

U țalukanya Mulayotewa (Ndayotewa) wa Riphabułiki ya Afrika Tshipembe (1996)

Milayo ya nřesa ya shango i wanala kha Mulayotewa (Ndayotewa) wa Riphabułiki ya Afrika Tshipembe (1996). Milayo iyi i na maanđa u fhira na muphuresidennde, maanđa ayo a fhira a dzikhothe na a muvhuso woře.

Ndi milayo ine ya laya vhatu vha ĩno shango uri vha tea u farana nga nřilade. Mulayotewa wa shango wo itelwa u tsireledza roře ri no khou tshila zwino na vhana vhashu vhane vha kha ři řo řa.

řalukanyani hune ra bva hone.

Ri songo dovha vhukhaxhi ha mulovha.

Mulayotewa washu u ri thusa uri ri elekanye nga vhumatshelo ha khwiře ha roře khathihi na u vhu fhařa.

Rine, vhatu vha Afrika Tshipembe;

Ri dzhiela nřha u shaea ha vhumukanyi kha tshifhinga tsho fhelaho;

Ri řhonifha havho vhe vha tambulela vhumukanyi na mbofholowo kha shango řashu;

Ri řhonifha havho vhe vha shuma vha tshi itela u fhařa na u bveledzisa shango řashu; na

U tenda uri Afrika Tshipembe ndi řa vhoře vhane vha dzula khařo, vho vhořekanywaho vha vha huthihi naho vha sa fani.

Zwenezwo, nga kha vhaimeleli vho khethiwaho zwavhuđi, ri khou řanganedza ino Ndayotewa sa wone Mulayo Muhulusa wa Riphabułiki uri u—

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

Fhaře mitheo kha demokirasi na tshitshavha tshi re khagala hune muvhuso wo řisendeka kha lufuno lwa vhatu nahone vhadzulapo vho tsireledzwa nga mulayo nga nřila I linganaho;

Khwinisa ndeme ya Vhutshilo ha vhadzulapo vhoře na u vhořholola vhekoni ha muthu muřwe na muřwe; na

Fhařa mbumbano na demokirasi zwa Afrika Tshipembe uri ři kone u vha fhethu ho teaho sa muvhuso wo řiimisaho kha muřa wa tshaka.

Shumisani pfanelo dzařu sa mudzulapo wa Afrika Tshipembe ni dovhe ni vhe na vhuđifhinduleli ha u tsireledza pfanelo dza vhařwe.

Đivhani Mulayotibe Wa Pfanelo na Mulayotibe Wa Vhuđifhinduleli.

Mudzimu tsireledza vhatu vhashu.

Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.

God seën Suid-Afrika. God bless South Africa.

Hosi katekisa Afrika.

ISBN 978-1-4315-0002-4



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GRADE 2 – BOOK 1**

TERMS 1 & 2

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ĐIVHAMBALO 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 iwalelwa 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 tshipida tsha zwe Muhasho wa Pfunzo ya Muteo wa ita zwa u khwinisa vhukoni ha vtagudi 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 lambudzwa lu sa vhudziswi nga Muhasho wa Gwama la Lushaka.

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

Ri na fulufhelo lauri bugu idzi dzi do thusa vhadededzi (vhagudisi) mushumoni wavho wa u funza wa duvha linwe na linwe khathihi na u vha na vhuṭanzi uri vha khunyeledze kharikhu lamu yothe. Ro ita nga vhuronwane uri ri sumbedze ndila vhadededzi kha nyito nge ra shumisa aikhoni dzi no sumbedza uri mugudi u tea u ita zwifhio.

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

Ri ri kha vhone na vtagudi 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:

Themo ya 1

Nne na muṭa wa hashu

| | | | | |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ndi na miṅwaha ya malo. | Nomboro ya nṅḁu ya hashu ndi 12. | Ndi nne muṭukusa muṭani wa hashu. | Ndi na khaladzi mbili. | Khotsi anga vha na miṅwaha ya 32. |
|  |  |  |  |  |



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

Dzina ḽanga ndi _____ .

Ndi na miṅwaha ya _____ .

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

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

Ndi dzula ha _____ .

Ndi nnyi muhulwanesa muṭani wa haṅu? _____

ṅwalani uri vha na miṅwaha mingana. _____

Ndi nnyi muṭukusa muṭani wa haṅu? _____

ṅwalani uri u na miṅwaha mingana. _____

Deithi ya ḽamusi ndi _____ .



Olani tshifanyiso tsha muṭa wa haṅu.

A large, empty rectangular box with a dashed border, intended for a drawing or writing.

A row of numbers for tracing, starting with a pencil icon. The numbers are 1, 2, 3, 4, 5, 6, 7, 8, and 9, each formed by a grid of dots.

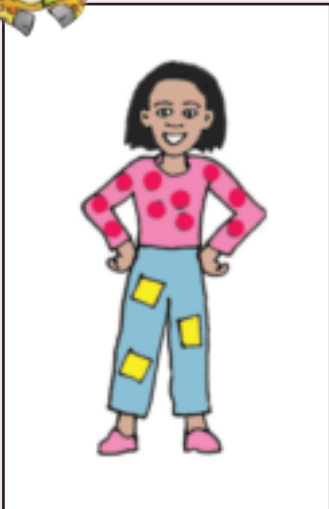


Teacher:
Sign:
Date:

U vhalela



Dadzani zwikhala zwi si na tshithu.

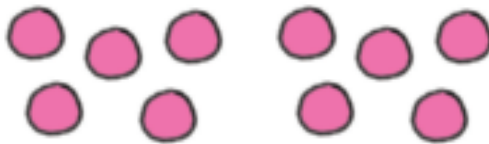


maṭo

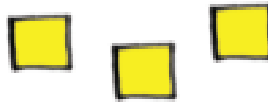


2

zwithoma



zwihaswa



maṭo

zwithoma

zwihaswa



maṭo

zwithoma

zwihaswa

| | |
|--|--|
| | |
| | |
| | |



maṭo

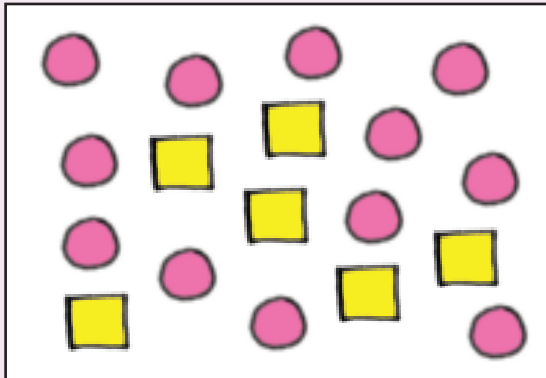
zwithoma

zwihaswa

| | |
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| | |



Kovhani zwithoma na zwihaswa zwi tshi lingana.



.....

.....

.....

.....



Teacher:
Sign:
Date:

3

Deithi:

Themo ya 1

Nomboro

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

1 73 59 ṭahe fuminthihi
 66 35 fumiina rathi
 42 97 ina fumisumbe
 24 32 fumiṭahe fumi




Nwalani tshivhalo tsha mabaloni tshibulokoni.

10 dot patterns for counting practice, each with a small empty box for the answer.



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



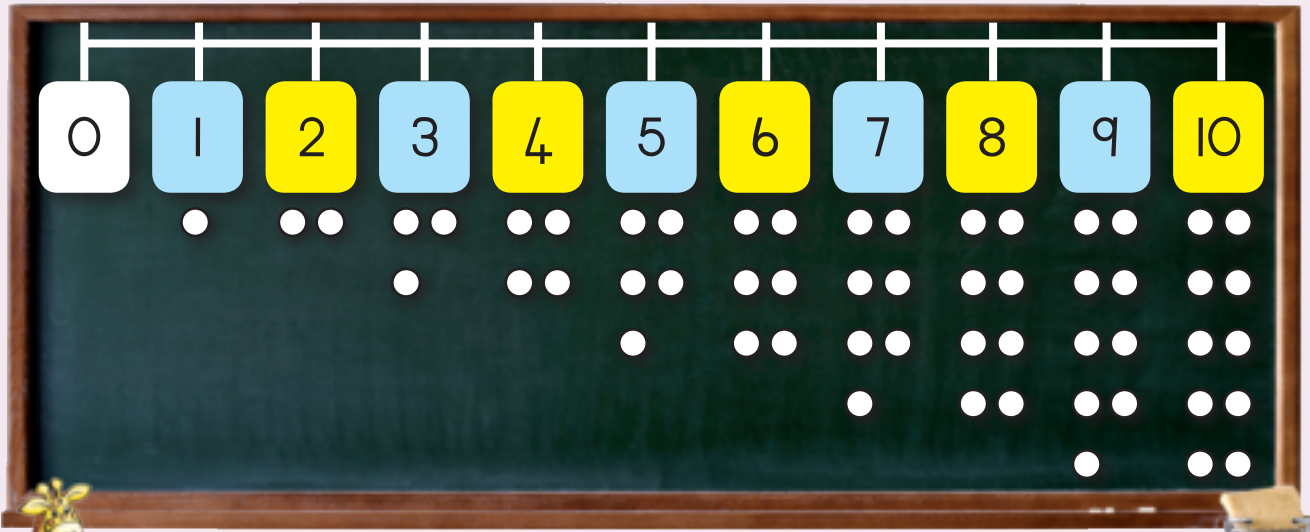
Teacher:
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4

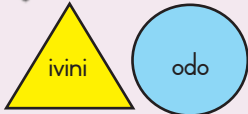
Deithi:

Themo ya l

Nomboro dziñwe haf hu



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 nñdu.





Vhalani mivhala mivhili ya vhulungu.

10 blue dots and 2 red dots

10 blue dots and 3 red dots

10 blue dots and 5 red dots

10 blue dots and 8 red dots

10 blue dots and 9 red dots

Nwalani nomboro ya:

10 + 2 = 12

10 + 3 =

10 + 5 =

10 + 8 =

10 + 9 =

Ri nga i riwala sa:

10 + 2 = 12

+ =

+ =

+ =

+ =



Phindulo ndi ifhio?

| | | |
|-------------------------------|-------------------------------|-------------------------------|
| 10 + 1 = <input type="text"/> | 10 + 9 = <input type="text"/> | 10 + 6 = <input type="text"/> |
| 10 + 8 = <input type="text"/> | 10 + 2 = <input type="text"/> | 10 + 3 = <input type="text"/> |
| 10 + 5 = <input type="text"/> | 10 + 4 = <input type="text"/> | 10 + 7 = <input type="text"/> |



1 3 5 7 9 11 13 15 17 19

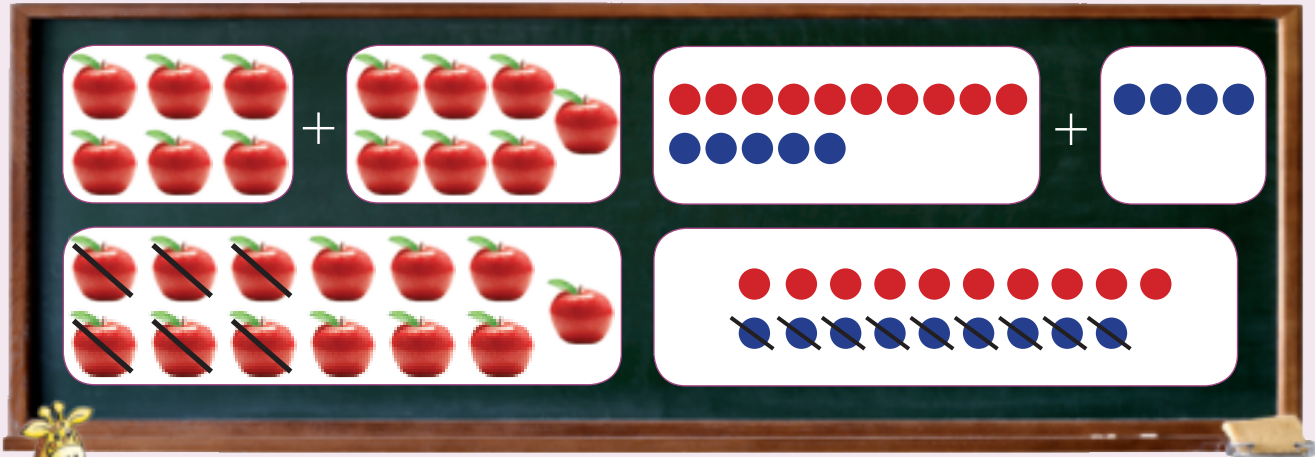
2 4 6 8 10 12 14 16 18 20



Teacher: _____
Sign: _____
Date: _____

Deithi:

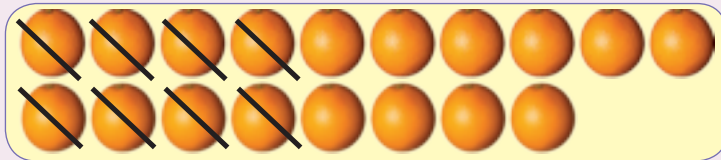
Muṅanganyo na muṅuso



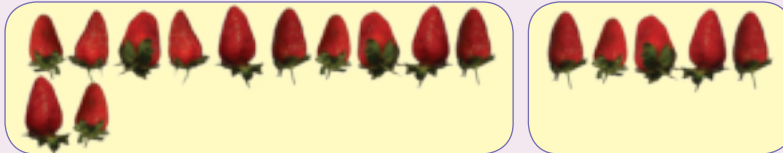
Tanganyani ni ṭuse.



$9 + 8 = \boxed{17}$



$18 - 8 = \boxed{}$



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



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

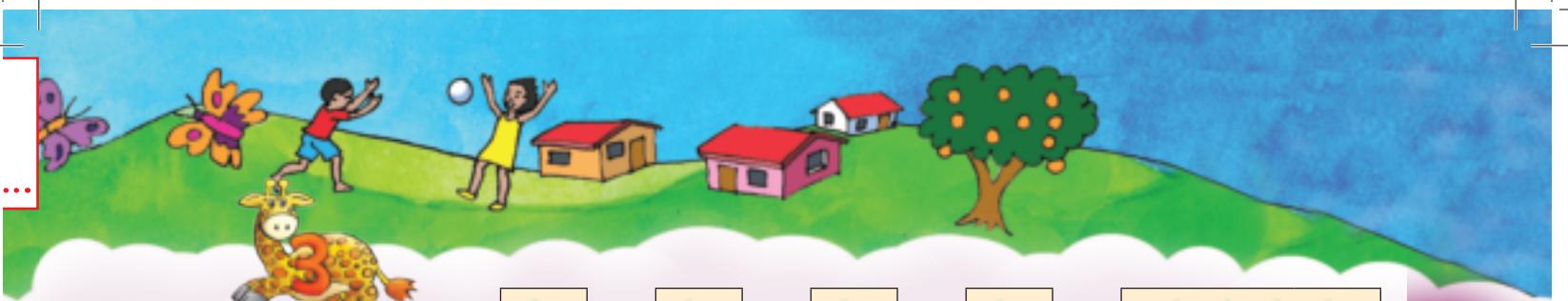


$\boxed{} + \boxed{} = \boxed{}$



Rekanyani.

| | | | |
|--------------------------------|--------------------------------|---------------------------------|---------------------------------|
| $6 + 5 = \boxed{}$ | $8 + 9 = \boxed{}$ | $11 + 3 = \boxed{}$ | $12 - 5 = \boxed{}$ |
| $8 + 7 = \boxed{}$ | $3 + 8 = \boxed{}$ | $9 - 5 = \boxed{}$ | $16 - 9 = \boxed{}$ |
| $6 + 4 = \boxed{}$ | $8 + 4 = \boxed{}$ | $8 - 4 = \boxed{}$ | $6 - 4 = \boxed{}$ |



Tanganyani.

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

| | | | | | | | | | | |
|----------------------|---|----------------------|---|----------------------|---|----------------------|---|----------------------|---|----------------------|
| | + | | + | | = | <input type="text"/> | | | | |
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| | + | | + | | + | | = | <input type="text"/> | | |
| <input type="text"/> | + | <input type="text"/> | + | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> | | |
| | + | | + | | + | | + | | = | <input type="text"/> |
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| <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> | | | | | | |



Rekanyani.

| | | |
|-----------------------|-----------------------------------|---------------------------|
| $2 + 2 + 2 = \square$ | $1 + 1 + 1 + 1 + 1 + 1 = \square$ | $2 + 2 + 2 + 2 = \square$ |
| $4 + 4 = \square$ | $3 + 3 + 3 + 3 = \square$ | $4 + 4 + 4 + 4 = \square$ |
| $5 + 5 + 5 = \square$ | $5 + 5 = \square$ | $1 + 1 + 1 = \square$ |

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



Teacher: _____
 Sign: _____
 Date: _____

6

Deithi:

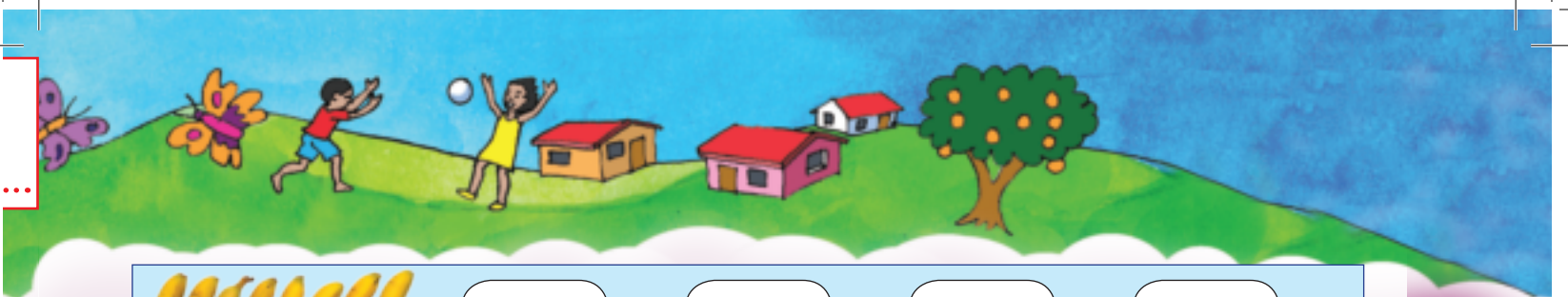
Themo ya l

U kovhana tshelede

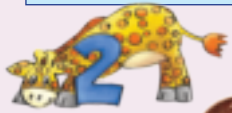


Kovhanani mitshelo i re afho fhasi.

| | | |
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| | 4 | 4 |
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Fhedzisani.

| | | | | |
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| | | | | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |



Khalarani khoini kana noutu dzone u itela uri musi dzo tanganywa 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 |

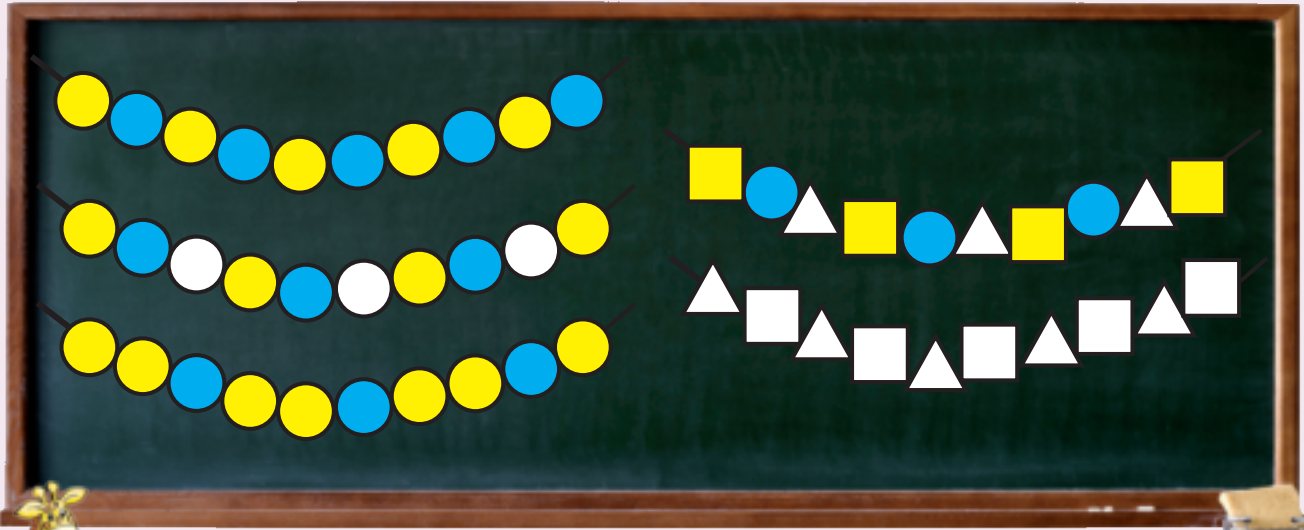
R1 1c R5 5c R10



Teacher:
Sign:
Date:

Deithi:

Phetheni



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

Three rows of 15 empty circles for coloring. Below them is a row of 15 empty shapes: square, circle, triangle, square, circle, triangle, square, circle, triangle, square, circle, triangle, square, circle.

A large empty rounded rectangular box for drawing or writing.

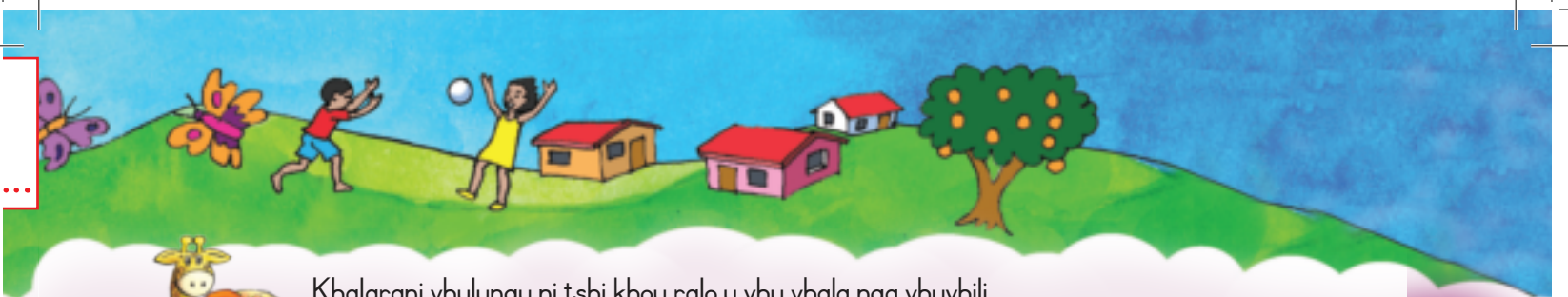


Engedzani phetheni.

A row of 5 colored circles: yellow, blue, yellow, blue, yellow.

A row of 6 colored shapes: green triangle, green square, green triangle, green square, green triangle, green square.

A row of 8 colored shapes: yellow square, red circle, green triangle, yellow square, red circle, green triangle, yellow square, red circle.



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.

| | | | | | | | | | |
|----|----|----|--|--|--|--|--|--|--|
| | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |
| 10 | 20 | 30 | | | | | | | |

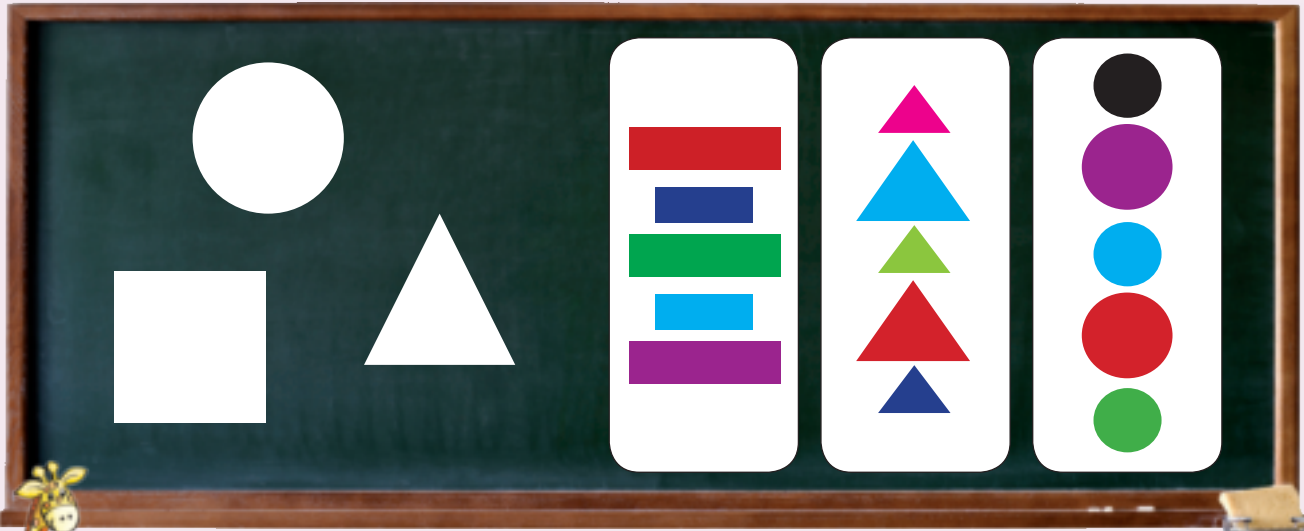
0 1 2 3 4 5 6 7 8 9



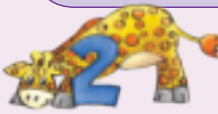
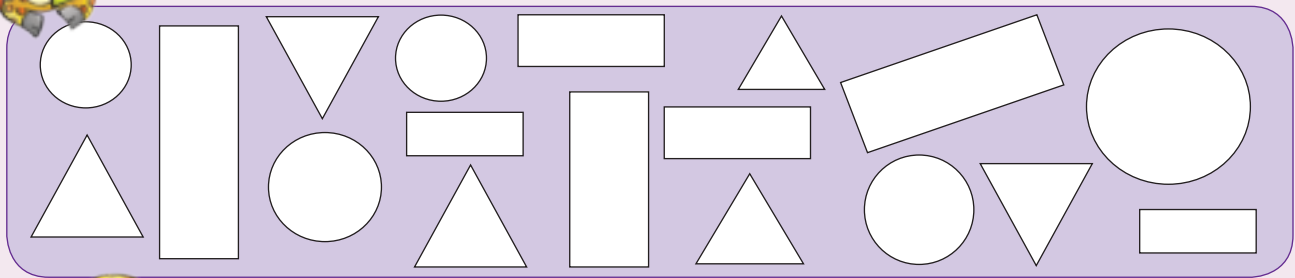
Teacher: _____
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Deithi: _____

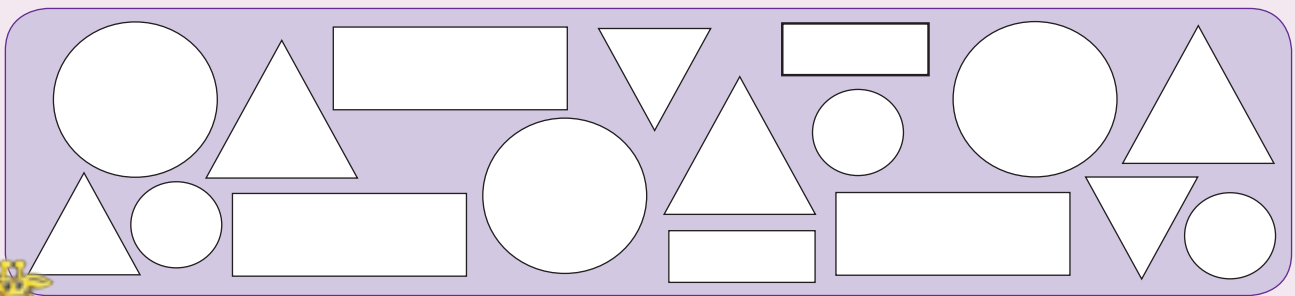
Zwivhumbeo



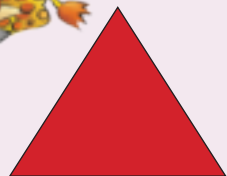
Khalarani rekithiengele nga muvhala wa lutombo, zwitendeledzi nga mutswuku na thofu nde raru nga wa ṭada.



Khalarani zwitendeledzi zwothe zwi hulwane nga muvhala mutswuku, rekithiengele nga mudala na thofu nde raru ṭhukhu nga wa ṭada.



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



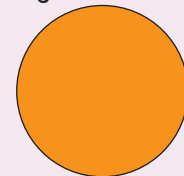
tswititi

tshipulumbu



tswititi

tshipulumbu




tswititi

tshipulumbu



Olani luja luŋwe luŋhafha lwa tshisusu.

o o o o o o o o o o o o o o o o

o Δ o Δ o Δ o Δ o Δ o Δ o Δ o Δ o Δ



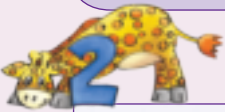
Teacher:
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Date:

Deithi:

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 |




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



| |
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| 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 ntha ha tshibogisi.



| | |
|-----------|---------------|
| murahu ha | nga phanda ha |
| tsini na | nga ntha ha |



| | |
|-----------|---------------|
| murahu ha | nga phanda ha |
| tsini na | nga ntha ha |



| | |
|-----------|---------------|
| murahu ha | nga phanda ha |
| tsini na | nga ntha ha |



| | |
|-----------|---------------|
| murahu ha | nga phanda ha |
| tsini na | nga ntha ha |



bola bogisi

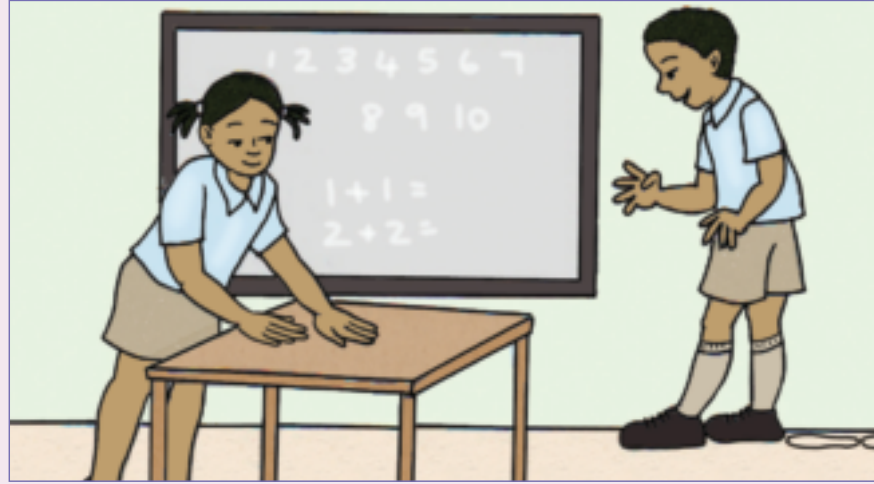


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Date:

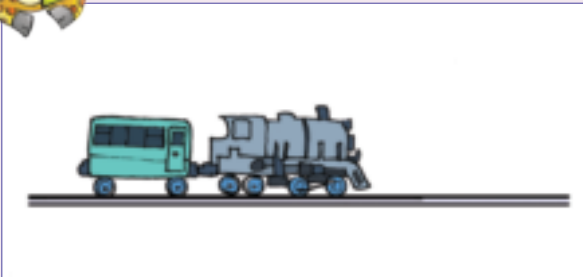
Deithi:

Vhulapfu

Vha khou ita mini?

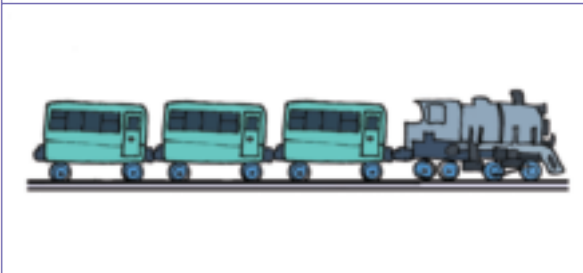


Ndi tshidimela tshifhio tshi re tshipufhi kana tshilapfu?



tshilapfu

tshilapfu



tshilapfu

tshilapfu

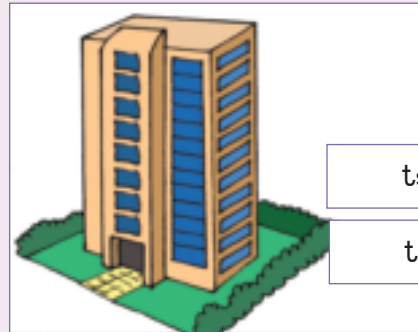


Ndi tshifaço tshifhio tshi re tshilapfu kana tshipufhi?



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.

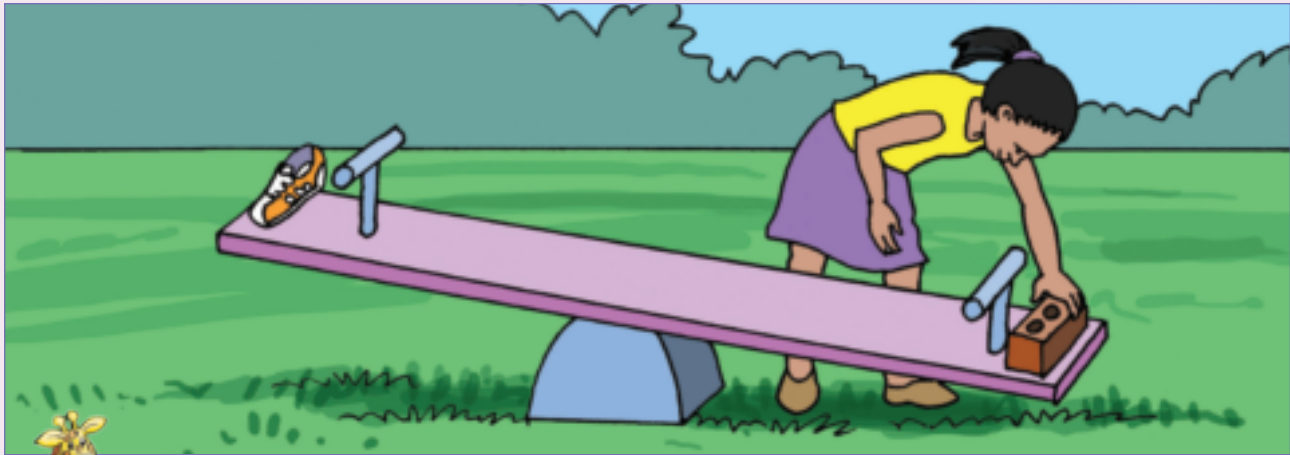
↑



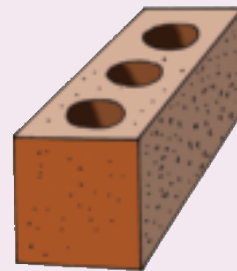



Teacher:
Sign:
Date:

Tshileme



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



lemela

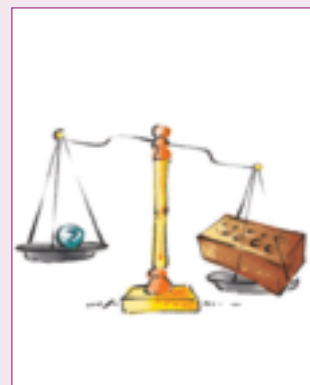
leluwa

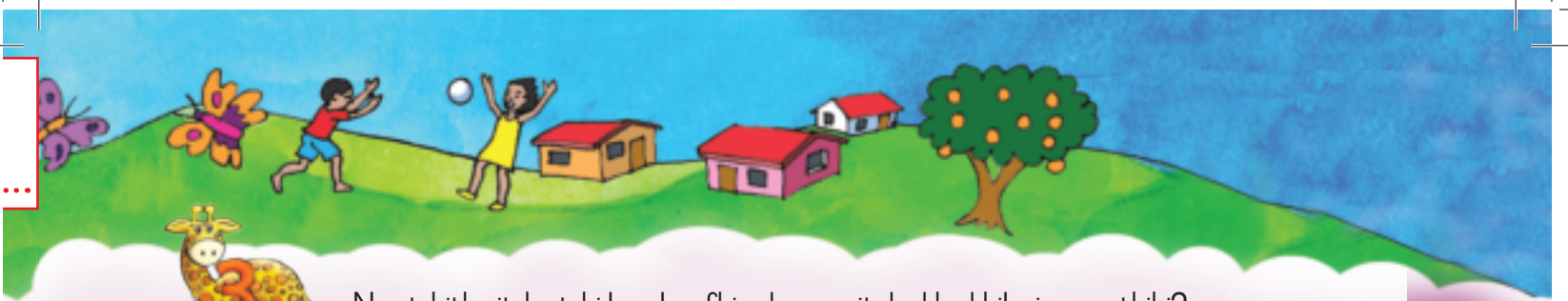
lemela

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:

Deithi:

Ambani nga tshifanyiso.

Khaphasithi



Khalarani phindulo yone.



| | | |
|------|-----------------|------|
| ḡala | a hu na tshithu | hafu |
|------|-----------------|------|



| | | |
|------|-----------------|------|
| ḡala | a hu na tshithu | hafu |
|------|-----------------|------|



| | | |
|------|-----------------|------|
| ḡala | a hu na tshithu | hafu |
|------|-----------------|------|



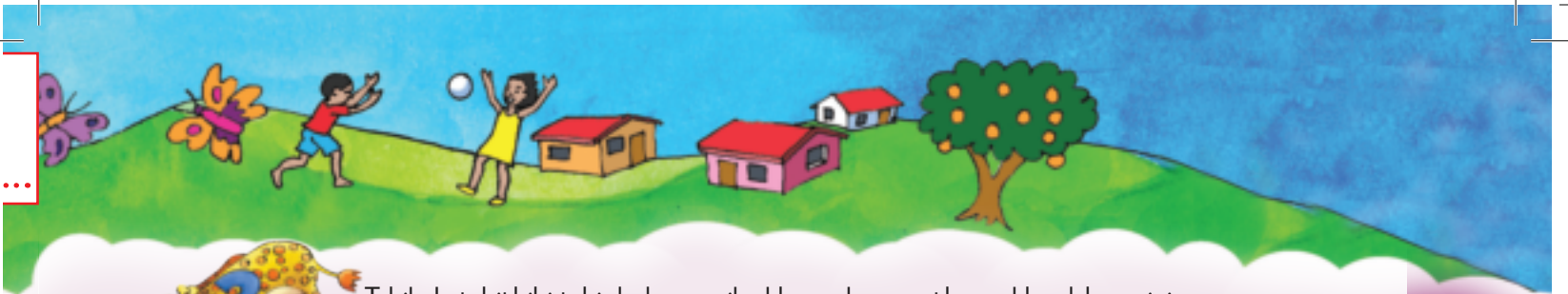
| | | |
|------|-----------------|------|
| ḡala | a hu na tshithu | hafu |
|------|-----------------|------|



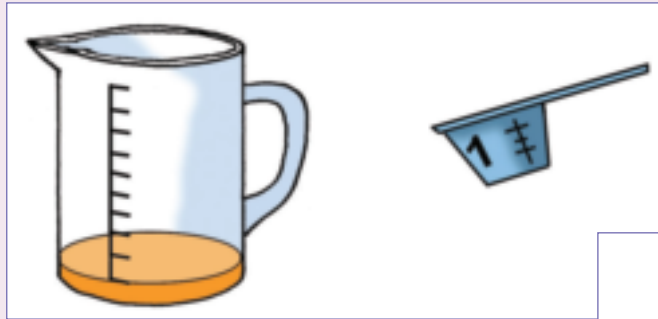
| | | |
|------|-----------------|------|
| ḡala | a hu na tshithu | hafu |
|------|-----------------|------|



| | | |
|------|-----------------|------|
| ḡala | a hu na tshithu | hafu |
|------|-----------------|------|

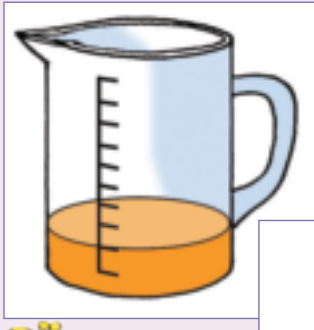


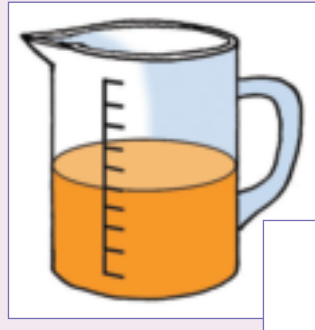
Tshikalo tshithihi tshi ḡadza u swika kha maka ya u thoma kha dzhege iyi.
Ndi zwikalo zwingana zwine zwa ḡo ḡadza dzhege iyi?

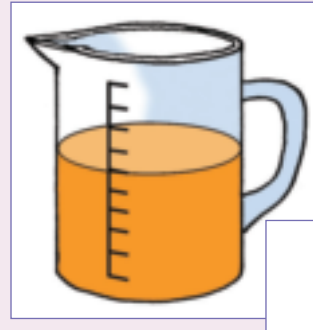




Ndi zwikalo zwingana zwo shelwaho kha dzhege idzi?

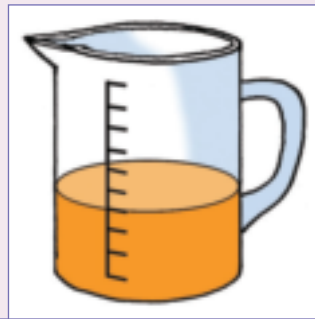
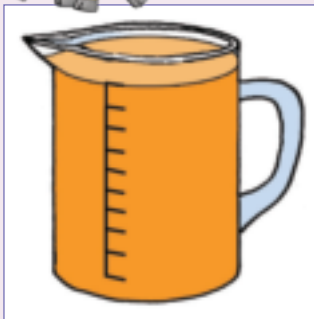








Dzhege i re kha tsha monde i fara l l̥itha ya dzhusi. Ndi dzhege ifhio i re na dzhusi i linganaho nahone ndi dzhege ifhio i re na t̥hukhu.



lingana

t̥hukhu

lingana

t̥hukhu



ḡadza a hu na tshithu



Teacher:
Sign:
Date:

Deithi:



Tshifhinga

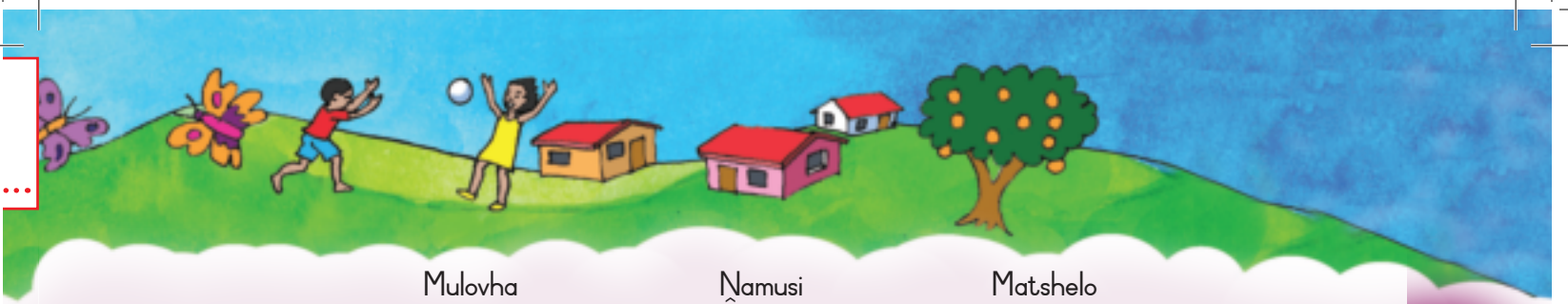
Iyani kha Tshigeriwa I. Gerani maipfi ni a nambatedze fhasi ha zwifanyiso ni tshi sumbedza tshifhinga.

| | | | |
|--|--|--|--|
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| | | | |
| | | | |
| | | | |



Fhedzisani mafhungo.

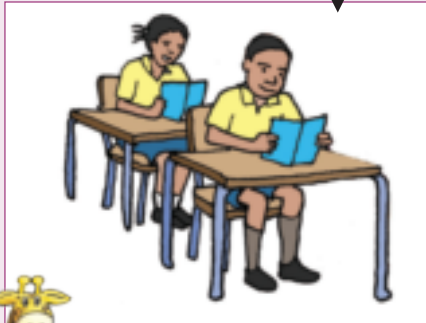
- Ndi _____ nga matshelonitsheloni.
- Ndi _____ nga matsheloni.
- Ndi _____ nga masiari.
- Ndi _____ duvha liṅwe na liṅwe.
- Ndi _____ u lenga duvha liṅwe na liṅwe.



Mulovha

Namusi

Matshelo



Fhindulani mbudziso.

Ñwana u khou ita mini namusi? _____

Ñwana o ita mini mulovha? _____

Ñwana u do ita mini matshelo? _____



Olani tshifanyiso tsha inwi muṅe.

| Matshelo | Namusi | Mulovha |
|----------|--------|---------|
| | | |



Mulovha

Mulovha



Teacher:
Sign:
Date:

Deithi:

Khalenda ya Duvha la Mabebo



Tevhedzelani minwedzi.

- Phando**: Sipho, Muruniwa, Annie
- Luhuhi**: Mpho, Sandani
- Lambamai**: Betty, Luambo
- Shundunthule**: Kankan, Ricco, Maanga
- Fulwi**: Mpho
- Thafamuhwe**: Sam, Juan
- Thangule**: Mbali, Aifheli, Mary
- Tshimedzi**: Karin, Jaco
- Fulwana**: Palesa, Fulufhelo, Kayla
- Lara**: Gugu, Dian
- Khubvumedzi**: John
- Nyendavhusiku**: Mulalo, Richard, Rendani



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

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



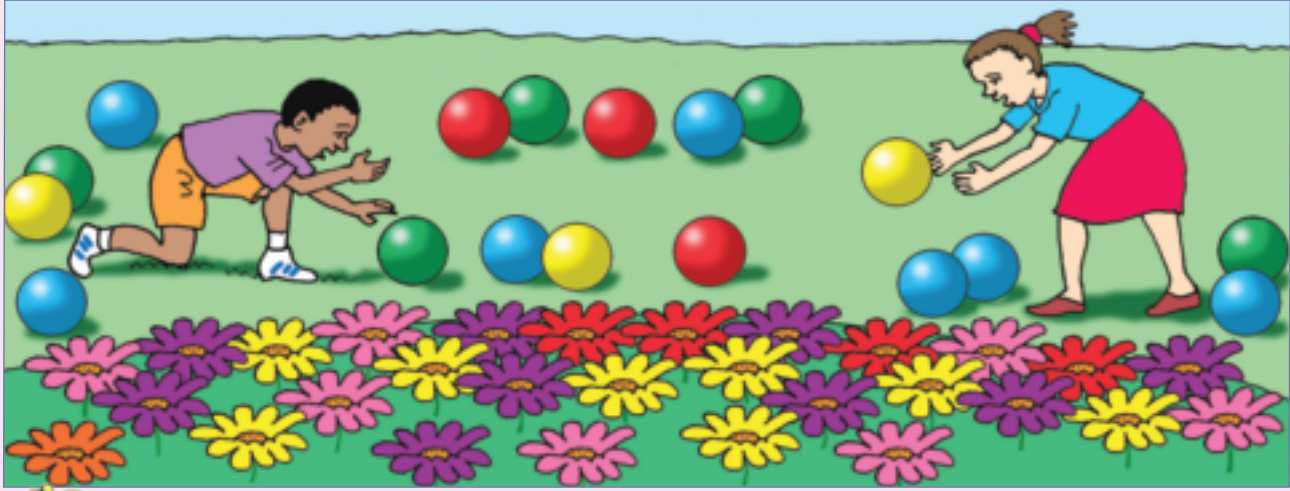
Duvha la mabebo
langa ndi la



Teacher:
Sign:
Date:

Deithi:

Kuvhanganyani ni vhekanye



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



| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

bola dala

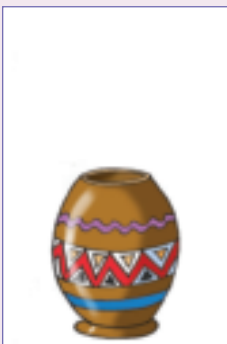
bola tswuku

bola dza lutombo

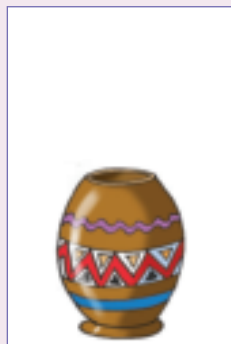
bola dza țada



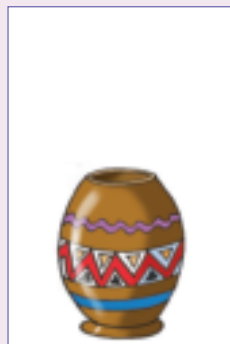
Kuvhanganyani maluvha ni a vhekanye.



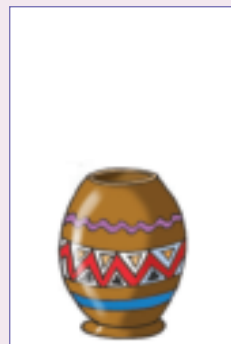
maluvha a țada



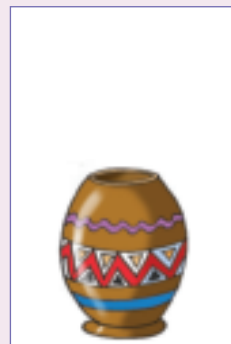
maluvha matswuku



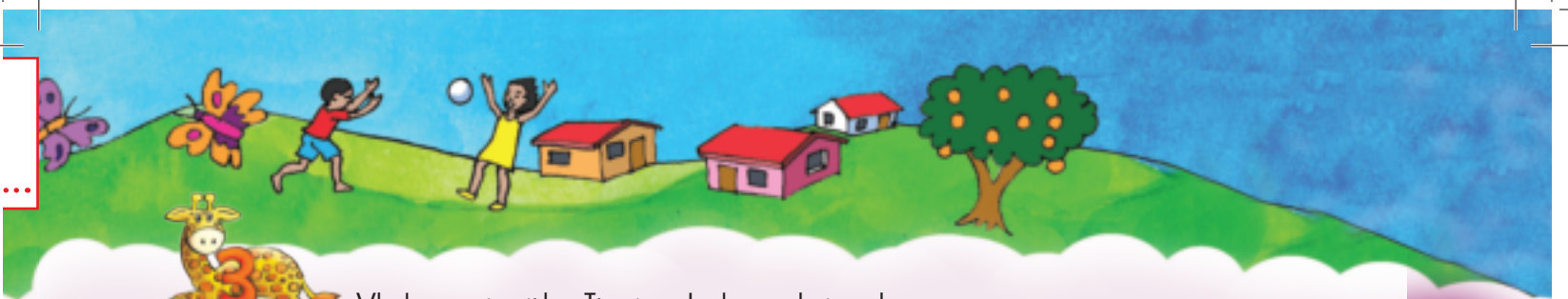
maluvha a phephulu



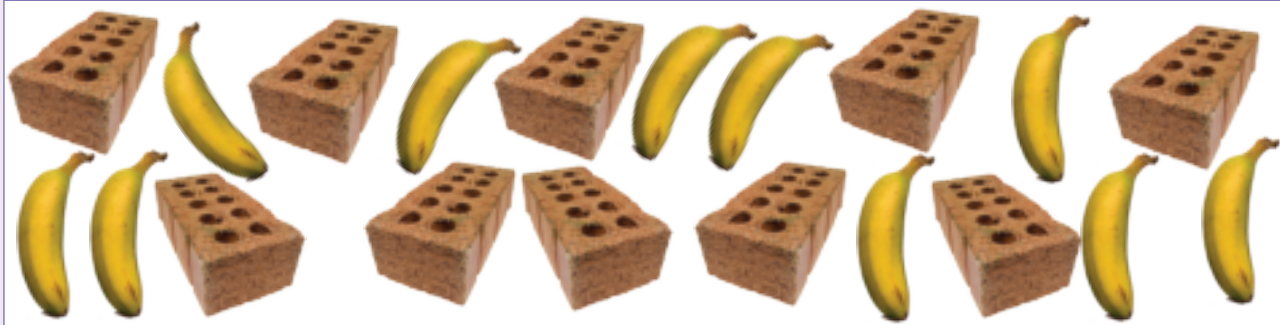
maluvha a pinki



maluvha a tshitopana



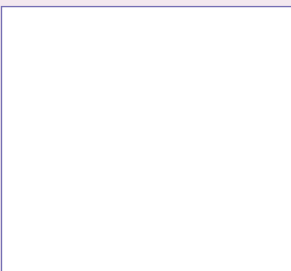
Vhekanyani zwithu. Itani nyolo dzaṅu vhoiwe vhaṅe.



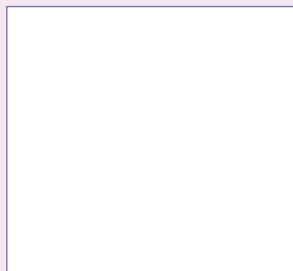
zwithu zwi leluwaho



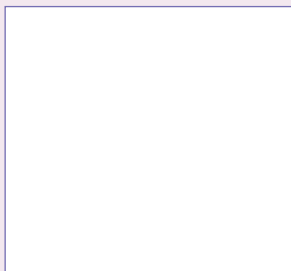
zwithu zwi lemelaḥo



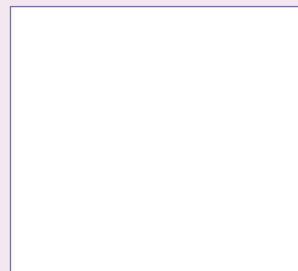
bola ṭhukhu



bola khulwane



zwibogisi zwiṭuku



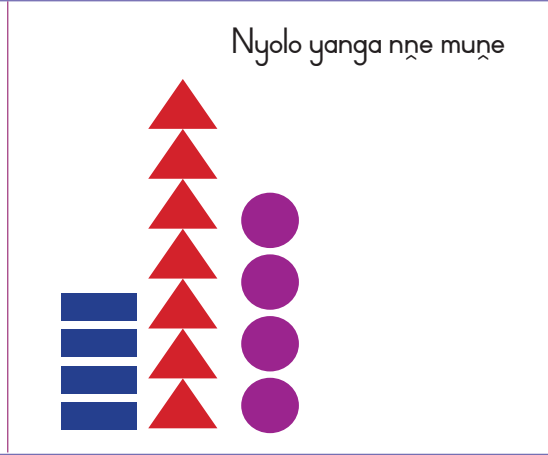
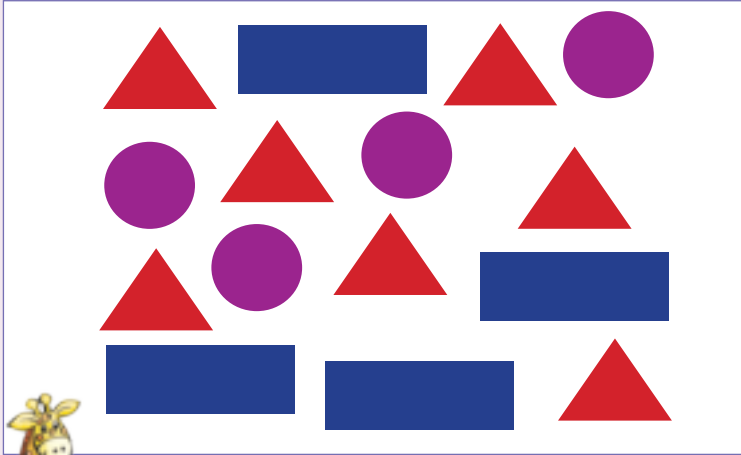
mabogisi mahulwane



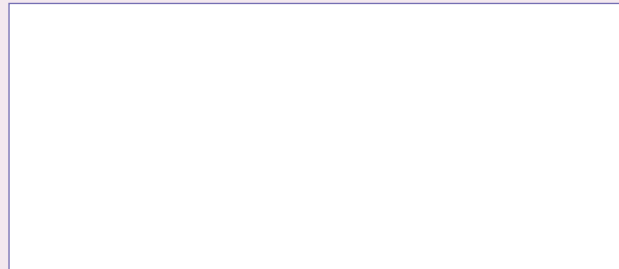
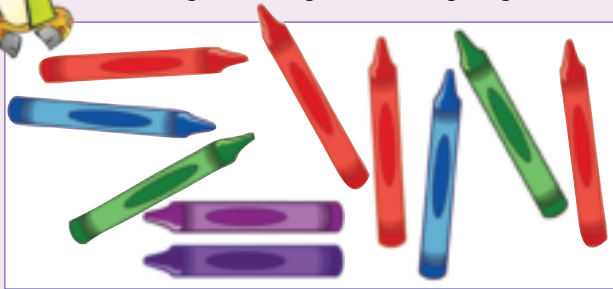
Teacher:
Sign:
Date:

Deithi:

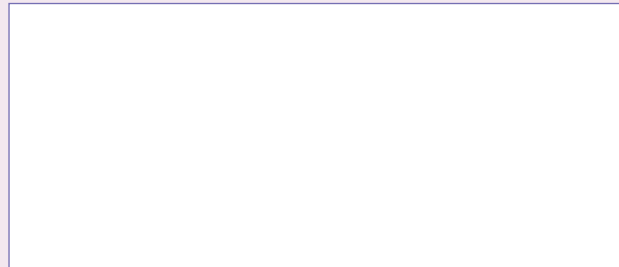
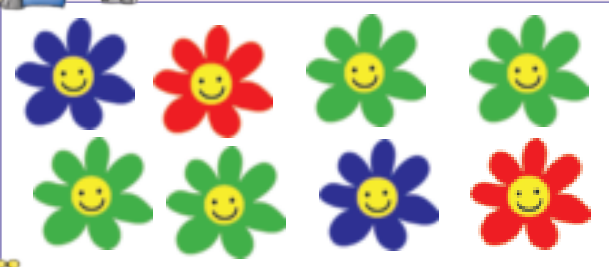
Vhalani ni talutshedze



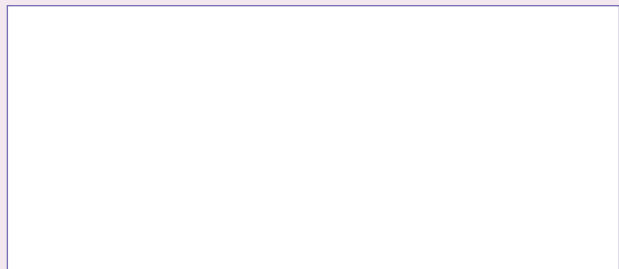
Vhekanyani khirayoni. Itani nyolo yadzo.



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 | dala |

Hu na dzhege nngana dzi si na tshithu?

Hu na dzhege nngana dzi re hafu?

Hu na dzhege nngana dzo dala?



Teacher: _____
 Sign: _____
 Date: _____

Deithi:

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

 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

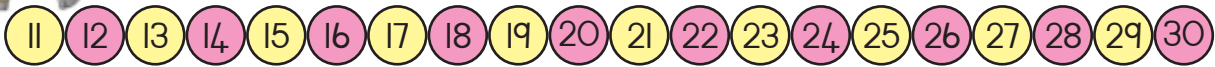
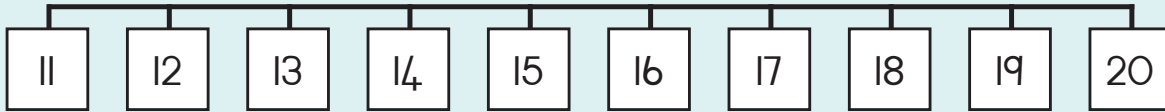
Ndi nomboro ifhio i no rangela 8? _____

Ndi nomboro ifhio i re tevhela 16? _____

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



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

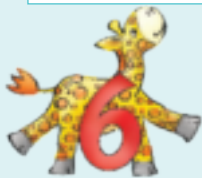


Ñwalani nomboro dzot̄he dzi re kha vhulungu ha t̄aḁa.
Nomboro dzi re kha vhulungu ha t̄aḁa dzi pfi mini.

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



Kovhani vhulungu ha t̄aḁa kha vhana vho ambaraho zwikhipha zwa t̄aḁa. 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 ḁa vhukati ha 18 na 24? _____

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



Teacher: _____
Sign: _____
Date: _____



Deithi:

Nomboro 1 – 30



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



Ndi vhulungu vhungana hu re hone?

| | | |
|------------|-----------|--------------------------|
| ●●●●●●●●●● | ●● | <input type="checkbox"/> |
| ●●●●●●●●●● | ●●●●● | <input type="checkbox"/> |
| ●●●●●●●●●● | ●●●●●●● | <input type="checkbox"/> |
| ●●●●●●●●●● | ●●●●●●●●● | <input type="checkbox"/> |
| ●●●●●●●●●● | ●●●●●●●● | <input type="checkbox"/> |



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 | | | | | |

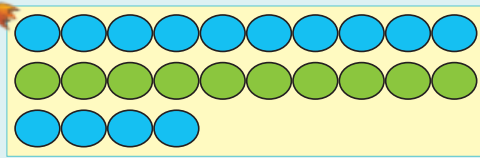


Lavhelesani kha tsumbo ya u thoma ni fhedzise dziŋwe dzoṭhe.

| | | | | | | | | | | | |
|----|------------|---|---|------------|---|------|----|---|----|---|---|
| 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 | | = | | + | |



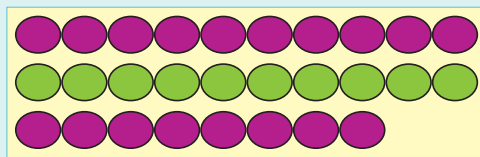
Ndi vhulungu vhungana he na vhala?



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 | |



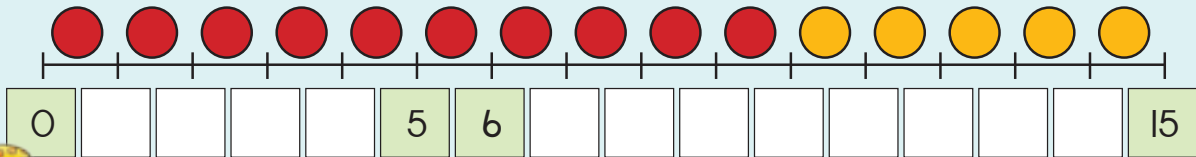
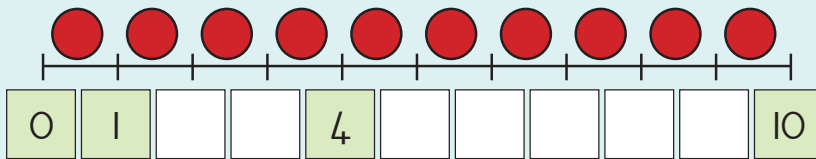
Teacher:
Sign:
Date:

Deithi:

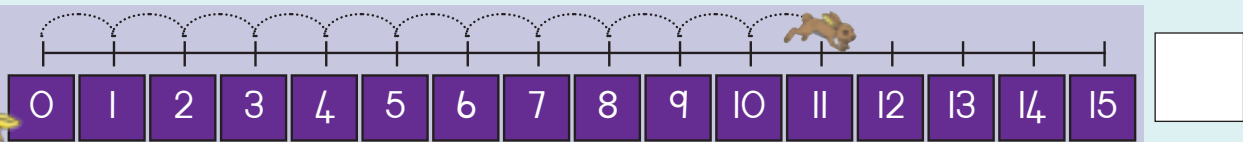
Mitalombalo



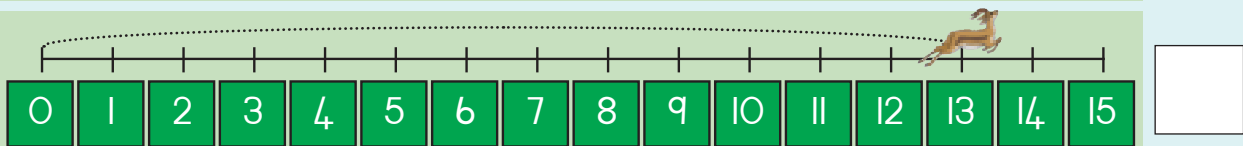
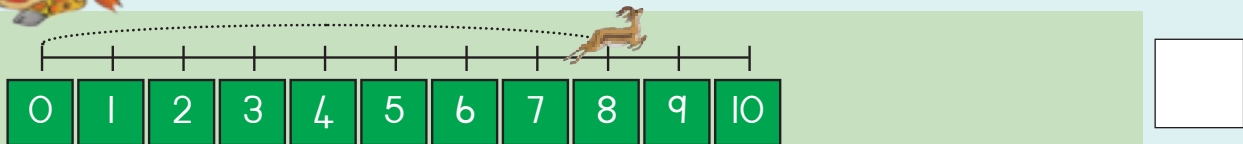
Dzhenisani nomboro dzo tshelaho.



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. Muvhuda wo fhufha u swika ngafhi?

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

mahumi yuniti

+ =

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

mahumi yuniti

+ =

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

mahumi yuniti

+ =

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

mahumi yuniti

+ =

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

mahumi yuniti

+ =

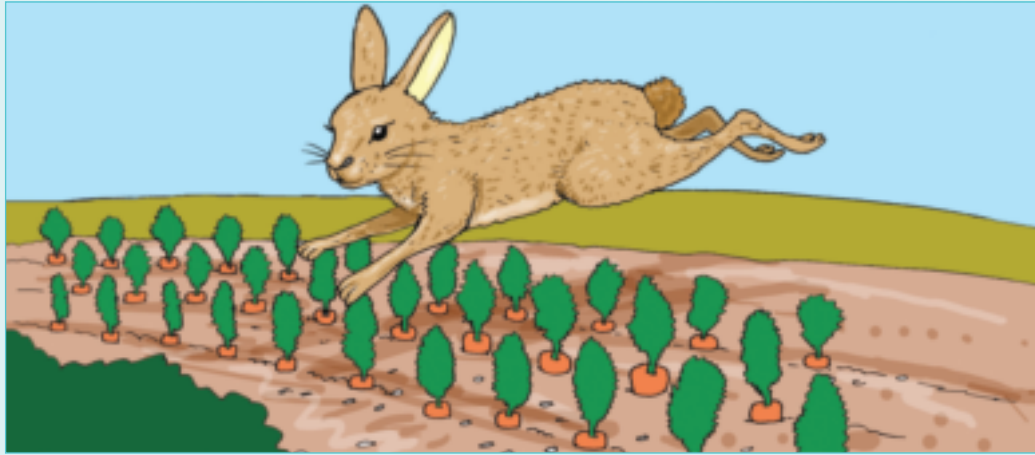


Teacher:
Sign:
Date:



Deithi:

Mitalombalo miñwe



Shumisani mutalombalo uri u ni thuse kha u wana phindulo.

0 1 2 3 4 5 6 7 8 9 10

$2 + 3 = 5$

0 1 2 3 4 5 6 7 8 9 10

$\square + \square = \square$



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

0 1 2 3 4 5 6 7 8 9 10

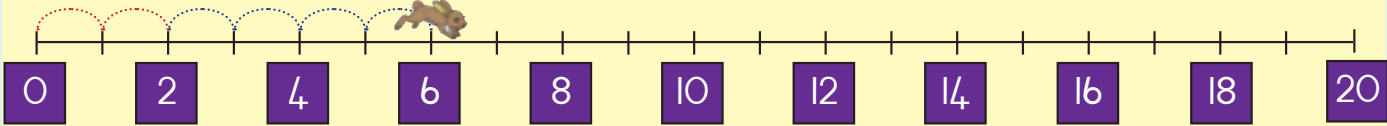
$\square + \square = \square$

0 1 2 3 4 5 6 7 8 9 10

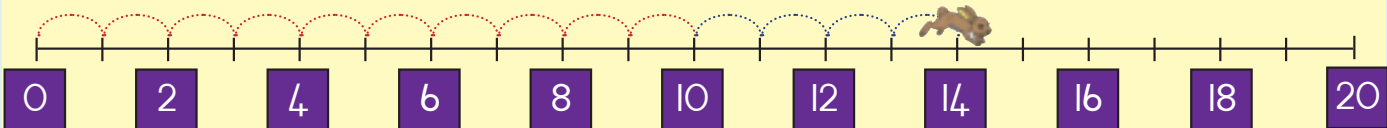
$\square + \square = \square$



Thusani movhuda u n'wala mbalo.



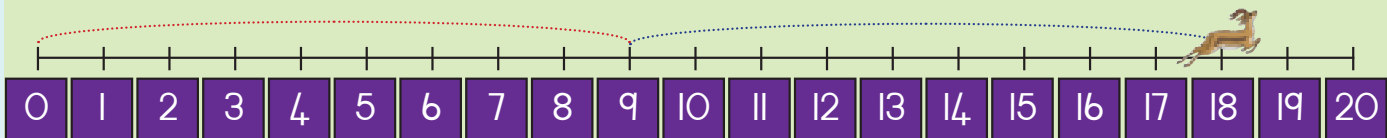
$$\square + \square = \square$$



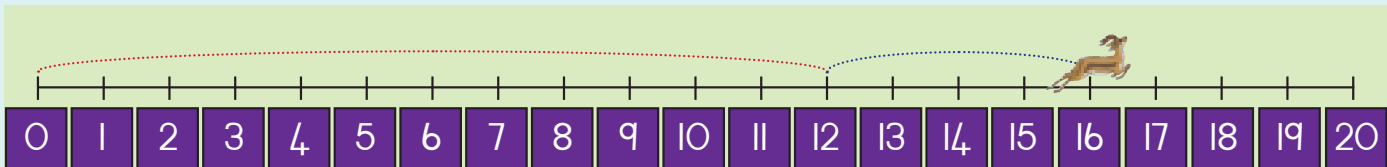
$$\square + \square = \square$$



Thusani phala u n'wala mbalo.



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



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

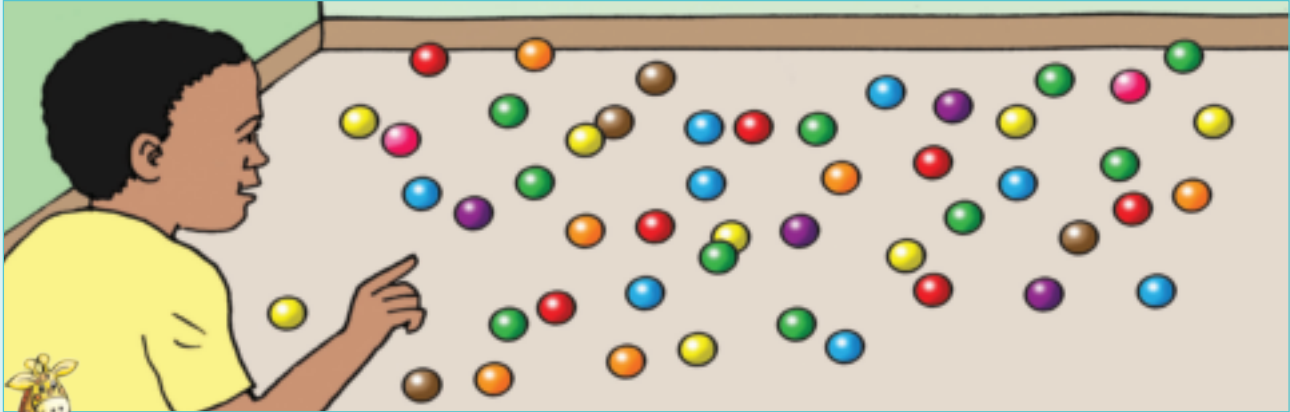


Teacher:
Sign:
Date:



Deithi:

Muṭanganyo na muṭuso



Ñwalani 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 hoṭhe ho ṭangana ndi vhungana?

| |
|--|
| |
|--|



Ñwalani tshivhalo tsha malungu a muvhala muṛwe na muṛwe zwibogisini zwone ni a ṭanganye.

| | | | | |
|---------------|---|------------|---|--|
| vhutswuku | + | vhudala | = | |
| ha ṭaḍa | + | ha pinki | = | |
| ha tshitopana | + | ha lutombo | = | |
| ha phephulu | + | vhudala | = | |
| ha buraweni | + | ha ṭaḍa | = | |



Fhedzisani phetheni.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ● | ● | ● | ● | ● | ○ | ○ | ○ |
| ● | ● | ● | ● | ● | ○ | ○ | ○ |
| ● | ● | ● | ● | ● | ○ | ○ | ○ |
| ● | ● | ● | ● | ● | ○ | ○ | ○ |
| ● | ● | ● | ● | ● | ○ | ○ | ○ |



Shumisani vhulungu kha u dadza zwibogisi.

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & = & \boxed{15} \\ \boxed{8} & & & & & & & + & \boxed{7} & & & & & & = & \end{array}$$

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & \bullet & = & \boxed{} \\ \boxed{8} & & & & & & & + & \boxed{2} & + & \boxed{5} & & & & & & = & \end{array}$$

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & = & \boxed{} \\ \boxed{9} & & & & & & & + & \boxed{6} & & & & & & = & \end{array}$$

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & + & \bullet & + & \bullet & \bullet & \bullet & \bullet & = & \boxed{} \\ \boxed{9} & & & & & & & + & \boxed{} & + & \boxed{} & & & & = & \end{array}$$



Livhanyani tshifanyiso na mbalo ni nee phindulo.

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



Shumani mbalo.

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & - & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & = & \boxed{3} \\ \boxed{9} & - & \boxed{6} & = & \boxed{3} & & & & & & & & & & & \end{array}$$

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & - & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & = & \boxed{} \\ \boxed{} & - & \boxed{} & = & \boxed{} & & & & & & & & & & & \end{array}$$

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & - & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & = & \boxed{} \\ \boxed{} & - & \boxed{} & = & \boxed{} & & & & & & & & & & & \end{array}$$

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & - & \bullet & \bullet & \bullet & \bullet & \bullet & \bullet & = & \boxed{} \\ \boxed{} & - & \boxed{} & = & \boxed{} & & & & & & & & & & & \end{array}$$



Teacher:
Sign:
Date:

Maḍuvha, vhege na miṅwedzi

Deithi:

| | | | |
|-------------|-----------|--------------|---------------|
| Musumbuluwo | Phando | Luhuhi | Ṭhafamuhwe |
| Ḳavhuvhili | Lambamai | Shundunthule | Fulwi |
| Ḳavhuraru | Fulwana | Ṭhangule | Khubvumedzi |
| Ḳavhuṅa | Tshimedzi | Ḳara | Nyendavhusiku |
| Ḳavhuṭanu | | | |
| 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 Ḳavhuṭanu ndi ḍuvha la _____

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

Fhindulani mbudziso dzi tevhelaho dzi no kwama miṅwedzi.

Ndi ṅwedzi ufhio u no rangela Lambamai? _____

Ndi ṅwedzi ufhio u no tevhela Fulwi? _____

Ndi ṅwedzi ufhio u no ḍa vhukati ha Ṭhangule na Tshimedzi? _____

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

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

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



Vhurereli Afrika
Tshipembe



Zwiwo zwa 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 dzotzhe dza phabuliki dza Afrika Tshipembe dzi re kha khalenda.

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



Teacher:
Sign:
Date:

Mutanganyo



Lavhelesani tshifanyiso ni n̄wale 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 | = | | + | | = | |

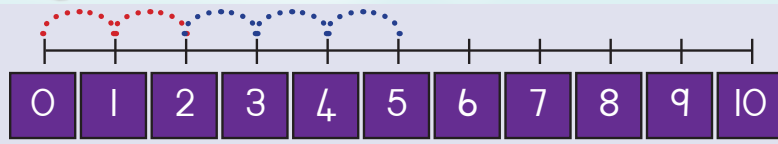


Tanganyani.

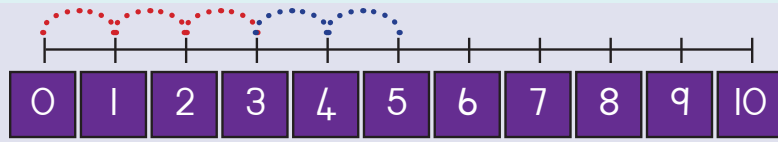
| | | |
|-----------|-----------|-----------|
| $3 + 2 =$ | $4 + 6 =$ | $9 + 3 =$ |
| $6 + 5 =$ | $7 + 8 =$ | $8 + 4 =$ |
| $9 + 5 =$ | $8 + 6 =$ | $7 + 4 =$ |
| $9 + 9 =$ | $7 + 5 =$ | $8 + 8 =$ |
| $7 + 6 =$ | $9 + 6 =$ | $7 + 7 =$ |



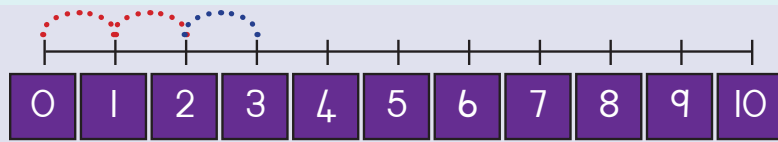
Ñwalani t̄hanganyelo ya:



$$\boxed{2} + \boxed{3} = \boxed{5}$$



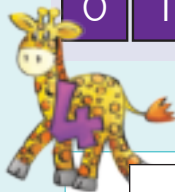
$$\boxed{} + \boxed{} = \boxed{}$$



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



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



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

$5 = 1 + 4$

$6 = 2 + \underline{\quad}$

$3 + \underline{\quad} = \underline{\quad}$

$2 + 1 = 1 + \underline{\quad}$

$6 + 3 = 3 + \underline{\quad}$

$2 + \underline{\quad} = 8 + 2$

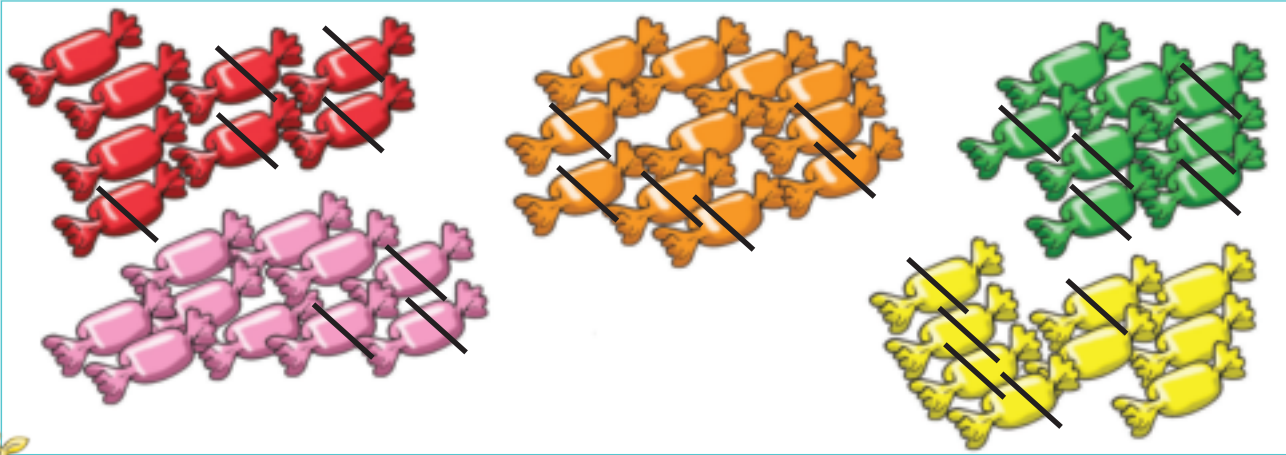


Teacher:
Sign:
Date:



Deithi:

Muṭuso



Lavhelesani tshifanyiso ni ṅwale mbalo dza u ṭusa.

malegere matswuku = - =

malegere madala = - =

malegere a ṭada = - =

malegere a tshitopana = - =

malegere a pinki = - =

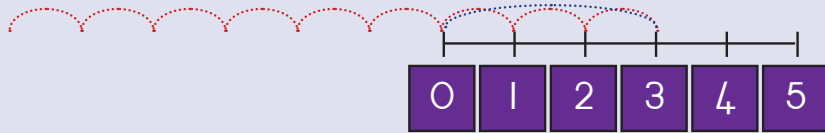
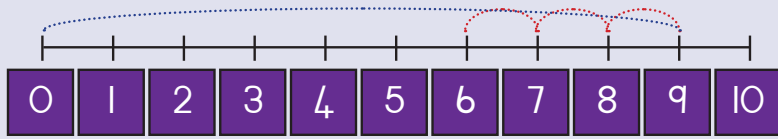


Ra ṭusa.

| | | |
|---------------------------------|---------------------------------|---------------------------------|
| $5 - 3 =$ <input type="text"/> | $10 - 6 =$ <input type="text"/> | $12 - 3 =$ <input type="text"/> |
| $11 - 5 =$ <input type="text"/> | $15 - 7 =$ <input type="text"/> | $12 - 4 =$ <input type="text"/> |
| $14 - 9 =$ <input type="text"/> | $14 - 8 =$ <input type="text"/> | $11 - 4 =$ <input type="text"/> |
| $18 - 9 =$ <input type="text"/> | $12 - 5 =$ <input type="text"/> | $16 - 8 =$ <input type="text"/> |
| $13 - 7 =$ <input type="text"/> | $15 - 6 =$ <input type="text"/> | $14 - 7 =$ <input type="text"/> |



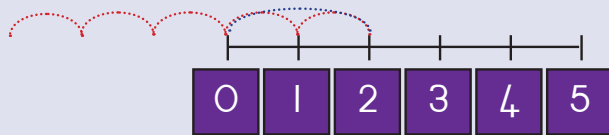
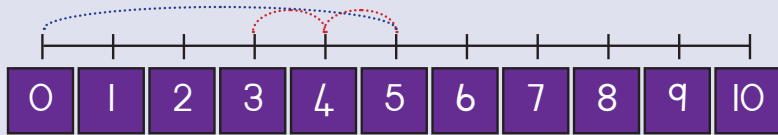
Fhedzisani.



$$9 - 3$$

A zwi lingani na

$$3 - 9$$



$$5 - 2$$

A zwi lingani na

$$2 - 5$$



Nwalani mbalo ya:

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

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

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

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

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

Zwi ya phanda
kha siṭari
li tevhelaho.



Teacher:
Sign:
Date:



Tanganyani.

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



Tanganyani.

16 + 13

| | | | |
|----|----|---|----|
| 10 | 10 | = | 20 |
| 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

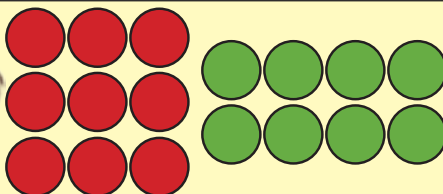
| | | | |
|----|----|---|--|
| 10 | 10 | = | |
| 6 | 2 | = | |
| | | = | |

18 + 12

| | | | |
|----|----|---|--|
| 10 | 10 | = | |
| 8 | 2 | = | |
| | | = | |



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



Thanganyelo ndi vhugai?



Teacher:
Sign:
Date:

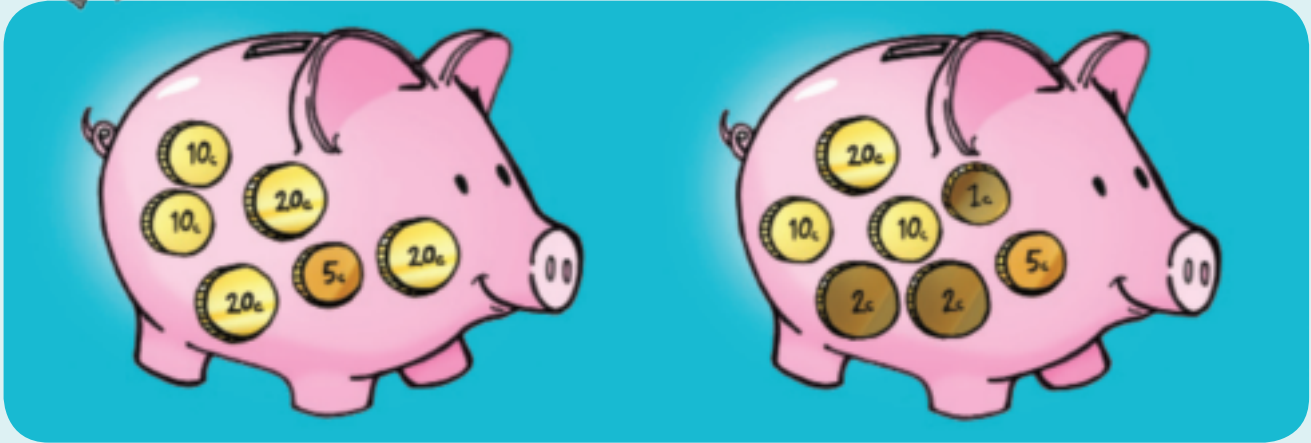
Deithi:



Tshelede



Ndo vhulunga vhugai?

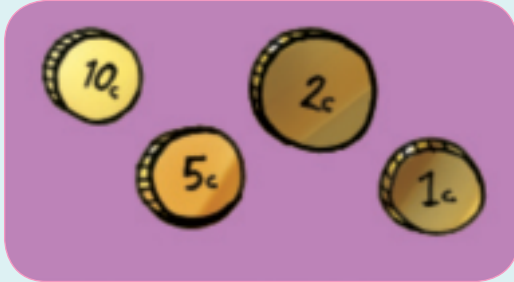


Gerani khoini kha Tshigeriwa tsha 3 ni nambatedze tshivhalo tsho teaho hafha.

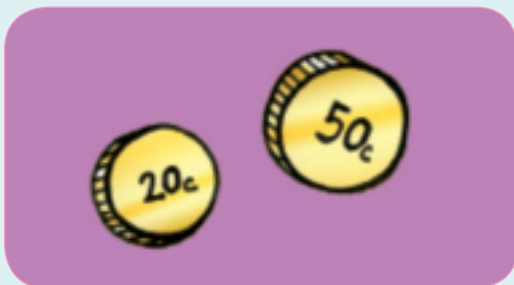




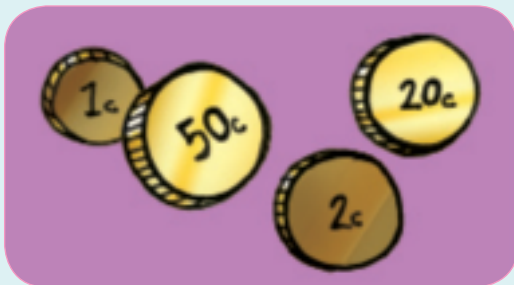
Ndi masenthe mangana?















Mbalo dza maipfi.

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

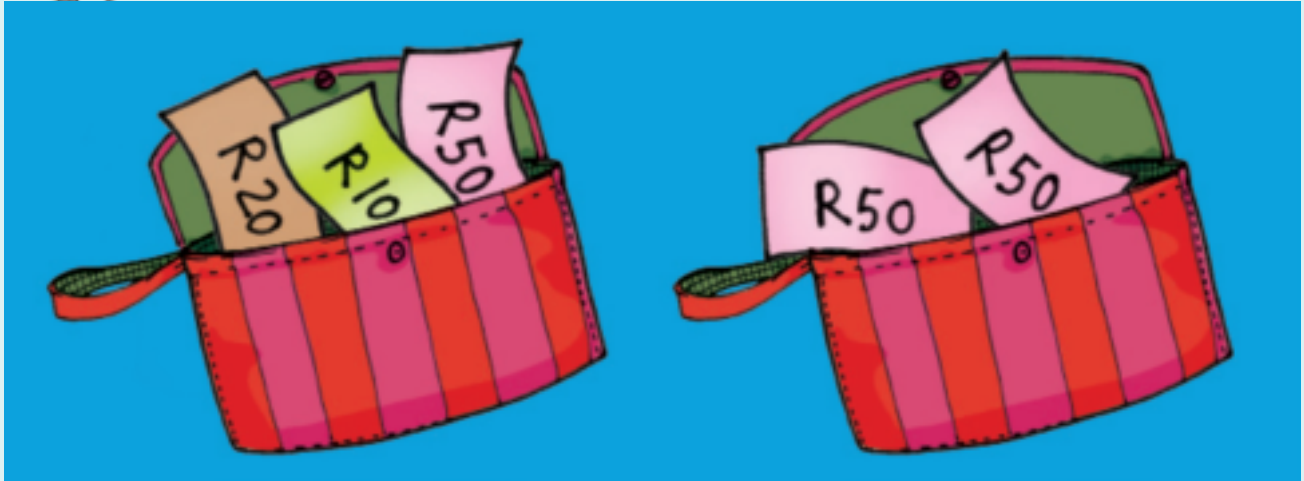
Ndi na 170c. Ndo renga legere la 100c. Ndo salelwa nga vhugai?
Olani tshifanyiso tshi no sumbedza phindulo yanu.








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 t̄angana dzo t̄he?















Mbalo dza maipfi.

Ndo vhulunga R50. Nda fhiwa R20 nga d̄uvha l̄anga l̄a mabebo. Ndi na vhugai?

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



Teacher:
Sign:
Date:

Deithi:



Phetheni



Vhandelani phetheni.

| | | | | | | | | | | |
|------|--------------|----------------------|--------------|--------------|----------------------|------|--------------|----------------------|--------------|--------------|
| phaa | phaa phaa | phaa | phaa phaa | phaa | phaa phaa | phaa | phaa phaa | phaa | phaa phaa | phaa |
| | | | | | | | | | | |
| phaa | phaa phaa | phaa phaa phaa | phaa | phaa phaa | phaa phaa phaa | phaa | phaa phaa | phaa phaa phaa | phaa | phaa phaa |
| | | | | | | | | | | |



Kopani phetheni. Shumisani Tshigeriwa 4.

| | |
|--|--|
| | |
|--|--|

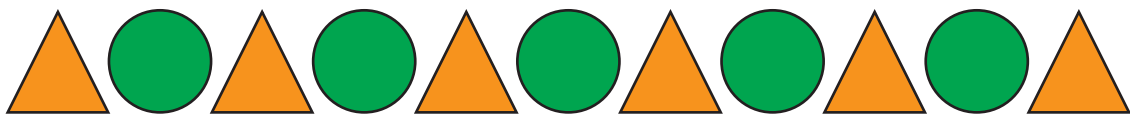
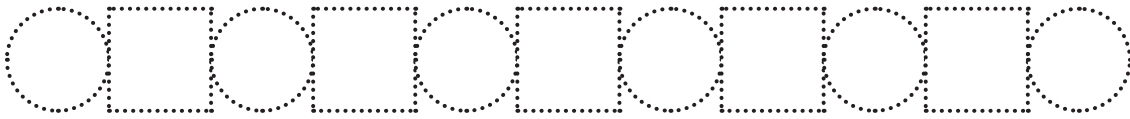


Itani tshifanyiso tshanu inwi mune tshi no bva kha vhulungu ho salaho. Shumisani Tshigeriwa 4.

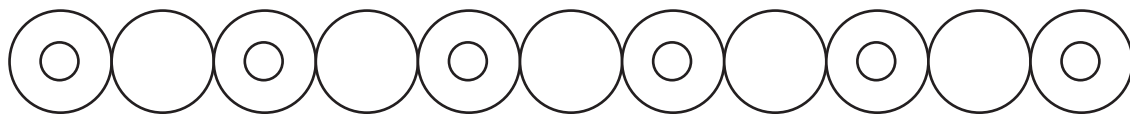
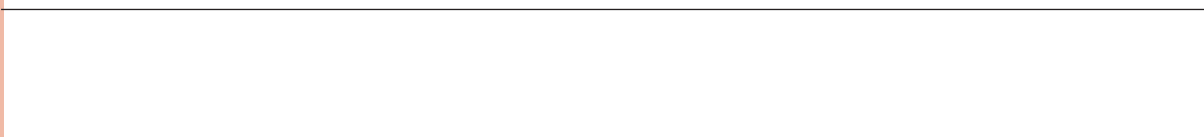
| |
|--|
| |
|--|



Kopani phetheni dzi tevhelaho.



Kopani phetheni.



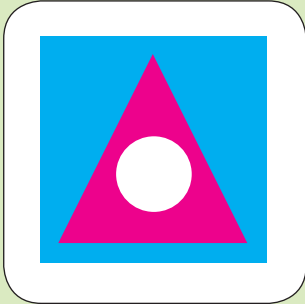
Teacher:
Sign:
Date:

Phetheni dzinwe hafhu

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



rekithiengele



tshikwea

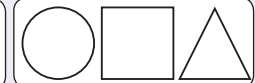
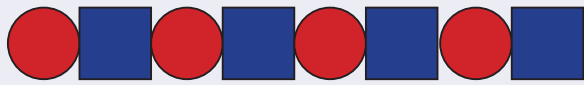


thiraiengele



mivhala

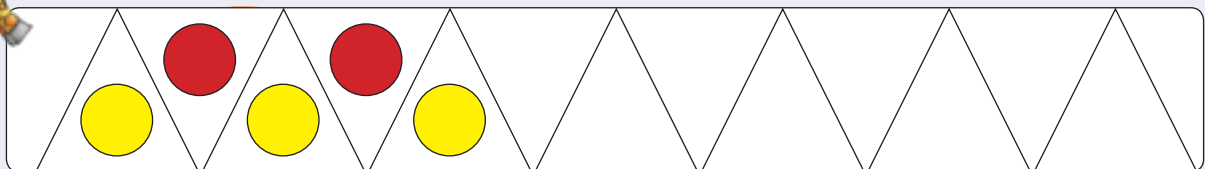
Nangani ni khalare phetheni i no tevhela.



Olani phetheni i tevhelaho.

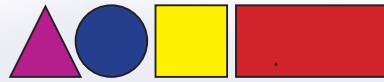


T'haramudzani phetheni.

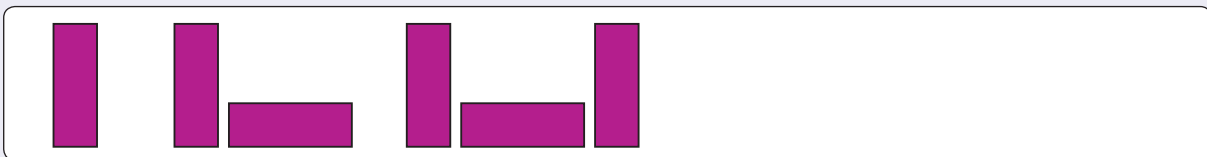
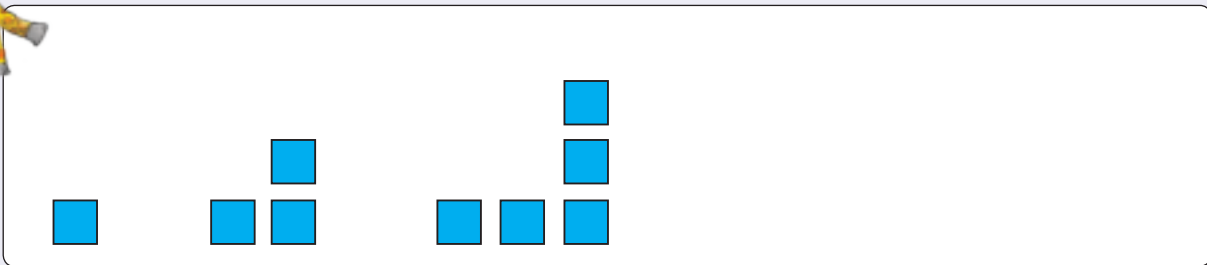




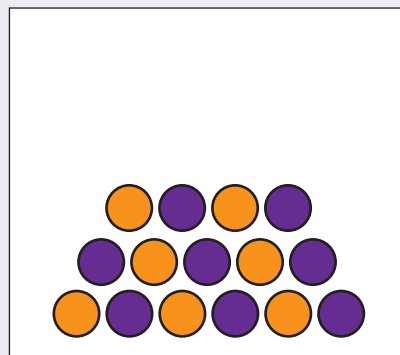
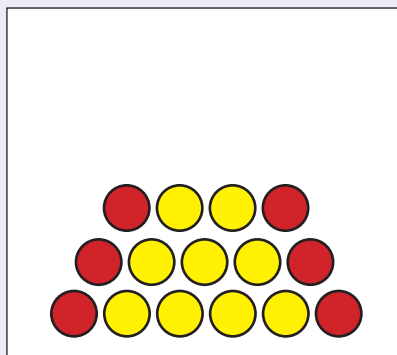
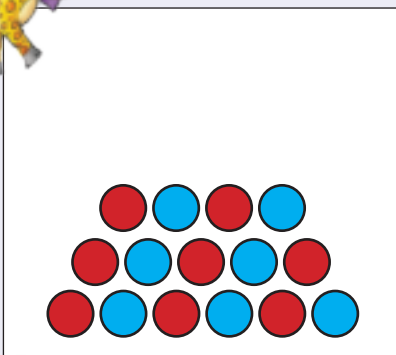
Olani phetheni dza inwi muṅe ni tshi shumisa.



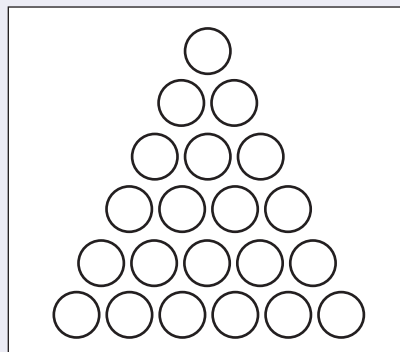
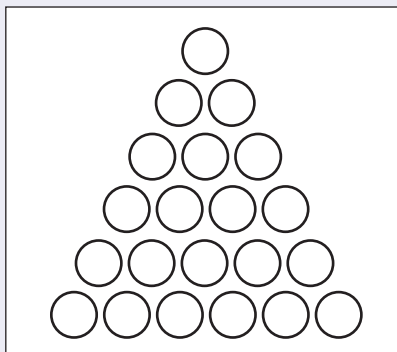
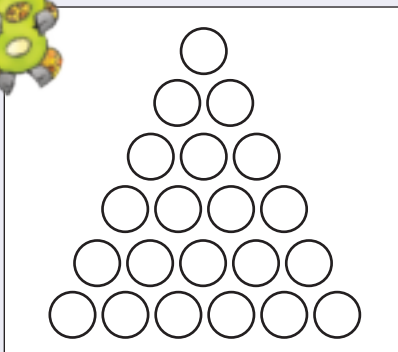
Olani phetheni i tevhelaho.



Fhedzisani zwi tevhelaho uri ni vhe na tshitendeledzi tshithihi nṱha.



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



Teacher:
Sign:
Date:



Muandiso: $\times 2$

Hu na maledgere mangana kha tafula inwe na inwe?



No vhalisa hani maledgere
(Vhañwe vhana vha nga ri 1, 2, 3...
Vhañwe 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.

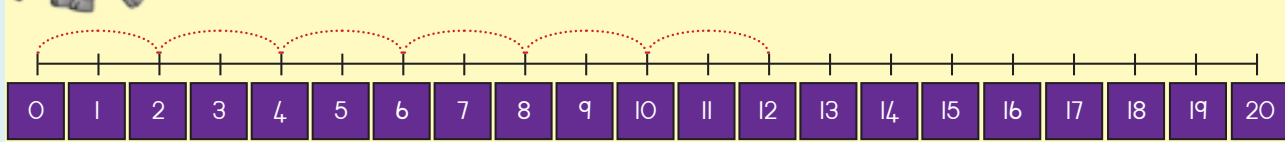
zwigwada zwa 3 zwa 2

zwigwada zwa 4 zwa 2

zwigwada zwa 9 zwa 2



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



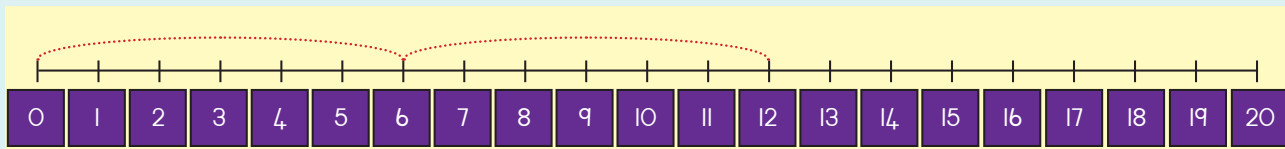
2, 4, 6, 8, _____, _____

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

zwigwada zwa 6 zwa 2 = \square

$6 \times 2 = \square$

Nyolo



6, _____

$6 + \square = \square$

zwigwada zwa 2 zwa $\square = \square$

$2 \times \square = \square$

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

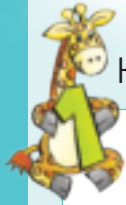


Teacher: _____
Sign: _____
Date: _____



Muandiso: $\times 5$

Hu na malegere 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.

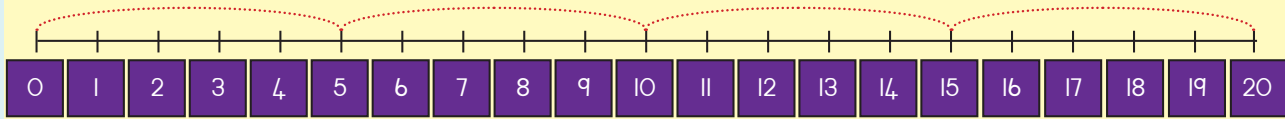
zwigwada zwa 3 zwa 5

zwigwada zwa 4 zwa 5

zwigwada zwa 5 zwa 5



Itani nyolo ya zwi tevhelaho ni n'wale phindulo a'ho fhasi.



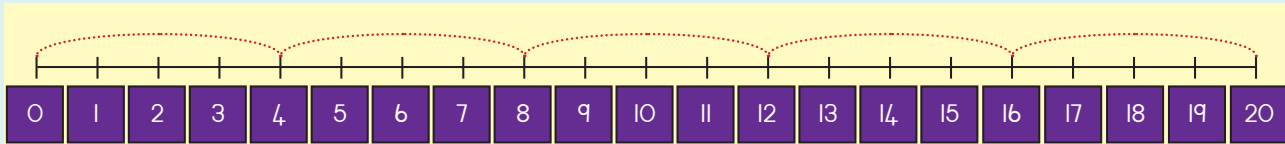
5, 10, 15, ___

$5 + 5 + 5 + 5 =$

zwigwada zwa 4 zwa 5 =

$4 \times 5 =$

Nyolo




4, 8, 12, ___, ___

$4 + 4 + 4 + 4 + 4 =$

zwigwada zwa 5 zwa 4 =

$5 \times 4 =$

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 tshoṭhe tsha nḁevhe, zwaṅa na ṅayo.



Ri khonani dza IO. Ndi zwaṅa 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 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|

$\square + \square = \square$

$\square \times \square = \square$



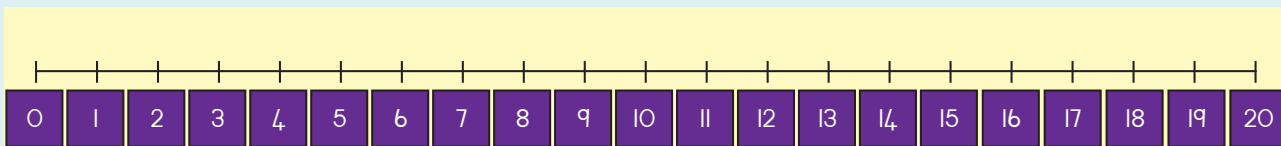
Muṭa wa Susan u na phere dza IO dza zwienda. Vha na zwienda zwingana?

Olani

Sumbedzani nga zwivhaleli.

Blank box for writing answers to the first question.

Sumbedzani kha mutalombalo.



Blank boxes for simple addition and multiplication problems.



Nwalani nganetshelo yaṅu inwi muṅe ni tshi shumisa vhana vha 6 na zwaṅda zwaṅho.

Blank lines for writing answers to the counting exercise.

Tracing exercise with a pencil icon and dotted numbers: 5, 10, 15, 20, 25, 30, 35.



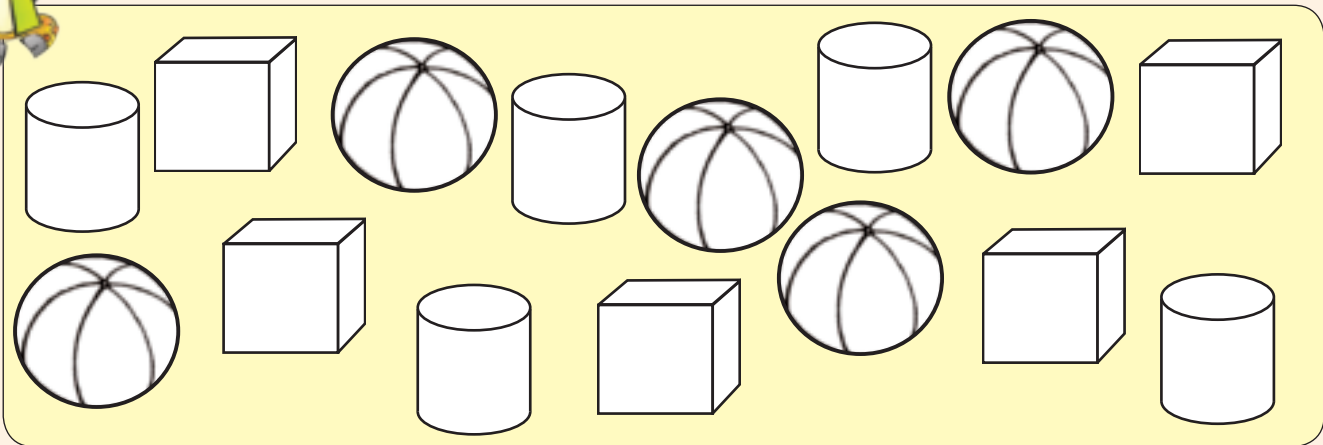
Teacher:
Sign:
Date:

Deithi:

Zwithu zwa siararu (3-D)



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

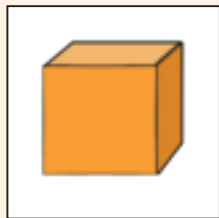


Nangani ipfi lone.



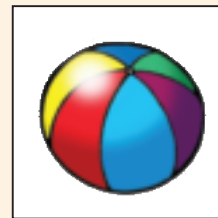
matungo a tswititi

matungo a kheve



matungo a tswititi

matungo a kheve



matungo a tswititi

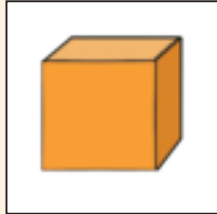
matungo a kheve



Ambani arali tshithu tshi tshi do kunguluwa kana u suvha.



suvha
kunguluwa



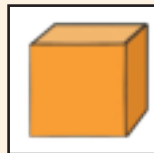
suvha
kunguluwa



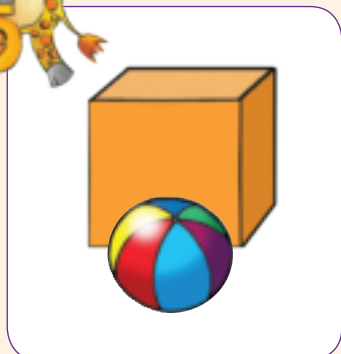
suvha
kunguluwa



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

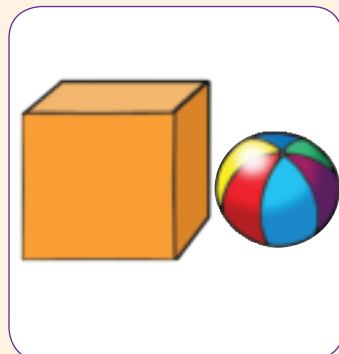


Bola i ngafhi? I nga phanda ha bogisi? Nga matungo? Nga murahu? Nga ntsha?



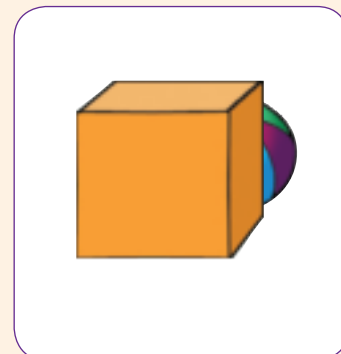
nga phanda ha _____ nga matungo a _____

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 _____

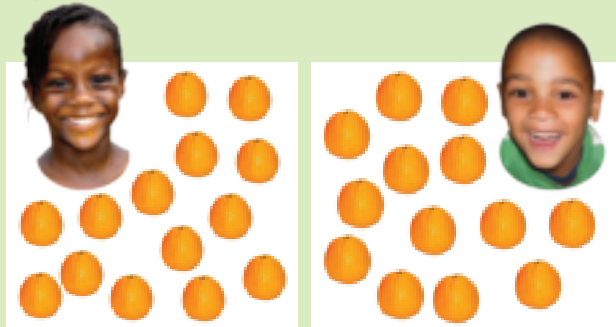


Teacher: _____
Sign: _____
Date: _____

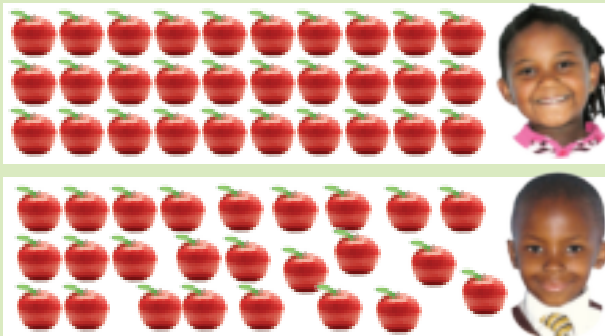
Vhekanyani nomboro ni dzi vhambedze: 1 – 40



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 |



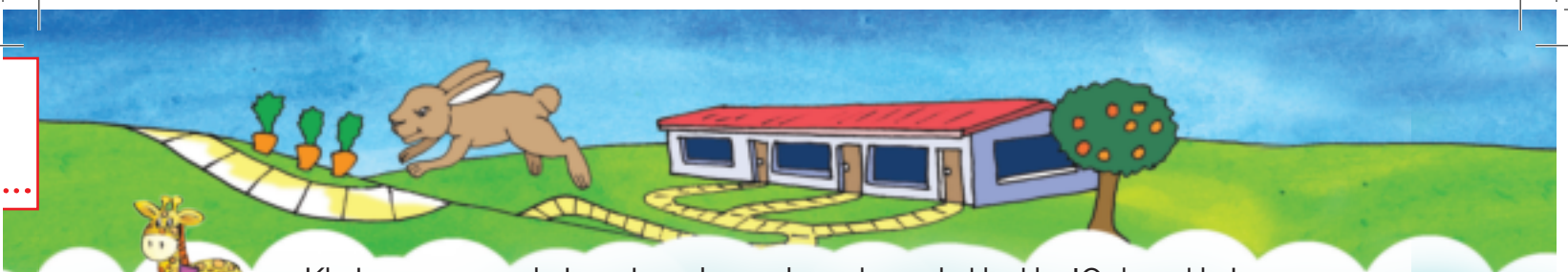
Lavhelesani vhulungu ni f'hindule mbudziso.

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 tshukhu 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 tshukhu 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 tshukhu kha 40 na na nga wa tsaḁa dzine dza vha khulwane kha 36.

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

Khalarani nga muvhala wa tsaḁa 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?

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

Ñwalani 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?

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


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

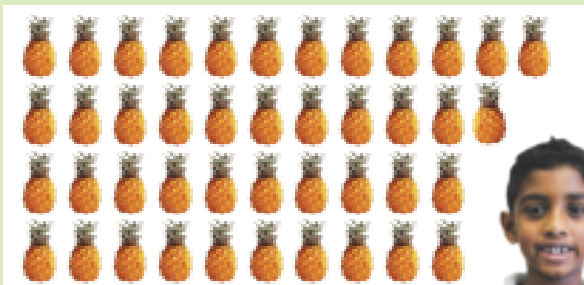
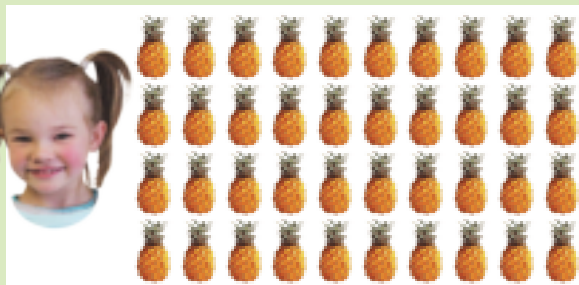


Teacher:
Sign:
Date:

Vhekanyani nomboro ni dzi vhambedze: 40 – 50



Ndi nnyi a re na zwienge zwinzhi?  kana 



Vhalani vhulungu ni dadze 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 fhindule 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?



Khalarani nga muvhala mudala nomboro dzine dza vha tshukhu kha 40 na u vha khulwane kha 36.

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

Nomboro dzi re tshukhu kha 40.

Nomboro dzi re khulwane kha 36.



Khalarani nga muvhala wa tada nomboro dza ivini na mudala nomboro dza odo.

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

| | |
|-------------------------------------------------------|----------------------|
| Ndi nomboro ifhio ya odo i no tevhela 40? | <input type="text"/> |
| Ndi nomboro ifhio ya ivini i no rangela 43? | <input type="text"/> |
| Nwalani nomboro dza ivini dzi re vhukati ha 40 na 50? | <input type="text"/> |
| Nwalani nomboro dza odo dzi re vhukati ha 40 na 50? | <input type="text"/> |
| Ndi nomboro ifhio ya odo i no rangela 40? | <input type="text"/> |
| Ndi nomboro ifhio ya ivini i no tevhela 41? | <input type="text"/> |



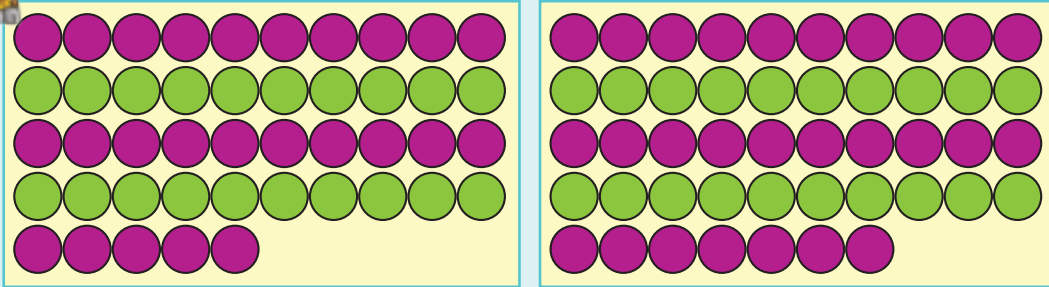
Teacher:
Sign:
Date:

Deithi:

Nomboro 40 – 50



Ndi vhulungu vhungana he na vhala?



Nomboro

Ri nga i n'wala sa:

Nomboro

Ri nga i n'wala sa:

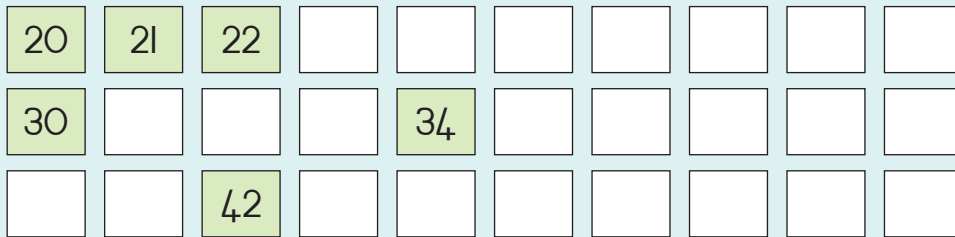
45

$$40 + 5 = 45$$

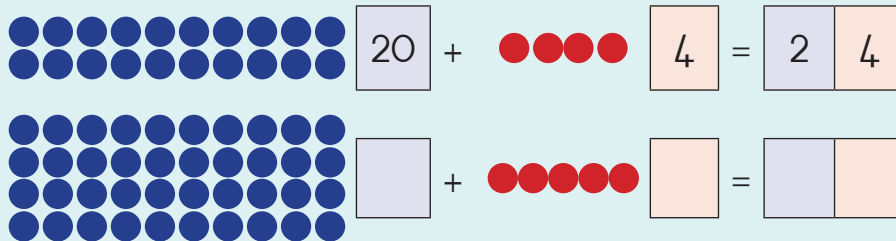
$$\square + \square = \square$$



Fhedzisani zwi tevhelaho.



Fhedzisani zwi tevhelaho.





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 <input type="text" value="4"/> + yuniti dza <input type="text" value="5"/> | 44 = mahumi a <input type="text"/> + yuniti dza <input type="text"/> |
| 43 = mahumi a <input type="text"/> + yuniti dza <input type="text"/> | 41 = mahumi a <input type="text"/> + yuniti dza <input type="text"/> |
| 42 = mahumi a <input type="text"/> + yuniti dza <input type="text"/> | 48 = mahumi a <input type="text"/> + yuniti dza <input type="text"/> |



Ñwalani nomboro yone kha kholomo yone.

| | Mahumi | Yuniti |
|----|--------|--------|
| 27 | | |
| 34 | | |
| 46 | | |
| 41 | | |
| 39 | | |

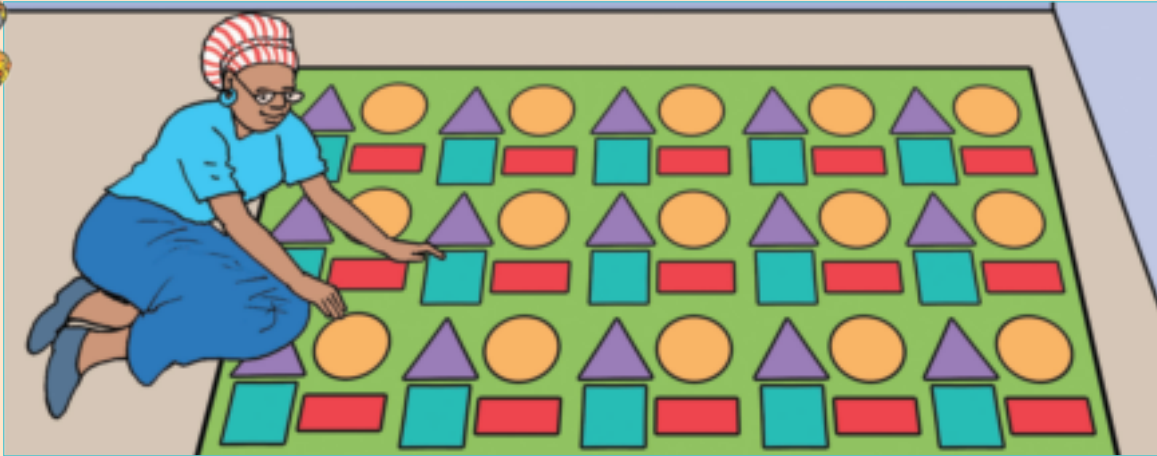


Teacher:
Sign:
Date:

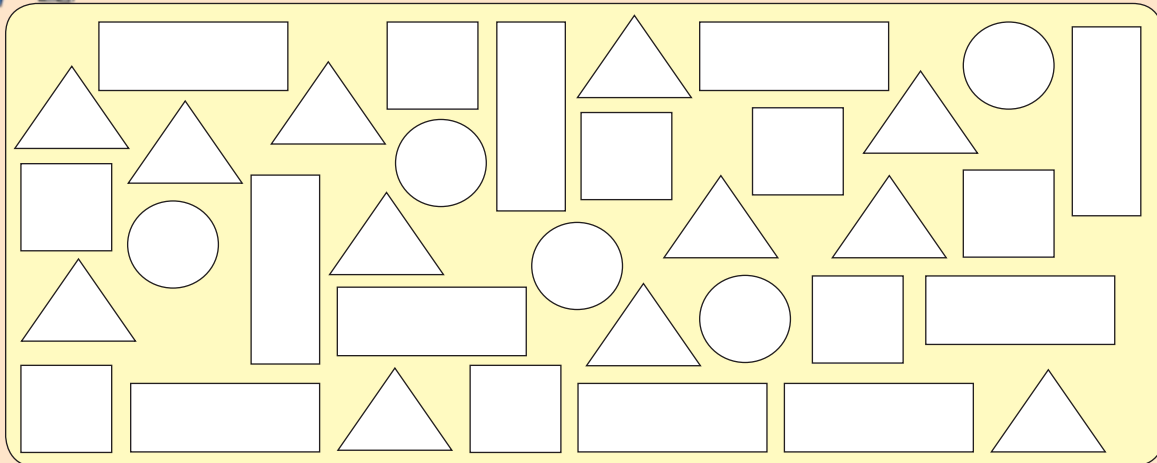
Zwikwea, rekithiengele, thiraiengele na zwitendeledzi

Deithi:

Makhulu vho ita khwilithi yo nakaho. Talusani zwivhumbeo zwothe.



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

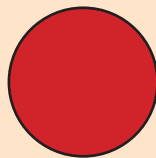


Nangani ni ole phindulo yone.



matungo a tswititi

matungo a tshipulumbu



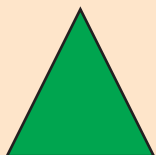
matungo a tswititi

matungo a tshipulumbu



matungo a tswititi

matungo a tshipulumbu

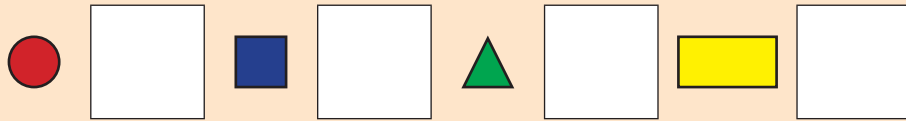
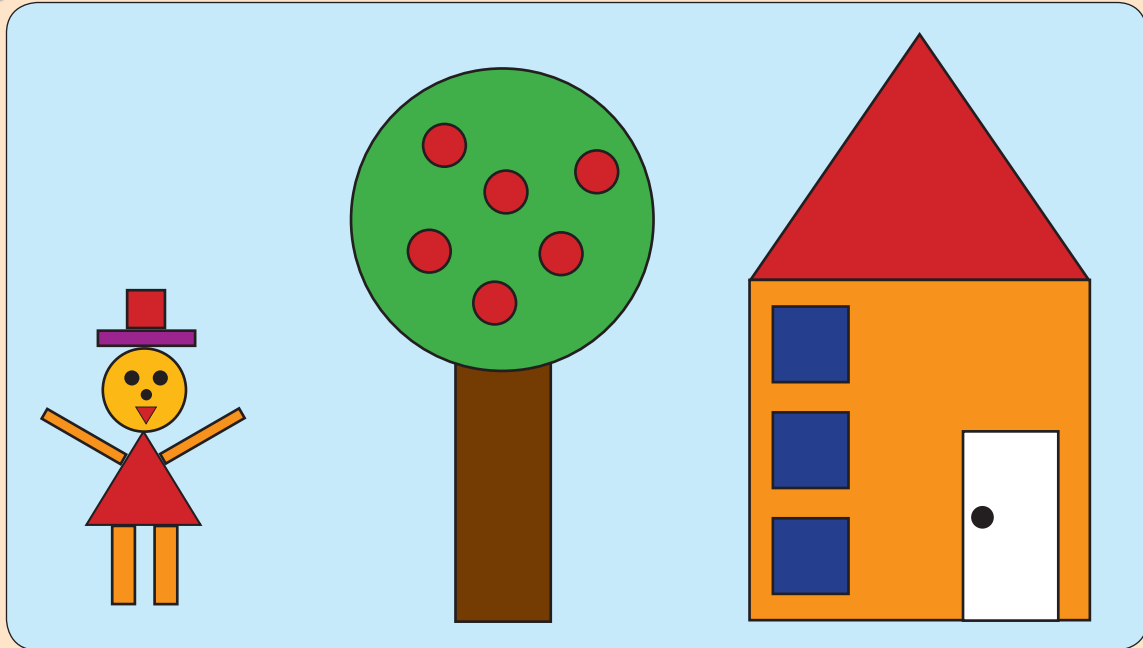


matungo a tswititi

matungo a tshipulumbu



Ndi    na  zwingana zwe na vhala?



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



Teacher:
Sign:
Date:



Deithi:

Mutanganyo na mutuso u swika kha 20



U elelwa nga u t̄avhanya.

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

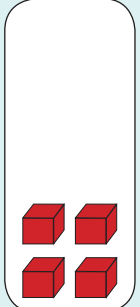
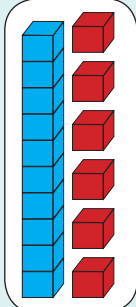


T̄anganyani zwi tevhelaho.

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



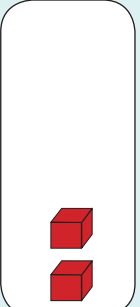
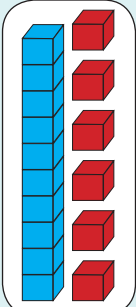
Tusani zwi tevhelaho.



$$= 10 - 4$$

$$= 10 - 2$$

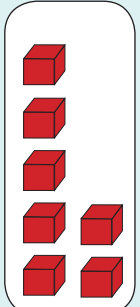
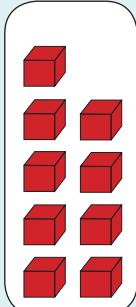
$$= 8$$



$$= \square - \square$$

$$= \square + \square$$

$$= \square$$

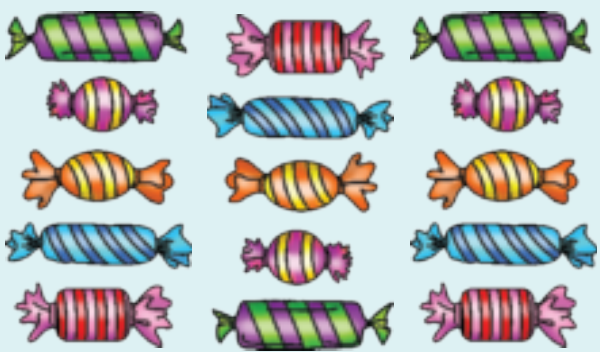


$$= \square - \square$$

$$= \square$$



Ndo renga malegere a 15. Ndo la a 2. Ndo nea khonani yanga a 4.
Ndo salelwa nga malegere mangana?



Teacher:
Sign:
Date:



Deithi:

Mutanganyo na mutuso u swika kha 50



U elelwa nga u tavhanya.

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



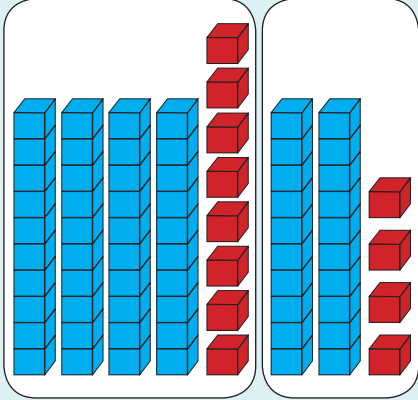
Tanganyani zwi tevhelaho.

| | | |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | $=$ <input type="text"/> <input type="text"/> + <input type="text"/> <input type="text"/> $=$ <input type="text"/> + <input type="text"/> $=$ <input type="text"/> |
| | | $=$ <input type="text"/> <input type="text"/> + <input type="text"/> <input type="text"/> + <input type="text"/> <input type="text"/> $=$ <input type="text"/> + <input type="text"/> $=$ <input type="text"/> |

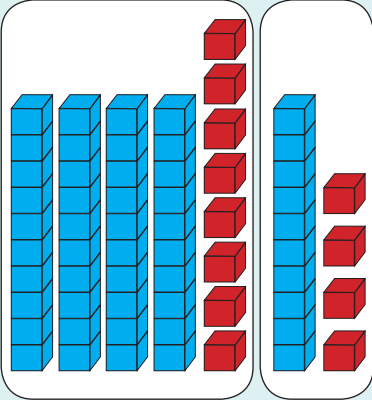
Zwino edzisanivho ndila yanu.



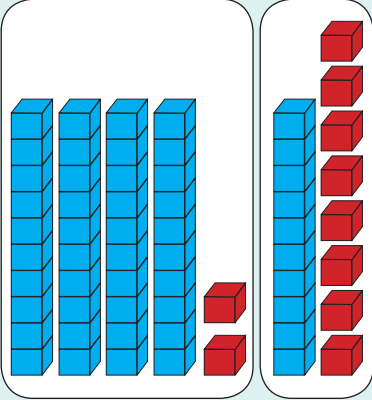
Tusani zwi tevhelaho.



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



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



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



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

R20 R5 R2 RIO



Teacher:
Sign:
Date:

39a

Themo ya 2



Deithi:

Mutanganyo muñwe hafhu

Tanganyani nomboro dzi re tshibulokoni tshinwe na tshinwe ni ñwale t̄hanganyelo.

1 10 5
10

2 10 6
20

3 20 5
20

4 20 4
10



Tanganyani.

0 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

13 + 12 =

0 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

14 + 12 =

0 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

19 + 11 =

0 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

16 + 13 =

0 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

15 + 14 =



Tanganyani.

$12 + 11$

=

| | | | |
|---|---|---|---|
| 1 | 0 | + | 2 |
|---|---|---|---|

 +

| | | | |
|---|---|---|---|
| 1 | 0 | + | 1 |
|---|---|---|---|

=

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | 0 | + | 1 | 0 | + | 2 | + | 1 |
|---|---|---|---|---|---|---|---|---|

=

| | | | |
|---|---|---|---|
| 2 | 0 | + | 3 |
|---|---|---|---|

=

| | |
|---|---|
| 2 | 3 |
|---|---|

$13 + 15$

=

| | | | | |
|--|--|---|--|--|
| | | + | | |
|--|--|---|--|--|

=

| | | | | | | | | |
|--|---|--|---|--|---|--|---|--|
| | + | | + | | + | | + | |
|--|---|--|---|--|---|--|---|--|

=

| | | |
|--|---|--|
| | + | |
|--|---|--|

=

| |
|--|
| |
|--|

$26 + 12$

=

| | | | | |
|--|--|---|--|--|
| | | + | | |
|--|--|---|--|--|

=

| | | | | | | | | |
|--|---|--|---|--|---|--|---|--|
| | + | | + | | + | | + | |
|--|---|--|---|--|---|--|---|--|

=

| | | |
|--|---|--|
| | + | |
|--|---|--|

=

| |
|--|
| |
|--|

$23 + 22$

=

| | | | | |
|--|--|---|--|--|
| | | + | | |
|--|--|---|--|--|

=

| | | | | | | | | |
|--|---|--|---|--|---|--|---|--|
| | + | | + | | + | | + | |
|--|---|--|---|--|---|--|---|--|

=

| | | |
|--|---|--|
| | + | |
|--|---|--|

=

| |
|--|
| |
|--|

$24 + 13$

=

| | | | | |
|--|--|---|--|--|
| | | + | | |
|--|--|---|--|--|

=

| | | |
|--|---|--|
| | + | |
|--|---|--|

=

| |
|--|
| |
|--|

$35 + 12$

=

| | | | | |
|--|--|---|--|--|
| | | + | | |
|--|--|---|--|--|

=

| | | |
|--|---|--|
| | + | |
|--|---|--|

=

| |
|--|
| |
|--|



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



Teacher:
Sign:
Date:



Deithi:

Muṭanganyo muṅwe hafhu

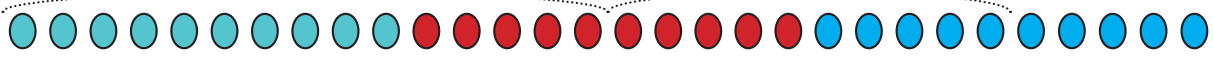


Ṓwalani ṭhanganyelo.

$$12 + 10 = \square$$



$$15 + 10 = \square$$



$$19 + 10 = \square$$



Olani vhuṅwe vhulungu hoṭhe ni fhedzise ṭhanganyelo.

0 10 20 30

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

0 10 20 30

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

0 10 20 30

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

0 10 20 30

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



Fhedzisani.

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



Tanganyani.

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



Thanganyelo ya 27 na 26 ndi?

Olani tshifanyiso ni tshi sumbedza phindulo yanu.



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

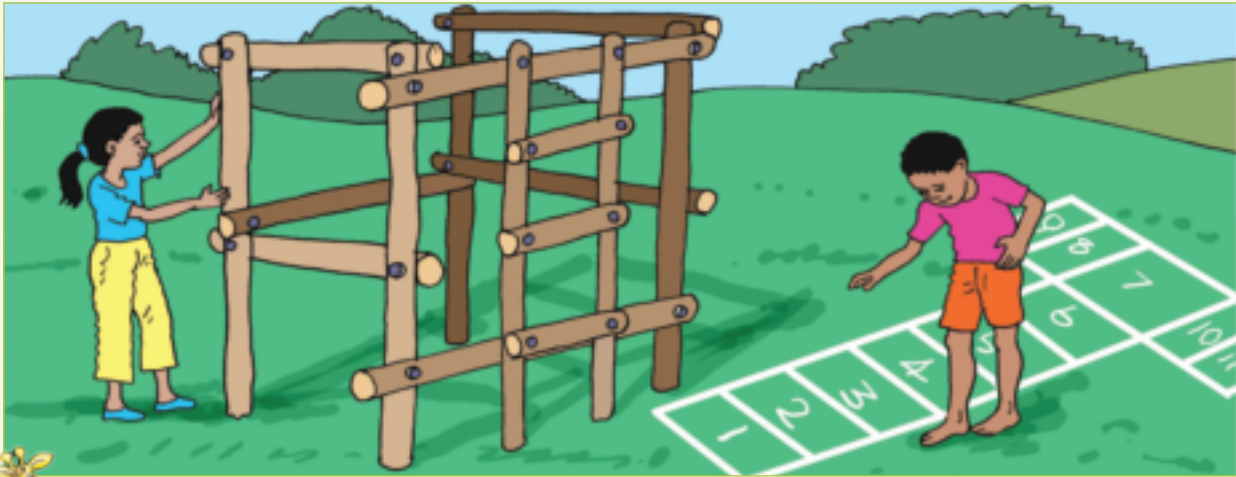


Teacher: _____
Sign: _____
Date: _____

Deithi:



Vhulapfu

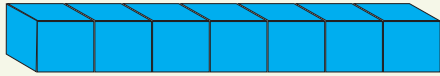


Khalarani phindulo yone ni tshi sumbedza uri miduba (rou) iyi ndi mipfufhi kana ndi milapfu naa, milapfu (vhunavha), kana yo ntama kana yo sekena naa. Khalarani phindulo yanu nga muvhala muthihi na wa zwibuloko.



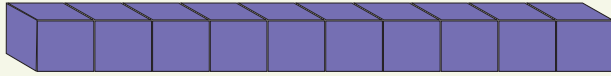
pfufhi

ndapfusa



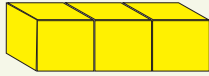
pfufhi

ndapfusa



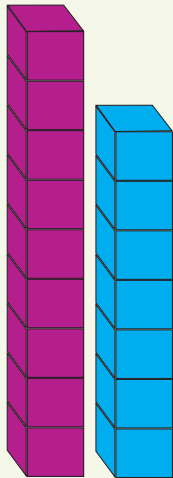
pfufhi

ndapfusa



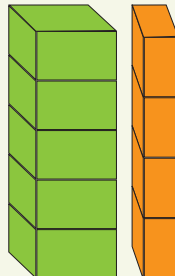
pfufhi

ndapfusa



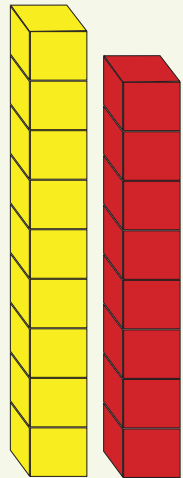
a tamesa

sekenea



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:
Sign:
Date:



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 |

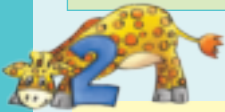
$$17 - 7 = 10$$

$$12 - 2 = 10$$

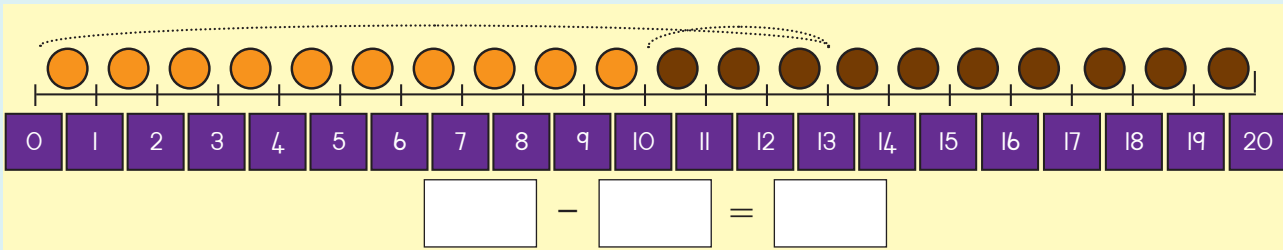
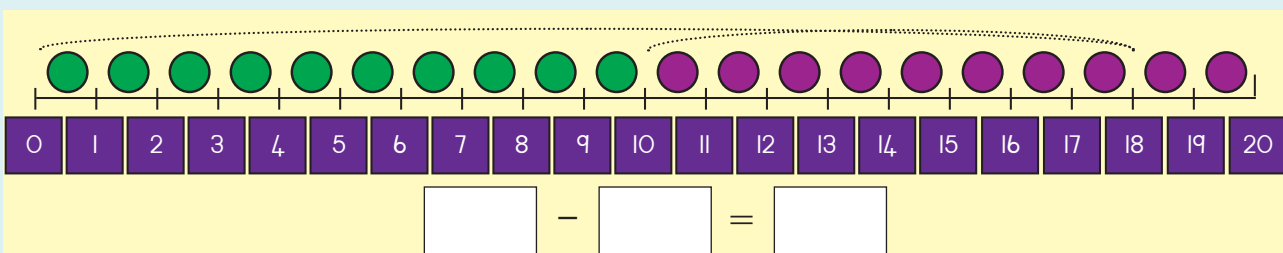
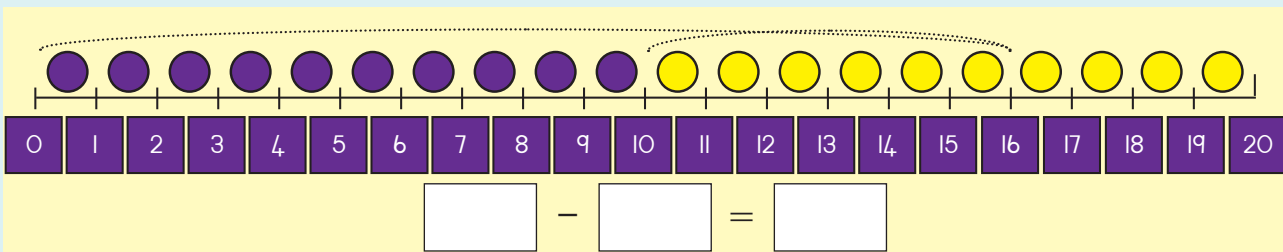
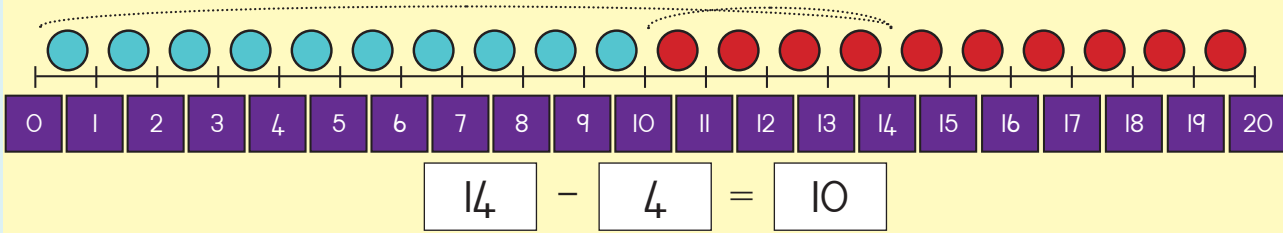
$$15 - 5 = 10$$

$$13 - 3 = 10$$

$$18 - 8 = 10$$



Shumisani mutalombalo. Nwalani mbalo ya mutuso.





Tusani.

| | | | | | |
|----|---|---|---|---|--|
| 10 | 3 | - | 3 | = | |
| 10 | 5 | - | 5 | = | |
| 10 | 1 | - | 1 | = | |
| 10 | 4 | - | 4 | = | |
| 10 | 9 | - | 9 | = | |

| | | | | | |
|----|---|---|---|---|--|
| 10 | 2 | - | 2 | = | |
| 10 | 7 | - | 7 | = | |
| 10 | 6 | - | 6 | = | |
| 10 | 8 | - | 8 | = | |
| 10 | 9 | - | 5 | = | |



Tusani.

16 - 13

| | | | | |
|----|----|----|---|---|
| 10 | 10 | | 0 | |
| 6 | - | 3 | = | 3 |
| 16 | - | 13 | = | 3 |

14 - 12

| | | | | |
|----|----|----|---|--|
| 10 | 10 | | | |
| 4 | - | 2 | = | |
| 14 | - | 12 | = | |

27 - 11

| | | | | |
|----|----|---|---|--|
| 20 | 10 | | | |
| 7 | - | 1 | = | |
| | - | | = | |

35 - 13

| | | | | |
|----|----|---|---|--|
| 30 | 10 | | | |
| 5 | - | 3 | = | |
| | - | | = | |

26 - 12

| | | | | |
|----|----|---|---|--|
| 20 | 10 | | | |
| 6 | - | 2 | = | |
| | - | | = | |

48 - 11

| | | | | |
|----|----|---|---|--|
| 40 | 10 | | | |
| 8 | - | 1 | = | |
| | - | | = | |



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

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Ndi zwivhaleli zwingana zwe a sala nazwo? <input type="text"/> | | | | | | | | | | | | | | | | | | | |



Teacher:
Sign:
Date:

42a

Themo ya 2

Deithi:



Mutuso munzhi



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

| | | | | | | | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------|----|--|---|----|----------------------------------------------------------------------------------------|----|--|---|--|----------------------------------------------------------------------------------------|----|--|---|--|----------------------------------------------------------------------------------------|----|--|---|--|
| <table border="1"> <tr><td>10</td><td></td></tr> <tr><td>7</td><td>17</td></tr> </table> | 10 | | 7 | 17 | <table border="1"> <tr><td>20</td><td></td></tr> <tr><td>2</td><td></td></tr> </table> | 20 | | 2 | | <table border="1"> <tr><td>30</td><td></td></tr> <tr><td>8</td><td></td></tr> </table> | 30 | | 8 | | <table border="1"> <tr><td>40</td><td></td></tr> <tr><td>9</td><td></td></tr> </table> | 40 | | 9 | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 7 | 17 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>10</td><td></td></tr> <tr><td>5</td><td>15</td></tr> </table> | 10 | | 5 | 15 | <table border="1"> <tr><td>10</td><td></td></tr> <tr><td>1</td><td></td></tr> </table> | 10 | | 1 | | <table border="1"> <tr><td>10</td><td></td></tr> <tr><td>5</td><td></td></tr> </table> | 10 | | 5 | | <table border="1"> <tr><td>10</td><td></td></tr> <tr><td>4</td><td></td></tr> </table> | 10 | | 4 | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 5 | 15 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | |



Shumisani mutalombalo. Nwalani mbalo ya mutuso.

| |
|------------------------------------|
| <p>0 10 20 30</p> <p>25 - 12 =</p> |
| <p>0 10 20 30</p> <p>- =</p> |
| <p>0 10 20 30</p> <p>- =</p> |
| <p>0 10 20 30</p> <p>- =</p> |
| <p>0 10 20 30</p> <p>- =</p> |



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:



Fhedzisani.

$$46 - 13 = \square$$

$$49 - 23 = \square$$

$$38 - 14 = \square$$

$$27 - 16 = \square$$

$$25 - 11 = \square$$

$$46 - 32 = \square$$



Ra tusa.

$21 - 10 = \square$

$43 - 10 = \square$

$16 - 10 = \square$

$28 - 10 = \square$

$27 - 10 = \square$

$22 - 10 = \square$

$34 - 10 = \square$

$37 - 10 = \square$

$45 - 10 = \square$

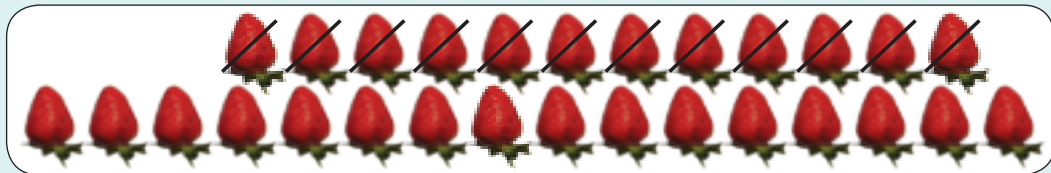


Phambano vhukati ha 35 na 20 ndi? Olani tshifanyiso ni tshi sumbedza phindulo yaṅu.

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



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



Teacher:
Sign:
Date:



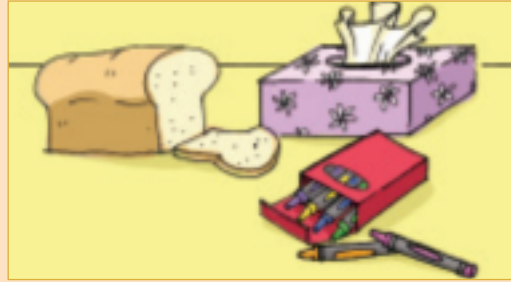
Deithi:



U lemela na u leluwa

Lavhelesani tshifanyiso tshiñwe na tshiñwe ni fhindule mbudziso.

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

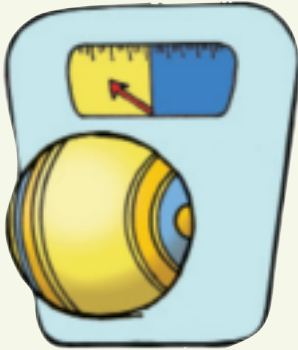


Olani tshifanyiso tsha:

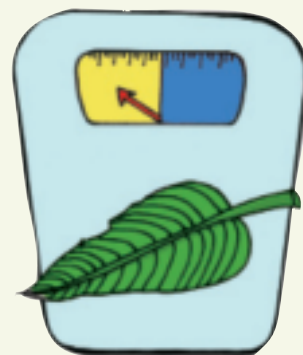
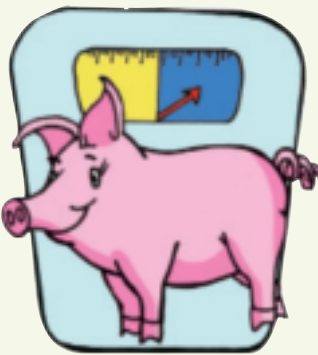
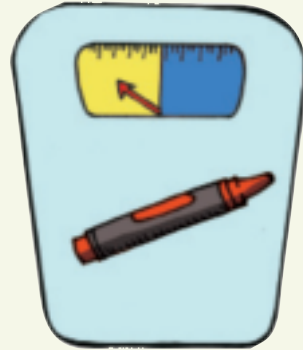
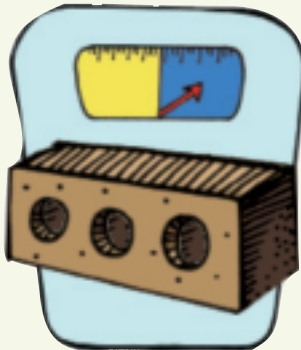
| Zwithu zwi no lemela | Zwithu zwi no leluwa |
|----------------------|----------------------|
| | |



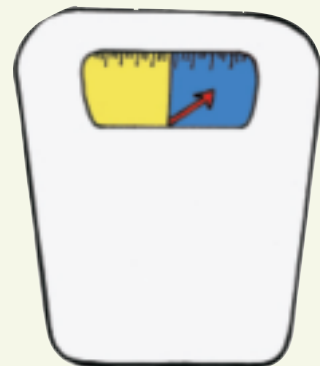
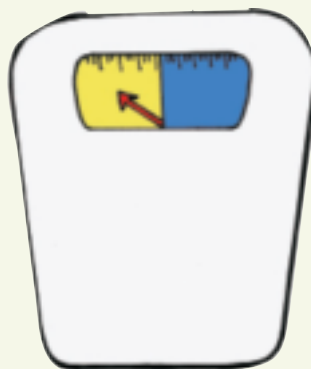
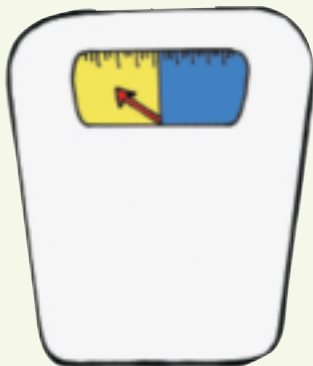
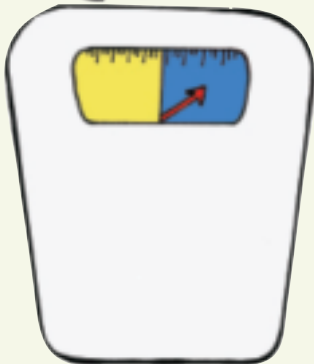
Musi musevhe mutswuku u tshi sumba wa lutombo zwi amba uri itsho tshithu tshi a lemela. Nwalani uri leluwa kana lemela.



u leluwa



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



Teacher:
Sign:
Date:



Deithi:



Phetheni dza nomboro: Nga zwiwhilizwihili

Kha ri vhale nga zwiwhili.



Olani kana ni nambatedze zwithu zwi no ɔa nga zwiwhili.

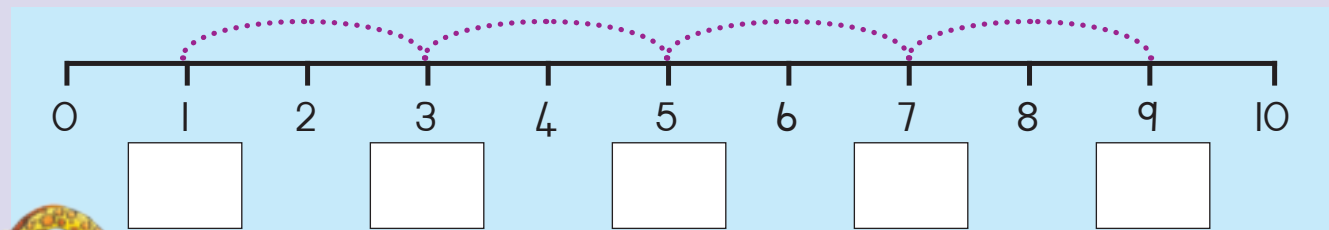
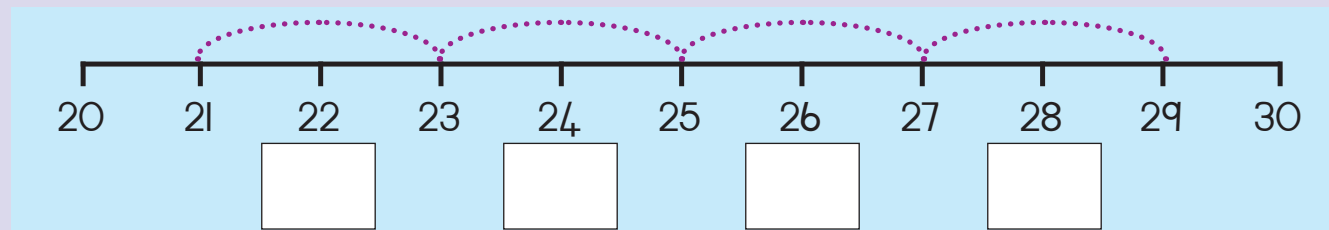
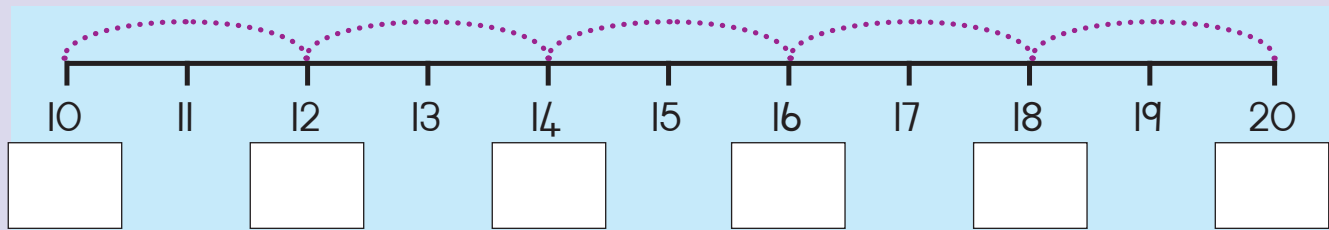
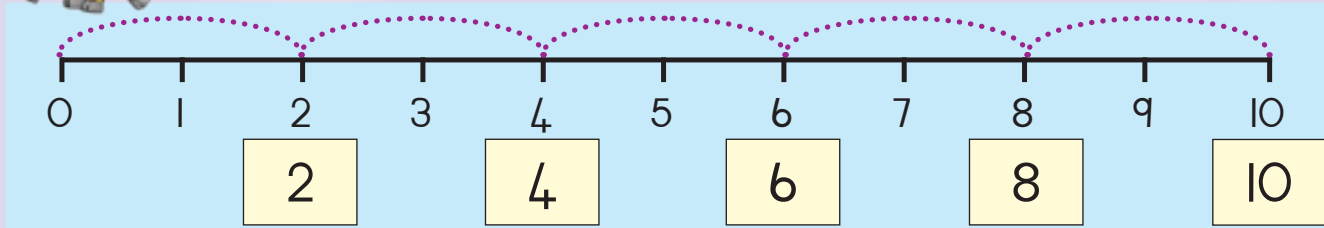


Ro thoma phetheni. I fhedziseni.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| 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 |

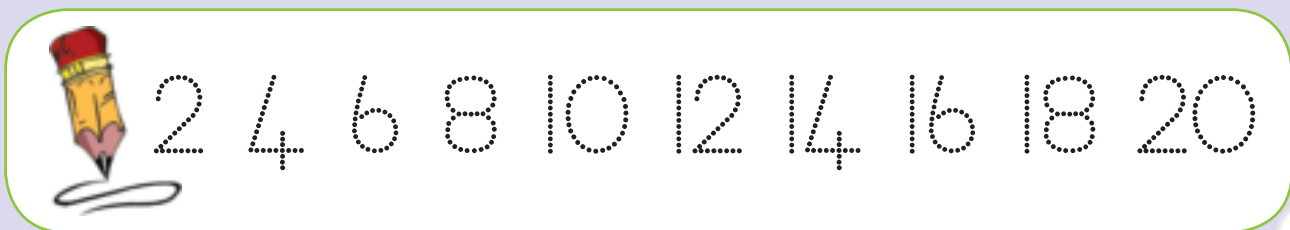


Shumisani mitalombalo kha u nwala phetheni.



Fhedzisani zwi tevhelaho.

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



Teacher: _____
Sign: _____
Date: _____



Deithi:

U inga kavhili (U davhula)

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

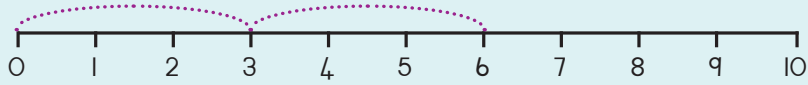


Engedzani zwithoma, ni n'wale tshanganyelo ya inwe na inwe.

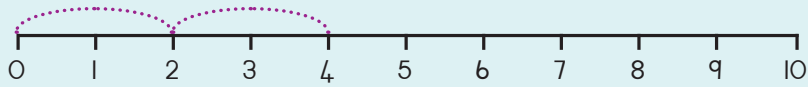
| | | |
|--|--|--------------------------------------------------------------------|
| | | <input type="text"/> + <input type="text"/> = <input type="text"/> |
| | | <input type="text"/> + <input type="text"/> = <input type="text"/> |
| | | <input type="text"/> + <input type="text"/> = <input type="text"/> |
| | | <input type="text"/> + <input type="text"/> = <input type="text"/> |
| | | <input type="text"/> + <input type="text"/> = <input type="text"/> |



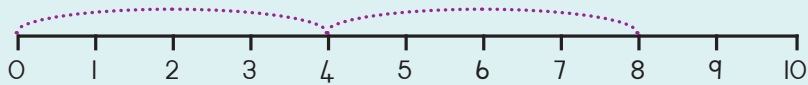
Shumisani mutalombalo kha u n̄wala t̄hanganyelo.



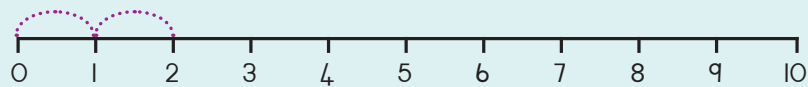
$$\square + \square = \square$$



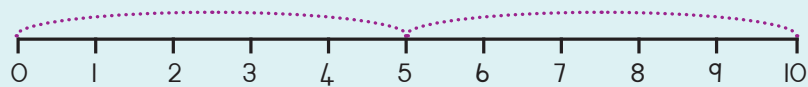
$$\square + \square = \square$$



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



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



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



Ingani kavhili zwi tevhelaho:

1 kavhili $1 + 1 = 2$

$2 \times 1 = 2$

2 kavhili $\square + \square = \square$

$2 \times \square = \square$

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

$2 \times \square = \square$

4 kavhili $\square + \square = \square$

$2 \times \square = \square$

5 kavhili $\square + \square = \square$

$2 \times \square = \square$



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



Teacher:
Sign:
Date:



Deithi:

Ingani kavhili hafhu

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

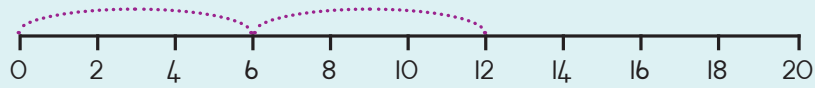


Engedzani zwithoma, ni riwale mbalo ya iriwe na iriwe.

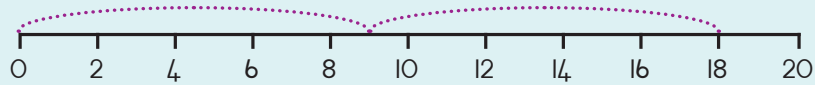
| | | | | | | |
|--|--|----------------------|---|----------------------|---|----------------------|
| | | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> |
| | | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> |
| | | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> |
| | | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> |
| | | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> |



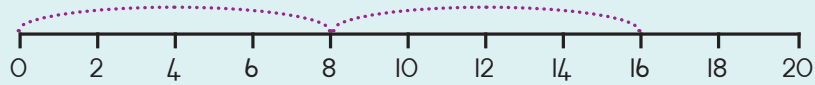
Shumisani mutalombalo kha u n'wala t'hanganyelo.



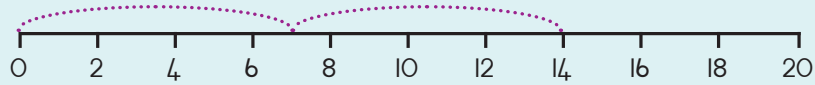
$$\square + \square = \square$$



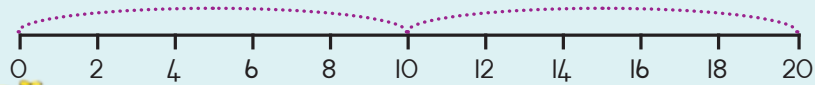
$$\square + \square = \square$$



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



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



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



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

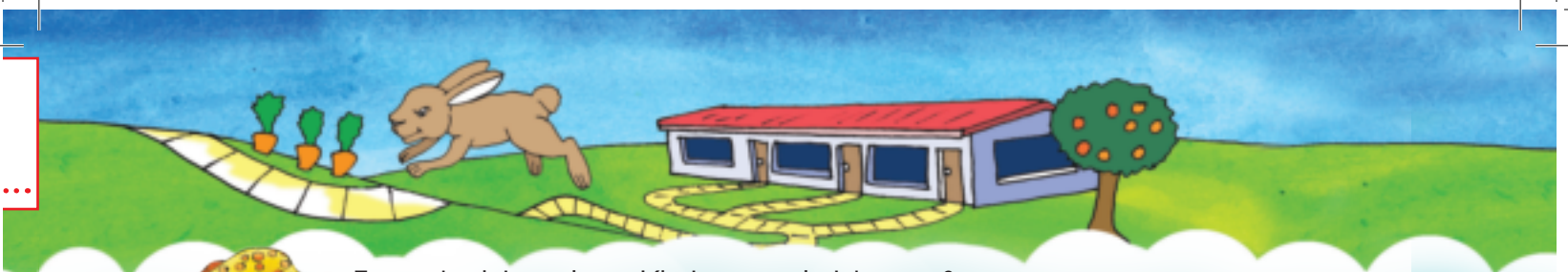


$$\boxed{} + \boxed{} = \boxed{}$$

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:

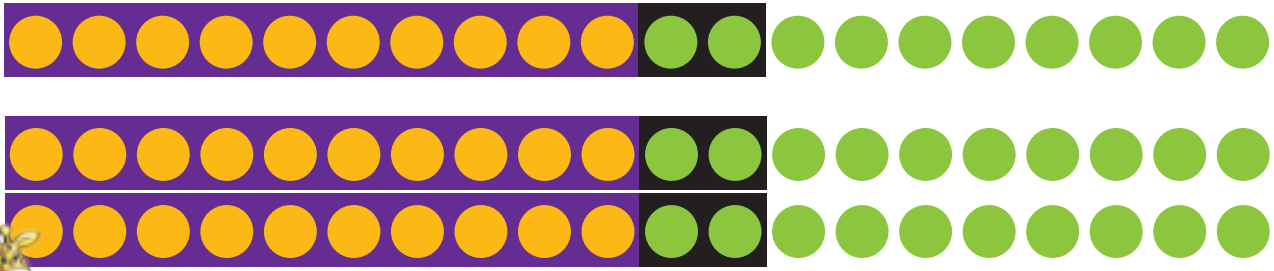
Date:



Deithi:

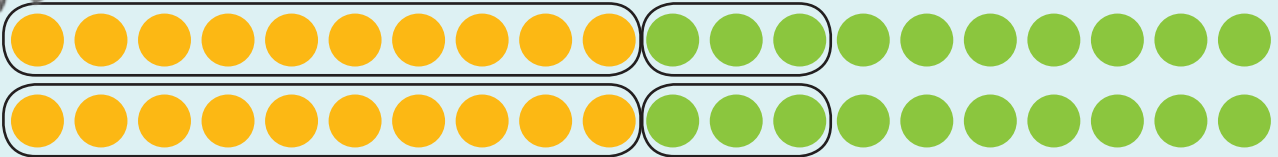
Nyingakavhili hafhu

12 kavhili



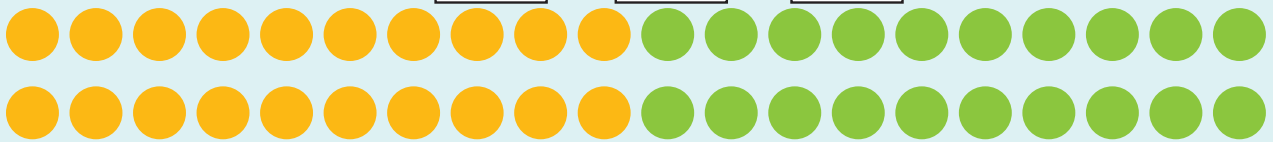
Shumisani vhulungu kha u inga kavhili nomboro. Ro ni itela ya u thoma.

13 kavhili



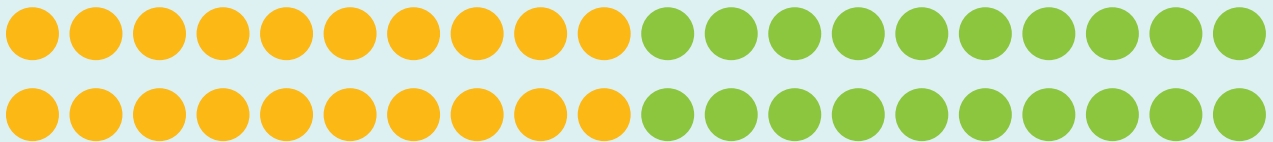
15 kavhili

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



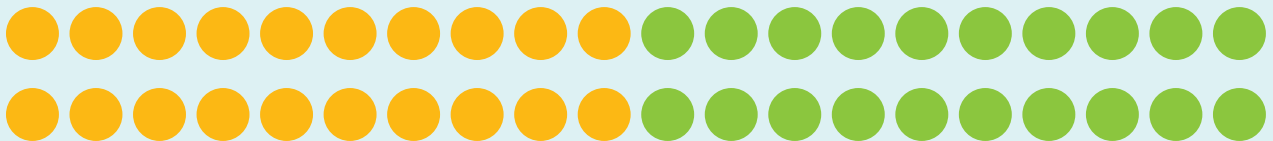
14 kavhili

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



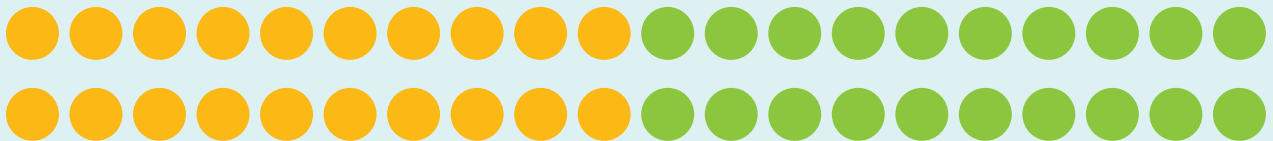
11 kavhili

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



16 kavhili

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



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



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

11 kavhili

$$\begin{array}{l} \square + \square = \square \\ 2 \times \square = \square \end{array}$$

13 kavhili

$$\begin{array}{l} \square + \square = \square \\ 2 \times \square = \square \end{array}$$

14 kavhili

$$\begin{array}{l} \square + \square = \square \\ 2 \times \square = \square \end{array}$$

15 kavhili

$$\begin{array}{l} \square + \square = \square \\ 2 \times \square = \square \end{array}$$


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 ṅwala maipfi a 14 zwavhuḍi kha mutambo wa mupeleḷo. We a wina a kona a no fhira anga kavhili. We a wina o kona mangana?



Teacher:

Sign:

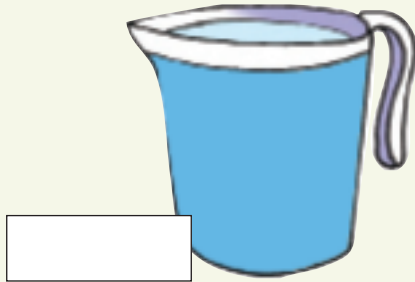
Date:

Zwifaredzi na khaphasithi

Ambani nga zwifaredzi zwi re kha desike.

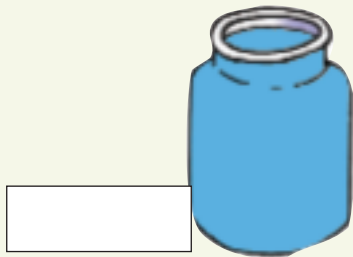


Bulani uri tshifaredzi tsho dala kana a tshi na tshithu.





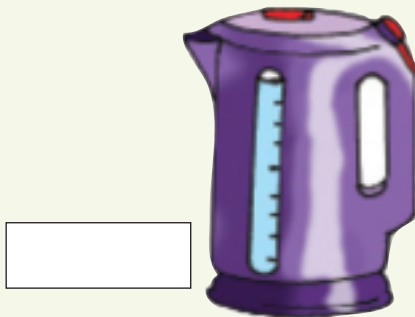
















Khalarani ni tshi sumbedza nzulele ya zwifaredzi.



Olani zwifaredzi zwanu inwi muṅe ni khalarare zwi re ngomu hazwo.

A tshi na tshithu

Tsho dala

A tshi na tshithu

Tsho dala



Teacher:

Sign:

Date:



Muandiso: $\times 3$

Ndi maḷegere mangana a re kha ṭafula 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.

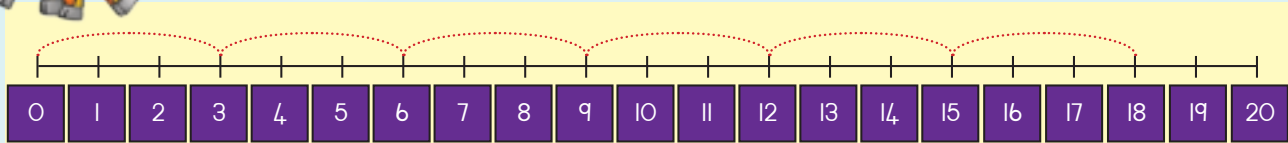
zwigwada zwa 3 zwa 3

zwigwada zwa 4 zwa 3

zwigwada zwa 5 zwa 3



Itani nyolo ya zwi tevhelaho.



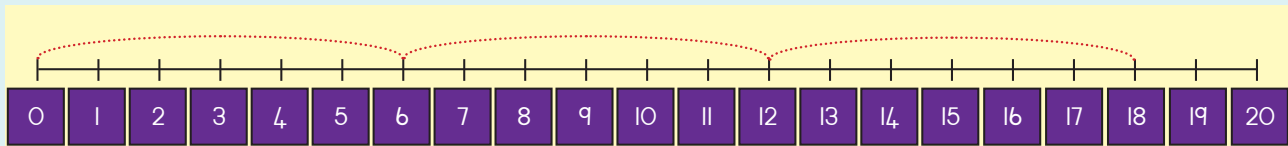
3, 6, 9, 12, ____, ____

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

zwigwada zwa 6 zwa $\square = \square$

$6 \times 3 = \square$

Nyolo



6, ____, ____

$6 + \square + \square = \square$

zwigwada zwa 3 zwa $\square = \square$

$3 \times \square = \square$

Nyolo



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



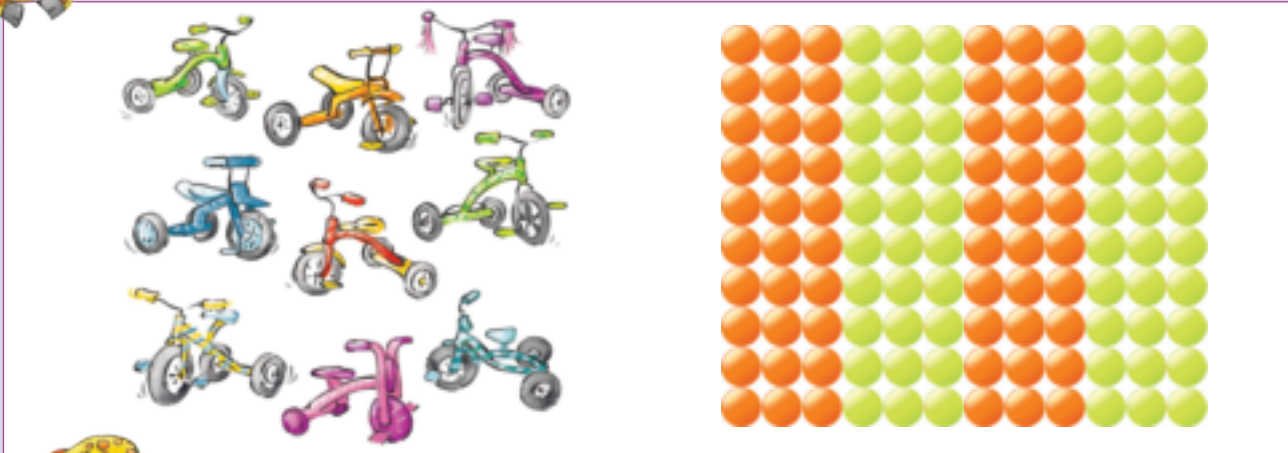
3 6 9 12 15 18

21 24 27 30 33



Teacher: _____
Sign: _____
Date: _____

Phatheni dza nomboro: Nga tharu

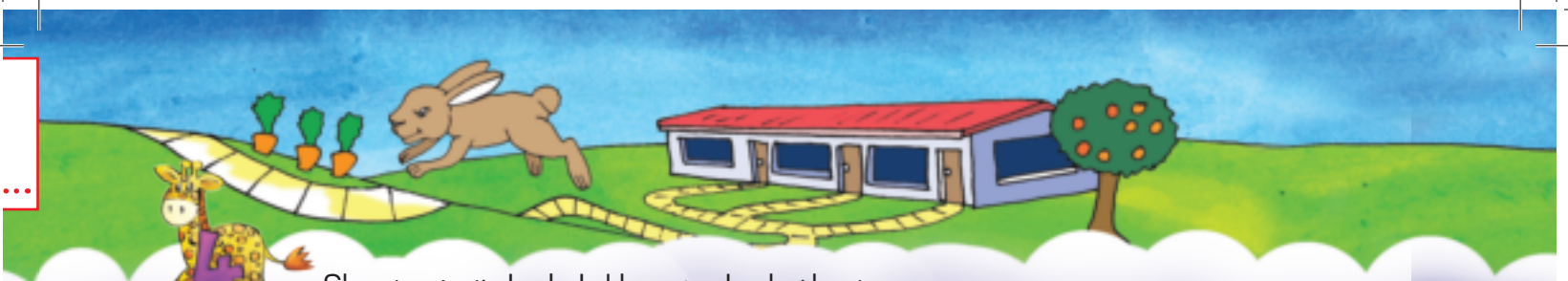


Olani kana ni nambatedze zwifanyiso zwa zwithu zwine zwa da nga zwiraru.

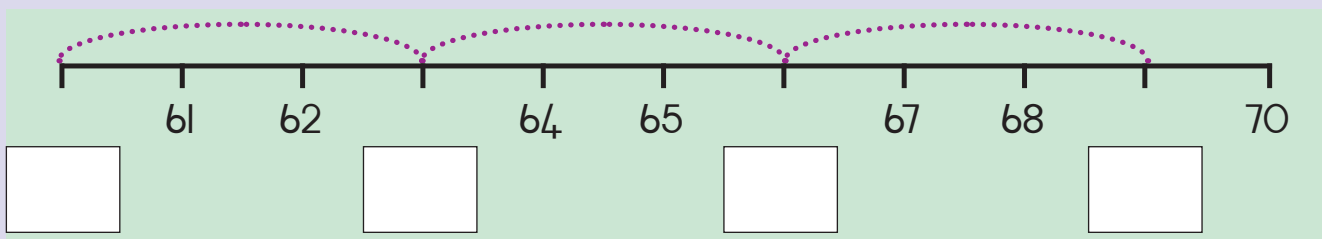
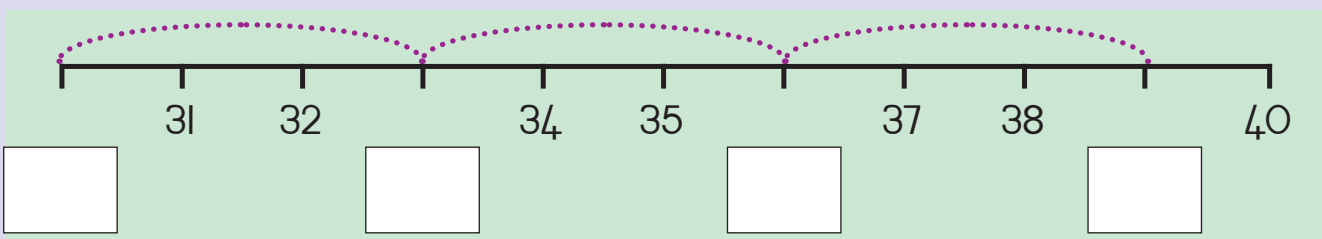
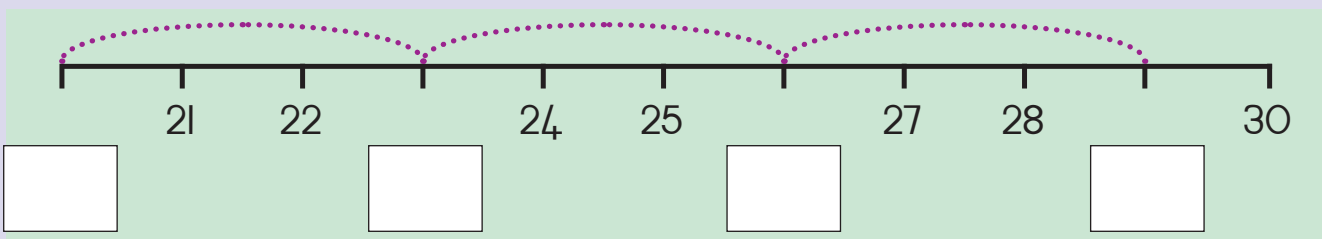
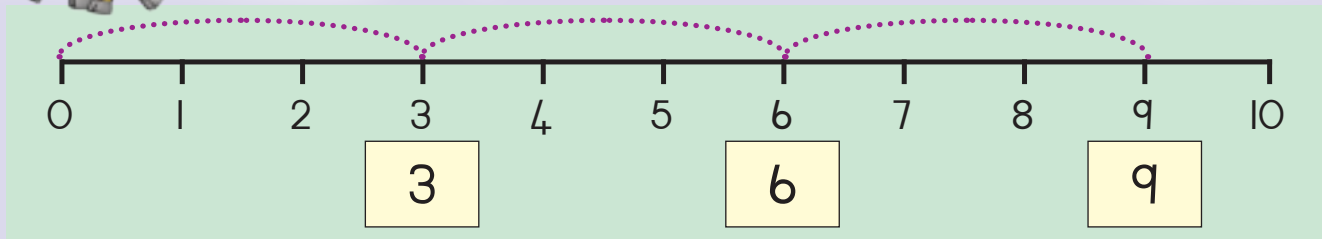


Ro ni thomela phetheni. I fhedziseni.

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



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

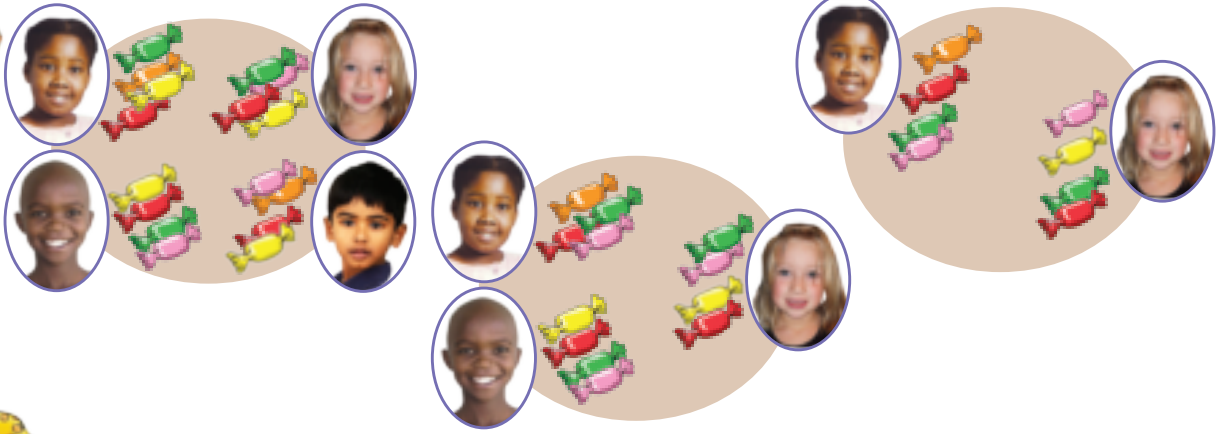


Teacher: _____
 Sign: _____
 Date: _____



Muandiso: $\times 4$

Hu na maḷegere mangana kha ṭafula inwe na inwe?



Fhedzisani zwi tevhelaho.



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

$3 \times 4 =$



zwigwada zwa 2 zwa 4 $4 + 4 =$

$2 \times 4 =$



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

$4 \times 4 =$



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

$6 \times 4 =$



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

$7 \times 4 =$



Itani nyolo ya zwi tevhelaho.

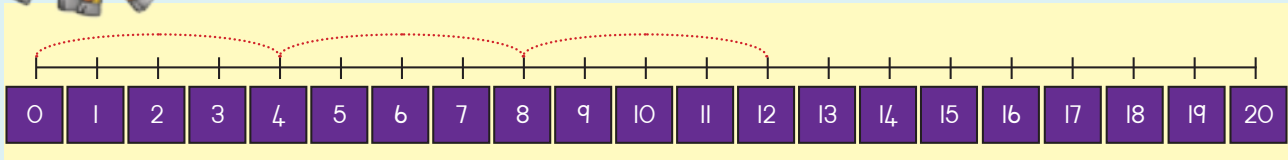
zwigwada zwa 3 zwa 4

zwigwada zwa 4 zwa 4

zwigwada zwa 5 zwa 4



Itani nyolo ya zwi tevhelaho.



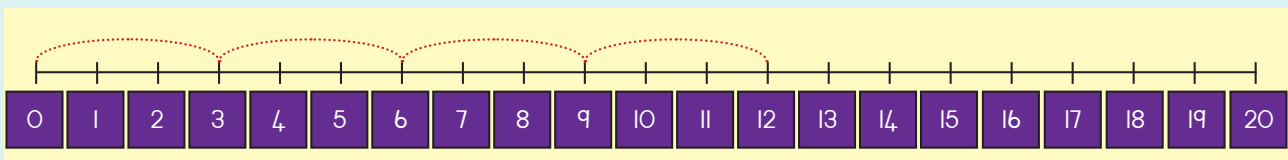
4, 8, ___

$$4 + 4 + 4 = \square$$

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

$$3 \times 4 = \square$$

Nyolo



3, 6, 9, ___

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

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

$$4 \times \square = \square$$

Nyolo



Bere i na milenzhe ya 4.

Ndi milenzhe mingana ine bere dza 3 dza vha nayo?

4 8 12 16 20 24

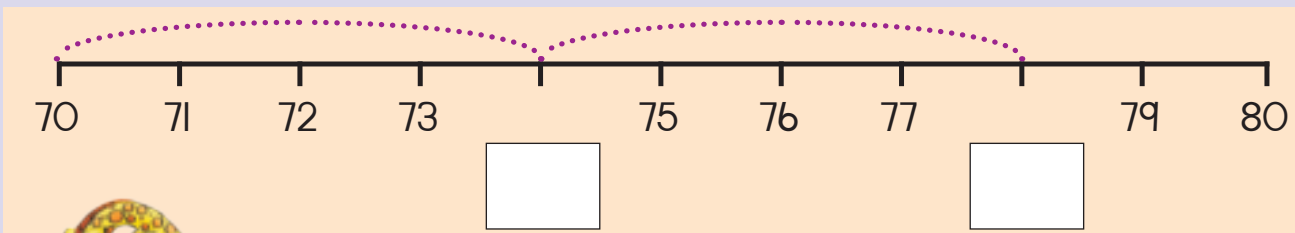
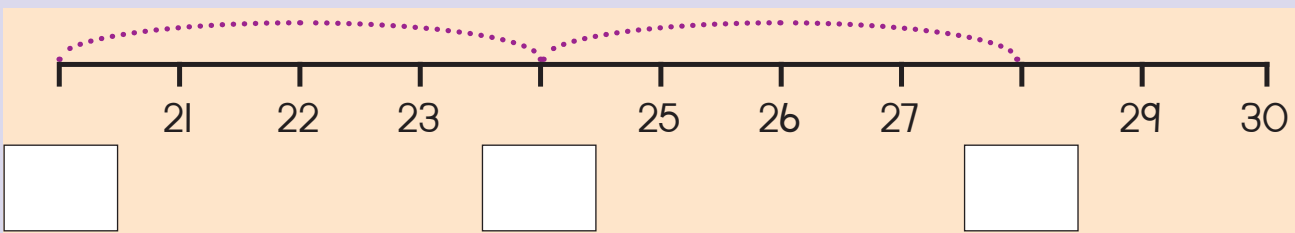
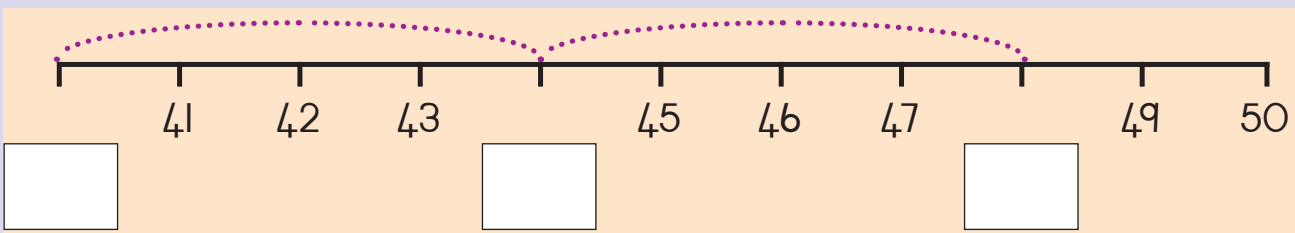
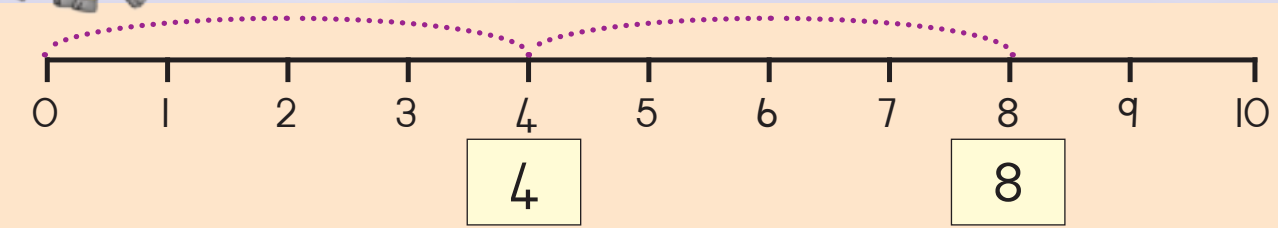
28 32 36 40



Teacher: _____
Sign: _____
Date: _____



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:

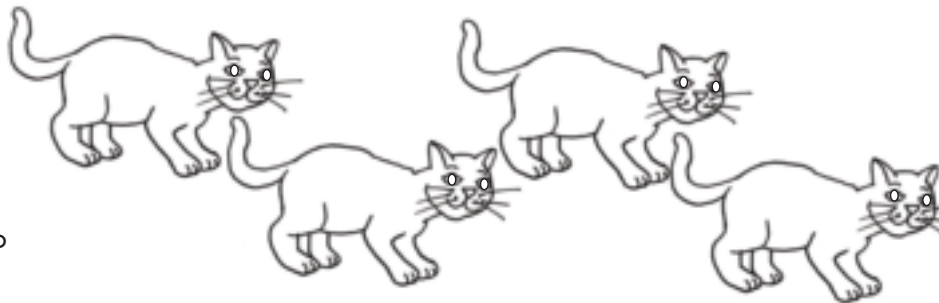
Zwiṭori zwa muandiso hafhu

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



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

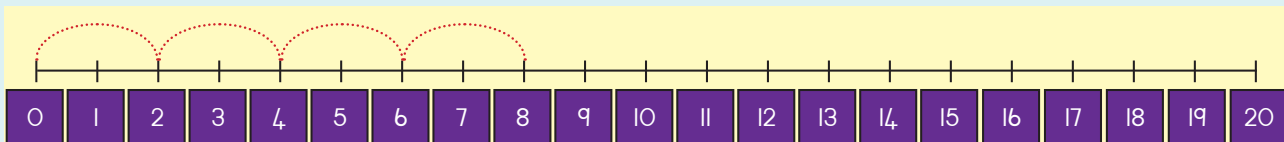
Khalarani maṭo
a zwimange.



Sumbedzani nga zwivhaleli.

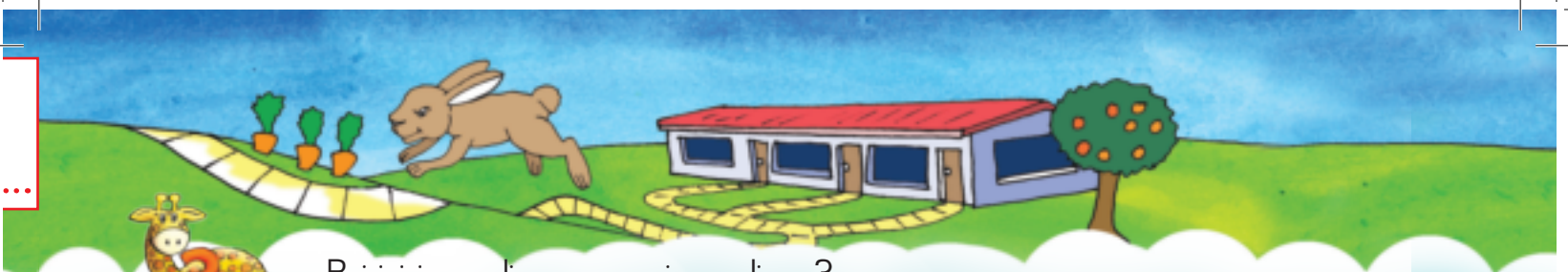


Sumbedzani kha mutalombalo.



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

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



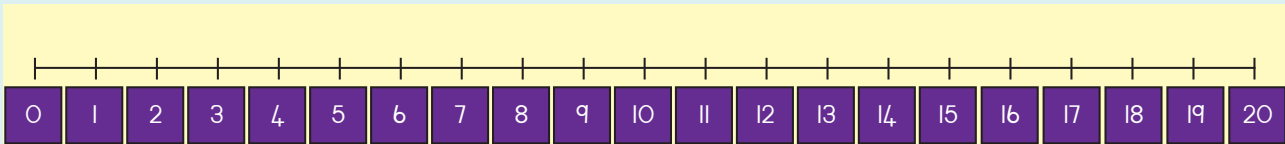
Baisigiri ya malinga mararu i na malinga 3.
Ndi malinga mangana ane baisigiri dza malinga mararu 5 dza vha nao?



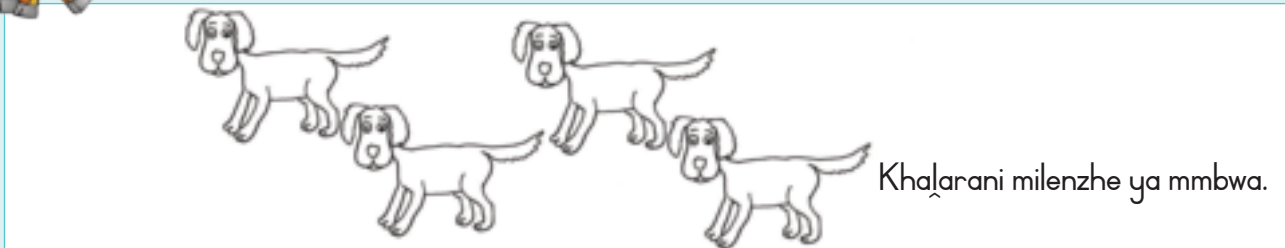
Khalarani baisigiri ya malinga mararu.

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.


 + =
 × =

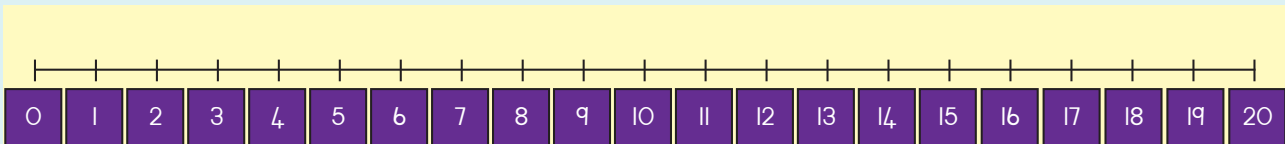

Mmbwa i na milenzhe 4. Ndi milenzhe mingana i ne mmbwa 4 dza vha nayo?



Khalarani milenzhe ya mmbwa.

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.


 + =
 × =


Teacher:

Sign:

Date:



Ambani nga watshi.

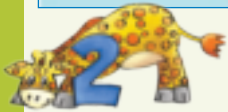
Awara/Iri

Deithi:



Luṅanga lupfufhi lu ri sumbedza awara.
Apha lu khou ri sumbedza awara dza 7.

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 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 luṅanga 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 yoṅhe u tshi tshi ita? Khaḷarani phindulo i re yone.



U ita tshuṅwahaya



U eḍela



U ṅamba maṅo



Teacher:

Sign:

Date:



Deithi:

Phetheni dza nomboro: Nga ṭhanu

Kha ni vhale nga ṭhanu.

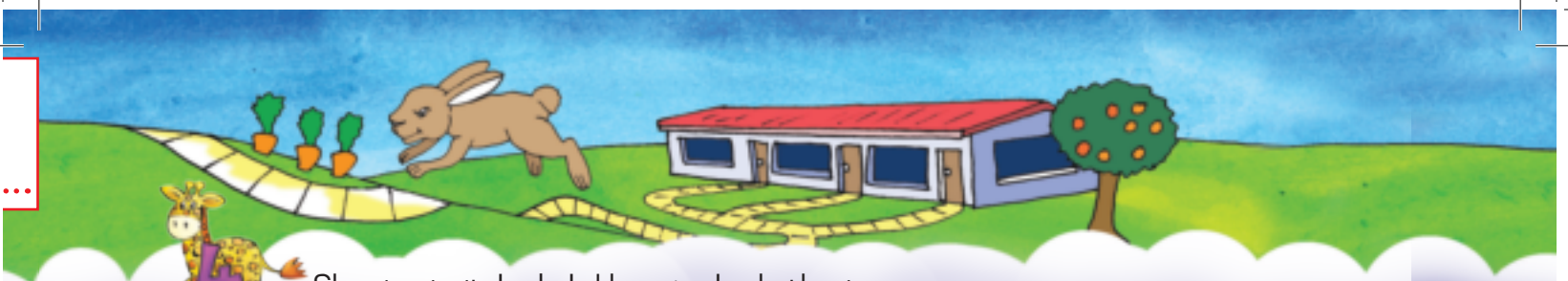



Olani kana ni nambatedze zwithu zwi daho nga zwiṭanu.

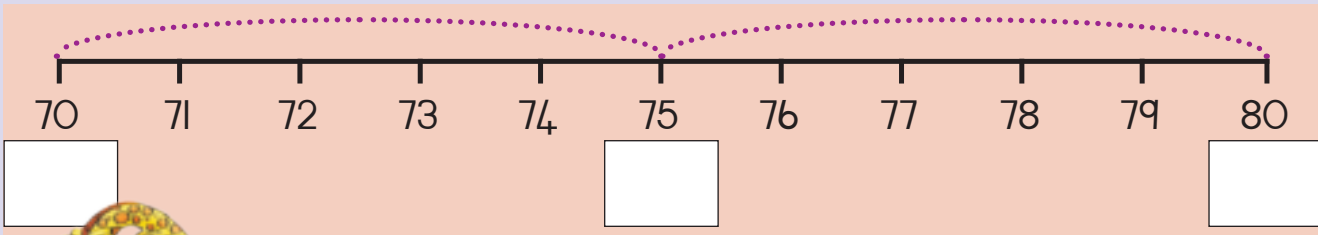
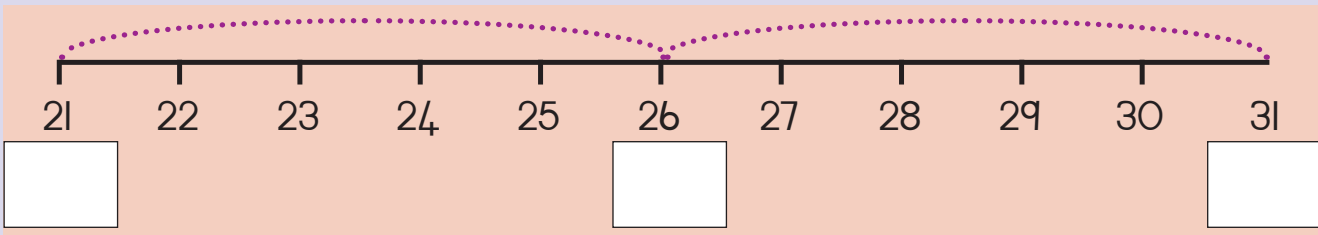
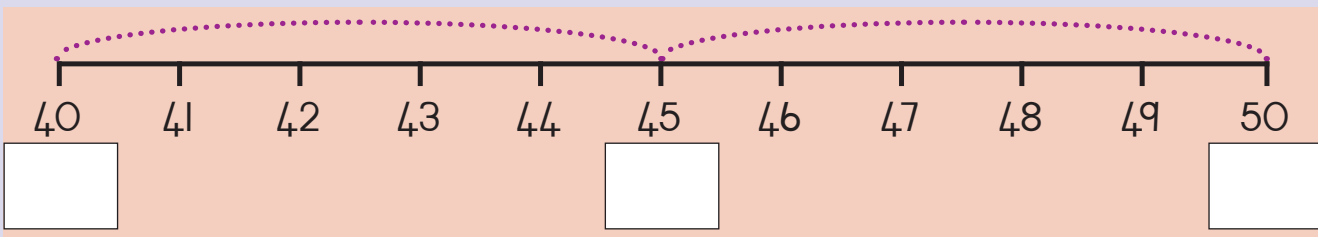
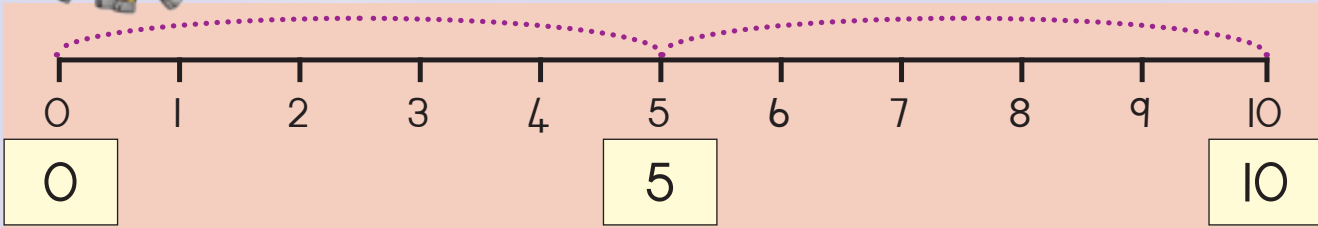


Ro ni thomela phetheni. I fhedziseni.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| 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 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:

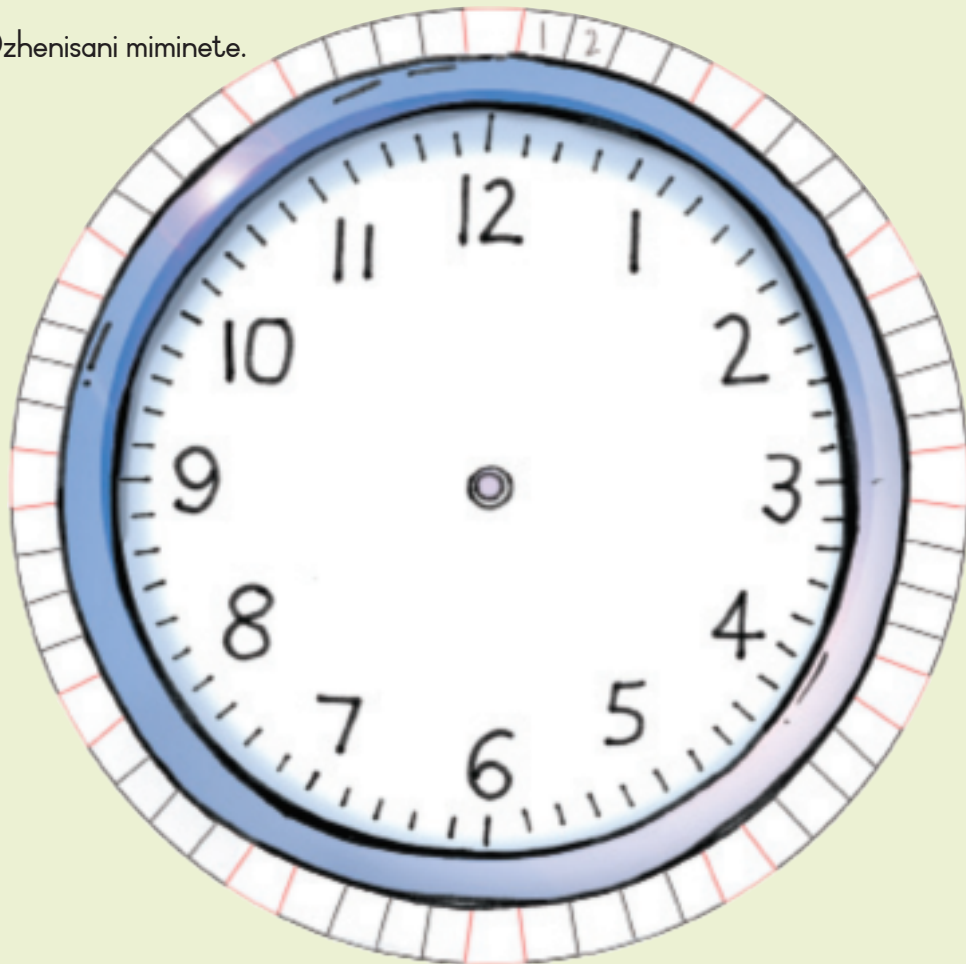


Miminete

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



Dzhenisani miminete.



Ñwalani nomboro kha zwickwea zwitswuku haf'ha.

□ □ □ □ □ □ □ □ □ □ □ □



Olani zwithu zwine na nga ita nga ...

Ni nga wana thuso ya muthu muhulwane hafha.



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.



U fhufha



U tamba



U la



Teacher:

Sign:

Date:

Deithi:



U vhea nga zwigwada na u kovhana

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



Ndi zwiḅuḅoko zwingana zwi re kha tshitengeledzi tshinwe na tshinwe? Nwalani tḅhanganyelo i re kha tshitengeledzi tsha lutombo.

× =

× =

× =



Kovhani zwiḅuḅoko kha zwiḅuḅoko nga ndila i no lingana.

mukovhelo =

mukovhelo =



Olani zwi tevhelaho. Nwalani t̄hanganyelo ya tshinwe na tshinwe.

Zwigwada 3 zwa 2

+ Mbalo ya u t̄anganyisa:

× Mbalo ya u andisa:

Zwigwada 2 zwa 14

+ Mbalo ya u t̄anganyisa:

× Mbalo ya u andisa:

Kovhani zwivhaleli zwa 12 nga 4

— Mbalo ya u t̄usa:

÷ Mbalo ya mukovhelo (mukovho):

Kovhani zwivhaleli zwa 36 nga 3

— Mbalo ya u t̄usa:

÷ 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:


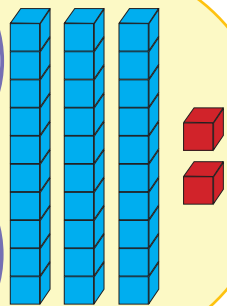
Date:


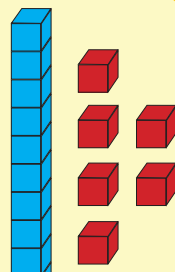
Deithi:


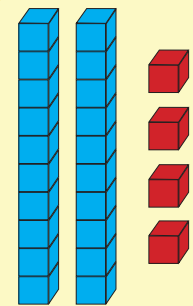
U vhea nga zwigwada na u kovhekana haf hu

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

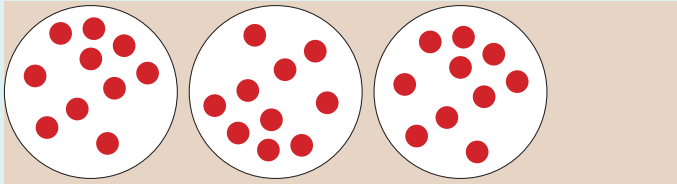



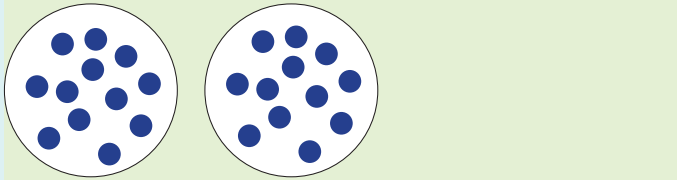



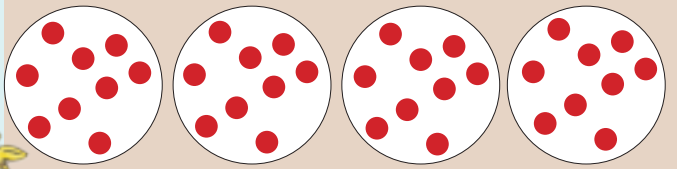
Ndi zwi vhaleli zwingana zwi re kha tshitendeledzi tshinwe na tshinwe? Nwalani tshanganyelo kha tshitendeledzi tsha lutombo.



× =



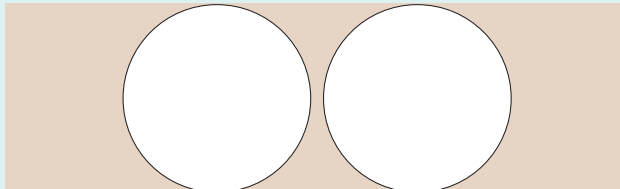
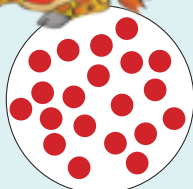
× =



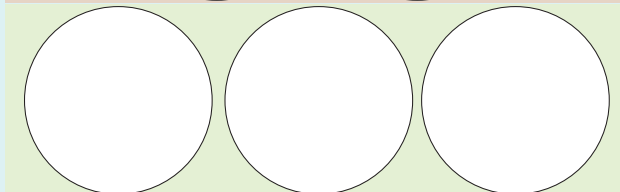
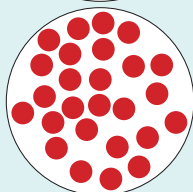
× =



Kovhani zwi vhaleli kha zwi tendeledzi.



mukovhelo =



mukovhelo =



Olani zwi tevhelaho. Nwalani t̄hanganyelo ya tshinwe na tshinwe.

Zwigwada 3 zwa 12



Mbalo ya u t̄anganyisa:



Mbalo ya u andisa:

Zwigwada 5 zwa 10



Mbalo ya u t̄anganyisa:



Mbalo ya u andisa:

Kovhani zwivhaleli zwa 24 nga 4



Mbalo ya u t̄usa:



Mbalo ya mukovhelo (mukovho):

Kovhani zwivhaleli zwa 25 nga 5



Mbalo ya u t̄usa:



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:


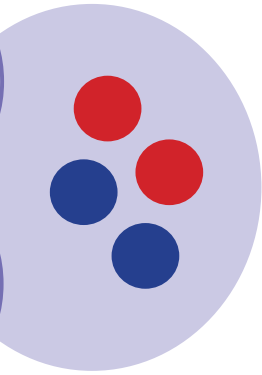

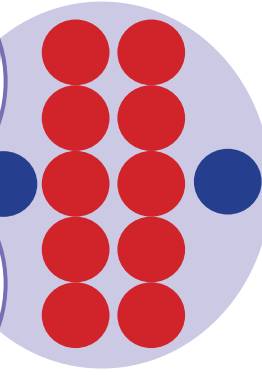

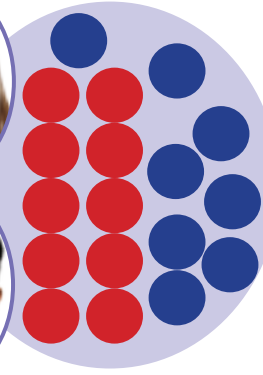

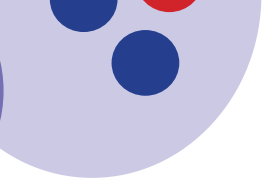

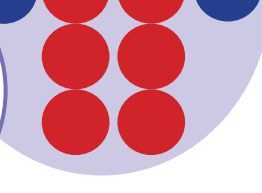

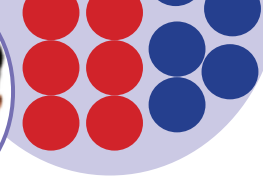
Date:

Deithi:

U vhea nga zwigwada na u kovhekana hafhuhafhu

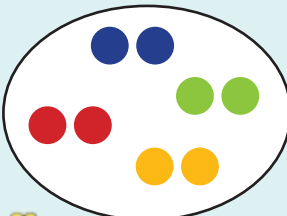
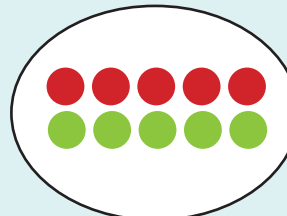
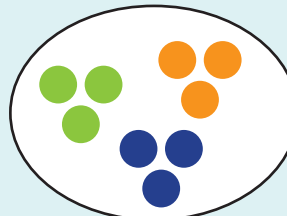
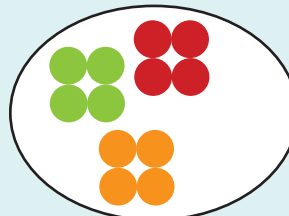
Hu na zwiḅuḅoko zwingana tshitendeledzeni tshinwe na tshinwe? Zwi kovhelani vhana nga ndila i no lingana.



| | | | | | |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
|  |  |  |  |  |  |







Ndi zwiḅaleli zwingana zwi re kha tshitengeledzi tshinwe na tshinwe?

| | | | |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|

| | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|--------------------------|--------------------------|--------------------------|



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

| | | | |
|-------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|--------------------------|
|  | <input type="checkbox"/> |  | <input type="checkbox"/> |
|  | <input type="checkbox"/> |  | <input type="checkbox"/> |



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

tthiraiengele

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:

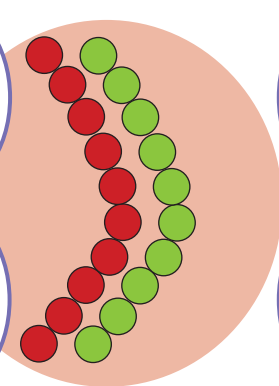
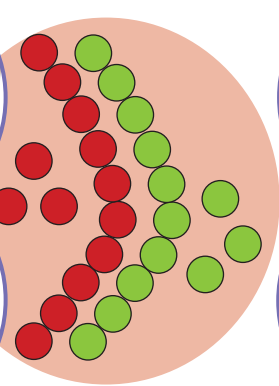


Date:



U vhea nga zwigwada na u kovhana

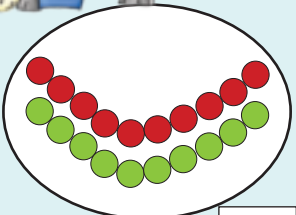
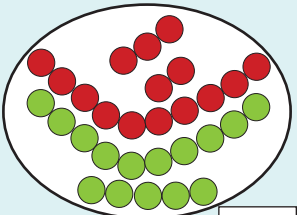
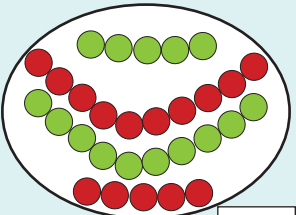
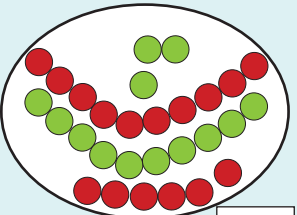
Ndi vhulungu vhungana he na vhala kha tshitendeledzi tshinwe na tshinwe. Vhu kovheni kha vhana.



| | | | | | |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
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|  |  |  |  |  |  |



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

| | | | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |



Gerani vhulungu u bva kha Tshigenwa 4 (Khethekanyo ya Bammbiri la u shumela la 61) ni vhu nambatedze hafha. Vhalani malungu.

| | |
|------------------------------------------------|-------------------------------------------------|
| Vhulungu vhutswuku <input type="text"/> | Vhulungu ha lutombo <input type="text"/> |
| Vhulungu ha ṭada <input type="text"/> | Vhulungu vhudala <input type="text"/> |



Olani tshivhalo tsha vhulungu tshilinganaho riwana muṁwe na muṁwe.



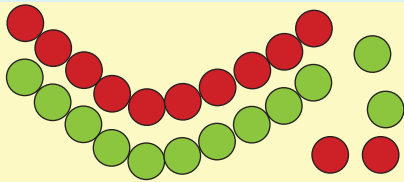








Kovhelani vhana vhulungu. Vhu oleni.















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



Teacher:

Sign:

Date:



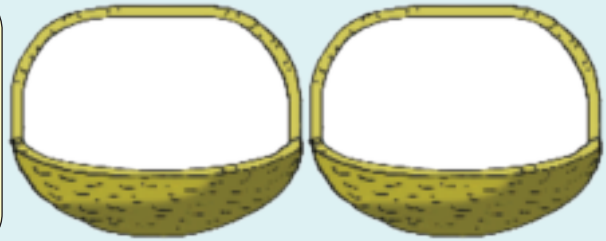
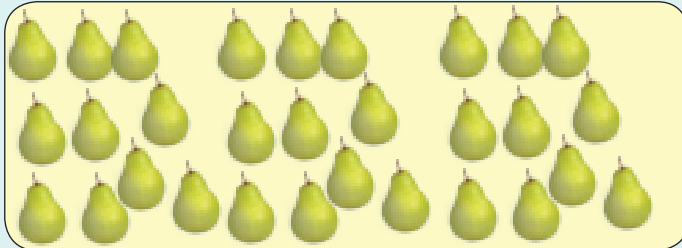
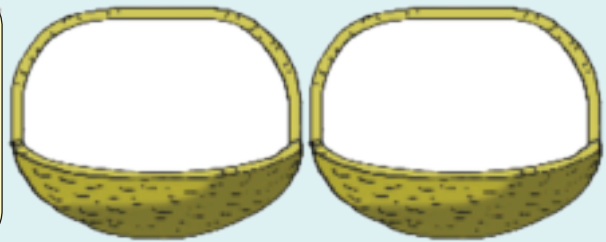
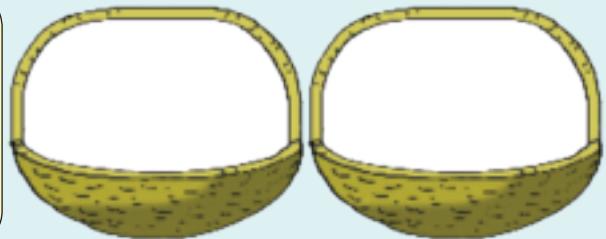
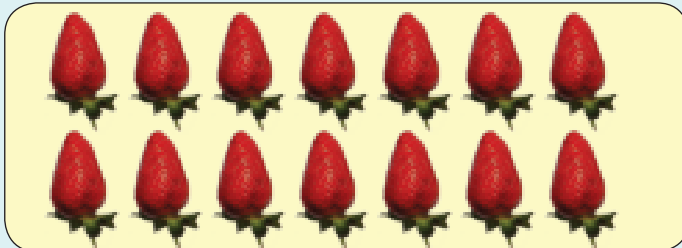
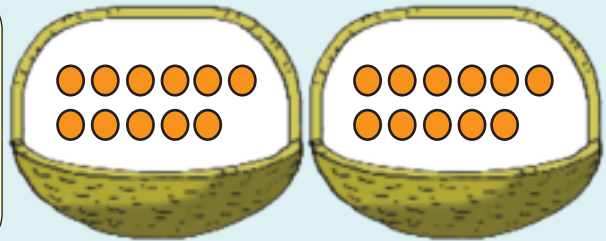
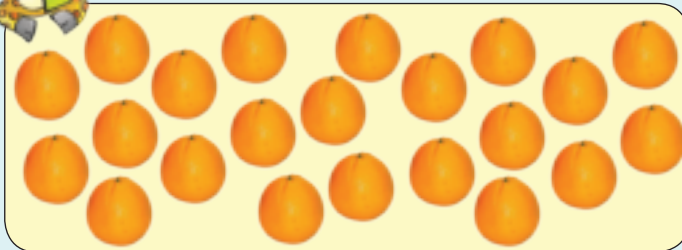
Deithi:

Dzihafu: 1 – 20

Ho itea mini kha maapula?

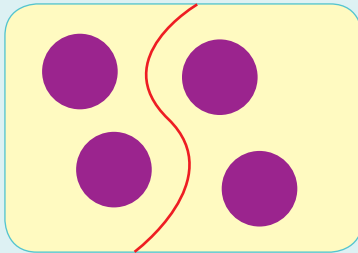


Kovhani mitshelo i re kha tsha monde kha manngi i re kha tsha uḽa. I oleni.

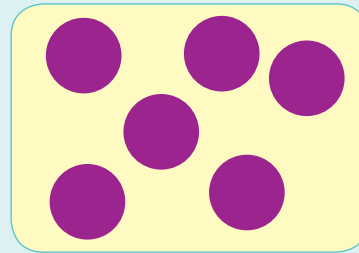




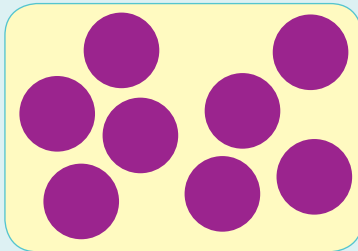
Olani mutalo ni tshi sumbedza hafu.



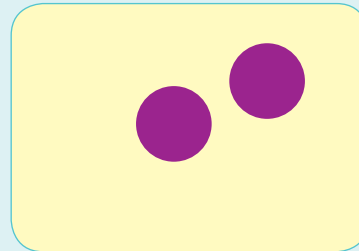
Hafu ya 4 ndi



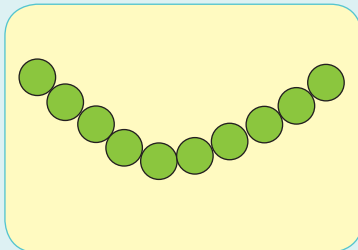
Hafu ya 6 ndi



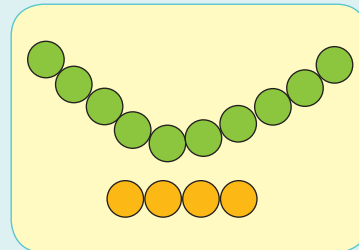
Hafu ya 8 ndi



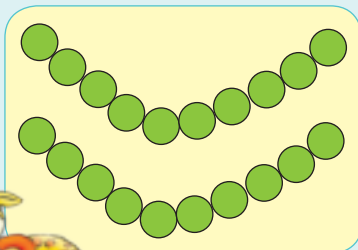
Hafu ya 2 ndi



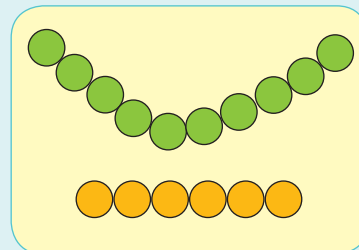
Hafu ya 10 ndi



Hafu ya 14 ndi



Hafu ya 20 ndi



Hafu ya 16 ndi



Hafu ya phuleithi inwe na inwe ya zwiliwa ndi mini?

| | | | | | | | |
|----------------------|--|----------------------|--|----------------------|--|----------------------|--|
| <input type="text"/> | | <input type="text"/> | | <input type="text"/> | | <input type="text"/> | |
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Teacher:
Sign:
Date:

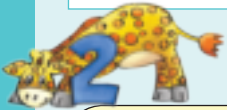
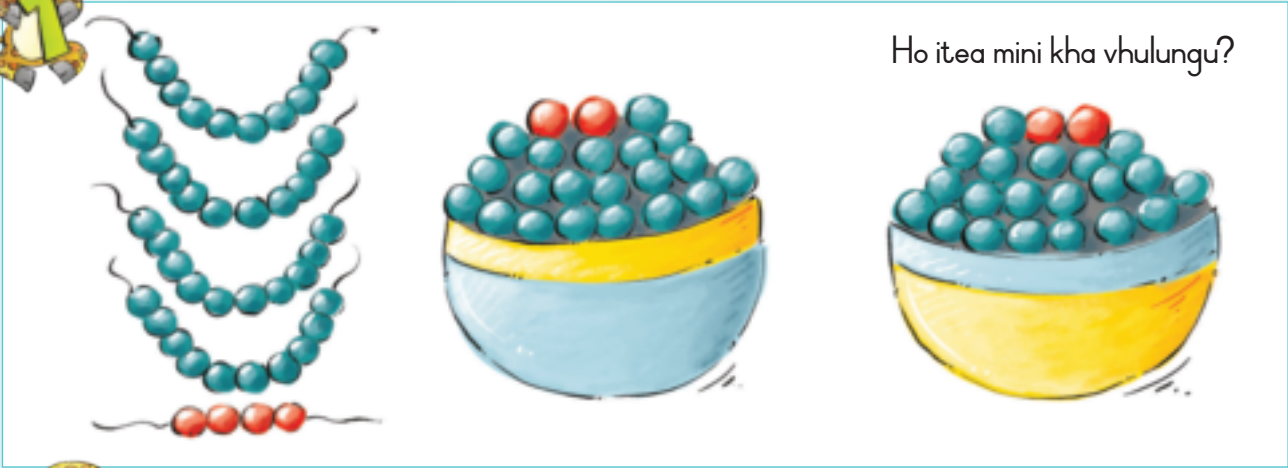
63

Themo ya 2

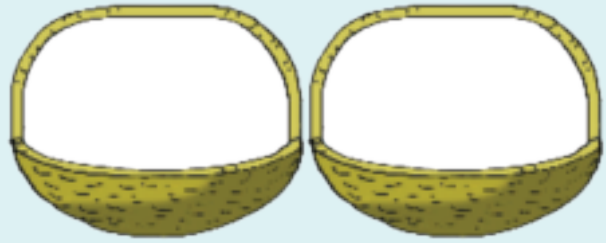
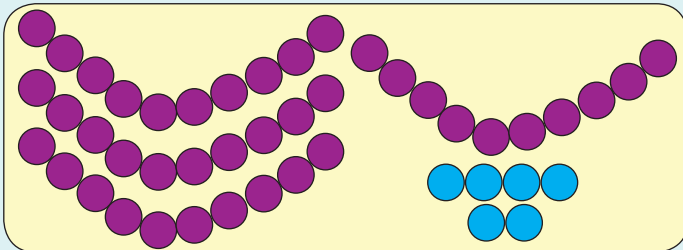
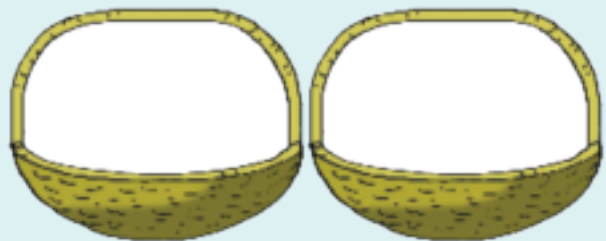
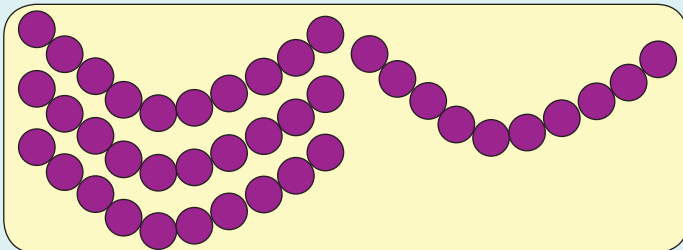
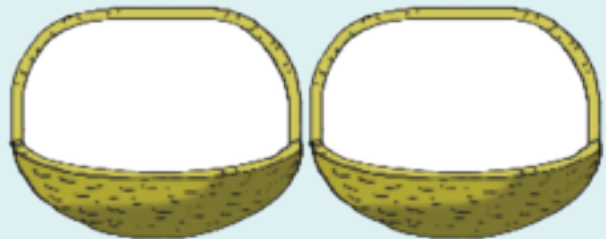
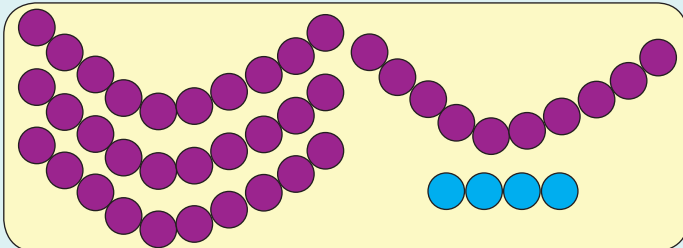
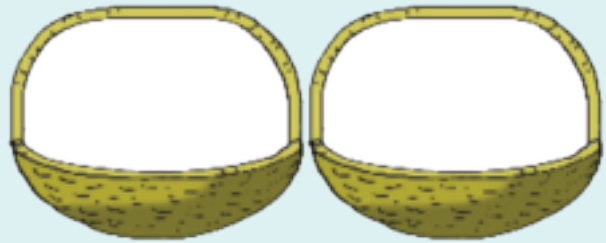
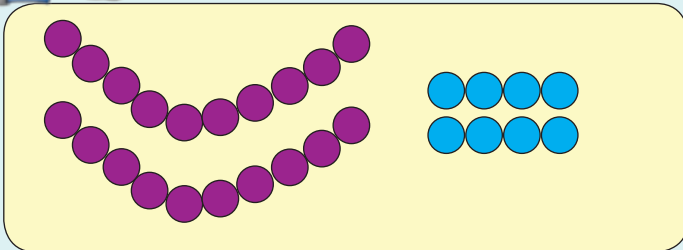


Deithi:

U kovhana 20 – 50

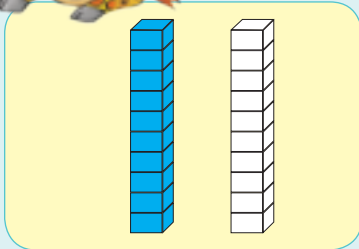


Kovhani vhulungu vhu re kha tsha monde kha mangi i re kha tsha uḽa. Vhu oleni.

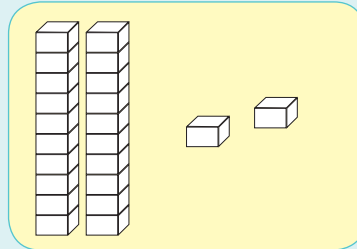




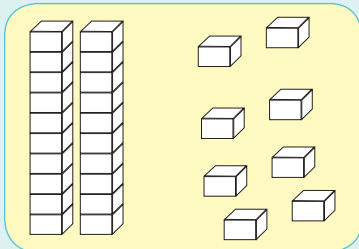
Itani hafu nthihi nga muvhala muwewho.



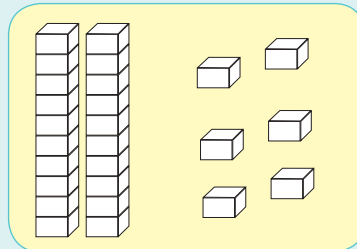
Hafu ya 20 ndi



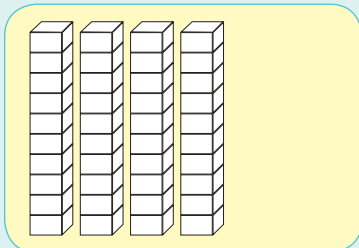
Hafu ya 22 ndi



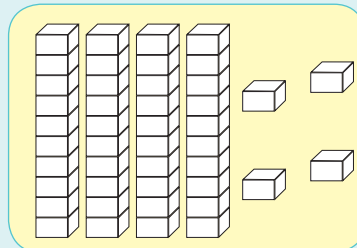
Hafu ya 28 ndi



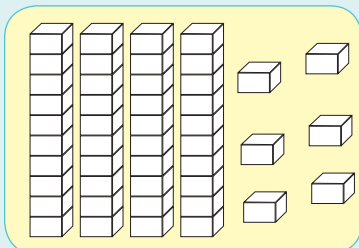
Hafu ya 26 ndi



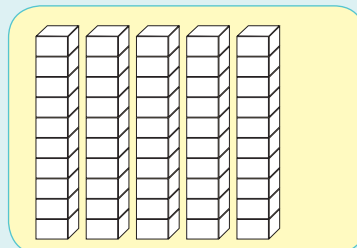
Hafu ya 40 ndi



Hafu ya 44 ndi



Hafu ya 46 ndi



Hafu ya 50 ndi



Khalarani hafu ya daigireme inwe na inwe.

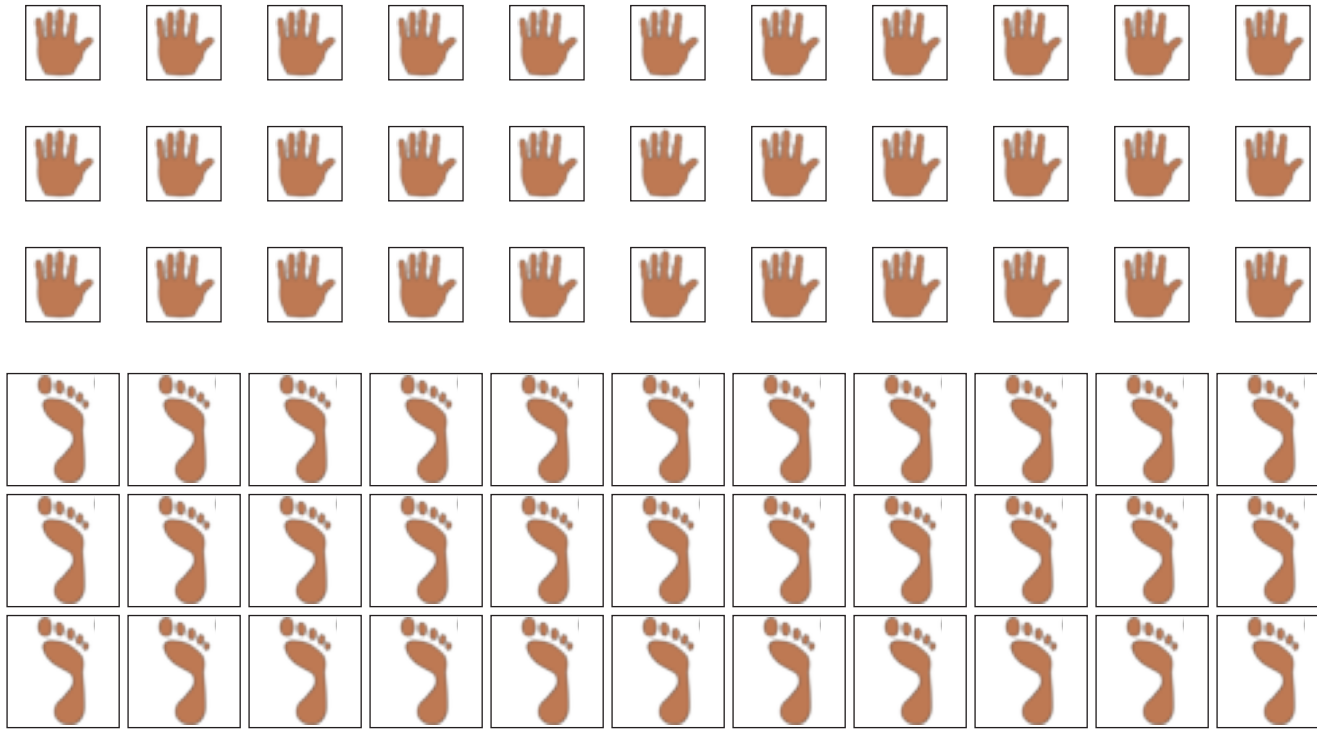
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
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Teacher: _____
 Sign: _____
 Date: _____

Tshigeriwa I

Mabambiri a u shemela a 10 na 40



Bambiri ̣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

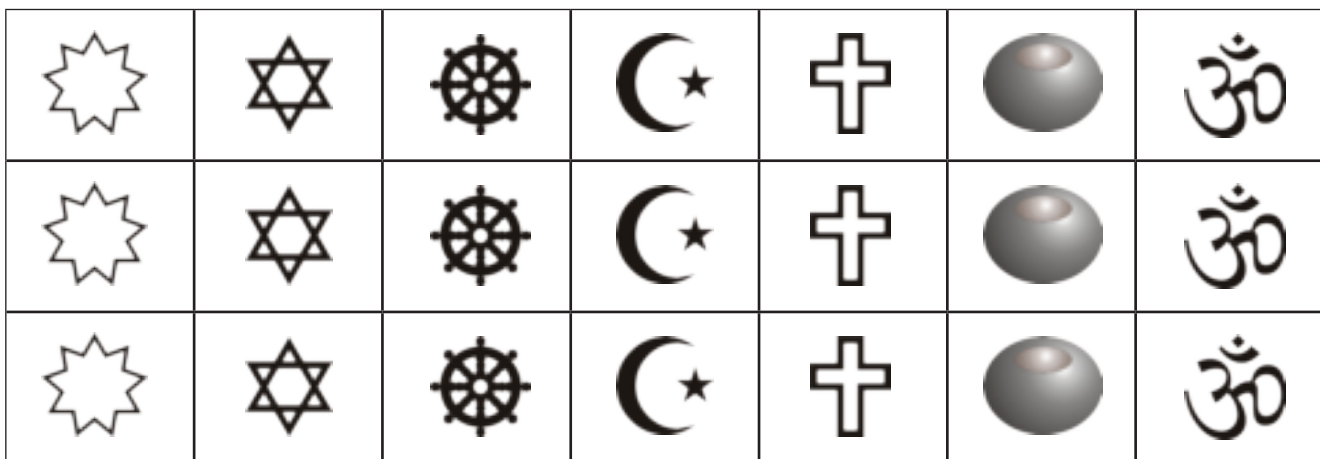
Duvha la Vhaswa

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

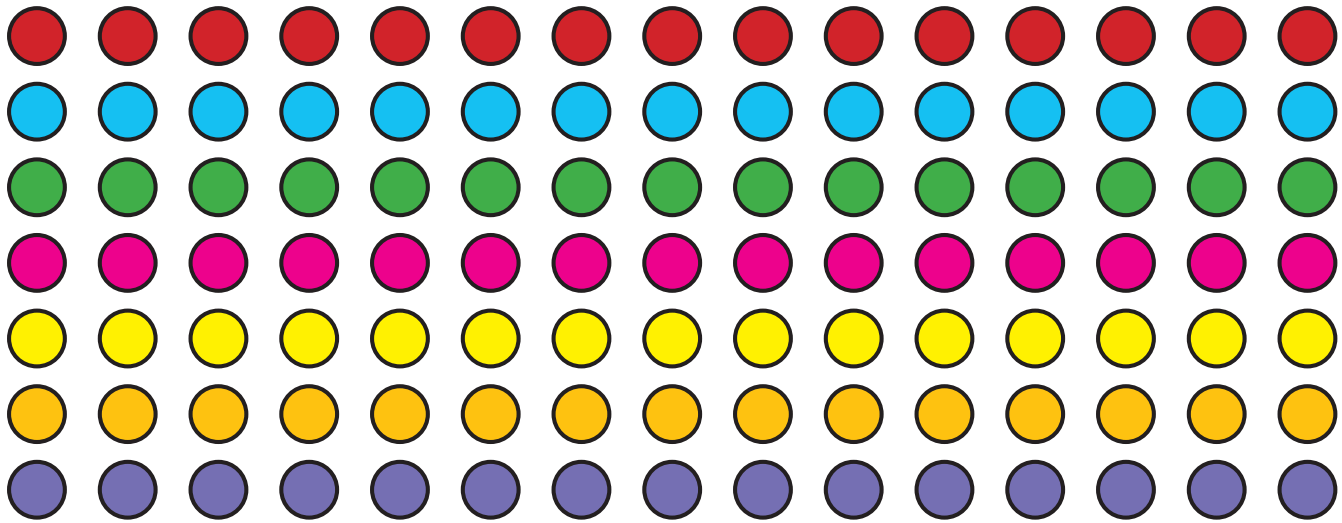
Worksheets 25 and 26



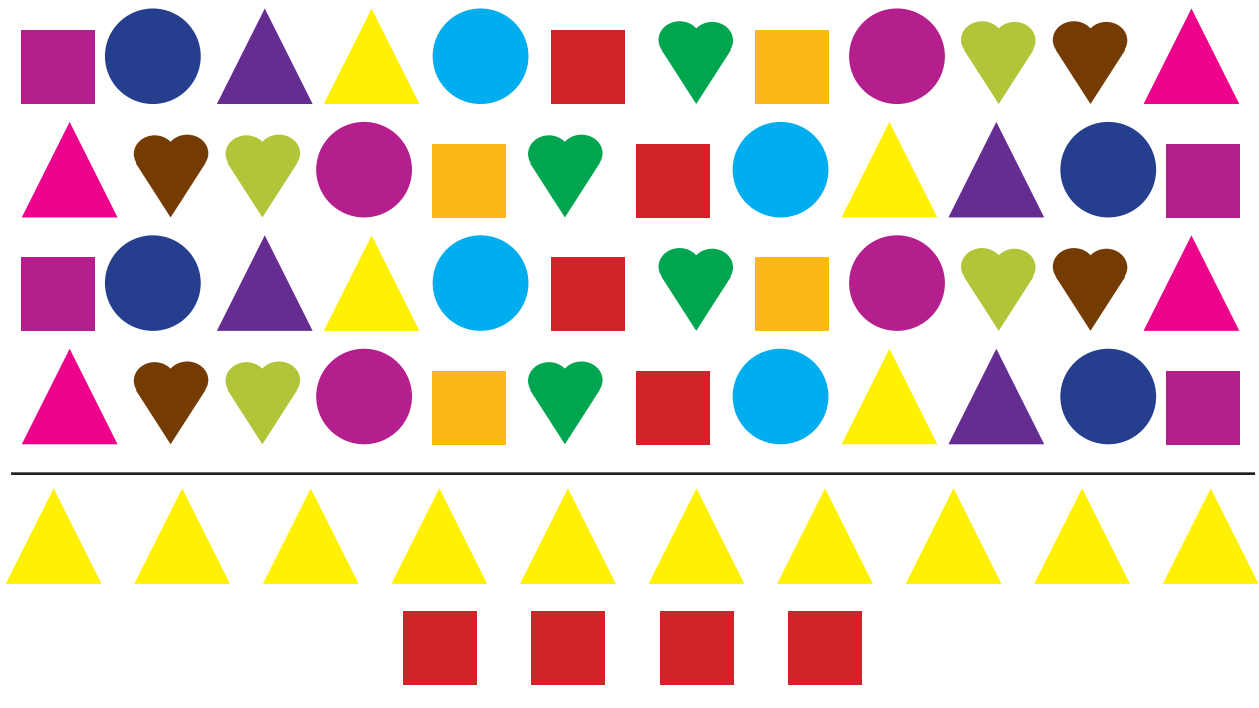
| | | | | |
|------|------|------|------|------|
| R50 | R50 | R50 | R50 | R50 |
| R10 | R10 | R10 | R10 | R10 |
| R20 | R20 | R20 | R20 | R20 |
| R100 | R100 | R100 | R100 | R100 |
| R50 | R50 | R50 | R50 | R50 |
| R10 | R10 | R10 | R10 | R10 |
| R20 | R20 | R20 | R20 | R20 |
| R100 | R100 | R100 | R100 | R100 |

Cut-out 4

Worksheet 27



Worksheet 60



Worksheet 61

