ąea khonani yanga a 4.
Ndo salelwa nga mąlegere mangana?



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Mutanganyo na mutuso u swika kha 50



U elelwa nga u tavhanya.

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



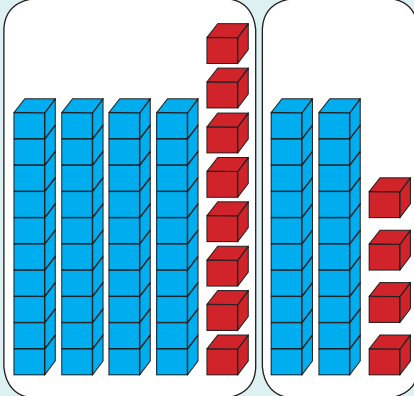
Tanganyani zwi tevhelaho.

		$=$ $+$ $=$ $+$ $=$
		$=$ $+$ $+$ $=$ $+$ $=$

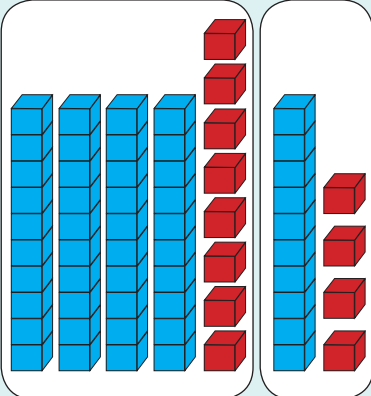
Zwino edzisanivho ndila yaṅu.



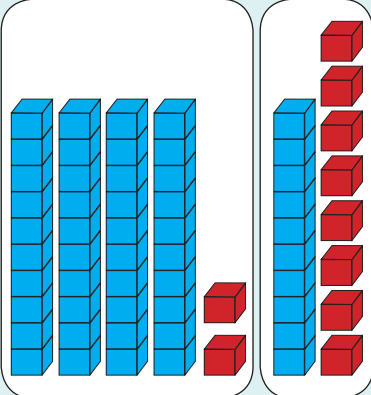
Tusani zwi tevhelaho.



$$\begin{aligned}
 &= 40 + 8 - 20 - 4 \\
 &= 40 - 20 + 8 - 4 \\
 &= 20 + 4 \\
 &= 24
 \end{aligned}$$



$$\begin{aligned}
 &= \boxed{} \boxed{} - \boxed{} \boxed{} \\
 &= \boxed{} - \boxed{} + \boxed{} - \boxed{} \\
 &= \boxed{} + \boxed{} \\
 &= \boxed{}
 \end{aligned}$$



$$\begin{aligned}
 &= \boxed{} \boxed{} - \boxed{} \boxed{} \\
 &= \boxed{} - \boxed{} + \boxed{} - \boxed{} \\
 &= \boxed{} - \boxed{} \\
 &= \boxed{}
 \end{aligned}$$



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



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Themo ya 2



Deithi:

Mutanganyo muniwe hafhu



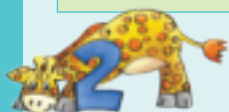
Tanganyani nomboro dzi re tshibulokoni tshinwe na tshinwe ni riwale tchanganyelo.

1	10	5
	10	

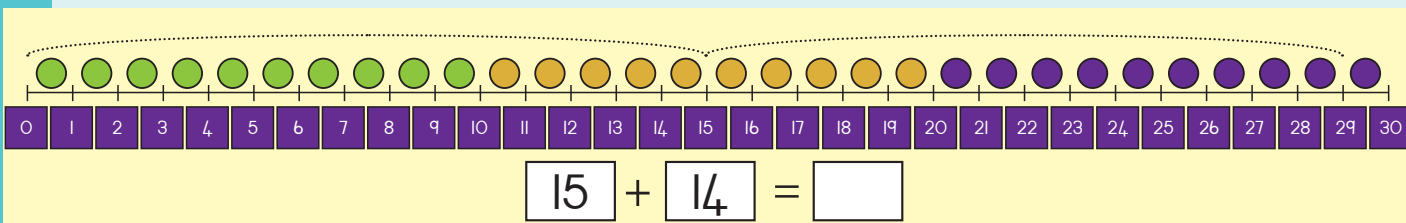
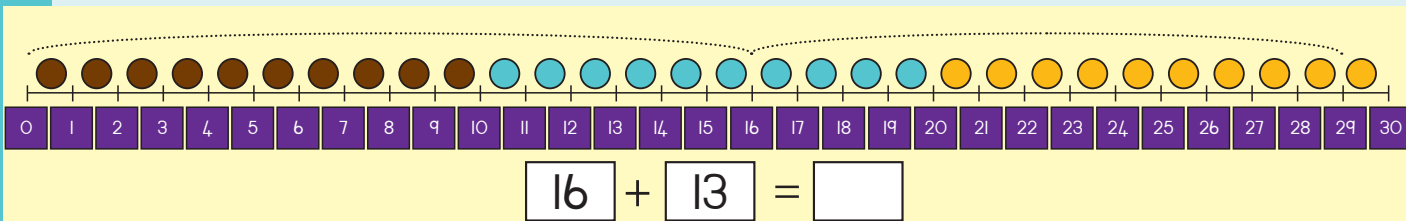
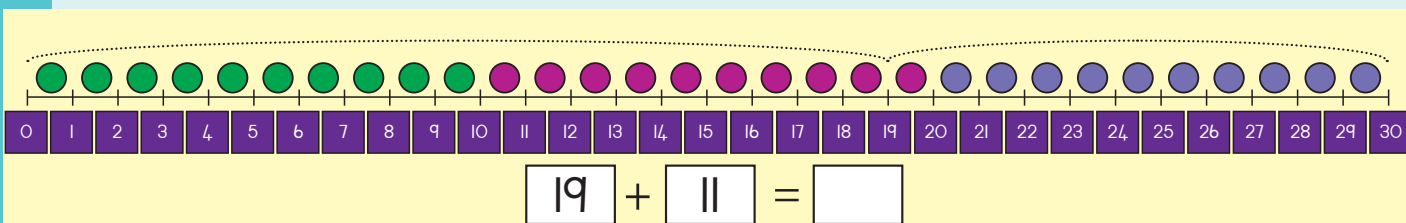
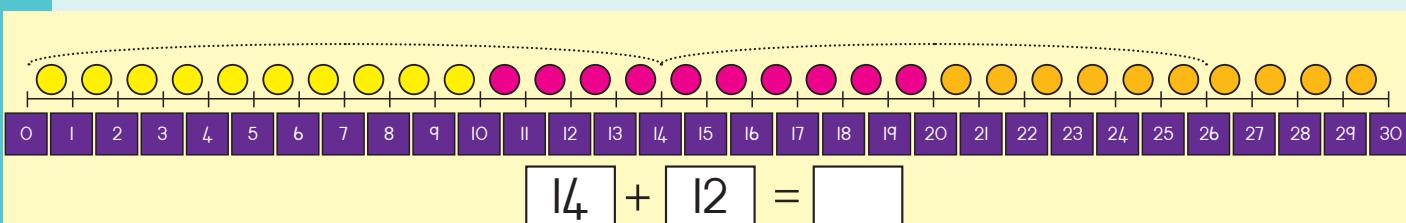
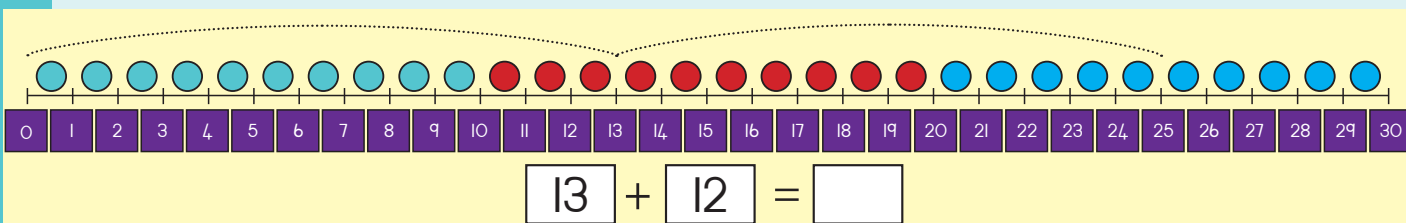
2	10	6
	20	

3	20	5
	20	

4	20	4
	10	



Tanganyani.





Tanganyani.

$$12 + 11$$

$$= \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 2 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array}$$

$$= \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} + \begin{array}{|c|} \hline 2 \\ \hline \end{array} + \begin{array}{|c|} \hline 1 \\ \hline \end{array}$$

$$= \begin{array}{|c|c|} \hline 2 & 0 \\ \hline \end{array} + \begin{array}{|c|} \hline 3 \\ \hline \end{array}$$

$$= \begin{array}{|c|c|} \hline 2 & 3 \\ \hline \end{array}$$

$$13 + 15$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$26 + 12$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$23 + 22$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$24 + 13$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$35 + 12$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$



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



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39b

Themo ya 2



Deithi:

Mutanganyo muniwe hafhu



Nwalani ṭhanganyelo.

$$12 + 10 = \square$$



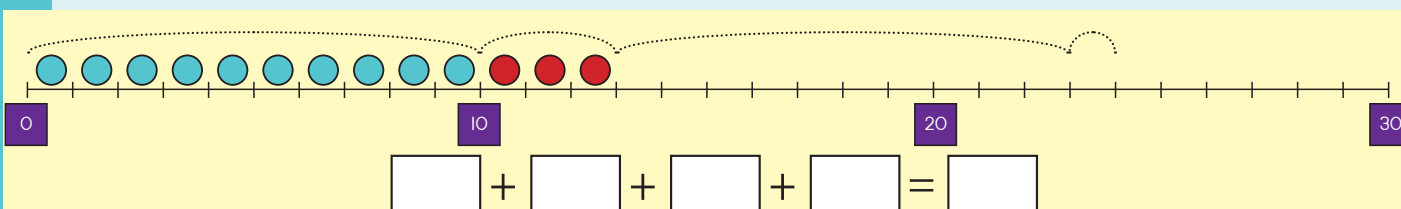
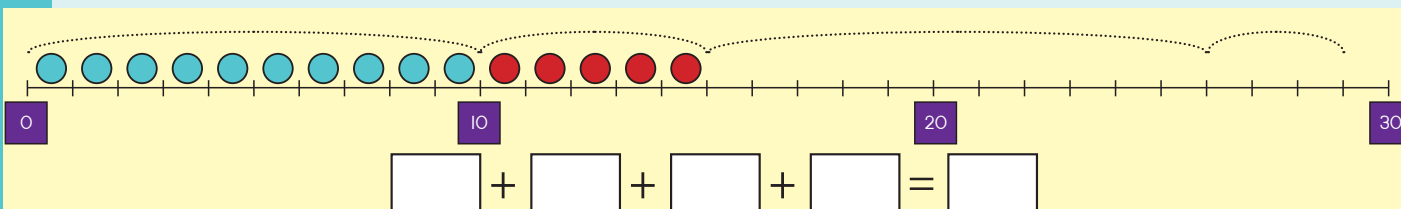
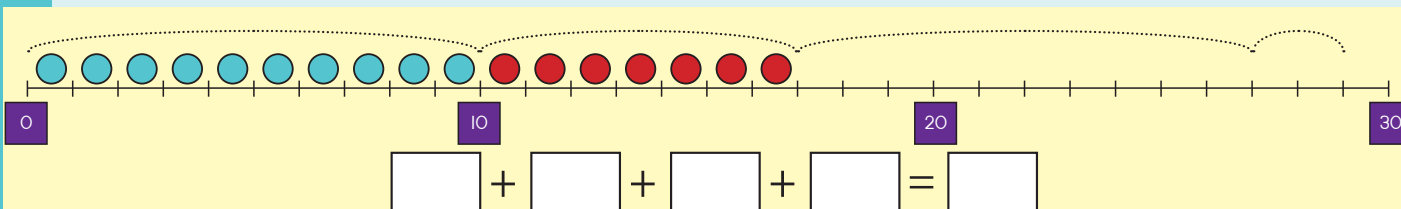
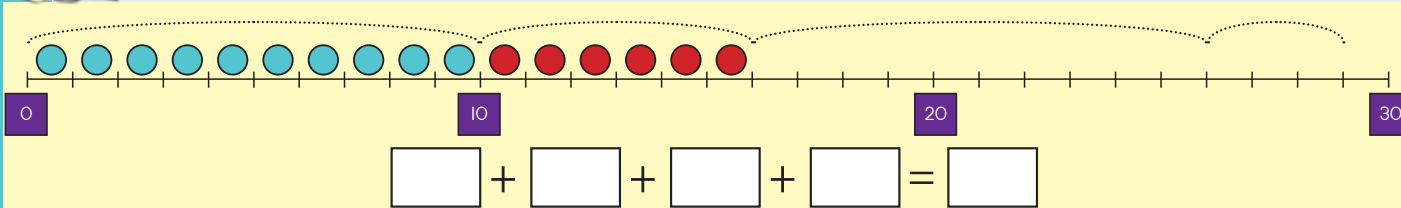
$$15 + 10 = \square$$



$$19 + 10 = \square$$



Olani vhuniwe vhulungu hothe ni fhedzise ṭhanganyelo.





Fhedzisani.

$$28 + 11 = 28 + 10 + 1 = 38 + 1 = 39$$

$$34 + 12 = 34 + 10 + 2 = \square + \square = \square$$

$$23 + 13 = 23 + 10 + 3 = \square + \square = \square$$

$$35 + 12 = 35 + 10 + 2 = \square + \square = \square$$

$$26 + 11 = 26 + 10 + 1 = \square + \square = \square$$



Tanganyani.

$$11 + 10 = \square$$

$$23 + 10 = \square$$

$$36 + 10 = \square$$

$$28 + 10 = \square$$

$$37 + 10 = \square$$

$$12 + 10 = \square$$

$$34 + 10 = \square$$

$$29 + 10 = \square$$

$$15 + 10 = \square$$



Thanganyelo ya 27 na 26 ndi?

Olani tshifanyiso ni tshi sumbedza phindulo yanu.

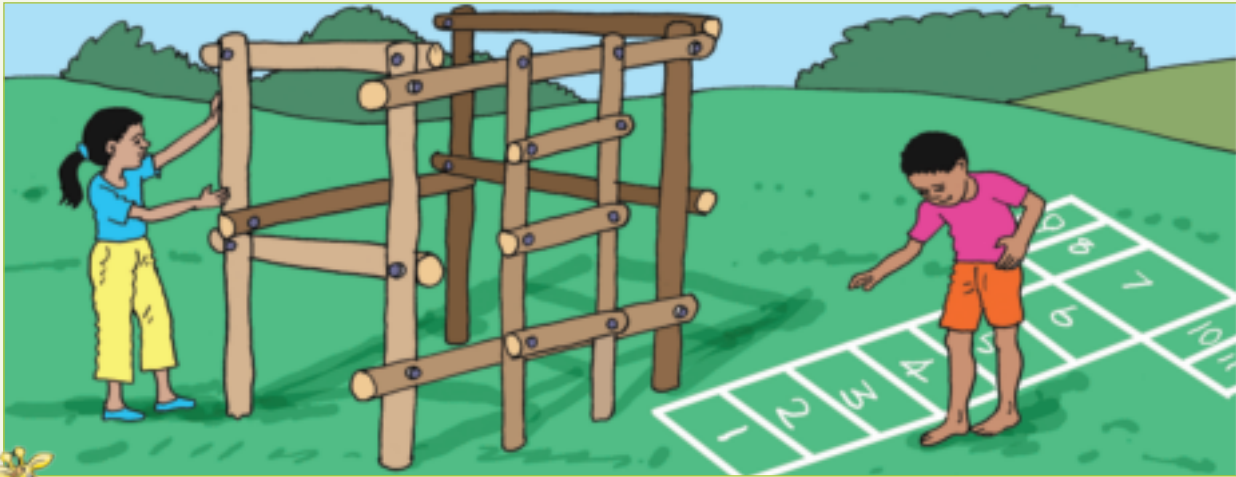


Itani mbalo ya maipfi ya inwi mune ni tshi shumisa zwifanyiso.

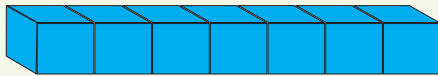


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Vhulapfu



Khalarani phindulo yone ni tshi sumbedza uri miduba (rou) iyi ndi mipfufhi kana ndi milapfu naa, milapfu (vhunavha), kana yo ntama kana yo sekana naa. Khalarani phindulo yanu nga muvhala muthihi na wa zwibuloko.



pfufhi

ndapfusa



pfufhi

ndapfusa



pfufhi

ndapfusa

pfufhi

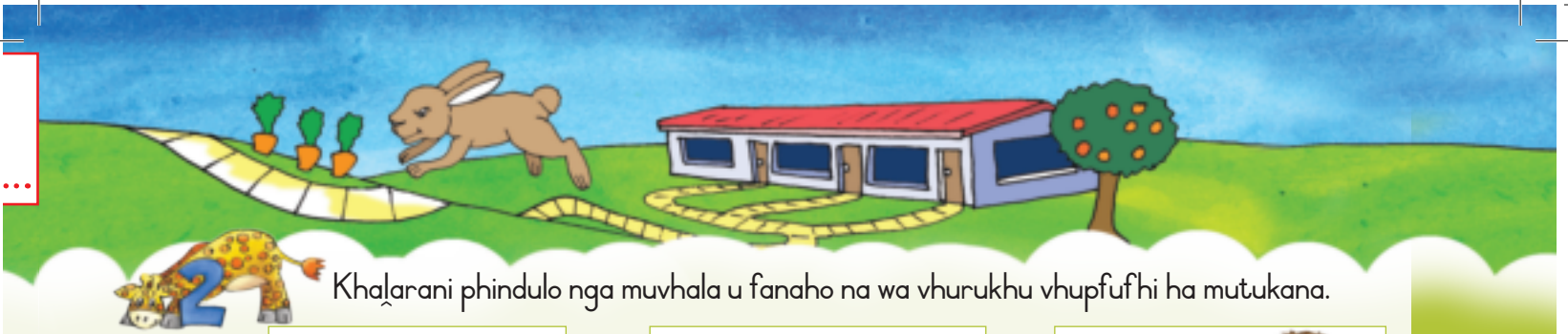
ndapfusa

a tamesa

sekenesa

pfufhi

ndapfusa



Khalarani phindulo nga muvhala u fanaho na wa vhurukhu vhpufufhi ha mutukana.



mupfufhi

mulapfu



mupfufhi

mulapfu



mupfufhi

mulapfu



Kalani matungo a luvhande nga tshanda kana nayo ni tshi shumisa zwi no bva kha tshigeriwa l.

Luvhande lwo lapfa lungafhani nga vhulapfu ha zwanda.

Luvhande lwo lapfa lungafhani nga vhulapfu ha nayo.

← vhulapfu →



Teacher:
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Deithi:

Mutuso muñwe hafhu

Livhanyani magarata na mbalo dza mutuso.

10	10	10	10	10
2 2	8 8	7 7	5 5	3 3

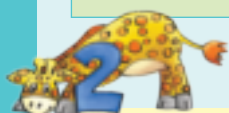
$$17 - 7 = 10$$

$$12 - 2 = 10$$

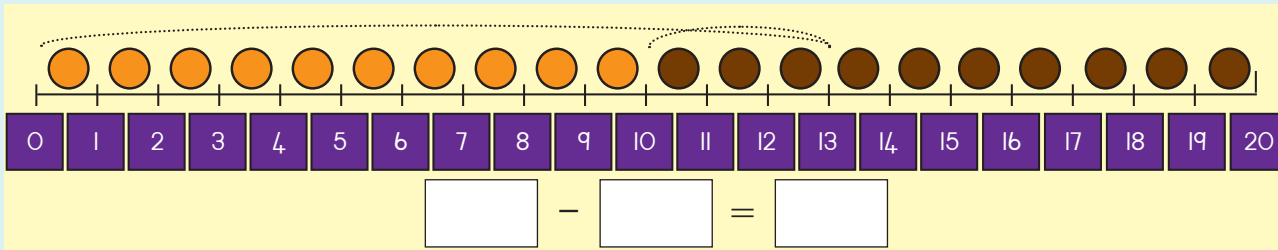
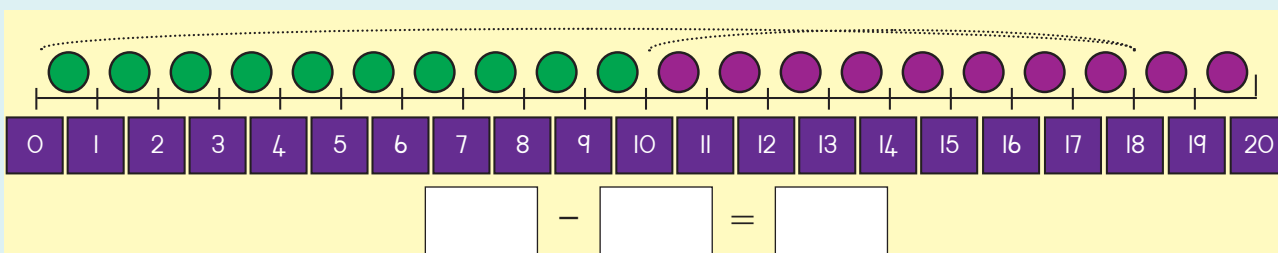
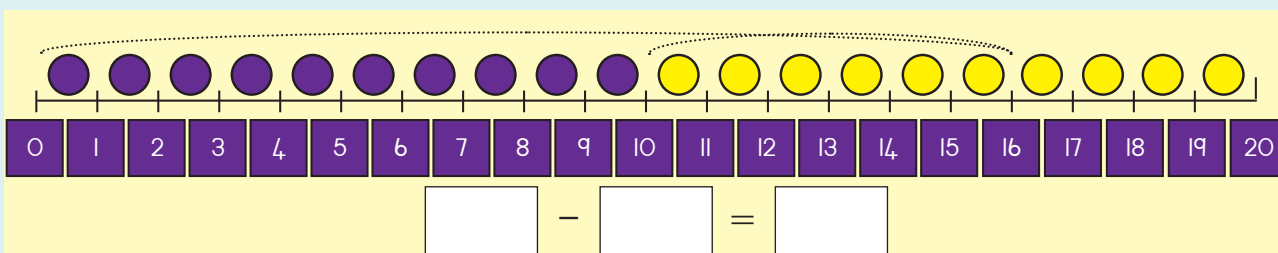
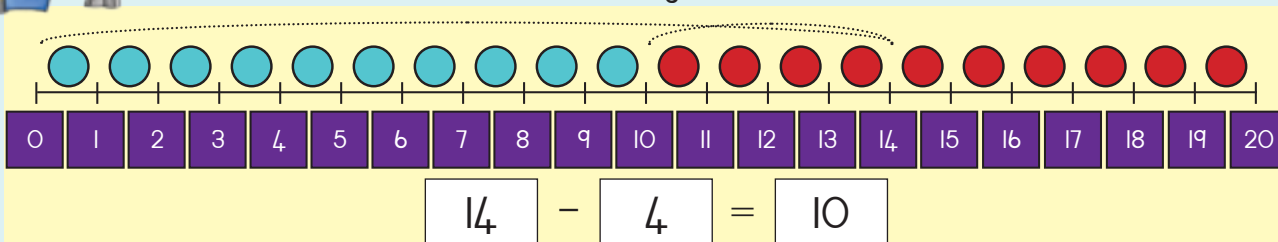
$$15 - 5 = 10$$

$$13 - 3 = 10$$

$$18 - 8 = 10$$



Shumisani mutalombalo. Nwalani mbalo ya mutuso.





Tusani.

$$\begin{array}{l} 10 \text{ } 3 - 3 = \square \\ 10 \text{ } 5 - 5 = \square \\ 10 \text{ } 1 - 1 = \square \\ 10 \text{ } 4 - 4 = \square \\ 10 \text{ } 9 - 9 = \square \end{array}$$

$$\begin{array}{l} 10 \text{ } 2 - 2 = \square \\ 10 \text{ } 7 - 7 = \square \\ 10 \text{ } 6 - 6 = \square \\ 10 \text{ } 8 - 8 = \square \\ 10 \text{ } 9 - 5 = \square \end{array}$$



Tusani.

$$\begin{array}{l} 16 - 13 \\ \begin{array}{l} 10 \quad 10 \\ 6 \quad 3 \end{array} = \begin{array}{l} 0 \\ 3 \end{array} \\ 16 - 13 = 3 \end{array}$$

$$\begin{array}{l} 14 - 12 \\ \begin{array}{l} 10 \quad 10 \\ 4 \quad 2 \end{array} = \begin{array}{l} \square \\ \square \end{array} \\ 14 - 12 = \square \end{array}$$

$$\begin{array}{l} 27 - 11 \\ \begin{array}{l} 20 \quad 10 \\ 7 \quad 1 \end{array} = \begin{array}{l} \square \\ \square \end{array} \\ \square - \square = \square \end{array}$$

$$\begin{array}{l} 35 - 13 \\ \begin{array}{l} 30 \quad 10 \\ 5 \quad 3 \end{array} = \begin{array}{l} \square \\ \square \end{array} \\ \square - \square = \square \end{array}$$

$$\begin{array}{l} 26 - 12 \\ \begin{array}{l} 20 \quad 10 \\ 6 \quad 2 \end{array} = \begin{array}{l} \square \\ \square \end{array} \\ \square - \square = \square \end{array}$$

$$\begin{array}{l} 48 - 11 \\ \begin{array}{l} 40 \quad 10 \\ 8 \quad 1 \end{array} = \begin{array}{l} \square \\ \square \end{array} \\ \square - \square = \square \end{array}$$



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



Ndi zwivhaleli zwingana zwe a sala nazwo?

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42a

Themo ya 2

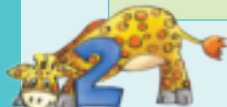


Deithi:

Mutuso munzhi

Tusani nomboro dzi re nga fhasi kha nomboro dzi re nga ntsha.

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



Shumisani mutalombalo. Nwalani mbalo ya mutuso.

0	10	20	30
25 - 12 =			
0	10	20	30
- =			
0	10	20	30
- =			
0	10	20	30
- =			
0	10	20	30
- =			



Tusani.

$$45 - 23$$

$$= 40 + 5 - 20 - 3$$

$$= 40 - 20 + 5 - 3$$

$$= 20 + 2$$

$$= 22$$

$$38 - 16$$

$$= \square - \square - \square - \square$$

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

$$= \square + \square$$

$$= \square$$

$$29 - 14$$

$$= \square - \square - \square - \square$$

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

$$= \square + \square$$

$$= \square$$

$$48 - 11$$

$$= \square - \square - \square - \square$$

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

$$= \square + \square$$

$$= \square$$

$$35 - 23$$

$$= \square - \square - \square - \square$$

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

$$= \square + \square$$

$$= \square$$

$$38 - 15$$

$$= \square - \square - \square - \square$$

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

$$= \square + \square$$

$$= \square$$



Teacher:
Sign:
Date:

42b

Themo ya 2

Deithi:

Munwe mutuso hafuhafu

Thanganyelo ya tshibuloko tshirwe na tshirwe ndi mini?

$$\boxed{22} - \boxed{10} = \boxed{}$$



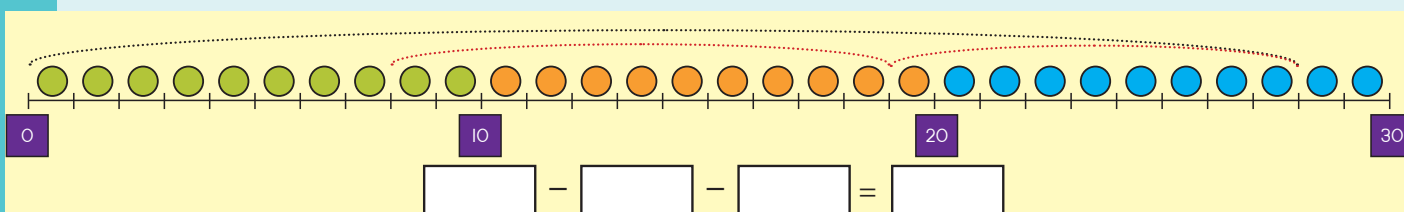
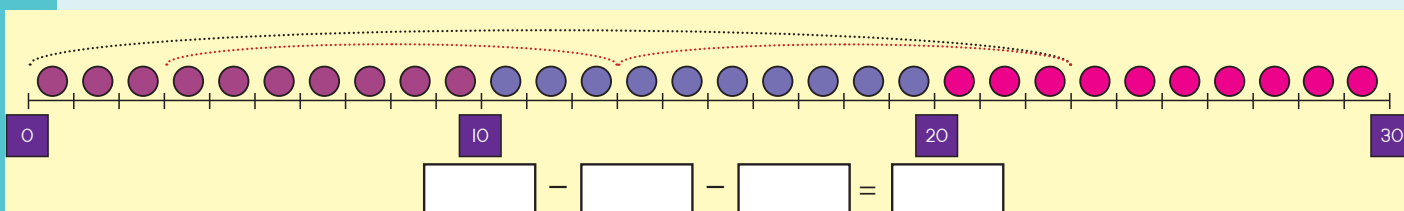
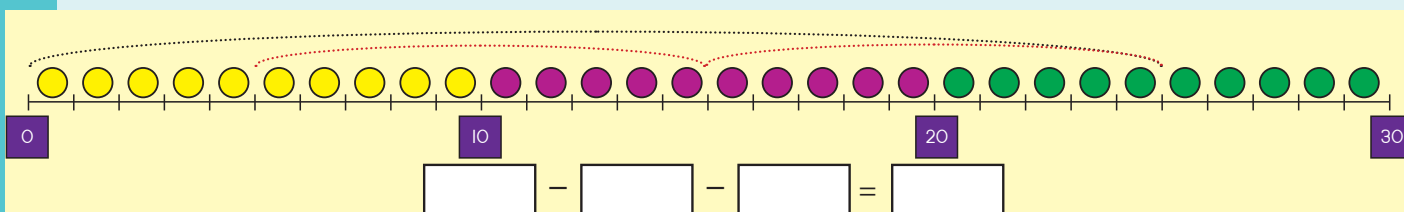
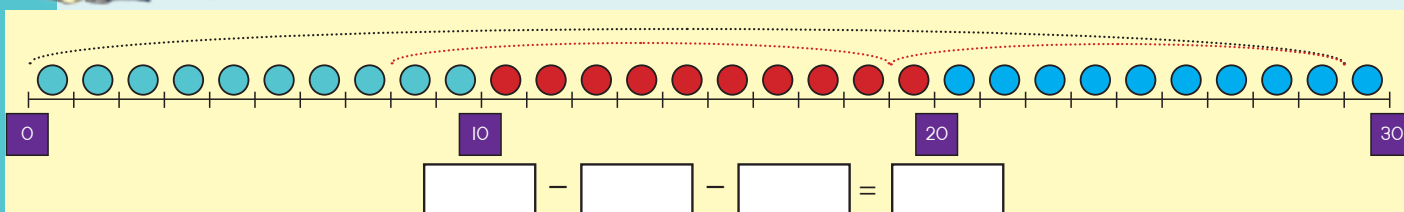
$$\boxed{25} - \boxed{10} = \boxed{}$$



$$\boxed{29} - \boxed{10} = \boxed{}$$



Fhedzisani mbalo dza mutuso.





Fhedzisani.

$$46 - 13 = \square$$

$$49 - 23 = \square$$

$$38 - 14 = \square$$

$$27 - 16 = \square$$

$$25 - 11 = \square$$

$$46 - 32 = \square$$



Ra tusa.

$21 - 10 = \square$	$43 - 10 = \square$	$16 - 10 = \square$
$28 - 10 = \square$	$27 - 10 = \square$	$22 - 10 = \square$
$34 - 10 = \square$	$37 - 10 = \square$	$45 - 10 = \square$

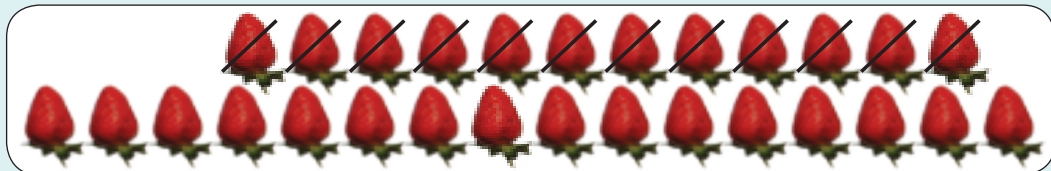


Phambano vhukati ha 35 na 20 ndi? Olani tshifanyiso ni tshi sumbedza phindulo yanu.

$$\boxed{35} - \boxed{20} = \underline{\hspace{2cm}}$$



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



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Deithi:

U lemela na u leluwa

Lavhelesani tshifanyiso tshiñwe na tshiñwe ni fhindule mbudziso.

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

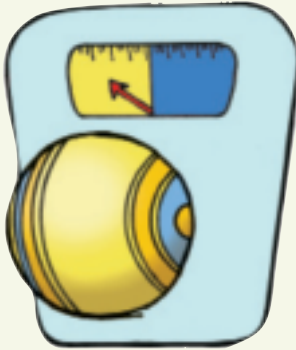


Olani tshifanyiso tsha:

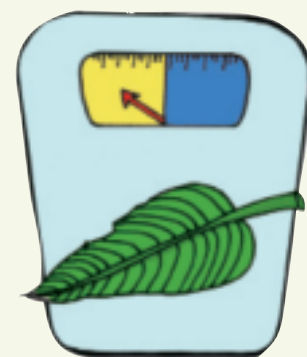
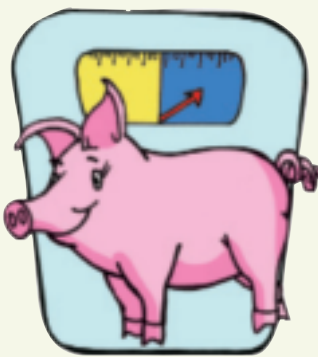
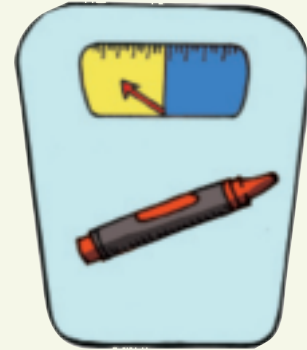
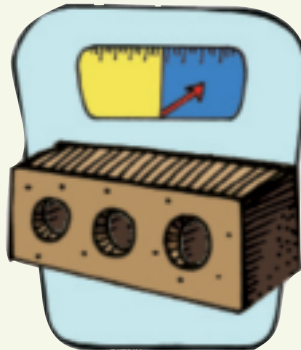
Zwithu zwi no lemela	Zwithu zwi no leluwa



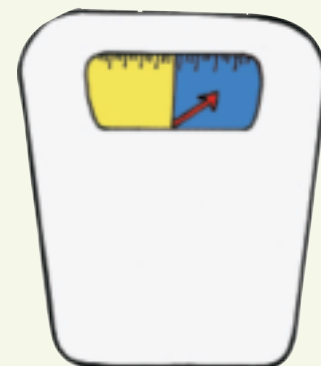
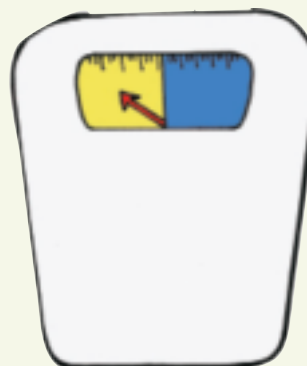
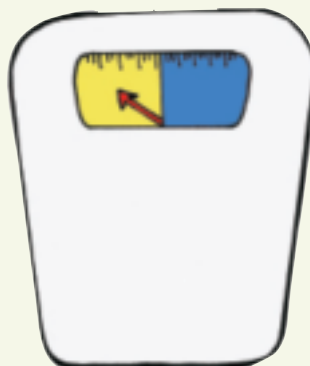
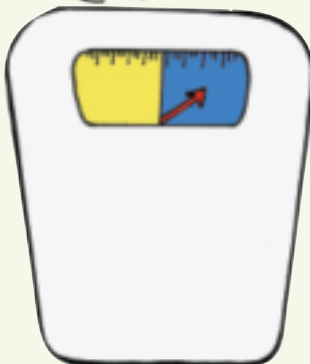
Musi musevhe mutswuku u tshi sumba wa lutombo zwi amba uri itsho tshithu tshi a lemela. Nwalani uri leluwa kana lemela.



u leluwa



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



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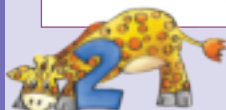
44

Themo ya 2



Phetheni dza nomboro: Nga zwivhilizwivhili

Kha ri vhale nga zwivhili.



Olani kana ni nambatedze zwithu zwi no ɔa nga zwivhili.

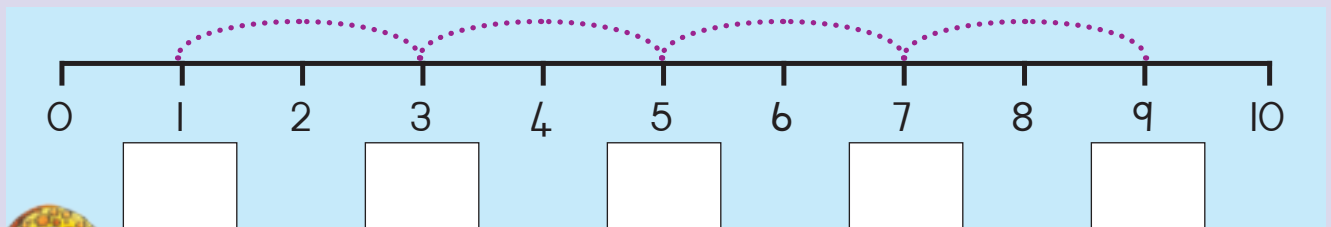
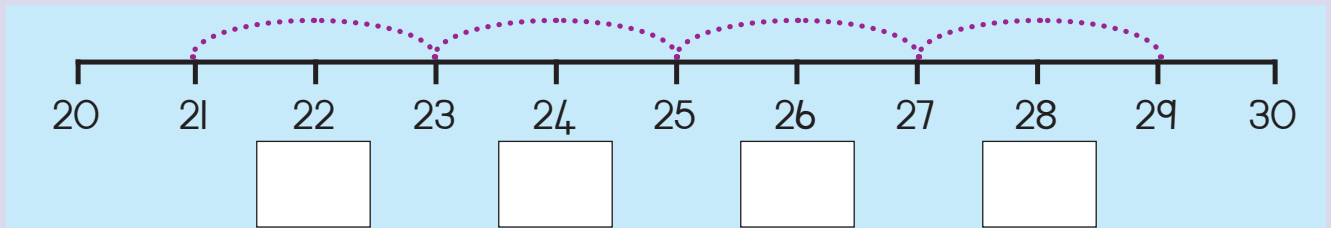
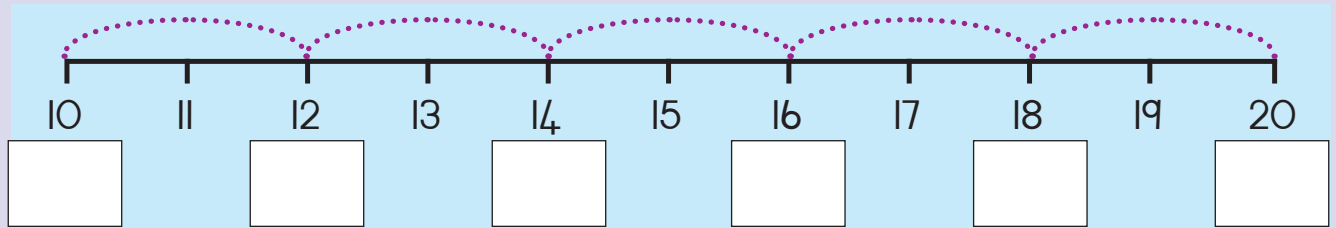
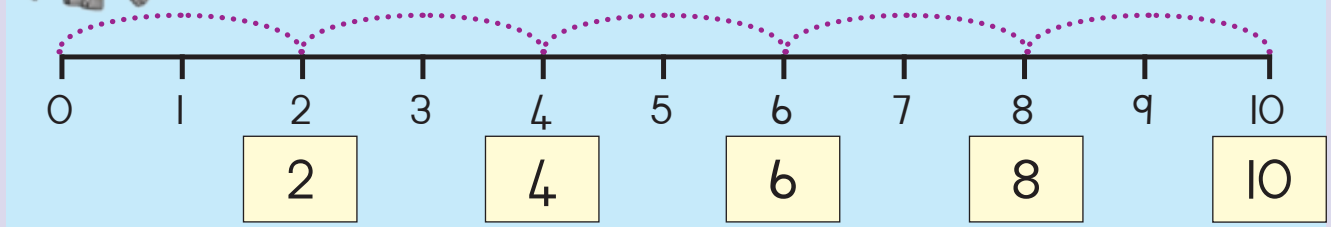


Ro thoma phetheni. I fhedziseni.

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



Shumisani mitalombalo kha u riwala phetheni.



Fhedzisani zwi tevhelaho.

2, 4, 6, __, __, __

62, 64, 66, __, __, __

44, 46, 48, __, __, __

1, 3, 5, __, __, __

13, 15, 17, __, __, __

55, 57, 59, __, __, __

10, 8, 6, __, __, __

98, 96, 94, __, __, __

26, 24, 22, __, __, __

11, 9, 7, __, __, __

29, 27, 25, __, __, __

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



Deithi:

U inga kavhili (U davhula)

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

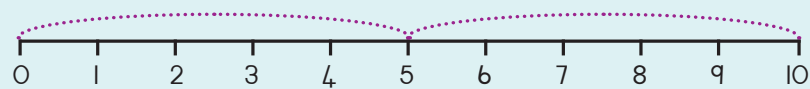
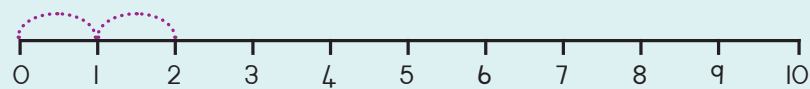
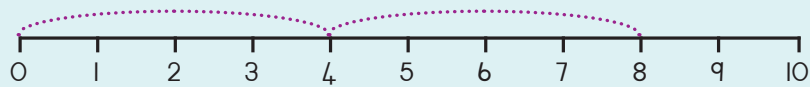
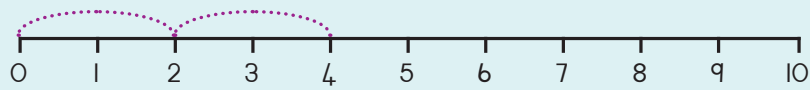
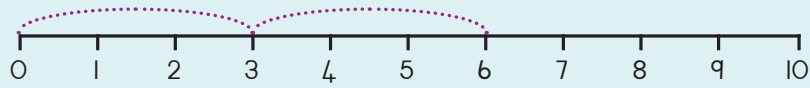


Engedzani zwithoma, ni riwale tshanganyelo ya inwe na inwe.

		+ =
		+ =
		+ =
		+ =
		+ =



Shumisani mutalombalo kha u n'wala t'hanganyelo.



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

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

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

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

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



Ingani kavhili zwi tevhelaho:

1 kavhili

$$1 + 1 = 2$$

2 kavhili

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

3 kavhili

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

4 kavhili

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

5 kavhili

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

$$2 \times 1 = 2$$

$$2 \times \square = \square$$

$$2 \times \square = \square$$

$$2 \times \square = \square$$

$$2 \times \square = \square$$



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

Teacher:
Sign:
Date:

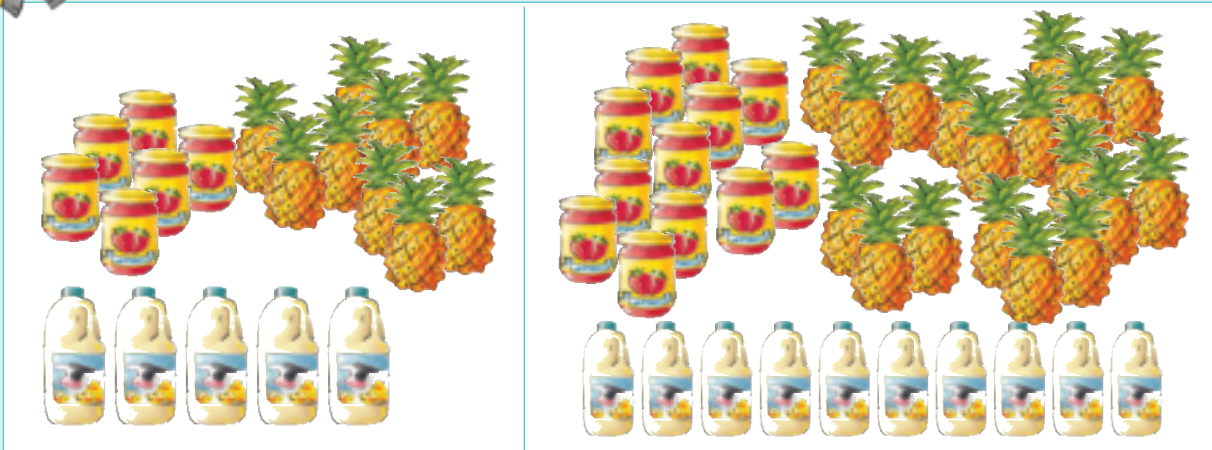




Deithi:

Ingani kavhili haf hu

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

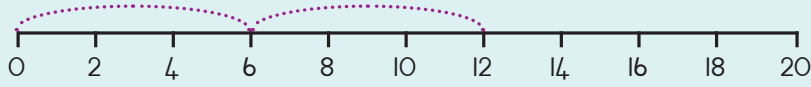


Engedzani zwithoma, ni riwale mbalo ya riwe na riwe.

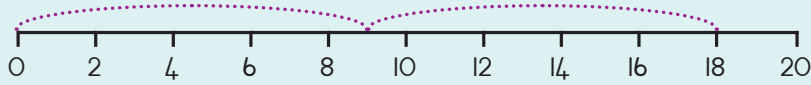
			+		=	
			+		=	
			+		=	
			+		=	
			+		=	



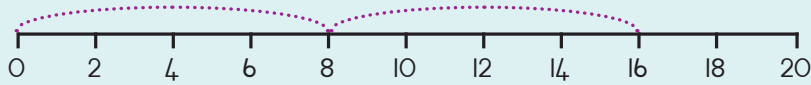
Shumisani mutalombalo kha u n'wala t'hanganyelo.



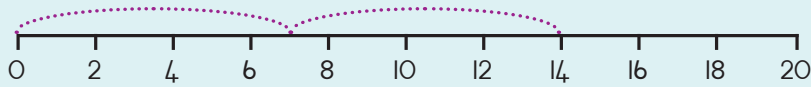
$$\square + \square = \square$$



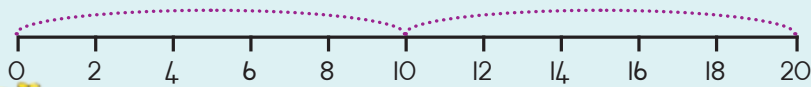
$$\square + \square = \square$$



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



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



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



Ingani kavhili zwi tevhelaho.

6 kavhili

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

$$2 \times 6 = 12$$

7 kavhili

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

$$2 \times \square = \square$$

8 kavhili

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

$$2 \times \square = \square$$

9 kavhili

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

$$2 \times \square = \square$$

10 kavhili

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

$$2 \times \square = \square$$



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



Teacher:

Sign:

Date:



Deithi:

Ingani kavhili

8 kavhili

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



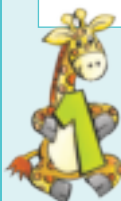
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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



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

6 kavhili



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

7 kavhili



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

8 kavhili



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

9 kavhili



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



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

6 kavhili

$6 + 6 = \square$
 $2 \times 6 = \square$

8 kavhili

$\square + \square = \square$
 $2 \times \square = \square$

7 kavhili

$\square + \square = \square$
 $2 \times \square = \square$

9 kavhili

$\square + \square = \square$
 $2 \times \square = \square$



Ingani kavhili zwi tevhelaho.

7 kavhili

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

$$2 \times \square = \square$$

9 kavhili

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

$$2 \times \square = \square$$

6 kavhili

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

$$2 \times \square = \square$$

8 kavhili

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

$$2 \times \square = \square$$

10 kavhili

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

$$2 \times \square = \square$$



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



Teacher:

Sign:

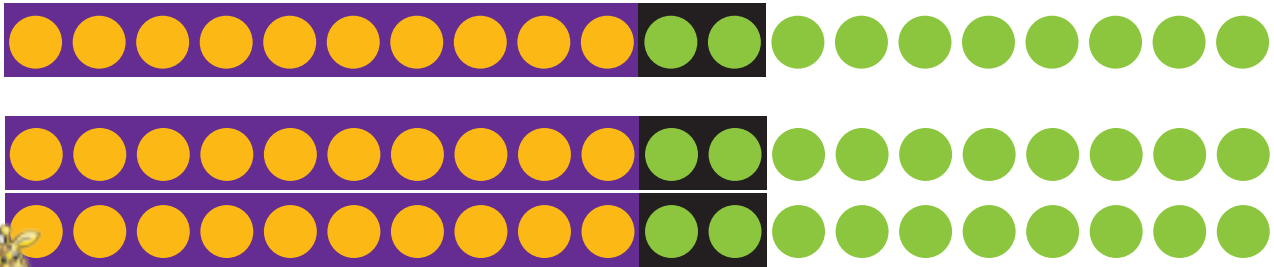
Date:



Deithi:

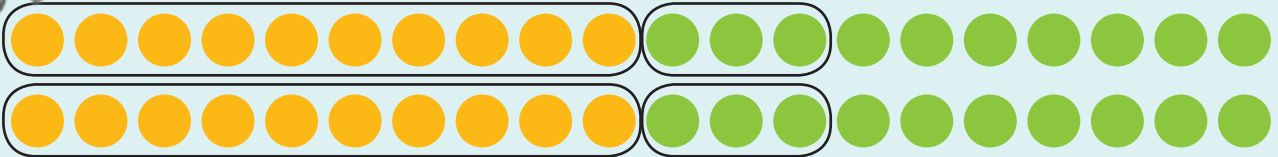
Nyingakavhili hafhu

12 kavhili



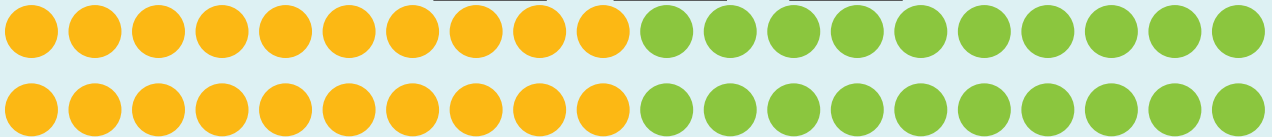
Shumisani vhulungu kha u inga kavhili nomboro. Ro ni itela ya u thoma.

13 kavhili



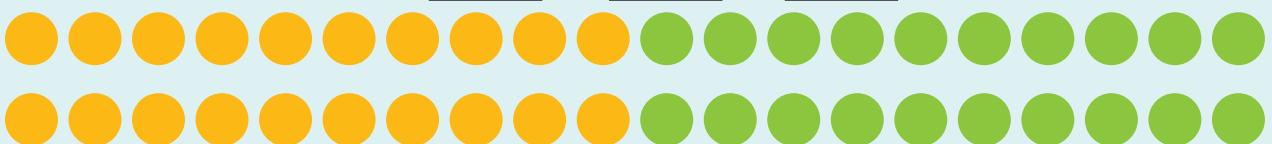
15 kavhili

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



14 kavhili

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



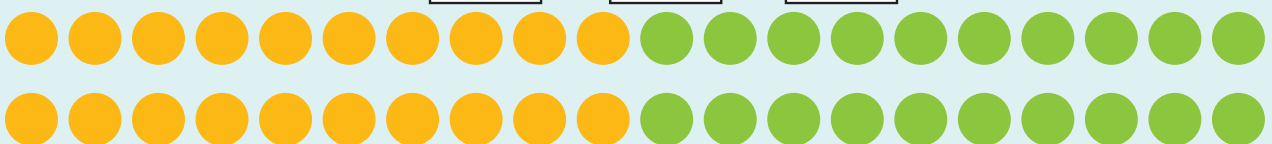
11 kavhili

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

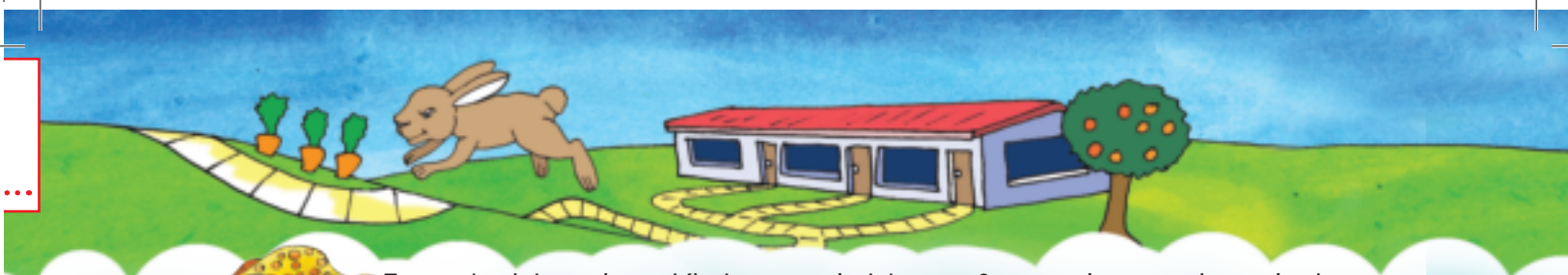


16 kavhili

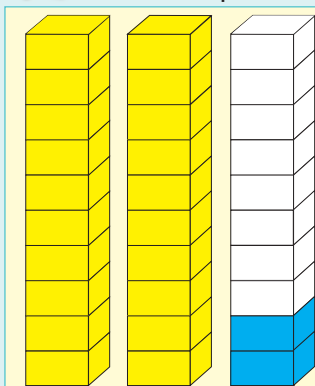
$$\square + \square = \square$$



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



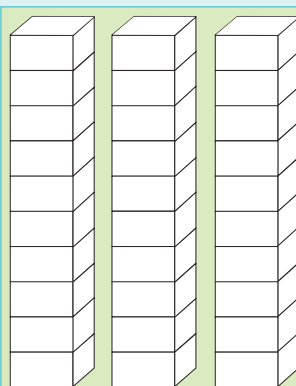
Ingani kavhili nomboro. Khalarani zwiḅuloko zwa fumi zwa beisi ni tshi sumbedza phindulo yaṅu.



11 kavhili

$$11 + 11 = \square$$

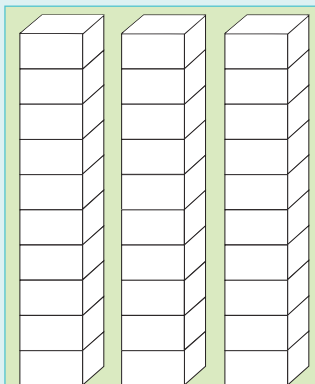
$$2 \times 11 = \square$$



13 kavhili

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

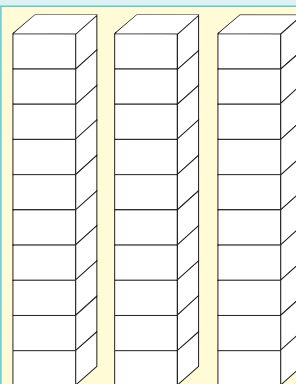
$$2 \times \square = \square$$



14 kavhili

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

$$2 \times \square = \square$$



15 kavhili

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

$$2 \times \square = \square$$



Ingani kavhili zwi tevhelaho.

11 kavhili

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

$$2 \times \square = \square$$

13 kavhili

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

$$2 \times \square = \square$$

16 kavhili

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

$$2 \times \square = \square$$

17 kavhili

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

$$2 \times \square = \square$$

18 kavhili

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

$$2 \times \square = \square$$



Ndo kona u riwala maipfi a 14 zwavhugi kha mutambo wa mupeleto. We a wina a kona a no fhiranga kavhili. We a wina o kona mangana?



Teacher:

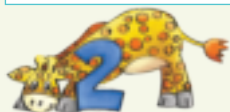
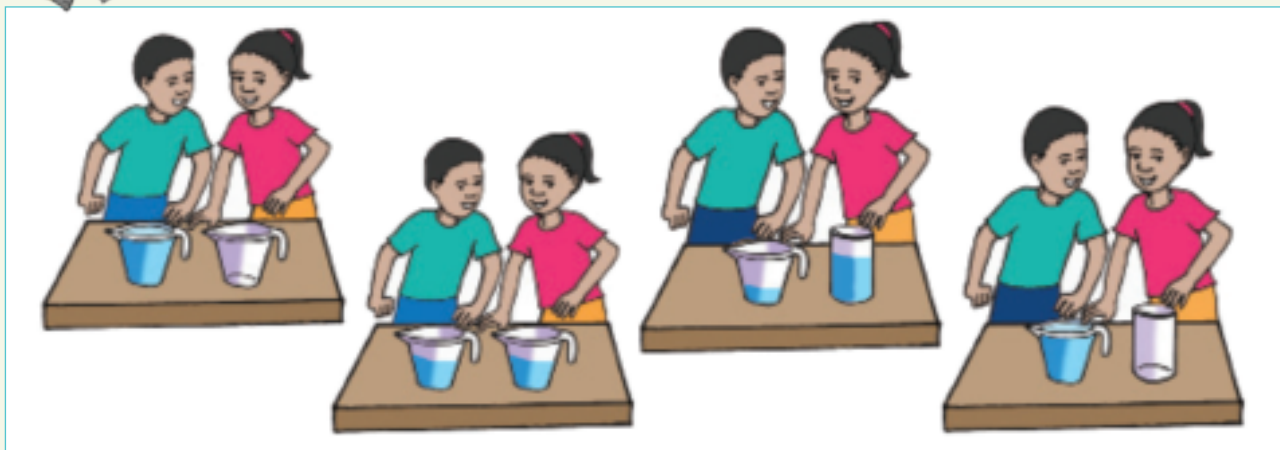
Sign:

Date:

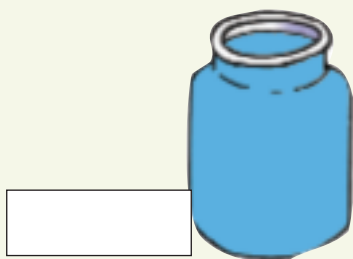
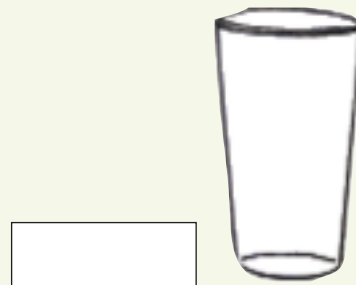


Zwifaredzi na khaphasithi

Ambani nga zwifaredzi zwi re kha desike.



Bulani uri tshifaredzi tsho dala kana a tshi na tshithu.





Khalarani ni tshi sumbedza nzulele ya zwifaredzi.



Olani zwifaredzi zwanu inwi muṇe ni khalare zwi re ngomu hazwo.

A tshi na tshithu

Tsho dala

A tshi na tshithu

Tsho dala



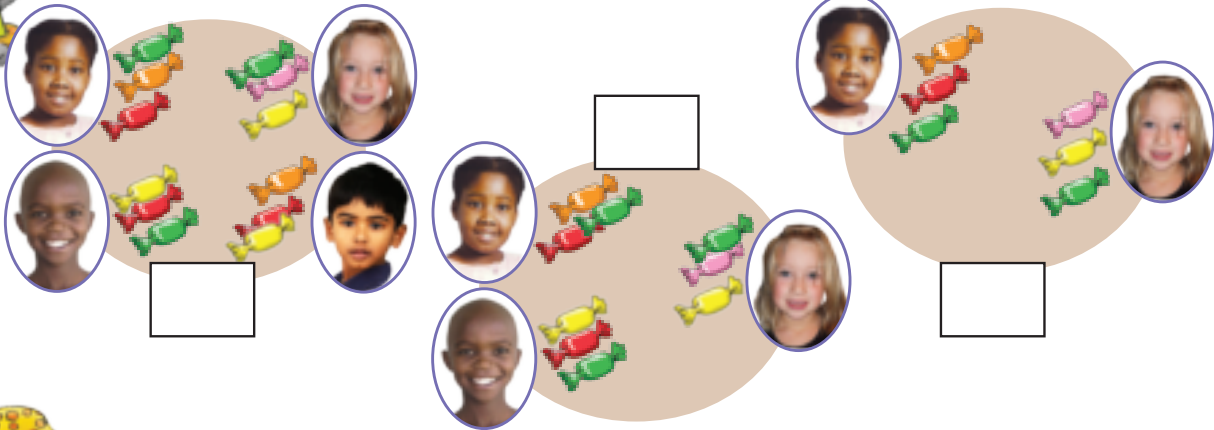
Teacher:

Sign:

Date:

Muandiso: $\times 3$

Ndi malegere mangana a re kha tafula inwe na inwe?



Fhedzisani zwi tevhelaho:

zwigwada zwa 2 zwa 3 $3 + 3 =$ $2 \times 3 =$

zwigwada zwa 5 zwa 3 $3 + 3 + 3 + 3 + 3 =$ $5 \times 3 =$

zwigwada zwa 4 zwa 3 $3 + 3 + 3 + 3 =$ $4 \times 3 =$

zwigwada zwa 6 zwa 3 $3 + 3 + 3 + 3 + 3 + 3 =$ $6 \times 3 =$

zwigwada zwa 7 zwa 3 $3 + 3 + 3 + 3 + 3 + 3 + 3 =$ $7 \times 3 =$



Itani nyolo ya zwi tevhelaho.

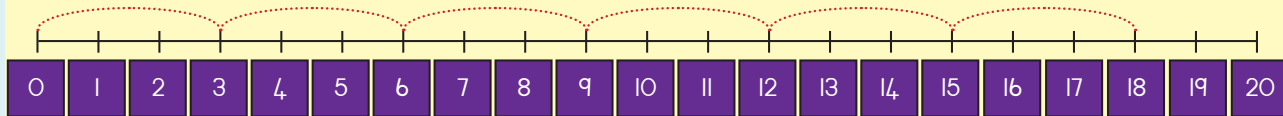
zwigwada zwa 3 zwa 3

zwigwada zwa 4 zwa 3

zwigwada zwa 5 zwa 3



Itani nyolo ya zwi tevhelaho.



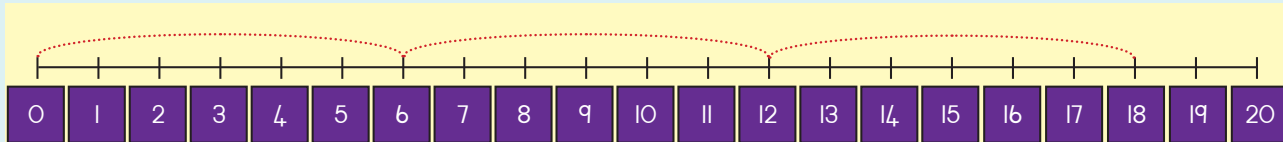
3, 6, 9, 12, ____, ____

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

$$\text{zwigwada zwa } 6 \text{ zwa } \boxed{} = \boxed{}$$

$$6 \times 3 = \boxed{}$$

Nyolo



6, ____, ____

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

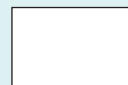
$$\text{zwigwada zwa } 3 \text{ zwa } \boxed{} = \boxed{}$$

$$3 \times \boxed{} = \boxed{}$$

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:

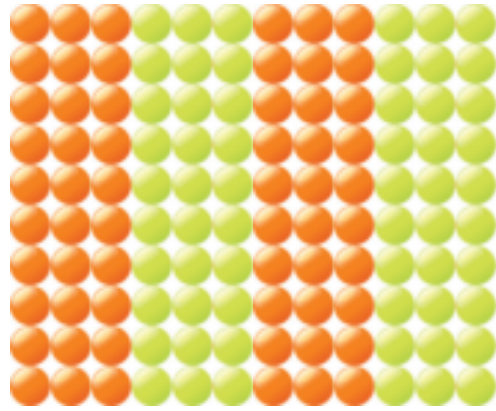
11 12 13 14 15 16 17 18 19 20

51

Themo ya 2



Phatheni dza nomboro: Nga tharu

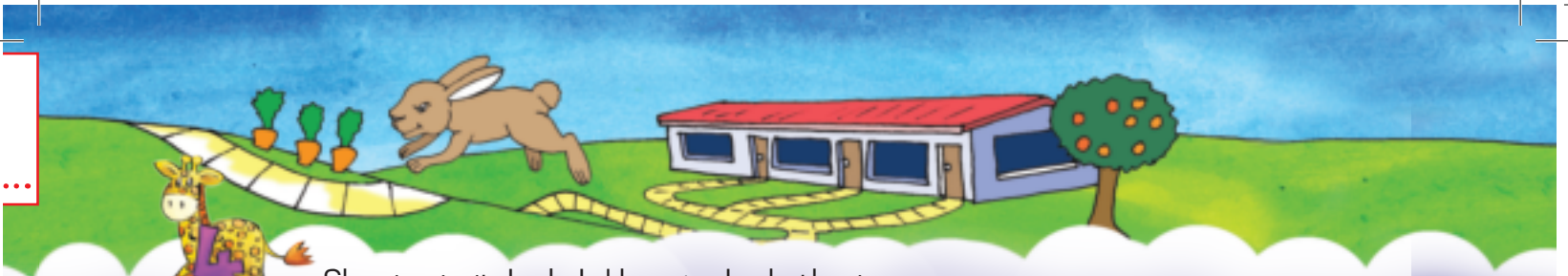


Olani kana ni nambatedze zwifanyiso zwa zwithu zwine zwa dza nga zwiraru.

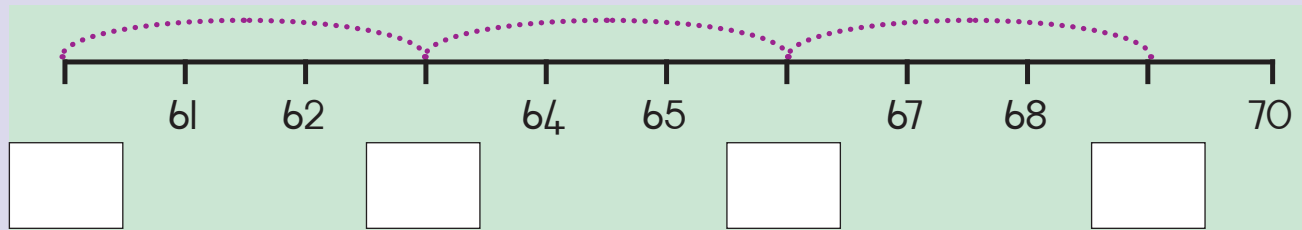
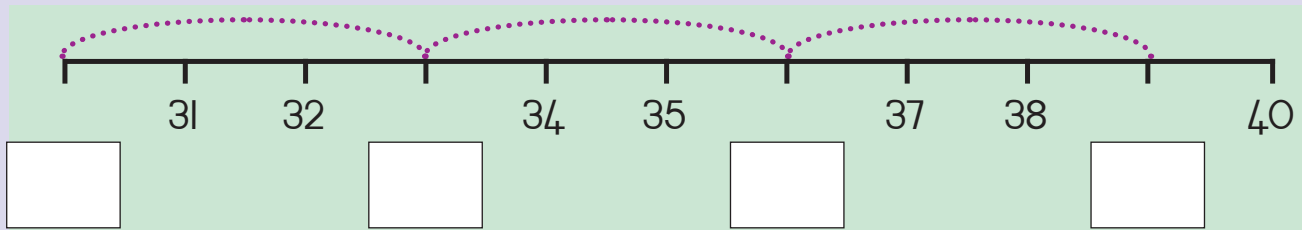
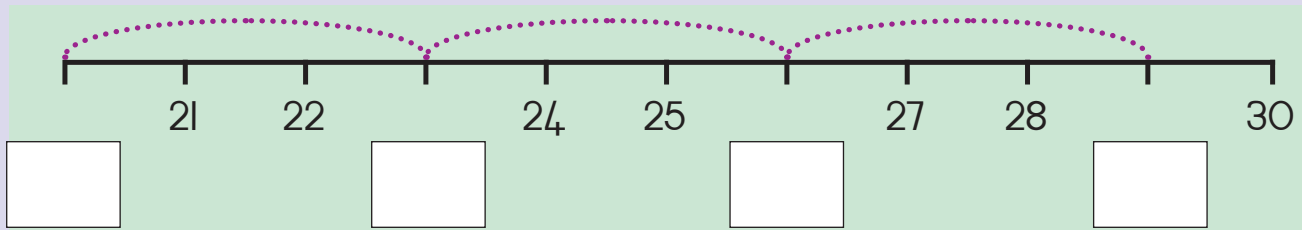
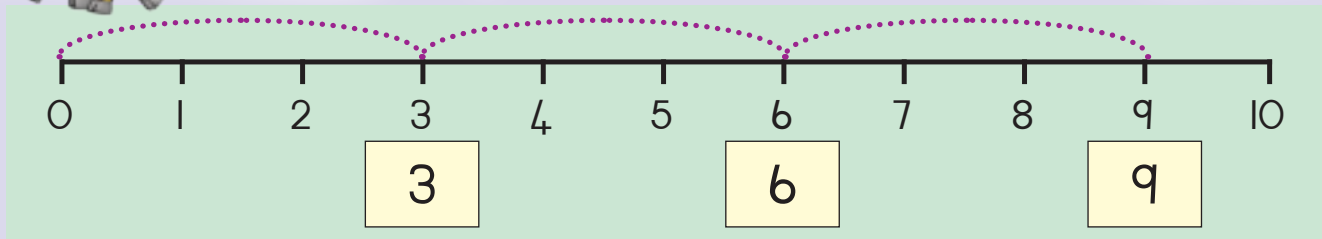


Ro ni thomela phetheni. I fhedziseni.

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



Shumisani mitalombalo kha u n'wala phatheni.



Fhedzisani zwi tevhelaho.

3, 6, 9, __, __, __

36, 39, 42, __, __, __

12, 15, 18, __, __, __

1, 4, 7, __, __, __

22, 25, 28, __, __, __

15, 12, 9, __, __, __

99, 96, 93, __, __, __

66, 63, 60, __, __, __

40, 37, 34, __, __, __



Phiriisikhulu hu na ṭhiraigiri (baisigiri dza malinga mararu) dza 10.
Hu ɔ vha hu na malinga mangana a ṭhiraigiri?



Teacher:

Sign:

Date:

Muandiso: $\times 4$

Hu na mąlegere mangana kha ąafula inwe na inwe?



Fhedzisani zwi tevhelaho.

zwigwada zwa 3 zwa 4 $4 + 4 + 4 =$

$3 \times 4 = \square$

zwigwada zwa 2 zwa 4 $4 + 4 =$

$2 \times 4 = \square$

zwigwada zwa 4 zwa 4 $4 + 4 + 4 + 4 =$

$4 \times 4 = \square$

zwigwada zwa 6 zwa 4 $4 + 4 + 4 + 4 + 4 + 4 =$

$6 \times 4 = \square$

zwigwada zwa 7 zwa 4 $4 + 4 + 4 + 4 + 4 + 4 + 4 =$

$7 \times 4 = \square$



Itani nyolo ya zwi tevhelaho.

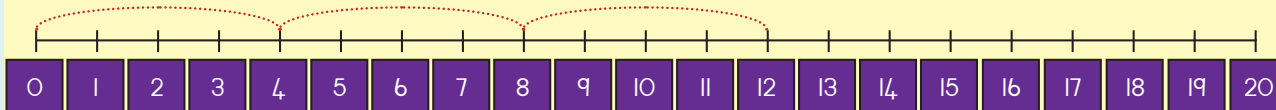
zwigwada zwa 3 zwa 4

zwigwada zwa 4 zwa 4

zwigwada zwa 5 zwa 4



Itani nyolo ya zwi tevhelaho.



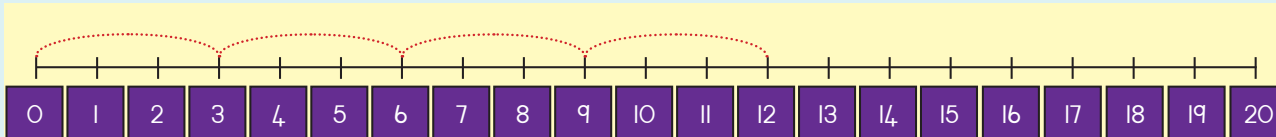
4, 8, ____

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

$$\text{zwigwada zwa } 3 \text{ zwa } 4 = \boxed{}$$

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

Nyolo



3, 6, 9, ____

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

$$\text{zwigwada zwa } 4 \text{ zwa } \boxed{} = \boxed{}$$

$$4 \times \boxed{} = \boxed{}$$

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

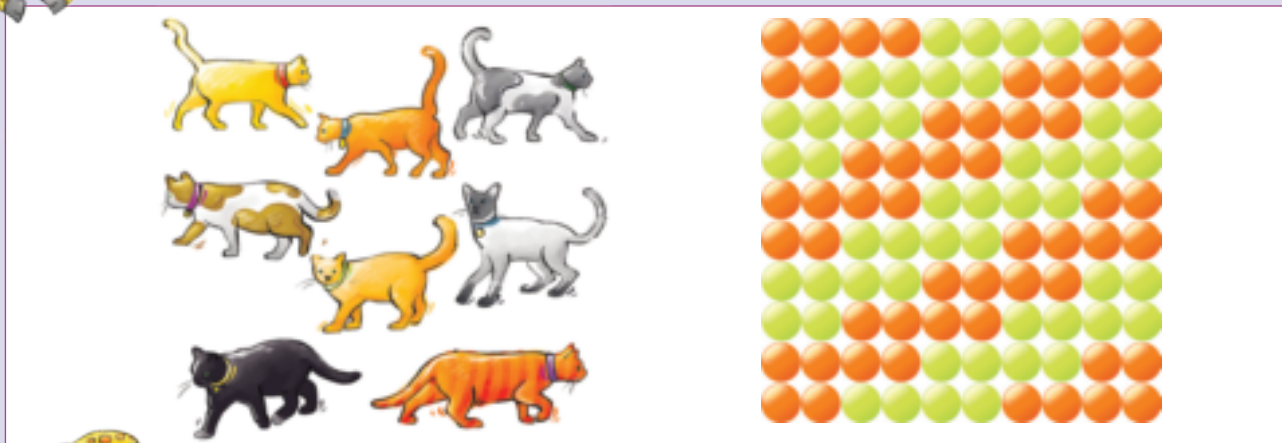
53

Themo ya 2

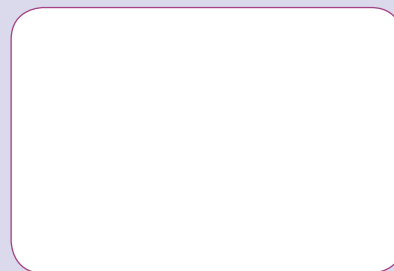
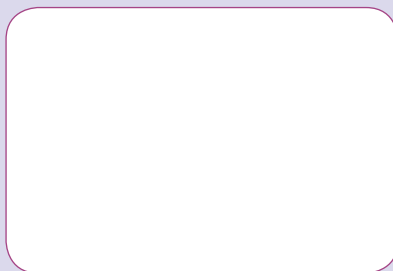
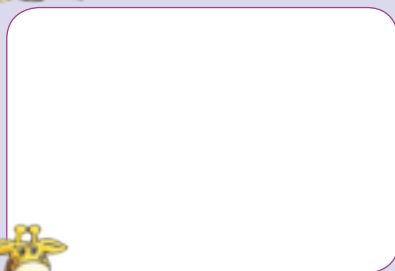


Phatheni dza nomboro: Nga nṅanna

Kha ri vhale nga nṅa.



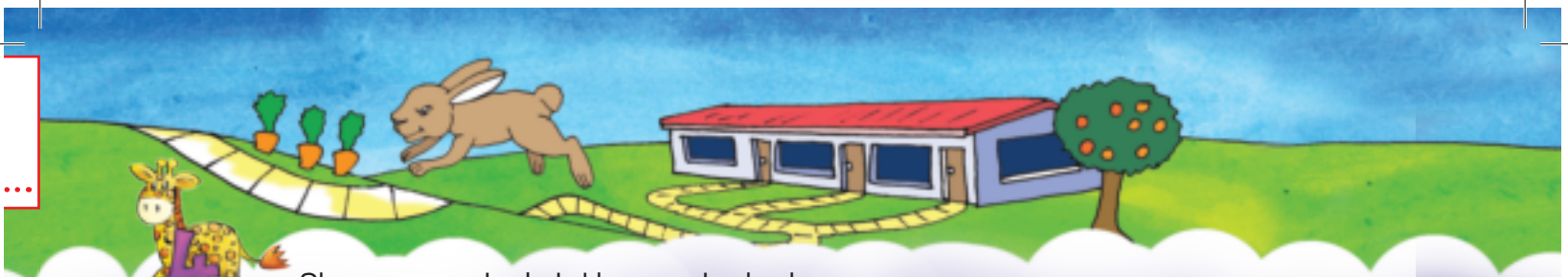
Olani kana ni nambatedze zwithu zwi ḡaho nga zwiṅa.



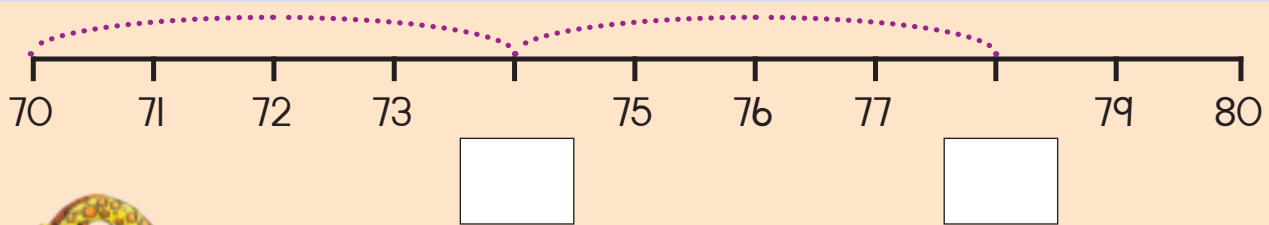
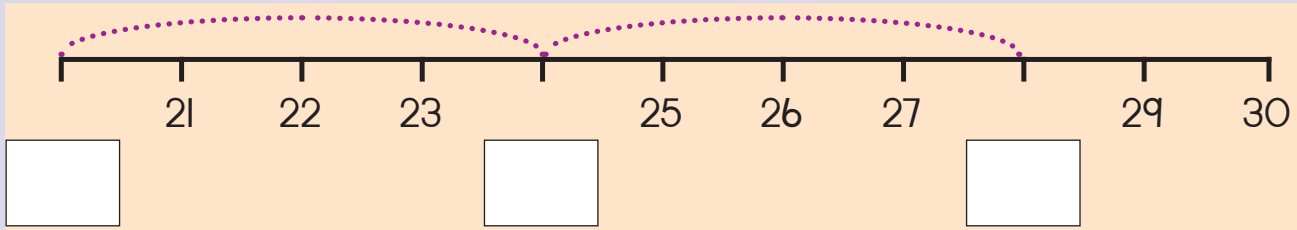
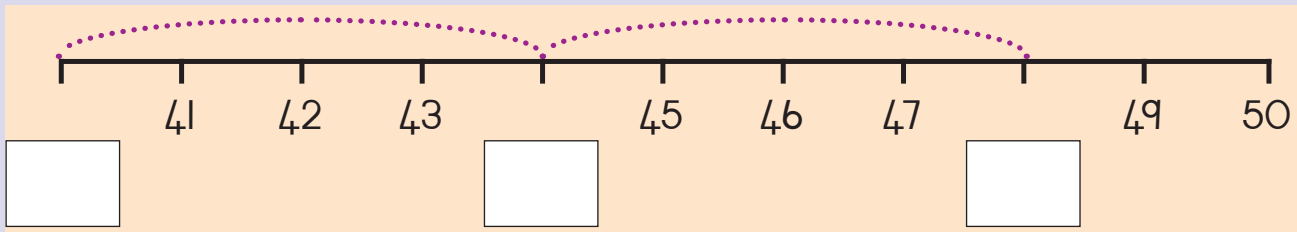
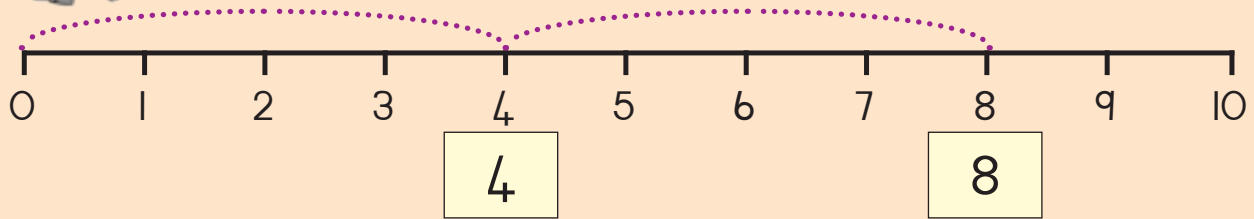
Ro ni thomela phetheni. I fhedziseni.

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

Deithi:



Shumisani mitalombalo kha u riwala phatheni.



Fhedzisani zwi tevhelaho.

4, 8, 12, __, __, __

28, 32, 36, __, __, __

12, 16, 20, __, __, __

1, 5, 9, __, __, __

42, 46, 50, __, __, __

20, 16, 12, __, __, __

48, 44, 40, __, __, __

60, 56, 52, __, __, __

70, 66, 62, __, __, __



Hu na phakhethe nna dza mabesikitsi.

Ndo rengisa phakhethe dza 9. Ndo rengisa mabesikitsi mangana?



Teacher:

Sign:

Date:

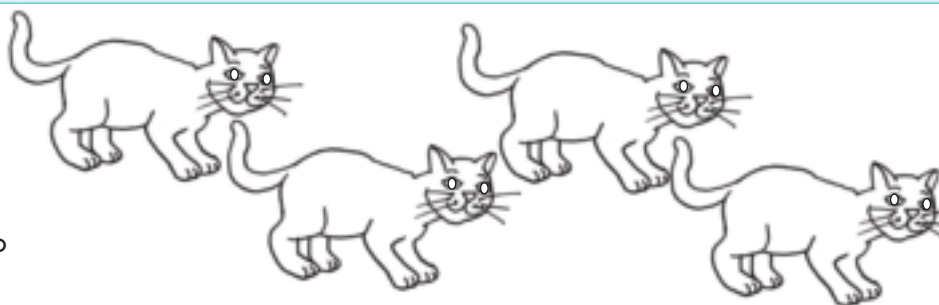
Zwiṭori zwa muandiso hafhu

Diiteleni tshiṭori ni tshi shumisa maipfi a no nga maṭo, milenzhe, zwanda, ṅayo, zwipuka, vhathu. Nwalani nomboro kha tshiṅwe na tshiṅwe.



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

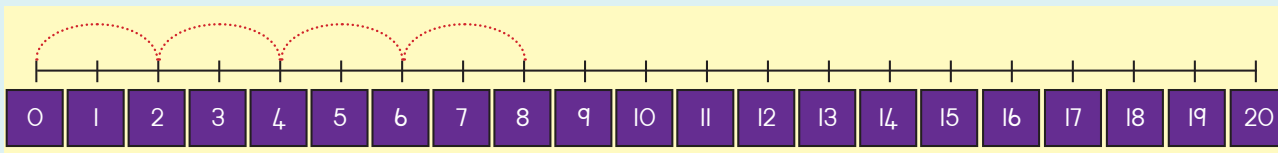
Khalarani maṭo
a zwimange.



Sumbedzani nga zwivhaleli.



Sumbedzani kha mutalombalo.



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

$$\square \times \square = \square$$



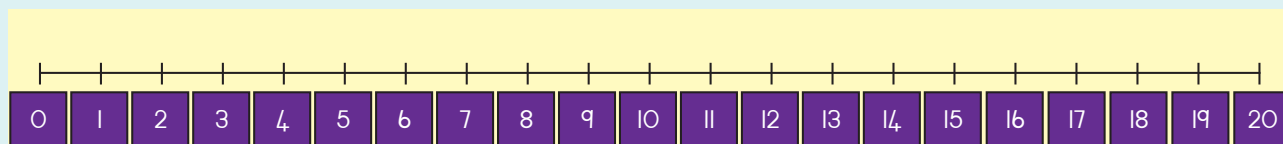
Baisigiri ya malinga mararu i na malinga 3.
Ndi malinga mangana ane baisigiri dza malinga mararu 5 dza vha nao?



Khalarani baisigiri ya malinga mararu.

Sumbedzani nga zwivhaleli.

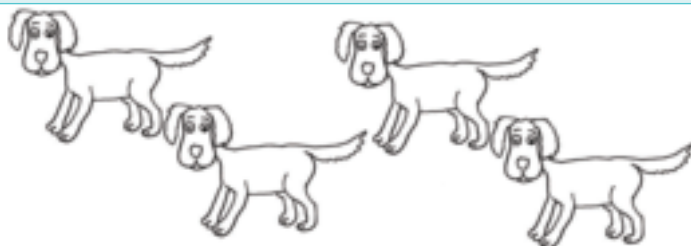
Sumbedzani kha mutalombalo.



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

$$\boxed{} \times \boxed{} = \boxed{}$$

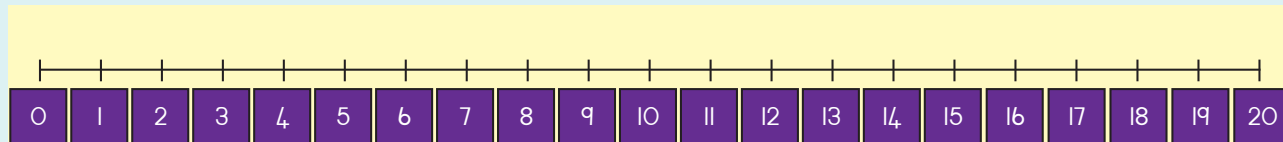

Mmbwa i na milenzhe 4. Ndi milenzhe mingana i ne mmbwa 4 dza vha nayo?



Khalarani milenzhe ya mmbwa.

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.



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

$$\boxed{} \times \boxed{} = \boxed{}$$


Teacher:

Sign:

Date:

55

Themo ya 2



Ambani nga watshi.

Awara/Iri

Deithi:



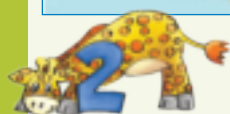
Lunanga lupfufhi lu ri sumbedza awara.
Afha lu khou ri sumbedza **awara dza 7**.

Lunanga lwa watshi lu a monamona.

Lwa monamona, lwa monamona.

Lunanga lwa watshi lu a monamona.

Lwa monamona, lwa monamona. Lu tshi ri vhudza tshifhinga.



Lunanga lupfufhi lu ri sumbedza mini?



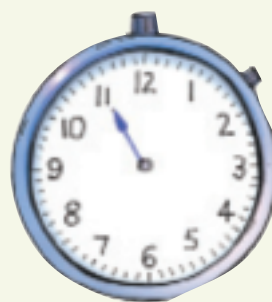
awara ya



awara dza



awara dza



awara dza



awara dza



awara dza



awara dza



awara dza



awara dza



awara dza



awara dza



awara dza



Olani lunanga 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 yothe u tshi tshi ita? Khalarani phindulo i re yone.



U ita tshunwahaya



U edela



U tamba mano



Teacher:

Sign:

Date:

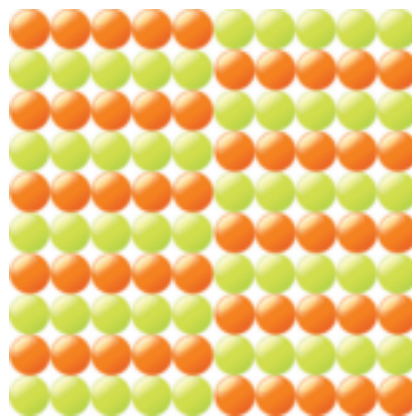
56

Themo ya 2

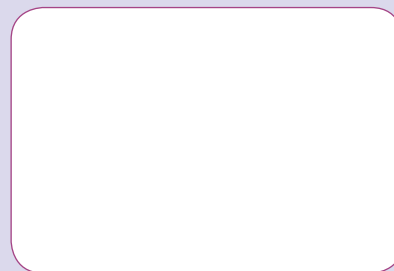
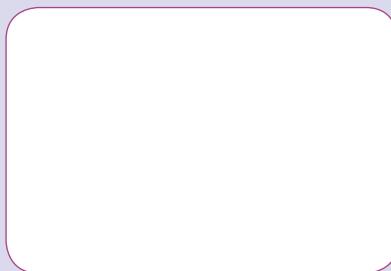
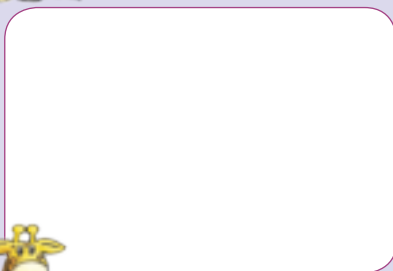


Phetheni dza nomboro: Nga ṭhanu

Kha ri vhale nga ṭhanu.



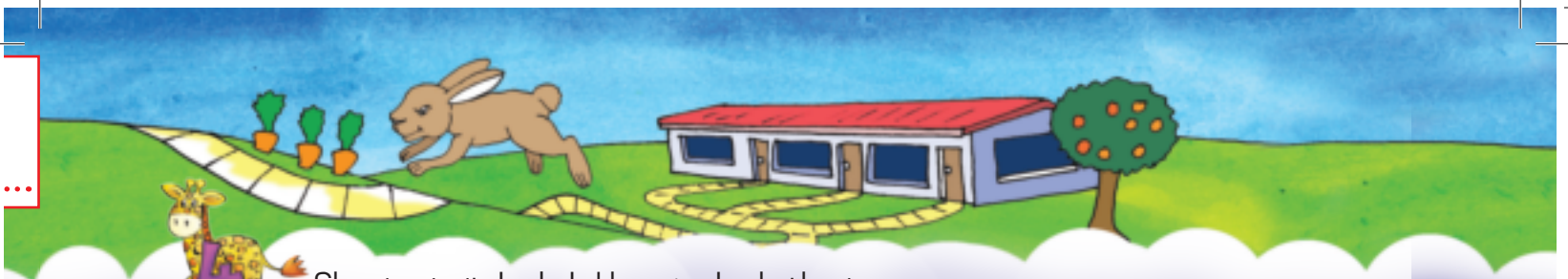
Olani kana ni nambatedze zwithu zwi daho nga zwi~~ṭ~~anu.



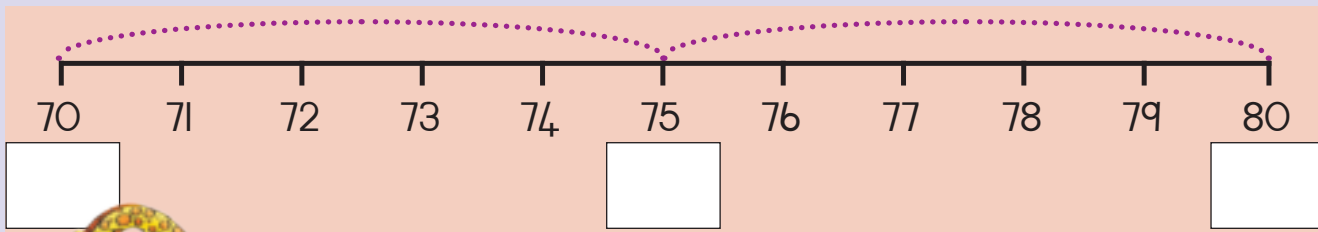
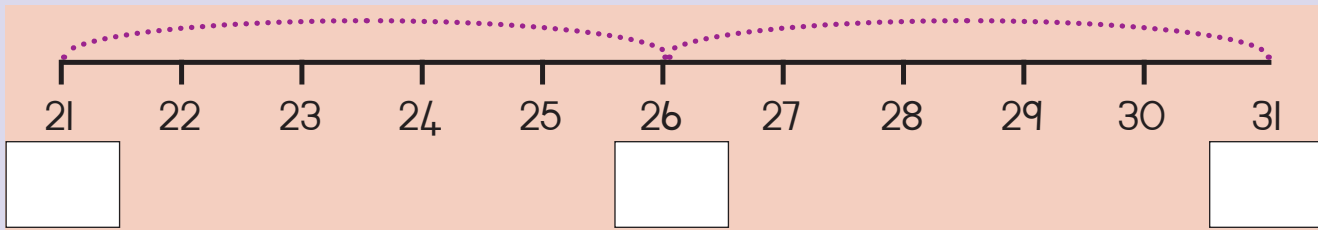
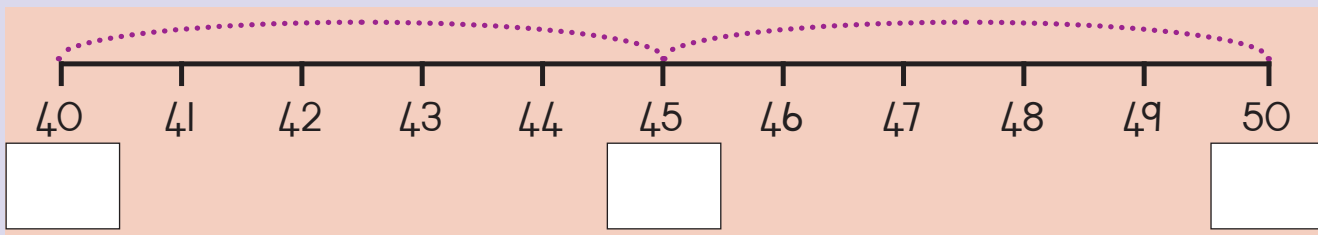
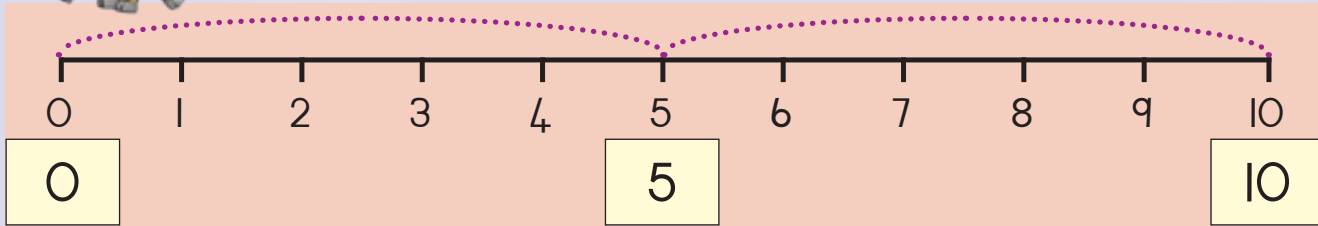
Ro ni thomela phetheni. I fhedziseni.

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

Deithi:



Shumisani mitalombalo kha u riwala phetheni.



Fhedzisani zwi tevhelaho.

5, 10, 15, __, __, __

20, 25, 30, __, __, __

30, 35, 40, __, __, __

1, 6, 11, __, __, __

23, 28, 33, __, __, __

25, 20, 15, __, __, __

50, 45, 40, __, __, __

60, 55, 50, __, __, __

54, 49, 44, __, __, __



5 10 15 20 25 30 35 40 45 50



Teacher:

Sign:

Date:

57a

Themo ya 2



Deithi:

Miminete

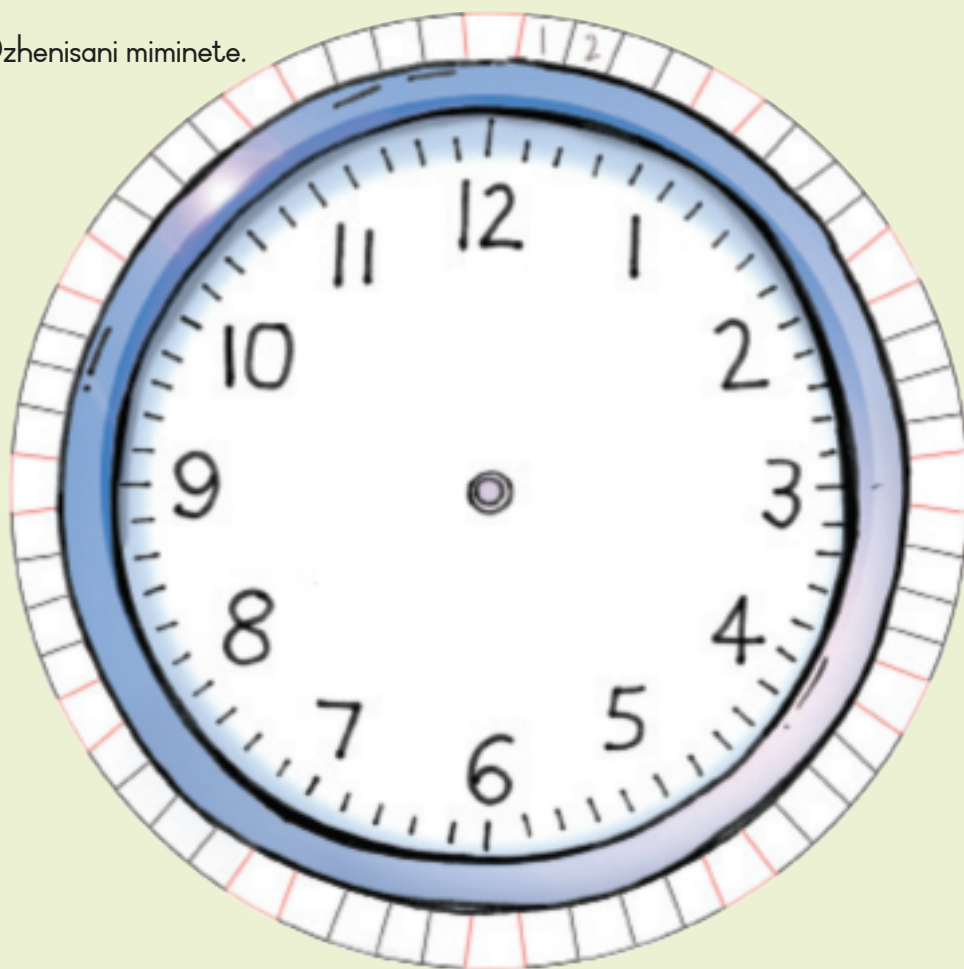
Ri shumisa mitalo mipfufhi mitswu i re kha watshi nga phanda kha u ita mini?



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



Dzhenisani miminete.



Nwalani nomboro kha zwikwea zwitswuku haf'ha.

--	--	--	--	--	--	--	--	--	--	--	--



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



Teacher:
Sign:
Date:

57b

Themo ya 2



Ambani nga watshi.

Miminete hafhu

Deithi:



Luṅanga lulapfu lu ri sumbedza miminete.
Afha lu khou ri sumbedza **miminete ya 10**.

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



Luṅanga lulapfu lu ri sumbedza mini?



miminete ya



miminete ya



miminete ya



miminete ya



miminete ya



miminete ya



Olani lunanga
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? Khalarani phindulo i re yone.



Ufhufha



Utamba



Ula



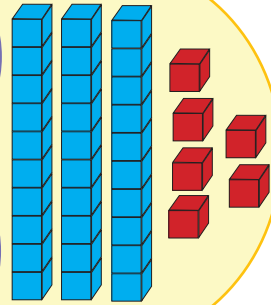
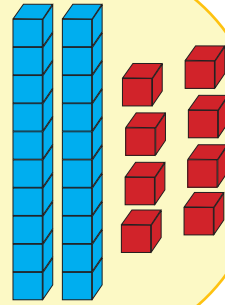
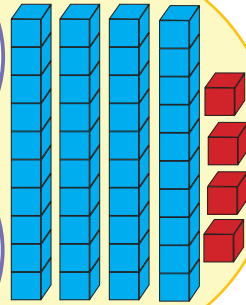
Teacher:

Sign:

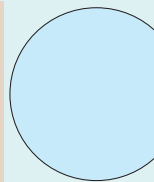
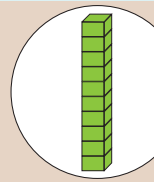
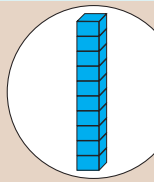
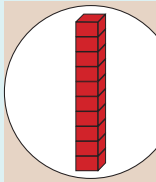
Date:

U vhea nga zwigwada na u kovhana

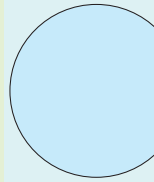
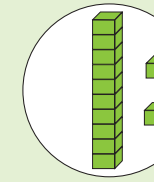
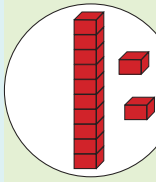
Hu na zwiḃuloko zwingana tshitendeledzeni tshinwe na tshinwe? Zwi kovhelani vhana nga ṅdila i no lingana.



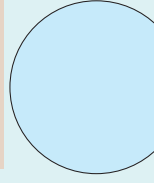
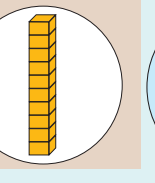
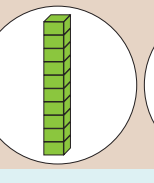
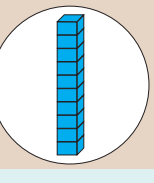
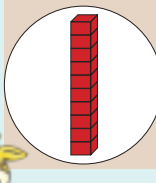
Ndi zwiḃuloko zwingana zwi re kha tshitengeledzi tshinwe na tshinwe? Nwalani tḥanganyelo i re kha tshitengeledzi tsha lutombo.



$$\square \times \square = \square$$



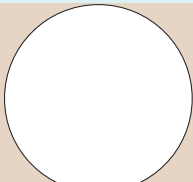
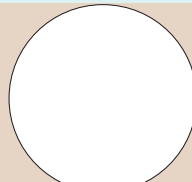
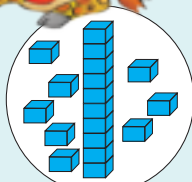
$$\square \times \square = \square$$



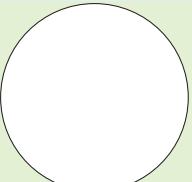
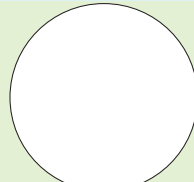
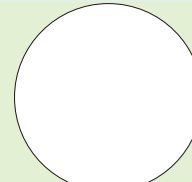
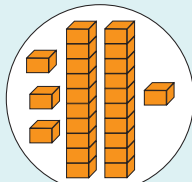
$$\square \times \square = \square$$



Kovhani zwiḃuloko kha zwiṱendeledzi nga ṅdila i no lingana.



$$\square \text{ mukovhelo } \square = \square$$



$$\square \text{ mukovhelo } \square = \square$$



Olani zwi tevhelaho. Nwalani t̥hanganyelo ya tshinwe na tshinwe.

Zwigwada 3 zwa 2



Mbalo ya u t̥anganyisa:



Mbalo ya u andisa:

Zwigwada 2 zwa 14



Mbalo ya u t̥anganyisa:



Mbalo ya u andisa:

Kovhani zwivhaleli zwa 12 nga 4



Mbalo ya u t̥usa:



Mbalo ya mukovhelo (mukovho):

Kovhani zwivhaleli zwa 36 nga 3



Mbalo ya u t̥usa:



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?



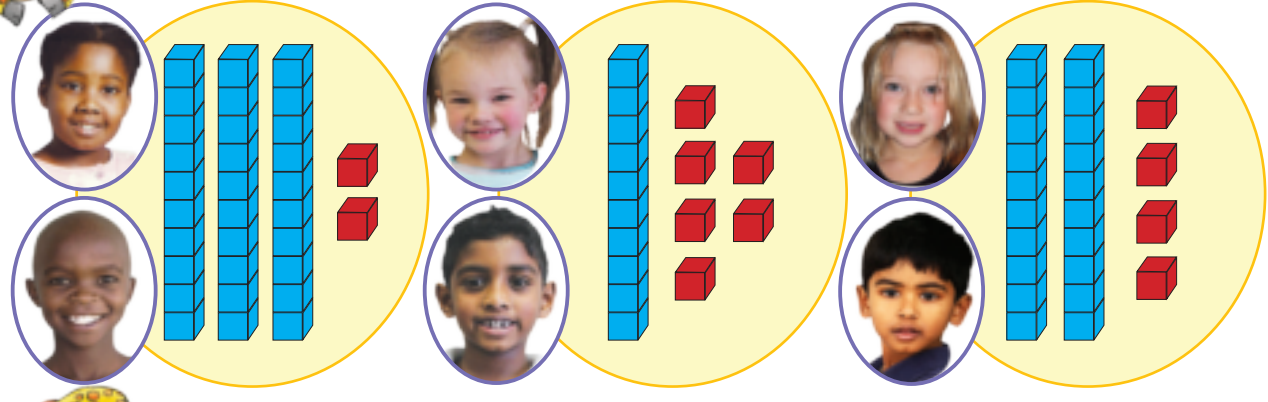
Teacher:

Sign:

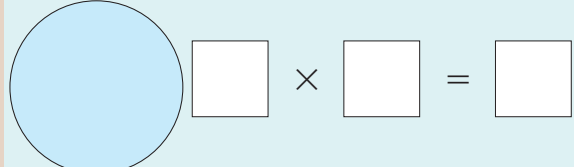
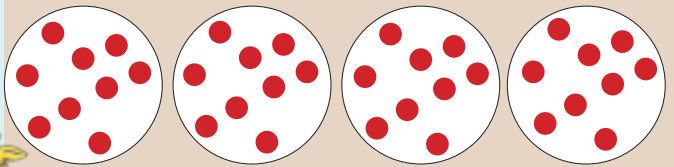
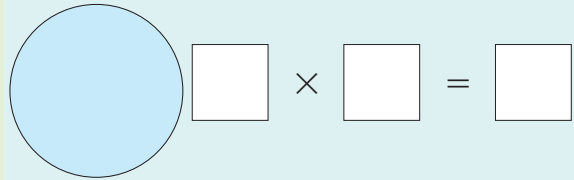
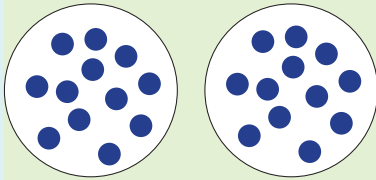
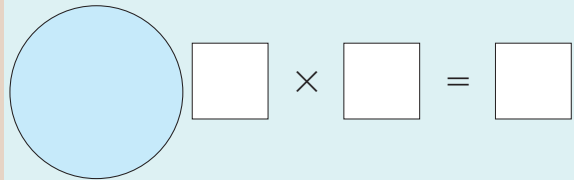
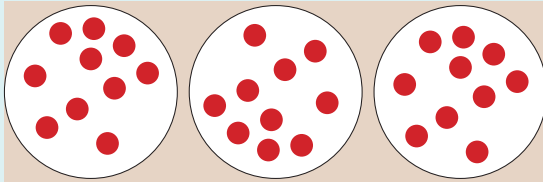
Date:

U vhea nga zwigwada na u kovhekana haf'hu

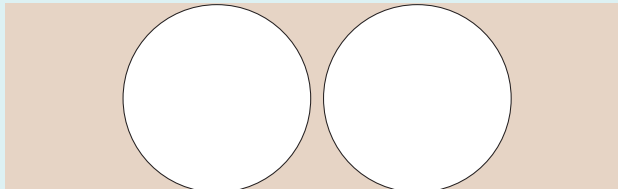
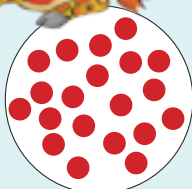
Hu na zwibuloko zwingana tshitendeledzeni tshinwe na tshinwe? Zwi kovhelani vhana nga ndila i no lingana.



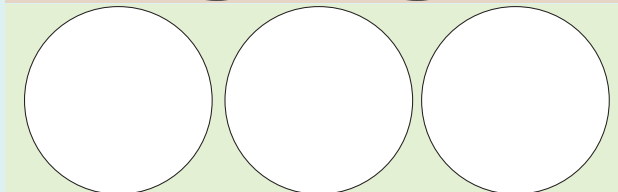
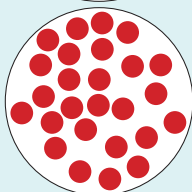
Ndi zwivhaleli zwingana zwi re kha tshitendeledzi tshinwe na tshinwe? Nwalani tshanganyelo kha tshitendeledzi tsha lutombo.



Kovhani zwivhaleli kha zwitendeledzi.



$$\square \text{ mukovhelo } \square = \square$$



$$\square \text{ mukovhelo } \square = \square$$



Olani zwi tevhelaho. Nwalani ṭhanganyelo ya tshinwe na tshinwe.

Zwigwada 3 zwa 12



Mbalo ya u ṭhanganyisa:



Mbalo ya u andisa:

Zwigwada 5 zwa 10



Mbalo ya u ṭhanganyisa:



Mbalo ya u andisa:

Kovhani zwivhaleli zwa 24 nga 4



Mbalo ya u ṭusa:



Mbalo ya mukovhelo (mukovho):

Kovhani zwivhaleli zwa 25 nga 5



Mbalo ya u ṭusa:



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 kovhili



Teacher:

Sign:

Date:

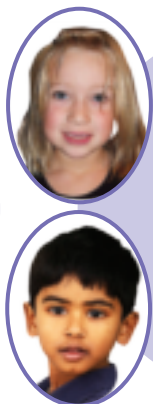
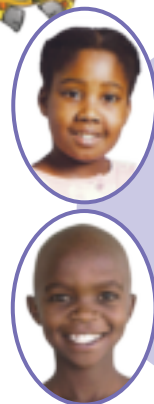
60

Themo ya 2

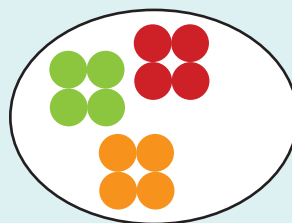
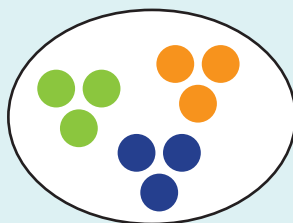
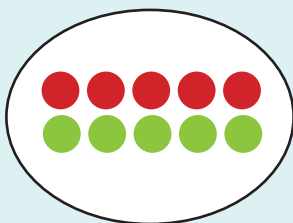
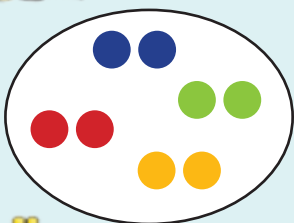
Deithi:

U vhea nga zwigwada na u kovhekana haf'huhaf'hu

Hu na zwiḅuloko zwingana tshitendeledzeni tshinwe na tshinwe? Zwi kovhelani vhana nga ndila i no lingana.



Ndi zwivhaleli zwingana zwi re kha tshitengeledzi tshinwe na tshinwe?





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











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

thiraiengele



zwikwea













Kovhelani vhana mitshelo. U oleni.



maswiri



maapula













Mulalo na Belinda vha kovhana malegere a 12 a tshi lingana. Muñwe na muñwe o wana malegere mangana?



Teacher:

Sign:

Date:

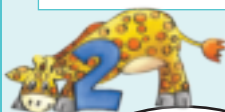
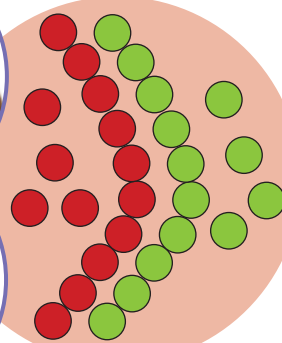
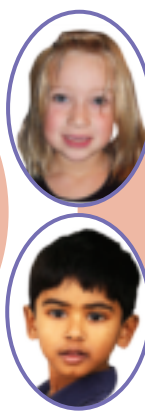
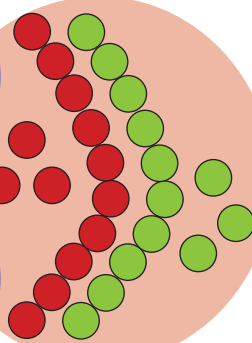
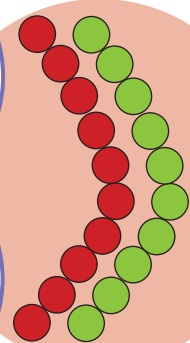
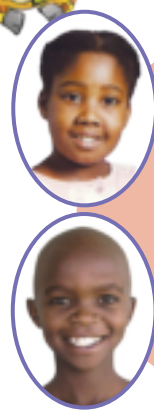
6l

Themo ya 2

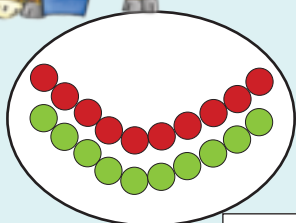
Deithi:

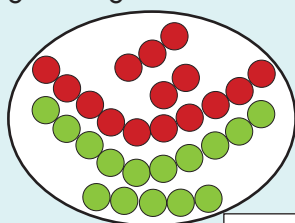
U vhea nga zwigwada na u kovhana

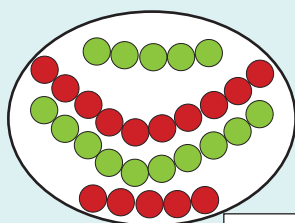
Ndi vhulungu vhungana he na vhala kha tshitendeledzi tshinwe na tshinwe. Vhu kovheni kha vhana.

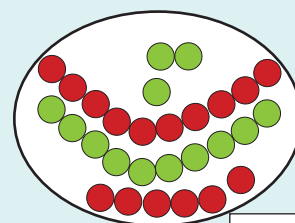


Ndi vhulungu vhungana he na vhala kha tshitendeledzi tshinwe na tshinwe?











Gerani vhulungu u bva kha Tshigenwa 4 (Khethekanyo ya Bammbiri la u shumela la 6l) ni vhu nambatedze hafha. Vhalani malungu.

Vhulungu vhwtswuku

Vhulungu ha lutombo

Vhulungu ha tãda

Vhulungu vhudala



Olani tshivhalo tsha vhulungu tshilinganaho riwana muṛwe na muṛwe.



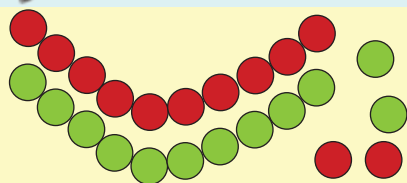




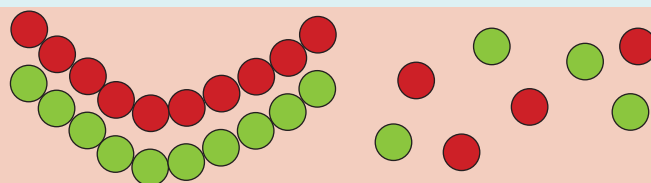




Kovhelani vhana vhulungu. Vhu oleni.















Busi na Zaheda vha kovhekana penisela dza 32 dza mivhala vha tshi lingana. Muṛwe na muṛwe o wana penisela nngana?



Teacher:

Sign:

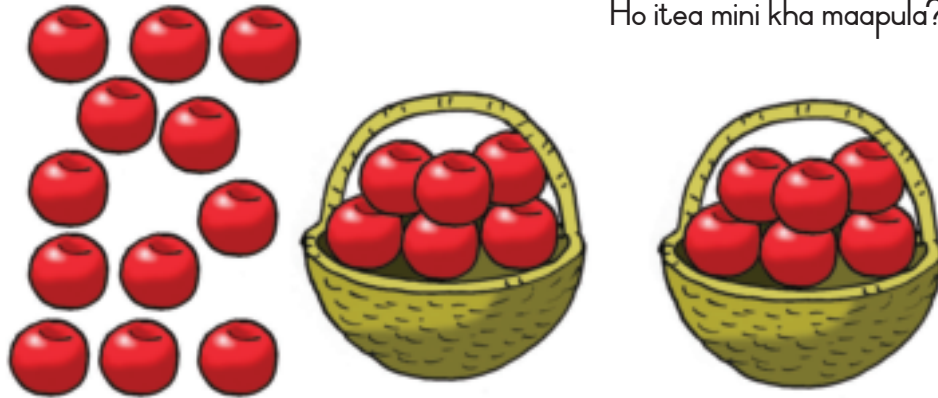
Date:



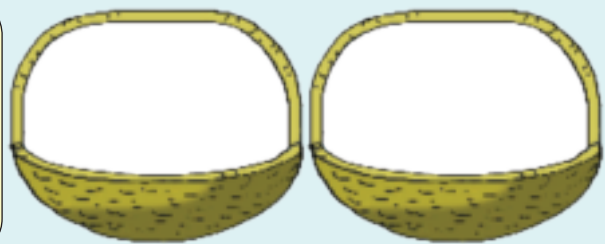
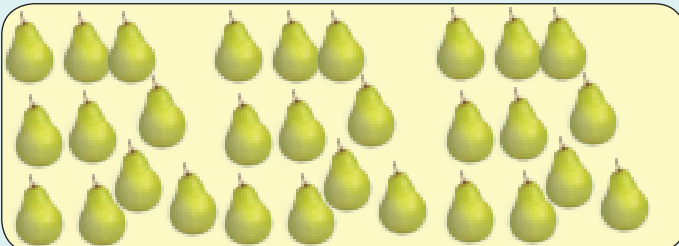
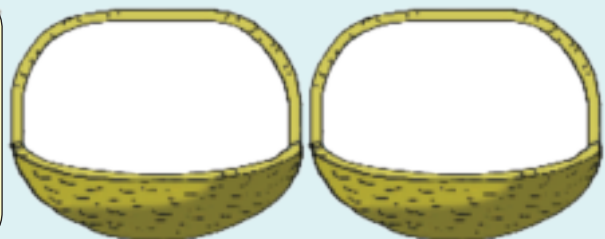
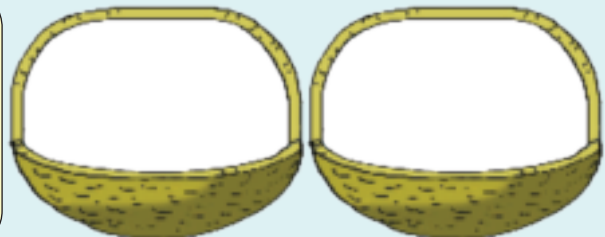
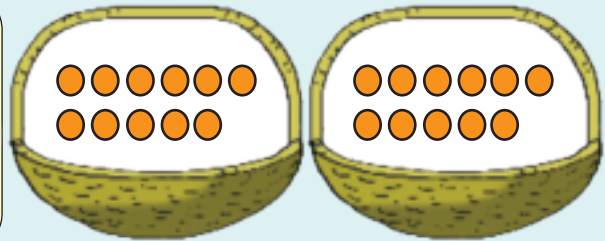
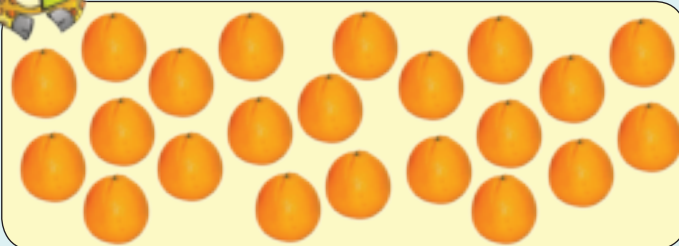
Deithi:

Dzihafu: 1 – 20

Ho itea mini kha maapula?

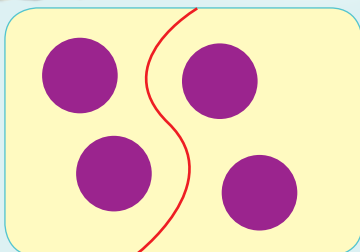


Kovhani mitshelo i re kha tsha monde kha manngi i re kha tsha ula. I oleni.



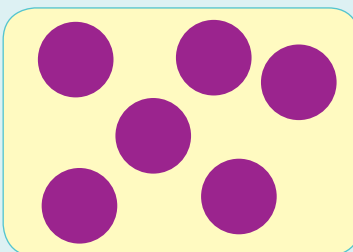


Olani mutalo ni tshi sumbedza hafu.

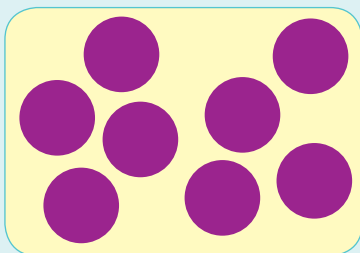


Hafu ya 4 ndi

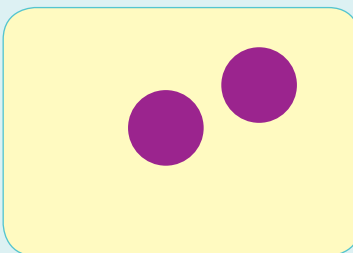
2



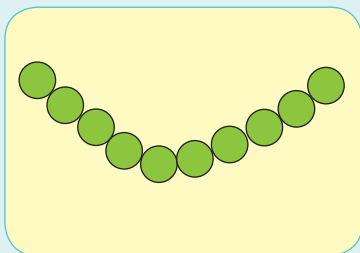
Hafu ya 6 ndi



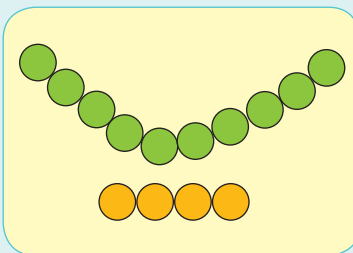
Hafu ya 8 ndi



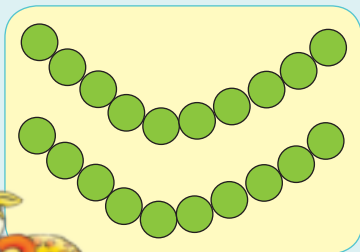
Hafu ya 2 ndi



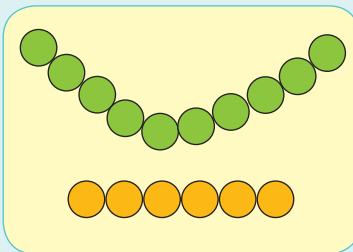
Hafu ya 10 ndi



Hafu ya 14 ndi



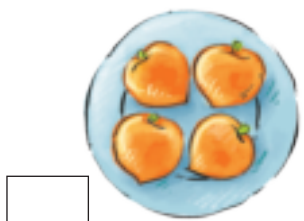
Hafu ya 20 ndi

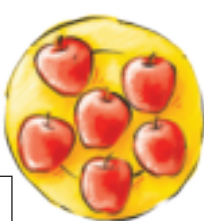


Hafu ya 16 ndi



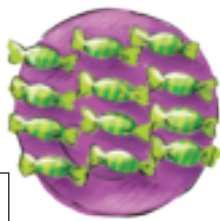
Hafu ya phuleithi inwe na inwe ya zwiliwa ndi mini?

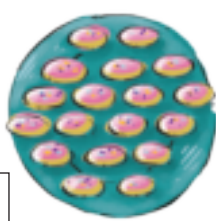


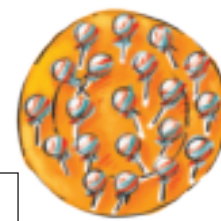














Teacher:

Sign:

Date:

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Themo ya 2

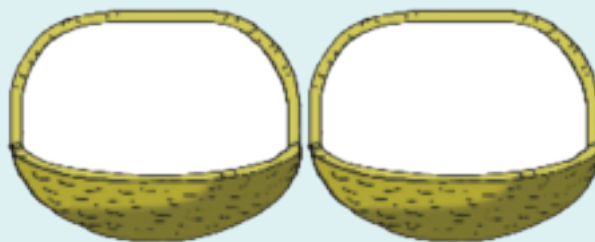
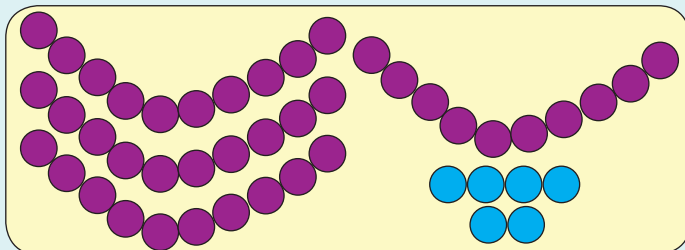
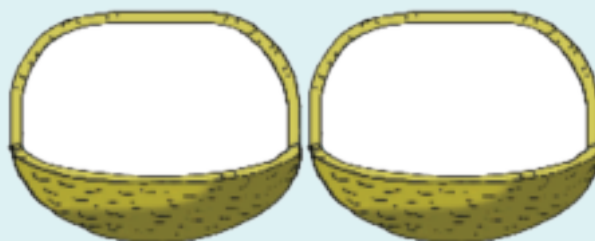
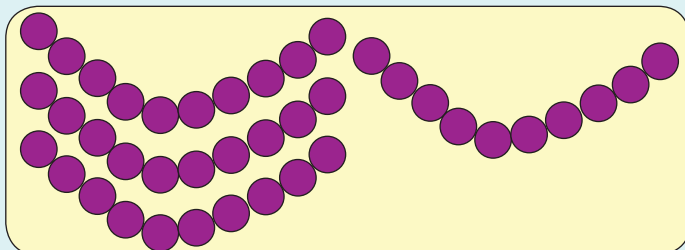
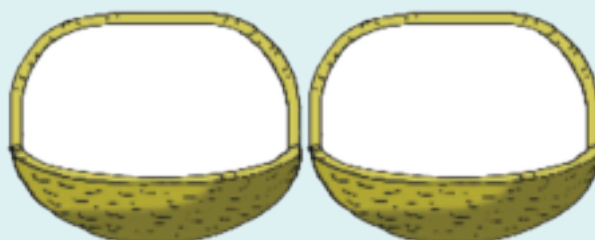
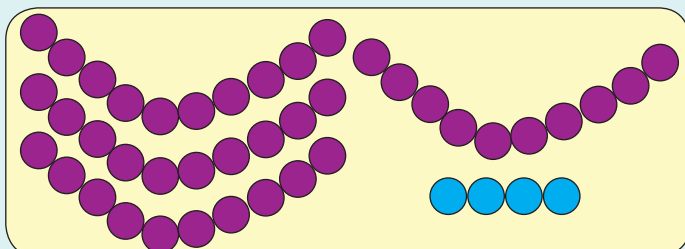
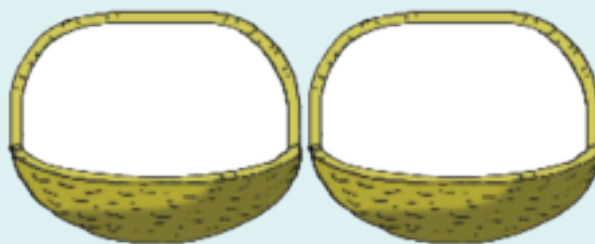
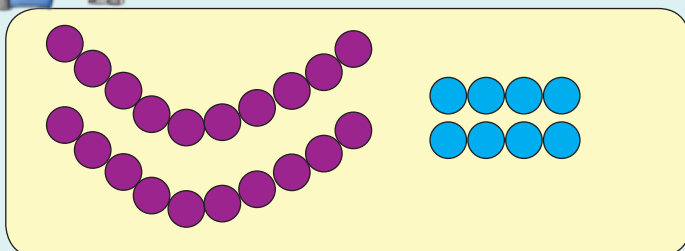
U kovhana 20 – 50

Deithi:

Ho itea mini kha vhulungu?

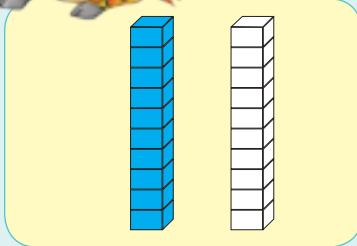


Kovhani vhulungu vhu re kha tsha monde kha manngi i re kha tsha uḽa. Vhu oleni.

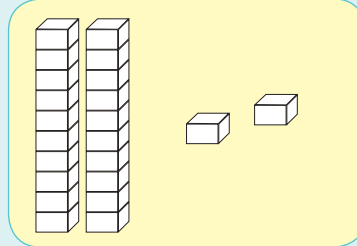




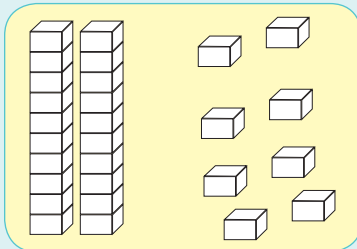
Itani hafu nthihi nga muvhala muniwevho.



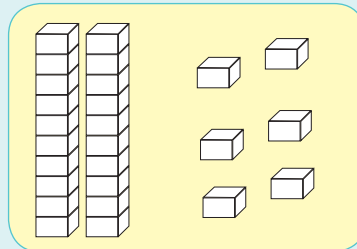
Hafu ya 20 ndi



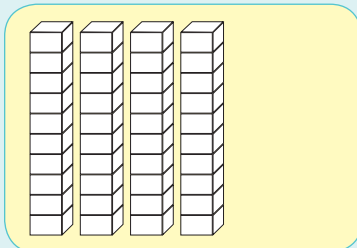
Hafu ya 22 ndi



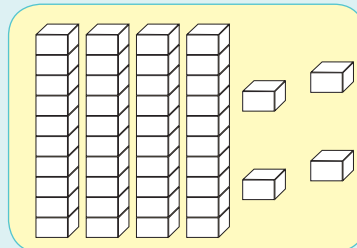
Hafu ya 28 ndi



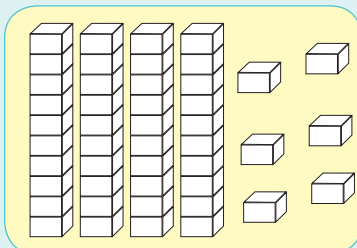
Hafu ya 26 ndi



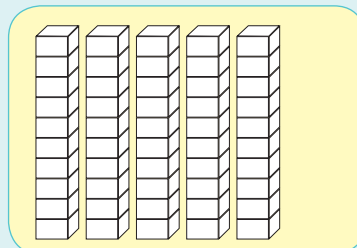
Hafu ya 40 ndi



Hafu ya 44 ndi



Hafu ya 46 ndi



Hafu ya 50 ndi



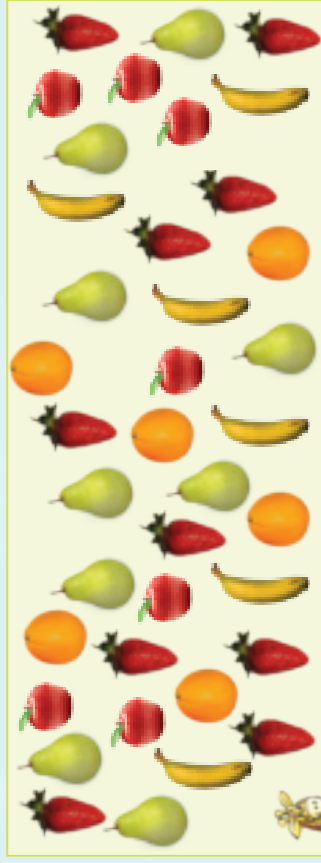
Khalarani hafu ya daigireme inwe na inwe.



Teacher:

Sign:

Date:



Nanguludzani (vhekanyani) mitshelo. Itani ngolo yaru inwi munye ya u sumbedza kunanguludzele. Nwalani t'hanganyelo tshibogisini.

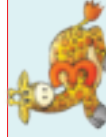
Ndo kuvhanganya
mitshelo i no fana
fihethu huthihi ndi tshi
shumisa u nanguludza.



Olani girafu ya zwifanyiso ya mitsshelo ye na nanguludza.

Sedzani mits'helo ni f'hindule mbudziso.

[illegible]

Ndi mits'helo if'hio i re minzhi?

[illegible]

Ndi mitshelo ifhio i re mituku?

1000 JOURNAL OF CLIMATE



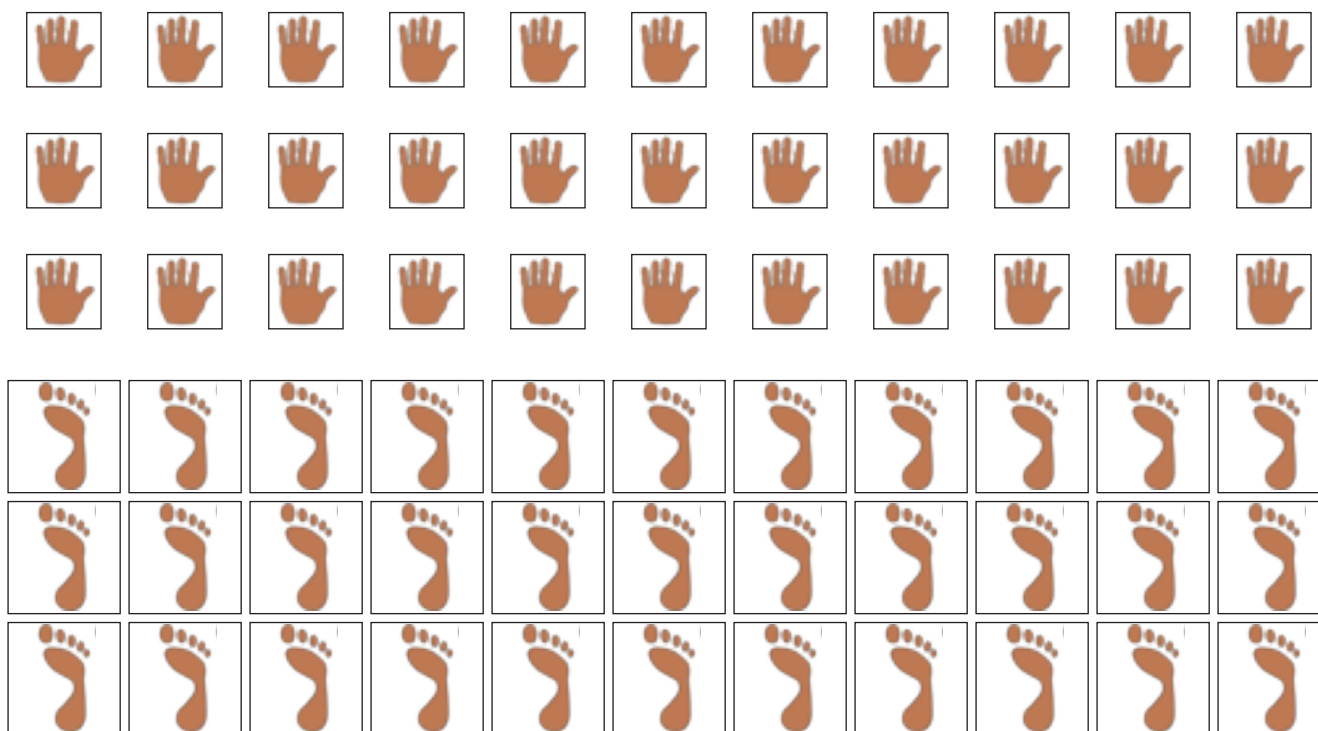
Teacher:

Sign:

Date:

Tshigeriwa I

Mabammbiri a u shemela a 10 na 40



Bammbiri ̣a u shemela ̣a 13

matshelonitsheloni

mathabama

masiari

vhusiku

vhusikusiku

matsheloni na
maṭavhelo

Tshigeriwa 2

Bammbiri la u shumela la 22

Zwiwo zwa divhazwakale

Duvha la Pfanelo
dza Vhathu

Duvha la
Vhupfumedzani

Duvha la Vhashumi

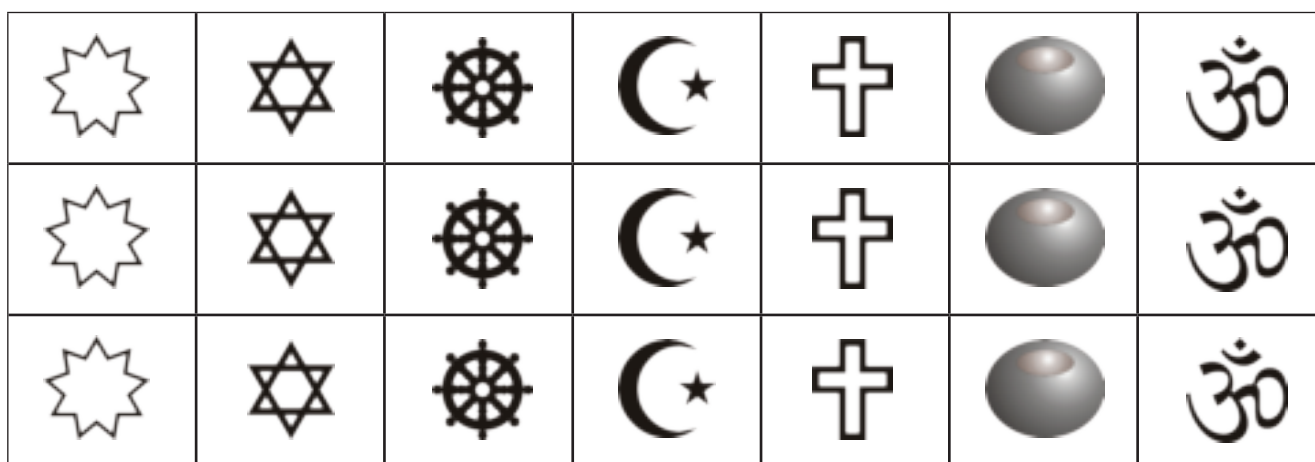
Duvha la Vhaswa

Duvha la Vhufa

Duvha la
Vhafumakadzi la
Lushaka

Duvha la
Mbofholowo

Zwiga zwa vhurereli



Tshibahai Tshiyuda Tshibuda Tshiisilamu Tshikhriste Vhurereli
ha
Tshiafrika

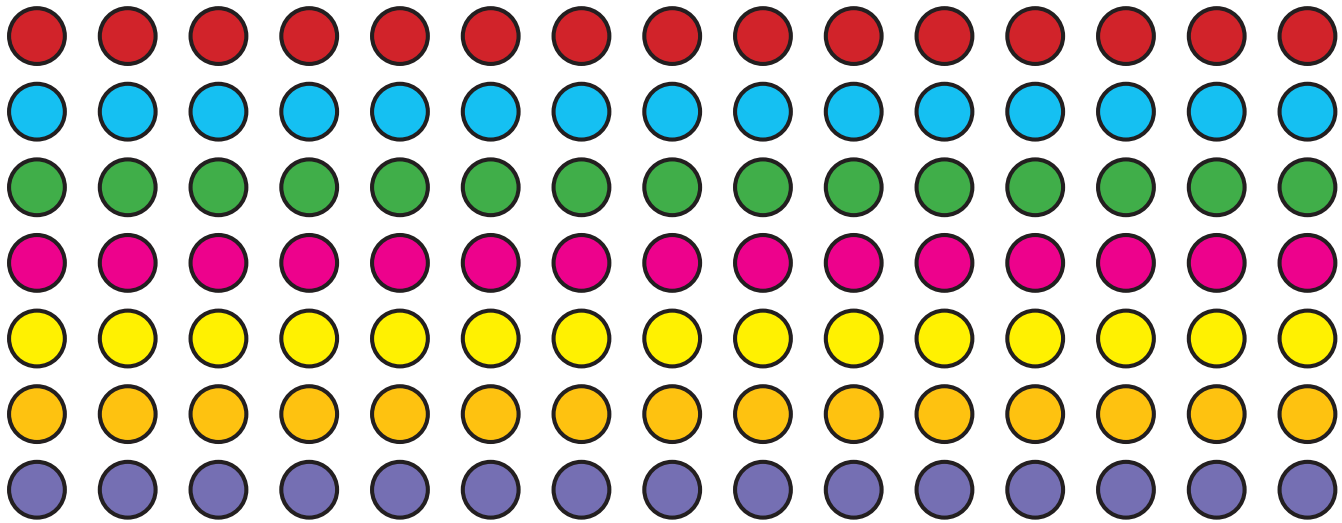
Cut-out 3

Worksheets 25 and 26

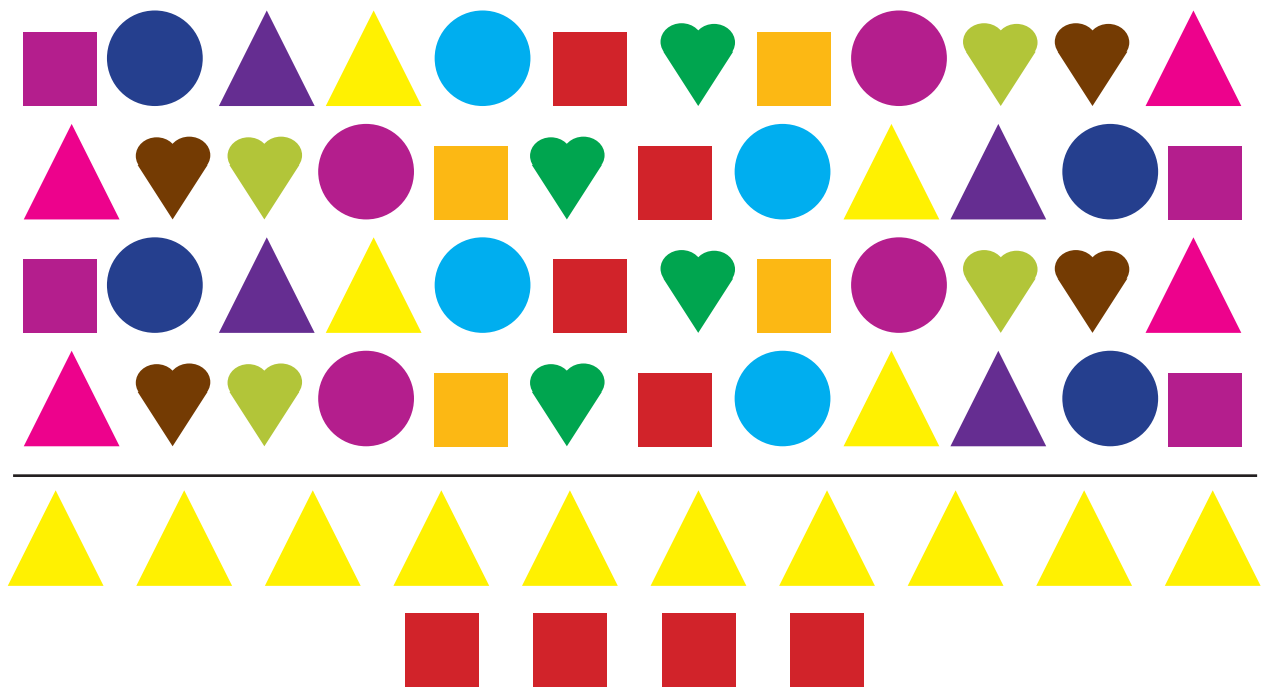


Cut-out 4

Worksheet 27



Worksheet 60



Worksheet 61

