

GRADE 3

TERM 1 2019

MATHEMATICS

ENGLISH /

TSHIVENDA

RESOURCE PACK

PRINTABLE RESOURCES

The following printable resources are available in this section:

1. Resource sheets
2. Mental mathematics challenge cards: Bilingual version
3. Enrichment activity cards: English version
4. Enrichment activity cards: Tshivenda version

1. Resource Sheets

This is a list of the mathematical resources that you will need this term. You need to make sure that you have them for the lessons for which they are recommended.

1. Flard cards (several lessons)
2. Base ten blocks (several lessons)
3. Blank 100 square (Lesson 3)
4. 100 square (several lessons)
5. 101–200 number board (Lesson 4)
6. Number lines (several lessons)
7. Fraction worksheet (Lesson 29)
8. Fraction strips (Lesson 31)
9. Fraction circles (Lesson 31)
10. Fraction wall (Lesson 31)
11. Analogue clock (Lessons 35 and 36)
12. 1–200 number boards (Lesson 38–40)

Resources for each day of teaching

There are also other resources such as informal resources (old magazines, pieces of string, scrap paper, etc.) that you may need in certain lessons. You should have a careful look at the list of resources needed for each lesson; this list is given in the lesson plans each day. Prepare yourself, so that you have the necessary resources for the lessons on a daily basis.

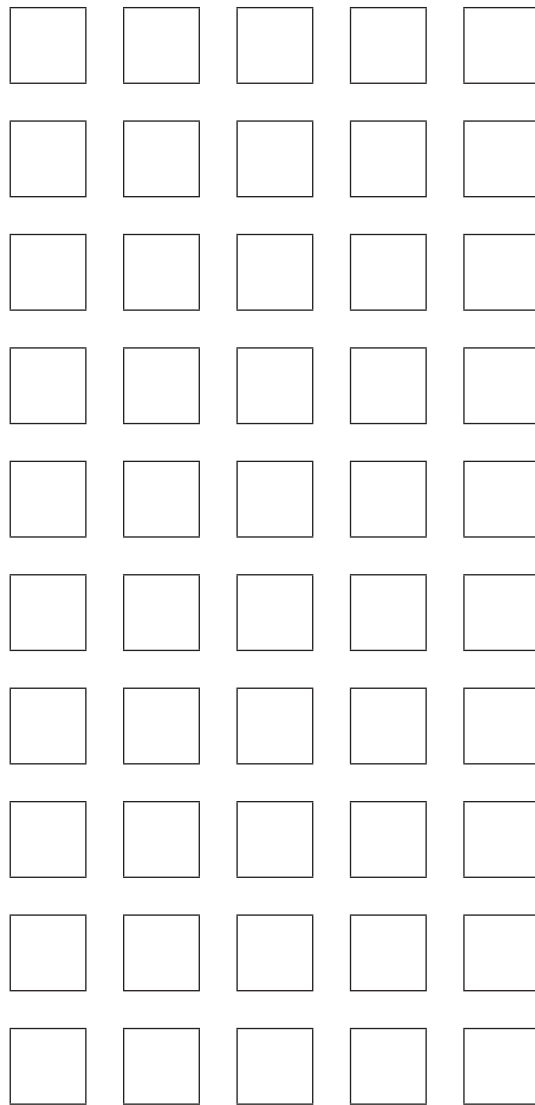
1. Garaṭa dza u guda (Nguso dzo fhambanaho)

1	1	0	1	0	0
2	2	0	2	0	0
3	3	0	3	0	0
4	4	0	4	0	0
5	5	0	5	0	0
6	6	0	6	0	0
7	7	0	7	0	0
8	8	0	8	0	0
9	9	0	9	0	0
		1	0	0	0

2. Mabuḽoko a u vhalela nga fumi (Nguso dzo fhambanaho)

To make the base ten block kit you need to paste a copy of this sheet onto cardboard and then cut out all of the blocks.

- The small blocks are used to represent units/ones.
- The long blocks are used to represent tens.
- The big flat blocks are used to represent hundreds



3. Tshikwea tsha 100 tshi si na tshithu (Nguso 3)

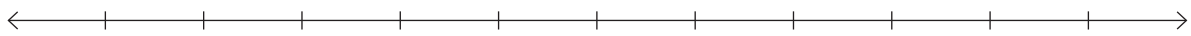
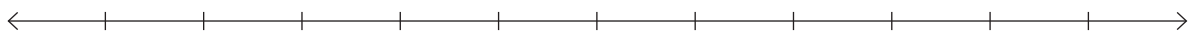
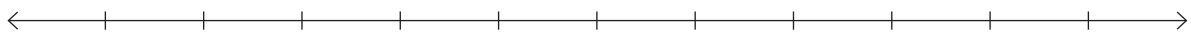
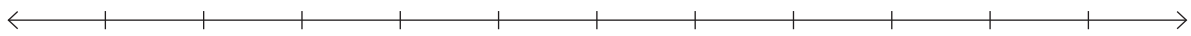
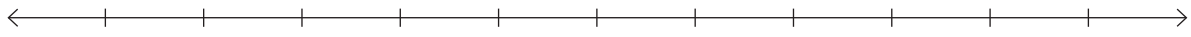
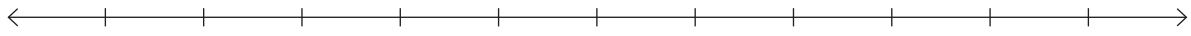
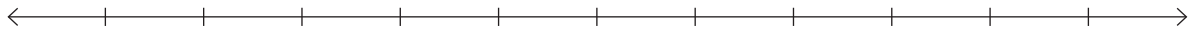
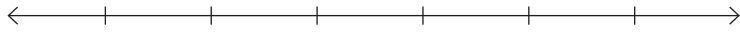
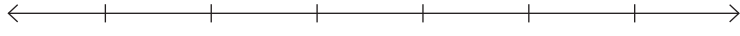
4. Tshikwea tsha (Nguso dzo fhambanaho)

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

5. 101-200 Nomboro dza bodo (Nguso 4)

101	102	103	104	105	106	107	108	109	100
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

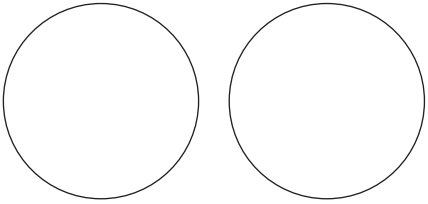
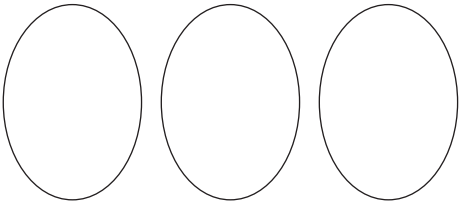
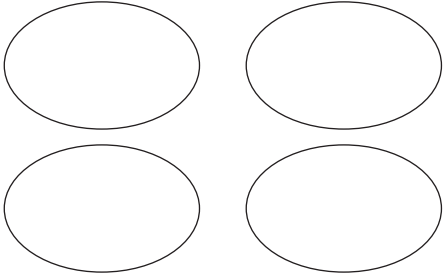
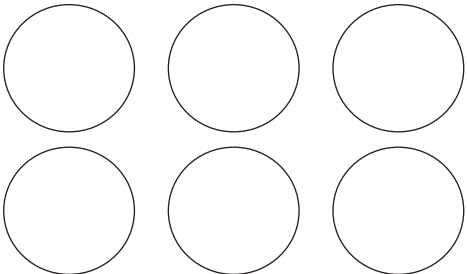
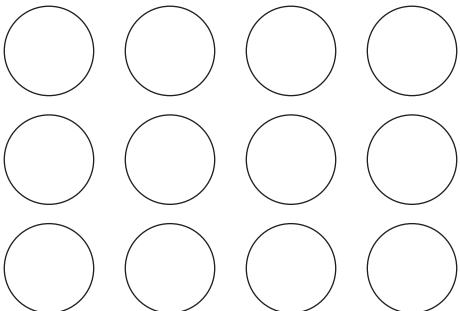
6. Mitalo mbalo (Nguso dzo fhambanaho)



7. Mabammbiti a mushumi wa furakishini (Nguso 29)

Name: _____

Date: _____

Share twelve counters equally in each row	What did you do?	What did you find?
	<p>I shared ____ counters into ____ groups of equal size.</p> <p>Each group had ____ counters.</p> <p>____ is half of 12.</p>	<p>$\frac{1}{2}$ of 12 is ____</p> <p>$\frac{2}{2}$ of 12 is ____</p>
	<p>I shared ____ counters into ____ groups of equal size.</p> <p>Each group had ____ counters.</p> <p>____ is ____ of 12.</p>	<p>$\frac{1}{3}$ of 12 is ____</p> <p>$\frac{2}{3}$ of 12 is ____</p> <p>$\frac{3}{3}$ of 12 is ____</p>
	<p>I shared ____ counters into ____ groups of equal size.</p> <p>Each group had ____ counters.</p> <p>____ is ____ of 12.</p>	<p>$\frac{1}{4}$ of 12 is ____</p> <p>$\frac{2}{4}$ of 12 is ____</p> <p>$\frac{3}{4}$ of 12 is ____</p> <p>$\frac{4}{4}$ of 12 is ____</p>
	<p>I shared ____ counters into ____ groups of equal size.</p> <p>Each group had ____ counters.</p> <p>____ is ____ of 12.</p>	<p>$\frac{1}{6}$ of 12 is ____</p> <p>$\frac{2}{6}$ of 12 is ____</p> <p>$\frac{5}{6}$ of 12 is ____</p> <p>$\frac{6}{6}$ of 12 is ____</p>
	<p>I shared ____ counters into ____ groups of equal size.</p> <p>Each group had ____ counters.</p> <p>____ is ____ of 12.</p>	<p>$\frac{1}{12}$ of 12 is ____</p> <p>$\frac{5}{12}$ of 12 is ____</p> <p>$\frac{7}{12}$ of 12 is ____</p> <p>$\frac{8}{12}$ of 12 is ____</p>

8. Tshikwea tsha (Nguso dzo fhambanaho)

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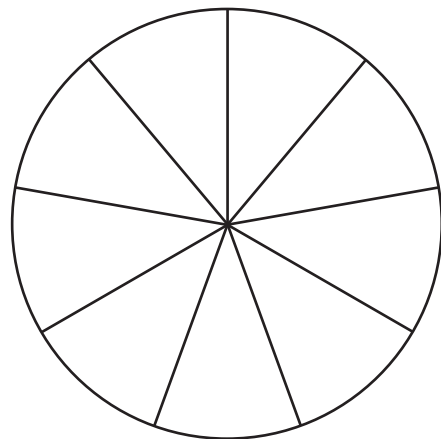
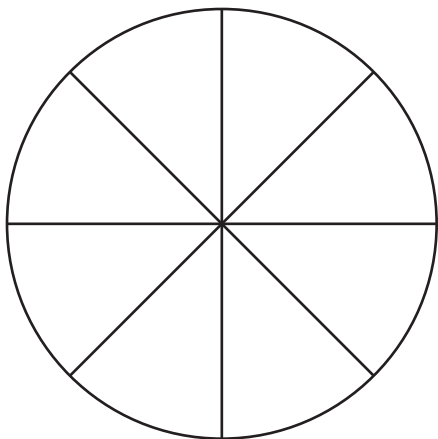
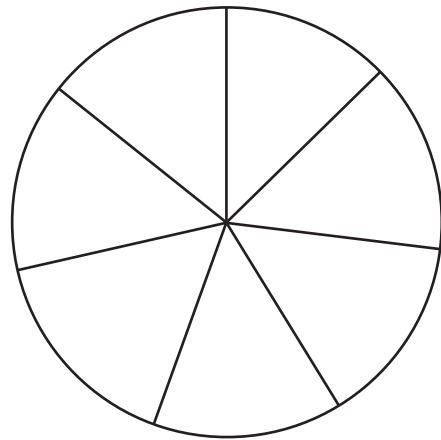
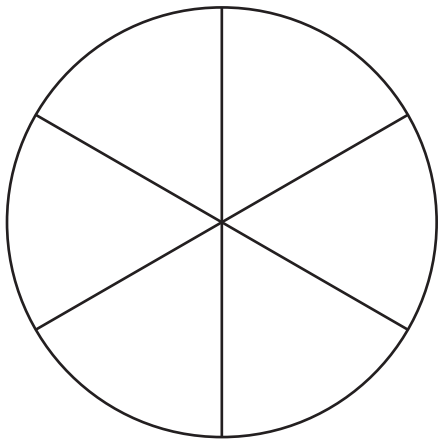
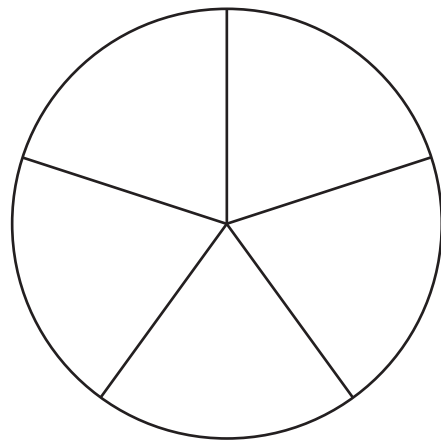
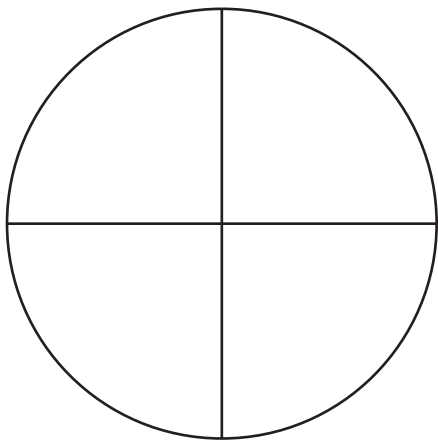
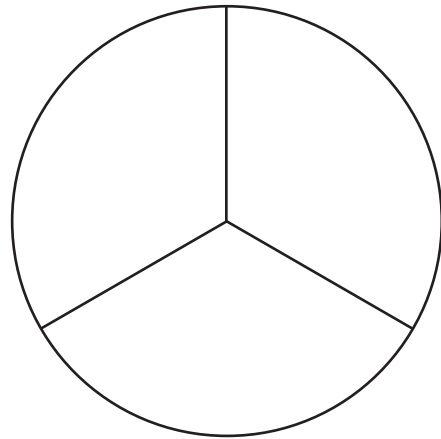
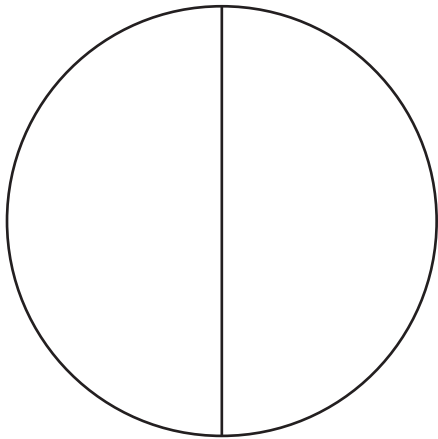
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9. Sekele ya furakishinis (Nguso 31)



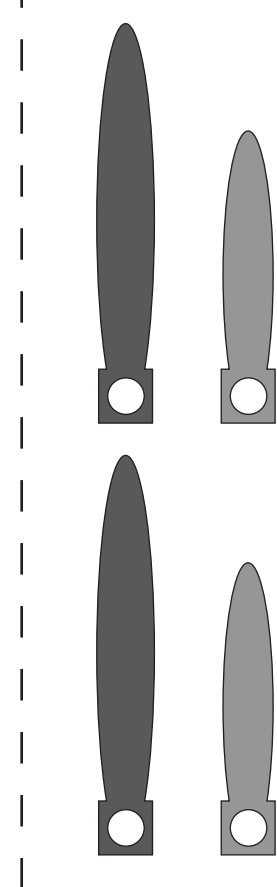
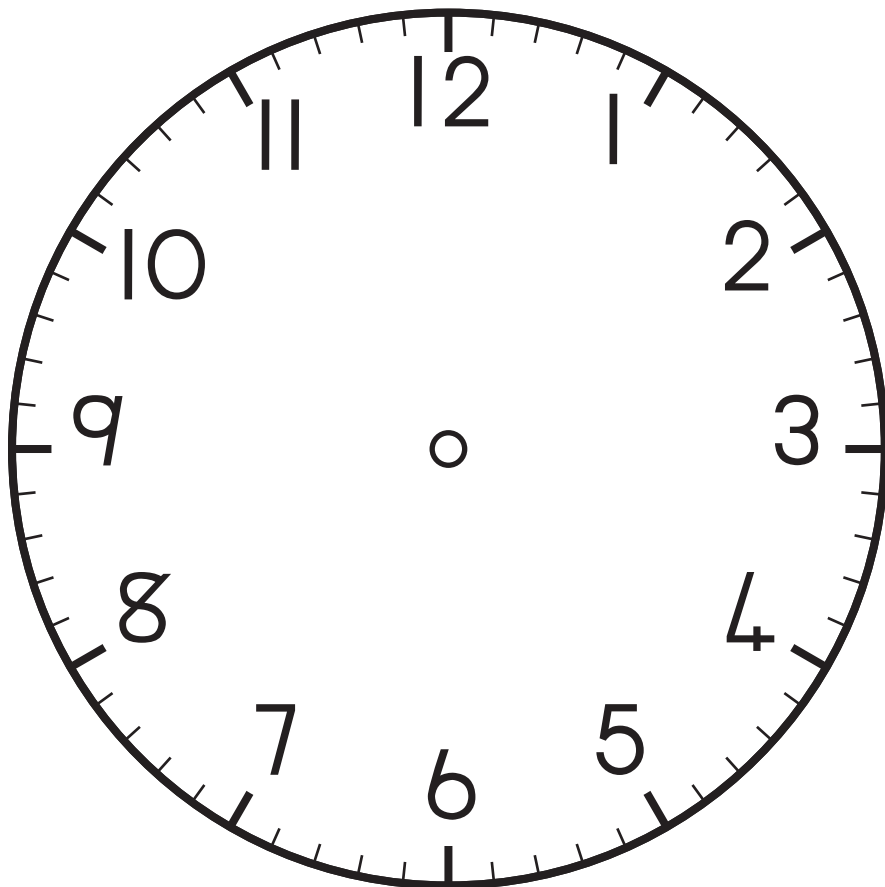
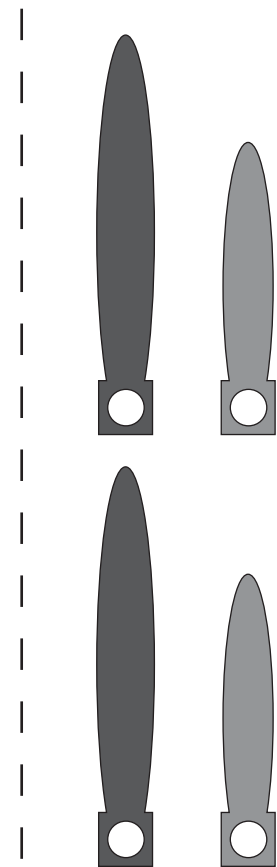
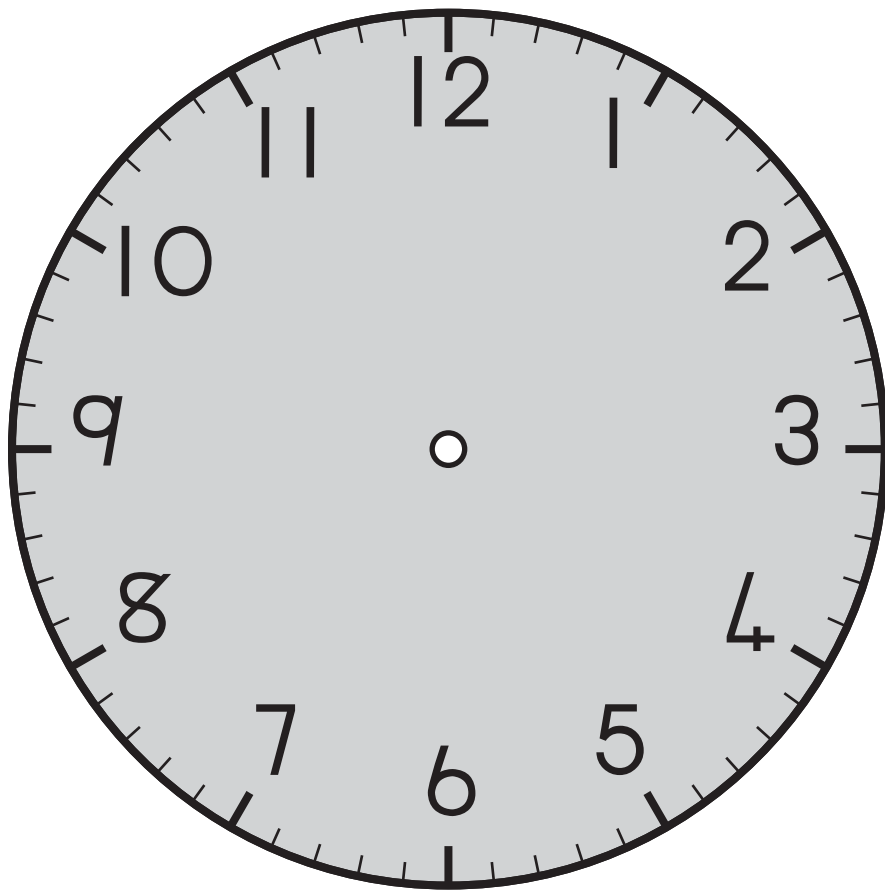
10. Luvhondo lwa furakishini (Nguso 31)

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11. Watshi ya analogo (Nguso 46)



12. 1-200 Nomboro dza bodo (Nguso 38-40)

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
101	102	103	104	105	106	107	108	109	100
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

2. Mental Mathematics Challenge Cards: Bilingual version

Each term there will be a set of eight mental mathematics challenge cards. If you make them into cards and collect them over the course of the year, you will have a set of one card per teaching week for a year.

Use of the mental mathematics challenge cards

Once a week learners should do mental mathematics in written form, so that there is some record of your daily mental mathematics activities. You can use the **mental mathematics challenge cards** for this purpose.

Learners should not use concrete material to work out the answers in mental mathematics. If learners need to, let them use their fingers as a concrete aid during mental mathematics, but make a note of who they are and then spend time with them during remediation to help them with the basic number and operation skills. Mental mathematics skills improve hugely from Grade 1 to Grade 3. In Grade 1 learners might only manage five questions, especially when they have to write the answers, but by Grade 3 learners should manage ten questions with written answers easily.

Maths Challenge Card 1

Subtraction number range 0-20

Khaedu ya Divhambalo garata 1

U tusa tselana ya nomboro 0-20

1. $9 - 2 =$
2. $13 - 5 =$
3. $20 - 2 =$
4. $11 - 4 =$
5. $18 - 10 =$
6. $19 - 11 =$
7. $20 - 10 =$
8. $13 - 2 =$
9. $14 - 5 =$
10. $20 - 11 =$

Maths Challenge Card 2

Addition of multiples of 10 to 100

Khaedu ya Divhambalo garata 2

U țang anyisa nyandisedzwi ya 10-100

1. $\square + 70 = 100$
2. $\square + 50 = 100$
3. $20 + \square = 100$
4. $40 + \square = 100$
5. $60 + \square = 100$
6. $90 + \square = 100$
7. $\square + 30 = 100$
8. $\square + 80 = 100$
9. $\square + 20 + 100$
10. $10 + \square = 100$

Maths Challenge Card 3

Doubling and halving

IKhaedu ya Divhambalo garata 3

U davhula na u hafula

1. $10 + 10 =$
2. $100 + 100 =$
3. $20 + 20 =$
4. $40 + 40 =$
5. $30 + 30 =$
6. $14 \div 2 =$
7. $140 \div 2 =$
8. $12 \div 2 =$
9. $120 \div 2 =$
10. $400 \div 2 =$

Maths Challenge Card 4

Add 10 plus 1 (breaking down 11)

Khaedu ya Divhambalo garata 4

Tanganyani 10 nal (Nitsh khou thukukanya)

1. $54 + 11 =$
2. $47 + 11 =$
3. $27 + 11 =$
4. $44 + 11 =$
5. $28 + 11 =$
6. $57 + 11 =$
7. $75 + 11 =$
8. $22 + 11 =$
9. $88 + 11 =$
10. $14 + 11 =$

Maths Challenge Card 1: Answers

Subtraction number range 0-20

Khaedu ya Divhambalo garata 1: Phindulo

U tusa tselana ya nomboro 0-20

1. 7
2. 8
3. 18
4. 7
5. 8
6. 8
7. 10
8. 11
9. 9
10. 9

Maths Challenge Card 2: Answers

Addition of multiples of 10 to 100

Khaedu ya Divhambalo garata 2: Phindulo

U tnganyisa nyandisedzwi ya 10-100

1. 30
2. 50
3. 80
4. 60
5. 40
6. 10
7. 70
8. 20
9. 80
10. 90

Maths Challenge Card 3: Answers

Doubling and halving

Khaedu ya Divhambalo garata 3: Phindulo

U davhula na u hafula

1. 20
2. 200
3. 40
4. 80
5. 60
6. 7
7. 70
8. 6
9. 60
10. 200

Maths Challenge Card 4: Answers

Add 10 plus 1 (breaking down 11)

Khaedu ya Divhambalo garata 4: Phindulo

Tanganyani 10 nal (Nitsh khou thukukanya)

1. 65
2. 58
3. 38
4. 55
5. 39
6. 68
7. 86
8. 33
9. 99
10. 25

Maths Challenge Card 5

Subtract 10 plus 1 (breaking down 11)

Khaedu ya Divhambalo garata 5

Tusani 10 tanganyana (u thukhukanya 11)

1. $54 - 11 =$
2. $47 - 11 =$
3. $27 - 11 =$
4. $44 - 11 =$
5. $28 - 11 =$
6. $57 - 11 =$
7. $75 - 11 =$
8. $22 - 11 =$
9. $88 - 11 =$
10. $14 - 11 =$

Maths Challenge Card 6

Addition number range 0-20

Khaedu ya Divhambalo garata 6

U tanganya tselano ya ne nomboro: 0-20

1. $15 + \square = 20$
2. $8 + \square = 20$
3. $7 + \square = 20$
4. $16 + \square = 20$
5. $14 + \square = 20$
6. $13 + \square = 20$
7. $12 + \square = 20$
8. $10 + \square = 20$
9. $19 + \square = 20$
10. $17 + \square = 20$

Maths Challenge Card 7

Add 10; $10 + 1$ or $10 - 1$

Khaedu ya Divhambalo garata 7

Tanganyani 10; $10 + 1$ kana $10 - 1$

1. $10 + 10 =$
2. $10 + 11 =$
3. $10 + 9 =$
4. $20 + 20 =$
5. $20 + 19 =$
6. $20 + 21 =$
7. $50 + 50 =$
8. $50 + 49 =$
9. $50 + 51 =$
10. $100 + 101 =$

Maths Challenge Card 8

Counting in 2s and 10s

Khaedu ya Divhambalo garata 8

Uvhala na vho 20 na vho 10

1. 8, 10, 12, ____, ____, ____
2. 0, 2, 4, ____, ____, ____
3. ____, ____, ____, 6, 4, 2
4. ____, ____, ____, 12, 14, 16
5. 20, 18, 16, ____, ____, ____
6. 10, 20, 30, ____, ____, ____
7. ____, ____, ____, 80, 90, 100
8. ____, ____, ____, 60, 50, 40
9. 30, ____, ____, ____, 70
10. 60, ____, ____, ____, 20

Maths Challenge Card 5: Answers

Subtract 10 plus 1 (breaking down 11)

**Karata 5 ya Kgwetlho ya Matesisi:
Phindulo**

Tusani 10 tanganyana (u thukhukanya 11)

1. 43
2. 36
3. 16
4. 33
5. 17
6. 46
7. 64
8. 11
9. 77
10. 3

Maths Challenge Card 6: Answers

Addition number range 0–20

**Karata 6 ya Kgwetlho ya Matesisi:
Phindulo**

U tanganya tselano ya ne nomboro: 0-20

1. 5
2. 12
3. 13
4. 4
5. 6
6. 7
7. 8
8. 10
9. 1
10. 3

Maths Challenge Card 7: Answers

Add 10; $10 + 1$ or $10 - 1$

**Karata 7 ya Kgwetlho ya Matesisi:
Phindulo**

Tanganyani 10; $10 + 1$ kana $10 - 1$

1. 20
2. 21
3. 19
4. 40
5. 39
6. 41
7. 100
8. 99
9. 101
10. 201

Maths Challenge Card 8: Answers

Counting in 2s and 10s

**Karata 8 ya Kgwetlho ya Matesisi:
Phindulo**

Uvhala na vho 20 na vho 10

1. 14, 16, 18
2. 6, 8, 10
3. 12, 10, 8
4. 6, 8, 10
5. 14, 12, 10
6. 40, 50, 60
7. 50, 60, 70
8. 90, 80, 70
9. 40, 50, 60
10. 50, 40, 30

3. Enrichment Activity Cards: English version

Each term a set of new enrichment cards will be provided. You should retain this set, as they will not be reproduced each term.

Use of the enrichment activity cards

Optional as required.

These cards include activities that you can use for enrichment opportunities for learners who have completed the lesson activities ahead of the rest of the class. Learners should work on these cards independently or with their peers who have also completed the classwork. You may need to explain some of the activities to the learners who use them. You should remind them to ask you questions about any of the enrichment activities that they are doing, so that you can guide them as necessary.

You should photocopy the enrichment cards, paste them onto cardboard and laminate them (if possible), so that they can be used as a resource, not only this year but in the future as well.

Put the cardboard laminated cards into a box in a set place in your classroom, so that learners know where to find them. These cards are for all learners and do not have to be used in a particular order. Learners should keep a record of the cards that they have done, so that they continue to choose a new card each time they go to the box. Learners must be taught to replace the cards in numeric order in the box, so that everyone who looks for cards can easily find the one they want to use.

Enrichment Activity 1.1

Complete the magic squares. All the rows need to add up to the number indicated at the top of each square.

	16	
	2	
3	5	
		4

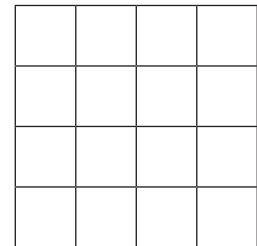
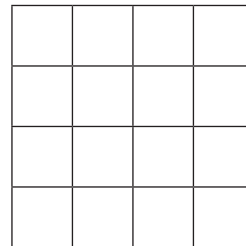
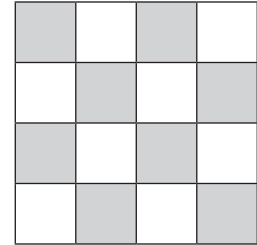
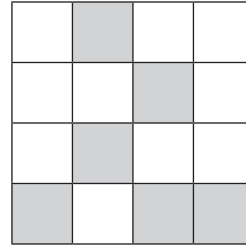
	20	
		0
	4	
	5	

	25	
	9	6
	4	
2		11

	29	
		13
12	5	
	13	

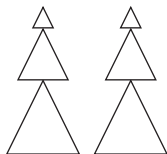
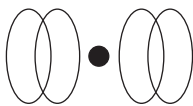
Enrichment Activity 1.2

Colour the squares at the bottom to match the ones at the top.



Enrichment Activity 1.3

Complete the patterns.



Enrichment Activity 1.4

Complete the patterns.

4	3	4					
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9	1	2	9				
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6	9	9	3	6			
---	---	---	---	---	--	--	--

2	4	3	2	4			
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Enrichment Activity 1.1: Answers

Complete the magic squares. All the rows need to add up to the number indicated at the top of each square.

16		
10	2	4
3	5	8
3	9	4

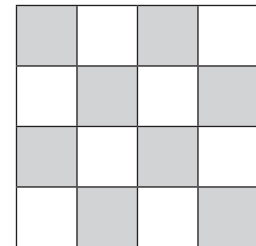
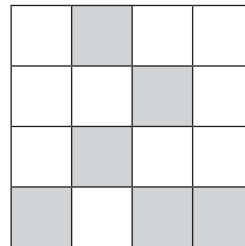
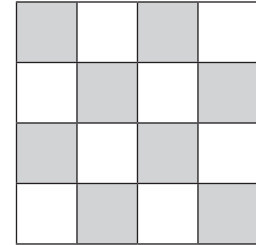
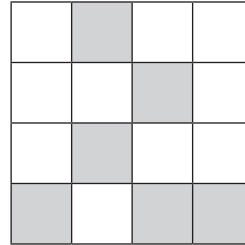
20		
10	10	0
2	4	14
8	6	6

25		
10	9	6
13	4	8
2	12	11

29		
5	11	13
12	5	12
12	13	4

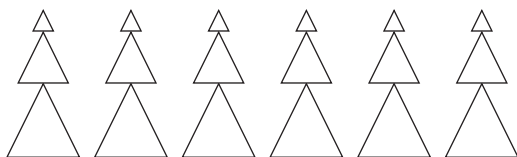
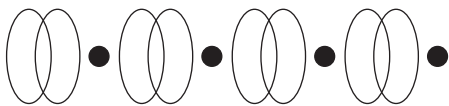
Enrichment Activity 1.2: Answers

Colour the squares at the bottom to match the ones at the top.



Enrichment Activity 1.3: Answers

Complete the patterns.



Enrichment Activity 1.4: Answers

Complete the patterns.

4	3	4	3	4	3	4	3
---	---	---	---	---	---	---	---

9	1	2	9	1	2	9	1
---	---	---	---	---	---	---	---

6	9	9	3	6	9	9	3
---	---	---	---	---	---	---	---

2	4	3	2	4	3	2	4
---	---	---	---	---	---	---	---

Enrichment Activity 1.5

Measure with your ruler.

How long is your thumb? _____ cm

How long is your ring finger? _____ cm

Measure your pencil. _____ cm.

A line that is 5 cm shorter than your ring finger
is _____ cm.

A line that is 5 cm longer than your thumb
is _____ cm.

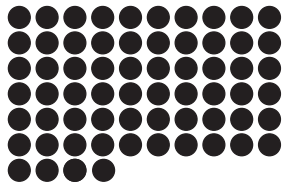
Enrichment Activity 1.6

Circle the pictures that you see from the top blue, and the ones you see from the front red.

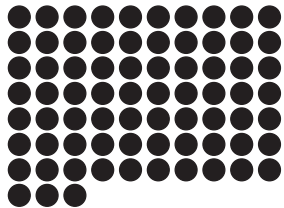


Enrichment Activity 1.7

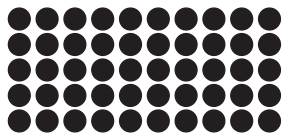
Write how many tens and units there are in each group.



____ tens ____ ones/units



____ tens ____ ones/units



____ tens ____ ones/units

Enrichment Activity 1.8

How many sticks are there.



Draw 48 sticks in the same way:

Enrichment Activity 1.5: Answers

Measure with your ruler.

Answers will vary

How long is your thumb? _____ cm

How long is your ring finger? _____ cm

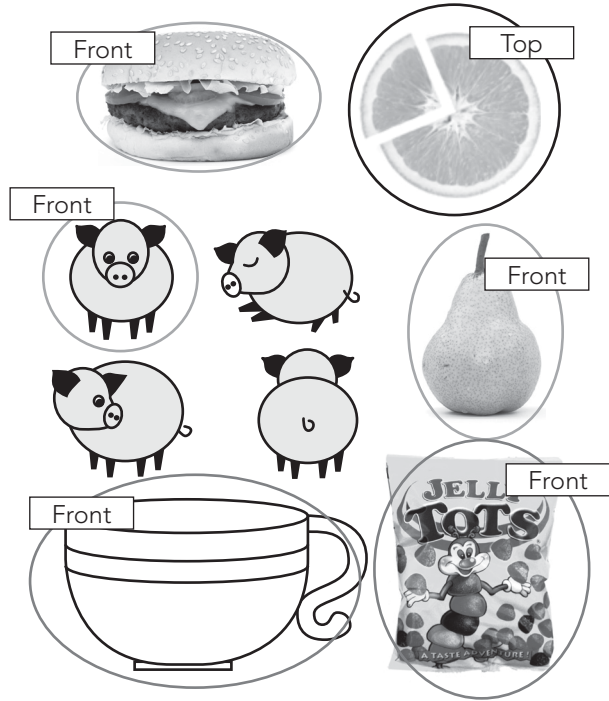
Measure your pencil. _____ cm.

A line that is 5 cm shorter than your ring finger
is _____ cm.

A line that is 5 cm longer than your thumb
is _____ cm.

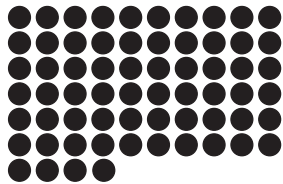
Enrichment Activity 1.6: Answers

Circle the pictures that you see from the top blue, and the ones you see from the front red.

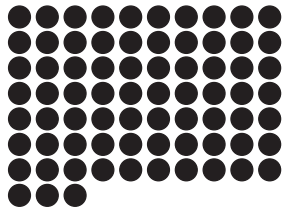


Enrichment Activity 1.7: Answers

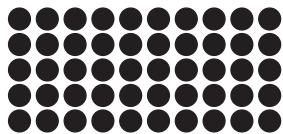
Write how many tens and units there are in each group.



6 tens 4 ones/units



7 tens 3 ones/units



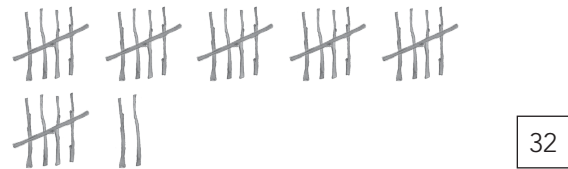
5 tens 0 ones/units

Enrichment Activity 1.8: Answers

How many sticks are there.

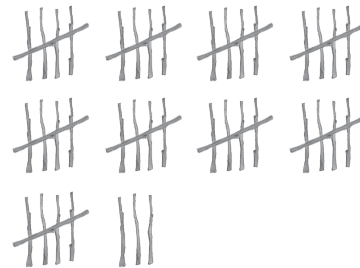


21



32

Draw 48 sticks in the same way:



Enrichment Activity 1.9

Match the number with the number name.

21	Forty-three
43	Twenty-nine
45	Fifty-one
29	Seventy-six
58	Twenty-one
51	Forty-five
54	Sixty-seven
67	Fifty-four
76	Fifty-eight

Enrichment Activity 1.10

Colour two numbers in each row that add up to 50.

19	9	3	31	7
----	---	---	----	---

12	48	41	10	9
----	----	----	----	---

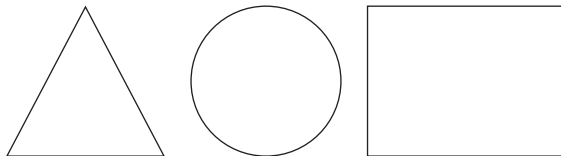
31	12	38	24	30
----	----	----	----	----

5	9	35	45	10
---	---	----	----	----

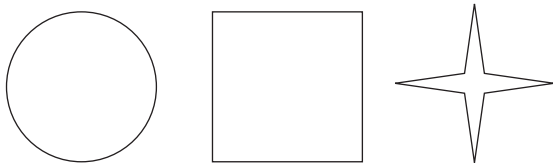
Enrichment Activity 1.11

Divide these shapes into:

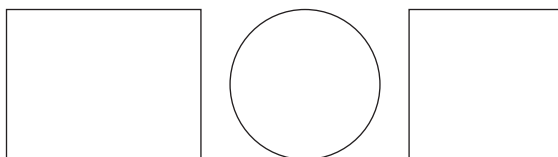
Halves



Quarters

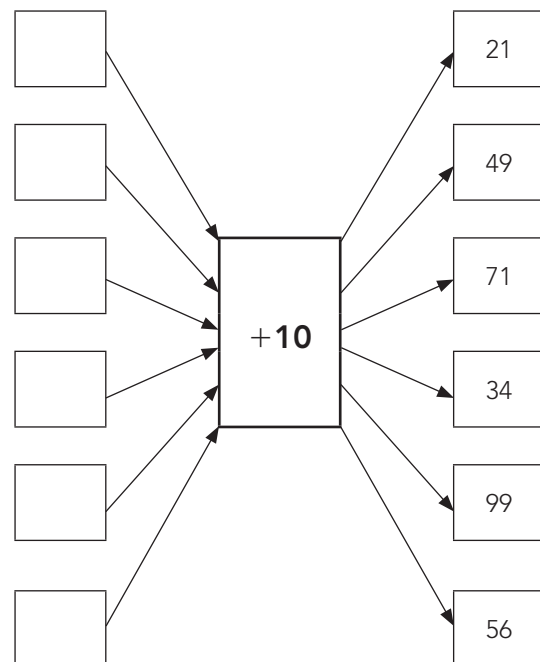


Thirds



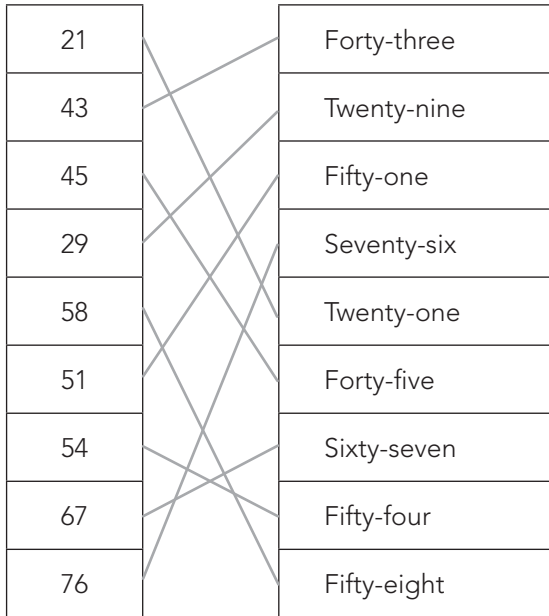
Enrichment Activity 1.12

Complete the following:



Enrichment Activity 1.9: Answers

Match the number with the number name.



Enrichment Activity 1.10: Answers

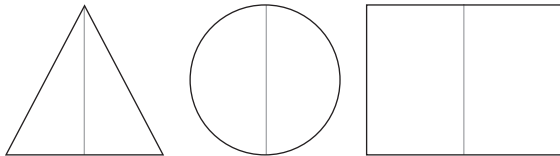
Colour two numbers in each row that add up to 50.



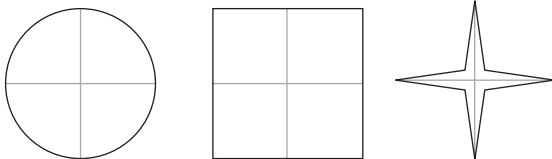
Enrichment Activity 1.11: Answers

Divide these shapes into:

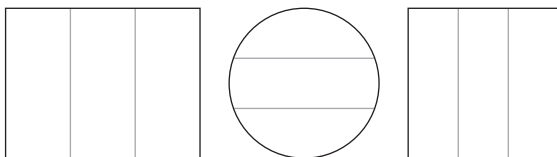
Halves



Quarters

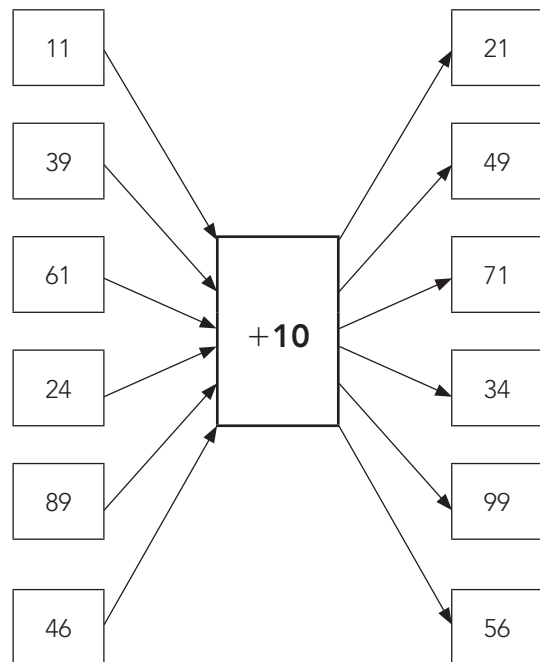


Thirds



Enrichment Activity 1.12: Answers

Complete the following:



Enrichment Activity 1.13

Colour the two numbers that add up to the given answer.

9	21	13	+	17	11	19	=	40
---	----	----	---	----	----	----	---	----

41	12	29	+	19	11	38	=	50
----	----	----	---	----	----	----	---	----

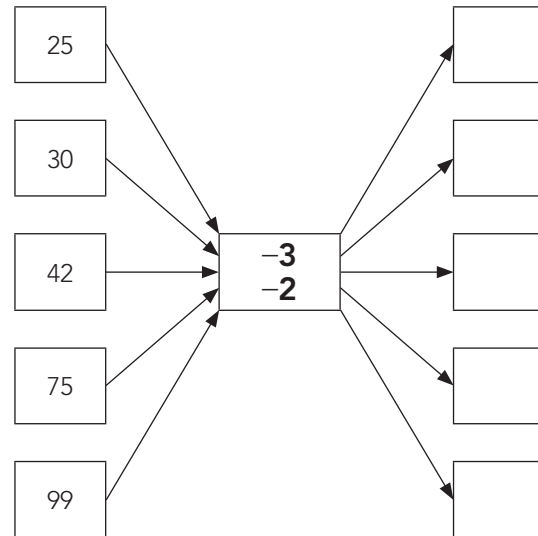
14	9	8	+	15	21	22	=	30
----	---	---	---	----	----	----	---	----

13	6	2	+	7	9	12	=	20
----	---	---	---	---	---	----	---	----

10	21	37	+	23	40	33	=	60
----	----	----	---	----	----	----	---	----

Enrichment Activity 1.14

Complete the following:



Enrichment Activity 1.15

Colour the circles:



Colour the first circle red.

Colour the last circle blue.

Colour the eighth circle green.

Colour the ninth circle yellow.

Colour the sixth circle pink.

Colour the third circle black.

Colour the second circle orange.

Enrichment Activity 1.16

Can you solve these problems?

1. Mom had R48.
She bought a cake for R45 and
a sweet for R1.
How much money does she have left?
2. Thandi had 80c.
She spent 25c on sweets and
18c on juice.
How much money does she have left?

Enrichment Activity 1.13: Answers

Colour the two numbers that add up to the given answer.

9	21	13	+	17	11	19	=	40
---	----	----	---	----	----	----	---	----

41	12	29	+	19	11	38	=	50
----	----	----	---	----	----	----	---	----

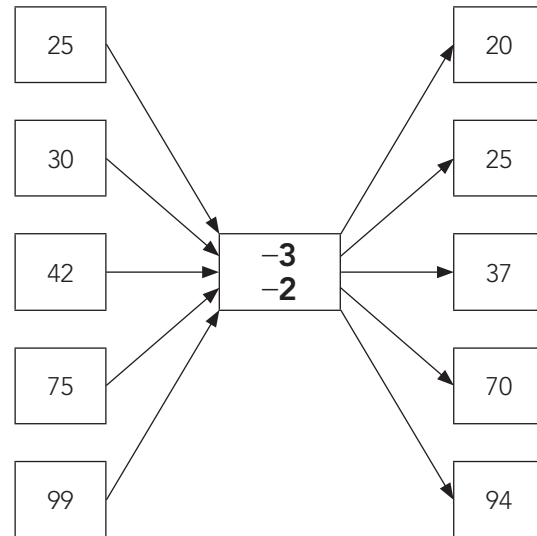
14	9	8	+	15	21	22	=	30
----	---	---	---	----	----	----	---	----

13	6	2	+	7	9	12	=	20
----	---	---	---	---	---	----	---	----

10	21	37	+	23	40	33	=	60
----	----	----	---	----	----	----	---	----

Enrichment Activity 1.14: Answers

Complete the following:



Enrichment Activity 1.15: Answers

Colour the circles:



Colour the first circle red.

Colour the last circle blue.

Colour the eighth circle green.

Colour the ninth circle yellow.

Colour the sixth circle pink.

Colour the third circle black.

Colour the second circle orange.

Enrichment Activity 1.16: Answers

Can you solve these problems?

1. Mom had R48.
She bought a cake for R45 and a sweet for R1.
How much money does she have left?
R2
2. Thandi had 80c.
She spent 25c on sweets and 18c on juice.
How much money does she have left?
37c

Enrichment Activity 1.17

Make a tick (✓) if the answer is correct.

Make a cross (✗) if the answer is wrong.

double 40 is 80	
half of 120 is 70	
double 90 is 180	
half of 200 is 100	
half of 160 is 60	
double 70 is 140	
double 60 is 120	
half of 140 is 80	

Enrichment Activity 1.18

Look at these patterns.

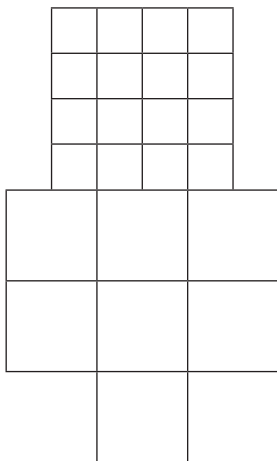
Make a tick (✓) if the answer is correct.

Make a cross (✗) if the answer is wrong.

$13 \times 15 \times 17 \times 19 \times 21 \times 23 \times 25 \times 27$	
$82 \times 84 \times 86 \times 90 \times 92 \times 94 \times 96$	
$110 \times 120 \times 130 \times 130 \times 140 \times 160 \times 170$	
$85 \times 90 \times 95 \times 100 \times 125 \times 130 \times 135$	
$11 \times 12 \times 13 \times 17 \times 18 \times 19 \times 20 \times 21$	

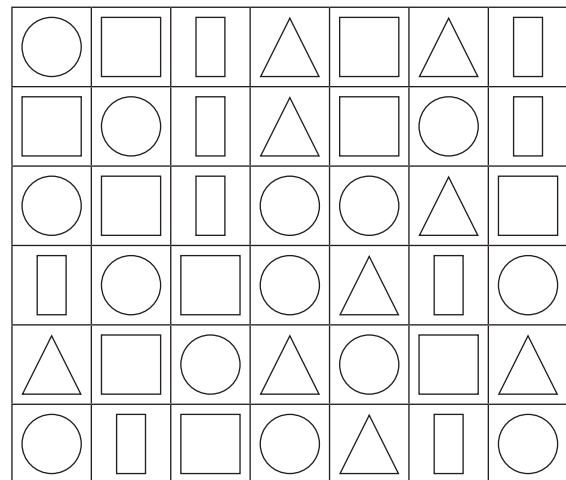
Enrichment Activity 1.19

How many squares can you count?



Enrichment Activity 1.20

Find the shapes.



How many

triangles? _____ rectangles? _____

circles? _____ squares? _____

Enrichment Activity 1.17: Answers

Make a tick (✓) if the answer is correct.
 Make a cross (✗) if the answer is wrong.

double 40 is 80	✓
half of 120 is 70	✗
double 90 is 180	✓
half of 200 is 100	✓
half of 160 is 60	✗
double 70 is 140	✓
double 60 is 120	✓
half of 140 is 80	✗

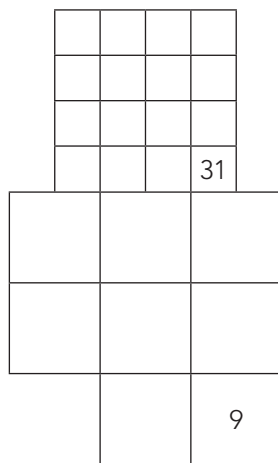
Enrichment Activity 1.18: Answers

Look at these patterns.
 Make a tick (✓) if the answer is correct.
 Make a cross (✗) if the answer is wrong.

$13 \times 15 \times 17 \times 19 \times 21 \times 23 \times 25 \times 27$	✓
$82 \times 84 \times 86 \times 90 \times 92 \times 94 \times 96$	✗
$110 \times 120 \times 130 \times 130 \times 140 \times 160 \times 170$	✗
$85 \times 90 \times 95 \times 100 \times 125 \times 130 \times 135$	✗
$11 \times 12 \times 13 \times 17 \times 18 \times 19 \times 20 \times 21$	✗

Enrichment Activity 1.19: Answers

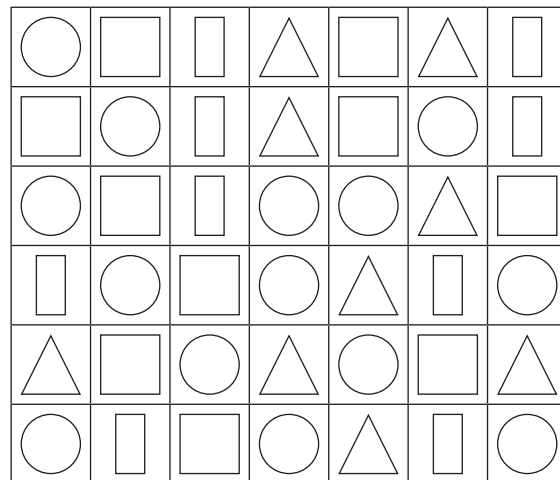
How many squares can you count?



40 squares

Enrichment Activity 1.20: Answers

Find the shapes.



How many
 triangles? 9 rectangles? 9
 circles? 14 squares? 10

Enrichment Activity 1.21

Complete the following:

10 more than 18 is _____

7 less than 20 is _____

12 less than 19 is _____

24 more than 16 is _____

31 more than 17 is _____

18 more than 15 is _____

15 more than 18 is _____

12 less than 20 is _____

41 more than 13 is _____

Enrichment Activity 1.22

Complete the following:

Double 4 plus 30 is _____

Double 6 plus 21 is _____

Double 5 plus 15 is _____

Double 7 plus 33 is _____

Double 9 plus 21 is _____

Enrichment Activity 1.23

Complete the pattern.

59	64	69							
----	----	----	--	--	--	--	--	--	--

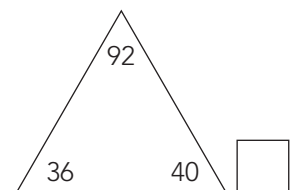
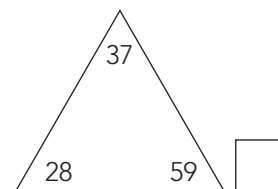
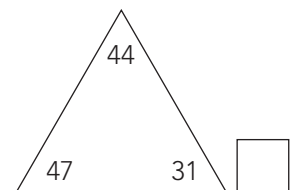
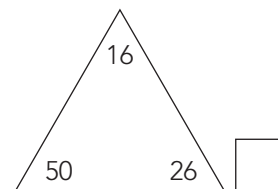
74	77	80							
----	----	----	--	--	--	--	--	--	--

69	65	61							
----	----	----	--	--	--	--	--	--	--

200	190								
-----	-----	--	--	--	--	--	--	--	--

Enrichment Activity 1.24

What is the value of each triangle?
Write the answer in the square.



Enrichment Activity 1.21: Answers

Complete the following:

10 more than 18 is 28

7 less than 20 is 13

12 less than 19 is 7

24 more than 16 is 40

31 more than 17 is 48

18 more than 15 is 33

15 more than 18 is 33

12 less than 20 is 8

41 more than 13 is 54

Enrichment Activity 1.22: Answers

Complete the following:

Double 4 plus 30 is 38

Double 6 plus 21 is 33

Double 5 plus 15 is 25

Double 7 plus 33 is 47

Double 9 plus 21 is 39

Enrichment Activity 1.23: Answers

Complete the pattern.

59	64	69	74	79	84	89	94	99
----	----	----	----	----	----	----	----	----

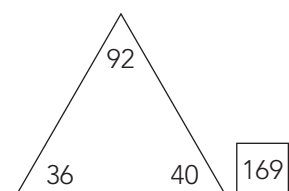
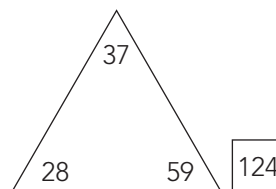
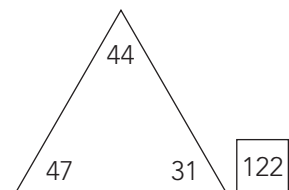
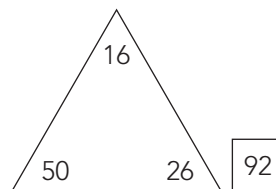
74	77	80	83	86	89	92	95	98
----	----	----	----	----	----	----	----	----

69	65	61	57	53	49	45	41	37
----	----	----	----	----	----	----	----	----

200	190	180	170	160	150	140	130	120
-----	-----	-----	-----	-----	-----	-----	-----	-----

Enrichment Activity 1.24: Answers

What is the value of each triangle?
Write the answer in the square.



Enrichment Activity 1.25

Write the answer in numbers.

Sixty-one plus thirteen equals _____

Forty-eight plus twenty-one equals _____

Thirty-three plus thirteen equals _____

Sixty take away fifteen equals _____

One hundred take away fifteen equals _____

Twenty-nine plus forty-one equals _____

Enrichment Activity 1.26

Who am I?

I am the day before Monday. _____

I am the day between Friday and Sunday.

I am the first day of the weekend.

I am the first day of the week. _____

I am the day before Wednesday. _____

Enrichment Activity 1.27

Number sentences.

Use the numbers in the boxes to make sums.

32
48 16

_____ + _____ = _____

18
37 19

_____ + _____ = _____

6 62
51 5

_____ + _____ + _____ = _____

Enrichment Activity 1.28

Who am I?

I am the month before May. _____

I am the month after June. _____

I am the month between October and
December. _____

I am the first month of spring. _____

I am the last month of the year. _____

I am the tenth month. _____

Enrichment Activity 1.25: Answers

Write the answer in numbers.

Sixty-one plus thirteen equals 74

Forty-eight plus twenty-one equals 69

Thirty-three plus thirteen equals 46

Sixty take away fifteen equals 45

One hundred take away fifteen equals 85

Twenty-nine plus forty-one equals 70

Enrichment Activity 1.26: Answers

Who am I?

I am the day before Monday.

Sunday

I am the day between Friday and Sunday.

Saturday

I am the first day of the weekend.

Saturday

I am the first day of the week.

Monday

I am the day before Wednesday.

Tuesday

Enrichment Activity 1.27: Answers

Number sentences.

Use the numbers in the boxes to make sums.

32
48 16

$16 + 32 = 48$

18
37 19

$18 + 19 = 37$

6 62
51 5

$51 + 6 + 5 = 62$

Enrichment Activity 1.28: Answers

Who am I?

I am the month before May.

April

I am the month after June.

July

I am the month between October and December.

November

I am the first month of spring.

September

I am the last month of the year.

December

I am the tenth month.

October

Enrichment Activity 1.29

Colour the two numbers that add up to the given answer.

46	60	31	+	1	0	32	=	63
----	----	----	---	---	---	----	---	----

8	15	23	+	82	77	29	=	90
---	----	----	---	----	----	----	---	----

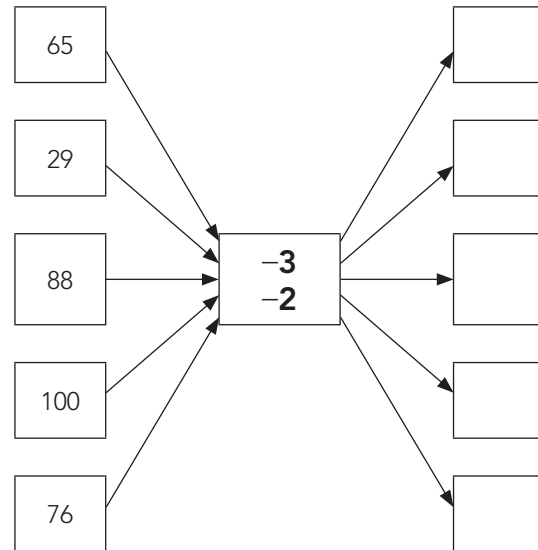
4	48	22	+	43	11	12	=	59
---	----	----	---	----	----	----	---	----

31	26	29	+	16	8	92	=	47
----	----	----	---	----	---	----	---	----

40	60	20	+	44	11	51	=	71
----	----	----	---	----	----	----	---	----

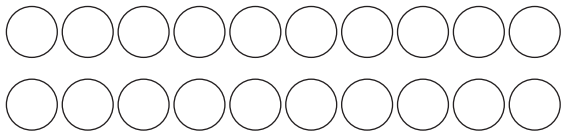
Enrichment Activity 1.30

Complete the following:



Enrichment Activity 1.31

Colour the circles:



Colour the first circle red.

Colour the last circle blue.

Colour the eighteenth circle green.

Colour the nineteenth circle yellow.

Colour the sixteenth circle pink.

Colour the third circle black.

Colour the fifteenth circle orange.

Colour the eleventh circle brown.

Enrichment Activity 1.32

Can you solve these problems?

1. Mom had R58.
She bought a cake for R45 and
a sweet for R12.
How much money does she have left?
2. Thandi had 520c.
She spent 405c on sweets and
80c on juice.
How much money does she have left?

Enrichment Activity 1.29: Answers

Colour the two numbers that add up to the given answer.

46	60	31	+	1	0	32	=	63
----	----	----	---	---	---	----	---	----

8	15	23	+	82	77	29	=	90
---	----	----	---	----	----	----	---	----

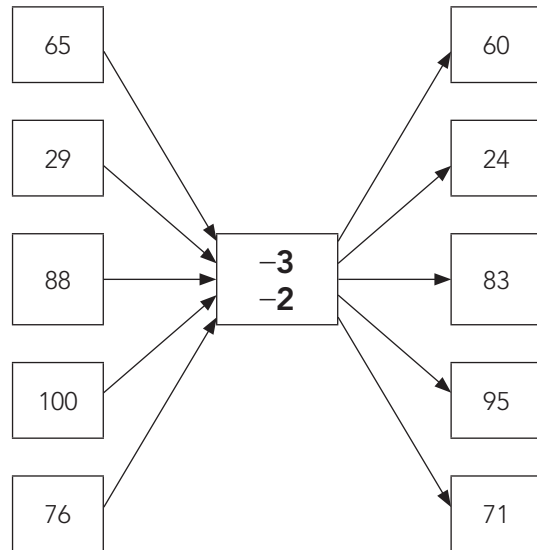
4	48	22	+	43	11	12	=	59
---	----	----	---	----	----	----	---	----

31	26	29	+	16	8	92	=	47
----	----	----	---	----	---	----	---	----

40	60	20	+	44	11	51	=	71
----	----	----	---	----	----	----	---	----

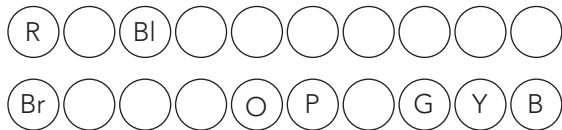
Enrichment Activity 1.30: Answers

Complete the following:



Enrichment Activity 1.31: Answers

Colour the circles:



Colour the first circle red.

Colour the last circle blue.

Colour the eighteenth circle green.

Colour the nineteenth circle yellow.

Colour the sixteenth circle pink.

Colour the third circle black.

Colour the fifteenth circle orange.

Colour the eleventh circle brown.

Enrichment Activity 1.32: Answers

Can you solve these problems?

- Mom had R58.
She bought a cake for R45 and a sweet for R12.
How much money does she have left?
R1
- Thandi had 520c.
She spent 405c on sweets and 80c on juice.
How much money does she have left?
35c

4. Enrichment Activity Cards: Tshivenda version

Each term a set of new enrichment cards will be provided. You should retain this set, as they will not be reproduced each term.

Use of the enrichment activity cards

Optional as required.

These cards include activities that you can use for enrichment opportunities for learners who have completed the lesson activities ahead of the rest of the class. Learners should work on these cards independently or with their peers who have also completed the classwork. You may need to explain some of the activities to the learners who use them. You should remind them to ask you questions about any of the enrichment activities that they are doing, so that you can guide them as necessary.

You should photocopy the enrichment cards, paste them onto cardboard and laminate them (if possible), so that they can be used as a resource, not only this year but in the future as well.

Put the cardboard laminated cards into a box in a set place in your classroom, so that learners know where to find them. These cards are for all learners and do not have to be used in a particular order. Learners should keep a record of the cards that they have done, so that they continue to choose a new card each time they go to the box. Learners must be taught to replace the cards in numeric order in the box, so that everyone who looks for cards can easily find the one they want to use.

Mushumo wa u Pfumisa 1.1

Fhedzisani zwi kwere zwa madembe miduba yothei fanela uri musi yo tanganywa i ite nomboro ire nomboro ya tshwikwere tshinwe na tshinwe.

	16	
	2	
3	5	
		4

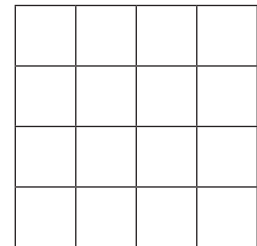
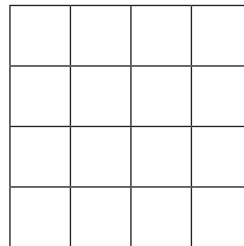
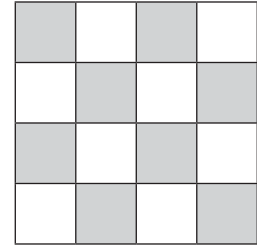
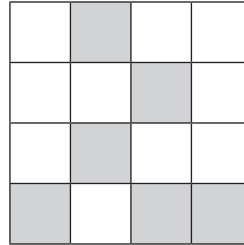
	20	
		0
	4	
	5	

	25	
	9	6
	4	
2		11

	29	
		13
12	5	
	13	

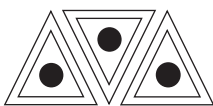
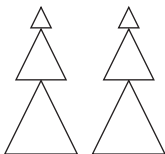
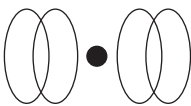
Mushumo wa u Pfumisa 1.2

Khalarani zwi kwere zwi re afho fhasi u ri zwi re afho fhasi u ri zwi fane na zwi afho ntha.



Mushumo wa u Pfumisa 1.3

Fhedzisani phetheni:



Mushumo wa u Pfumisa 1.4

Fhedzisani phetheni:

4	3	4					
---	---	---	--	--	--	--	--

9	1	2	9				
---	---	---	---	--	--	--	--

6	9	9	3	6			
---	---	---	---	---	--	--	--

2	4	3	2	4			
---	---	---	---	---	--	--	--

Mushumo wa u Pfumisa 1.1: Phindulo

Fhedzisani zwi kwere zwa madembe miduba yothei fanela uri musi yo tanganywa i ite nomboro ire nomboro ya tshwikwere tshinwe na tshinwe.

16		
10	2	4
3	5	8
3	9	4

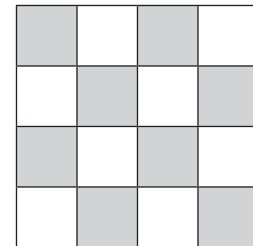
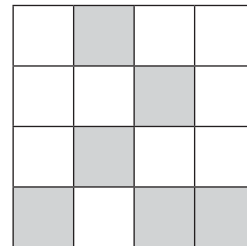
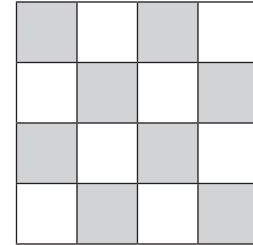
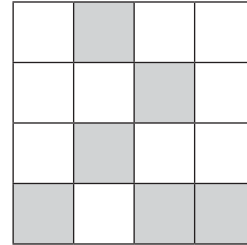
20		
10	10	0
2	4	14
8	6	6

25		
10	9	6
13	4	8
2	12	11

29		
5	11	13
12	5	12
12	13	4

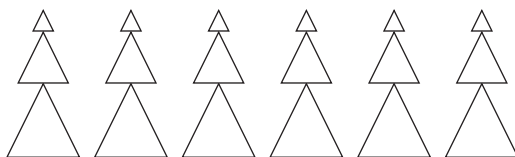
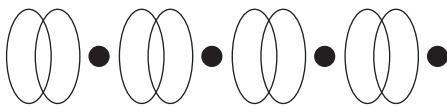
Mushumo wa u Pfumisa 1.2: Phindulo

Khalarani zwi kwere zwi re afho fhasi u ri zwi re afho fhasi u ri zwi fane na zwi afho ntha.



Mushumo wa u Pfumisa 1.3: Phindulo

Fhedzisani phetheni:



Mushumo wa u Pfumisa 1.4: Phindulo

Fhedzisani phetheni:

4	3	4	3	4	3	4	3
---	---	---	---	---	---	---	---

9	1	2	9	1	2	9	1
---	---	---	---	---	---	---	---

6	9	9	3	6	9	9	3
---	---	---	---	---	---	---	---

2	4	3	2	4	3	2	4
---	---	---	---	---	---	---	---

Mushumo wa u Pfumisa 1.5

Kalani nga rula:

Gunwe lanu ndi la vhulapfu vhungafhani?

_____ cm

Munwe wanu wa rinngi ndi wa vhulapfu vhungafhani? _____ cm

Mutalo une wavha? _____ cm

Mupfufhi kha munwe wa rinngi nga 5cm ndi? _____ cm

Mutalo une wavha mulopfu kha gunwe lanu ndi? _____ cm

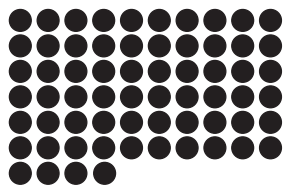
Mushumo wa u Pfumisa 1.6

Tingedzelani zwifanyiso zwine na zwi vhona u bra ntha nga lutombo, na zwine na zwi vhona nga phanda na tswuku.

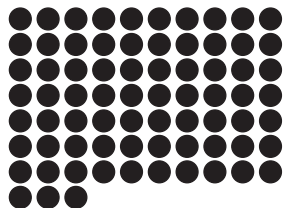


Mushumo wa u Pfumisa 1.7

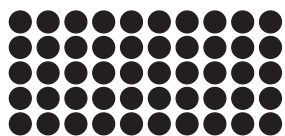
Nwelani uri ndi mahumi na dzithi nngana kha tshiwado tshinwe na tshinwe.



Mahumi _____ Dzithihi _____



Mahumi _____ Dzithihi _____

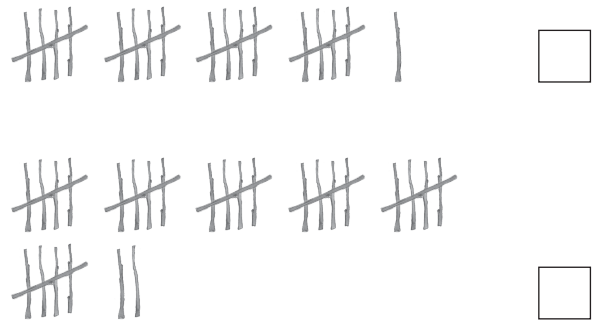


Mahumi _____ Dzithihi _____

-

Mushumo wa u Pfumisa 1.8

Ndi zwitanda zwingana zwi re afho?



Olani zwitanda zwa 48 nga ndila yeneyo:

Mushumo wa u Pfumisa 1.5: Phindulo

Kalani nga rula:

Phindulo ndi do fhambana

Gunwe lanu ndi la vhulapfu vhungafhani?
_____ cm

Munwe wanu wa rinngi ndi wa vhulapfu vhungafhani? _____ cm

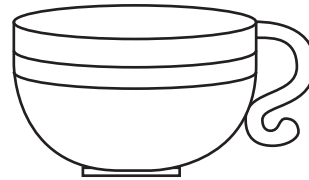
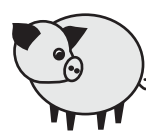
Mutalo une wavha? _____ cm

Mupfufhi kha munwe wa rinngi nga 5cm ndi?
_____ cm

Mutalo une wavha mulopfu kha gunwe lanu ndi? _____ cm

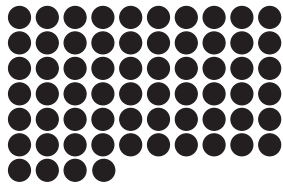
Mushumo wa u Pfumisa 1.6: Phindulo

Tingedzelani zwifanyiso zwine na zwi vhona u bra ntha nga lutombo, na zwine na zwi vhona nga phanda na tswuku.

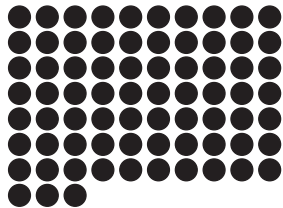


Mushumo wa u Pfumisa 1.7: Phindulo

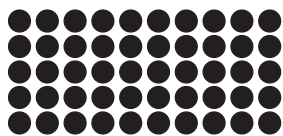
Nwelani uri ndi mahumi na dzithi nngana kha tshiwado tshinwe na tshinwe.



Mahumi 6 Dzithihi 4



Mahumi 7 Dzithihi 3



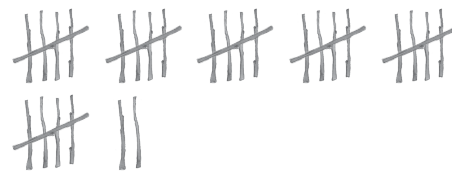
Mahumi 5 Dzithihi 3

Mushumo wa u Pfumisa 1.8: Phindulo

Ndi zwitanda zwingana zwi re afho?

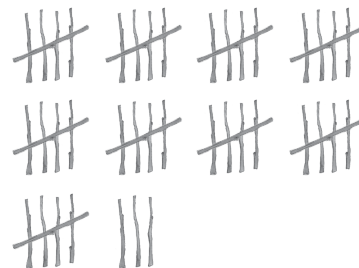


21



32

Olani zwitanda zwa 48 nga ndila yeneyo:



Mushumo wa u Pfumisa 1.9

Livhanyani nomboro na dzina la nomboro.

21	Fuina-raru
43	Fumbili-tahe
45	Futhanu-thihi
29	Fusumbe-rathi
58	Fumbili-thihi
51	Fuina-thanu
54	Furathi-sumbe
67	Futhanu-ina
76	Fusumbe-rathi

Mushumo wa u Pfumisa 1.10

Khalarani nomboro mbili kha mutevhe munwe na munwe dzine dzo tangana dza it so 50.

19	9	3	31	7
----	---	---	----	---

12	48	41	10	9
----	----	----	----	---

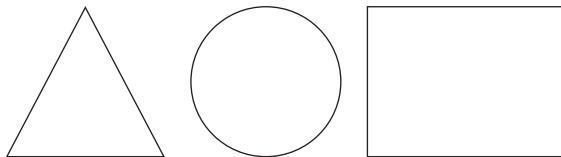
31	12	38	24	30
----	----	----	----	----

5	9	35	45	10
---	---	----	----	----

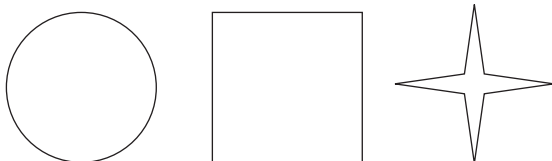
Mushumo wa u Pfumisa 1.11

Kovhekanyani hezwi zwiwhumbeo zwi vhe kha:

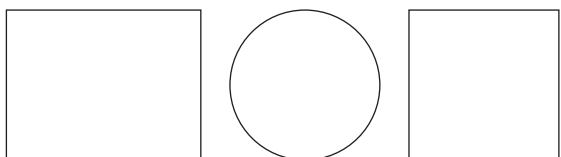
Dzihafu



Dzi kota

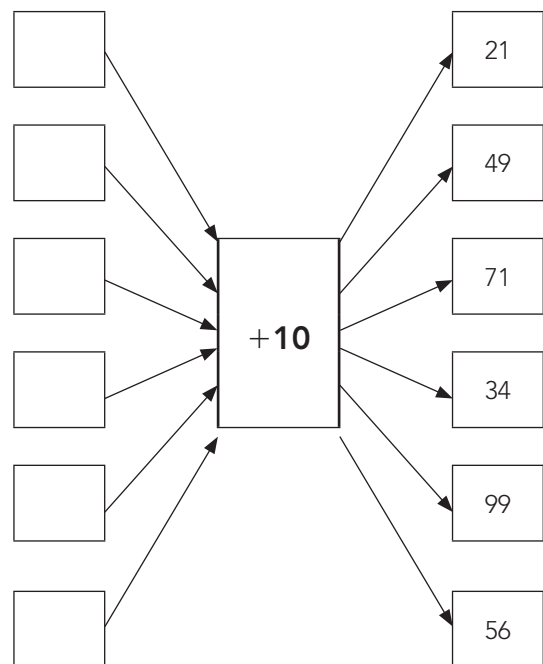


Dzi thihi tsha raru



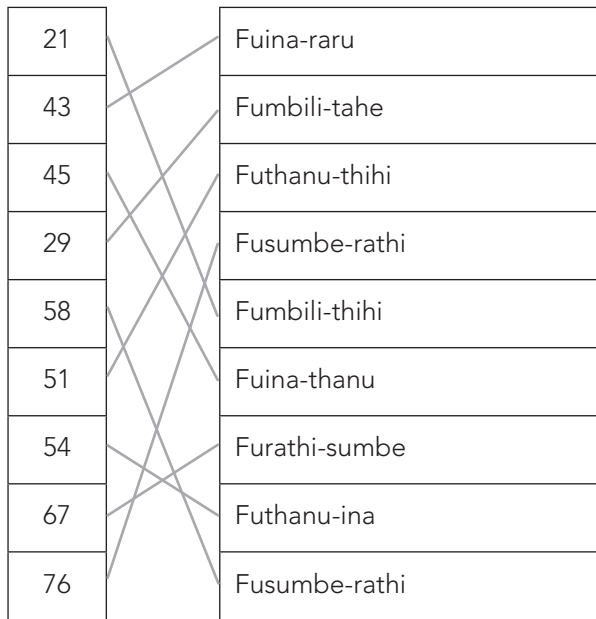
Mushumo wa u Pfumisa 1.12

Fhedzisani zwi tevhelaho:



Mushumo wa u Pfumisa 1.9: Phindulo

Livhanyani nomboro na dzina la nomboro.



Mushumo wa u Pfumisa 1.10: Phindulo

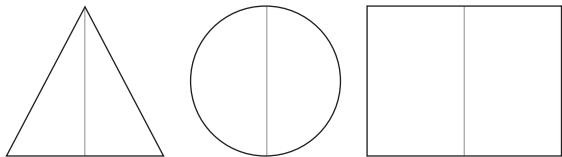
Khalarani nomboro mbili kha mutevhe munwe na munwe dzine dzo tangana dza it so 50.



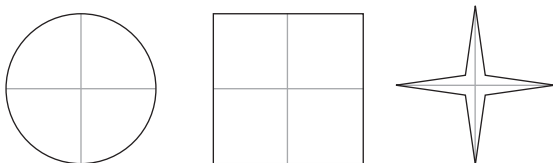
Mushumo wa u Pfumisa 1.11: Phindulo

Kovhekanyani hezwi zwiwhumbeo zwi vhe kha:

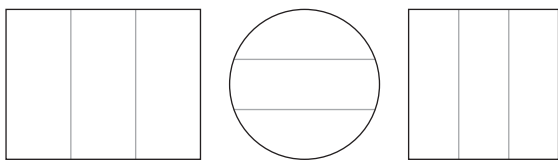
Dzihafu



Dzi kota

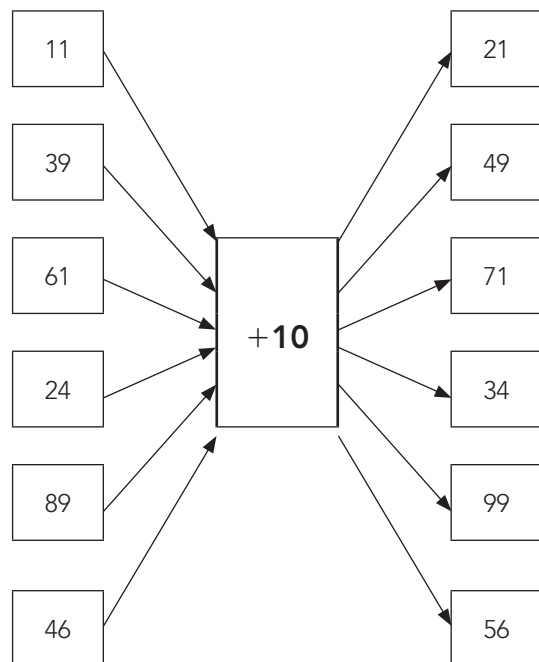


Dzi thihi tsha raru



Mushumo wa u Pfumisa 1.12: Phindulo

Fhedzisani zwi tevhelaho:



Mushumo wa u Pfumisa 1.13

Khalarani nomboro mbili dzine dzo tangana dza do ita nomboro ye na newa.

9	21	13	+	17	11	19	=	40
---	----	----	---	----	----	----	---	----

41	12	29	+	19	11	38	=	50
----	----	----	---	----	----	----	---	----

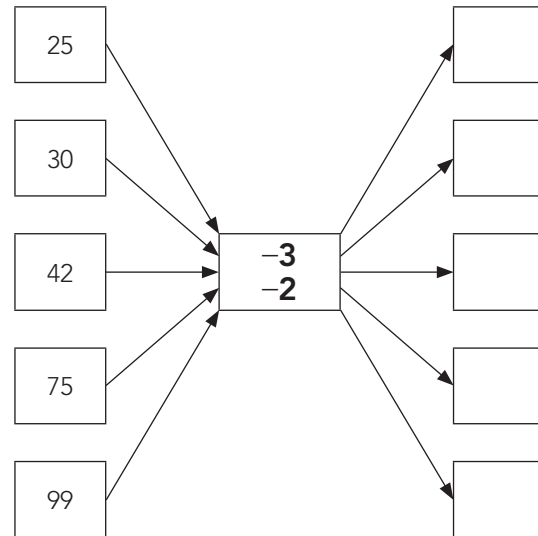
14	9	8	+	15	21	22	=	30
----	---	---	---	----	----	----	---	----

13	6	2	+	7	9	12	=	20
----	---	---	---	---	---	----	---	----

10	21	37	+	23	40	33	=	60
----	----	----	---	----	----	----	---	----

Mushumo wa u Pfumisa 1.14

Fhedzisani zwi tevhelaho:



Mushumo wa u Pfumisa 1.15

Khalarani zwitendeledzi:



Khalarani tsha u thimanga tswuku.

Khalarani tsha fhedzisela u tombo tshi vhe.

Khalarani tsha fbhu malo tshi vhe tshi dala.

Khalarani tsha vhutahetshivhe tada

Khalarani tsha vhurathi tshi vhe pinki.

Khalarani tsha vhuraru tshi vhe tshitswu.

Khalarani tsha vhuvhili tshi vhe muvhala wa swiri.

Mushumo wa u Pfumisa 1.16

Ni nga kona a tandulula idzi thaidzo?

1. Mma vho vha vhana na R48. Vharenga kekhe ya R45 na legere nga R1. Vho sala na vhugai?
2. Thandi ouha a na 80c. A shumisa 25c urenga malegere na 18c kha dzhusi. O sala na vhugai?

Mushumo wa u Pfumisa 1.13: Phindulo

Khalarani nomboro mbili dzine dzo tangana dza do ita nomboro ye na newa.

9	21	13	+	17	11	19	=	40
---	----	----	---	----	----	----	---	----

41	12	29	+	19	11	38	=	50
----	----	----	---	----	----	----	---	----

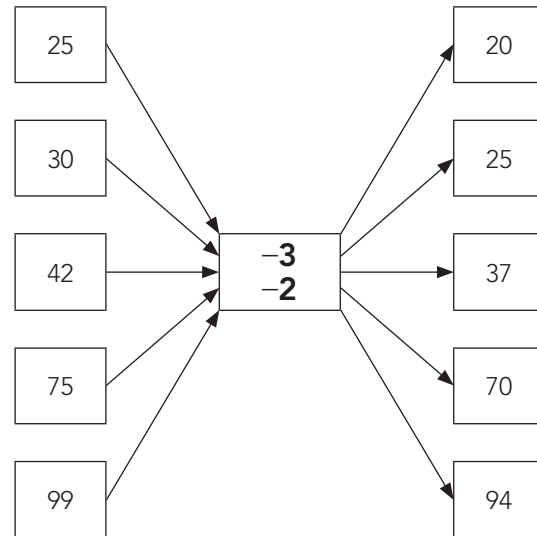
14	9	8	+	15	21	22	=	30
----	---	---	---	----	----	----	---	----

13	6	2	+	7	9	12	=	20
----	---	---	---	---	---	----	---	----

10	21	37	+	23	40	33	=	60
----	----	----	---	----	----	----	---	----

Mushumo wa u Pfumisa 1.14: Phindulo

Fhedzisani zwi tevhelaho:



Mushumo wa u Pfumisa 1.15: Phindulo

Khalarani zwitendeledzi:

(R) (O) (B) () () (P) () (G) (Y) (B)

Khalarani tsha u thimanga tswuku.

Khalarani tsha fhedzisela u toambo tshi vhe.

Khalarani tsha fbhu malo tshi vhe tshi dala.

Khalarani tsha vhutahetshivhe tada

Khalarani tsha vhurathi tshi vhe pinki.

Khalarani tsha vhuraru tshi vhe tshitswu.

Khalarani tsha vhuvhili tshi vhe muvhala wa swiri

Mushumo wa u Pfumisa 1.16: Phindulo

Ni nga kona a tandulula idzi thaidzo?

1. Mma vho vha vhana na R48. Vharenga khekhe ya R45 na legere nga R1. Vho sala na vhugai?

R2

2. Thandi ouha a na 80c. A shumisa 25c urenga malegere na 18c kha dzhusi. O sala na vhugai?

37c

Mushumo wa u Pfumisa 1.17

Itani (✓) arali phindulo iyone.

Ni ite (✗) arali phindulo siyone.

Davhula 40 ndi 80	
Hafu ya 120 ndi 70	
Davhula 90 ndi 180	
hafu ya 200 ndi 100	
hafu ya 160 ndi 60	
Davhula 70 ndi 140	
Davhula 60 ndi 120	
Hafu ya 140 ndi 80	

Mushumo wa u Pfumisa 1.18

Lebelela diphethene tse.

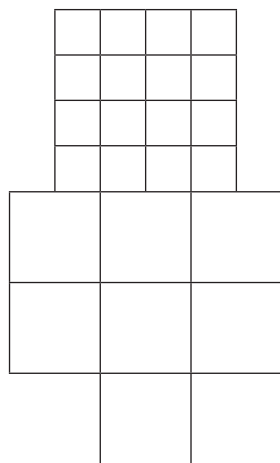
Itani (✓) arali phindulo iyone.

Ni ite (✗) arali phindulo siyone.

$13 \times 15 \times 17 \times 19 \times 21 \times 23 \times 25 \times 27$	
$82 \times 84 \times 86 \times 90 \times 92 \times 94 \times 96$	
$110 \times 120 \times 130 \times 130 \times 140 \times 160 \times 170$	
$85 \times 90 \times 95 \times 100 \times 125 \times 130 \times 135$	
$11 \times 12 \times 13 \times 17 \times 18 \times 19 \times 20 \times 21$	

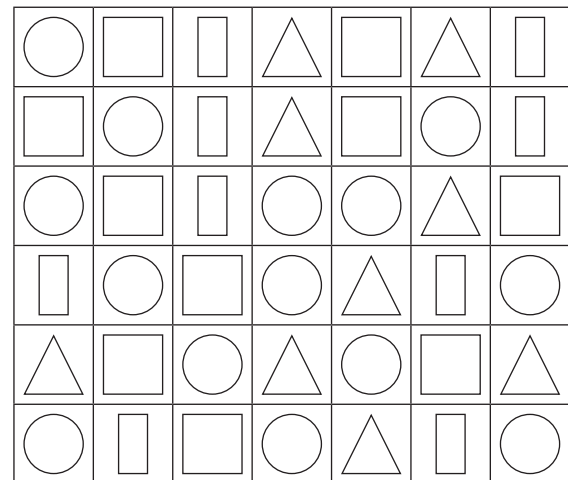
Mushumo wa u Pfumisa 1.19

Ndi zwi kwere zwingana zwine na nga kona uvhala?



Mushumo wa u Pfumisa 1.20

Wanani zwi vhumbeo.



Ndi nngana?

thofuraru? _____

thofu-ina? _____

zwitendeledzi? _____

zwi kwere? _____

Mushumo wa u Pfumisa 1.17: Phindulo

Itani (✓) arali phindulo iyone.

Ni ite (✗) arali phindulo siyone..

Davhula 40 ndi 80	✓
Hafu ya 120 ndi 70	✗
Davhula 90 ndi 180	✓
hafu ya 200 ndi 100	✓
hafu ya 160 ndi 60	✗
Davhula 70 ndi 140	✓
Davhula 60 ndi 120	✓
Hafu ya 140 ndi 80	✗

Mushumo wa u Pfumisa 1.18: Phindulo

Lebelela diphethene tse.

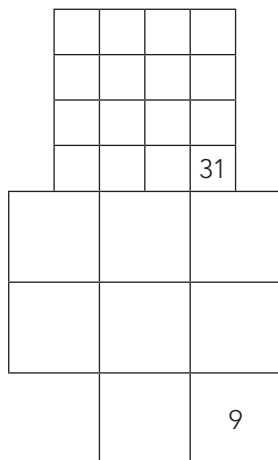
Itani (✓) arali phindulo iyone.

Ni ite (✗) arali phindulo siyone.

$13 \cdot 15 \cdot 17 \cdot 19 \cdot 21 \cdot 23 \cdot 25 \cdot 27$	✓
$82 \cdot 84 \cdot 86 \cdot 90 \cdot 92 \cdot 94 \cdot 96$	✗
$110 \cdot 120 \cdot 130 \cdot 130 \cdot 140 \cdot 160 \cdot 170$	✗
$85 \cdot 90 \cdot 95 \cdot 100 \cdot 125 \cdot 130 \cdot 135$	✗
$11 \cdot 12 \cdot 13 \cdot 17 \cdot 18 \cdot 19 \cdot 20 \cdot 21$	✗

Mushumo wa u Pfumisa 1.19: Phindulo

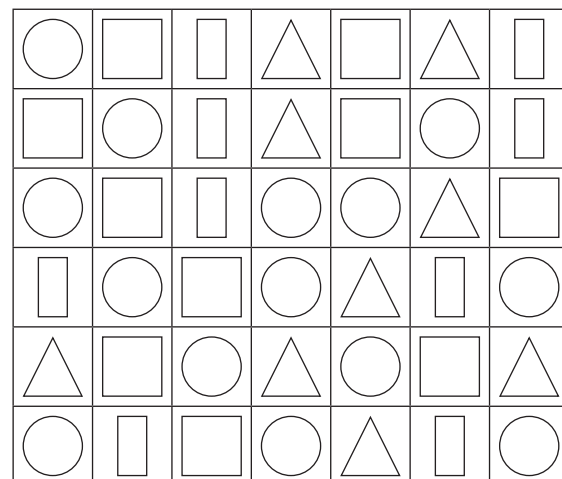
Zingaphi izikwere ongazibala?



zwickwere zwa 38

Mushumo wa u Pfumisa 1.20: Phindulo

Wanani zwiwhumbeo.



Ndi nngana?

thofuraru 9

thofu-ina 9

zwitendeledzi 14

zwickwere 10

Mushumo wa u Pfumisa 1.21

Fhedzisani zwi tevhelaho:

10 u fhira 18 ndi _____

7 thukhukha 20 ndi _____

12 thukhukha 19 ndi _____

24 u fhira 16 ndi _____

31 u fhira 17 ndi _____

18 u fhira 15 ndi _____

15 thukhukha 18 ndi _____

12 thukhukha 20 ndi _____

41 u fhira 13 ndi _____

Mushumo wa u Pfumisa 1.22

Fhedzisani zwi tevhelaho:

Davhula 4 tanganya na 30 ndi _____

Davhula 6 tanganya na 21 ndi _____

Davhula 5 tanganya na 15 ndi _____

Davhula 7 tanganya na 33 ndi _____

Davhula 9 tanganya na 21 ndi _____

Mushumo wa u Pfumisa 1.23

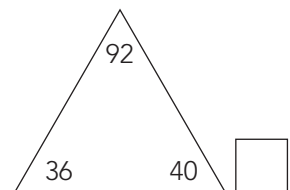
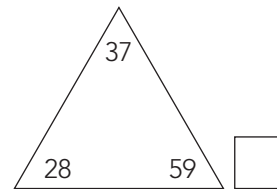
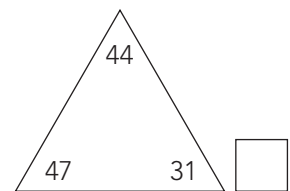
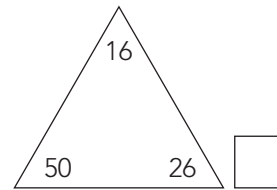
Fhedzisani petheni:

59	64	69							
----	----	----	--	--	--	--	--	--	--

74	77	80							
----	----	----	--	--	--	--	--	--	--

69	65	61							
----	----	----	--	--	--	--	--	--	--

200	190								
-----	-----	--	--	--	--	--	--	--	--

Mushumo wa u Pfumisa 1.24Ndeme ya thofu-raru inwe na inwe ndi ifhio?
Nwalani phindulo tshi tshiswkereni.

Mushumo wa u Pfumisa 1.21: Phindulo

Fhedzisani zwi tevhelaho:

10 u fhira 18 ndi 28

7 thukhukha 20 ndi 13

12 thukhukha 19 ndi 7

24 u fhira 16 ndi 40

31 u fhira 17 ndi 48

18 u fhira 15 ndi 33

15 thukhukha 18 ndi 33

12 thukhukha 20 ndi 8

41 u fhira 13 ndi 54

Mushumo wa u Pfumisa 1.22: Phindulo

Fhedzisani zwi tevhelaho:

Davhula 4 tanganya na 30 ndi 38

Davhula 6 tanganya na 21 ndi 33

Davhula 5 tanganya na 15 ndi 25

Davhula 7 tanganya na 33 ndi 47

Davhula 9 tanganya na 21 ndi 39

Mushumo wa u Pfumisa 1.23: Phindulo

Fhedzisani petheni.

59	64	69	74	79	84	89	94	99
----	----	----	----	----	----	----	----	----

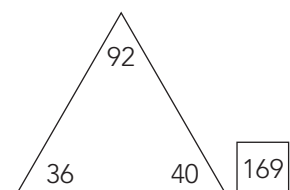
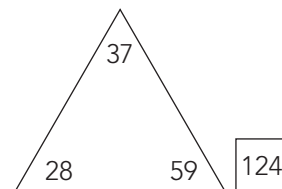
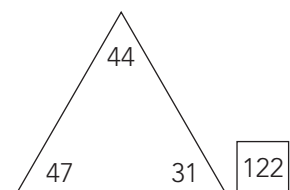
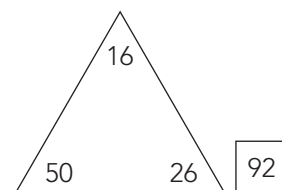
74	77	80	83	86	89	92	95	98
----	----	----	----	----	----	----	----	----

69	65	61	57	53	49	45	41	37
----	----	----	----	----	----	----	----	----

200	190	180	170	160	150	140	130	120
-----	-----	-----	-----	-----	-----	-----	-----	-----

Mushumo wa u Pfumisa 1.24: Phindulo

Ndeme ya thofu-raru inwe na inwe ndi ifhio?
Nwalani phindulo tshi tshiswkereni.



Mushumo wa u Pfumisa 1.25

Nwalani phindulo na nomboro.

Furathi-sumbe tanganya na fumi-raru zwi ita _____

Fuina-malo tanganya na fumbili-thihi zwi ita _____

Furaru-raru tanganya na fumiraru ita _____

Furathi thus fumithanu zwi ita _____

Dana tusa fumithanu zwi ita _____

Fumbili-tahe tanganya na fuina-thihi zwi ita _____

Mushumo wa u Pfumisa 1.26

Ndi nne nnyi?

Ndi duvha nga phanda na musumbuluwo. _____

Ndi duvha vhukati ha la vhumanu na Swondaha. _____

Ndi duvha a u thoma la mafhelo a vhege. _____

Ndi duvha la u thoma la vhege. _____

Ndi duvha la phanda ha Lavhuraru. _____

Mushumo wa u Pfumisa 1.27

Mafhungo a nomboro.

Shumisani nomboro dzi re mabogsini u ita mbalo.

32
48 16

_____ + _____ = _____

18
37 19

_____ + _____ = _____

6 62
51 5

_____ + _____ + _____ = _____

Mushumo wa u Pfumisa 1.28

Ndi nne nnyi?

Ndi nwedzi phanda ha Shundunthule. _____

Ndi nwedzi nga murahu ha fulwi. _____

Ndi nwedzi vhukati ha Tshimedzi na nyenda

vhusiku. _____

Ndi nwedzi wa u thoma wa Lutavula. _____

Ndi nwedzi wa u fhedzisa wa nwaha. _____

Ndi nwedzi wa vhufumi. _____

Mushumo wa u Pfumisa 1.25: Phindulo

Nwalani phindulo na nomboro.

Furathi-sumbe tanganya na fumi-raru zwi ita 74

Fuina-malo tanganya na fumbili-thihi zwi ita 69

Furaru-raru tanganya na fumiraru ita 45

Furathi thus fumithanu zwi ita 45

Dana tusa fumithanu zwi ita 85

Fumbili-tahe tanganya na fuina-thihi zwi ita 70.

Mushumo wa u Pfumisa 1.26: Phindulo

Ndingubani?

Ndi divha nga phanda na musumbuluwo.
Swondaha

Ndi divha vhukati ha la vhutano na Swondaha.
Mugivhela

Ndi divha a u thoma la mafhelo a vhege.
Mugivhela

Ndi divha la u thoma la vhege. Musumbuluwo

Ndi divha la phanda ha Lavhuraru. Lavhuvhili

Mushumo wa u Pfumisa 1.27: Phindulo

Mafhungo a nomboro.

Shumisani nomboro dzi re mabogsini u ita mbalo.

32
48 16

$$16 + 32 = 48$$

18
37 19

$$18 + 19 = 37$$

6 62
51 5

$$51 + 6 + 5 = 62$$

Mushumo wa u Pfumisa 1.28: Phindulo

Ndi nne nnyi?

Ndi nwedzi phanda ha Shundunthule. Lambamai

Ndi nwedzi nga murahu ha fulwi. Fulwana

Ndi nwedzi vhukati ha Tshimedzi na nyenda

vhusiku. Lara

Ndi nwedzi wa u thoma wa Lutavula.
Khubbvumedzi

Ndi nwedzi wa u fhedzisa wa nwaha.
Nyendavhusiku

Ndi nwedzi wa vhufumi. Tshimedzi

Mushumo wa u Pfumisa 1.29

Khalarani nomboro mbili dzine dzo tangana dza ita phindulo ye na newa.

46	60	31	+	1	0	32	=	63
----	----	----	---	---	---	----	---	----

8	15	23	+	82	77	29	=	90
---	----	----	---	----	----	----	---	----

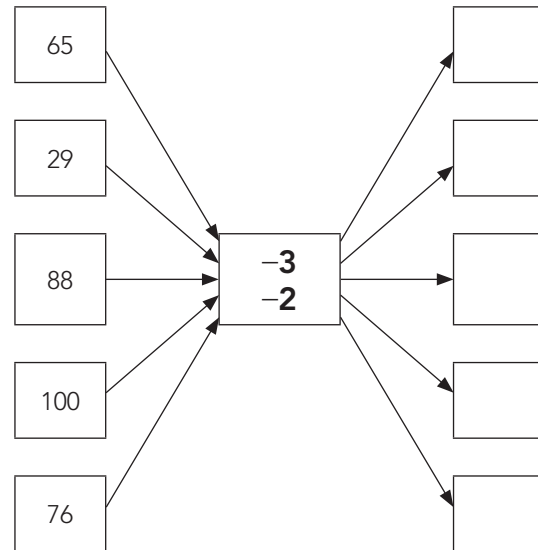
4	48	22	+	43	11	12	=	59
---	----	----	---	----	----	----	---	----

31	26	29	+	16	8	92	=	47
----	----	----	---	----	---	----	---	----

40	60	20	+	44	11	51	=	71
----	----	----	---	----	----	----	---	----

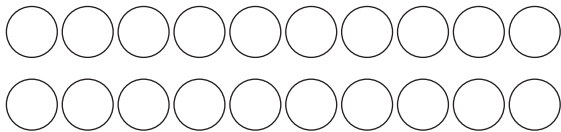
Mushumo wa u Pfumisa 1.30

Fhedzisani zwi tevhelaho:



Mushumo wa u Pfumisa 1.31

Khalarani zwitendeledzi:



Khalarani tsha u thimanga tswuku.

Khalarani tshitendelzi shai fhedzisel nga lutombo.

Khalarani tsha vhufumi-malonga dala.

Khalarani tsha vhufumi-tahe nga tada.

Khalarani tsha vhufumi-rathi nga pinki.

Khalarani tsha vhuraru tshi vhe tshitswu.

Khalarani tsha vhufumi-thanunaswiri.

Khalarani tsha vhufumi-thihi nga buraweni.

Mushumo wa u Pfumisa 1.32

Ni nga kona a tandulula idzi thaidzo?

1. Mma vho vha na R58. Vharenga khekhe nga R45 na legere nga R12. O sala na vhugai??
2. Thandi ovha a na 520c. A shumisa 405c kha malegere na 80c kha dzhusi. O sala na vhugai??

Mushumo wa u Pfumisa 1.29: Phindulo

Khalarani nomboro mbili dzine dzo tangana dza ita phindulo ye na newa.

$$46 \quad 60 \quad 31 \quad + \quad 1 \quad 0 \quad 32 \quad = \quad 63$$

$$8 \quad 15 \quad 23 \quad + \quad 82 \quad 77 \quad 29 \quad = \quad 90$$

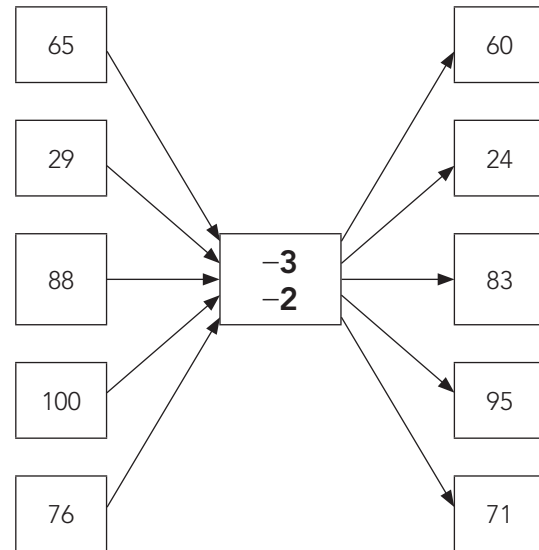
$$4 \quad 48 \quad 22 \quad + \quad 43 \quad 11 \quad 12 \quad = \quad 59$$

$$31 \quad 26 \quad 29 \quad + \quad 16 \quad 8 \quad 92 \quad = \quad 47$$

$$40 \quad 60 \quad 20 \quad + \quad 44 \quad 11 \quad 51 \quad = \quad 71$$

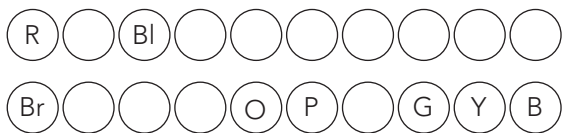
Mushumo wa u Pfumisa 1.30: Phindulo

Fhedzisani zwi tevhelaho:



Mushumo wa u Pfumisa 1.31: Phindulo

Khalarani zwitendeledzi:



Khalarani tsha u thimanga tswuku.

Khalarani tshitendelzi shai fhedzisel nga lutombo.

Khalarani tsha vhufumi-malonga dala.

Khalarani tsha vhufumi-tahe nga tada.

Khalarani tsha vhufumi-rathi nga pinki.

Khalarani tsha vhuraru tshi vhe tshitswu.

Khalarani tsha vhufumi-thanunaswiri.

Khalarani tsha vhufumi-thihi nga buraweni.

Mushumo wa u Pfumisa 1.32: Phindulo

Ni nga kona a tandulula idzi thaidzo?

1. Mma vho vha na R58. Vharenga khekhe nga R45 na legere nga R12. O sala na vhugai??

R2

2. Thandi ovha a na 520c. A shumisa 405c kha malegere na 80c kha dzhusi. O sala na vhugai

37c

