Vho Angie Mutshekga Minista wa Muhasho wa Pfunzo ya Muteo

Vho Enver Surty
Muthusaminista wa Pfunzo ya Muteo

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

Bugu dza u shumela dza Rainbow ndi tshipiḓa tsha zwe Muhasho wa Pfunzo ya Muteo wa ita zwa u khwiṋisa vhukoni ha vhagudi vha Afrika Tshipembe vha giredi dza rathi dza u ranga. Sa tshiṅwe tsha zwithu zwihulwane zwa Pulanetshumisi (Action Plan) ya Muvhuso, thandela iyi yo konadzea nge ya lambedzwa lu sa vhudziswi nga Muhasho wa Gwama ḽa Lushaka (Thirezhari). Hezwi zwo ita uri Muhasho u kone u bveledza bugu idzi, dzi kha nyambo dzoṱhe dza tshiofisi, dzi tshi waniwa mahala.

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

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

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

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Rainbow WORKBOOKS

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

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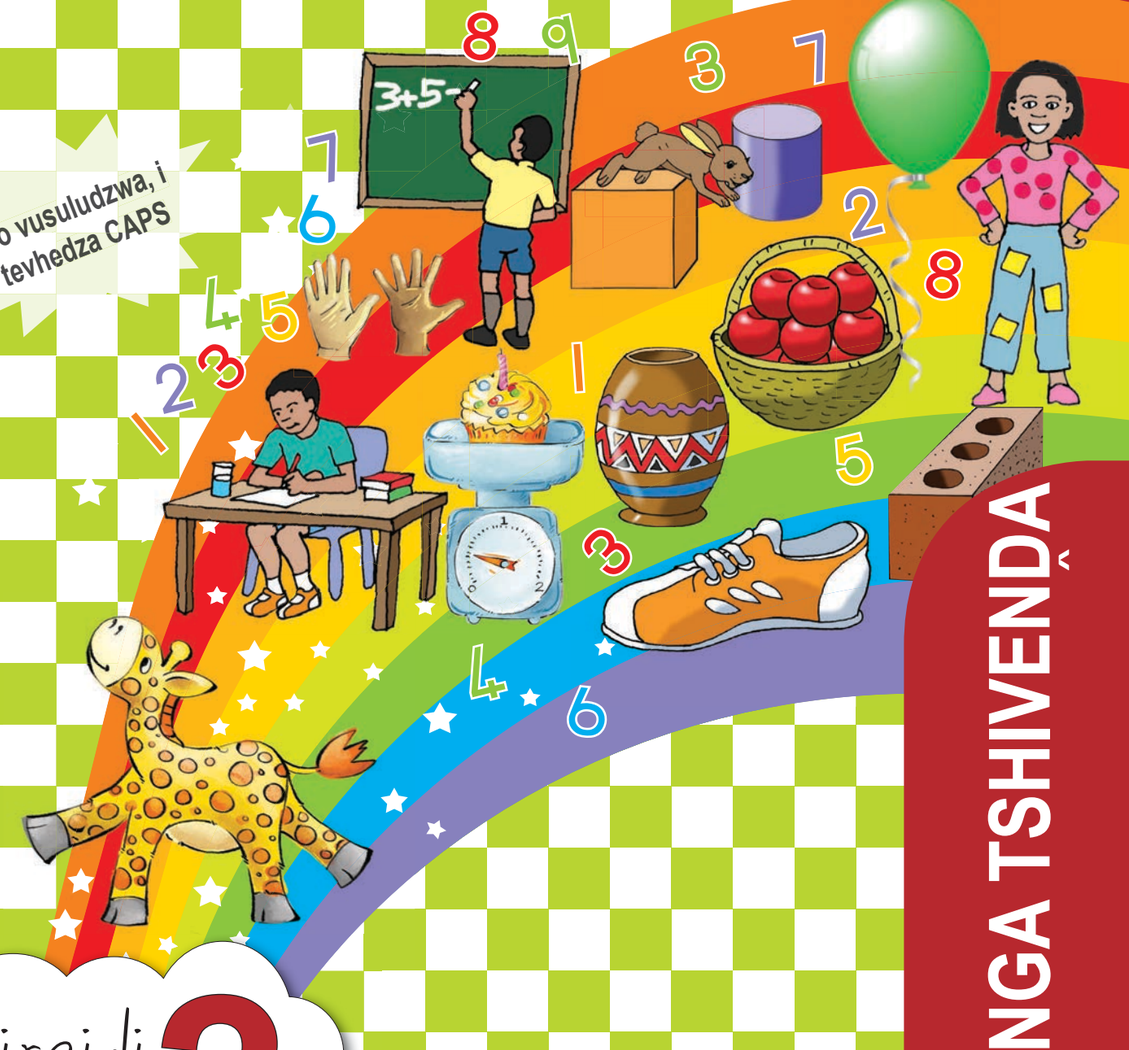

Gireidi ya 2

Dzina:

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REPUBLIC OF SOUTH AFRICA

ḒIVHAMBALO NGA TSHIVENḒA

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Themo 1 & 2

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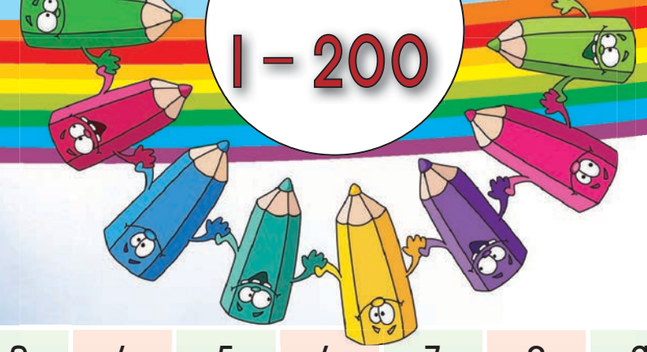

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21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

Gireidi ya 2

Rainbow WORKBOOKS

Mbalo

NGA TSHIVENḐA

Bugu iyi ndi ya:

TSHIVENḐA

Bugu ya 1

I

Deithi:

Nṋe na muṱa wa hashu

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

Dzina ḽanga ndi _____ .

Ndi na miṅwaha ya _____ .

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

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

Ndi dzula ha _____ .

Ndi nnyi muhulwanesa muṱani wa haṉu? _____

Ṅwalani uri vha na miṅwaha mingana. _____

Ndi nnyi muṱukusa muṱani wa haṉu? _____

Ṅwalani uri u na miṅwaha mingana. _____

Deithi ya ṉamusi ndi _____ .

1 2 3 4 5 6 7 8 9 10

Olani tshifanyiso tsha muṱa wa haṋu.

1 2 3 4 5 6 7 8 9

Teacher:
Sign:
Date:

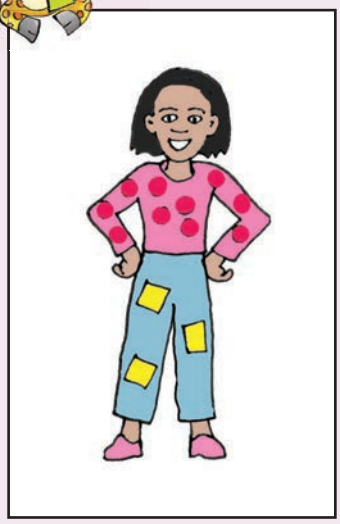
11 12 13 14 15 16 17 18 19 20

2

Deithi:

U vhalela

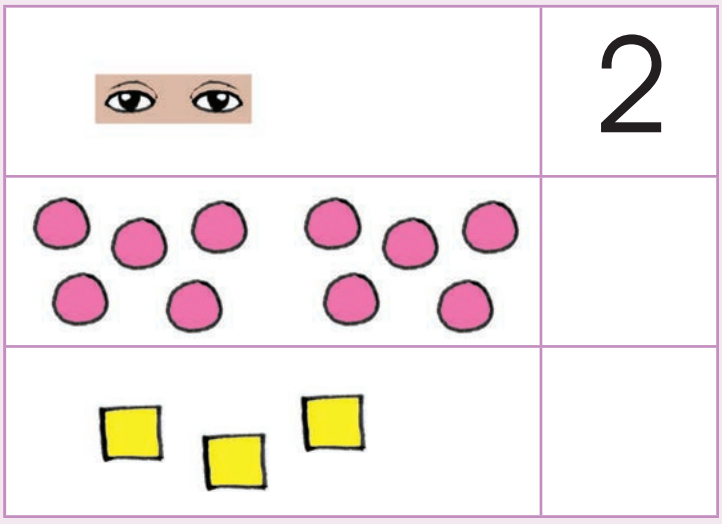
Ḓadzani zwikhala zwi si na tshithu.

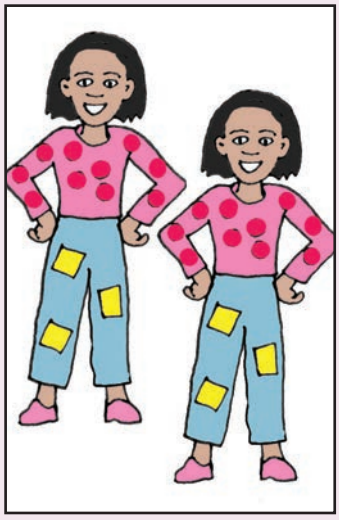


maṱo

zwithoma

zwihaswa





maṱo

zwithoma

zwihaswa

mat̰o

zwithoma

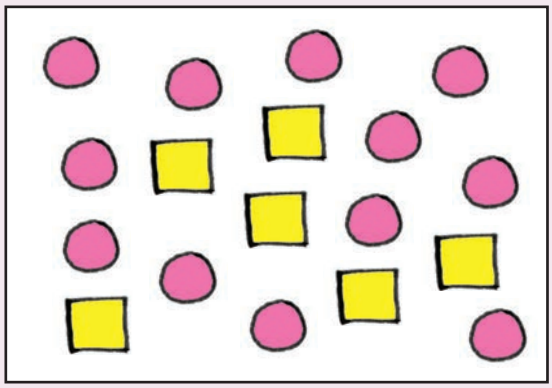
zwihaswa

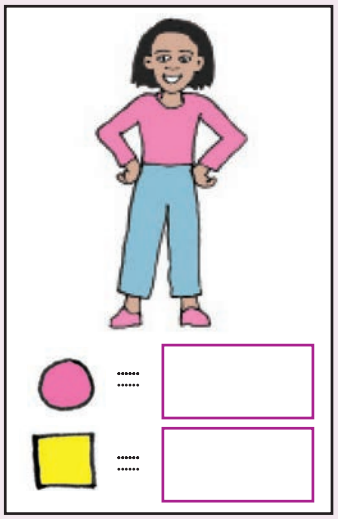
mat̰o

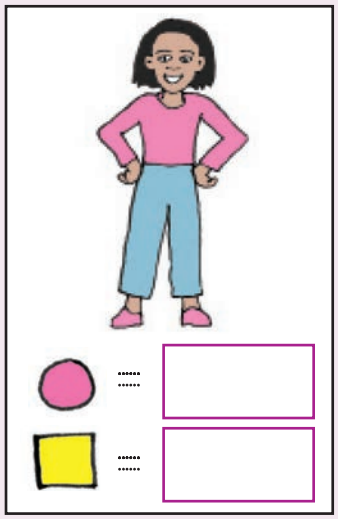
zwithoma

zwihaswa

Kovhani zwithoma na zwihaswa zwi tshi lingana.







Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

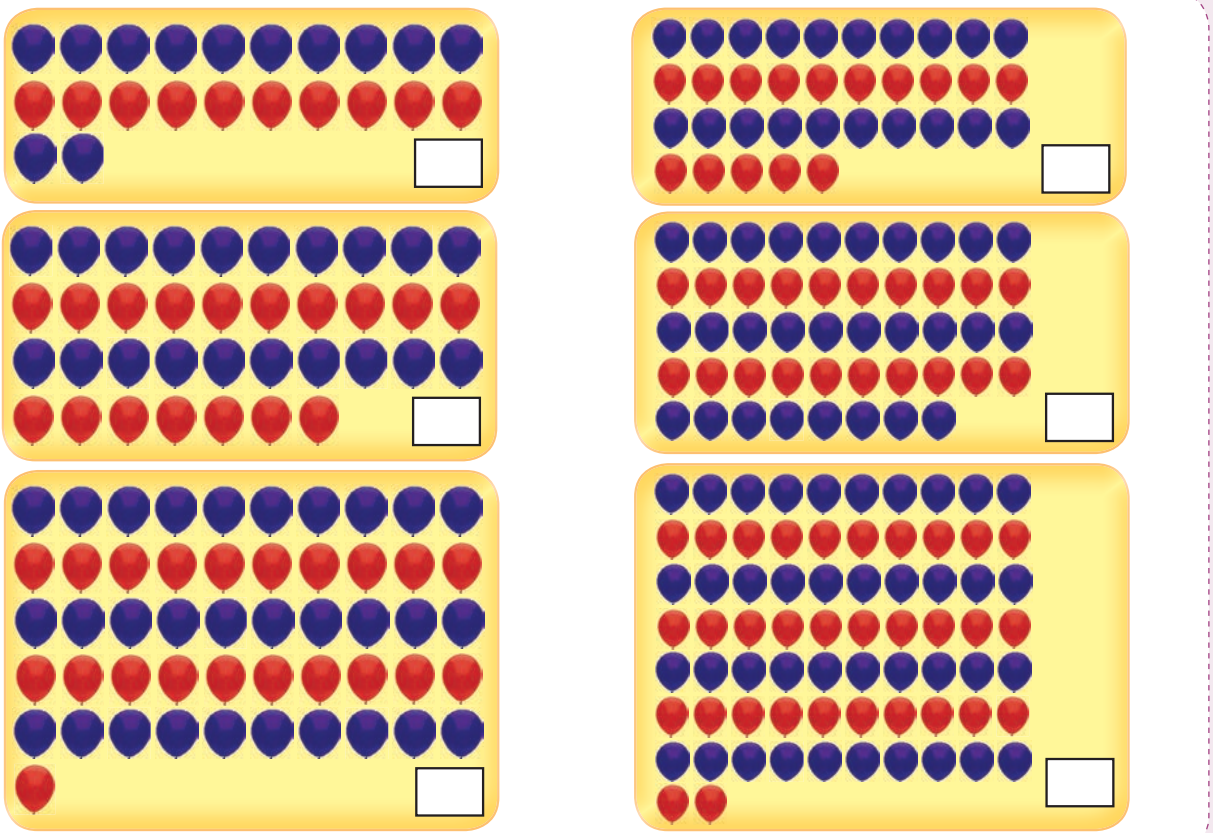
Deithi:

.....

Nomboro

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

Ṅwalani tshivhalo tsha mabaḽoni tshibuḽokoni.



Ṅwalani nomboro dzi tevhelaho nga maipfi.

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

37 38 39 40 41 42 43 44

89 90 91 92 93 94 95 96

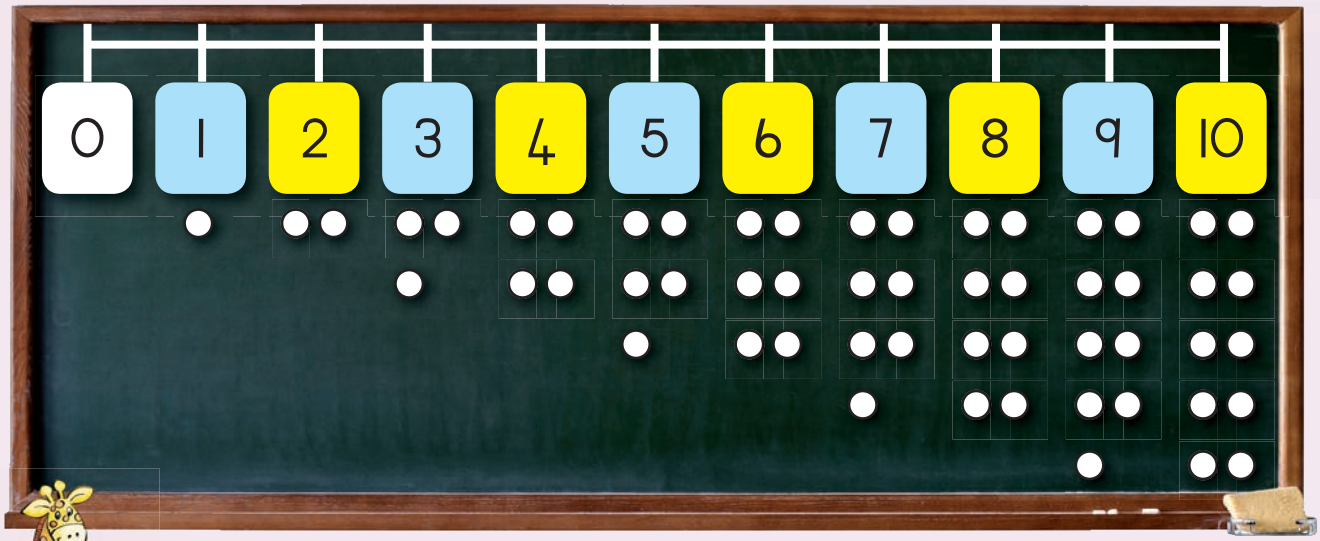
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

4

Deithi:

Nomboro dziṅwe hafhu



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

ivini

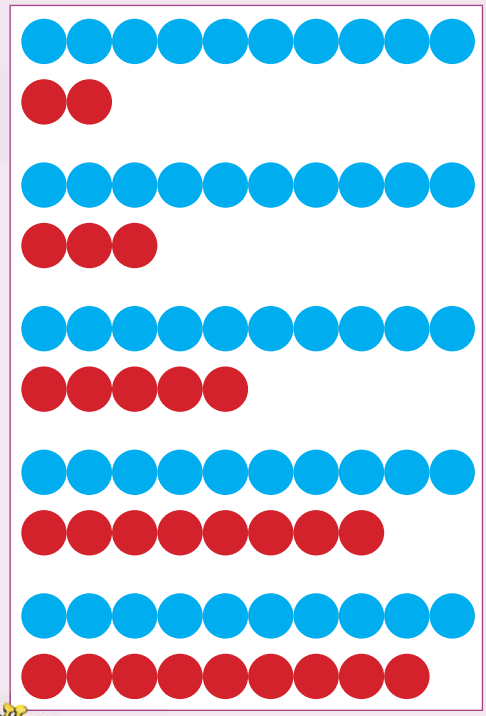
odo

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

Tshivhalo tsha nnḓu.

1 2 3 4 5 6 7 8 9 10

Vhalani mivhala mivhili ya vhulungu.



Ṅwalani nomboro ya:

10 2 = 12

10 3 = ☐

10 5 = ☐

10 8 = ☐

10 9 = ☐

Ri nga i ṅwala sa:

10 + 2 = 12

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ + ☐ = ☐

Phindulo ndi if hio?

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

1 3 5 7 9 11 13 15 17 19

2 4 6 8 10 12 14 16 18 20

Teacher:

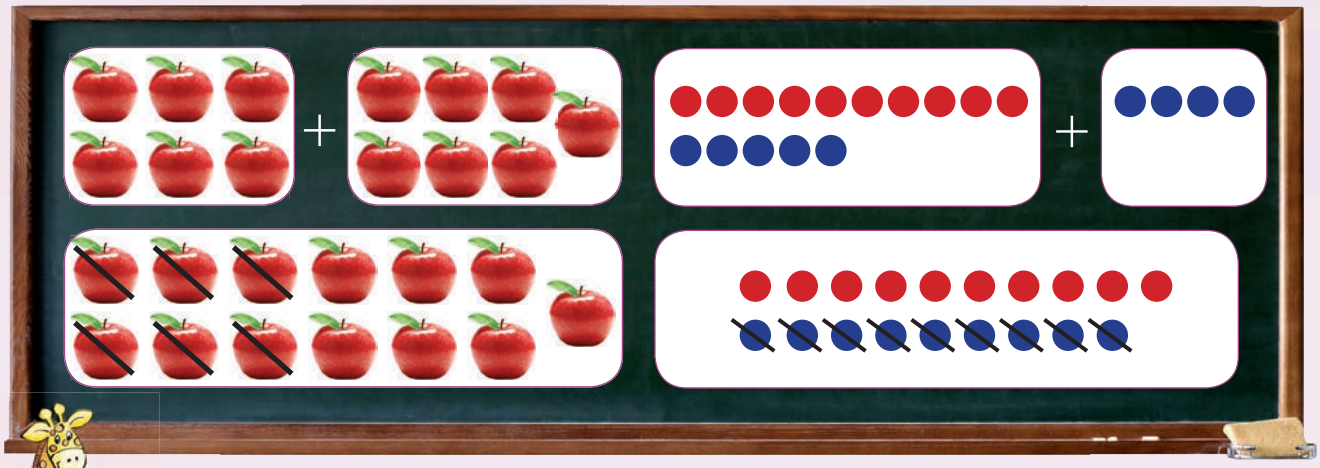
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

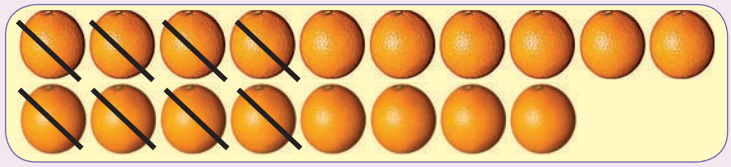
Deithi:

Mụtanganyo na mụtuso



Ṭanganyani ni ṭuse.

9 + 8 = 17



18 − 8 = ☐

☐ + ☐ = ☐

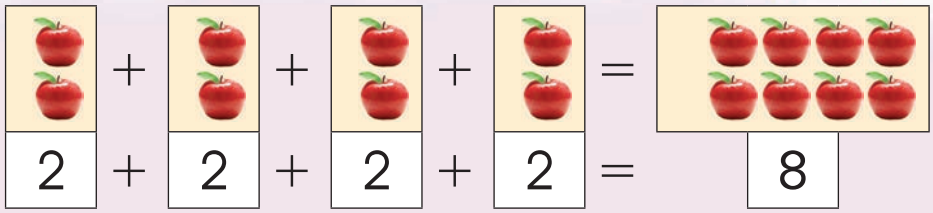
☐ + ☐ = ☐

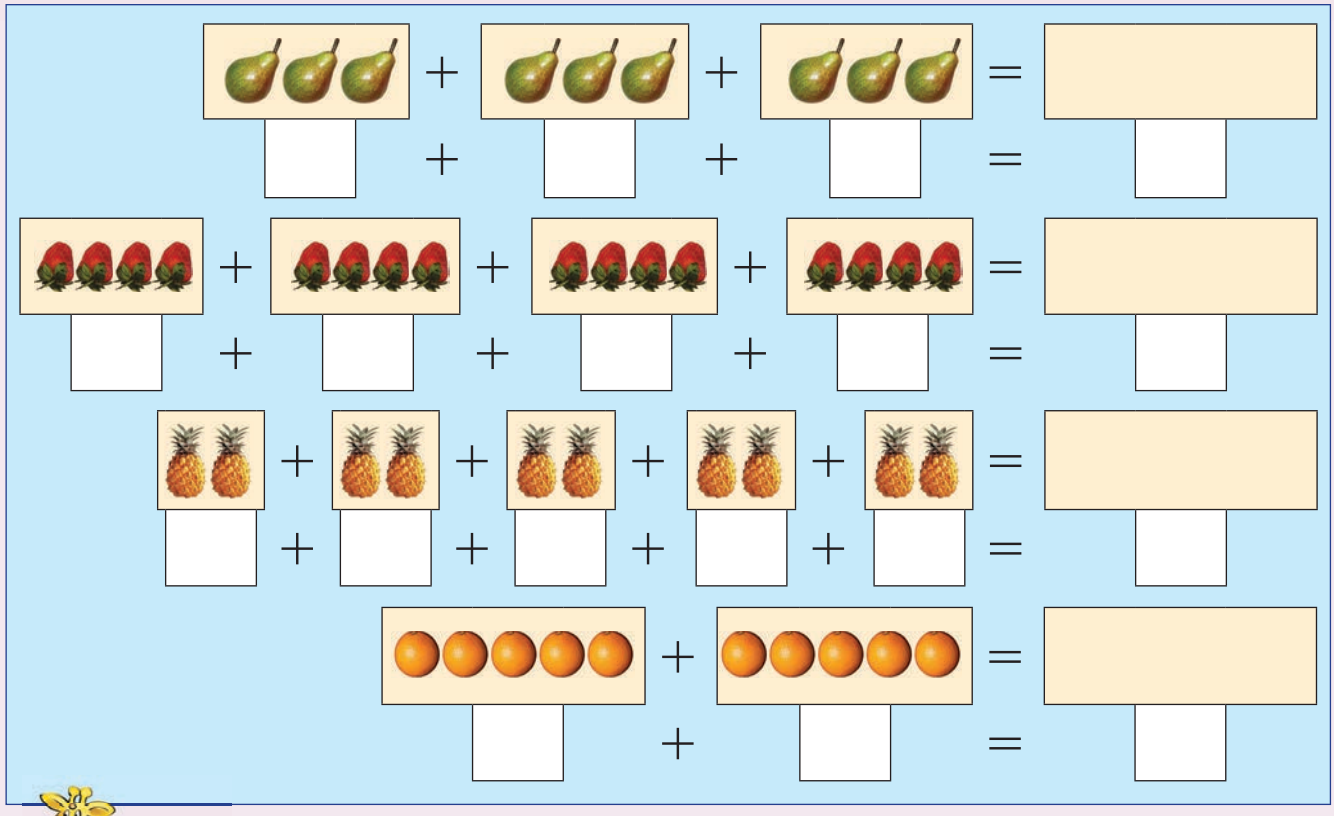
☐ + ☐ = ☐

Rekanyani.

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

Tanganyani.





Rekanyani.

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

2 + 2 + 2 + 2 + 2 + 2

Teacher:
Sign:
Date:

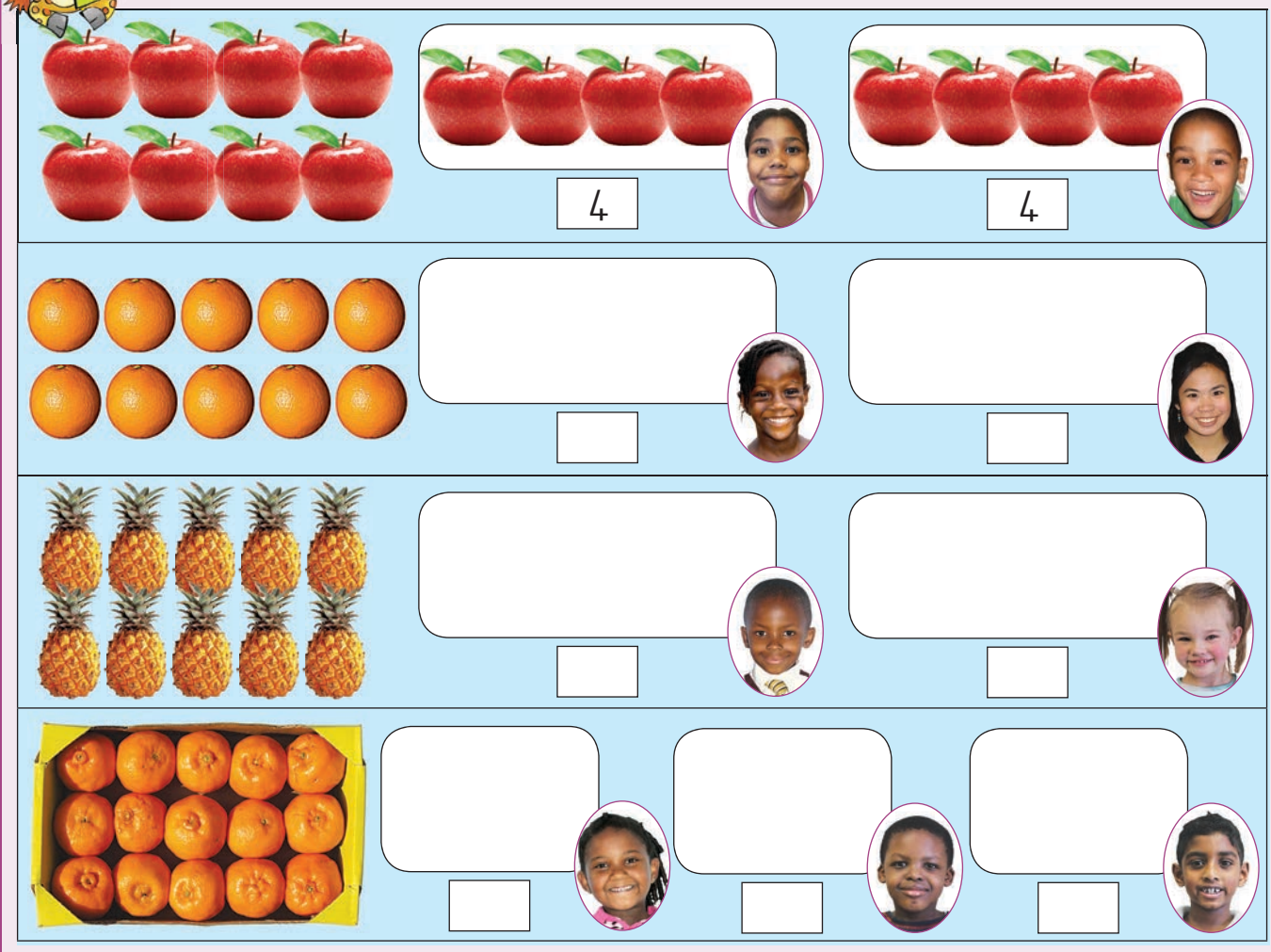
11 12 13 14 15 16 17 18 19 20

6

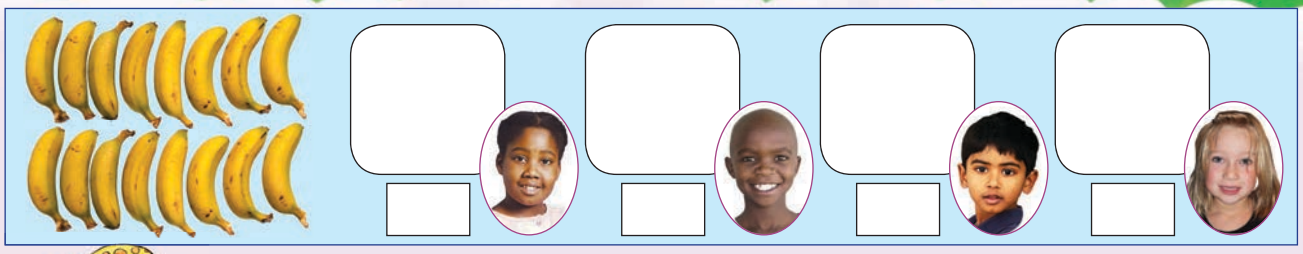
Deithi:

U kovhana tshelede

Kovhanani mitshelo i re afho fhasi.



1 2 3 4 5 6 7 8 9 10



Fhedzisani.

5 senthe

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

= IOc IOc 5c 2c Ic 2c

= 5c 2c 2c Ic 2c 2c

= R2 R2 RI RI RI

= R5 R2 RI R5 RI R2

= R2 R2 R5 R5 R2 RI R5

RI Ic R5 5c RIO

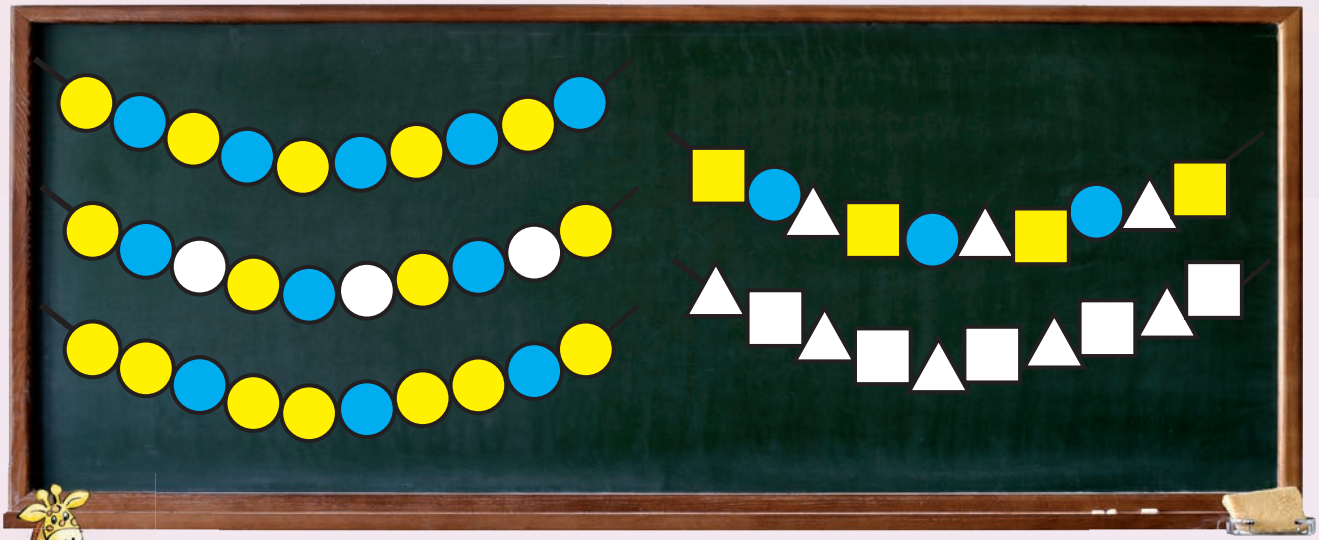
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

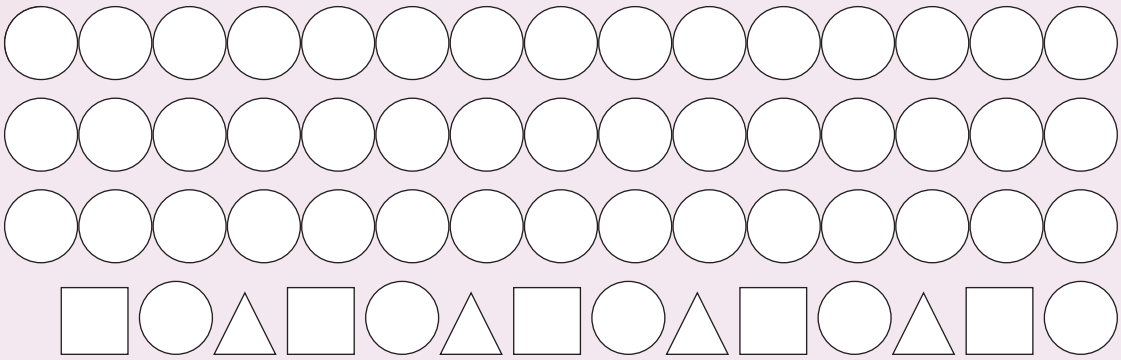
7

Deithi:

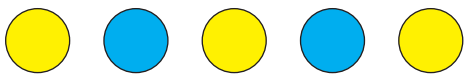
Phetheni

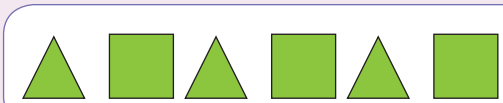


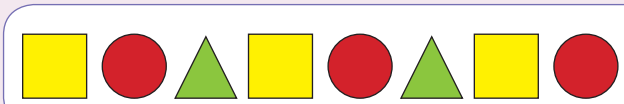
Kopololani phetheni kha zwikhala zwi re afho fhasi dzi tshi bva kha bodo ya tshoko.



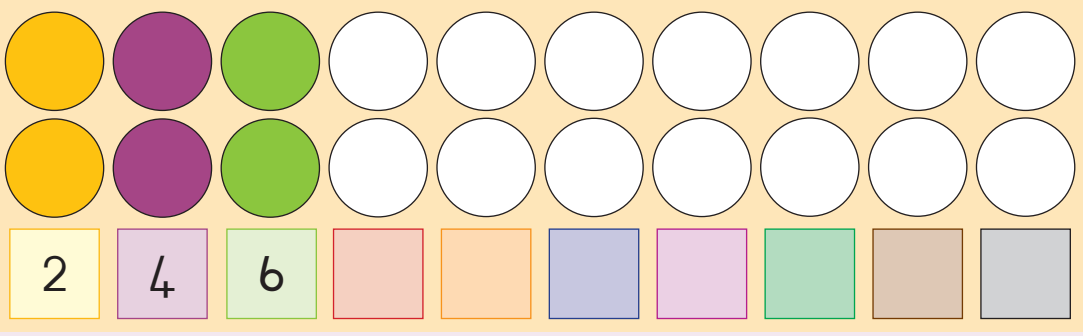
Engedzani phetheni.



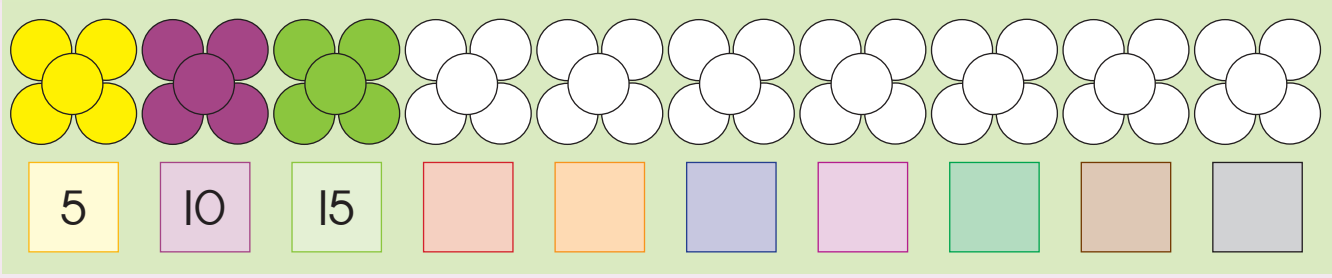




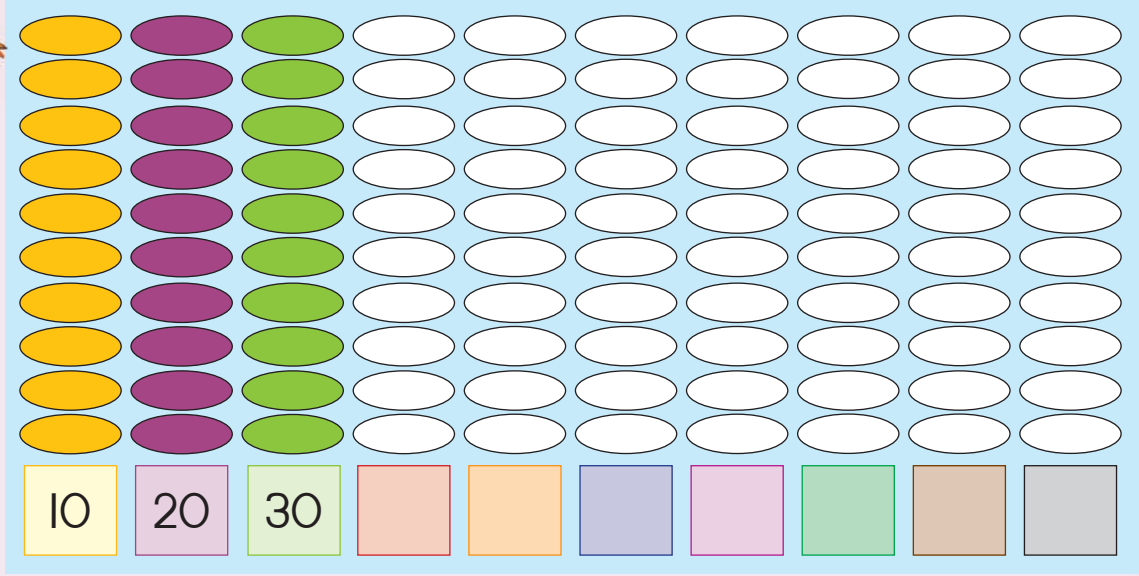
Khaḽarani vhulungu ni tshi khou ralo u vhu vhala nga vhuvhili.



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



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



OLIAOLIAOLIA

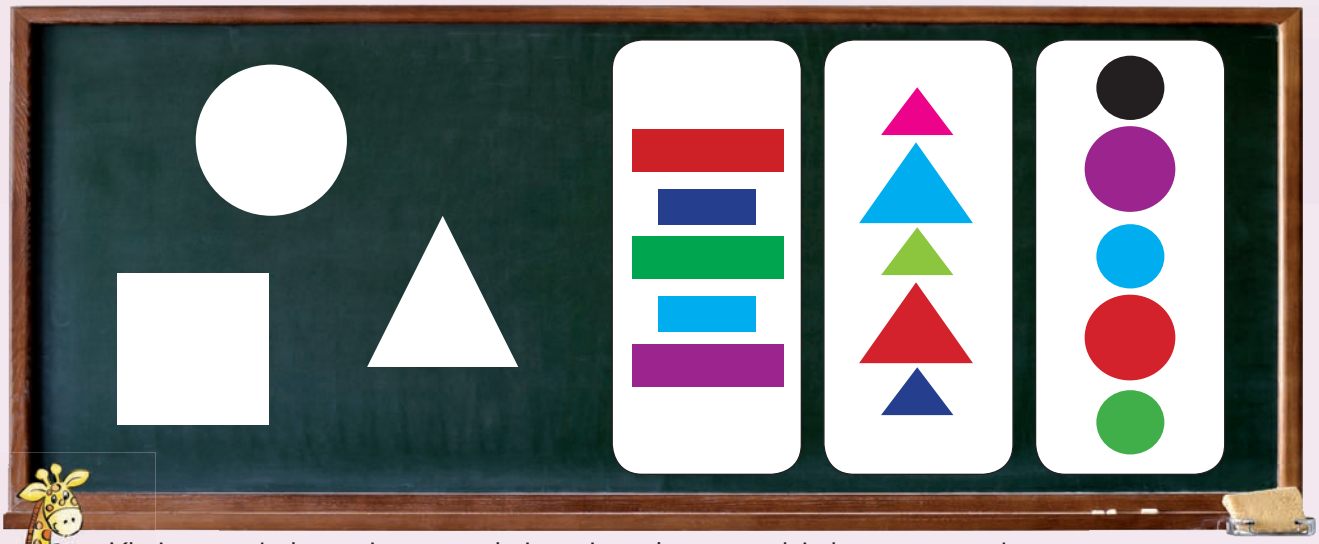
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

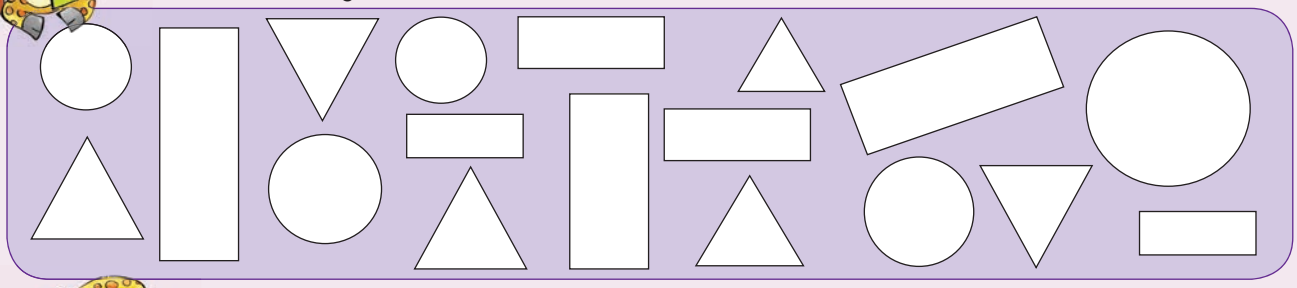
8

Deithi:

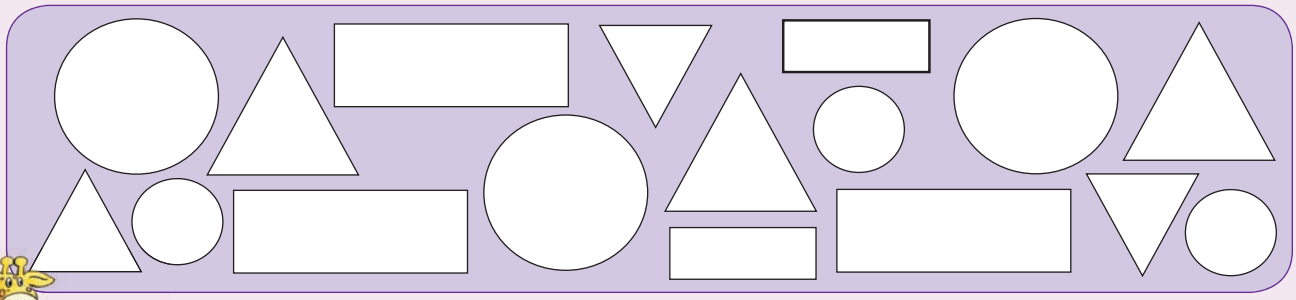
Zwivhumbeo



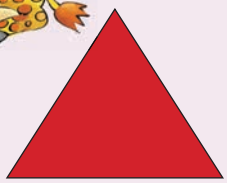
1 Khaḽarani rekithiengele nga muvhala wa lutombo, zwitendeledzi nga mutswuku na thofu nde raru nga wa ṱaḓa.



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

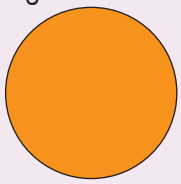


3 Naa masia aya ndi a tswititi kana tshipulumbu? Khaḽarani phindulo i re yone.



tswititi | tshipulumbu

tswititi | tshipulumbu



tswititi | tshipulumbu

Olani lula luṅwe luf haf ha lwa tshisusu.

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9

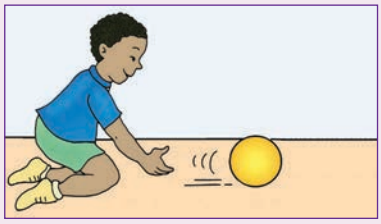
Deithi:

Bola na zwibogisi

Tangedzelani zwibogisi nga muvhala wa lutombo na bola nga mutswuku.

Khaḽarani phindulo yone.

Tshibogisi tshi a | swenda | kunguluwa



Bola i a | swenda | kunguluwa

1 2 3 4 5 6 7 8 9 10

Khaḽarani phindulo yone.

matungo a tshipulumbu

matungo a tswititi

matungo a tshipulumbu

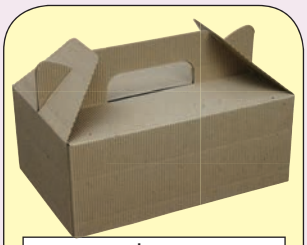
matungo a tswititi

matungo a tshipulumbu

matungo a tswititi

matungo a tshipulumbu

matungo a tswititi



matungo a tshipulumbu

matungo a tswititi

matungo a tshipulumbu

matungo a tswititi

matungo a tshipulumbu

matungo a tswititi

matungo a tshipulumbu

matungo a tswititi

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

murahu ha | nga phanḓa ha

tsini na | nga nṱha ha

murahu ha | nga phanḓa ha

tsini na | nga nṱha ha

murahu ha | nga phanḓa ha

tsini na | nga nṱha ha

murahu ha | nga phanḓa ha

tsini na | nga nṱha ha

bola bogisi

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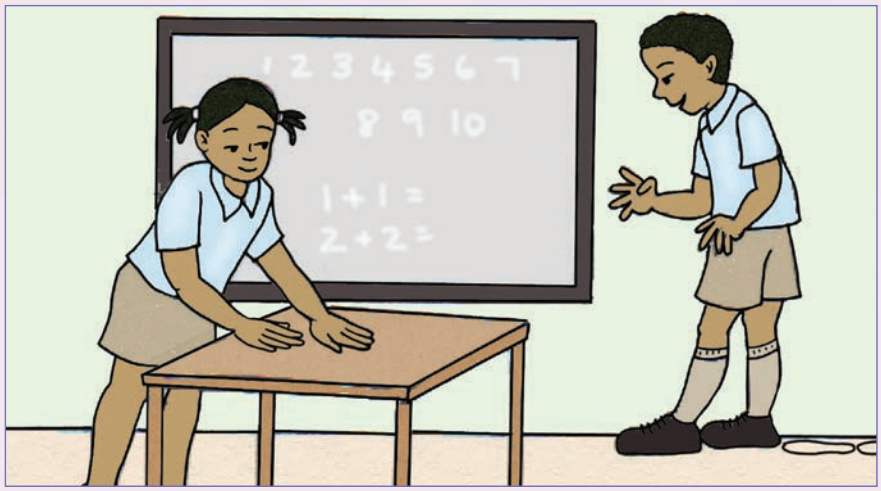
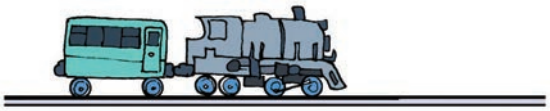
Deithi:

Vhulapfu

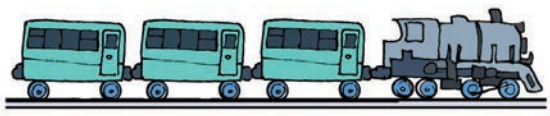
Vha khou ita mini?



Ndi tshidimela tshifhio tshi re tshipfufhi kana tshilapfu?

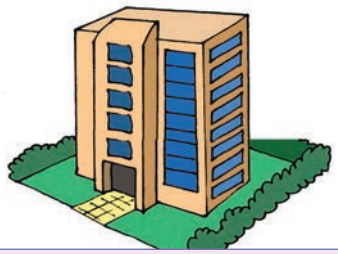


tshilapfu | tshilapfu



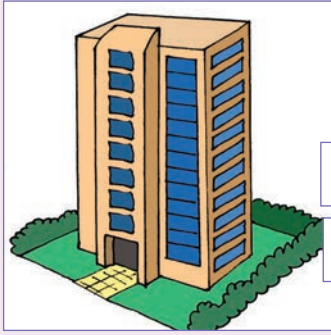
tshilapfu | tshilapfu

Ndi tshifaṱo tshifhio tshi re tshilapfu kana tshipfufhi?



tshilapfu

tshilapfu



tshilapfu

tshilapfu

Ndi muthu ufhio a re mupfufhi kana mulapfu?

mupfufhi	mupfufhi
mupfufhi	mupfufhi

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

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

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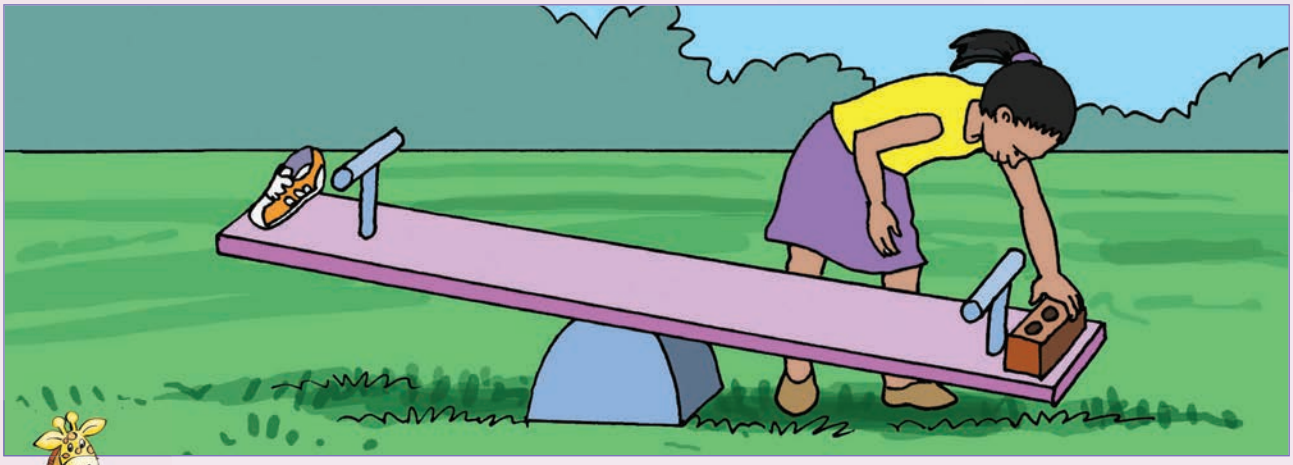
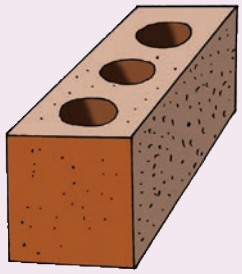
Deithi:

Tshileme

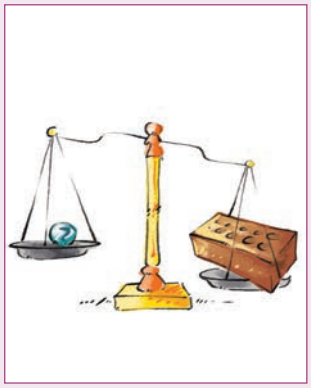


Bulani uri tshithu tshi a lemela kana u leluwa u fhira tshiṅwe naa.

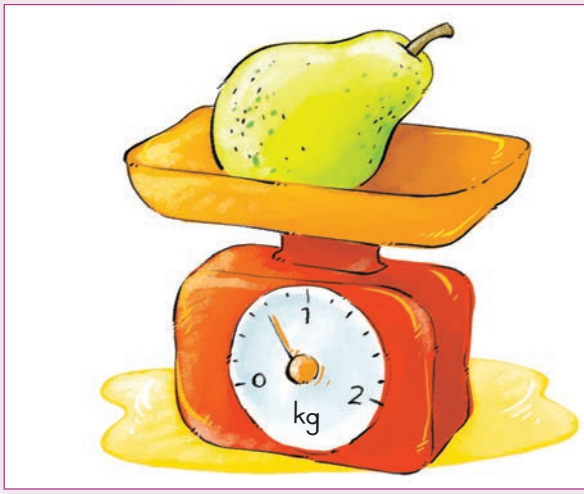


lemela	leluwa	lemela	leluwa

Tangedzelani tshithu tshi no lemela.



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



lemela | leluwa

lemela | leluwa

lemela | leluwa

lemela | leluwa

lemela leluwa

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12

Deithi:

Khaphasithi

Ambani nga tshifanyiso.

Khaḽarani phindulo yone.

ḓala	a hu na tshithu	hafu

ḓala	a hu na tshithu	hafu

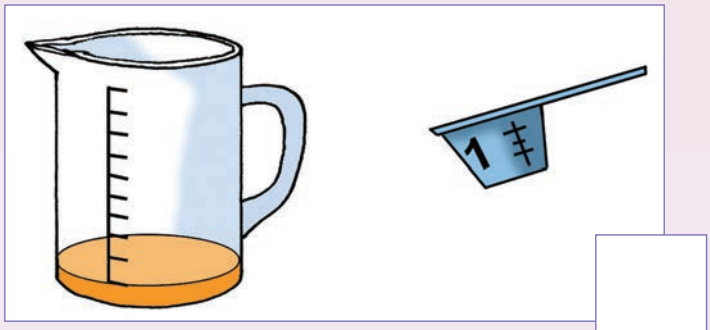
ḓala	a hu na tshithu	hafu

ḓala	a hu na tshithu	hafu

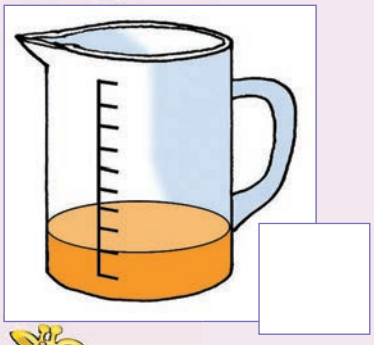
ḓala	a hu na tshithu	hafu

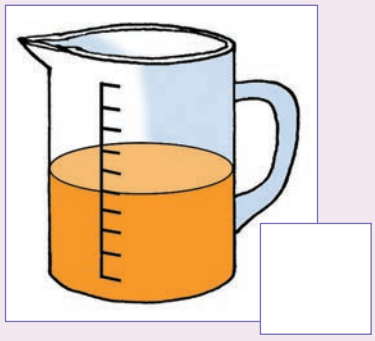
ḓala	a hu na tshithu	hafu

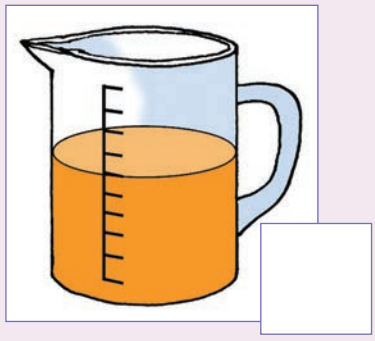
Tshikalo tshithihi tshi ḓadza u swika kha maka ya u thoma kha dzhege iyi.
Ndi zwikalo zwingana zwine zwa ḓo ḓadza dzhege iyi?



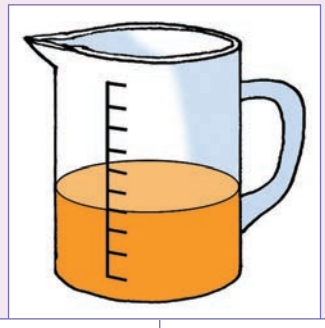
Ndi zwikalo zwingana zwo shelwaho kha dzhege idzi?



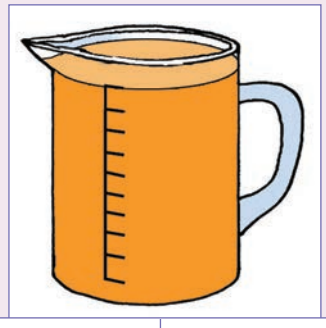




Dzhege i re kha tsha monde i fara I ḽitha ya dzhusi. Ndi dzhege if hio i re na dzhusi i linganaho nahone ndi dzhege if hio i re na ṱhukhu.



lingana	ṱhukhu



lingana	ṱhukhu

ḓala a hu na tshithu

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Date:

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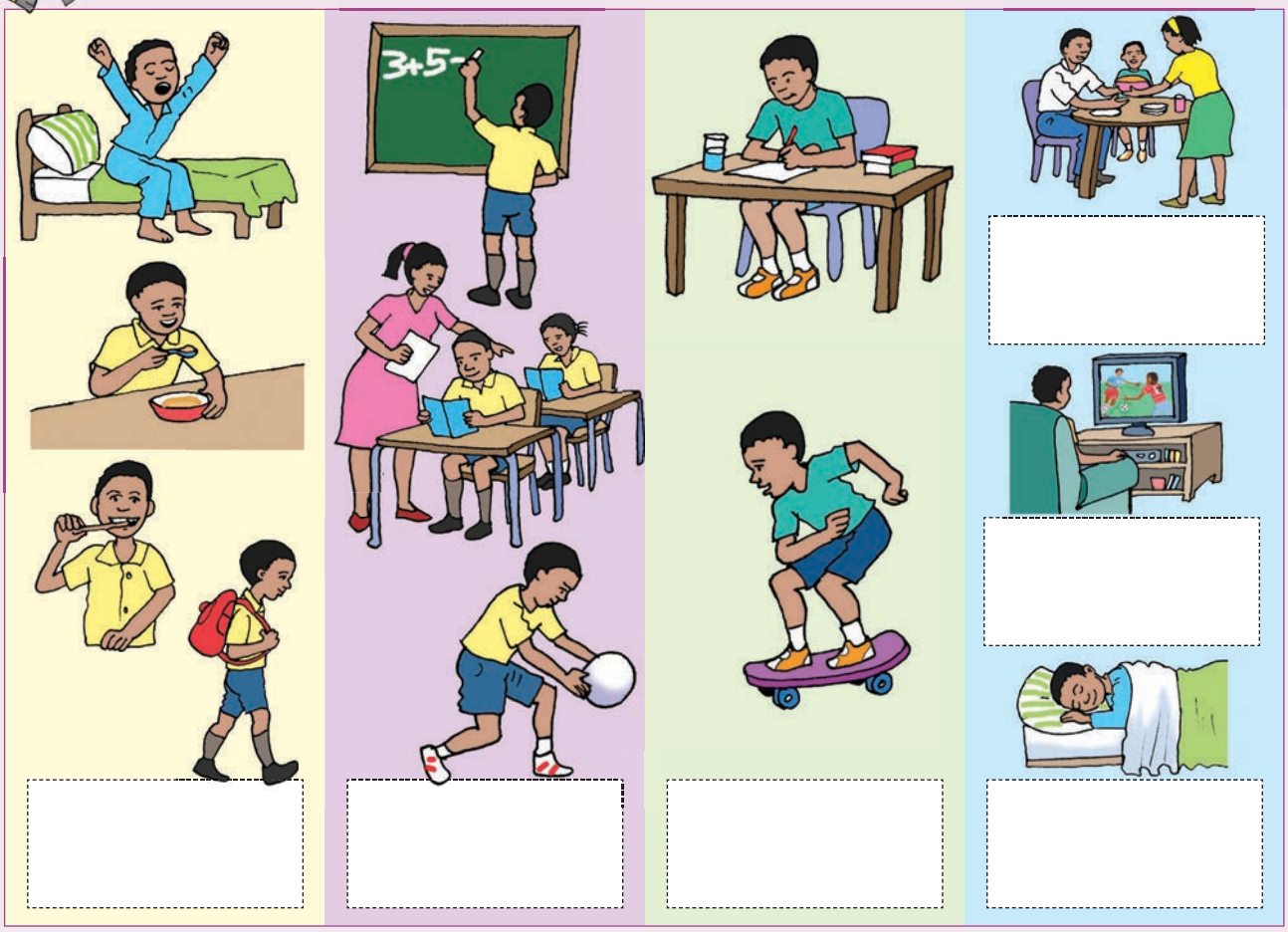
Deithi:

Tshifhinga

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



Fhedzisani mafhungo.

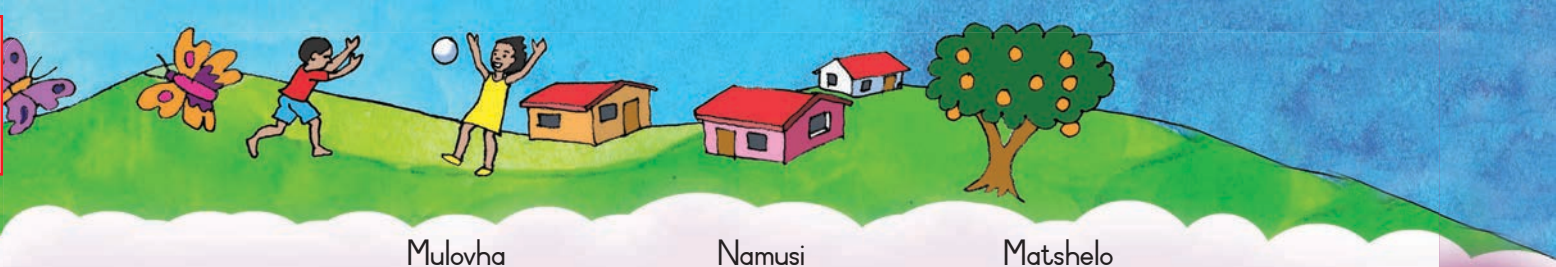
Ndi _____ nga matshelonitsheloni.

Ndi _____ nga matsheloni.

Ndi _____ nga masiari.

Ndi _____ ḓuvha ḽiṅwe na ḽiṅwe.

Ndi _____ u lenga ḓuvha ḽiṅwe na ḽiṅwe.



Mulovha | Ṋamusi | Matshelo

3 Fhindulani mbudziso.

Ṅwana u khou ita mini ṋamusi? _____

Ṅwana o ita mini mulovha? _____

Ṅwana u ḓo ita mini matshelo? _____

4 Olani tshifanyiso tsha inwi muṋe.

Matshelo	Ṋamusi	Mulovha

Mulovha

OLIAOLIAOLIAO

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Deithi:

Khaḽenda ya Ḓuvha ḽa Mabebo

Tevhedzelani miṅwedzi.

Phando
Sipho
Muruṅwa
Annie

Luhuhi
Mpho
Sandani

Thafamuhwe
Sam
Juan

Lambamai
Betty
Luambo

Shundunthule
Kanakan
Ricco
Maanḓa

Fulwi
Mpho

Fulwana
Palesa
Fulufhelo
Kayla

Thangule
Mbali
Aifheli
Mary

Khubvumedzi
John

Tshimedzi
Karin
Jaco

Ḽara
Gugu
Dian

Nyendavhusiku
Mulalo
Richard
Rendani

1 2 3 4 5 6 7 8 9 10

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

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

Ḓuvha ḽa mabebo ḽanga ndi ḽa

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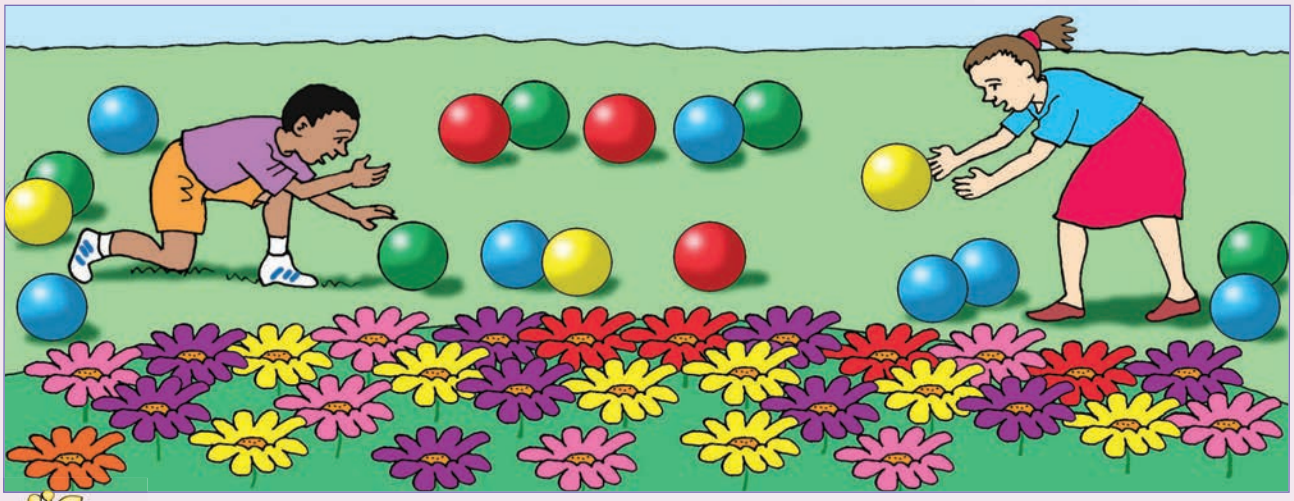
Deithi:

Kuvhanganyani ni vhekanye



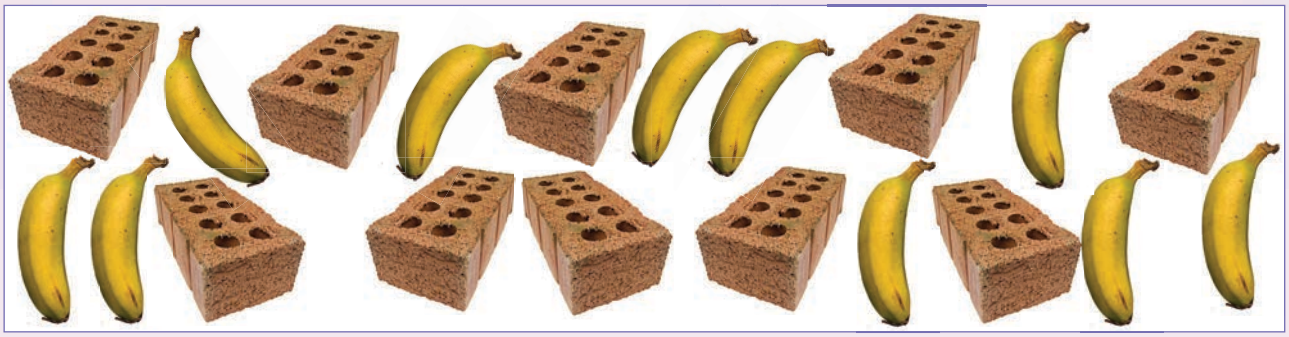
Kuvhanganyani na u vhekanya bola ni dzi ole kha tshibogisi tshone.

bola dala	bola tswuku	bola dza lutombo	bola dza ṱaḓa

Kuvhanganyani maluvha ni a vhekanye.

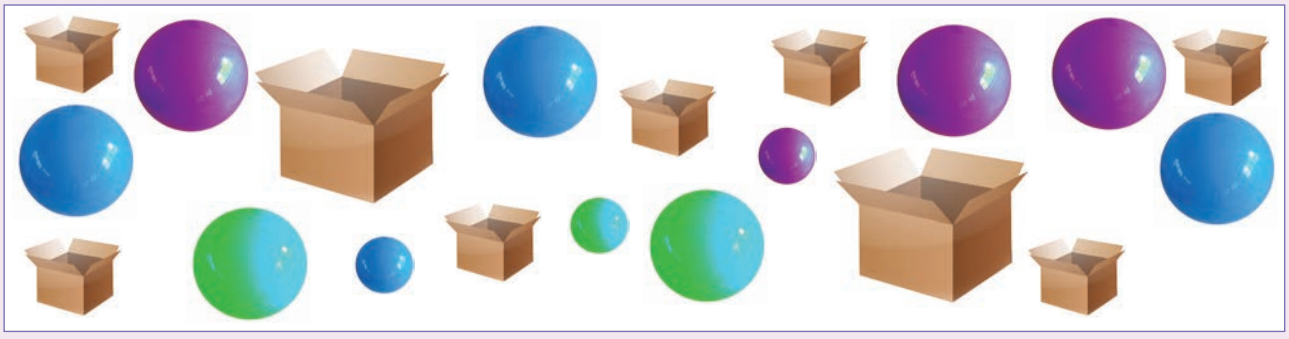
maluvha a ṱaḓa	maluvha matswuku	maluvha a phephuḽu	maluvha a pinki	maluvha a tshitopana

Vhekanyani zwithu. Itani nyolo dzaṋu vhoiwe vhaṋe.



zwithu zwi leluwaho

zwithu zwi lemelaho



bola ṱhukhu

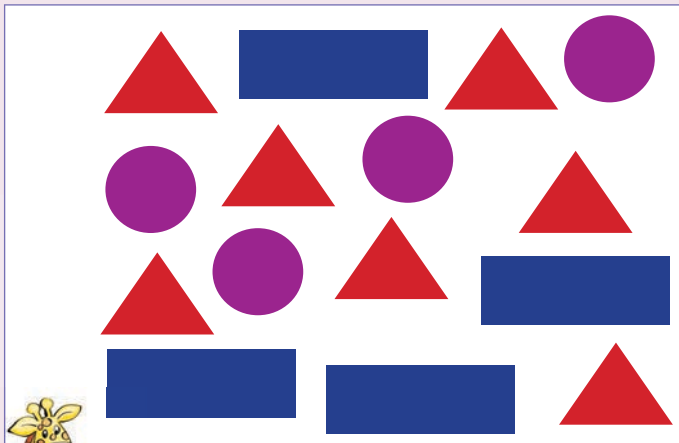
bola khulwane

zwibogisi zwiṱuku

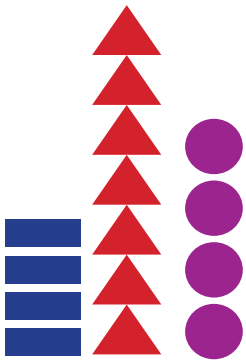
mabogisi mahulwane

Deithi:

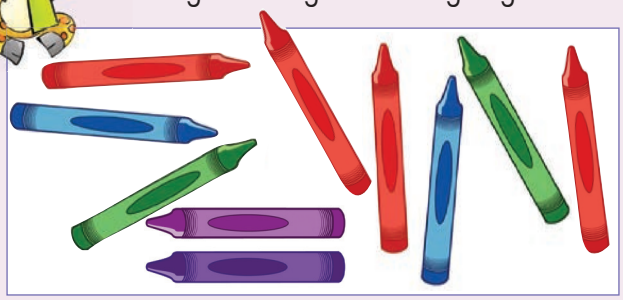
Vhalani ni ṱalutshedze



Nyolo yanga nne mune



Vhekanyani khirayoni. Itani nyolo yadzo.



Vhekanyani maluvha. Itani nyolo yao.

Vhekanyani makole na misengavhadzimu. Zwi oleni.

Fhindulani mbudziso.

tharaiengele	rekithiengele	zwitendeledzi

Ndi thiraiengele nngana dzi re hone? ☐

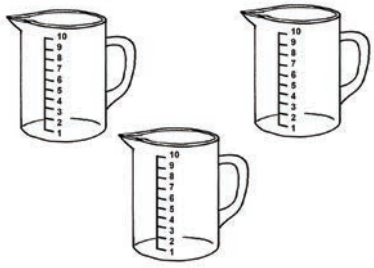
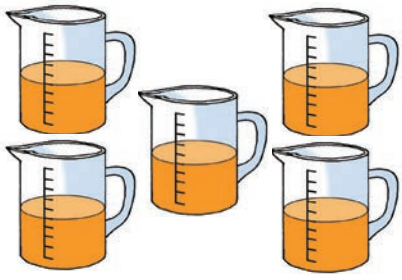
Ndi thiraiengele nngana dzi re hone? ☐

Ndi zwitendeledzi zwingana zwi re hone? ☐

Hu na thiraiengele nnzhi kana rekithiengele naa? ☐

Hu na zwitendeledzi zwinzhi kana thiraiengele naa? ☐

Hu na zwitendeledzi zwinzhi kana rekithiengele naa? ☐

		
a hu na tshithu	hafu	ḓala

Hu na dzhege nngana dzi si na tshithu? ☐

Hu na dzhege nngana dzi re hafu? ☐

Hu na dzhege nngana dzo ḓalaho? ☐

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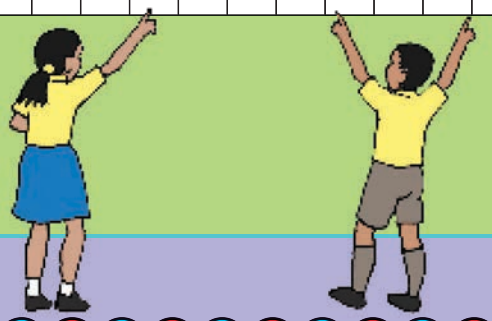
17

Deithi:

Rangela, tevhela na vhukati

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

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



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

2 Ṅwalani 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

3 Dzhenisani nomboro dzi no khou ṱahelaho.

	2			5	
	12			15	
13			16		

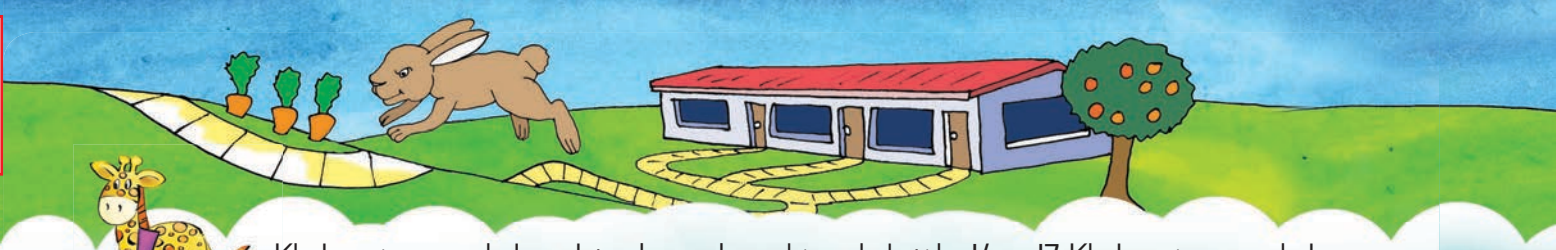
10			13		
	17			20	
20					25

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

Ndi nomboro ifhio i no rangela (8)? _____

Ndi nomboro ifhio i re tvhela (16)? _____

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



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

11	12	13	14	15	16	17	18	19	20

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

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

_____

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

_____

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

Fhindulani mbudziso dzi tevhelaho.

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

Teacher:
Sign:
Date:

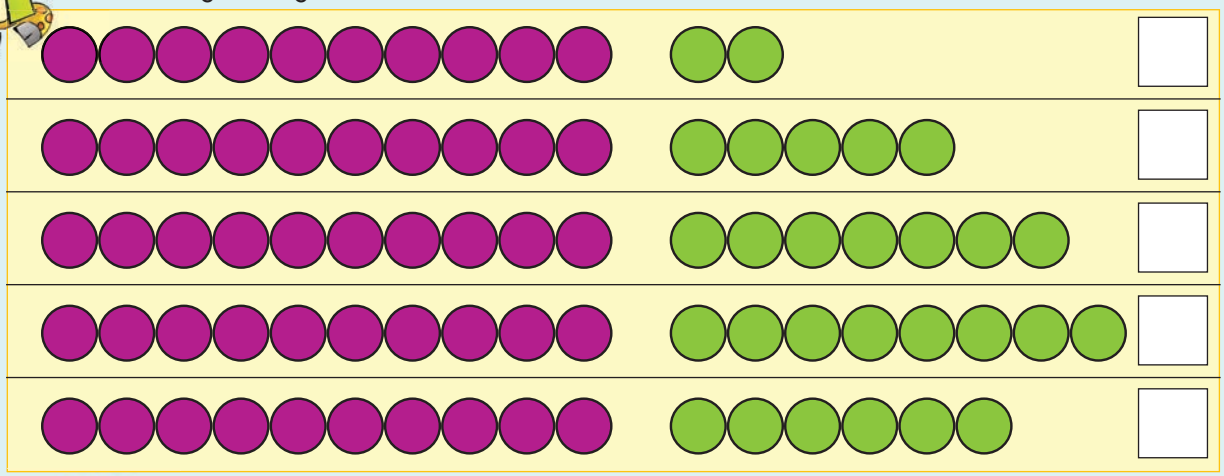
11 12 13 14 15 16 17 18 19 20

Deithi:

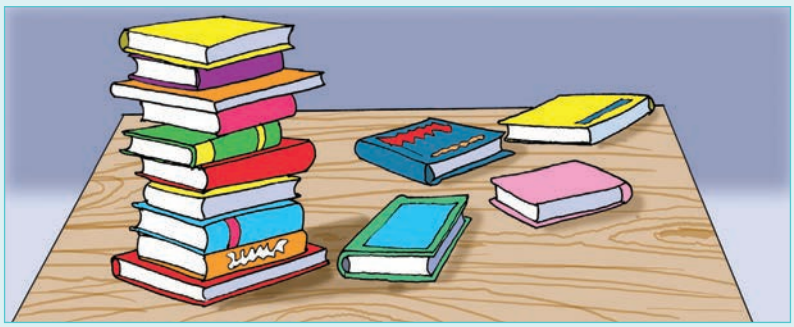
Nomboro 1 – 30

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

Ndi vhulungu vhungana hu re hone?

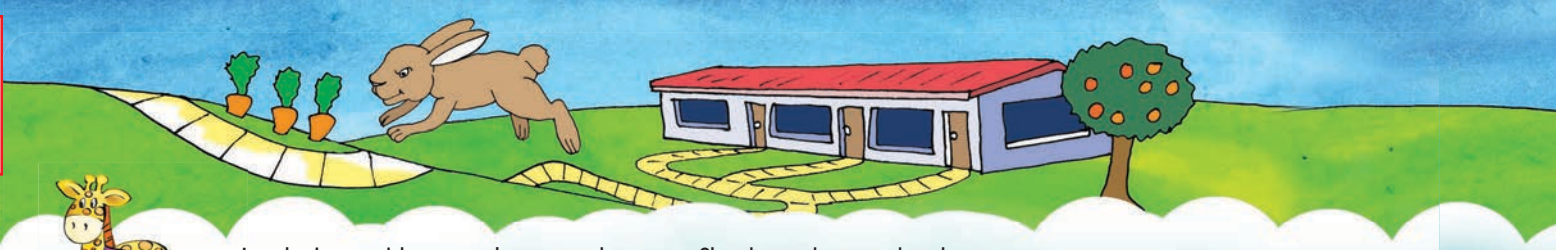


Ndi bugu nngana dzi re hone?



Dzhenisani nomboro dzo ṱahelaho.

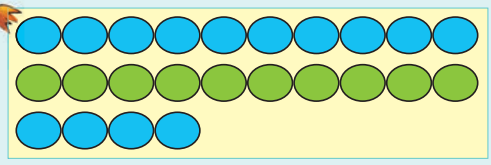
14	12	15	17	19	13	26	28	21	30
10 4	2	10	7	10					



Lavhelesani kha tsumbo ya u thoma ni fhedzise dziṅwe dzoṱhe.

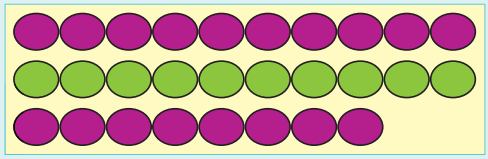
18	=	fumi ḽa	1	+	yuniti dza	8	kana	18	=	10	+	8
15	=	mahumi a		+	yuniti dza		kana		=		+	
19	=	mahumi a		+	yuniti dza		kana		=		+	
22	=	mahumi a		+	yuniti dza		kana		=		+	
24	=	mahumi a		+	yuniti dza		kana		=		+	

Ndi vhulungu vhungana he na vhala?



Nomboro

Ri nga i ṅwala sa: 20 + ☐ = 24



Nomboro

Ri nga i ṅwala sa: 20 + ☐ = 28

Ṅwalani nga maipfi.

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

Lavhelesani tsumbo ya u thoma ni fhedzise mbalo dzo salaho.

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

Teacher:
Sign:
Date:

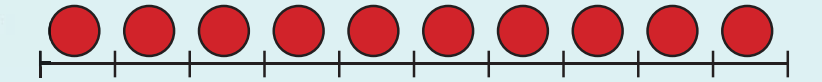
11 12 13 14 15 16 17 18 19 20

19

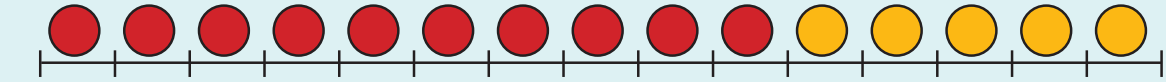
Deithi:

Mitalombalo

Dzhenisani nomboro dzo ṱahelaho.



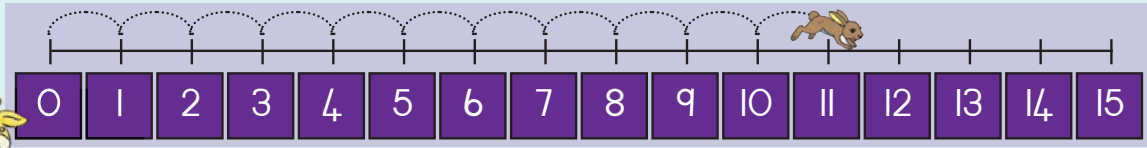
0	1			4						10



0					5	6									15

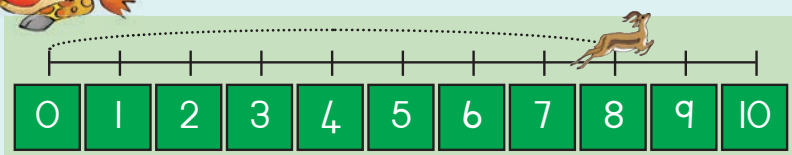
Muvhuḓa wo fhufha u swika ngafhi? Shumisani mutalombalo kha u wana phinduho.

0	1	2	3	4	5	6	7	8	9	10

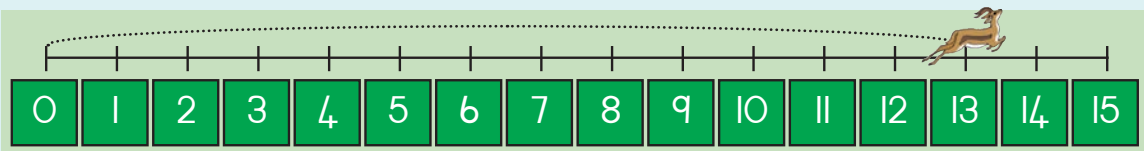


0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

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

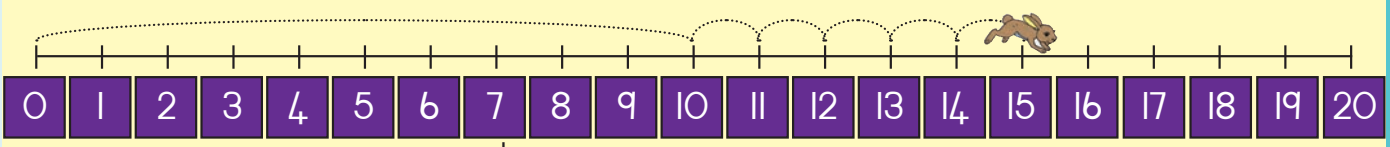


0	1	2	3	4	5	6	7	8	9	10

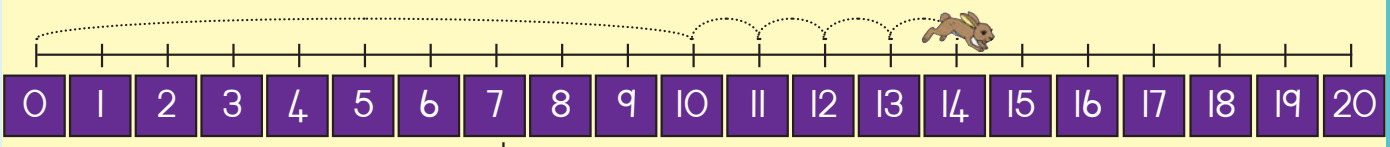


0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

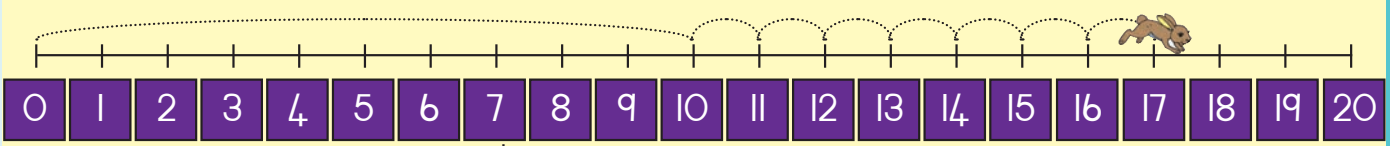
Fhedzisani mutalombalo. Muvhuḓa wo fhufha u swika ngafhi?



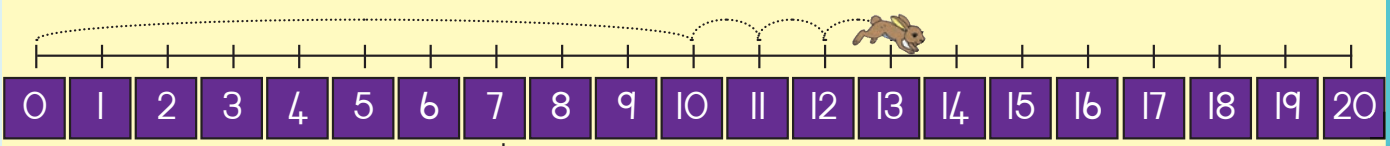
mahumi		yuniti		
10	+	5	=	



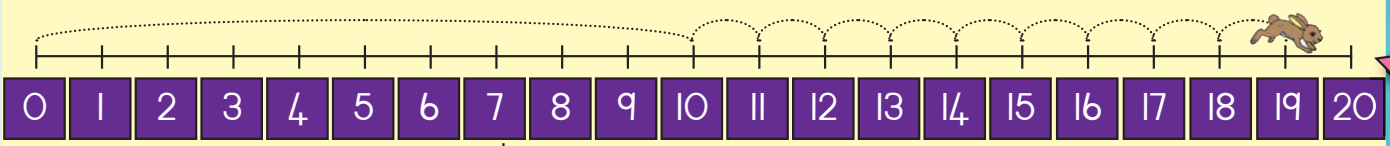
mahumi		yuniti		
	+		=	



mahumi		yuniti		
	+		=	



mahumi		yuniti		
	+		=	



mahumi		yuniti		
	+		=	

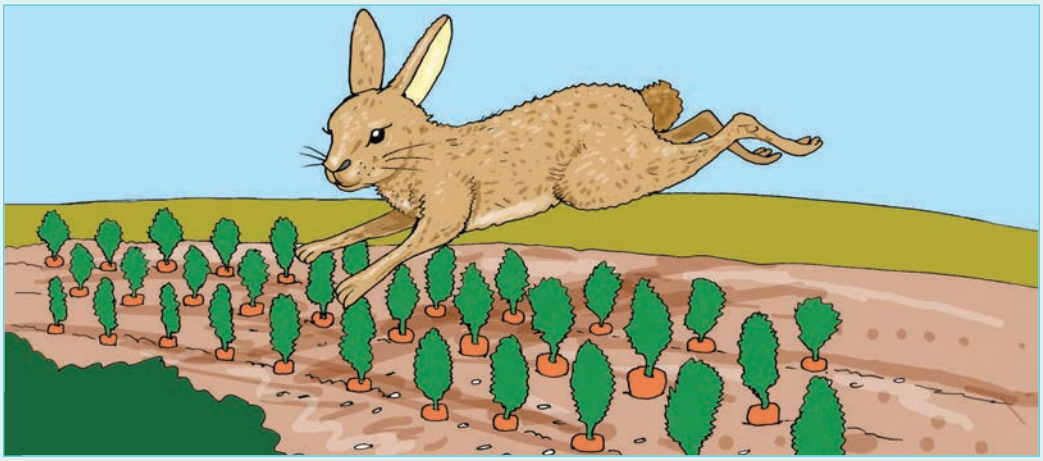
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

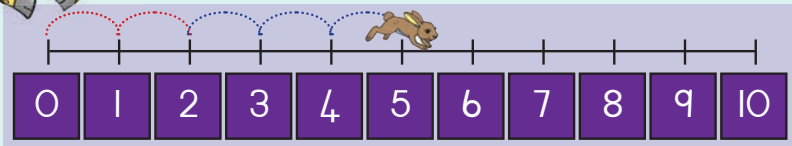
20

Deithi:

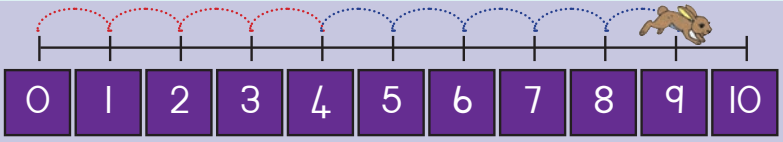
Mitalombalo miṅwe



Shumisani mutalombalo uri u ni thuse kha u wana phindulo.

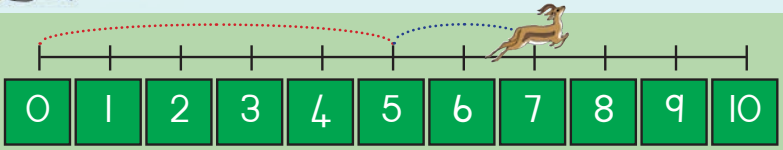


2 + 3 = 5

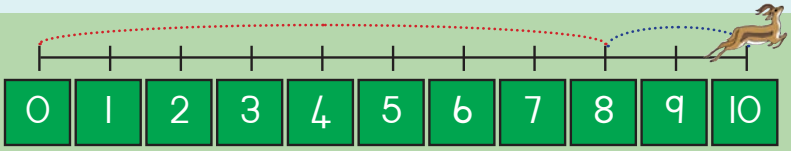


__ + __ = __

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



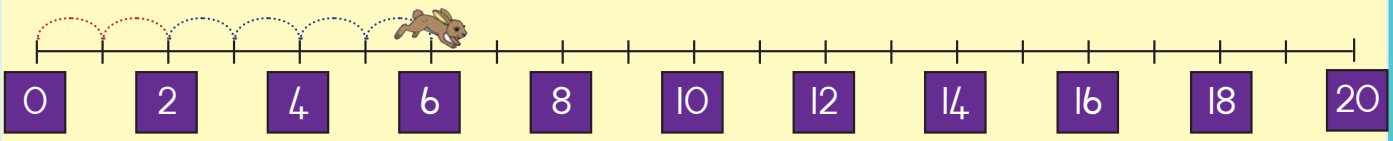
__ + __ = __



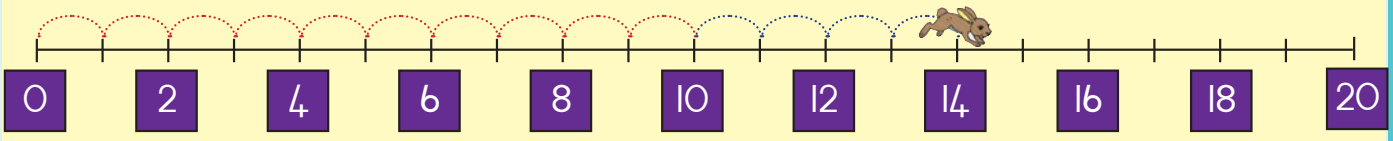
__ + __ = __

1 2 3 4 5 6 7 8 9 10

Thusani muvhuḓa u ṅwala mbalo.

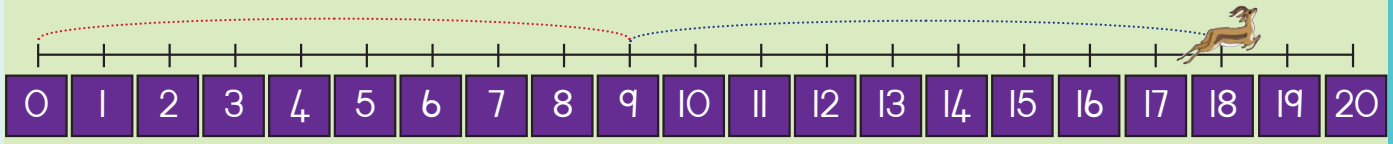


□ + □ = □

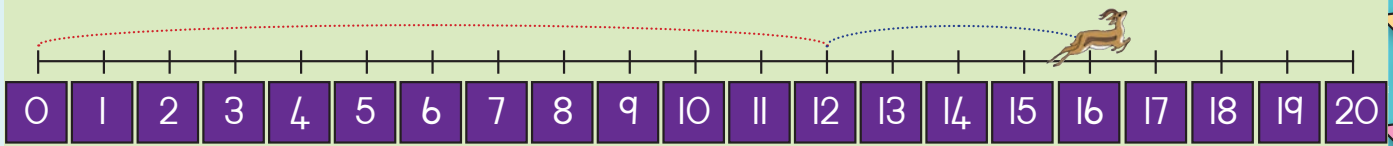


□ + □ = □

Thusani phala u ṅwala mbalo.



□ + □ = □



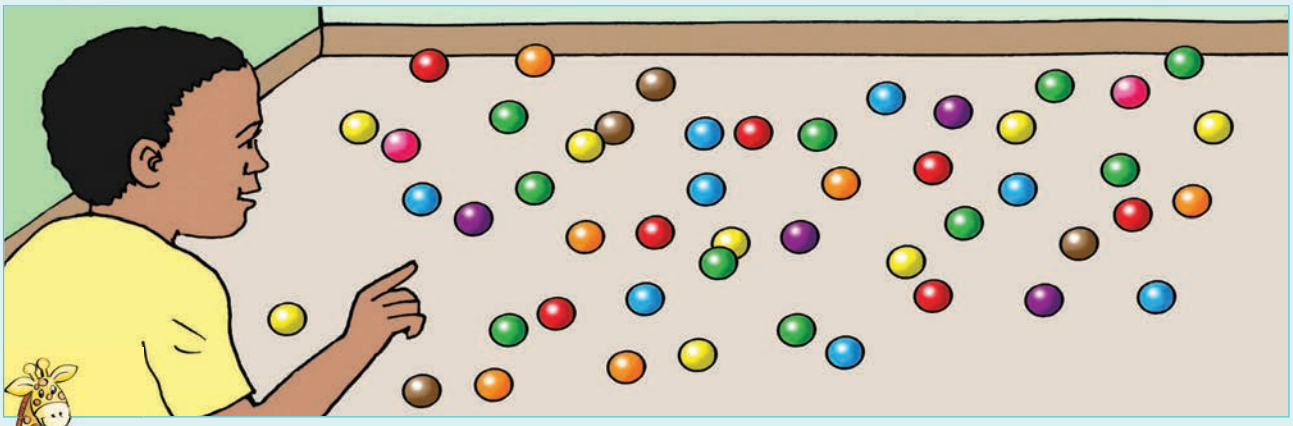
□ + □ = □

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Deithi:

Muṱanganyo na muṱuso



Ṅwalani tshivhalo tsha vhulungu.

Ndi vhulungu vhutswuku vhungana vhu re hone?

Ndi vhulungu ha lutombo vhungana vhu re hone?

Ndi vhulungu vhudala vhungana vhu re hone?

Ndi vhulungu ha tshitopana vhungana vhu re hone?

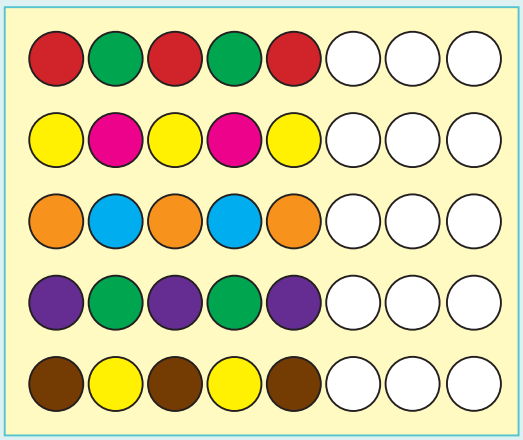
Ndi vhulungu ha phephuḽu vhungana vhu re hone?

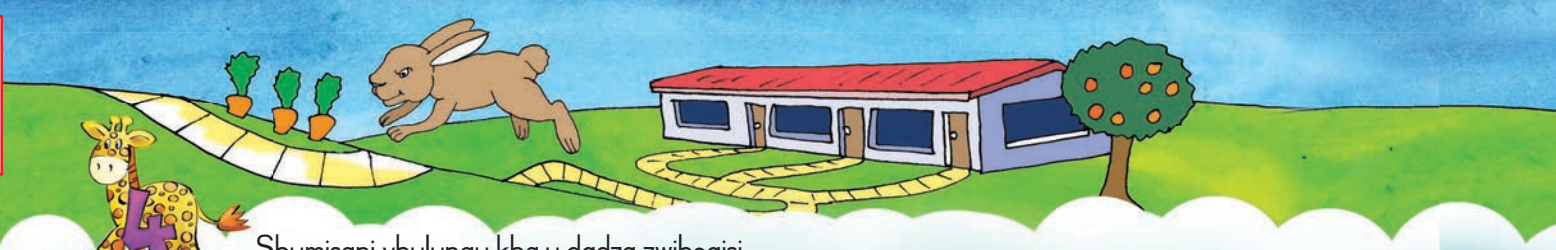
Vhulungu hoṱhe ho ṱangana ndi vhungana?

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

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

Fhedzisani phetheni.

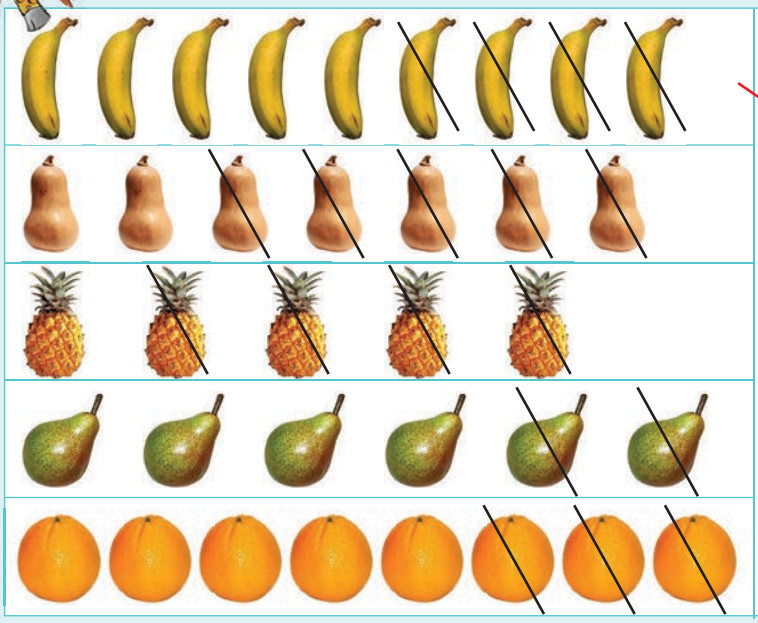




Shumisani vhulungu kha u ḓadza zwibogisi.

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

Livhanyani tshifanyiso na mbalo ni ṋee phindulo.



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

Shumani mbalo.

9 – 6 = 3	– =
– =	– =

Teacher:
Sign:
Date:

Deithi:

Maḓuvha, vhege na miṅwedzi

Musumbuluwo
Ḽavhuvhili
Ḽavhuraru
Ḽavhuṋa
Ḽavhuṱanu
Mugivhela
Swondaha

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

Fhindulani mbudziso dzi tevhelaho dzi no kwa maḓuvha a vhege.

Ndi ḓuvha ḽifhio ḽi no rangela Ḽavhuraru? _____

Ndi ḓuvha ḽifhio ḽi no rangela Ḽavhuraru? _____

Ndi ḓuvha ḽifhio ḽi no tevhela Mugivhela? _____

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

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

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

_____

Fhindulani mbudziso dzi tevhelaho dzi no kwama miṅwedzi.

Ndi ṅwedzi ufhio u no rangela Lambamai? _____

Ndi ṅwedzi ufhio u no tevhela Fulwi? _____

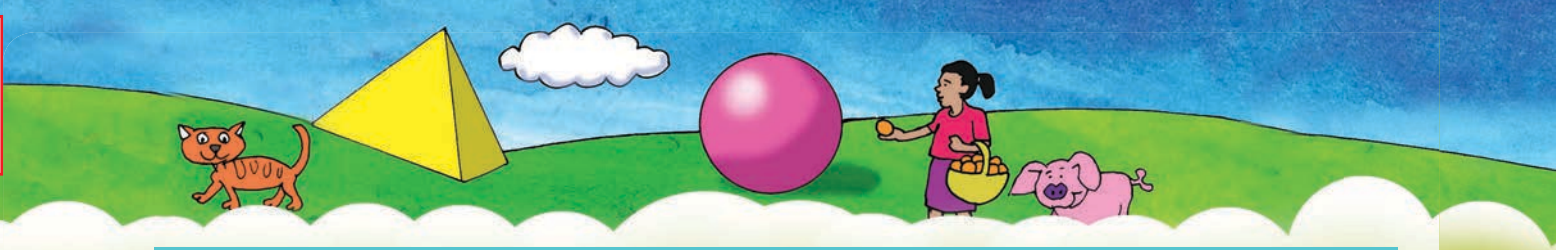
Ndi ṅwedzi ufhio u no ḓa vhukati ha Ṱhangule na Tshimedzi? _____

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

_____

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

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



Vhurereli Afrika Tshipembe

Zwiwo zwa ḓivhazwakale

Ḓuvha ḽa Pfanelo dza Vhathu

Ḓuvha ḽa Mbofholowo

Ḓuvha ḽa Vhashumi

Ḓuvha ḽa Vhaswa

Ḓuvha ḽa Vhafumakadzi ḽa Lushaka

Ḓuvha ḽa Vhufa

Ḓuvha ḽa Vhupfumedzani

Ḓuvha ḽa mabebo

Ḓuvha ḽa mabebo ḽanga

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

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

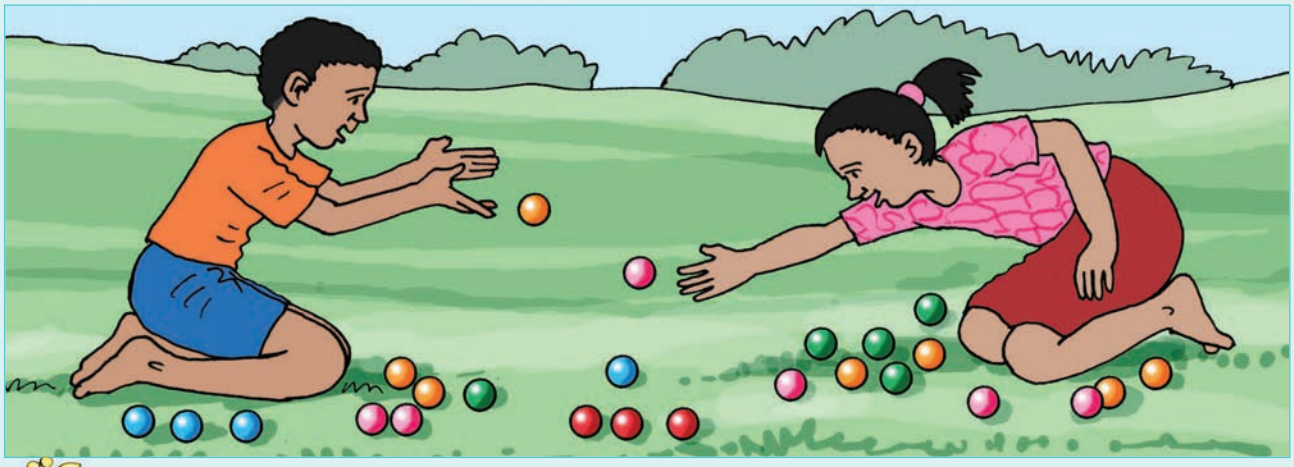
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

23a

Deithi:

Muṱanganyo

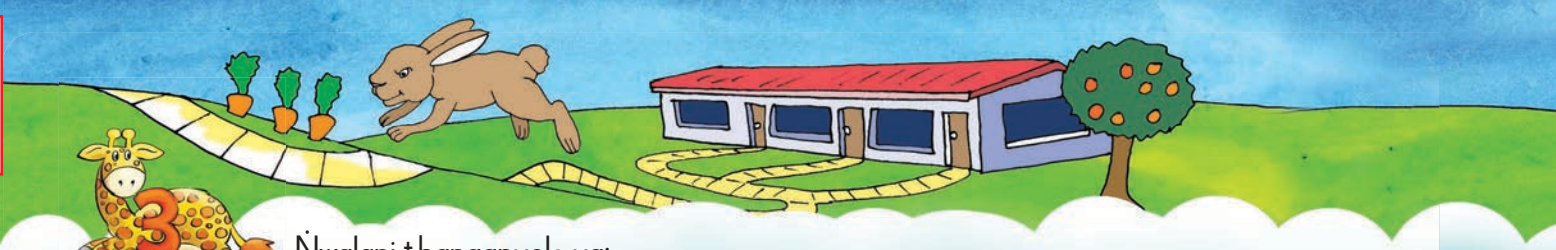


Lavhelesani tshifanyiso ni ṅwale tshivhalo tsha mimavhuḽu ya muvhala muṅwe na muṅwe zwibogisini zwone ni a ṱanganye.

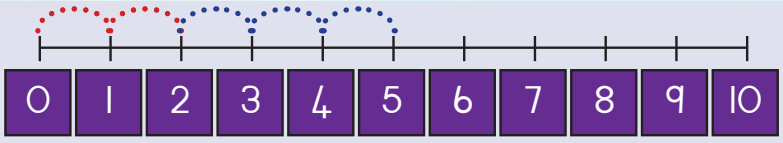
mitswuku	+	ya lutombo	=	3	+	4	=	
midala	+	ya lutombo	=		+		=	
ya pinki	+	ya lutombo	=		+		=	
midala	+	ya tshitopana	=		+		=	
mitswuku	+	midala	=		+		=	
ya tshitopana	+	ya lutombo	=		+		=	

Ṱanganyani.

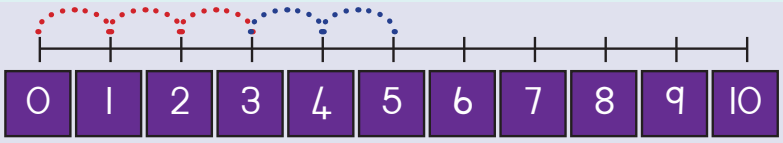
3 + 2 =	4 + 6 =	9 + 3 =
6 + 5 =	7 + 8 =	8 + 4 =
9 + 5 =	8 + 6 =	7 + 4 =
9 + 9 =	7 + 5 =	8 + 8 =
7 + 6 =	9 + 6 =	7 + 7 =



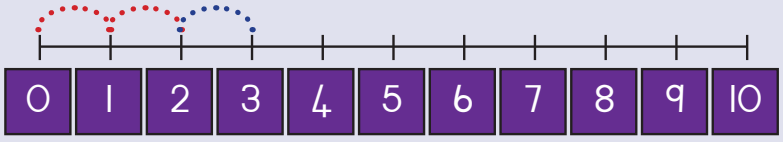
3 Ṅwalani ṱhanganyelo ya:



2 + 3 = 5



__ + __ = __

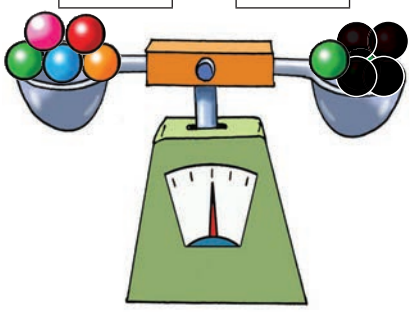


__ + __ = __

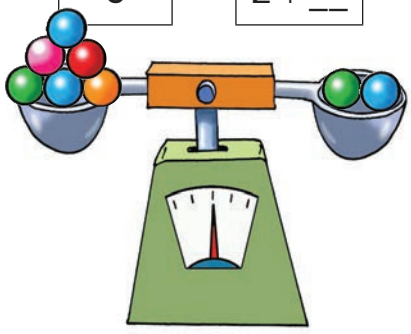
__ + __ = __

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

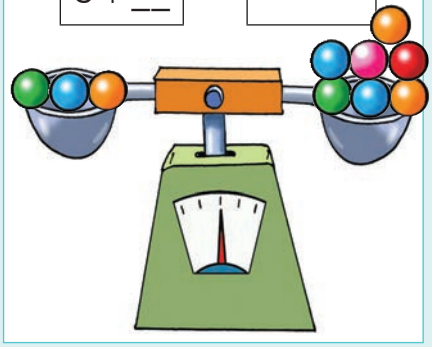
5 = 1 + 4



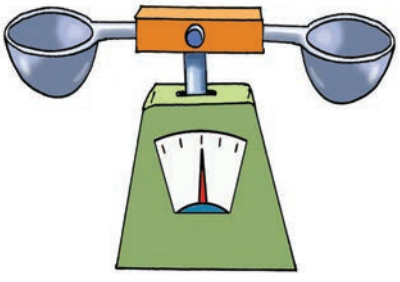
6 = 2 + __



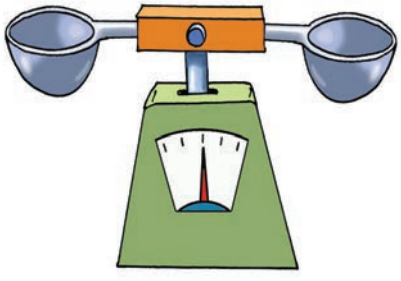
3 + __ = __



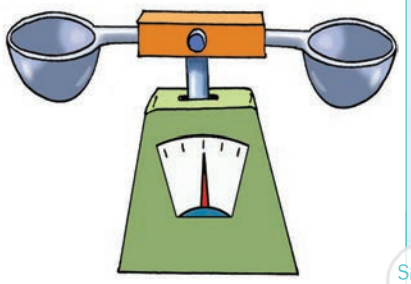
2 + 1 = 1 + __



6 + 3 = 3 + __



2 + __ = 8 + 2



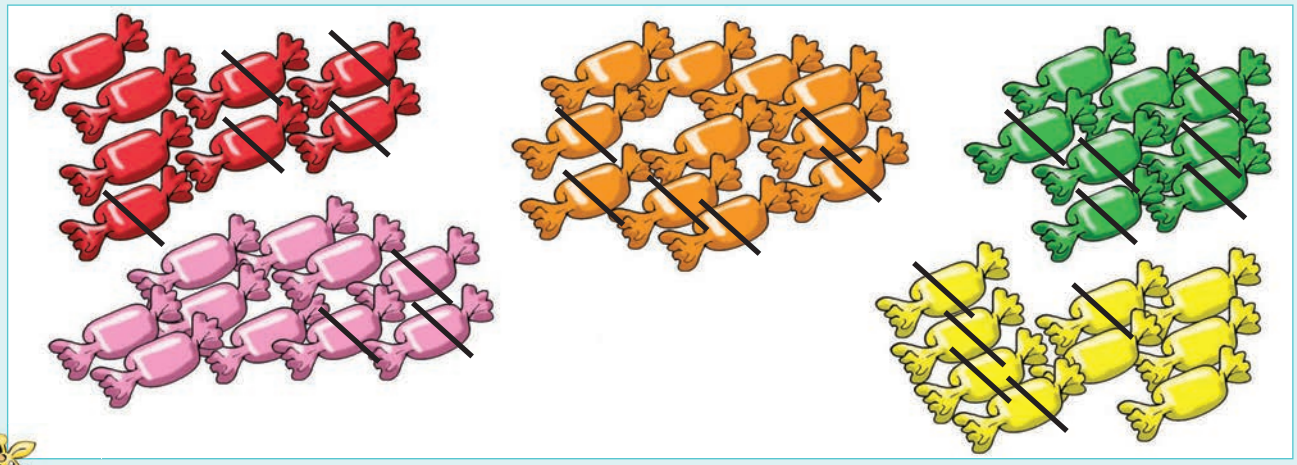
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

23b

Deithi:

Mutuso



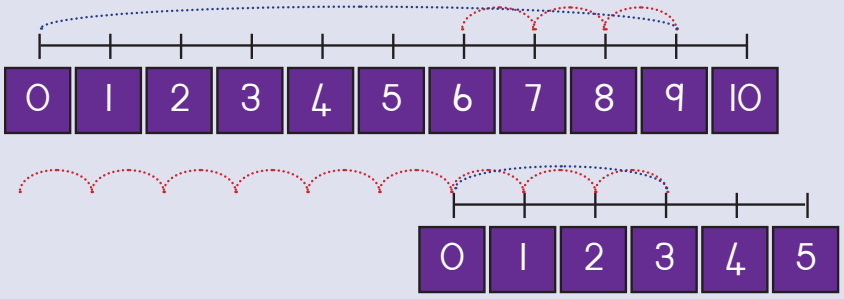
Lavhelesani tshifanyiso ni ṅwale mbalo dza u ṱusa.

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

Ra ṱusa.

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

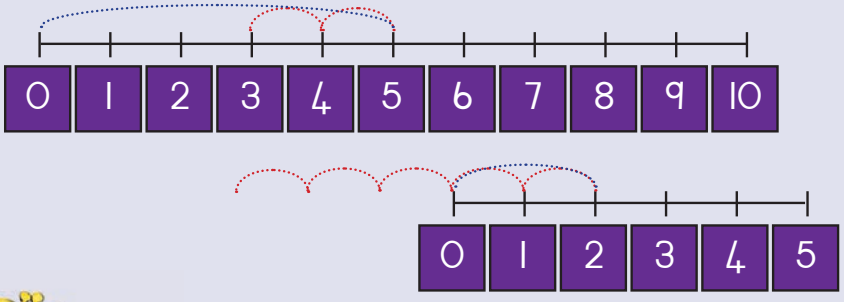
Fhedzisani.



9 – 3

A zwi lingani na

3 – 9

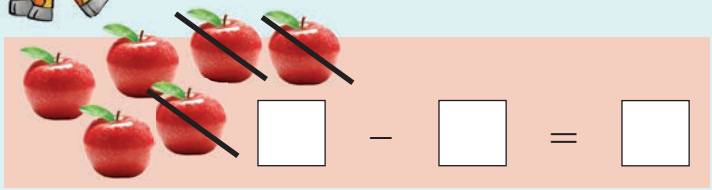


5 – 2

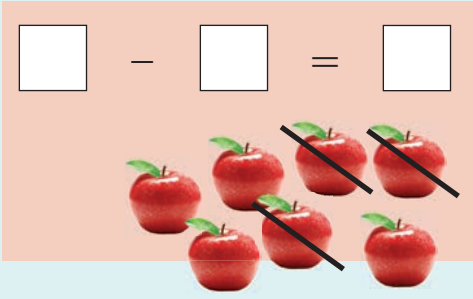
A zwi lingani na

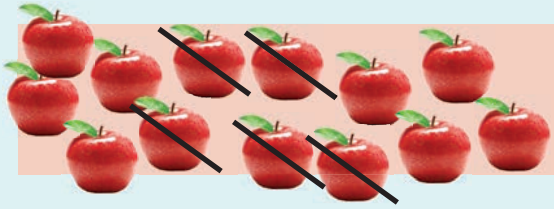
2 – 5

Nwalani mbalo ya:



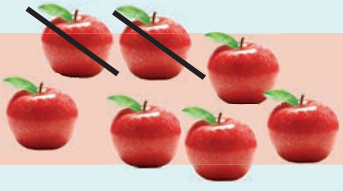
□ – □ = □





□ – □ = □

□ – □ = □



□ – □ = □

Zwi ya phanḓa kha siaṱari ḽi tevhelaho.

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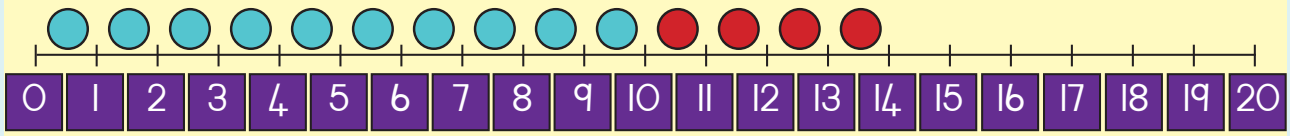
Deithi:

Muṱanganyo muṅwe hafhu

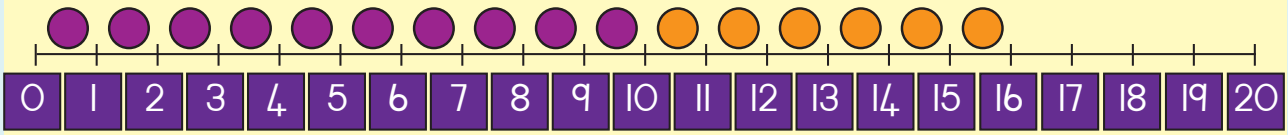
Ṱanganyani nomboro dzi re tshibuḽokoni tshiṅwe na tshiṅwe ni ṅwale ṱhanganyelo.

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

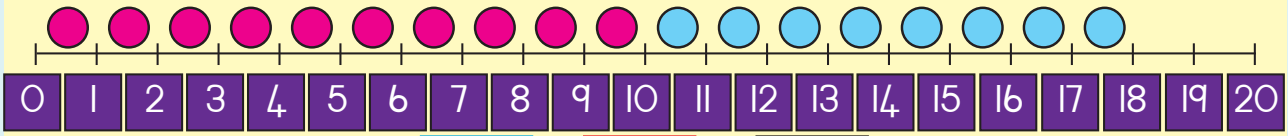
Shumisani mutalombalo. Ṅwalani mbalo ya muṱanganyo. Ro dzula ro ni itela ya u thoma.



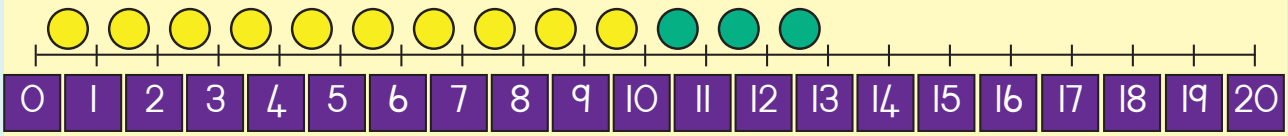
10 + 4 = 14



__ + __ = __



__ + __ = __



__ + __ = __

Ṭanganyani.

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

Ṭanganyani.

16 + 13

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

14 + 12

10		10							
4	+	2	=			+		=	

17 + 11

10		10							
7	+	1	=			+		=	

15 + 13

10		10							
5	+	3	=			+		=	

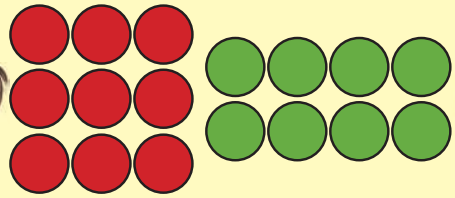
16 + 12

10		10							
6	+	2	=			+		=	

18 + 12

10		10							
8	+	2	=			+		=	

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



Ṭhanganyelo ndi vhugai?

Teacher:
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Date:

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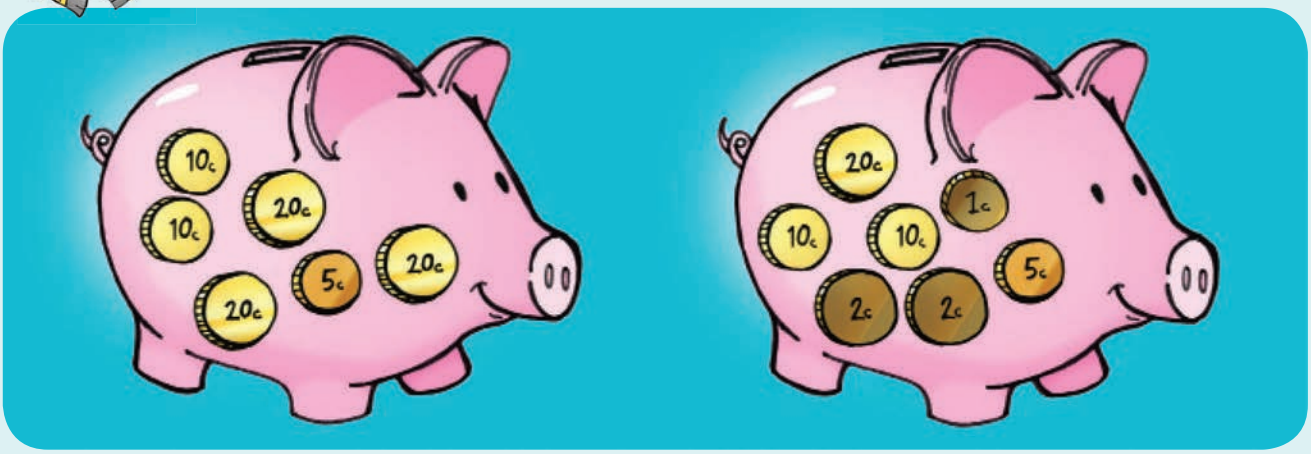
Deithi:

.....

Tshelede

1

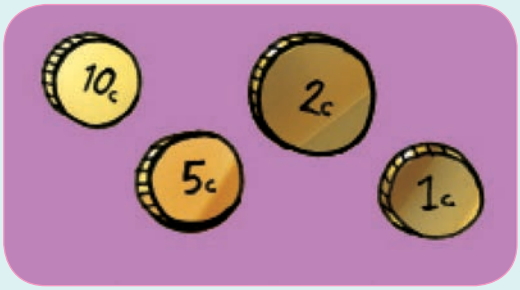
Ndo vhulunga vhugai?

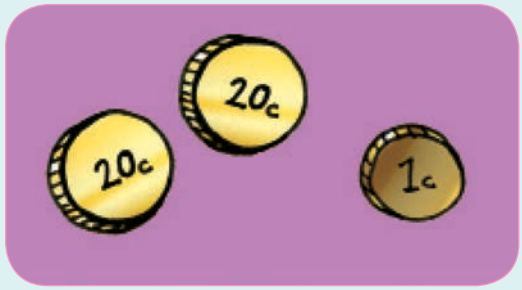


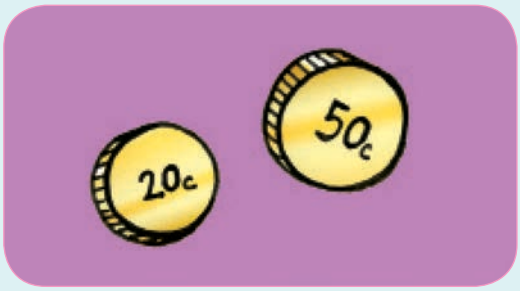
2

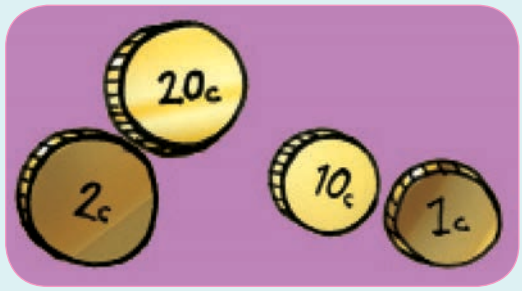
Gerani khoini kha Tshigeriwa tsha 3 ni nambatedze tshivhalo tsho teaho haf'ha.

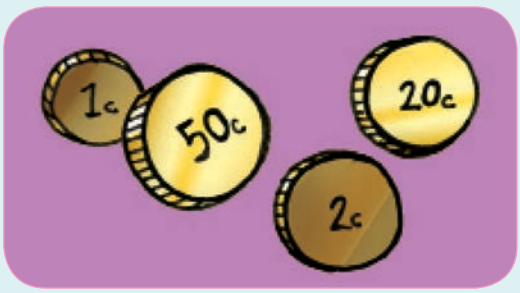
Ndi masenthe mangana?











Mbalo dza maipfi.

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

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

Teacher:
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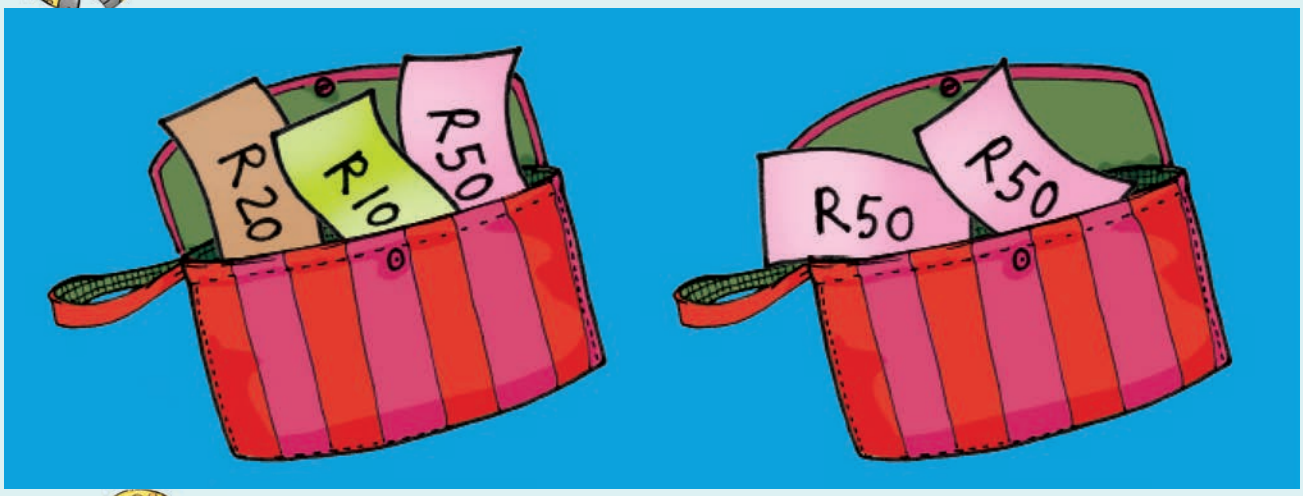
Date:

Deithi:

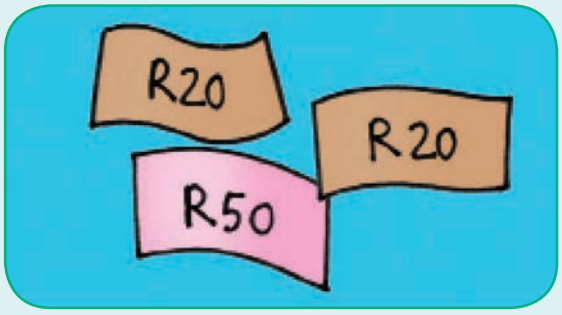
Tshelede dzinoutu (ya bammbiri)

Ndi na vhugai pheseni yanga?



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

Hu na rannda nngana dzo ṱangana dzoṱhe?



Mbalo dza maipfi.

Ndo vhulunga R50. Nda fhiwa R20 nga ḓuvha ḽanga ḽa mabebo. Ndi na vhugai?

_____

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

_____

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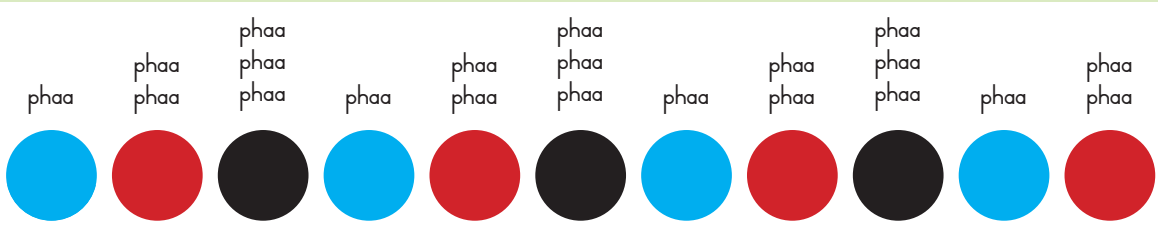
Deithi:

Phetheni

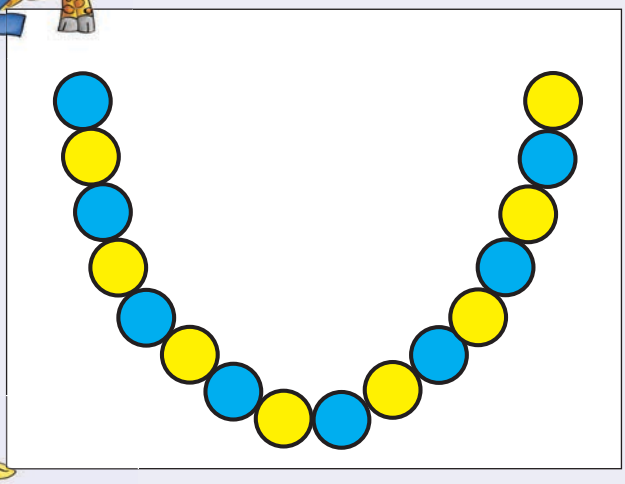
Vhandelani phetheni.

phaa phaa phaa phaa phaa phaa phaa phaa phaa phaa phaa phaa

phaa phaa phaa phaa phaa phaa phaa phaa phaa phaa phaa phaa

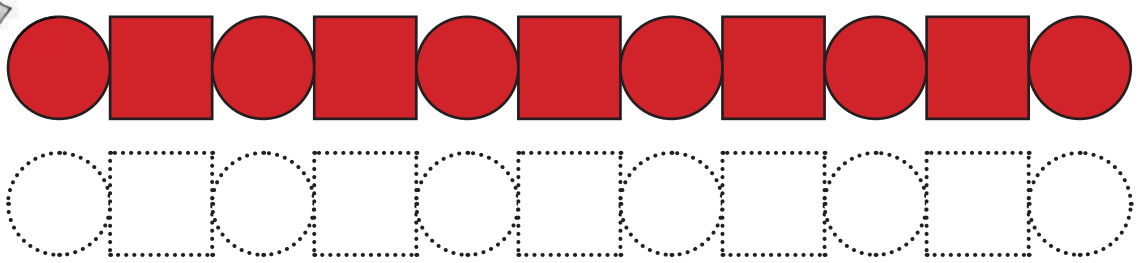


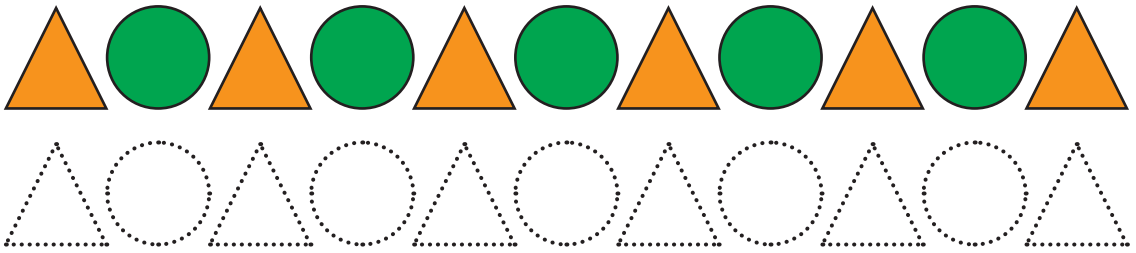
Kopani phetheni. Shumisani Tshigeriwa 4.



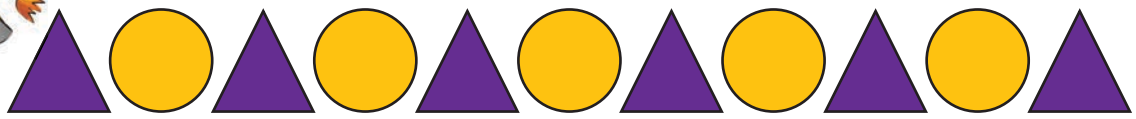
Itani tshifanyiso tshaṉu inwi muṉe tshi no bva kha vhulungu ho salaho.
Shumisani Tshigeriwa 4.

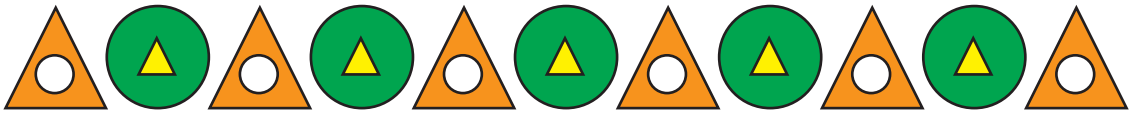
Kopani phetheni dzi tevhelaho.

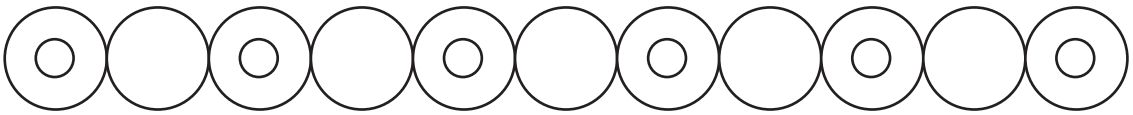




Kopani phetheni.







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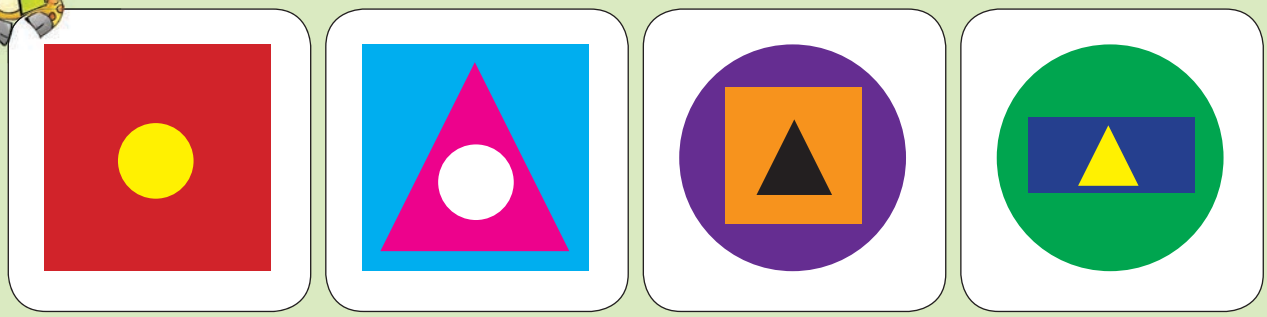
Deithi:

.....

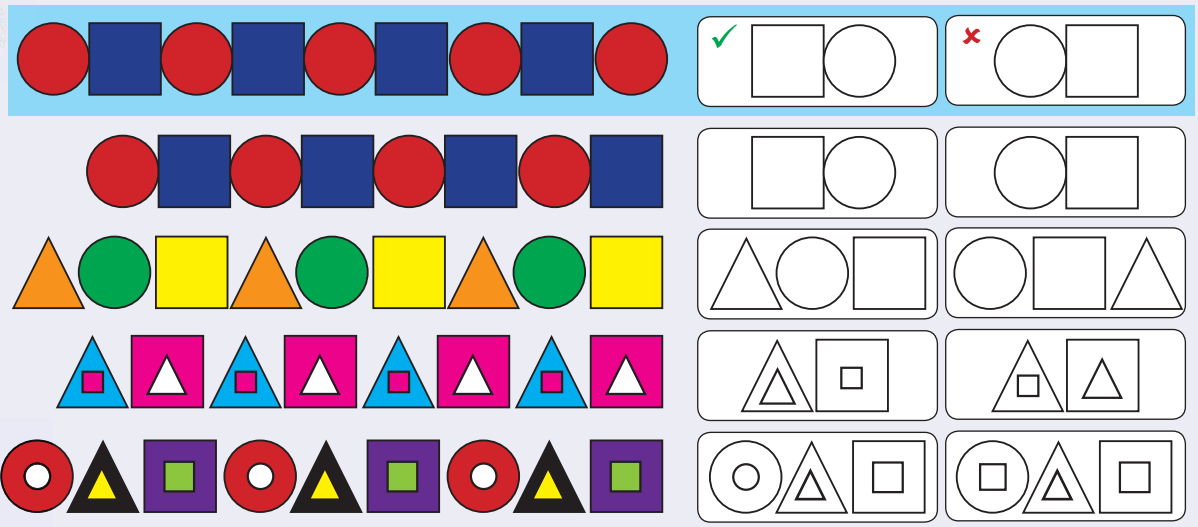
Phetheni dziṅwe hafhu

1 Ṭalutshedzani phetheni iṅwe na iṅwe nga maipfi. Maipfi aya a re afho fhasi a nga ni thusa.

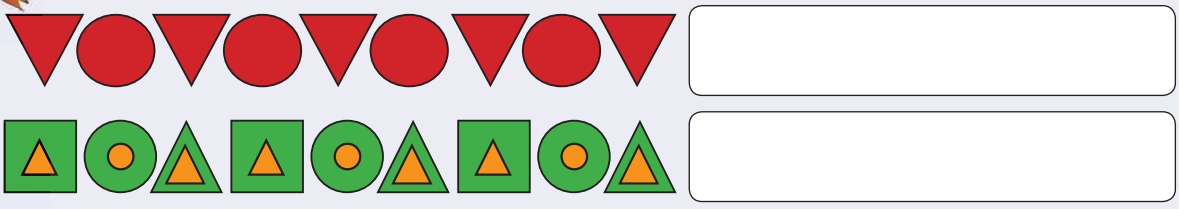


rekithiengele | tshikwea | thiraiengele | tshitengeledzi | mivhala

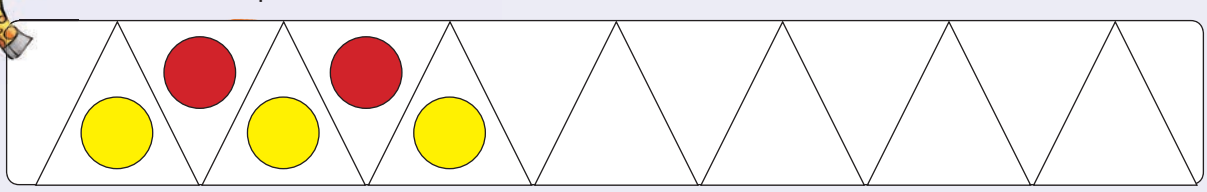
2 Nangani ni khaḽare phetheni i no tevhela.



3 Olani phetheni i tevhelaho.

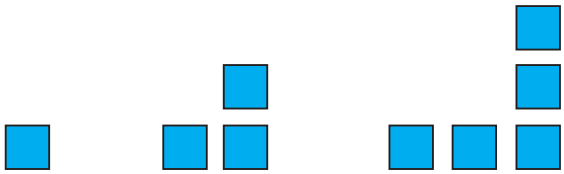


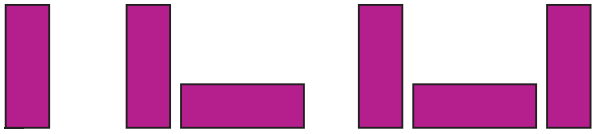
4 Ṭharamudzani phetheni.



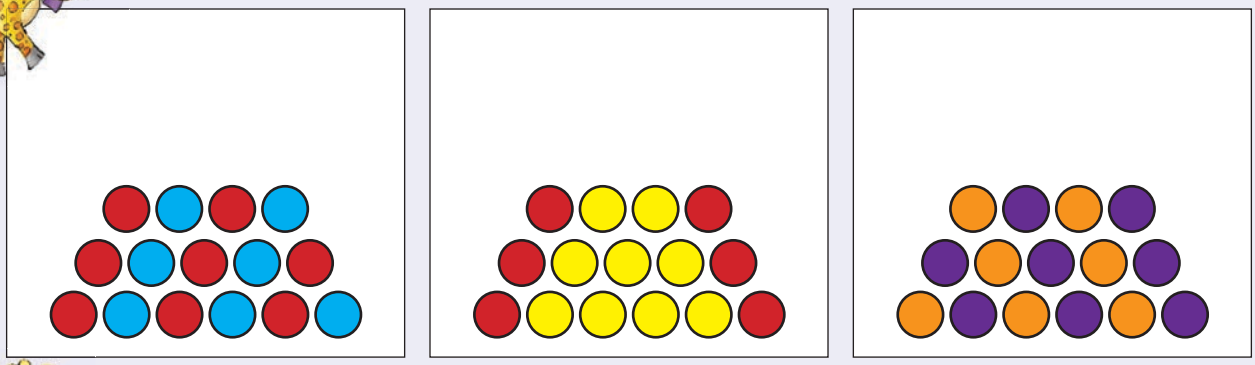
Olani phetheni dza inwi muṋe ni tshi shumisa.

Olani phetheni i tevhelaho.

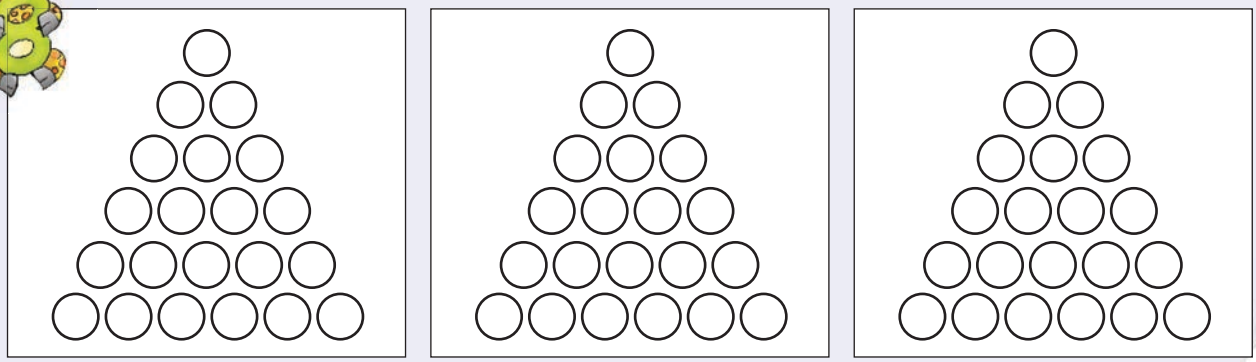




Fhedzisani zwi tevhelaho uri ni vhe na tshitendeledzi tshithihi nṱha.



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



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Deithi:

Muandiso: × 2

Hu na maḽegere mangana kha ṱafula iṅwe na iṅwe?

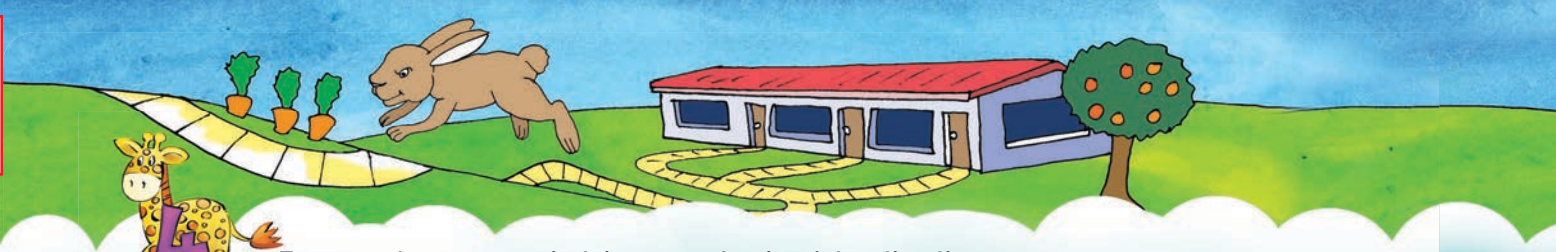
No vhalisa hani maḽegere
(Vhaṅwe vhana vha nga ri I, 2, 3...
Vhaṅwe vha nga ri 2, 4, 6...)

Fhedzisani zwi tevhelaho.

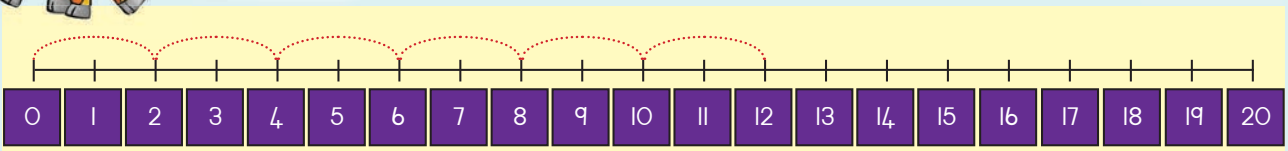
zwigwada zwa 4 zwa 2	2 + 2 + 2 + 2 = 8	4 × 2 = 8
zwigwada zwa 5 zwa 2	2 + 2 + 2 + 2 + 2 =	5 × 2 =
zwigwada zwa 6 zwa 2	2 + 2 + 2 + 2 + 2 + 2 =	6 × 2 =
zwigwada zwa 7 zwa 2	2 + 2 + 2 + 2 + 2 + 2 + 2 =	7 × 2 =
zwigwada zwa 8 zwa 2	2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =	8 × 2 =

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 ṅwale phindulo afho f'hasi.



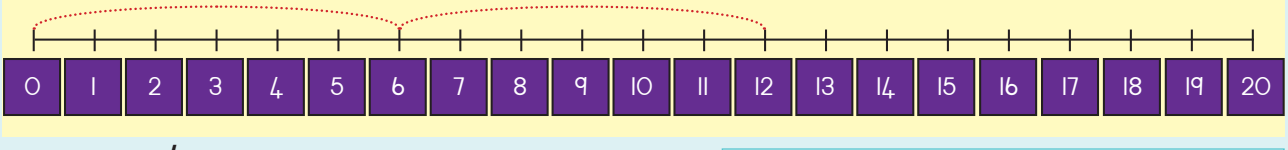
2, 4, 6, 8, ___ , ___

2 + 2 + 2 + 2 + 2 + 2 = ☐

zwigwada zwa 6 zwa 2 = ☐

6 × 2 = ☐

Nyolo



6, ___

6 + ☐ = ☐

zwigwada zwa 2 zwa ☐ = ☐

2 × ☐ = ☐

Nyolo

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

☐

2 4 6 8 10 12 14

16 18 20 22 24 26

Teacher:
Sign:
Date:

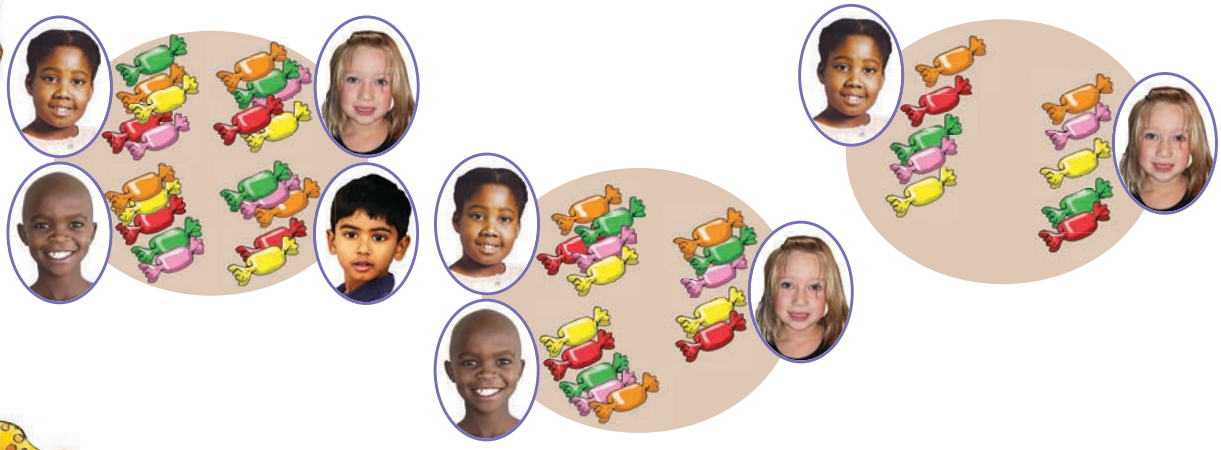
11 12 13 14 15 16 17 18 19 20

30

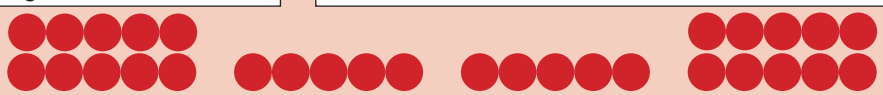
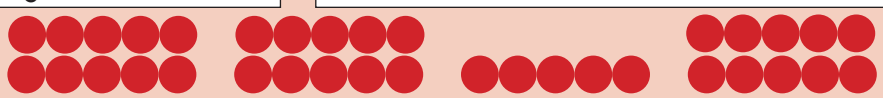
Deithi:

Muandiso: × 5

1 Hu na maḽegere mangana kha ṱafula iṅwe na iṅwe?

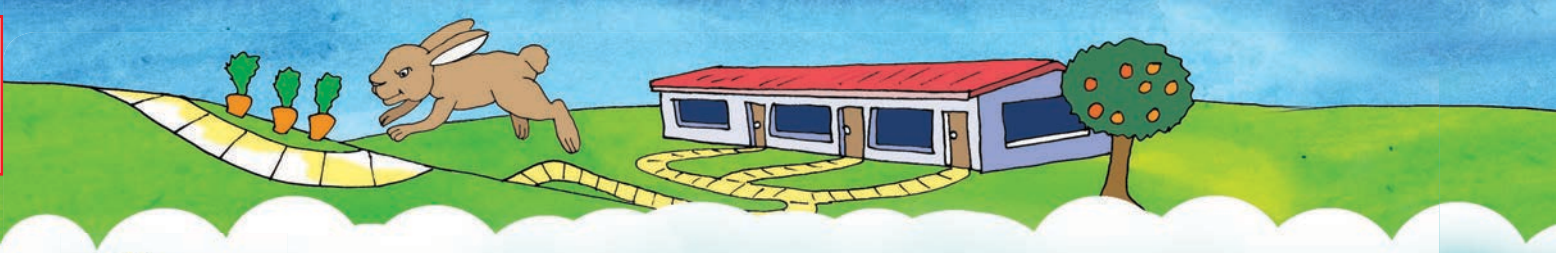


2 Fhedzisani zwi tevhelaho.

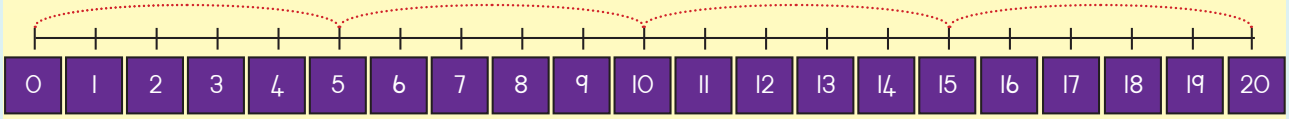
zwigwada zwa 3 zwa 5	5 + 5 + 5 = 15	3 × 5 = 15
zwigwada zwa 2 zwa 5	5 + 5 =	2 × 5 =
zwigwada zwa 4 zwa 5	5 + 5 + 5 + 5 =	4 × 5 =
 zwigwada zwa 6 zwa 5	5 + 5 + 5 + 5 + 5 + 5 =	6 × 5 =
 zwigwada zwa 7 zwa 5	5 + 5 + 5 + 5 + 5 + 5 + 5 =	7 × 5 =

3 Itani nyolo ya zwi tevhelaho.

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



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



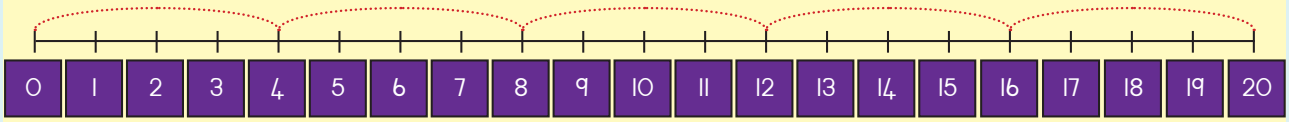
5, 10, 15, ___

5 + 5 + 5 + 5 = ☐

zwigwada zwa 4 zwa 5 = ☐

4 × 5 = ☐

Nyolo



4, 8, 12, ___, ___

4 + 4 + 4 + 4 + 4 = ☐

zwigwada zwa 5 zwa 4 = ☐

5 × 4 = ☐

Nyolo

5 10 15 20 25 30

35 40 45 50

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

31

Deithi:

Zwiṱori zwa muandiso

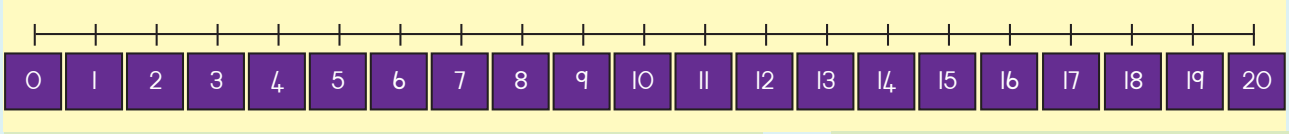
Itani nganetshelo yaṋu inwi muṋe ni tshi khou shumisa tshivhalo tshoṱhe tsha ṋdevhe, zwanḓa na ṋayo.

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

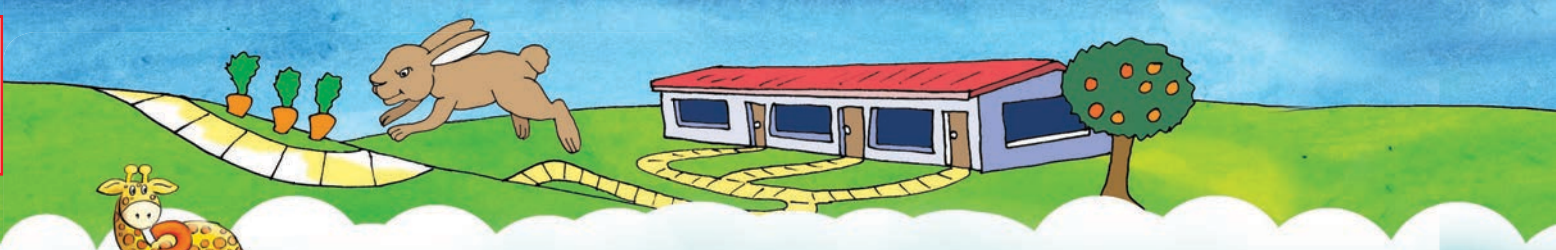
Sumbedzani nga zwivhaleli.

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.



____ + ____ = ____ ____ × ____ = ____

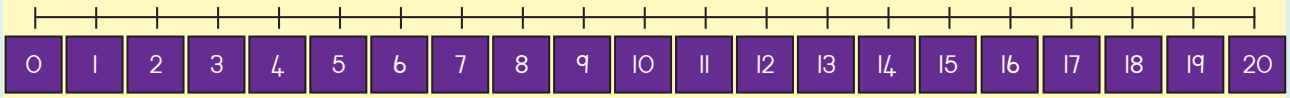


Muṱa wa Susan u na phere dza 10 dza zwienda. Vha na zwienda zwingana?

Olani

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.



\+ = × =

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

5 10 15 20 25 30 35

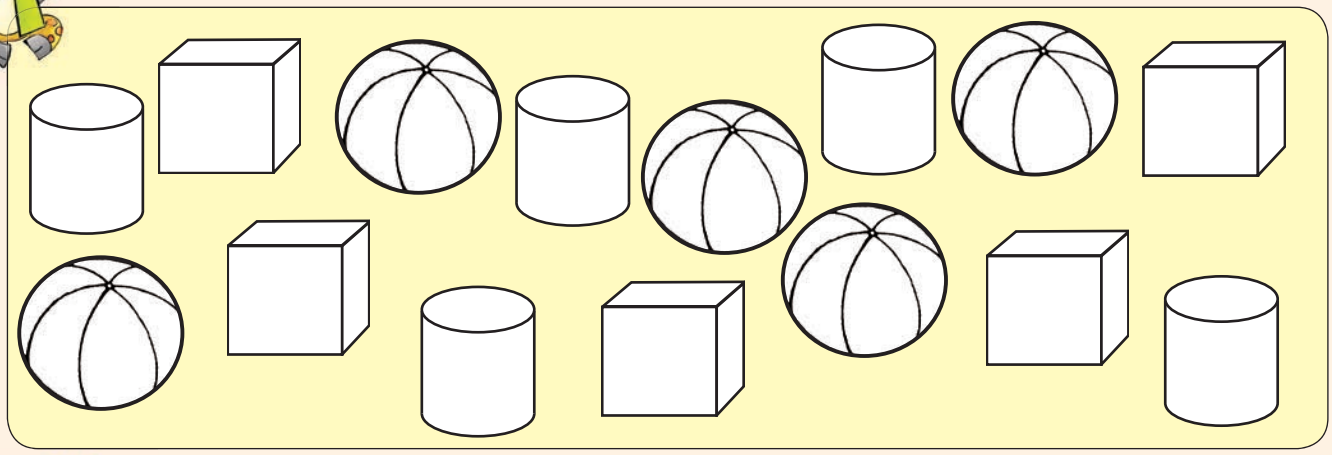
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

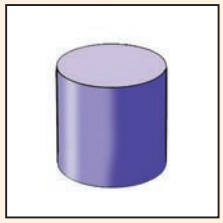
Deithi:

Zwithu zwa siararu (3-D)

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

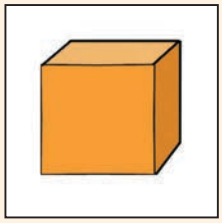


Nangani ipfi ḽone.



matungo a tswititi

matungo a kheve

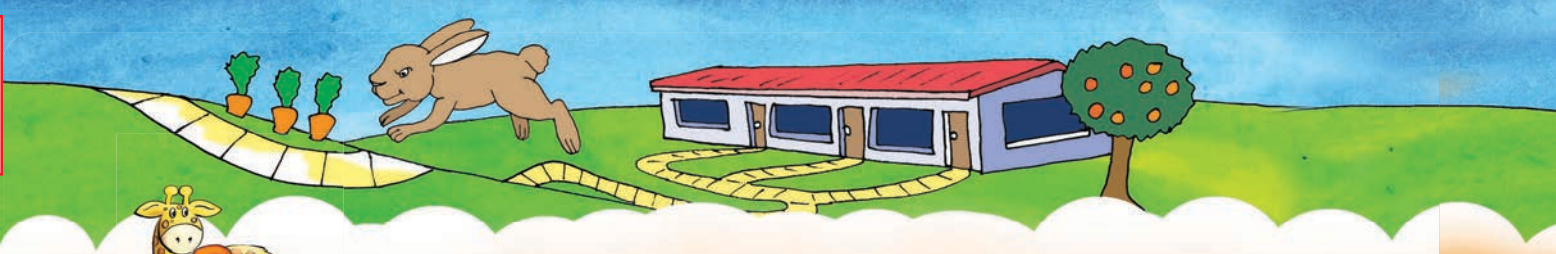


matungo a tswititi

matungo a kheve

matungo a tswititi

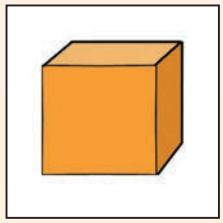
matungo a kheve



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

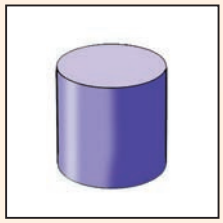
suvha

kunguluwa



suvha

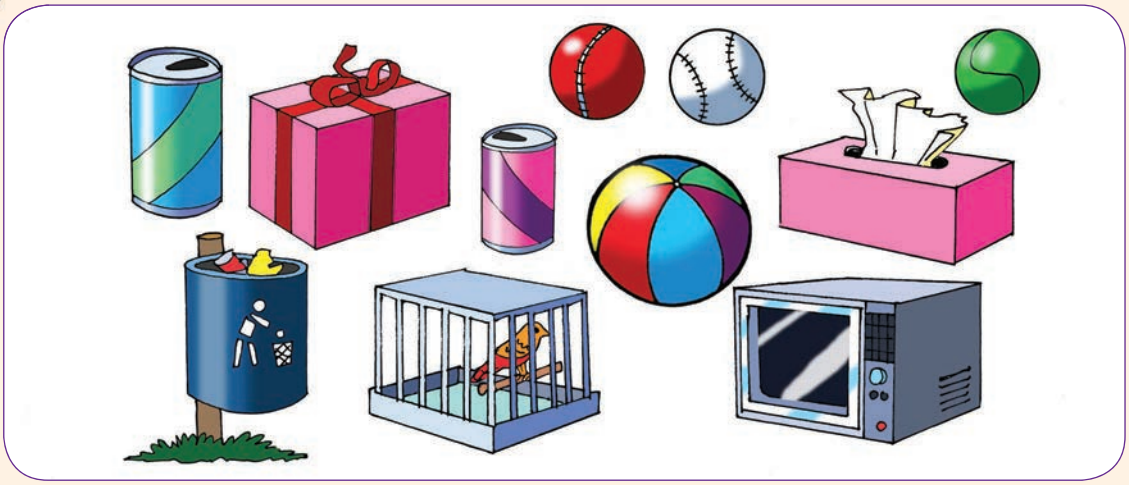
kunguluwa

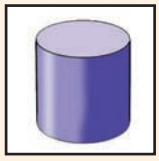


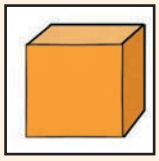
suvha

kunguluwa

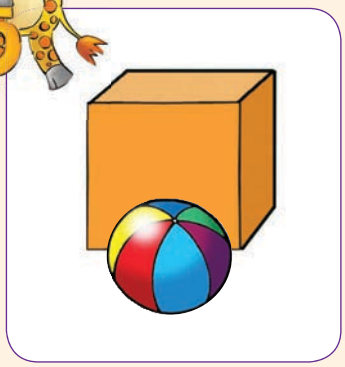
4 Ndi zwingana zwa izwi zwithu zwine na kona u zwi vhona tshifanyisoni itsho: siḽinda, zwibogisi, bola?





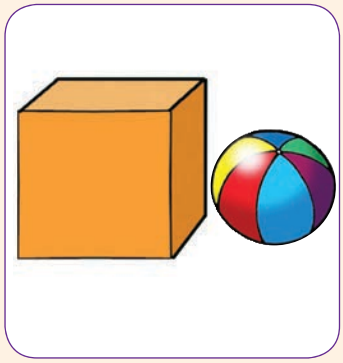


5 Bola i ngafhi? I nga phanḓa ha bogisi? Nga matungo? Nga murahu? Nga nṱha?



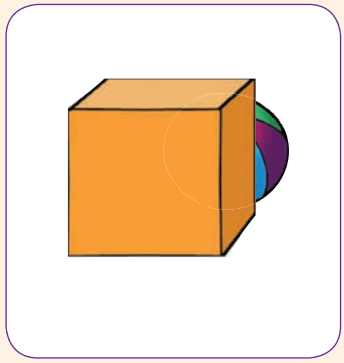
nga phanḓa ha _____ nga matungo a _____

nga murahu ha _____ nṱha ha _____



nga phanḓa ha _____ nga matungo a _____

nga murahu ha _____ nṱha ha _____



nga phanḓa ha _____ nga matungo a _____

nga murahu ha _____ nṱha ha _____

Teacher:

Sign:

Date:

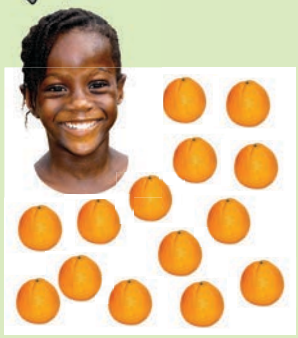
11 12 13 14 15 16 17 18 19 20

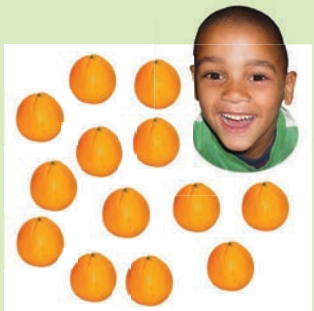
33

Deithi:

Vhekanyani nomboro ni dzi vhambedze: 1 – 40

Ndi nnyi a re na maswiri manzhi?





Ndi nnyi a re na maapula manzhi?

Vhalani vhulungu ni ḓadze zwibogisi zwi si na tshithu.

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

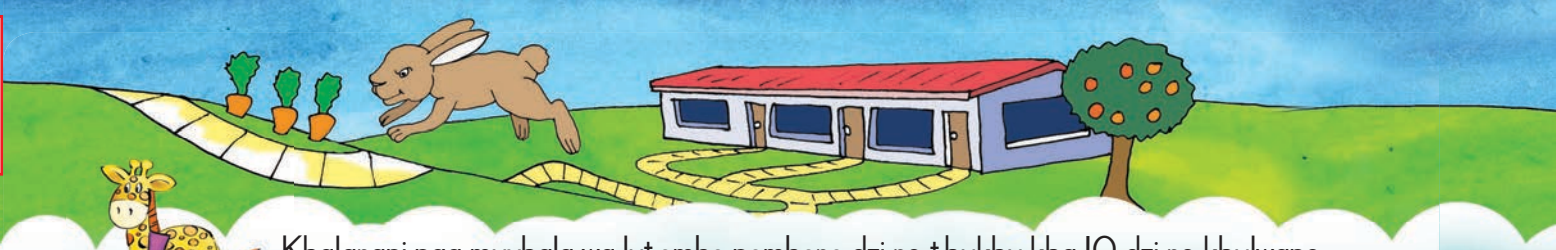
Lavhelesani vhulungu ni fhindule mbudziso.

Ndi nomboro ifhio i re ṱhukhu kha 8? ____

Ndi nomboro ifhio i re khulwane kha 13? ____

Ndi nomboro ifhio i re ṱhukhu kha 20? ____

Ndi nomboro ifhio i re ṱhukhu kha 24? ____



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

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

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

20	21	22	23	24	25	26	27	28	29	30

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

30	31	32	33	34	35	36	37	38	39	40

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

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

Ndi nomboro ifhio ya odo i no tevhela 10?

Ndi nomboro ifhio ya ivini i no tevhela 10?

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

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

Ndi nomboro ifhio ya odo dzi no tevhela 21?

Ndi nomboro ifhio ya ivini dzi tevhela 24?

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

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

Teacher:
Sign:
Date:

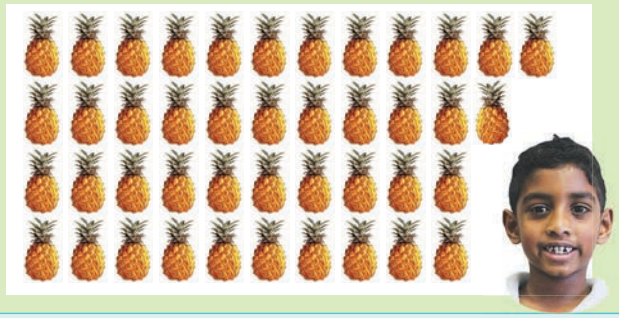
11 12 13 14 15 16 17 18 19 20

Deithi:

.....

Vhekanyani nomboro ni dzi vhambedze: 40 – 50

1 Ndi nnyi a re na zwienge zwinzhi? kana



2 Vhalani vhulungu ni ḓadze zwibogisi zwi si na tshithu.

1	2	3	4	5					
								19	
							28		

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

3 Lavhelesani vhulungu ni fhindule mbudziso.

Ndi nomboro ifhio i re ṱhukhu kha 3? ☐

Ndi nomboro ifhio i re khulwane kha 31? ☐

Ndi nomboro ifhio i re ṱhukhu kha 38? ☐

Ndi nomboro ifhio i re ṱhukhu kha 47? ☐

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

30	31	32	33	34	35	36	37	38	39	40

Nomboro dzi re ṱhukhu kha 40.

Nomboro dzi re khulwane kha 36.

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

40	41	42	43	44	45	46	47	48	49	50

Ndi nomboro ifhio ya odo i no tevhela 40?

Ndi nomboro ifhio ya ivini i no rangela 43?

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

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

Ndi nomboro ifhio ya odo i no rangela 40?

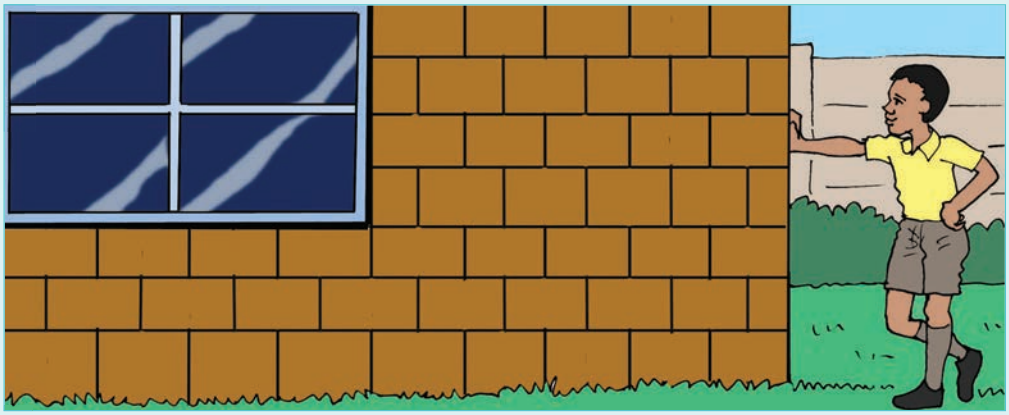
Ndi nomboro ifhio ya ivini i no tevhela 41?

Teacher:
Sign:
Date:

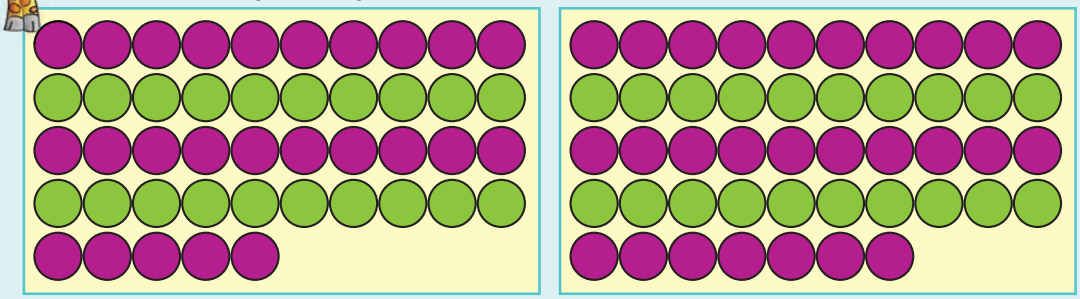
11 12 13 14 15 16 17 18 19 20

Deithi:

Nomboro 40 – 50



Ndi vhulungu vhungana he na vhala?

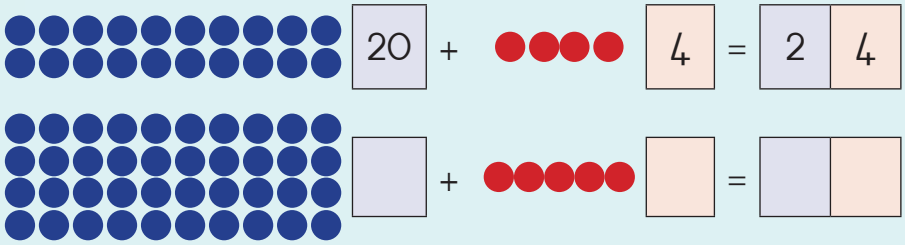


Nomboro	Ri nga i ṅwala sa:	Nomboro	Ri nga i ṅwala sa:
45	40 + 5 = 45		+ =

Fhedzisani zwi tevhelaho.

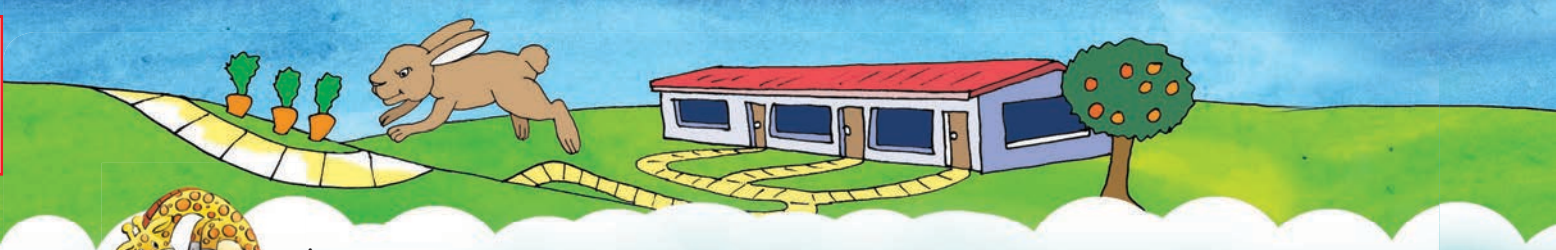
20	21	22							
30				34					
		42							

Fhedzisani zwi tevhelaho.



20 + 4 = 24

+ =



5 Ṅwalani maipfi a.

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

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

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

7 Ṅwalani nomboro yone kha kho̱lomo yone.

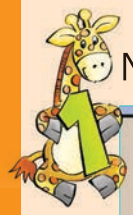
	Mahumi	Yuniti
27		
34		
46		
41		
39		

Teacher:
Sign:
Date:

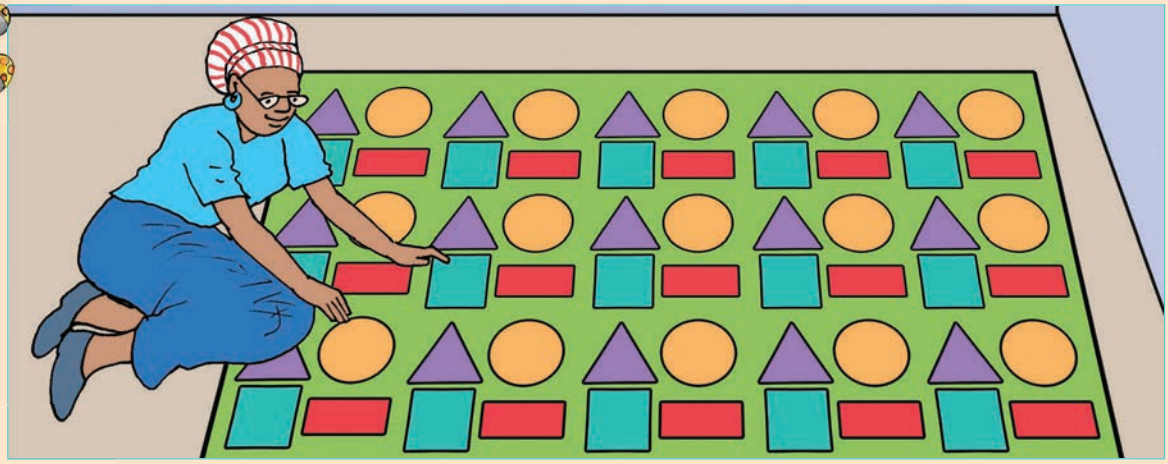
11 12 13 14 15 16 17 18 19 20

Deithi:

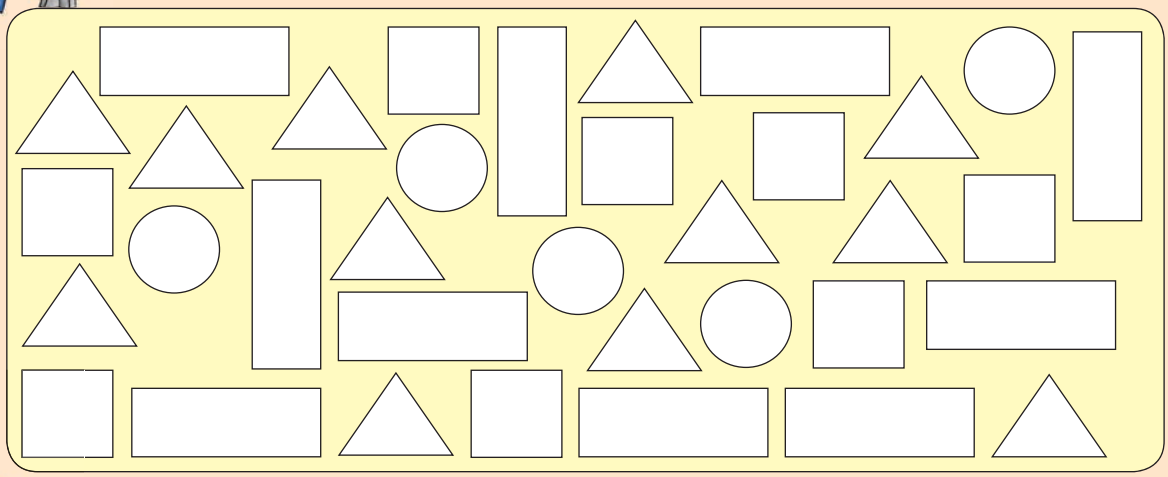
Zwikwea, rekithiengele, thiraiengele na zwitendeledzi



Makhulu vho ita khwiḽithi yo nakaho. Ṱalusani zwivhumbeo zwoṱhe.



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



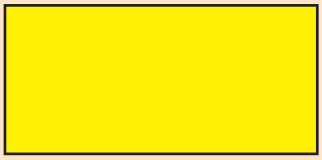
Nangani ni ole phindulo yone.

matungo a tswititi

matungo a tshipulumbu

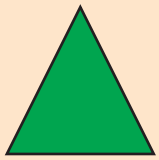
matungo a tswititi

matungo a tshipulumbu



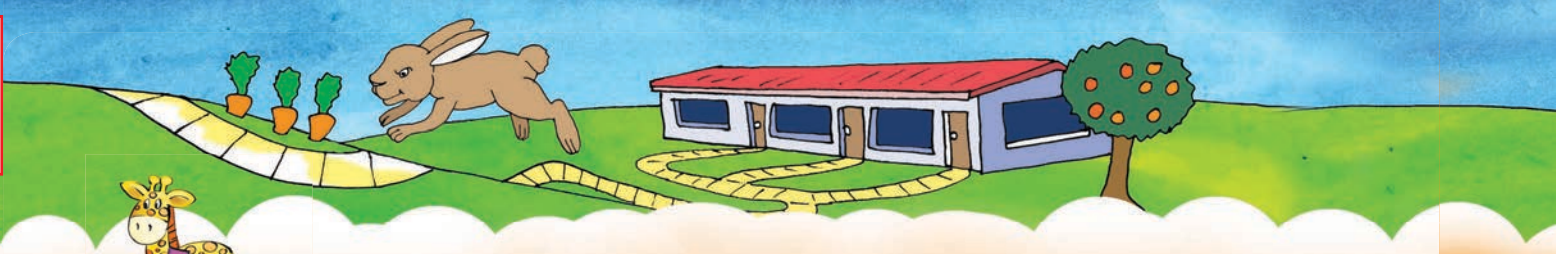
matungo a tswititi

matungo a tshipulumbu

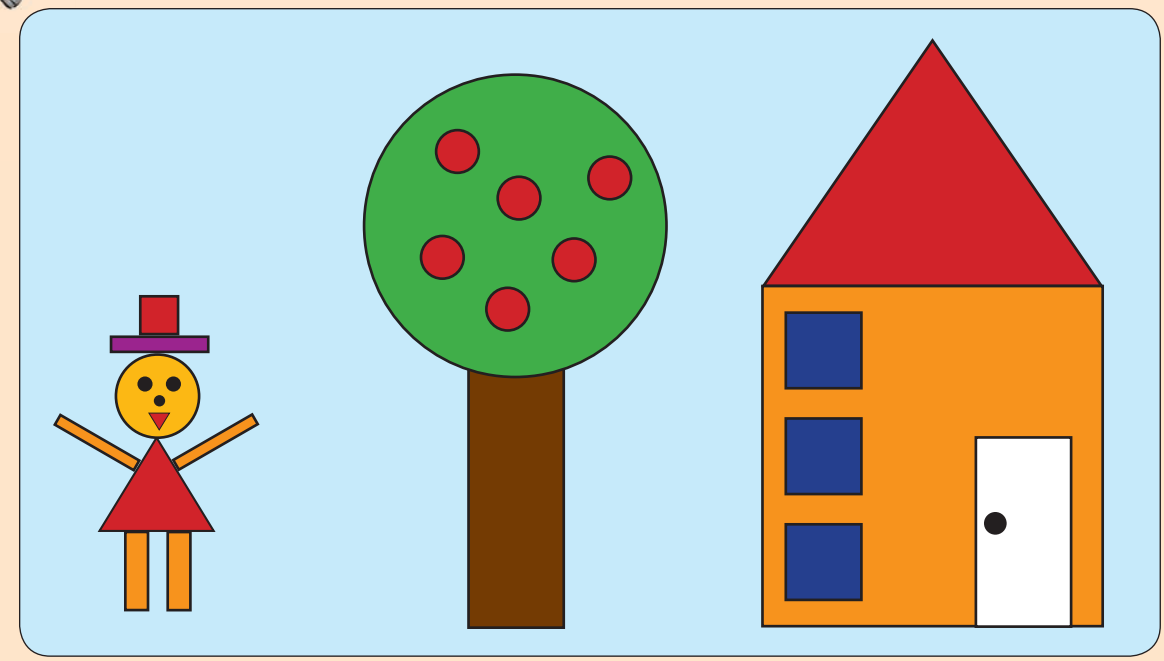


matungo a tswititi

matungo a tshipulumbu



Ndi ● ■ ▲ na ▬ zwingana zwe na vhala?



● ▢ ■ ▢ ▲ ▢ ▬ ▢

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

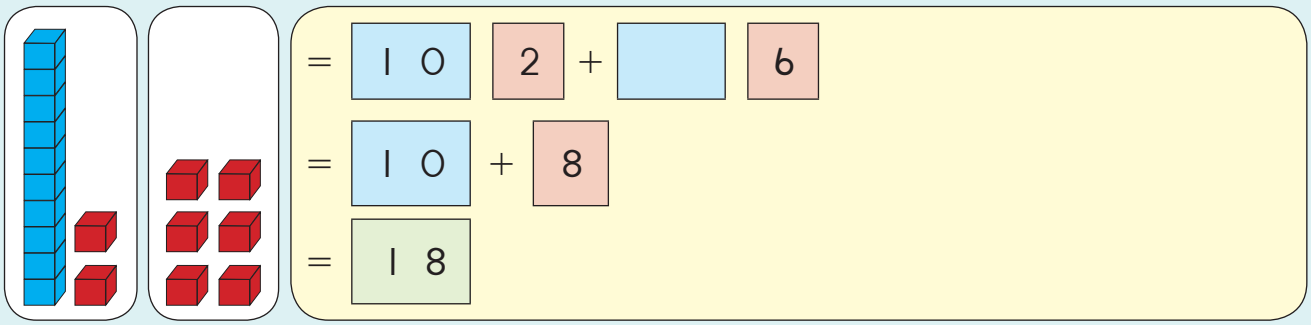
Deithi:

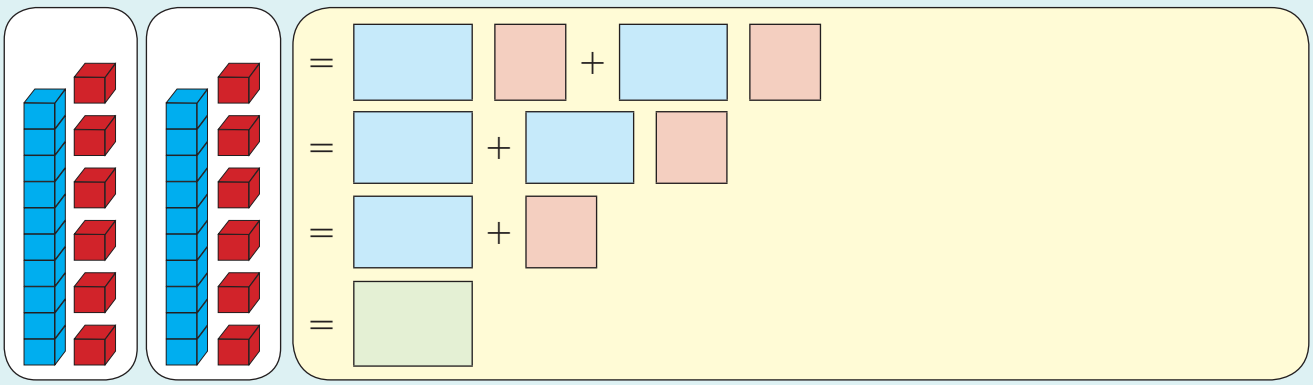
Mu̱tanganyo na mu̱tuso u swika kha 20

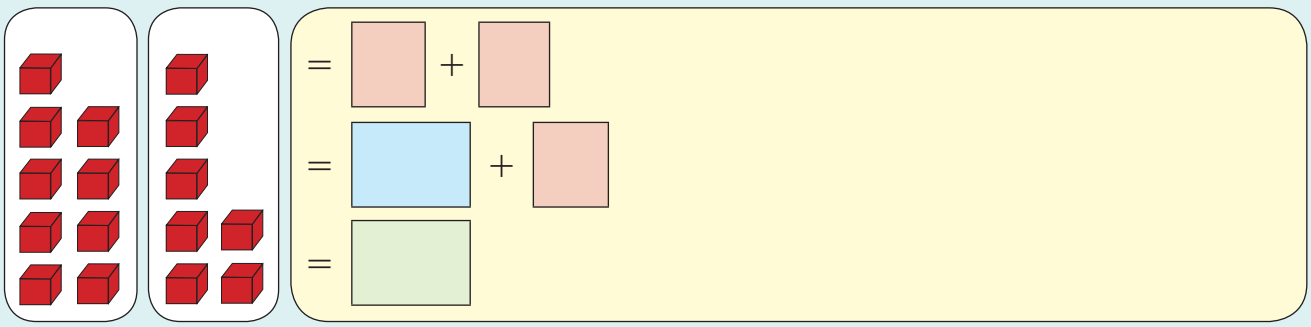
U elelwa nga u ṱavhanya.

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 =

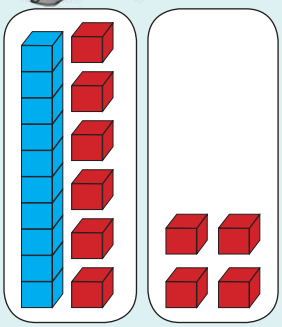
Ṱanganyani zwi tevhelaho.







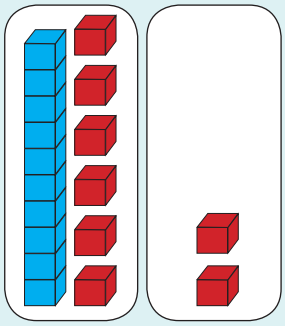
3 Ṭusani zwi tevhelaho.



= 10 6 − 4

= 10 − 2

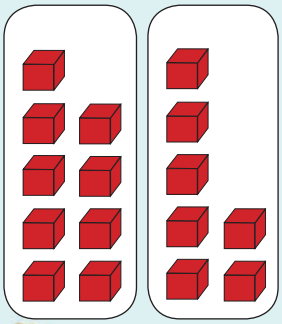
= 8



= ☐ ☐ − ☐ ☐

= ☐ + ☐

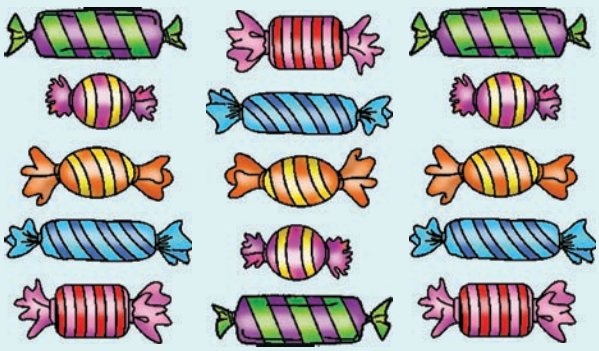
= ☐



= ☐ − ☐

= ☐

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



Teacher:
Sign:
Date:

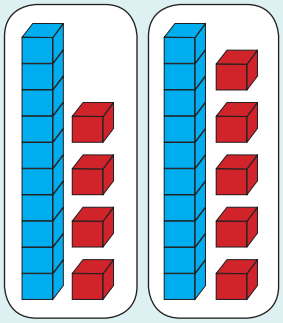
Deithi:

Mu̱tanganyo na mu̱tuso u swika kha 50

U elelwa nga u ṱavhanya.

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

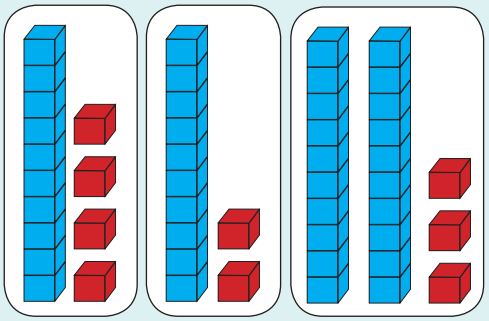
Ṱanganyani zwi tevhelaho.



= + +

= +

=



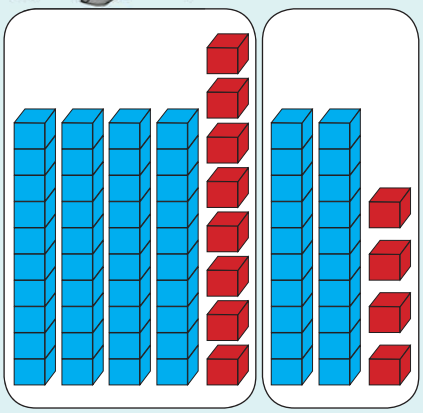
= + + +

= +

=

Zwino edzisanivho ndila yaṋu.

3 Ṱusani zwi tevhelaho.

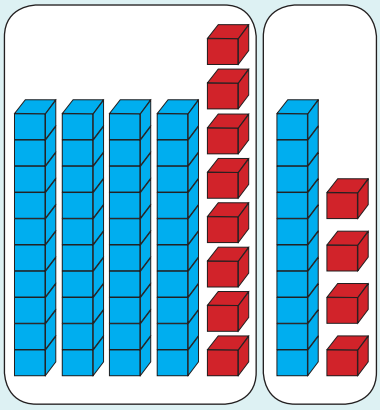


= 40 8 − 20 4

= 40 − 20 + 8 − 4

= 20 + 4

= 24

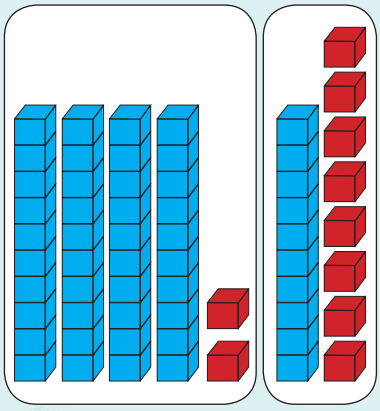


= ☐ ☐ − ☐ ☐

= ☐ − ☐ + ☐ − ☐

= ☐ + ☐

= ☐



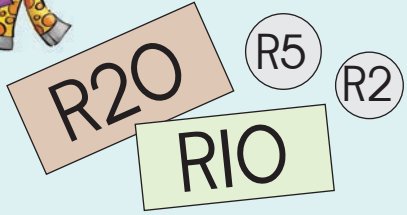
= ☐ ☐ − ☐ ☐

= ☐ − ☐ + ☐ − ☐

= ☐ − ☐

= ☐

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



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

39a

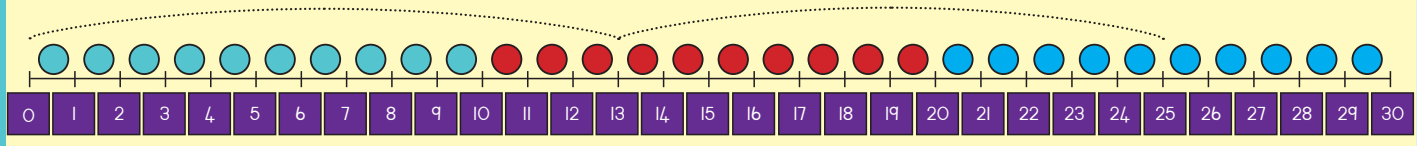
Deithi:

Mutanganyo munwe hafhu

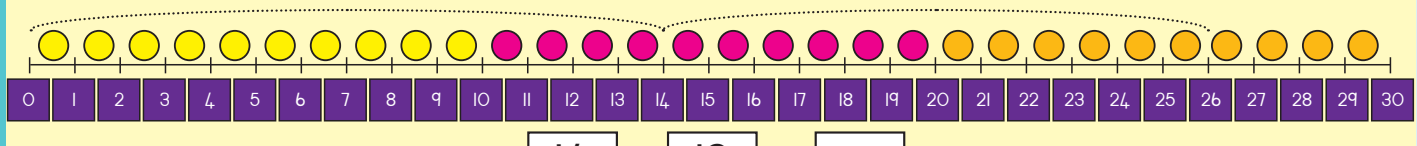
Tanganyani nomboro dzi re tshibulokoni tshinwe na tshinwe ni nwale thanganyelo.

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

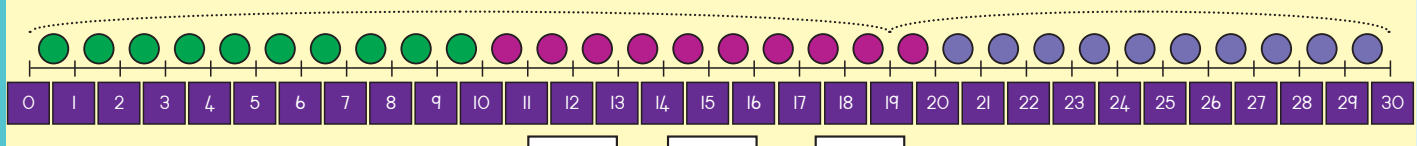
Tanganyani.



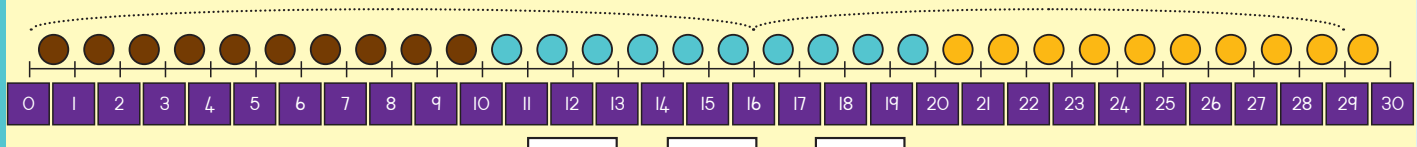
13 + 12 = ☐



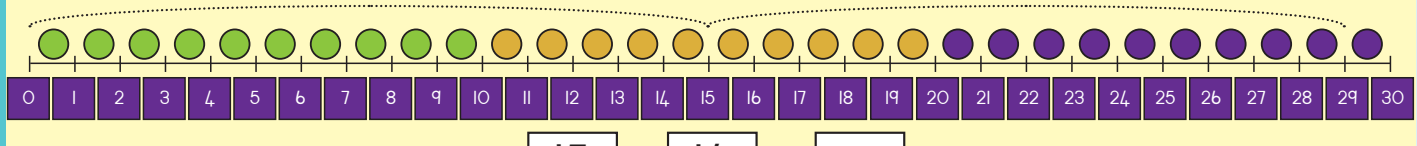
14 + 12 = ☐



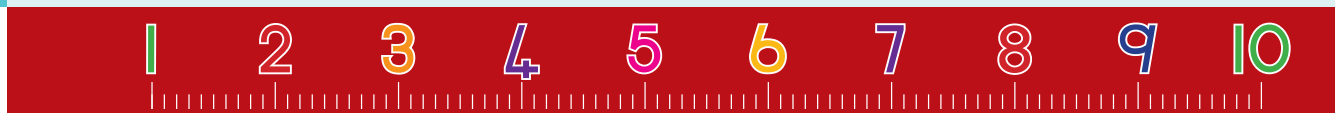
19 + 11 = ☐

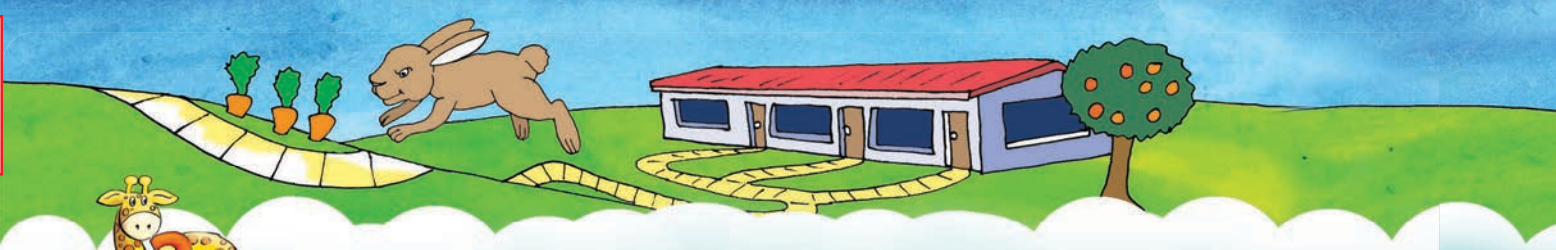


16 + 13 = ☐



15 + 14 = ☐





Ṱanganyani.

12 + 11

= 10 2 + 10 1

= 10 + 10 + 2 + 1

= 20 + 3

= 23

13 + 15

= ☐ ☐ + ☐ ☐

= ☐ + ☐ + ☐ + ☐

= ☐ + ☐

= ☐

26 + 12

= ☐ ☐ + ☐ ☐

= ☐ + ☐ + ☐ + ☐

= ☐ + ☐

= ☐

23 + 22

= ☐ ☐ + ☐ ☐

= ☐ + ☐ + ☐ + ☐

= ☐ + ☐

= ☐

24 + 13

= ☐ ☐ + ☐ ☐

= ☐ + ☐

= ☐

35 + 12

= ☐ ☐ + ☐ ☐

= ☐ + ☐

= ☐

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

Teacher:
Sign:
Date:

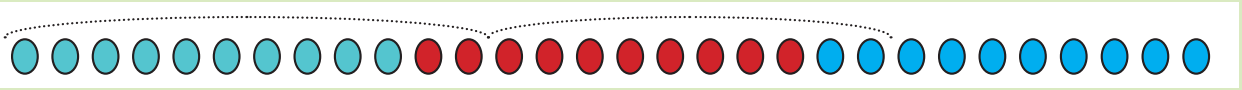
39b

Deithi:

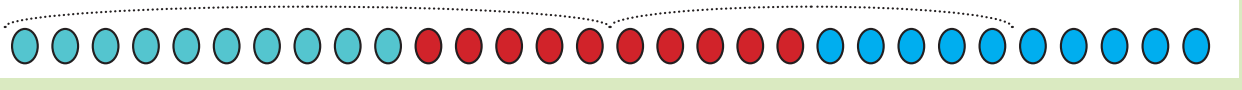
Muṱanganyo muṅwe hafhu

1 Ṅwalani ṱhanganyelo.

12 + 10 = ☐

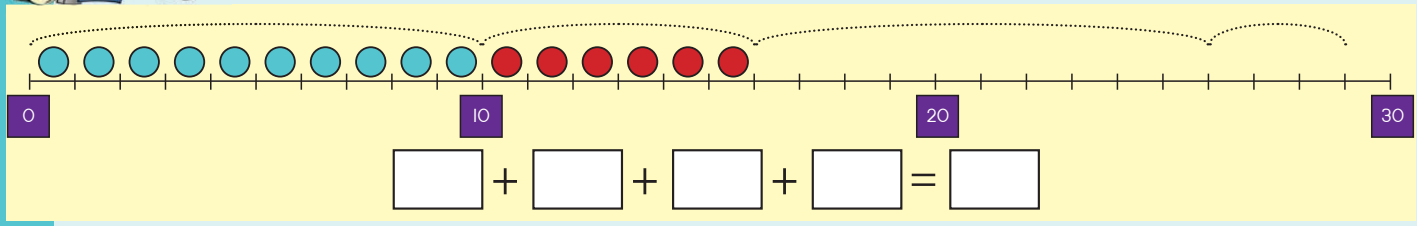


15 + 10 = ☐

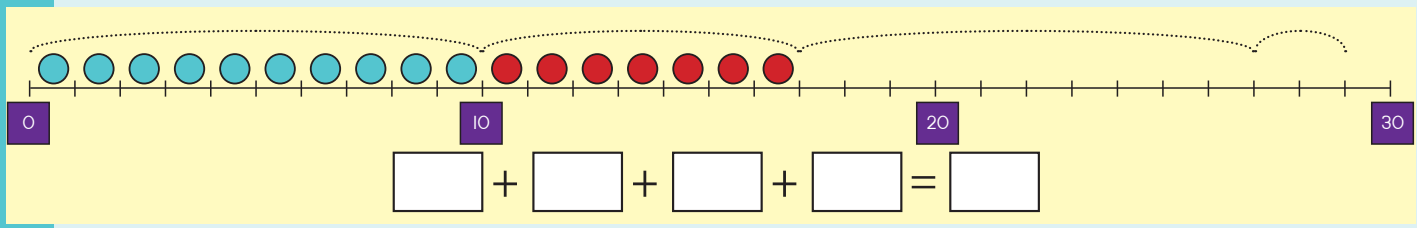


19 + 10 = ☐

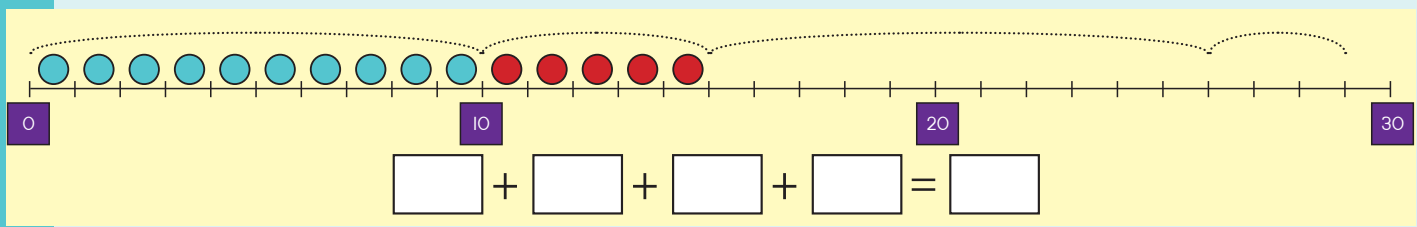
2 Olani vhuṅwe vhulungu hoṱhe ni fhedzise ṱhanganyelo.



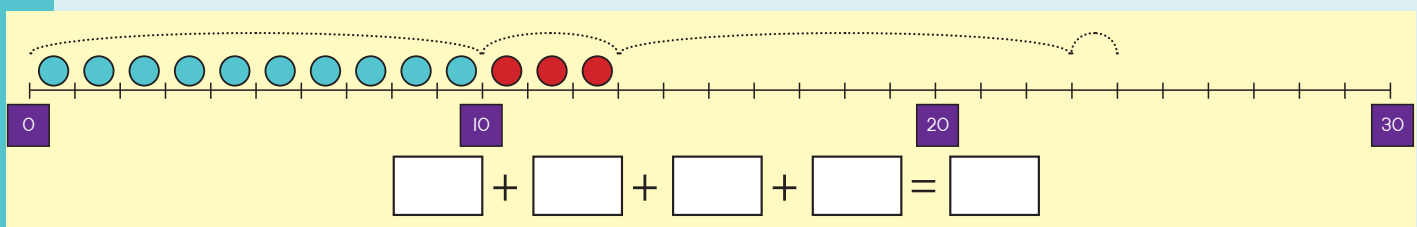
☐ + ☐ + ☐ + ☐ = ☐



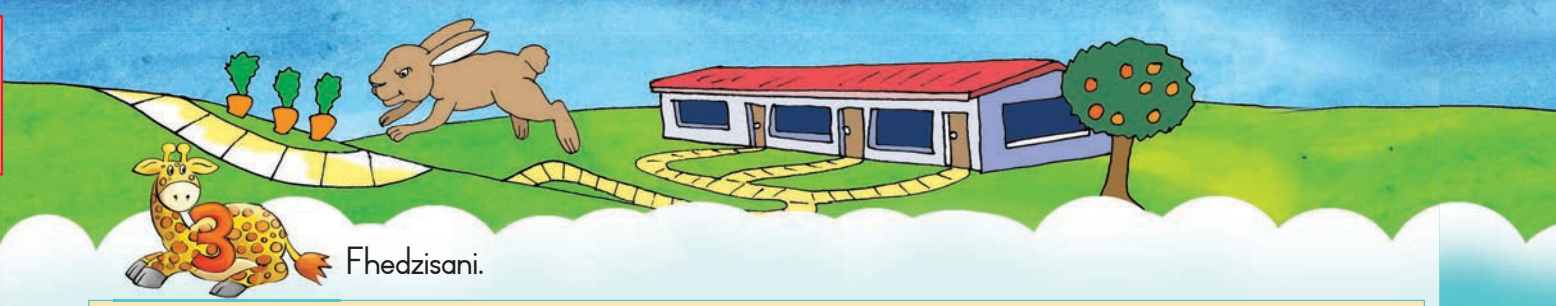
☐ + ☐ + ☐ + ☐ = ☐



☐ + ☐ + ☐ + ☐ = ☐



☐ + ☐ + ☐ + ☐ = ☐



Fhedzisani.

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

Ṱanganyani.

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

Ṱhanganyelo ya 27 na 26 ndi? ☐

Olani tshifanyiso ni tshi sumbedza phindulo yaṋu.

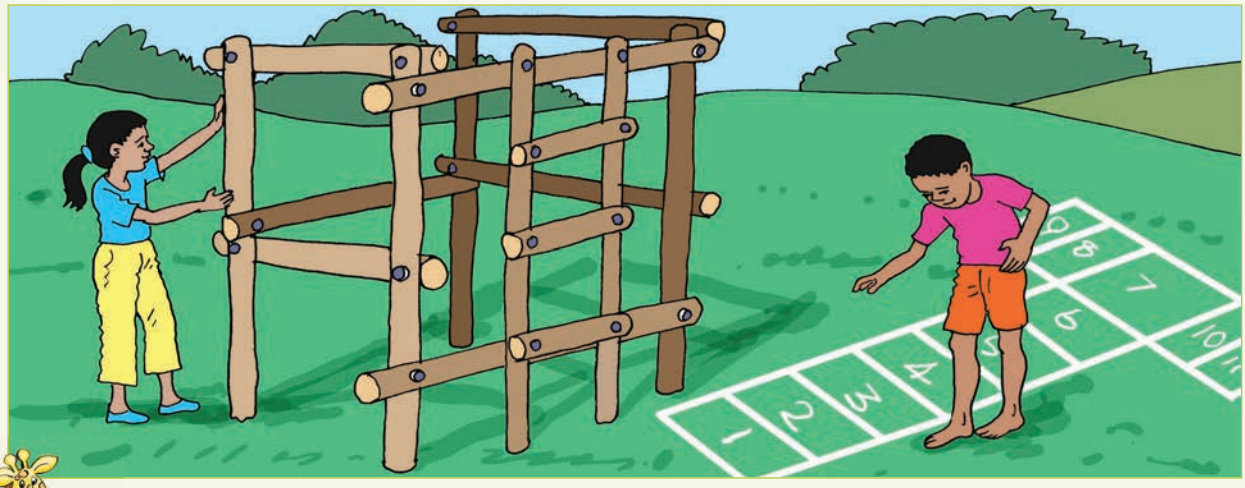
Itani mbalo ya maipfi ya inwi muṋe ni tshi shumisa zwifanyiso.

Teacher:
Sign:
Date:

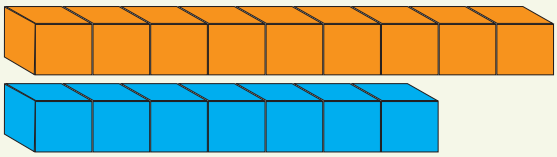
11 12 13 14 15 16 17 18 19 20

Deithi:

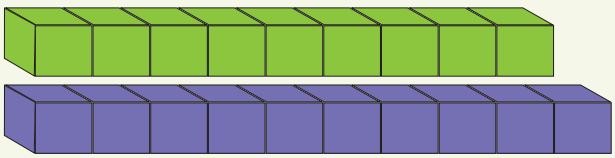
Vhulapfu



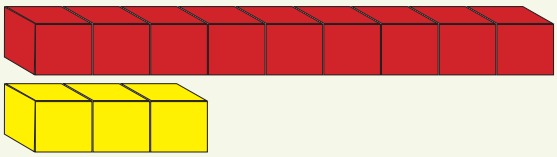
Khaḽarani phindulo yone ni tshi sumbedza uri miduba (rou) iyi ndi mipfufhi kana ndi milapfu naa, milapfu (vhunavha), kana yo nṱama kana yo sekena naa. Khaḽarani phindulo yaṋu nga muvhala muthihi na wa zwibuḽoko.



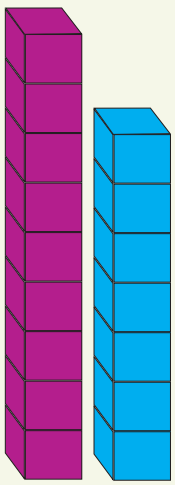
pfufhi ndapfusa



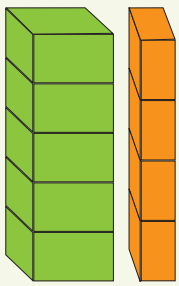
pfufhi ndapfusa



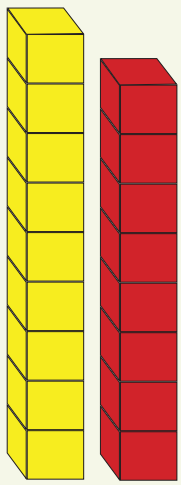
pfufhi ndapfusa



pfufhi ndapfusa



a ṱamesa sekenesa



pfufhi ndapfusa

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

mupfufhi | mulapfu

mupfufhi | mulapfu

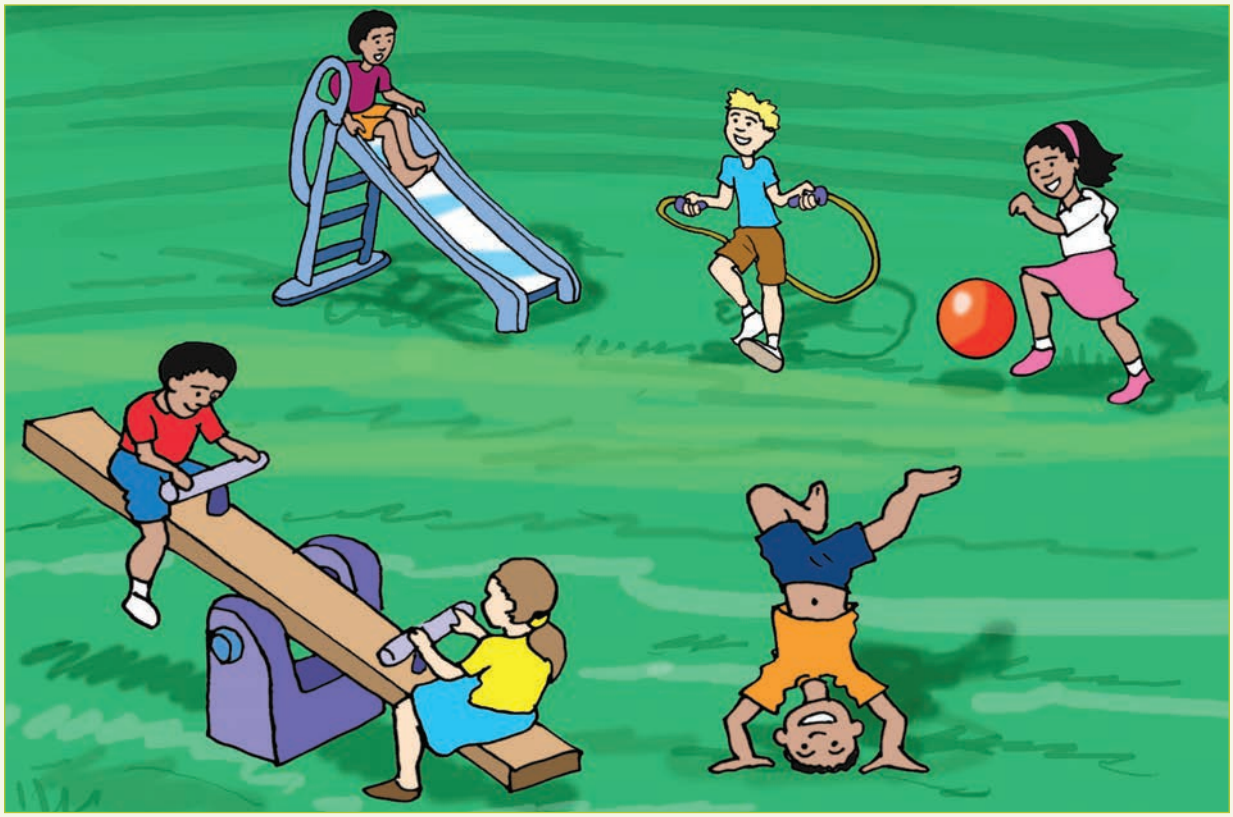
mupfufhi | mulapfu

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

Luvhanḓe lwo lapfa lungafhani nga vhulapfu ha zwanḓa.

Luvhanḓe lwo lapfa lungafhani nga vhulapfu ha ṋayo.

vhulapfu



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

41

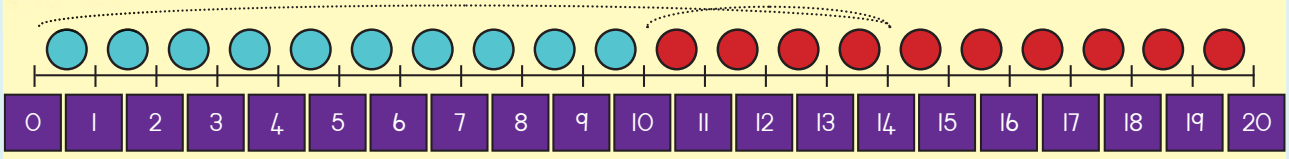
Deithi:

Muṱuso muṅwe hafhu

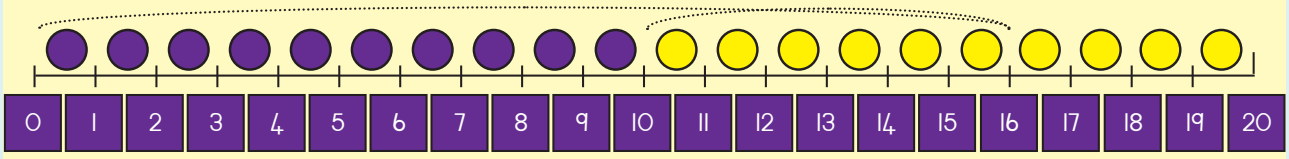
Livhanyani magaraṱa na mbalo dza muṱuso.

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

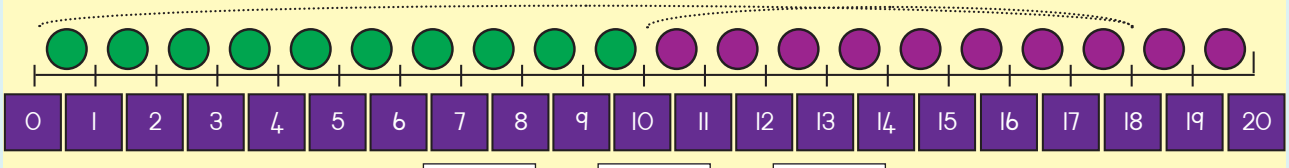
Shumisani mutalombalo. Ṅwalani mbalo ya muṱuso.



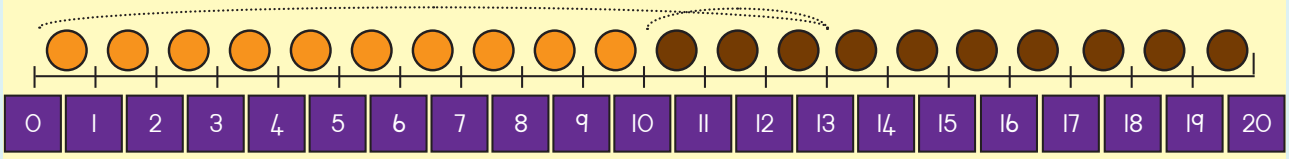
14 − 4 = 10



□ − □ = □



□ − □ = □



□ − □ = □

Tusani.

10	3	−	3	=			
10	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?

Teacher:
Sign:
Date:

42a

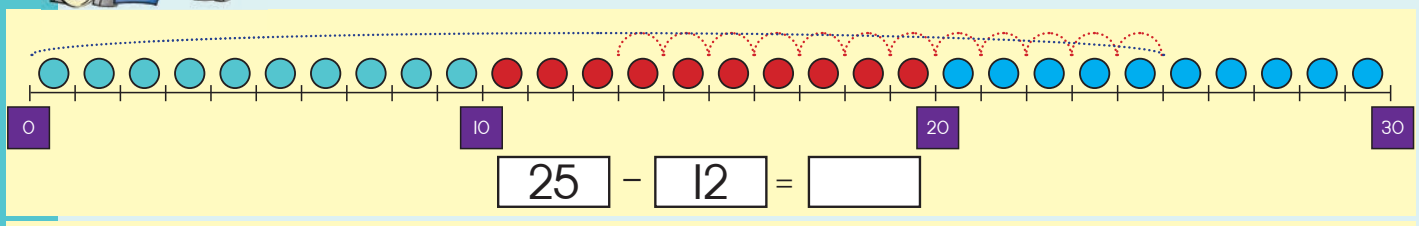
Deithi:

Muṱuso munzhi

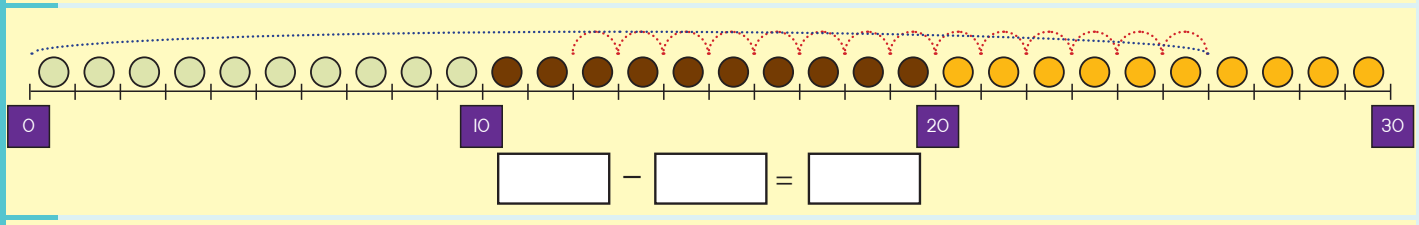
Ṱusani nomboro dzi re nga fhasi kha nomboro dzi re nga ntha.

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

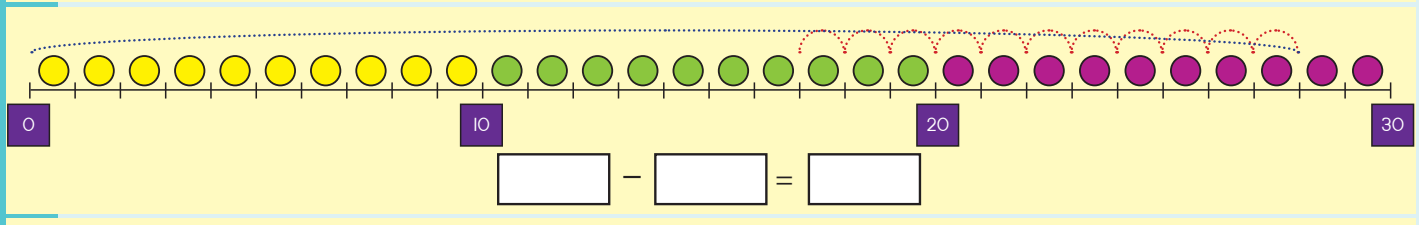
Shumisani mutalombalo. Ṅwalani mbalo ya muṱuso.



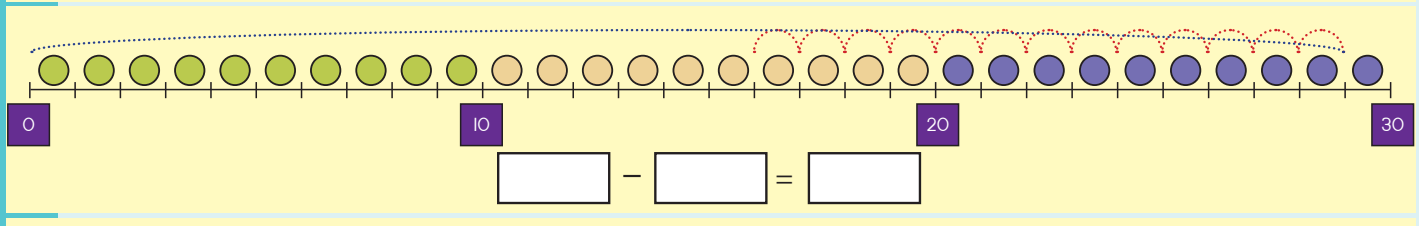
25 − 12 = ☐



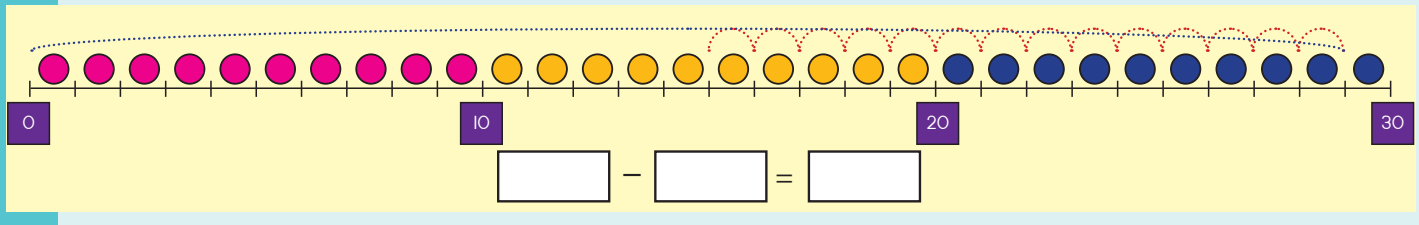
☐ − ☐ = ☐



☐ − ☐ = ☐



☐ − ☐ = ☐



☐ − ☐ = ☐

Tusani.

45 – 23

= 40 5 – 20 3

= 40 – 20 + 5 – 3

= 20 + 2

= 22

38 – 16

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

29 – 14

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

48 – 11

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

35 – 23

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

38 – 15

= ☐☐ – ☐☐

= ☐☐ – ☐☐ + ☐☐ – ☐☐

= ☐☐ + ☐☐

= ☐☐

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

42b

Deithi:

Muṅwe muṱuso hafhuhafhu

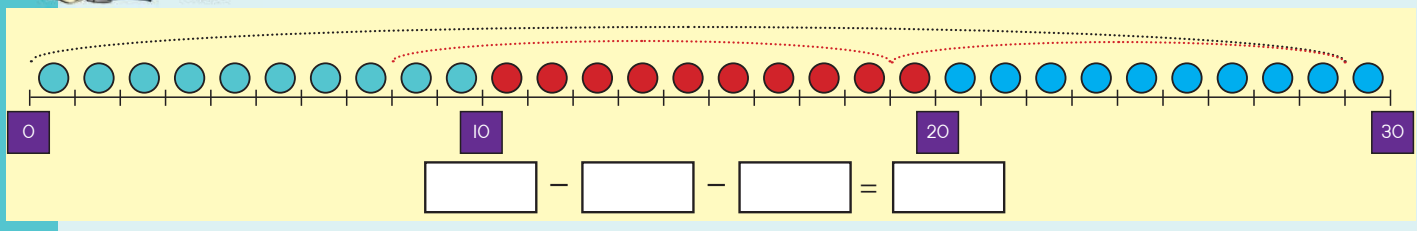
1 Ṱhanganyelo ya tshibuḽoko tshiṅwe na tshiṅwe ndi mini?

2 2 − 1 0 = ☐

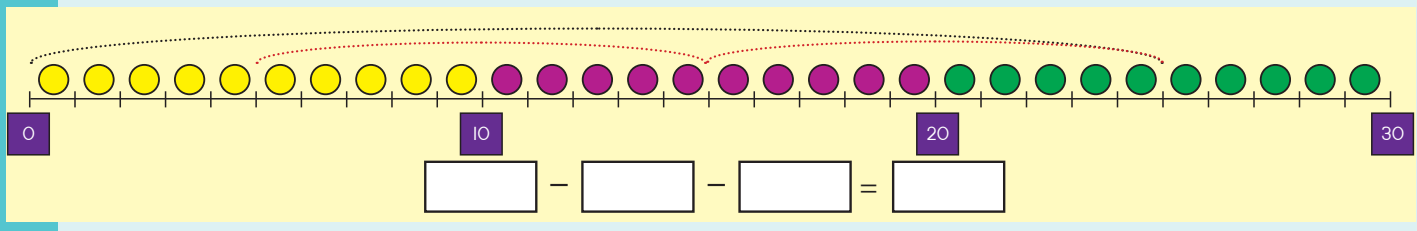
2 5 − 1 0 = ☐

2 9 − 1 0 = ☐

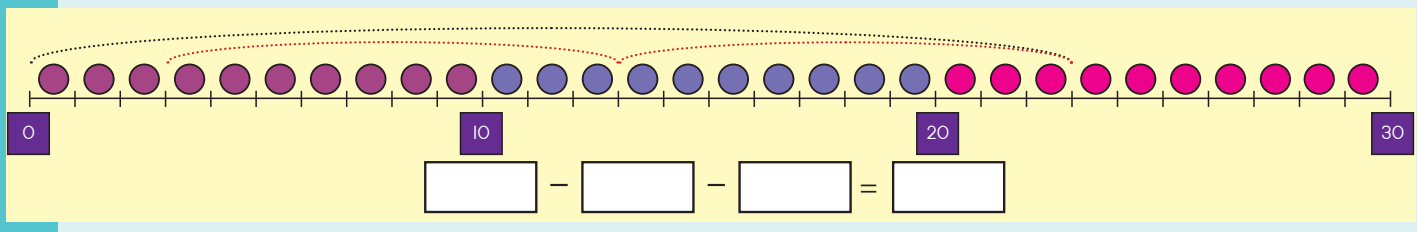
2 Fhedzisani mbalo dza muṱuso.



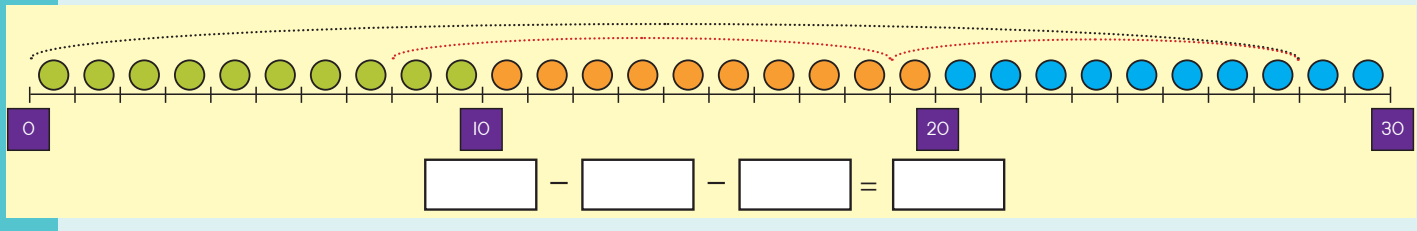
☐ − ☐ − ☐ = ☐



☐ − ☐ − ☐ = ☐



☐ − ☐ − ☐ = ☐



☐ − ☐ − ☐ = ☐

1 2 3 4 5 6 7 8 9 10

Fhedzisani.

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

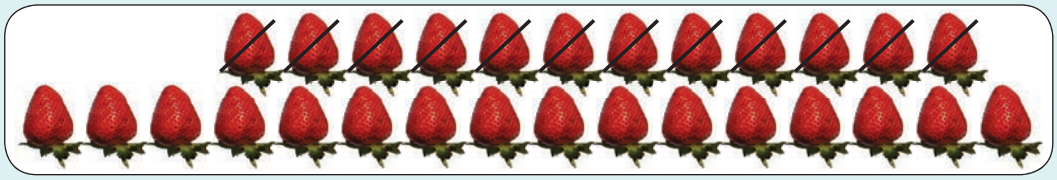
Ra ṱusa.

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

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

35 − 20 = _____

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



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

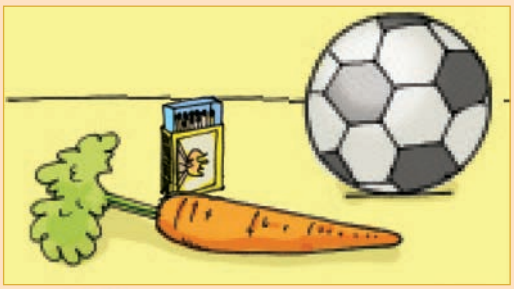
43

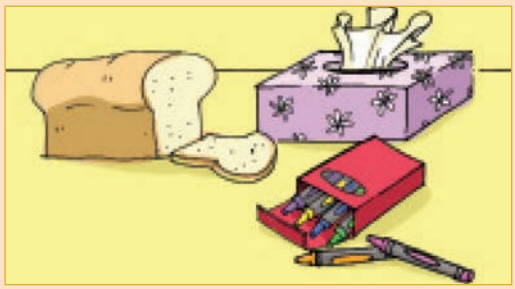
Deithi:

U lemela na u leluwa

1 Lavhelesani tshifanyiso tshiṅwe na tshiṅwe ni f'hindule mbudziso.

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



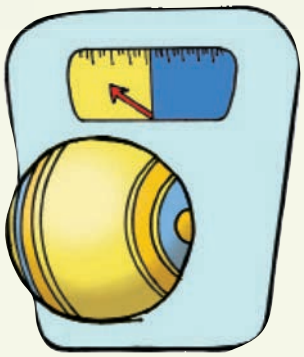


2 Olani tshifanyiso tsha:

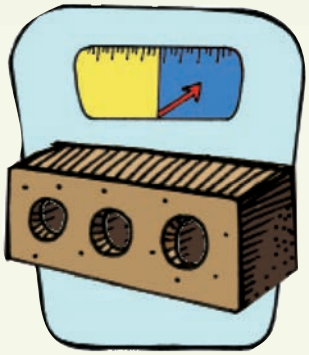
Zwithu zwi no lemela	Zwithu zwi no leluwa

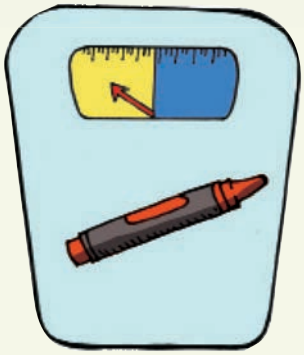
1 2 3 4 5 6 7 8 9 10

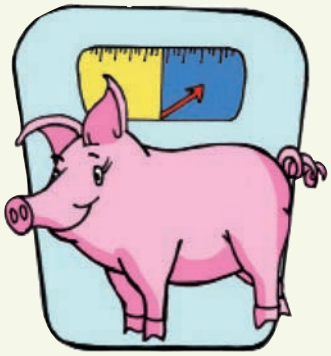
Musi musevhe mutswuku u tshi sumba wa lutombo zwi amba uri itsho tshithu tshi a lemela. Ṅwalani uri leluwa kana lemela.

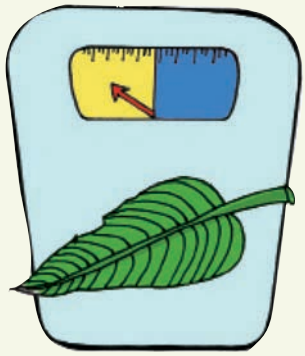


u leluwa

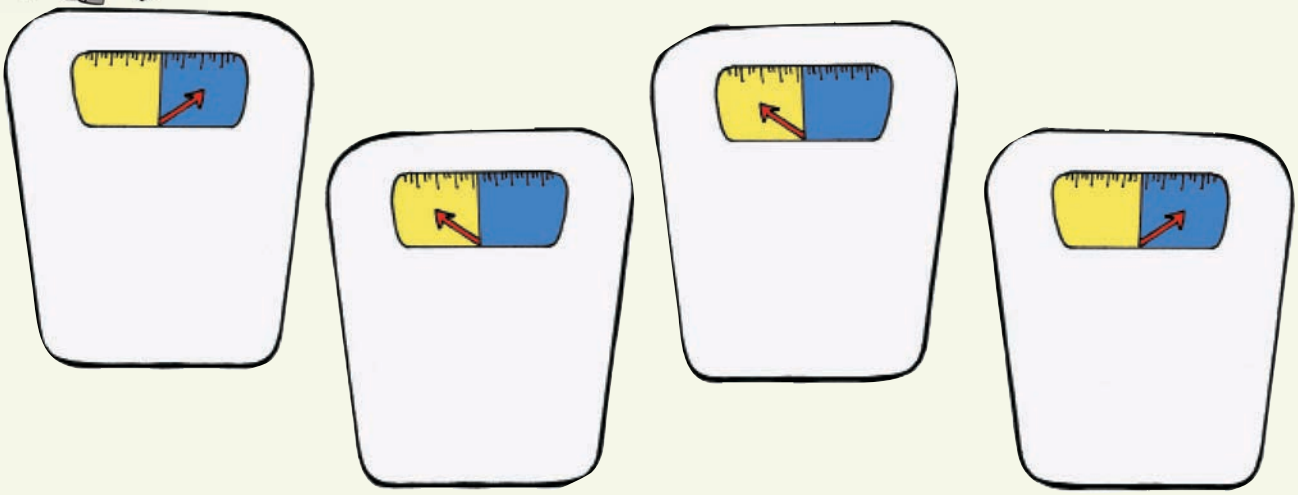








Olani kana ni nambatedze zwithu ni tshi tevhedza zwine tshikalo tsha sumbedza.

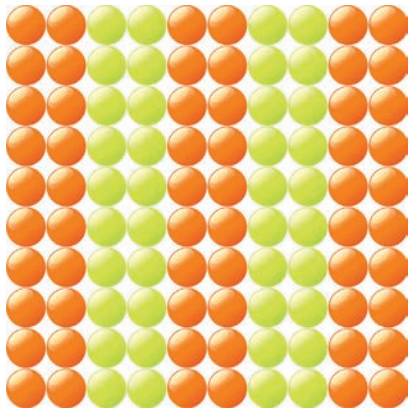


Teacher:
Sign:
Date:

Deithi:

Phetheni dza nomboro: Nga zwivhilizwivhili

1 Kha ri vhale nga zwivhili.

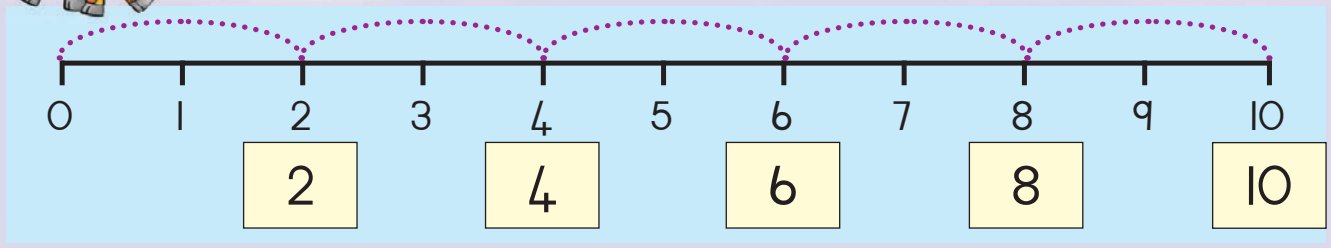


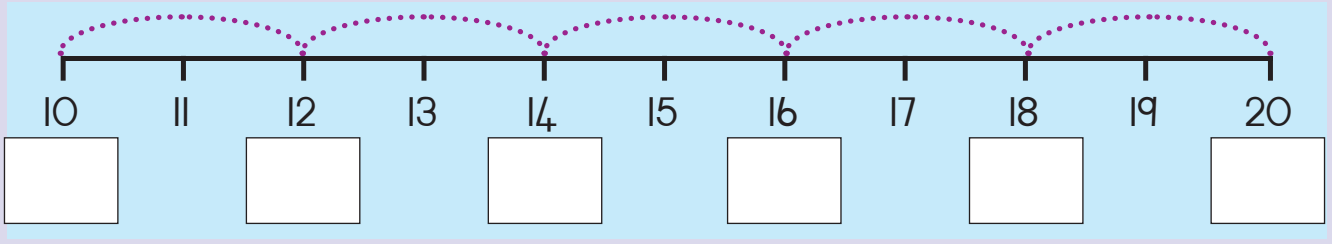
2 Olani kana ni nambatedze zwithu zwi no ḓa nga zwivhili.

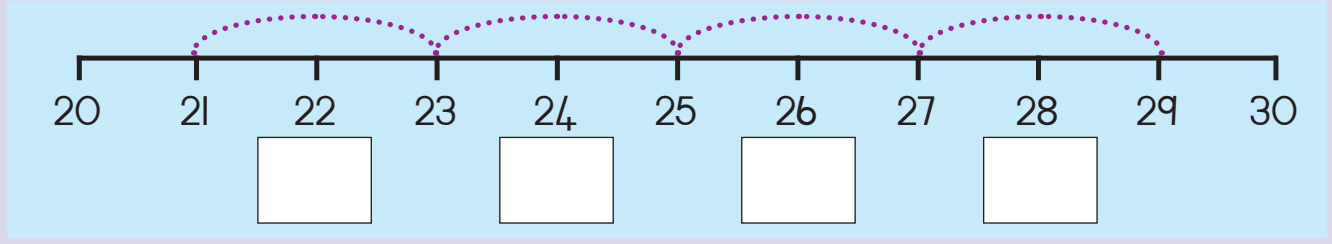
3 Ro thoma phetheni. I fhedziseni.

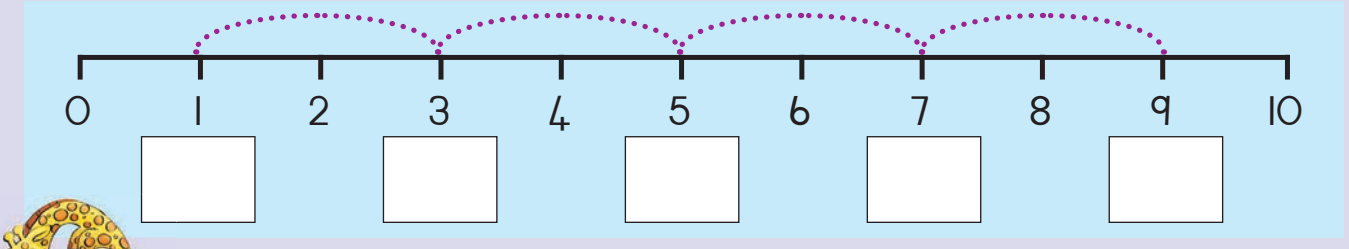
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Shumisani mitalombalo kha u ṅwala phetheni.









Fhedzisani zwi tevhelaho.

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

2 4 6 8 10 12 14 16 18 20

Teacher:
Sign:
Date:

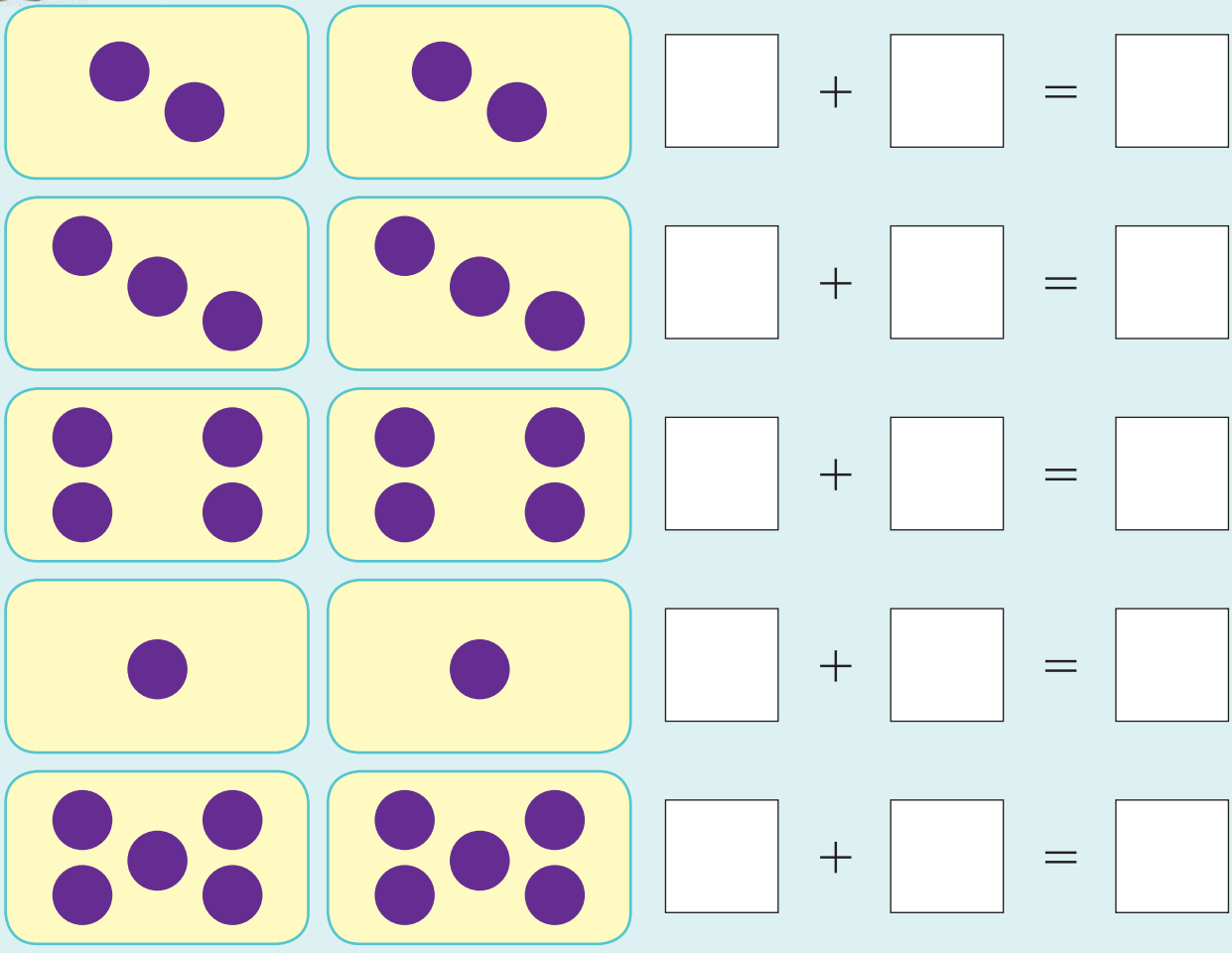
11 12 13 14 15 16 17 18 19 20

Deithi:

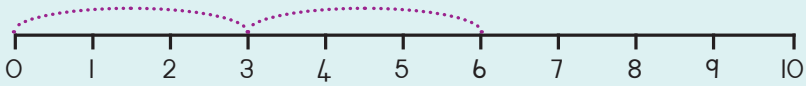
U inga kavhili (U davhula)

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

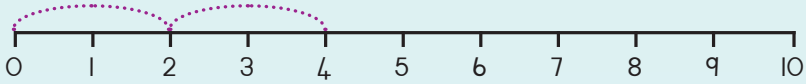
2 Engedzani zwithoma, ni ṅwale ṱhanganyelo ya iṅwe na iṅwe.



Shumisani mutalombalo kha u ṅwala ṱhanganyelo.

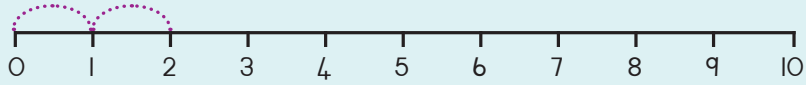


□ + □ = □

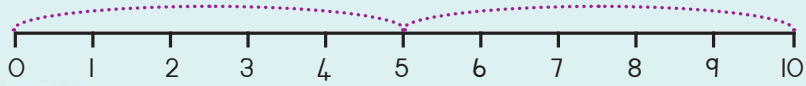


□ + □ = □

□ + □ = □



□ + □ = □



□ + □ = □

Ingani kavhili zwi tevhelaho:

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

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

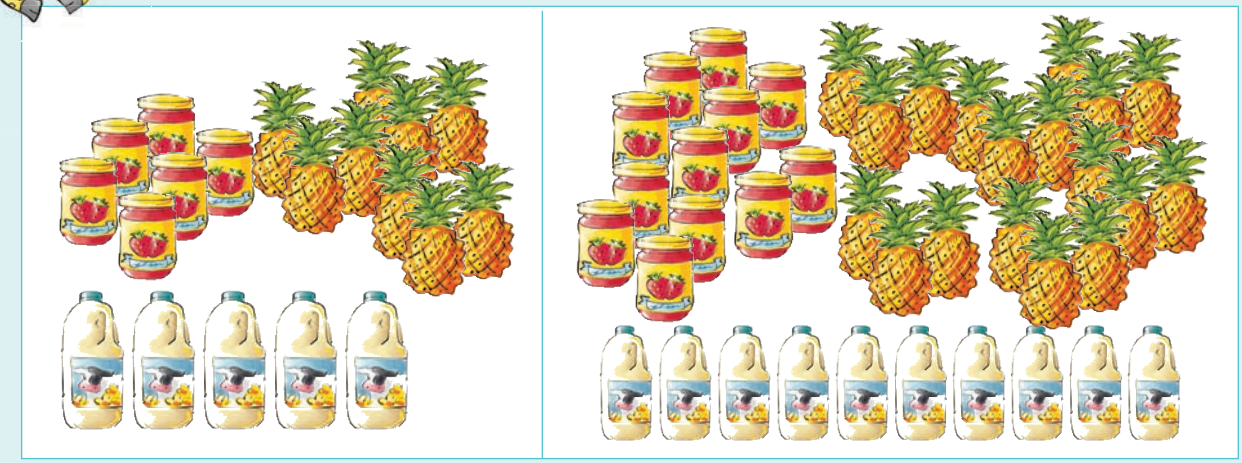
Teacher:
Sign:
Date:

Deithi:

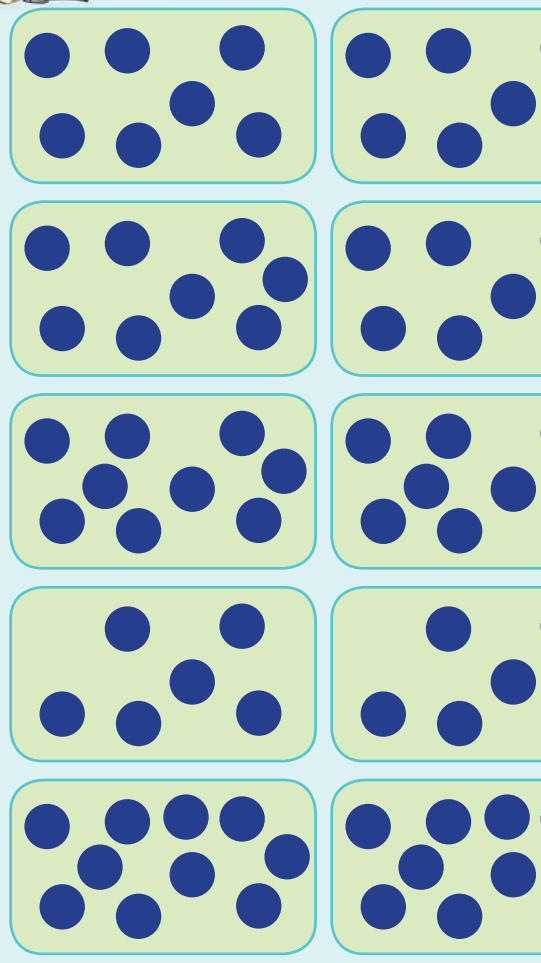
.....

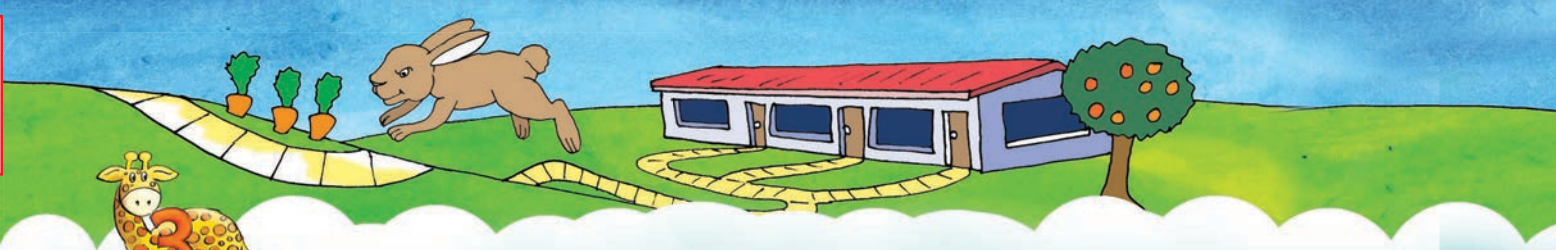
Ingani kavhili hafhu

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

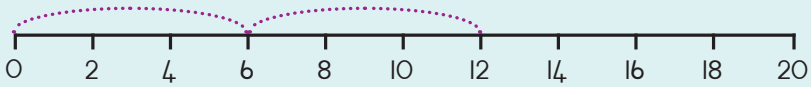


Engedzani zwithoma, ni ṅwale mbalo ya iṅwe na iṅwe.

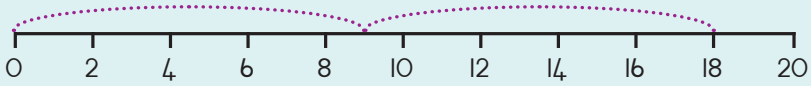




Shumisani mutalombalo kha u ṅwala ṱhanganyelo.



□ + □ = □



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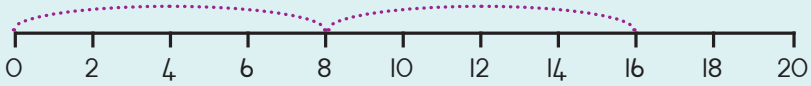

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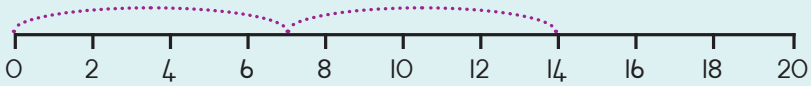
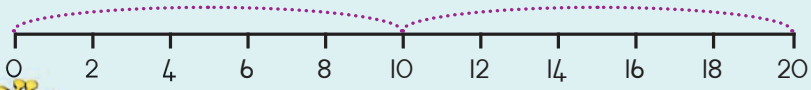


□ + □ = □



□ + □ = □

Ingani kavhili zwi tevhelaho.

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

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Deithi:

Ingani kavhili

8 kavhili

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

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

9 kavhili

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

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

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

5 kavhili

5 + 5 = ☐

6 kavhili

☐ + ☐ = ☐

7 kavhili

☐ + ☐ = ☐

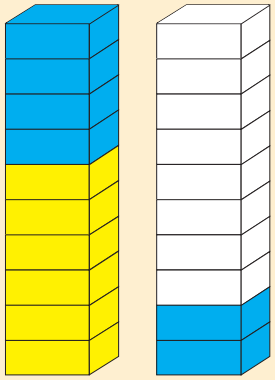
8 kavhili

☐ + ☐ = ☐

9 kavhili

☐ + ☐ = ☐

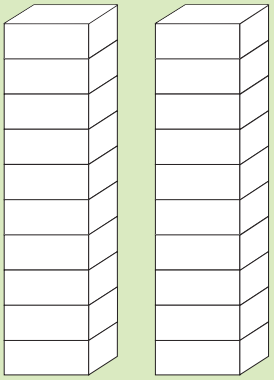
Ingani kavhili nomboro. Khalarani zwibuloko zwa fumi zwa beisi ni tshi sumbedza phindulo yanu.



6 kavhili

6 + 6 = ☐

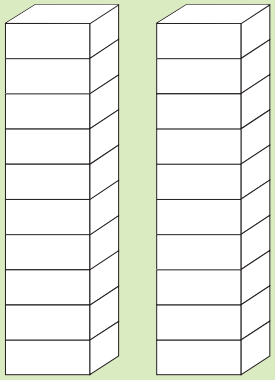
2 × 6 = ☐



8 kavhili

☐ + ☐ = ☐

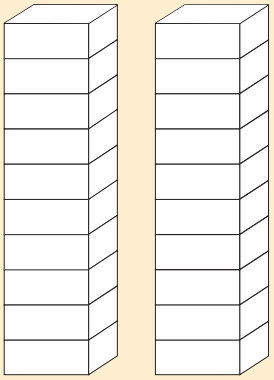
2 × ☐ = ☐



7 kavhili

☐ + ☐ = ☐

2 × ☐ = ☐



9 kavhili

☐ + ☐ = ☐

2 × ☐ = ☐

Ingani kavhili zwi tevhelaho.

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

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

Teacher:

Sign:

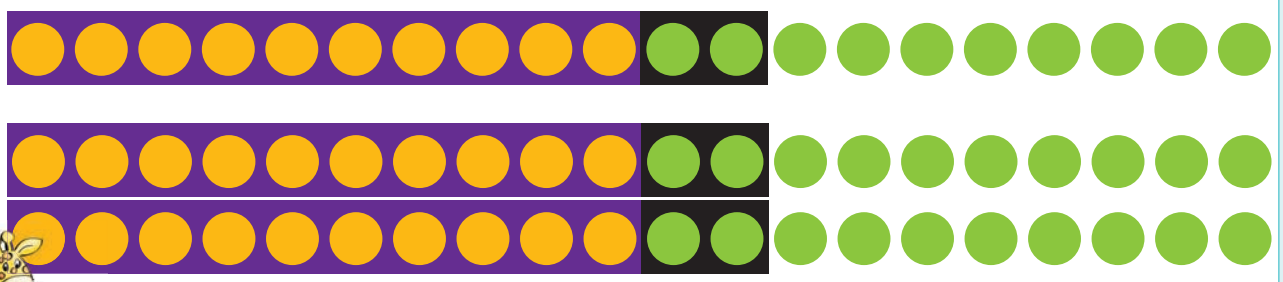
Date:

11 12 13 14 15 16 17 18 19 20

Deithi:

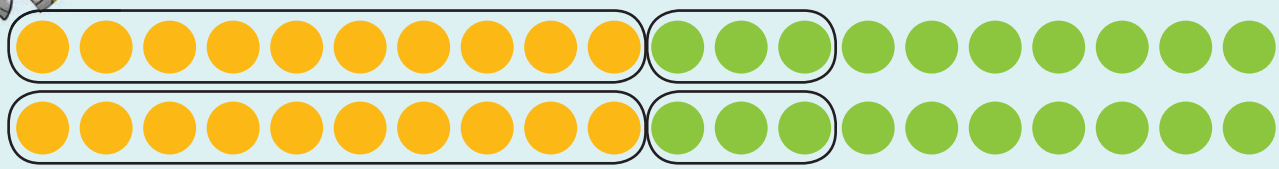
Nyingakavhili hafhu

12 kavhili

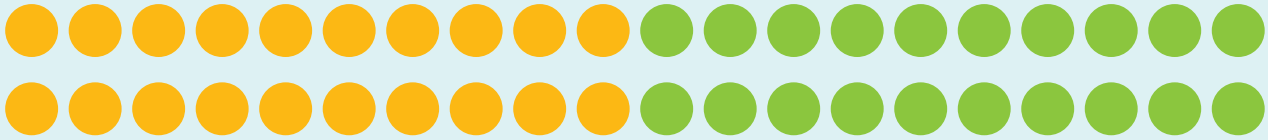


Shumisani vhulungu kha u inga kavhili nomboro. Ro ni itela ya u thoma.

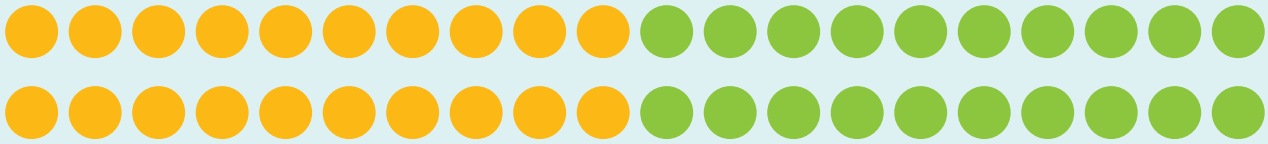
13 kavhili



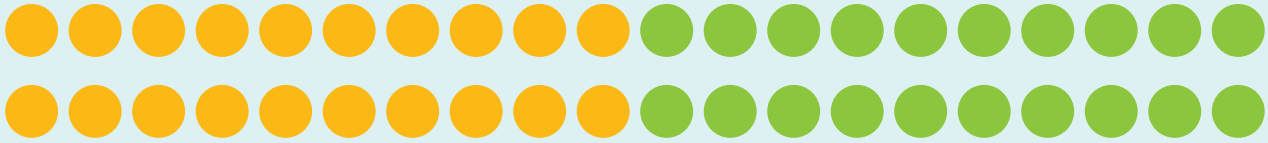
15 kavhili ☐ + ☐ = ☐



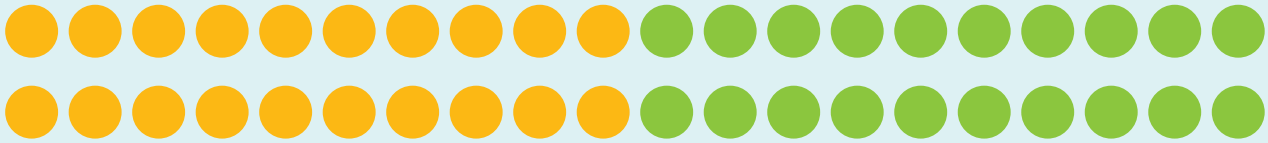
14 kavhili ☐ + ☐ = ☐



11 kavhili ☐ + ☐ = ☐

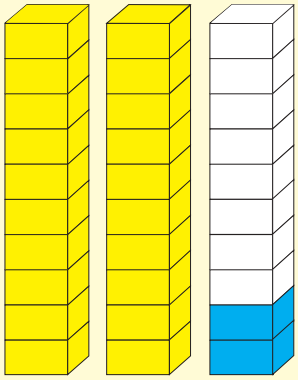


16 kavhili ☐ + ☐ = ☐



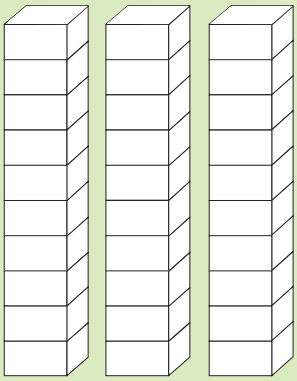
☐ + ☐ = ☐

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



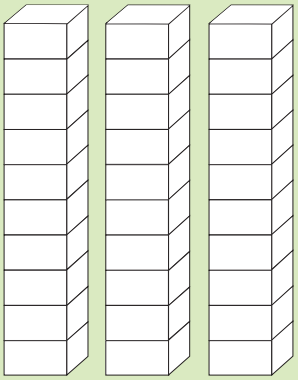
11 kavhili

11	+	11	=	
2	×	11	=	



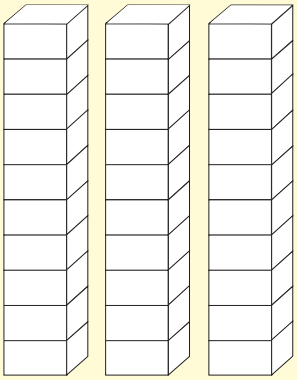
13 kavhili

	+		=	
2	×		=	



14 kavhili

	+		=	
2	×		=	



15 kavhili

	+		=	
2	×		=	

Ingani kavhili zwi tevhelaho.

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

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

Teacher:
Sign:
Date:

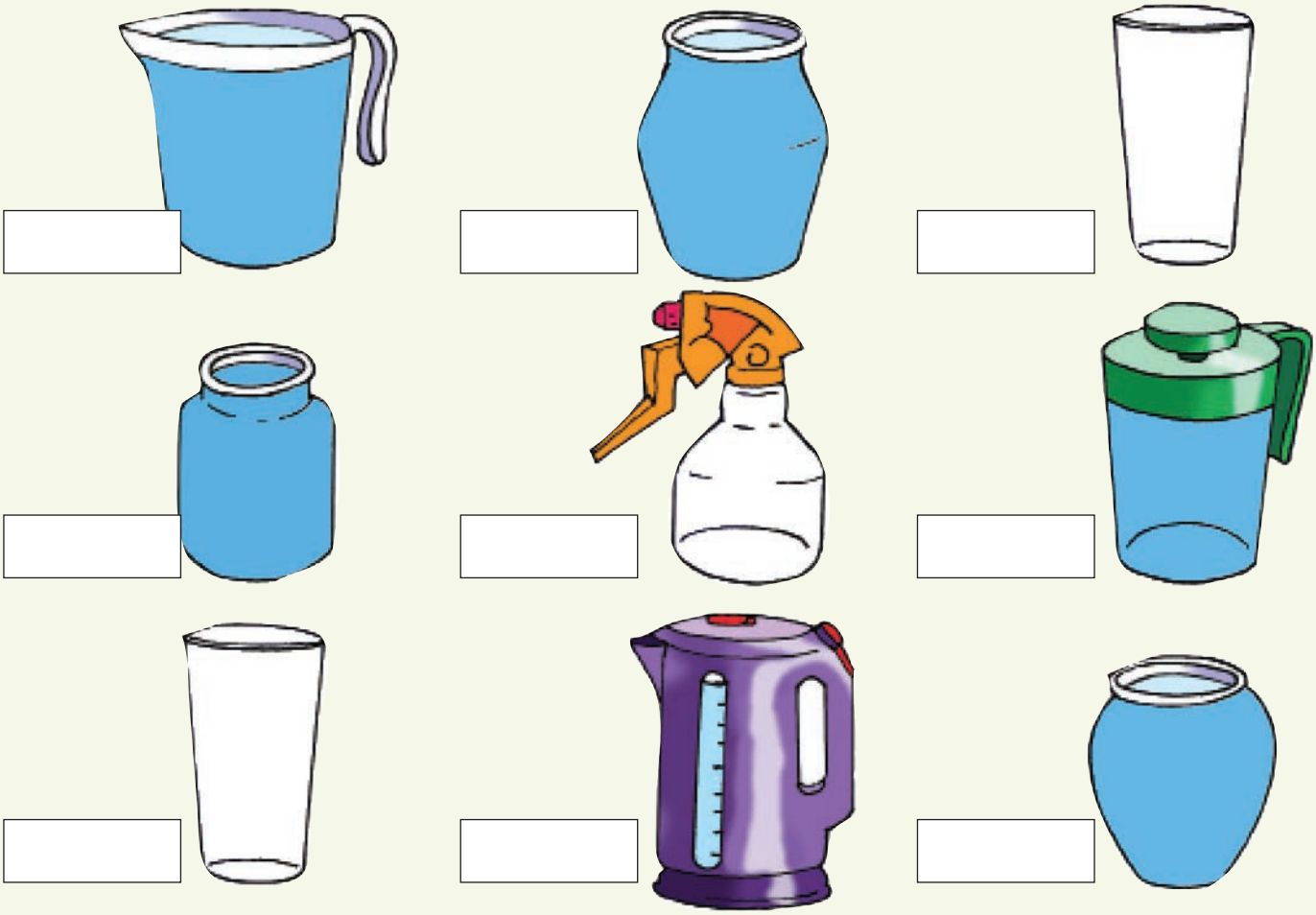
Deithi:

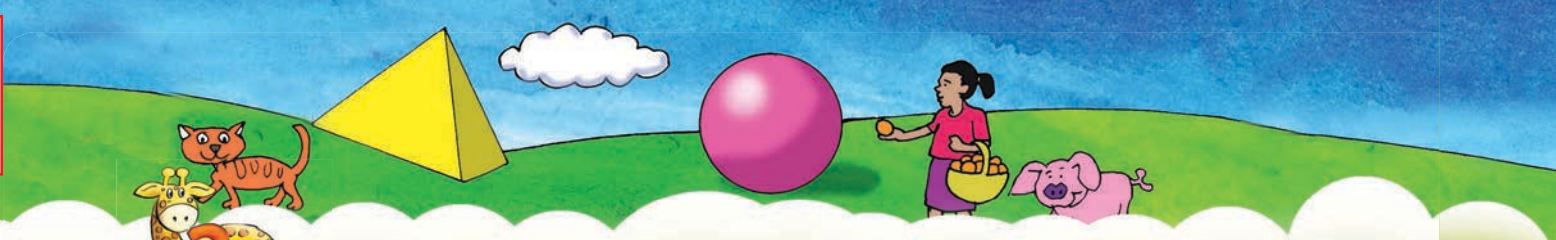
.....

Zwifaredzi na khaphasithi

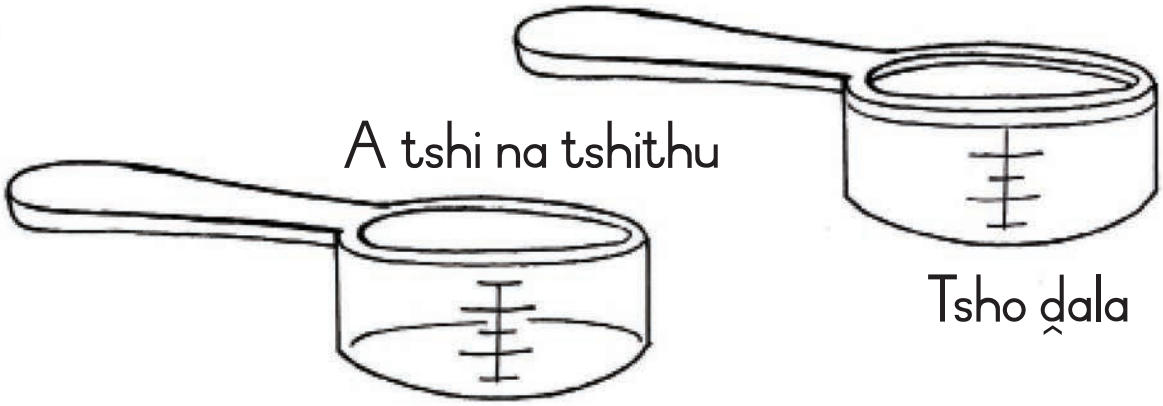
1 Ambani nga zwifaredzi zwi re kha desike.

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





Khaḽarani ni tshi sumbedza nzulele ya zwifaredzi.



Olani zwifaredzi zwaṋu inwi muṋe ni khaḽare zwi re ngomu hazwo.

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

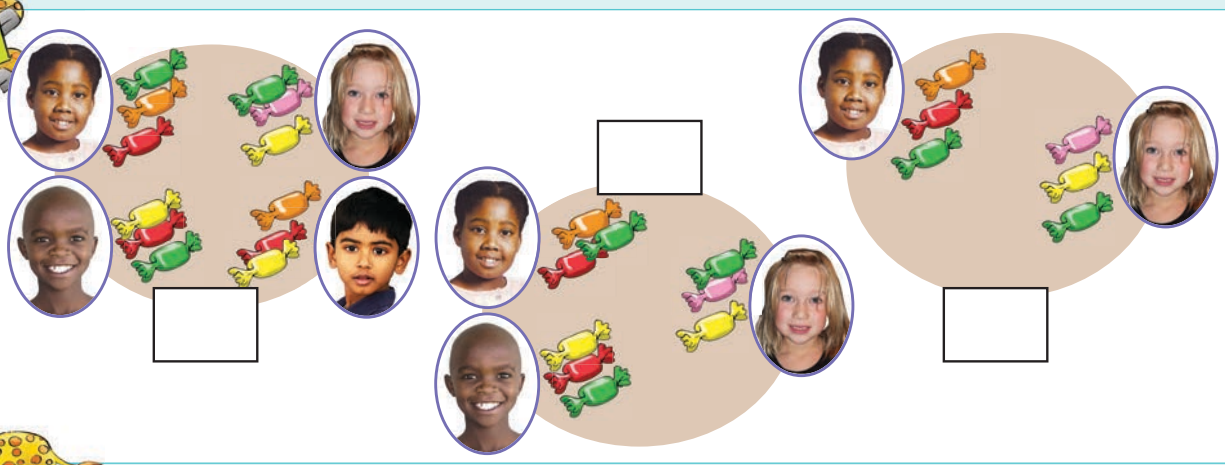
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Deithi:

Muandiso: × 3

1 Ndi maḽegere mangana a re kha ṱafula iṅwe na iṅwe?

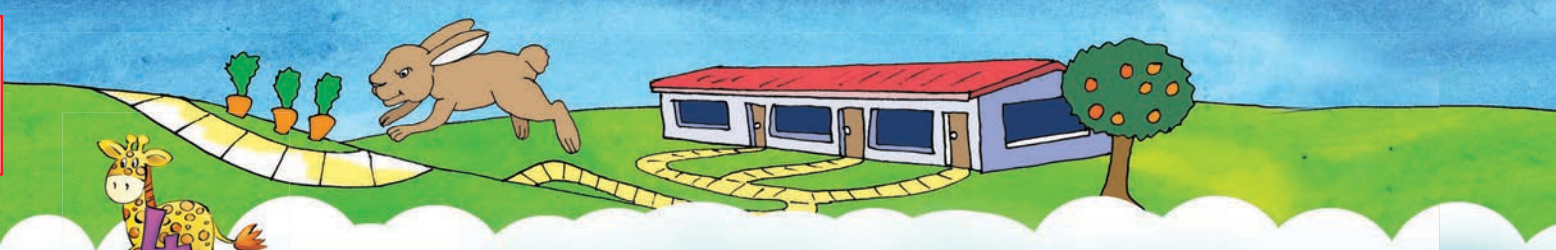


2 Fhedzisani zwi tevhelaho:

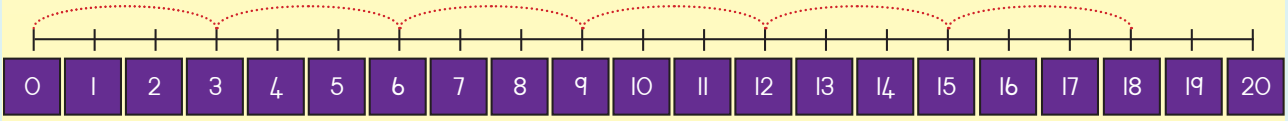
zwigwada zwa 2 zwa 3	3 + 3 =	2 × 3 =
zwigwada zwa 5 zwa 3	3 + 3 + 3 + 3 + 3 =	5 × 3 =
zwigwada zwa 4 zwa 3	3 + 3 + 3 + 3 =	4 × 3 =
zwigwada zwa 6 zwa 3	3 + 3 + 3 + 3 + 3 + 3 =	6 × 3 =
zwigwada zwa 7 zwa 3	3 + 3 + 3 + 3 + 3 + 3 + 3 =	7 × 3 =

3 Itani nyolo ya zwi tevhelaho.

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



Itani nyolo ya zwi tevhelaho.



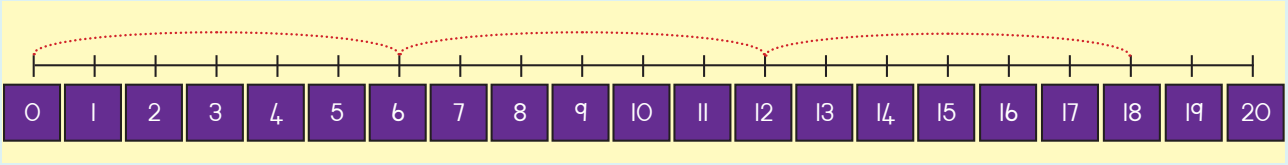
3, 6, 9, 12, ___ , ___

3 + 3 + 3 + 3 + 3 + 3= ☐

zwigwada zwa 6 zwa ☐ = ☐

6 × 3 = ☐

Nyolo



6, ___ , ___

6 + ☐ + ☐ = ☐

zwigwada zwa 3 zwa ☐ = ☐

3 × ☐ = ☐

Nyolo

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

☐

3 6 9 12 15 18

21 24 27 30 33

Teacher:

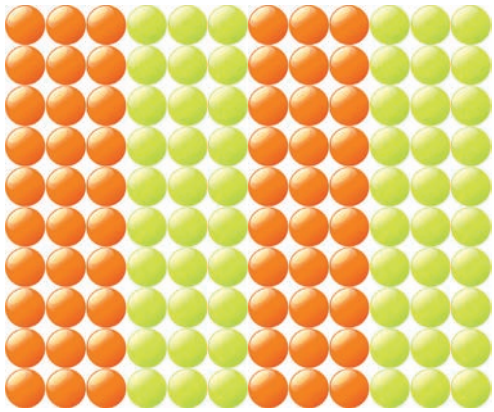
Sign:

Date:

11 12 13 14 15 16 17 18 19 20

Deithi:

Phatheni dza nomboro: Nga tharu

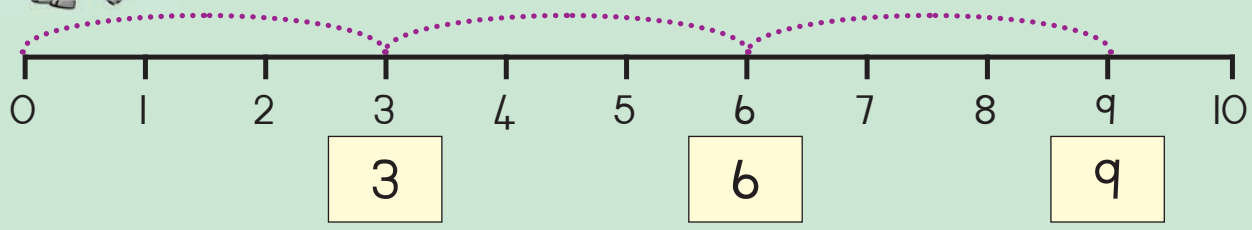


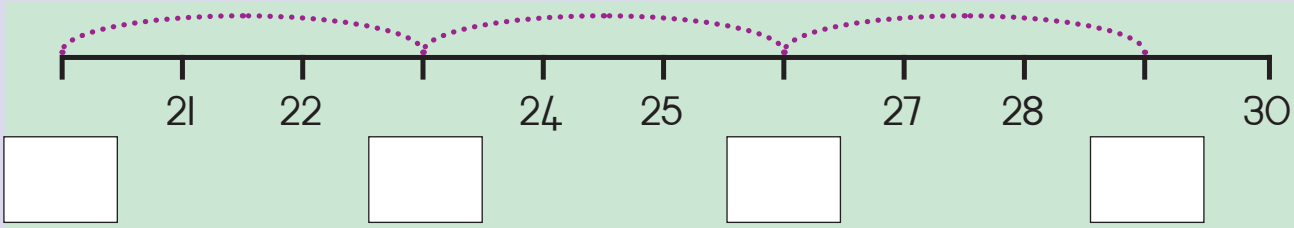
Olani kana ni nambatedze zwifanyiso zwa zwithu zwine zwa ḓa nga zwiraru.

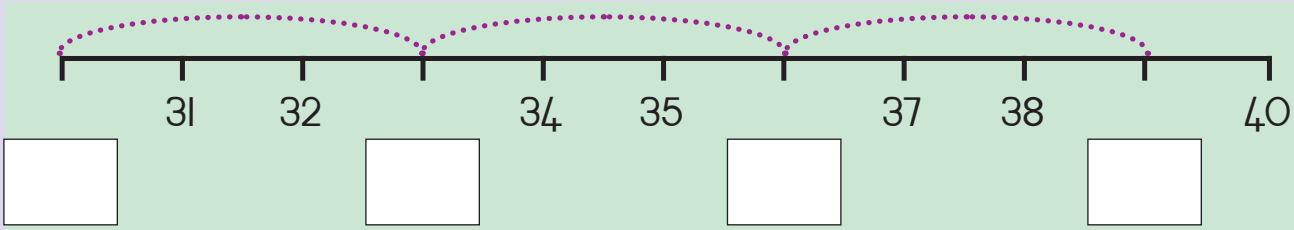
Ro ni thomela phetheni. I fhedziseni.

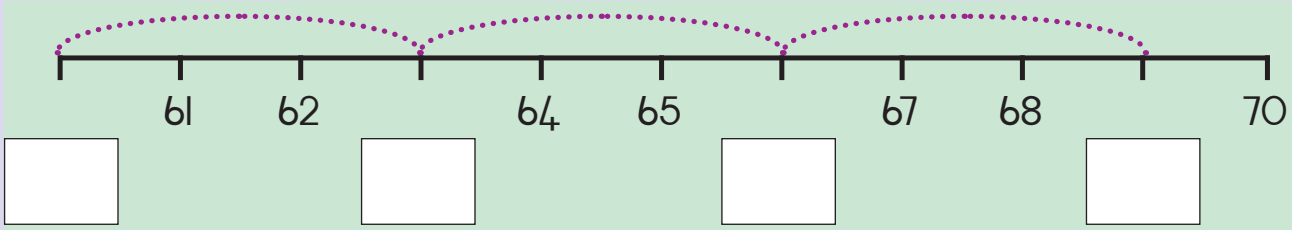
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Shumisani mitalombalo kha u ṅwala phatheni.









Fhedzisani zwi tevhelaho.

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

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Deithi:

Muandiso: × 4

1 Hu na maḽegere mangana kha ṱafula iṅwe na iṅwe?

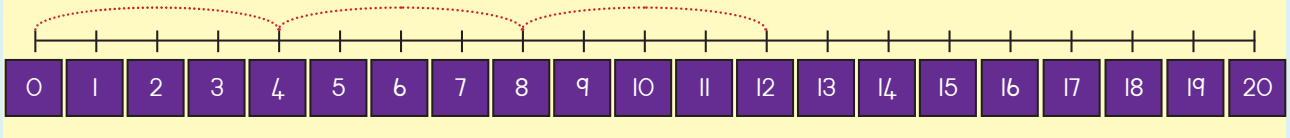
2 Fhedzisani zwi tevhelaho.

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

3 Itani nyolo ya zwi tevhelaho.

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

Itani nyolo ya zwi tevhelaho.



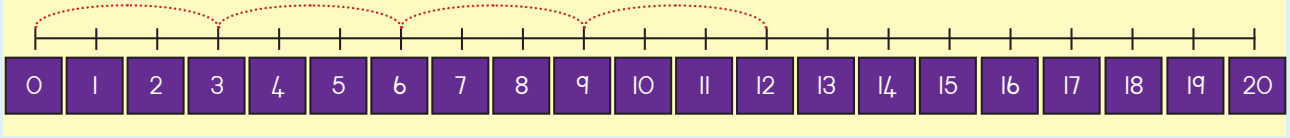
4, 8, ___

4 + 4 + 4 = ☐

zwigwada zwa 3 zwa 4 = ☐

3 × 4 = ☐

Nyolo



3, 6, 9, ___

3 + 3 + 3 + 3 = ☐

zwigwada zwa 4 zwa ☐ = ☐

4 × ☐ = ☐

Nyolo

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

4 8 12 16 20 24
28 32 36 40

Teacher:
Sign:
Date:

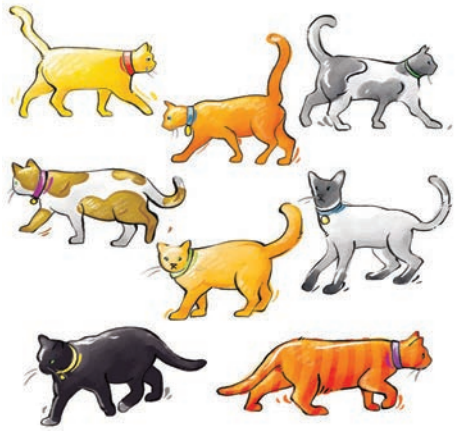
11 12 13 14 15 16 17 18 19 20

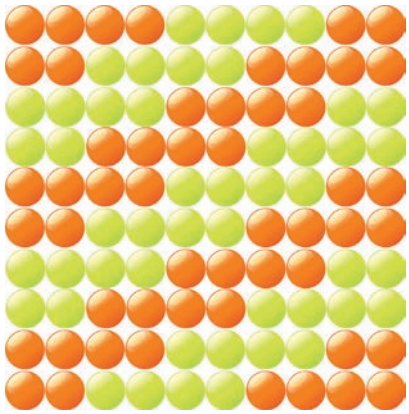
Deithi:

.....

Phatheni dza nomboro: Nga nn̂ann̂a

1 Kha ri vhale nga nn̂a.

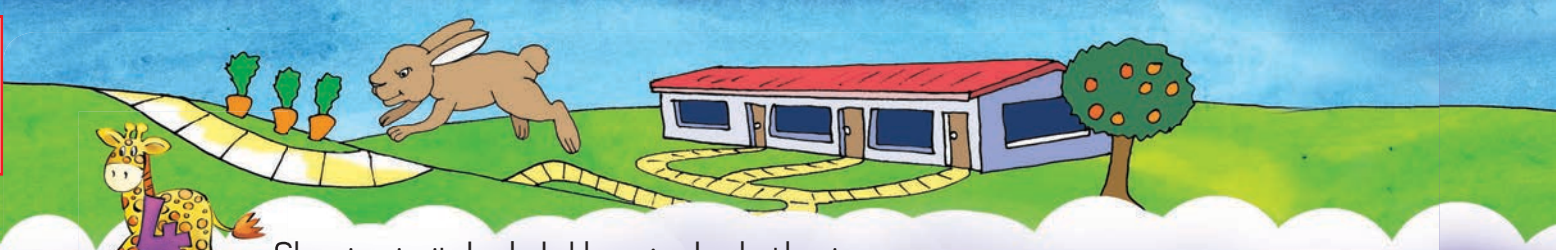




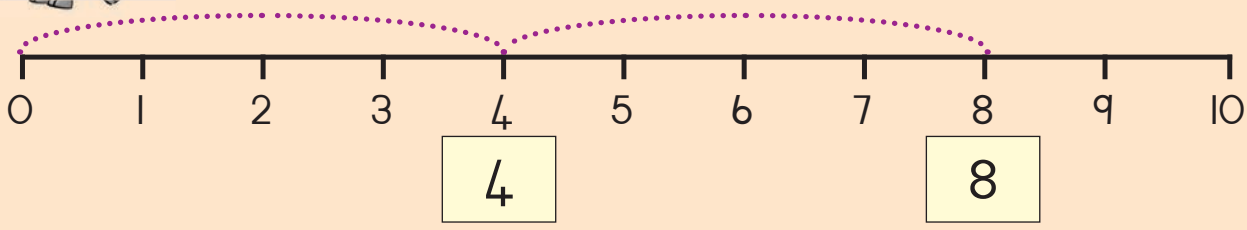
2 Olani kana ni nambatedze zwithu zwi d̂aho nga zwin̂a.

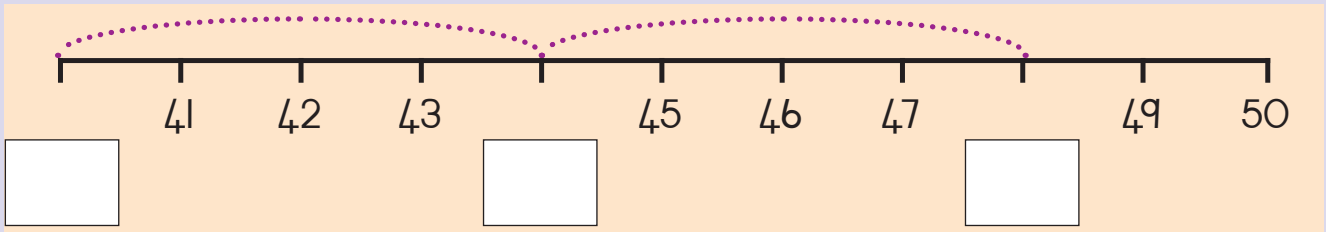
3 Ro ni thomela phetheni. I fhedziseni.

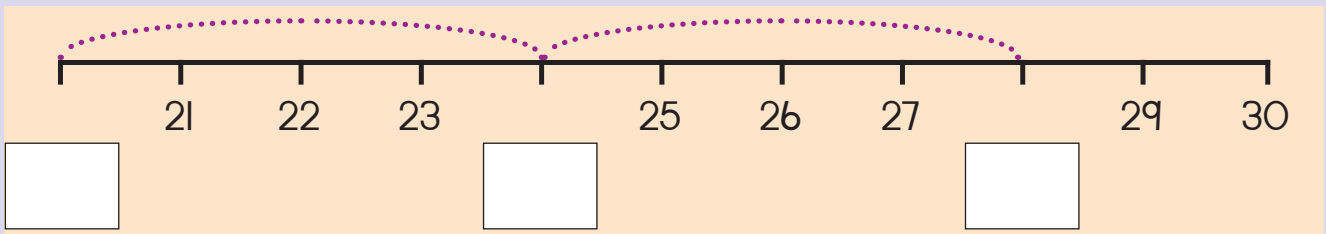
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

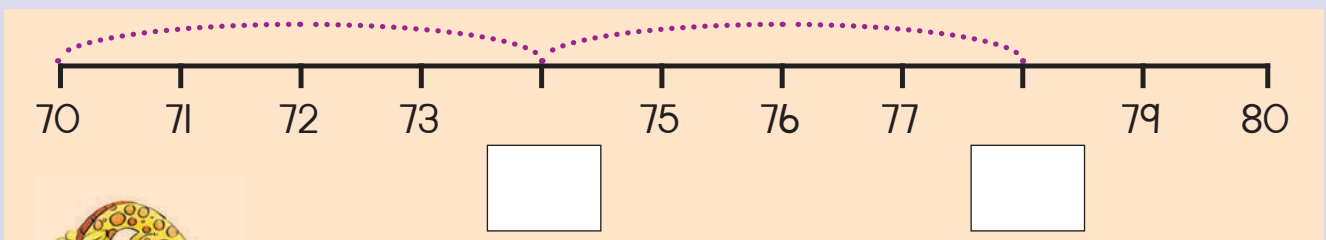


Shumisani mitalombalo kha u ṅwala phatheni.









Fhedzisani zwi tevhelaho.

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

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

Teacher:
Sign:
Date:

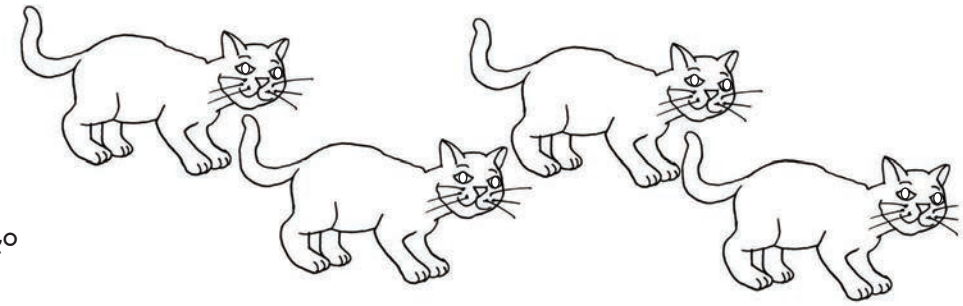
11 12 13 14 15 16 17 18 19 20

Deithi:

Zwiṱori zwa muandiso hafhu

Ḓiiteleni tshiṱori ni tshi shumisa maipfi a no nga maṱo, milenzhe, zwanḓa, ṋayo, zwipuka, vhathu. Ṅwalani nomboro kha tshiṅwe na tshiṅwe.

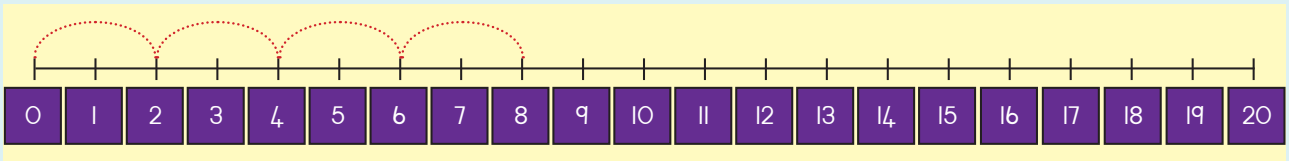
Tshimange tshi na maṱo a 2. Ndi maṱo mangana ane zwimange zwa 4 zwa vha nao?



Khaḽarani maṱo a zwimange.

Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.



□ + □ + □ + □ = □

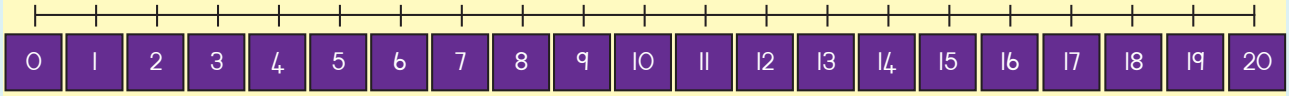
□ × □ = □

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

Khaḽarani baisigiri ya malinga mararu.

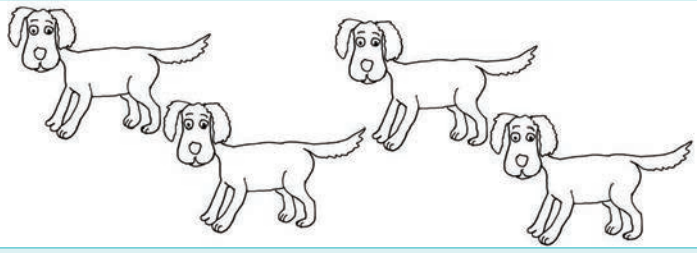
Sumbedzani nga zwivhaleli.

Sumbedzani kha mutalombalo.



+ = × =

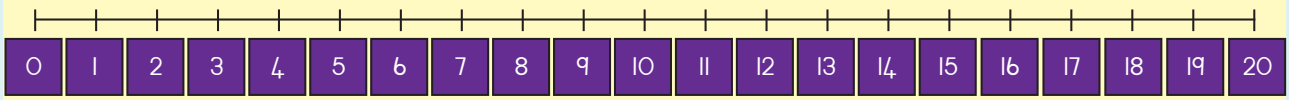
Mmbwa i na milenzhe 4. Ndi milenzhe mingana i ne mmbwa 4 dza vha nayo?



Khaḽarani milenzhe ya mmbwa.

Sumbedzani nga zwivhaleli.

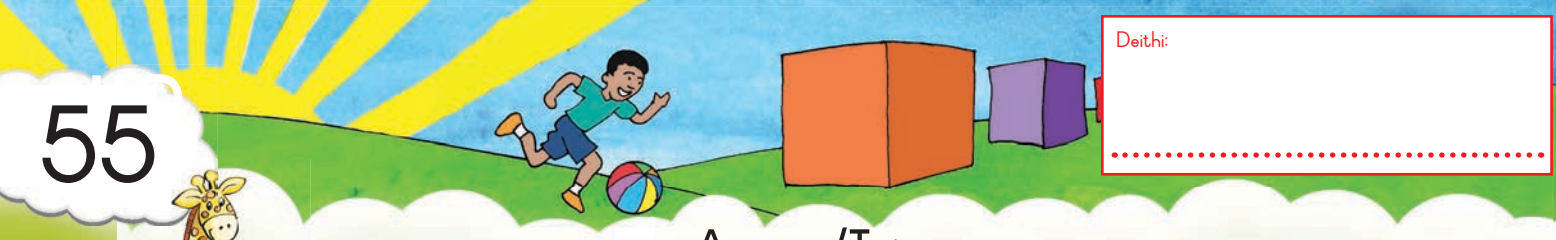
Sumbedzani kha mutalombalo.



+ = × =

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Deithi:

Awara/Iri

Ambani nga watshi.

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

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

Luṋanga lupfufhi lu ri sumbedza mini?

awara ya ☐

awara dza ☐

awara dza ☐

awara dza ☐

awara dza ☐

awara dza ☐

awara dza ☐

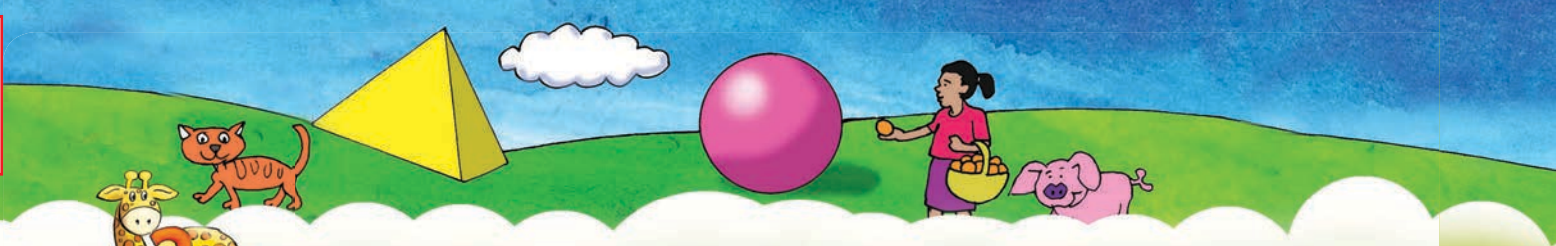
awara dza ☐

awara dza ☐

awara dza ☐

awara dza ☐

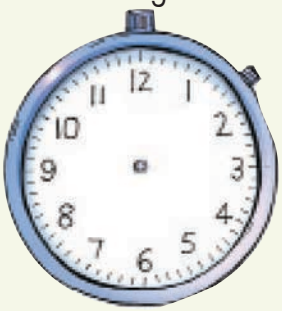
awara dza ☐



Olani luṋanga lupfupfi.

awara dza 4

awara ya 1



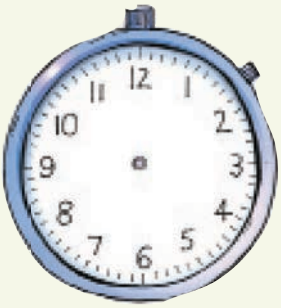
awara dza 11

awara dza 7

awara dza 9

awara dza 10

awara dza 2



awara dza 5

awara dza 3

awara dza 6

awara dza 8

awara dza 12

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

U ita tshuṅwahaya

U eḓela

U ṱamba maṋo

Teacher:
Sign:
Date:

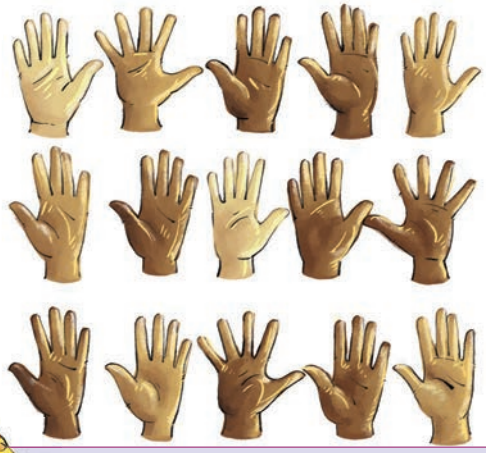
11 12 13 14 15 16 17 18 19 20

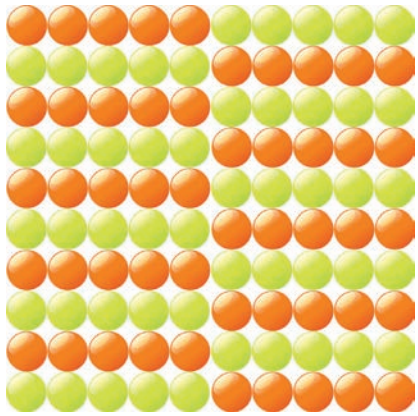
Deithi:

.....

Phetheni dza nomboro: Nga ṱhanu

1 Kha ri vhale nga ṱhanu.





2 Olani kana ni nambatedze zwithu zwi ḓaho nga zwiṱanu.

3 Ro ni thomela phetheni. I fhedziseni.

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

Shumisani mitalombalo kha u ṅwala phetheni.

0 1 2 3 4 5 6 7 8 9 10

0 | 5 | 10

40 41 42 43 44 45 46 47 48 49 50

21 22 23 24 25 26 27 28 29 30 31

70 71 72 73 74 75 76 77 78 79 80

Fhedzisani zwi tevhelaho.

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

5 10 15 20 25 30 35 40 45 50

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

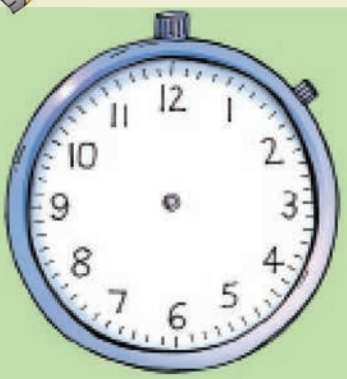
57a

Deithi:

.....

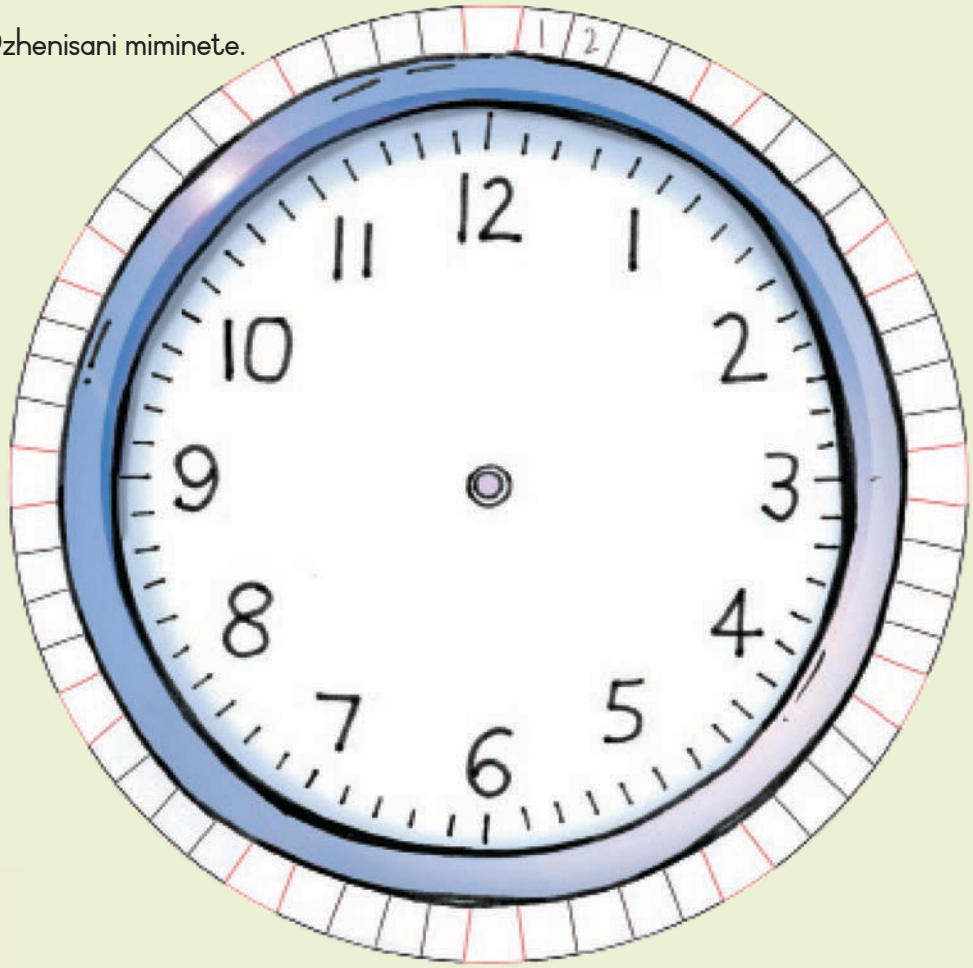
Miminete

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



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

Dzhenisani miminete.



Ṅwalani nomboro kha zwikwea zwitswuku hafha.

Olani zwithu zwine na nga ita nga ...

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

57b

Deithi:

Miminete hafhu

Ambani nga watshi.

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

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

Luṋanga lulapfu lu ri sumbedza mini?

miminete ya ☐

miminete ya ☐

miminete ya ☐

miminete ya ☐

miminete ya ☐

miminete ya ☐

Olani luṋanga lulapfu.

miminete ya 55

miminete ya 35

miminete ya 60

miminete ya 10

miminete ya 45

miminete ya 12

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

U fhufha

U tamba

U ḽa

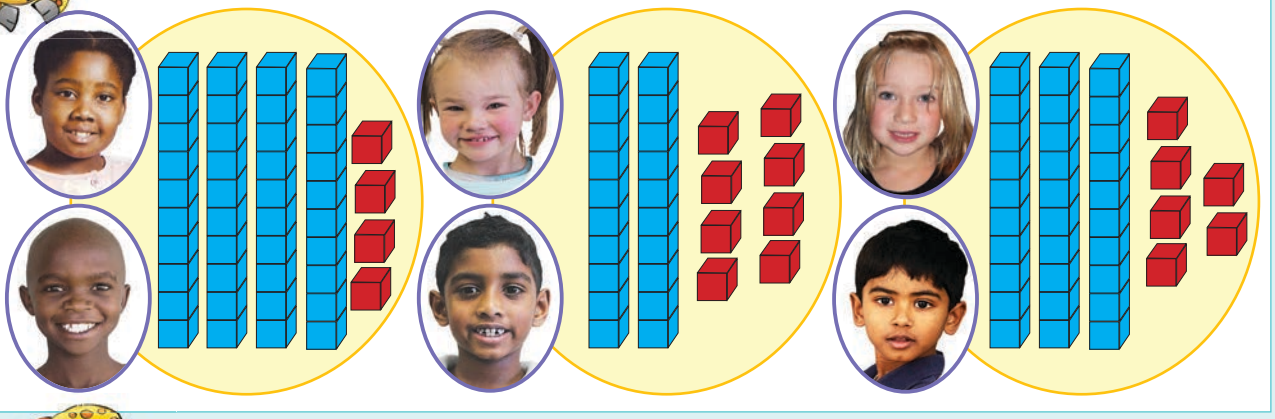
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

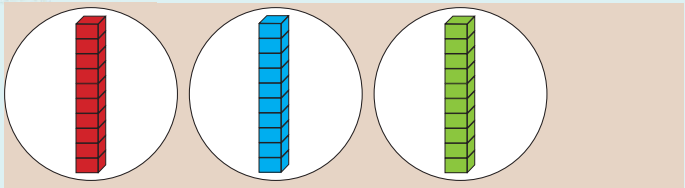
Deithi:

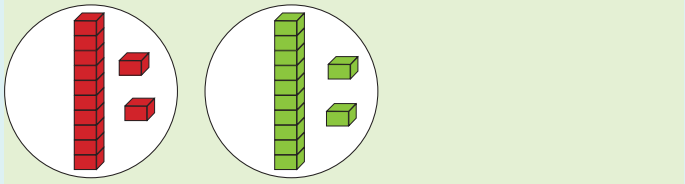
U vhea nga zwigwada na u kovhana

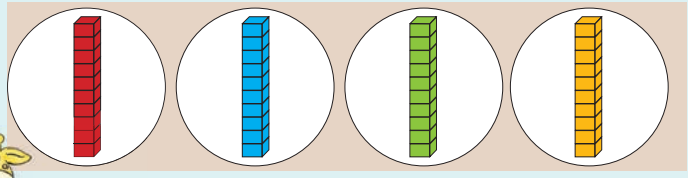
Hu na zwibuḽoko zwingana tshitendeledzeni tshiṅwe na tshiṅwe? Zwi kovhelani vhana nga ndila i no lingana.



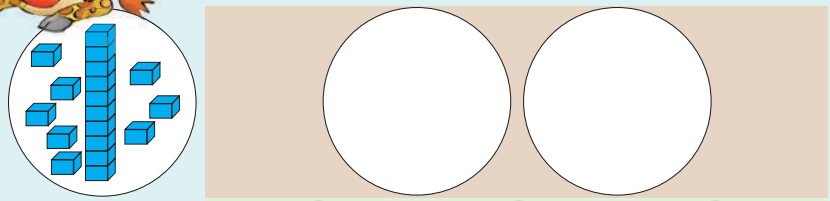
Ndi zwibuḽoko zwingana zwi re kha tshitengeledzi tshiṅwe na tshiṅwe? Ṅwalani t̂hanganyelo i re kha tshitengeledzi tsha lutombo.

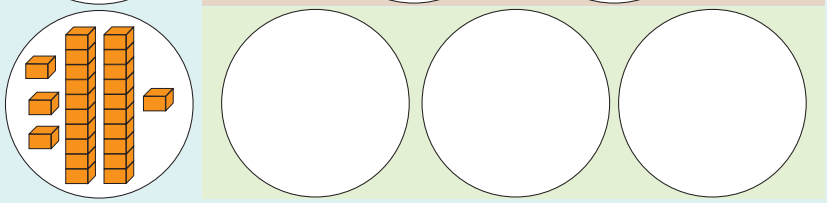


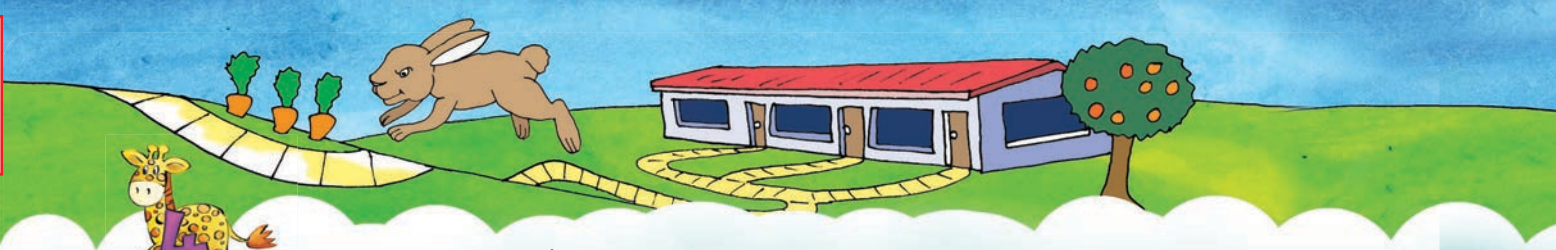




Kovhani zwibuḽoko kha zwitendeledzi nga ndila i no lingana.







4 Olani zwi tevhelaho. Ṅwalani ṱhanganyelo ya tshiṅwe na tshiṅwe.

Zwigwada 3 zwa 2

+ Mbalo ya u ṱanganyisa:

× Mbalo ya u andisa:

Zwigwada 2 zwa 14

+ Mbalo ya u ṱanganyisa:

× Mbalo ya u andisa:

Kovhani zwivhaleli zwa 12 nga 4

− Mbalo ya u ṱusa:

÷ Mbalo ya mukovhelo (mukovho):

Kovhani zwivhaleli zwa 36 nga 3

− Mbalo ya u ṱusa:

÷ Mbalo ya mukovhelo (mukovho):

5 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 _____

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

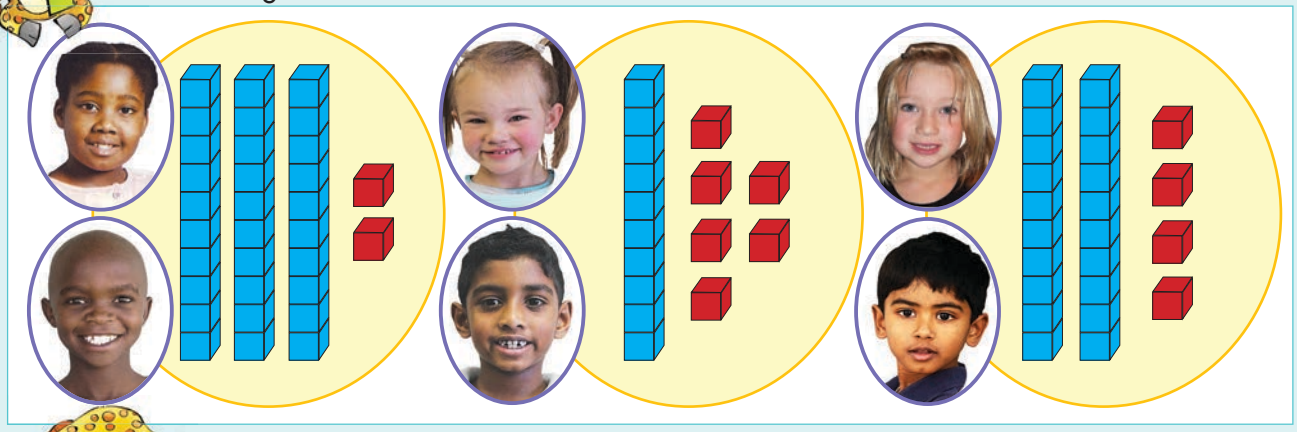
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

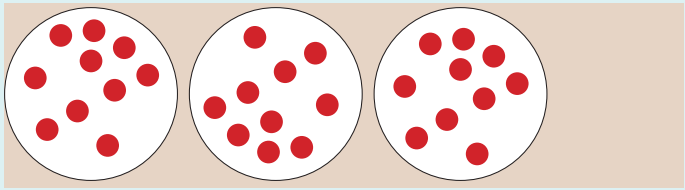
Deithi:

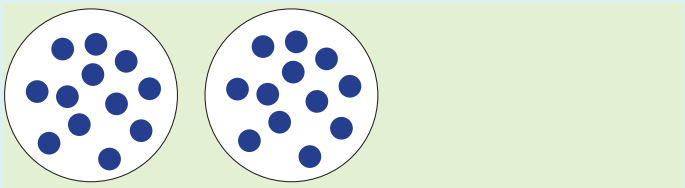
U vhea nga zwigwada na u kovhekana haf hu

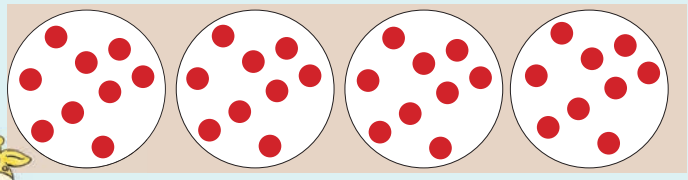
Hu na zwibuḽoko zwingana tshitendeledzeni tshiṅwe na tshiṅwe? Zwi kovhelani vhana nga ndila i no linganа.



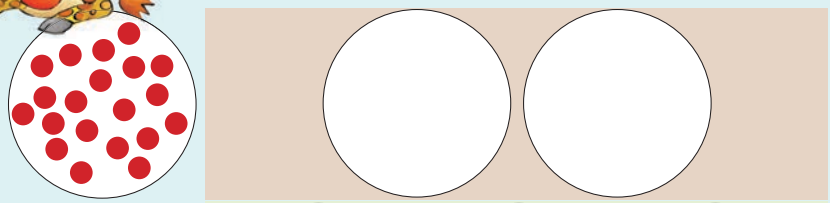
Ndi zwivhaleli zwingana zwi re kha tshitendeledzi tshiṅwe na tshiṅwe? Nwalani ṱhanganyelo kha tshitendeledzi tsha lutombo.

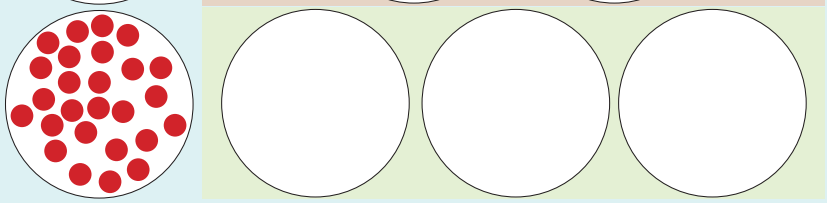






Kovhani zwivhaleli kha zwitendeledzi.





mukovhelo

mukovhelo

Olani zwi tevhelaho. Ṅwalani ṱhanganyelo ya tshiṅwe na tshiṅwe.

Zwigwada 3 zwa 12

+ Mbalo ya u ṱanganyisa:

× Mbalo ya u andisa:

Zwigwada 5 zwa 10

+ Mbalo ya u ṱanganyisa:

× Mbalo ya u andisa:

Kovhani zwivhaleli zwa 24 nga 4

− Mbalo ya u ṱusa:

÷ Mbalo ya mukovhelo (mukovho):

Kovhani zwivhaleli zwa 25 nga 5

− Mbalo ya u ṱusa:

÷ Mbalo ya mukovhelo (mukovho):

Rekanyani.

Zwigwada 2 zwa 11 _____ zwigwada 3 zwa 10 _____

Zwigwada 4 zwa 4 _____ zwigwada 2 zwa 25 _____

Kovhani 20 nga 2 _____ Kovhani 27 nga 3 _____

Kovhani 50 nga 5 _____ Kovhani 28 nga 2 _____

u inga kavhili

Teacher:

Sign:

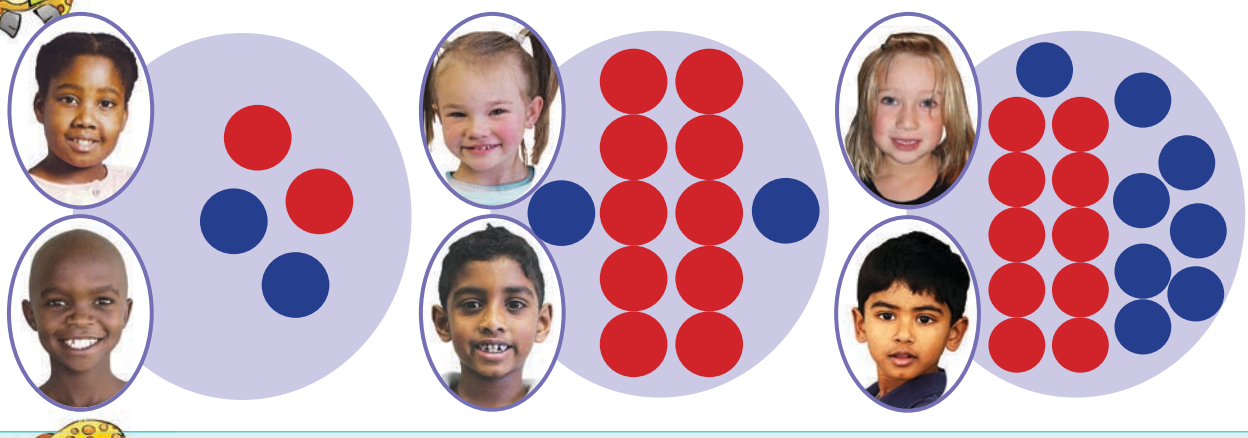
Date:

11 12 13 14 15 16 17 18 19 20

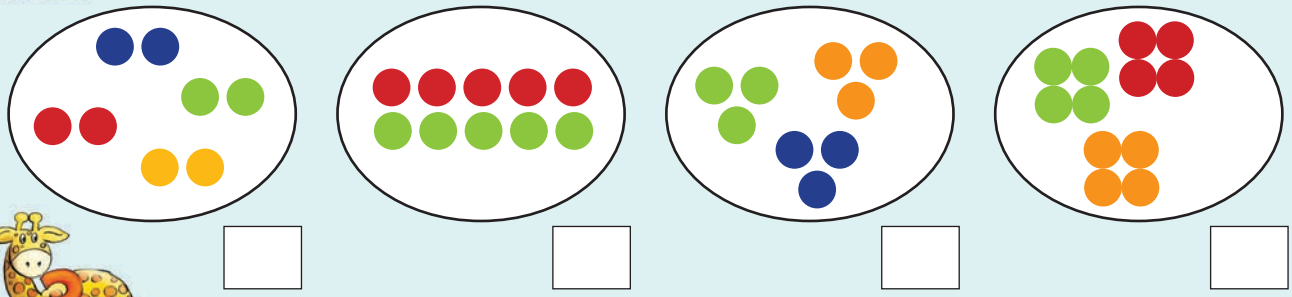
Deithi:

U vhea nga zwigwada na u kovhekana haf huhaf hu

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



Ndi zwivhaleli zwingana zwi re kha tshitengeledzi tshiṅwe na tshiṅwe?



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

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

thiraiengele

zwikwea

5 Kovhelani vhana mitshelo. U oleni.

maswiri

maapula

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

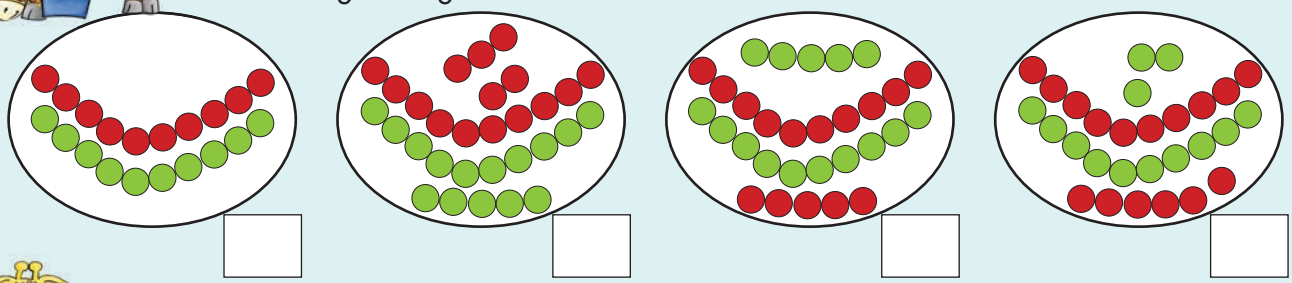
61

Deithi:

U vhea nga zwigwada na u kovhana

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

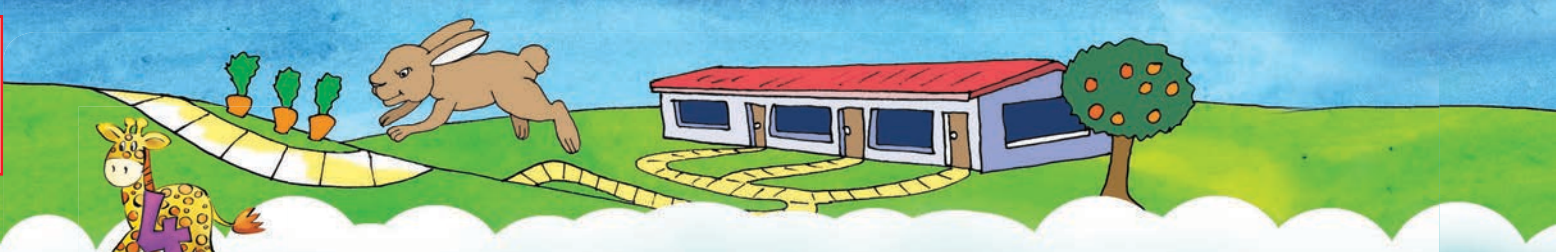
Ndi vhulungu vhungana he na vhala kha tshitendeledzi tshiṅwe na tshiṅwe?



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

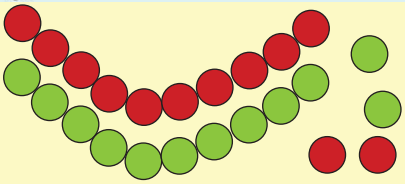
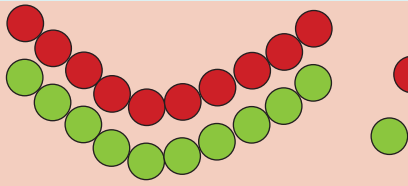
Vhulungu vhutswuku	Vhulungu ha lutombo
Vhulungu ha ṱaḓa	Vhulungu vhudala

1 2 3 4 5 6 7 8 9 10



4 Olani tshivhalo tsha vhulungu tshilinganaho ṅwana muṅwe na muṅwe.

5 Kovhelani vhana vhulungu. Vhu oleni.

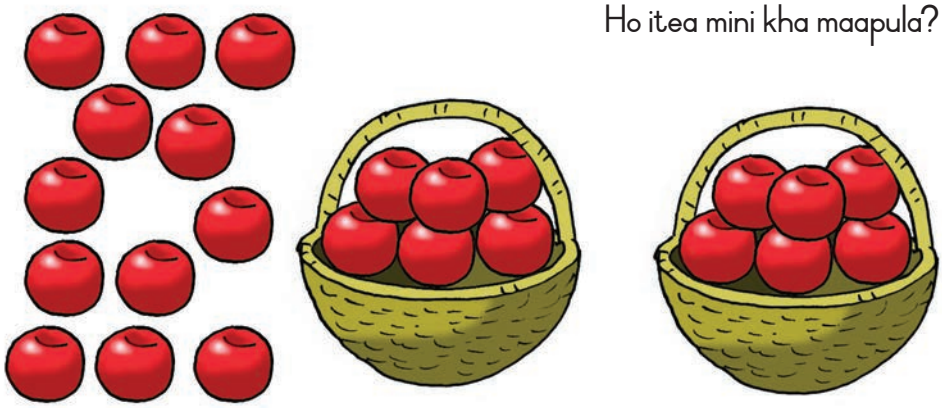
6 Busi na Zaheda vha kovhekana penisela dza 32 dza mivhala vha tshi lingana. Muṅwe na muṅwe o wana penisela nngana?

Teacher:
Sign:
Date:

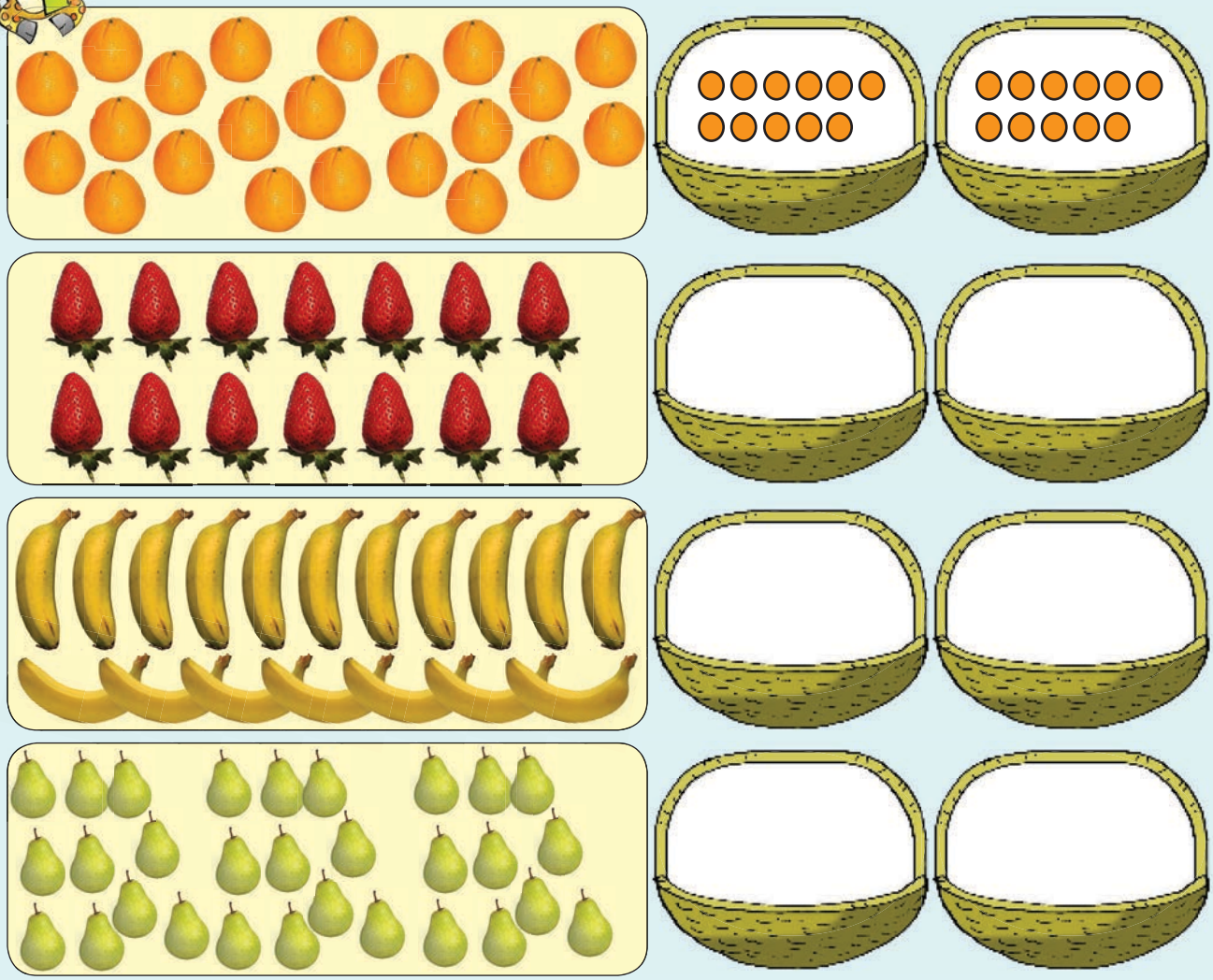
Deithi:

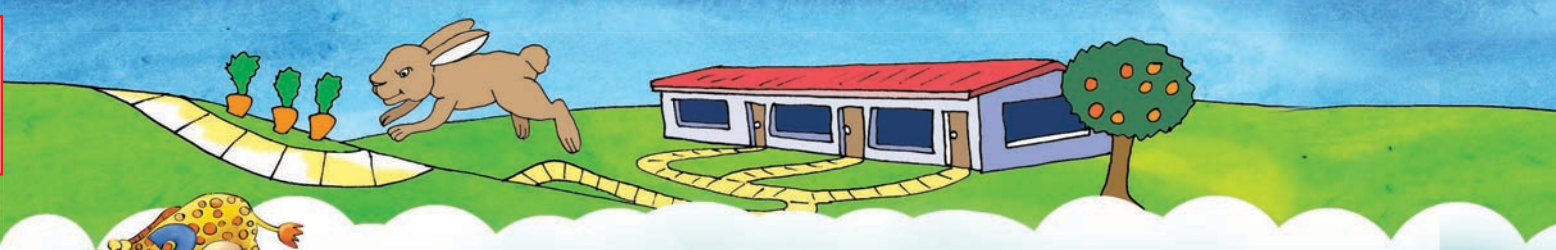
Dzihafu: 1 – 20

Ho itea mini kha maapula?

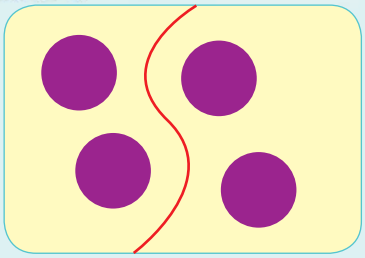


Kovhani mitshelo i re kha tsha monde kha manngi i re kha tsha ula. I oleni.

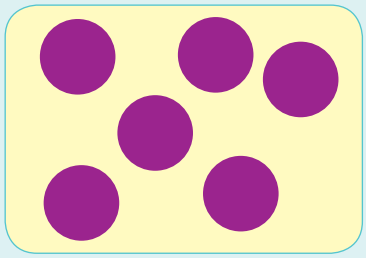




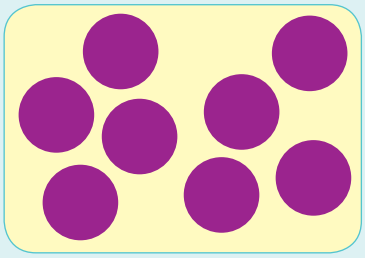
2 Olani mutalo ni tshi sumbedza hafu.



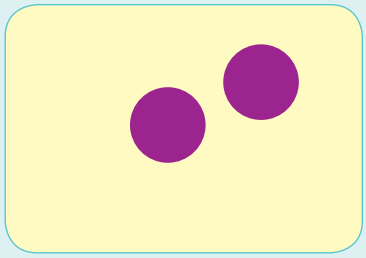
Hafu ya 4 ndi 2



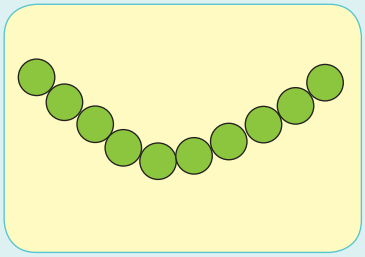
Hafu ya 6 ndi



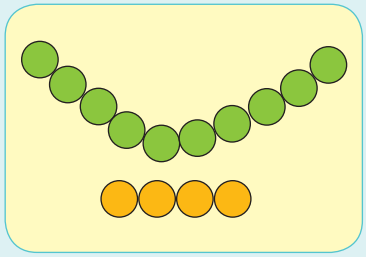
Hafu ya 8 ndi



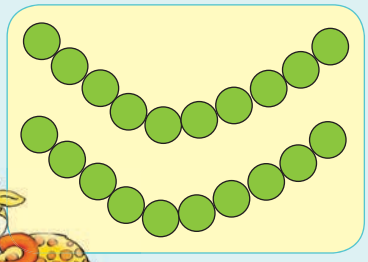
Hafu ya 2 ndi



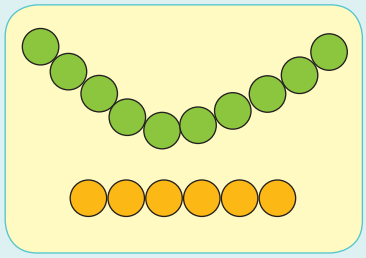
Hafu ya 10 ndi



Hafu ya 14 ndi

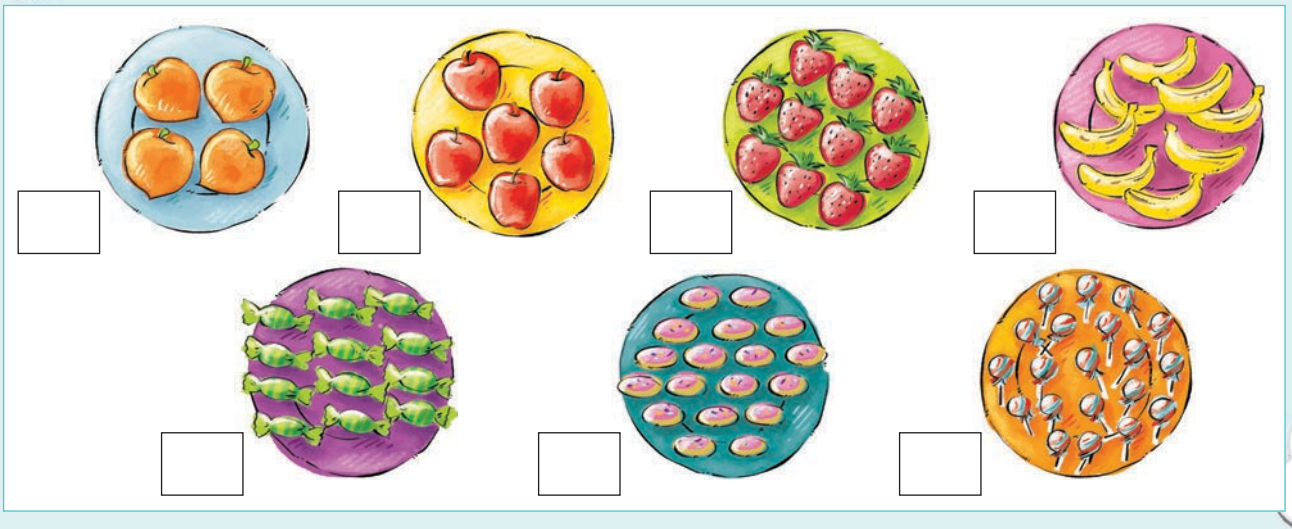


Hafu ya 20 ndi



Hafu ya 16 ndi

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



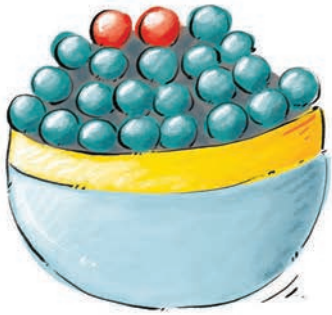
Teacher:
Sign:
Date:

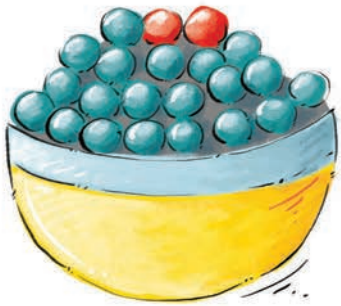
11 12 13 14 15 16 17 18 19 20

Deithi:

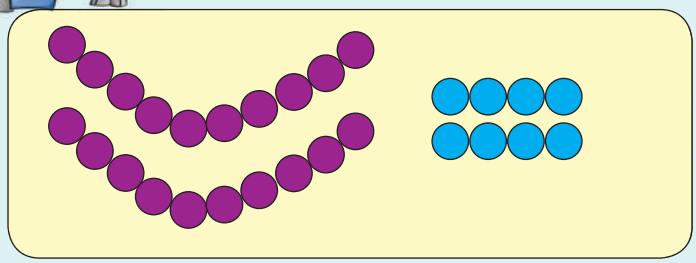
U kovhana 20 – 50

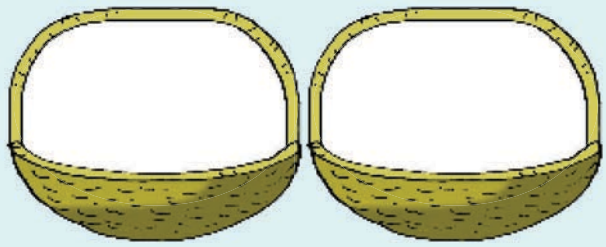
Ho itea mini kha vhulungu?

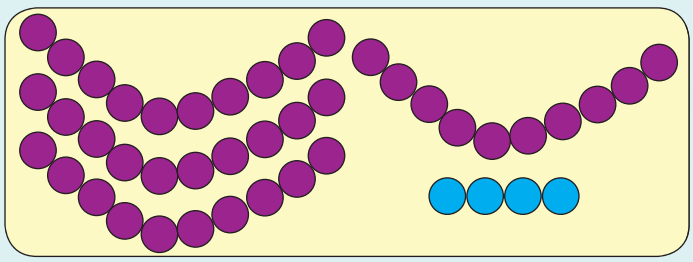


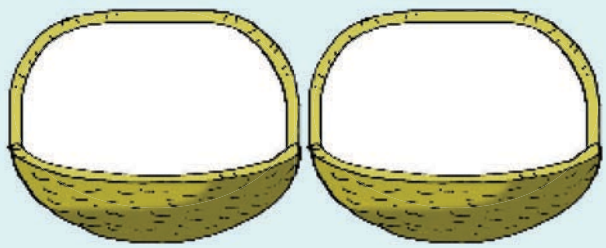


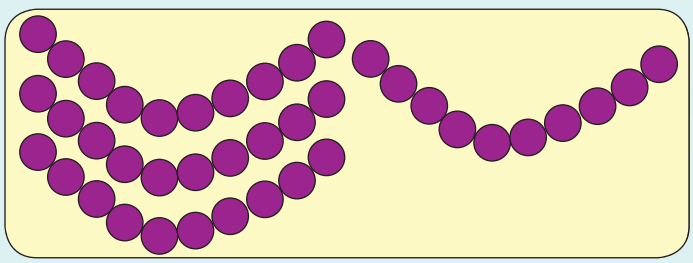
Kovhani vhulungu vhu re kha tsha monde kha manngi i re kha tsha ula. Vhu oleni.

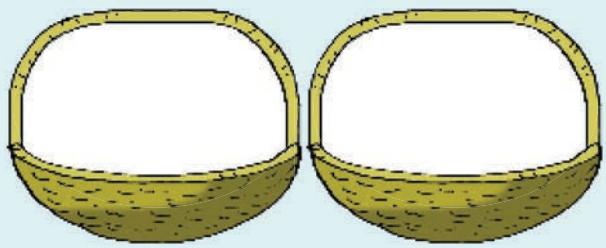


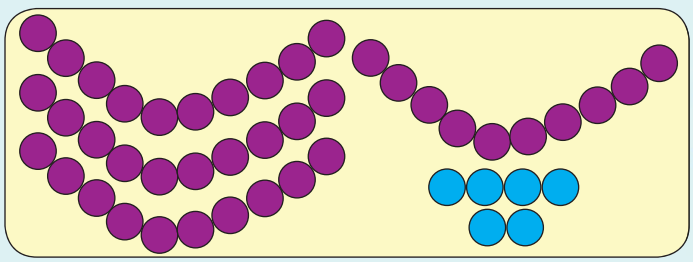


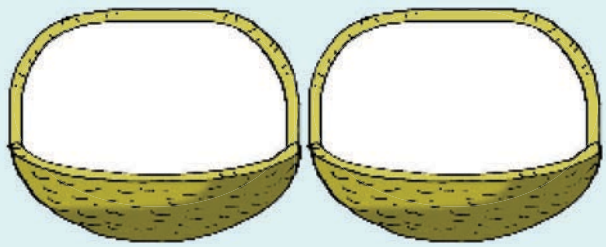


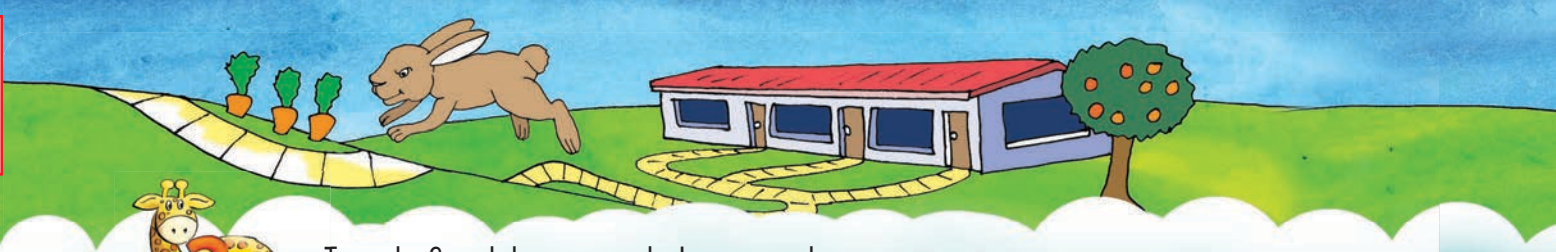




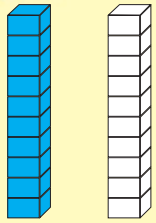




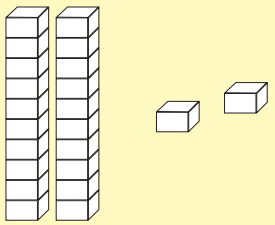




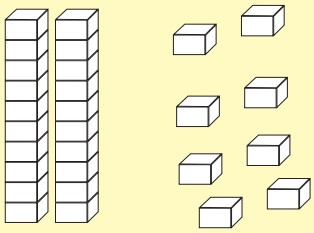
Itani hafu nthihi nga muvhala muṅwevho.



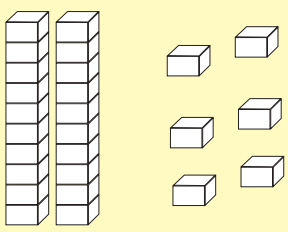
Hafu ya 20 ndi 10



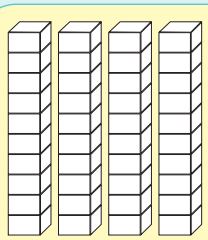
Hafu ya 22 ndi ☐



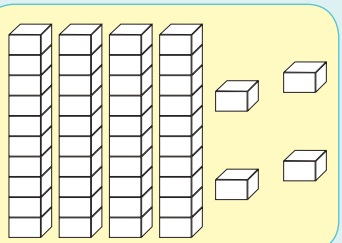
Hafu ya 28 ndi ☐



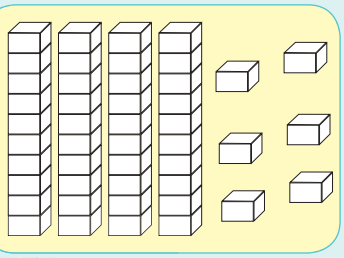
Hafu ya 26 ndi ☐



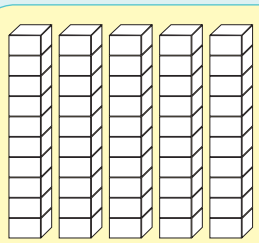
Hafu ya 40 ndi ☐



Hafu ya 44 ndi ☐

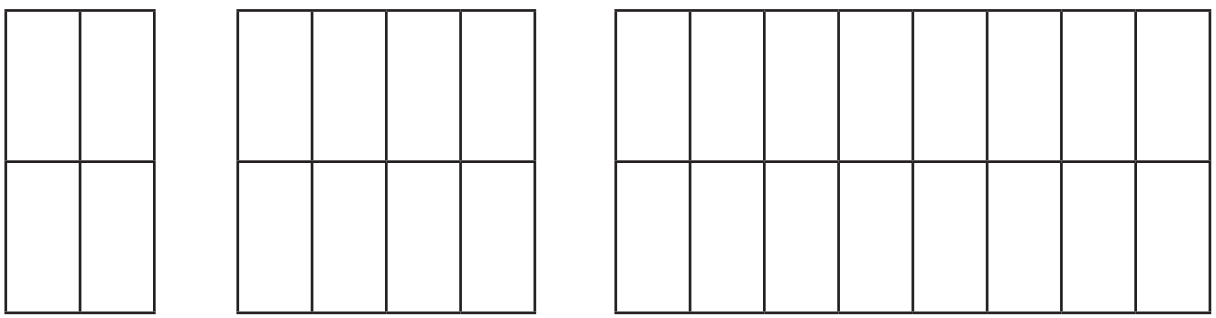


Hafu ya 46 ndi ☐



Hafu ya 50 ndi ☐

Khaḽarani hafu ya daigireme iṅwe na iṅwe.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Deithi:

Data

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

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

Olani girafu ya zwifanyiso ya mitshelo ye na nanguludza.

Sedzani mitshelo ni fhindule mbudziso.

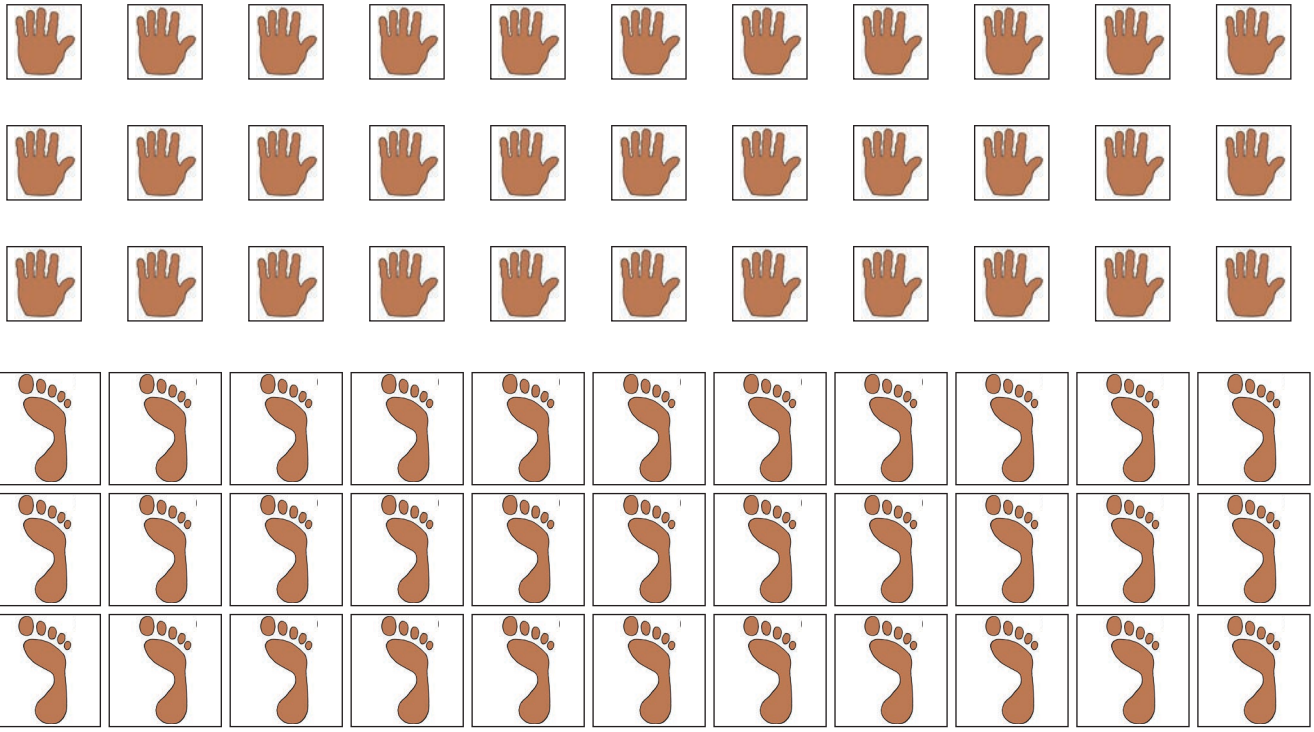
Ndi mitshelo ifhio i re minzhi?

Ndi mitshelo ifhio i re miṱuku?

Teacher:
Sign:
Date:

Tshigeriwa I

Mabammbiri a u shemela a 10 na 40



Bammbiri ḽa u shemela ḽa 13

matshelonitsheloni	mathabama	masiari
vhusiku	vhusikusiku	matsheloni na maṱavhelo

Tshigeriwa 2

Bammbiri ḽa u shumela ḽa 22

Zwiwo zwa ḓivhazwakale

Ḓuvha ḽa Pfanelo dza Vhathu

Ḓuvha ḽa Vhupfumedzani

Ḓuvha ḽa Vhashumi

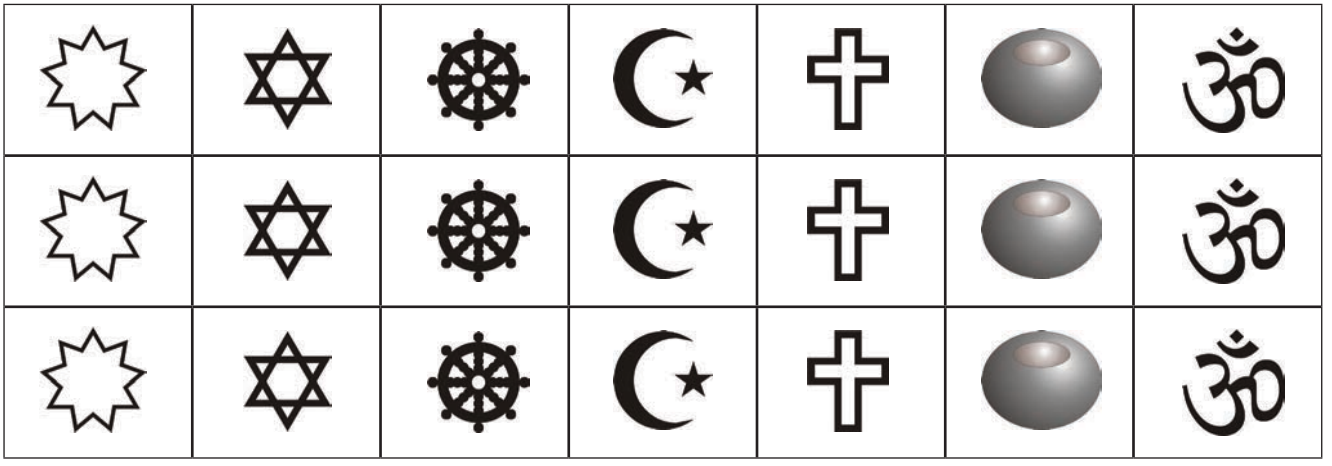
Ḓuvha ḽa Vhaswa

Ḓuvha ḽa Vhufa

Ḓuvha ḽa Vhafumakadzi ḽa Lushaka

Ḓuvha ḽa Mbofholowo

Zwiga zwa vhurereli



Tshibahai | Tshiyuda | Tshibuda | Tshiisiḽamu | Tshikhriṱe | Vhurereli ha Tshiafrika | Tshihindu

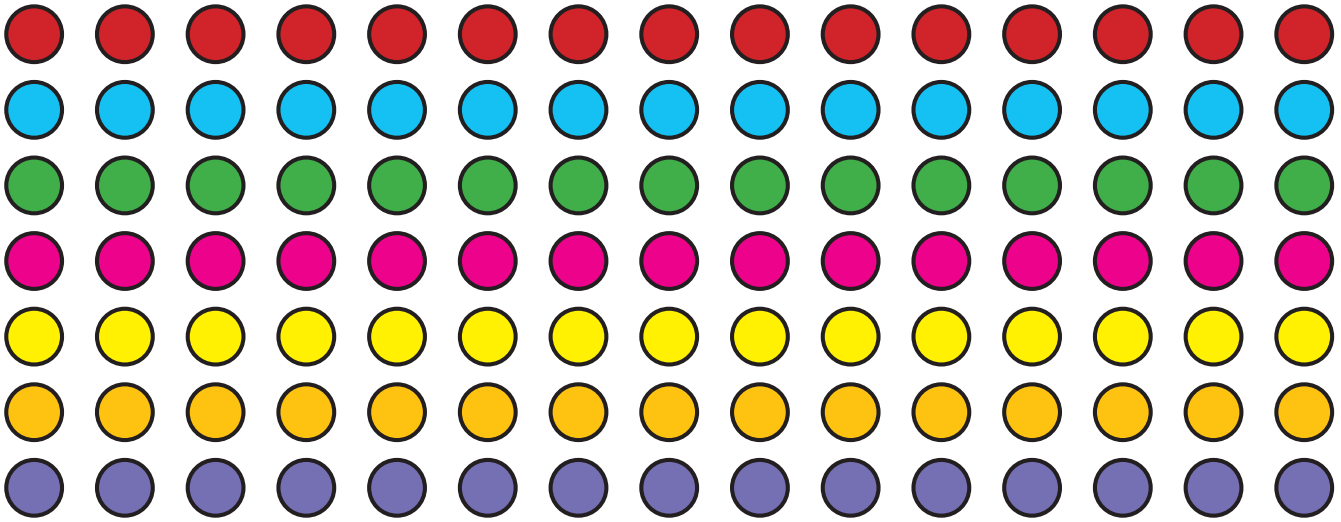
Cut-out 3

Worksheets 25 and 26

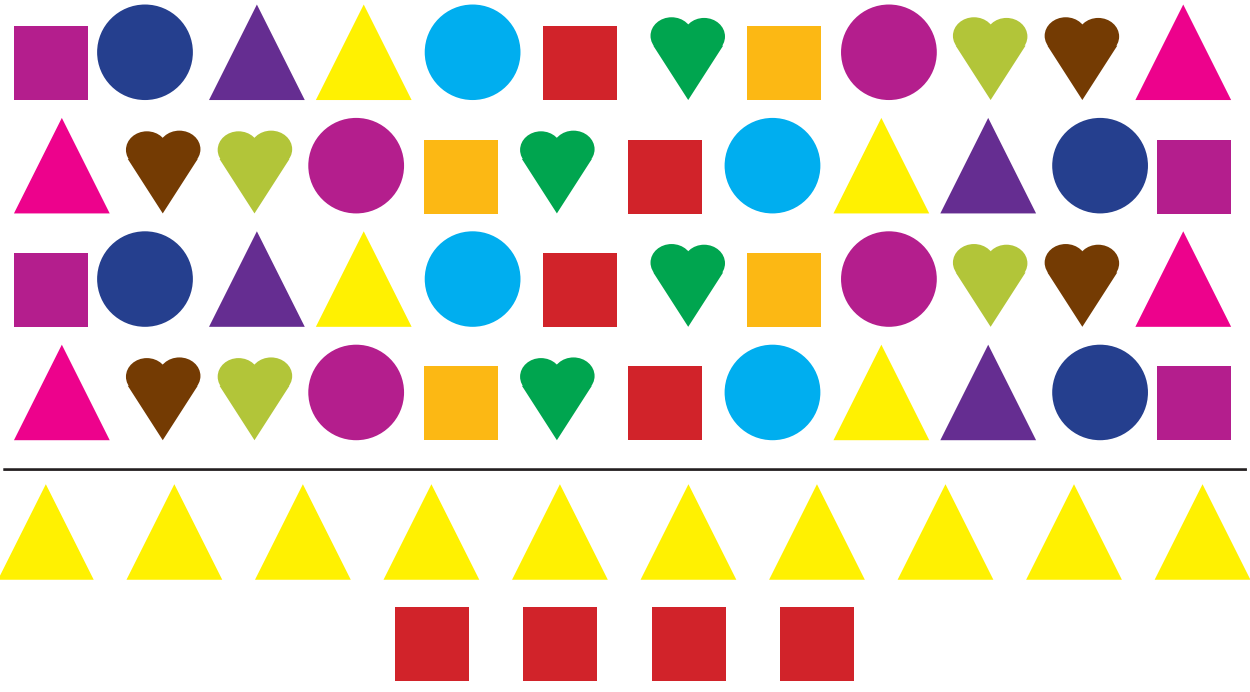
R50	R50	R50	R50	R50
R10	R10	R10	R10	R10
R20	R20	R20	R20	R20
R100	R100	R100	R100	R100
R50	R50	R50	R50	R50
R10	R10	R10	R10	R10
R20	R20	R20	R20	R20
R100	R100	R100	R100	R100

Cut-out 4

Worksheet 27



Worksheet 60



Worksheet 61