

GRADE 2

TERM 3 2018

MATHEMATICS

ENGLISH /

TSHIVENDA

RESOURCE PACK

PRINTABLE RESOURCES

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. Template for pictograph (Lesson 19)
2. 1–200 number board (Lessons 22 and 23)
3. Fraction wall (Lesson 28)
4. Iqhezu lodonga (Isifundo 28)
5. Fraction circles (Lesson 28)
6. Fraction strips (Lesson 31)
7. Analogue clock faces (Lessons 32 and 33)
8. Views (Lesson 38)

Resources for each day of teaching

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

1. Template for pictograph (Lesson 19)

2. 1–200 number board (Lessons 22 and 23)

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	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

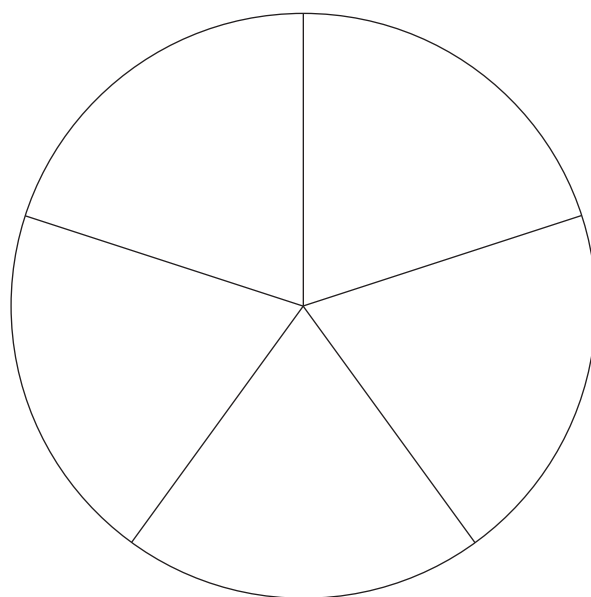
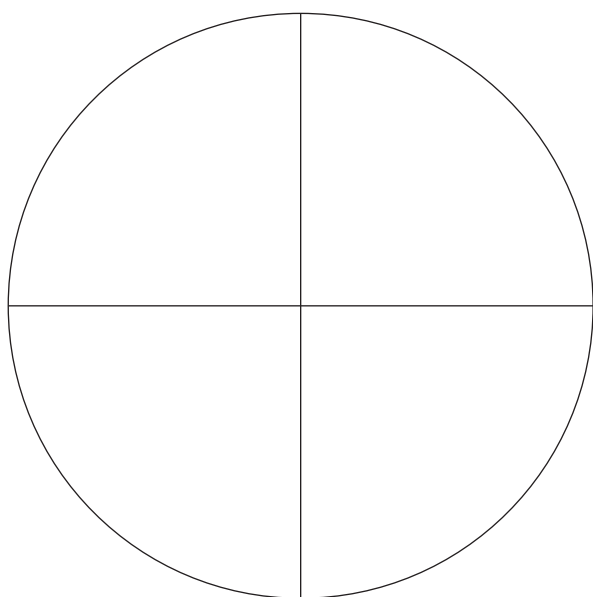
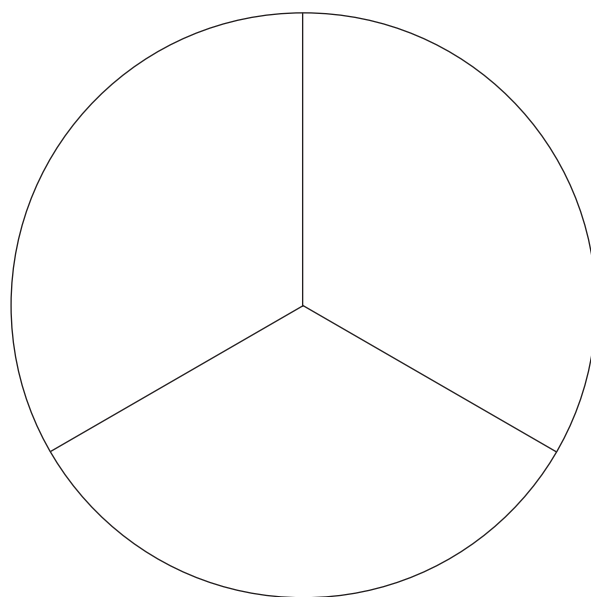
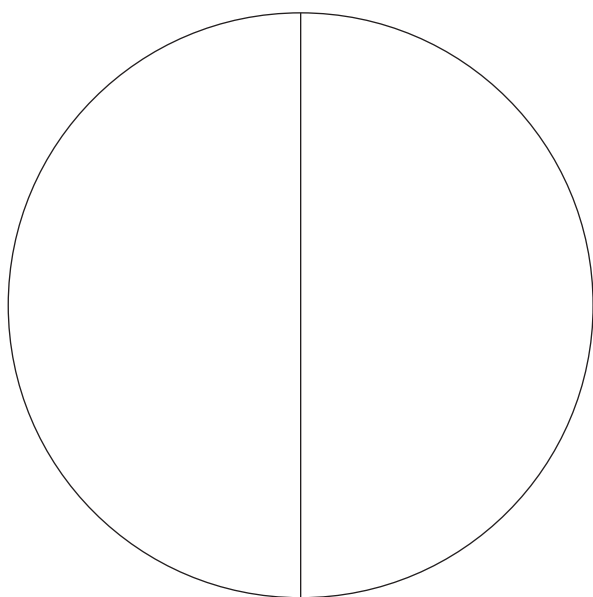
3. Fraction wall (Lesson 28)

1 whole				
1 half		1 half		
1 third	1 third		1 third	
1 quarter	1 quarter	1 quarter	1 quarter	
1 fifth	1 fifth	1 fifth	1 fifth	1 fifth

3. Luvhondo lwa furakisheni (Ngudo 28)

I nthihi yoṭhe				
I hafu		I hafu		
I kha tsha raru	I kha tsha raru		I kha tsha raru	
I kotara	I kotara	I kotara	I kotara	
I kha tsha ṭhanu	I kha tsha ṭhanu	I kha tsha ṭhanu	I kha tsha ṭhanu	I kha tsha ṭhanu

4. Fraction circles (Lessons 28 and 31)



5. Fraction strips (Lessons 28 and 31)

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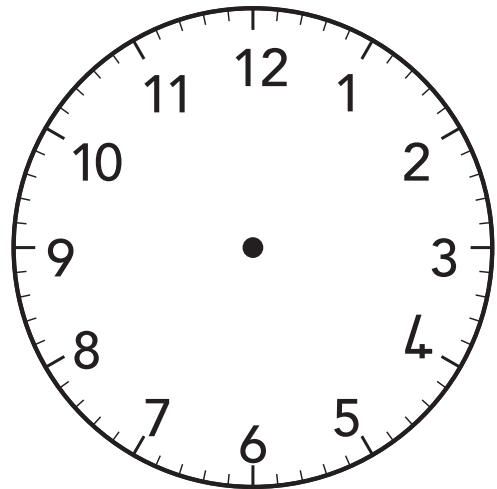
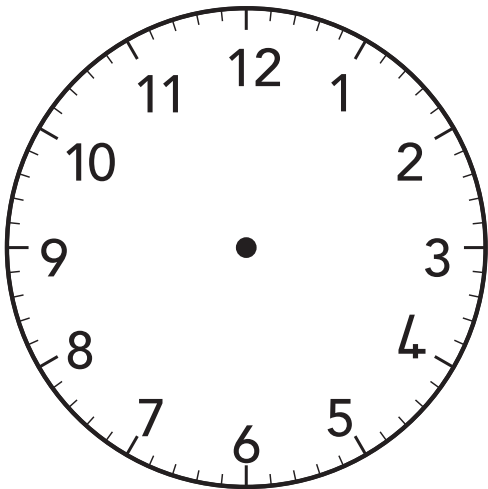
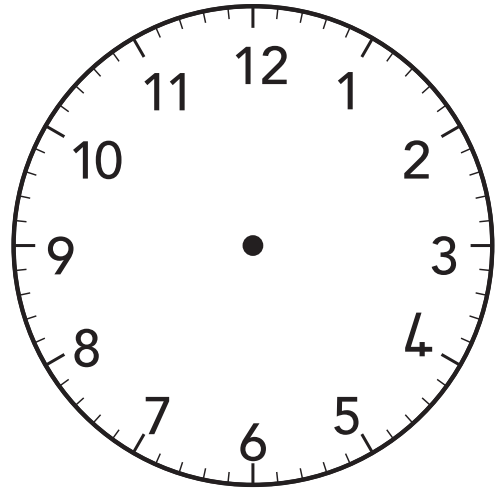
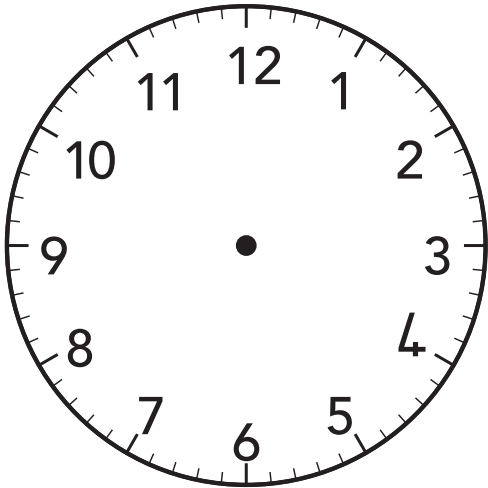
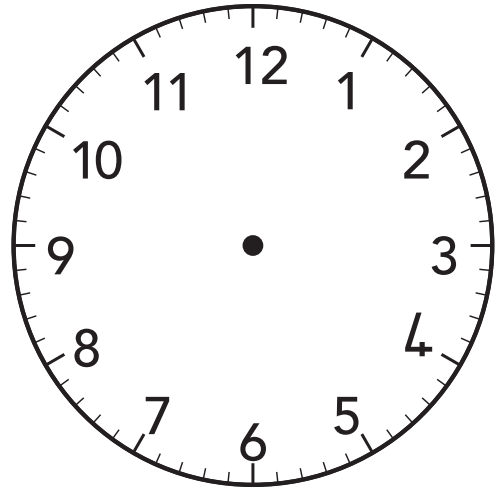
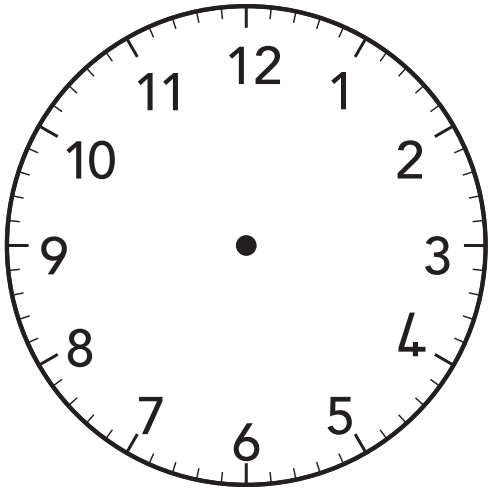
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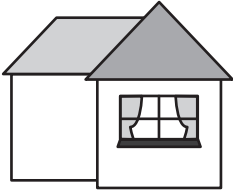
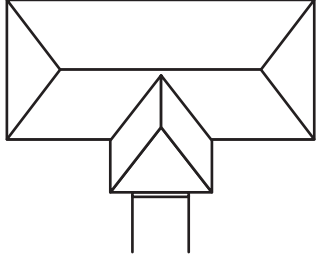
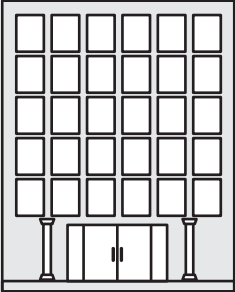
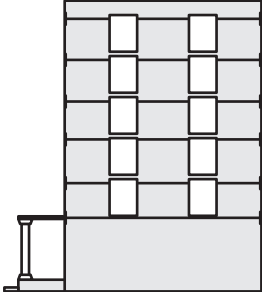
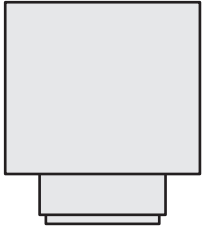



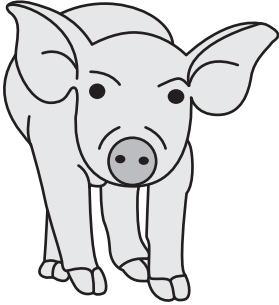
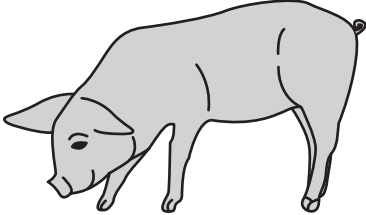
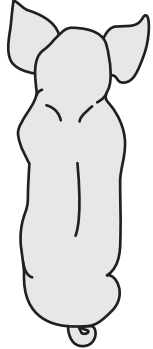
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6. Analogue clock faces (Lessons 32 and 33)



7. Views (Lessons 38)

Mental Mathematics Challenge Cards: Bilingual Version - English / Tshivenda

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

Addition number range 0–15

Mupikisano wa Mbalo Garaṭa ya 1

U ṭanganyisa nomboro dzo fhambanaho
0–15

1. $4 + 3 =$
2. $5 + 4 =$
3. $9 + 2 =$
4. $13 + 1 =$
5. $10 + 3 =$
6. $11 + 2 =$
7. $7 + 7 =$
8. $10 + 5 =$
9. $8 + 5 =$
10. $15 + 0 =$

Maths Challenge Card 2

Subtraction number range 0–15

Mupikisano wa Mbalo Garaṭa ya 2

U ṭusa nomboro dzo fhambanaho 0–15

1. $10 - 5 =$
2. $9 - 4 =$
3. $13 - 3 =$
4. $15 - 5 =$
5. $12 - 8 =$
6. $14 - 7 =$
7. $12 - 10 =$
8. $15 - 14 =$
9. $11 - 6 =$
10. $15 - 6 =$

Maths Challenge Card 3

What is 2 more than?

Mupikisano wa Mbalo Garaṭa ya 3

2 ndi khulwane kha

1. 6
2. 12
3. 23
4. 19
5. 25
6. 32
7. 56
8. 49
9. 61
10. 72

Maths Challenge Card 4

What is 10 less than?

Mupikisano wa Mbalo Garaṭa ya 4

10 i fhasi kha

1. 12
2. 21
3. 56
4. 44
5. 35
6. 60
7. 48
8. 56
9. 63
10. 75

Maths Challenge Card 1: Answers

Addition number range 0–15

Mupikisano wa Mbalo Garaṭa ya 1: Phindulo

U ṭanganyisa nomboro dzo fhambanaho
0–15

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

Maths Challenge Card 2: Answers

Subtraction number range 0–15

Mupikisano wa Mbalo Garaṭa ya 2: Phindulo

U ṭusa nomboro dzo fhambanaho 0–15

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

Maths Challenge Card 3: Answers

What is 2 more than?

Mupikisano wa Mbalo Garaṭa ya 3: Phindulo

2 ndi khulwane kha

1. 8
2. 14
3. 25
4. 21
5. 27
6. 34
7. 58
8. 51
9. 63
10. 74

Maths Challenge Card 4: Answers

What is 10 less than?

Mupikisano wa Mbalo Garaṭa ya 4: Phindulo

10 i fhasi kha

1. 2
2. 11
3. 46
4. 34
5. 25
6. 50
7. 38
8. 46
9. 53
10. 65

Maths Challenge Card 5

What is 5 more than?

Mupikisano wa Mbalo Garaṭa ya 5

Ndi i fhio nomboro i re nṭha ha 5?

1. 0
2. 5
3. 10
4. 7
5. 11
6. 12
7. 8
8. 18
9. 13
10. 20

Maths Challenge Card 6

What is 4 less than?

Mupikisano wa Mbalo Garaṭa ya 6

Ndi i fhio nomboro i re fhasi ha 4?

1. 6
2. 10
3. 8
4. 9
5. 11
6. 15
7. 20
8. 16
9. 21
10. 24

Maths Challenge Card 7

What is 3 more than??

Mupikisano wa Mbalo Garaṭa ya 7

Ndi i fhio nomboro i re khulwane kha 3?

1. 3
2. 6
3. 8
4. 11
5. 15
6. 21
7. 16
8. 20
9. 0
10. 19

Maths Challenge Card 8

Which is less?

Mupikisano wa Mbalo Garaṭa ya 8

Ndi i fhio ine ya si vhe nnzhi?

1. 2 or / kgotsa 4?
2. 6 or / kgotsa 16?
3. 21 or / kgotsa 12?
4. 19 or / kgotsa 18?
5. 5 or / kgotsa 36?
6. 40 or / kgotsa 44?
7. 78 or / kgotsa 68?
8. 80 or / kgotsa 81?
9. 10 or / kgotsa 100?
10. 35 or / kgotsa 53?

Maths Challenge Card 5: Answers

What is 5 more than?

Mupikisano wa Mbalo Garaṭa ya 5: Phindulo

Ndi i fhio nomboro i re nṭha ha 5?

1. 5
2. 10
3. 15
4. 12
5. 16
6. 17
7. 13
8. 23
9. 18
10. 25

Maths Challenge Card 6: Answers

What is 4 less than?

Mupikisano wa Mbalo Garaṭa ya 6: Phindulo

Ndi i fhio nomboro i re fhasi ha 4?

1. 2
2. 6
3. 4
4. 5
5. 7
6. 11
7. 16
8. 12
9. 17
10. 20

Maths Challenge Card 7: Answers

What is 3 more than??

Mupikisano wa Mbalo Garaṭa ya 7: Phindulo

Ndi i fhio nomboro i re khulwane kha 3?

1. 6
2. 9
3. 11
4. 14
5. 18
6. 24
7. 19
8. 23
9. 3
10. 22

Maths Challenge Card 8: Answers

Which is less?

Mupikisano wa Mbalo Garaṭa ya 8: Phindulo

Ndi i fhio ine ya si vhe nnzhi?

1. 2
2. 6
3. 12
4. 18
5. 5
6. 40
7. 68
8. 80
9. 10
10. 35

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 laminated cardboard 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 3.1

Who am I?

I am less than 20, but more than 15. My neighbour is 1 less than 18 and one more than me.

I am less than 16. If you add me three times, I become 45.

Enrichment Activity 3.2

Who has the most money?

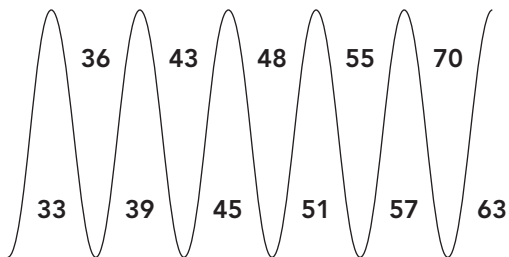
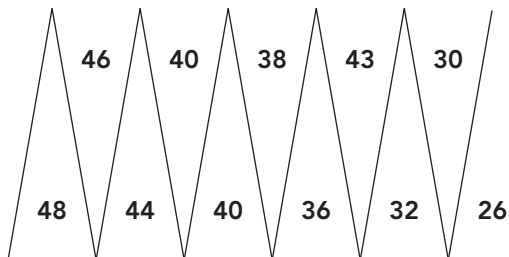
- Busi has: two 10c coins, three 50c coins and one R2 coin.
- Pete has: two R1 coins, six 5c coins and two 20c coins.
- Nicole has: seven 10c coins, five 20c coins and eight 5c coins.

Who has the most money?

Enrichment Activity 3.3

Spot the mistake

Use your pencil to colour the numbers and shape which are wrong.



Enrichment Activity 3.4

Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 30.

15	15	12	17
4	14	16	12
5	10	21	9
25	30	14	18
8	0	11	12

Enrichment Activity 3.1: Answers

Who am I?

I am less than 20, but more than 15. My neighbour is 1 less than 18 and one more than me.

16

I am less than 16. If you add me three times, I become 45.

15

Enrichment Activity 3.2: Answers

Who has the most money?

- Busi has: two 10c coins, three 50c coins and one R2 coin.
- Pete has: two R1 coins, six 5c coins and two 20c coins.
- Nicole has: seven 10c coins, five 20c coins and eight 5c coins.

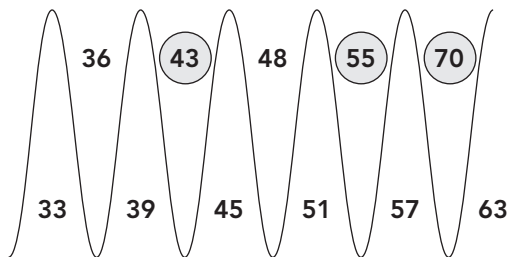
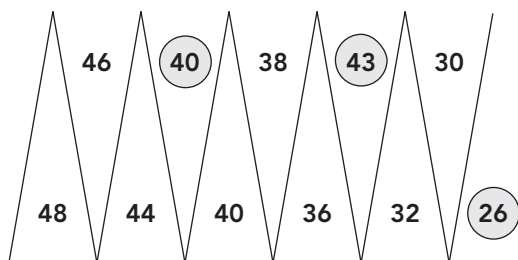
Who has the most money?

Busi has the most money!

Enrichment Activity 3.3: Answers

Spot the mistake

Use your pencil to colour the numbers and shape which are wrong.



Enrichment Activity 3.4: Answers

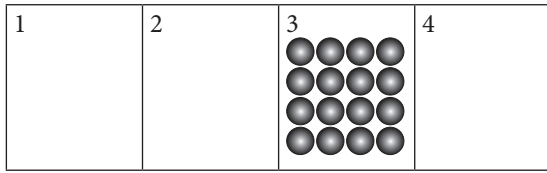
Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 30.

15	15	12	17
4	14	16	12
5	10	21	9
25	30	14	18
8	0	11	12

Enrichment Activity 3.5

Brain teaser



Box 3 has 16 marbles.

Box 1 has half of that.

Box 4 has twice as many as box 1.

Box 2 has half of the amount of eggs than box 4.

How many marbles are there in box 1 and 2 altogether?

Enrichment Activity 3.6

Secret message

Crack the code using the answer box.

a	e	h	l	m	i	o	t	s	v
24	25	26	34	35	36	44	45	46	50

- $18 + 18 = \underline{\quad}$
- $17 + 17 = \underline{\quad}$
- $22 + 22 = \underline{\quad}$
- $25 + 25 = \underline{\quad}$
- $12 + 13 = \underline{\quad}$
- $17 + 18 = \underline{\quad}$
- $12 + 12 = \underline{\quad}$
- $22 + 23 = \underline{\quad}$
- $13 + 13 = \underline{\quad}$
- $23 + 23 = \underline{\quad}$

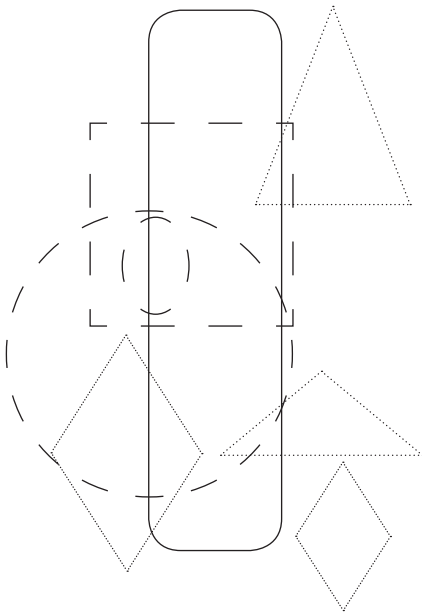
Enrichment Activity 3.7

Shapes

triangles – blue

squares – red

circles – yellow



Enrichment Activity 3.8

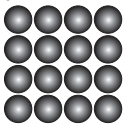
Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 30.

26	19	4	7
3	11	18	23
27	4	26	9
13	15	29	1
17	15	11	12

Enrichment Activity 3.5: Answers

Brain teaser

1	2	3	4
8	8		16

Box 3 has 16 marbles.

Box 1 has half of that.

Box 4 has twice as many as box 1.

Box 2 has half of the amount of eggs than box 4.

How many marbles are there in box 1 and 2 altogether?

18

Enrichment Activity 3.6: Answers

Secret message

Crack the code using the answer box.

a	e	h	l	m	i	o	t	s	v
24	25	26	34	35	36	44	45	46	50

1. $18 + 18 = 36$
2. $17 + 17 = 34$
3. $22 + 22 = 44$
4. $25 + 25 = 50$
5. $12 + 13 = 25$
6. $17 + 18 = 35$
7. $12 + 12 = 24$
8. $22 + 23 = 45$
9. $13 + 13 = 26$
10. $23 + 23 = 46$

I love maths

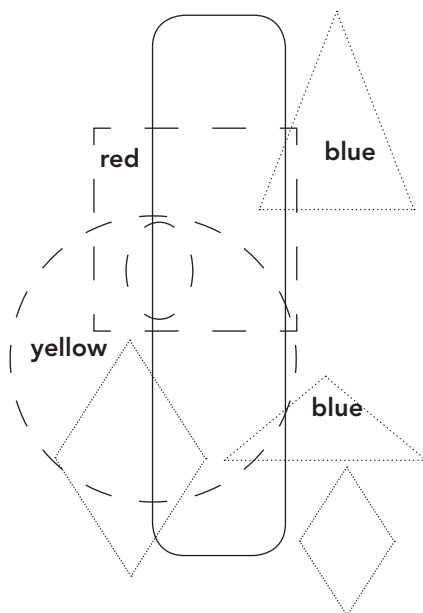
Enrichment Activity 3.7: Answers

Shapes

triangles – blue

squares – red

circles – yellow



Enrichment Activity 3.8: Answers

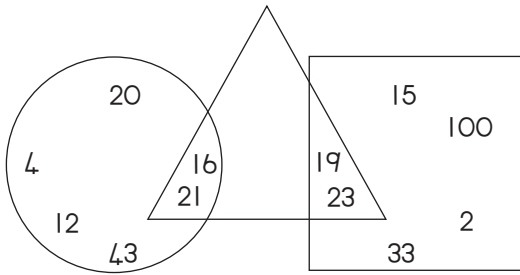
Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 30.

26	19	4	7
3	11	18	23
27	4	26	9
13	15	29	1
17	15	11	12

Enrichment Activity 3.9

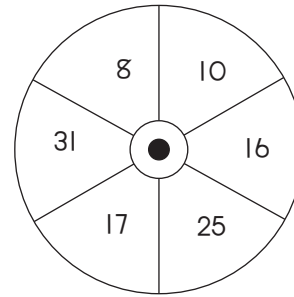
What is my number?



1. This number is in the circle.
It is double 6. _____
2. This number is in the square.
If you halve it, it becomes 50. _____
3. This number is in the triangle.
It is an even number and is 2 less than 18.

Enrichment Activity 3.10

Playing darts



1. What is the highest score using 2 darts?

2. Ben's score is 30.
Which three numbers did he get?
_____, _____, _____.
3. Siphó's score is 16. Two darts hit the
same number. Which number did he get?

Enrichment Activity 3.11

How many squares?

A				
B				
C				
D				

How many squares are there in:

Line A? _____

Line C + D? _____

Half of line B? _____

Add line C and half of line B.

Enrichment Activity 3.12

Number 12

_____ x 1 = 12

_____ x 2 = 12

_____ x 3 = 12

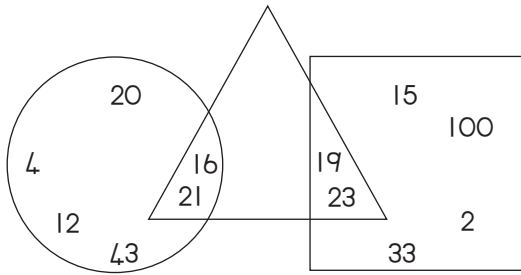
_____ x 4 = 12

_____ x 6 = 12

_____ x 12 = 12

Enrichment Activity 3.9: Answers

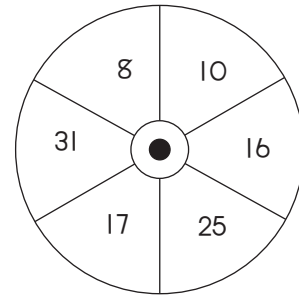
What is my number?



1. This number is in the circle.
It is double 6. **12**
2. This number is in the square.
If you halve it, it becomes 50. **100**
3. This number is in the triangle.
It is an even number and is 2 less than 18.
16

Enrichment Activity 3.10: Answers

Playing darts



1. What is the highest score using 2 darts?
62
2. Ben's score is 30.
Which three numbers did he get?
10, 10, 10.
3. Siphon's score is 16. Two darts hit the same number. Which number did he get?
8

Enrichment Activity 3.11: Answers

How many squares?

A				
B				
C				
D				

How many squares are there in:

Line A? **4**

Line C + D? **8**

Half of line B? **2**

Add line C and half of line B.

6

Enrichment Activity 3.12: Answers

Number 12

$$12 \times 1 = 12$$

$$6 \times 2 = 12$$

$$4 \times 3 = 12$$

$$3 \times 4 = 12$$

$$2 \times 6 = 12$$

$$1 \times 12 = 12$$

Enrichment Activity 3.13

Sms your mom



Which symbols do you see if you sms this message to your mom: **I love you.**

Enrichment Activity 3.14

What is the message?



- 9 * ,

* 5 5

Enrichment Activity 3.15

Add



All the numbers in the first row: _____

All the numbers in the second row: _____

All the numbers in the third row: _____

What is the total of the numbers in rows 1 and 2?

Enrichment Activity 3.16

Some more adding



Add all of the numbers in the column starting with 1: _____

Add all of the numbers in the column starting with 2: _____

Add all of the numbers in the column starting with 3: _____

What is the total of the numbers in columns 1 and 3? _____

Enrichment Activity 3.13: Answers

Sms your mom



Which symbols do you see if you sms this message to your mom: **I love you.**

- " + ? 2
) + -

Enrichment Activity 3.14: Answers

What is the message?



- 9 * ,
l c a n
* 5 5
a d d

Enrichment Activity 3.15: Answers

Add



All the numbers in the first row: **6**
 All the numbers in the second row: **15**
 All the numbers in the third row: **24**
 What is the total of the numbers in rows 1 and 2? **21**

Enrichment Activity 3.16: Answers

Some more adding



Add all of the numbers in the column starting with 1: **12**
 Add all of the numbers in the column starting with 2: **15**
 Add all of the numbers in the column starting with 3: **18**
 What is the total of the numbers in columns 1 and 3? **30**

Enrichment Activity 3.17

Ordinal numbers

In the sentence:

Dad took me to the zoo.

Which is the eighth letter? _____

In the sentence:

We saw lions and buck.

Which is the thirteenth letter? _____

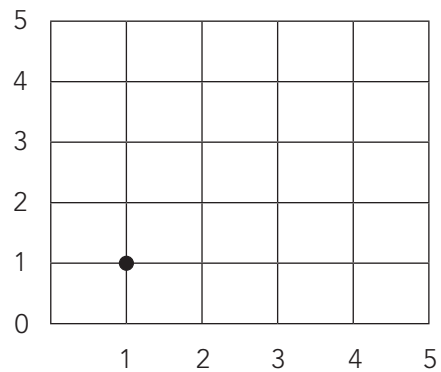
In the sentence:

We also saw penguins and ...

write down these letters to find out what other animal we saw: the eighth, the tenth, the second and the seventh letter.

Enrichment Activity 3.18

Connect the dots



Make a dot on 1-1 (done for you), 2-2, 2-1 and 1-2. Connect the dots.

What shape do you get?

Enrichment Activity 3.19

What is the number?

I have 4 tens.

What is 3 less units than the tens?

I have 1 ten.

What is 5 units more than the tens?

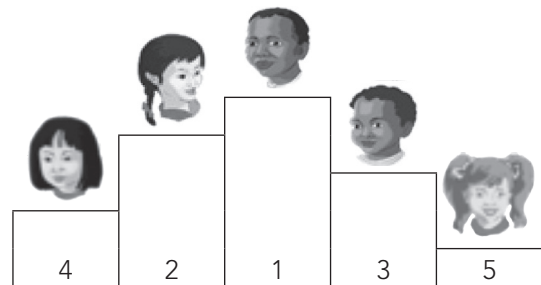
I have 8 units.

What is 4 tens more than the units?

Enrichment Activity 3.20

Where did I come in the race?

1. Imram came first.
2. Mary came second.
3. John came third.
4. Maryke came fifth.
5. I came _____.



Enrichment Activity 3.17: Answers

Ordinal numbers

In the sentence:

Dad took me to the zoo.

Which is the eighth letter? m

In the sentence:

We saw lions and buck.

Which is the thirteenth letter? d

In the sentence:

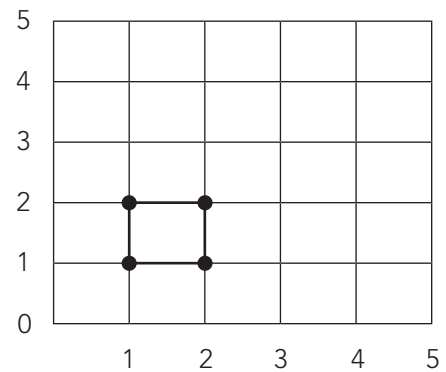
We also saw penguins and ...

write down these letters to find out what other animal we saw: the eighth, the tenth, the second and the seventh letter.

We also saw **apes**.

Enrichment Activity 3.18: Answers

Connect the dots



Make a dot on 1-1 (done for you), 2-2, 2-1 and 1-2. Connect the dots.

What shape do you get?

square

Enrichment Activity 3.19: Answers

What is the number?

I have 4 tens.

What is 3 less units than the tens?

37

I have 1 ten.

What is 5 units more than the tens?

15

I have 8 units.

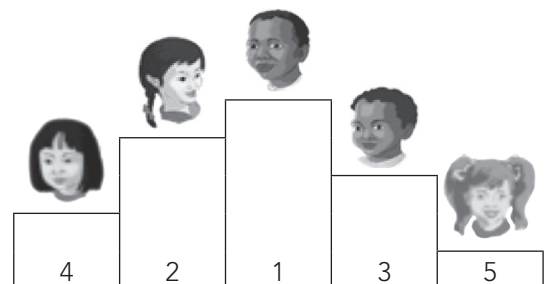
What is 4 tens more than the units?

48

Enrichment Activity 3.20: Answers

Where did I come in the race?

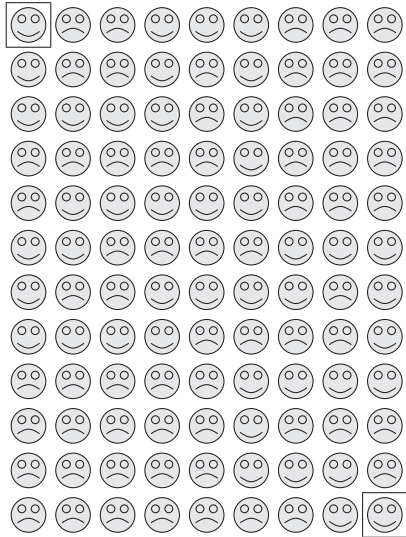
1. Imram came first.
2. Mary came second.
3. John came third.
4. Maryke came fifth.
5. I came **fourth**.



Enrichment Activity 3.21

Find your way

Start at the first face and find a way to the last face by going past only the happy faces. Don't go through any sad faces.



Enrichment Activity 3.22

Where is the number name?

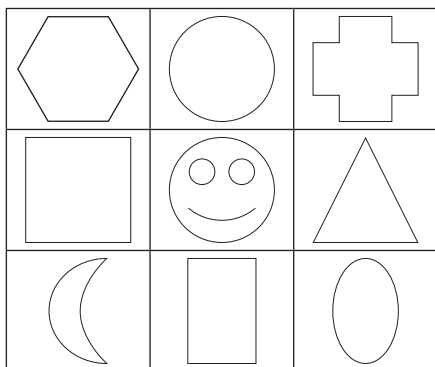
Where is the number name in the letter grid? Colour or circle each word.

b	o	n	e	d	r	e
s	e	c	o	n	d	l
i	x	t	h	r	e	e
x	t	e	n	t	h	v
t	w	e	l	v	e	e
y	o	f	o	u	r	n

- 1 11
- 3 60
- 2nd 2
- 12 10th

Enrichment Activity 3.23

Who are my friends?



Colour the shapes:

- The square red.
- The cross orange.
- The oval blue.
- The triangle pink.
- The hexagon green.

What is the shape of the moon called?

Colour it yellow.

Enrichment Activity 3.24

Find the shape names in the letter grid. Colour or circle each word.

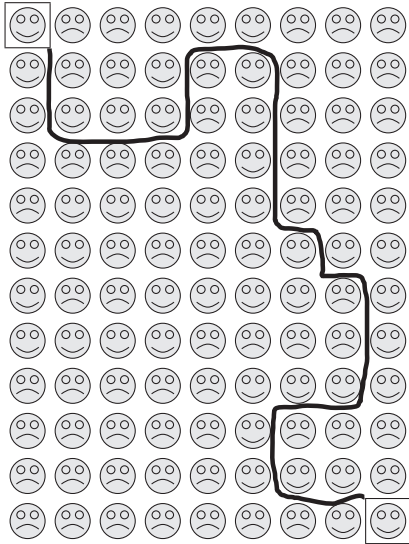
t	r	i	a	n	g	l	e	m	a
r	e	d	r	i	e	h	o	e	k
i	c	i	r	c	l	e	s	u	m
a	t	x	h	e	x	a	g	o	n
n	a	s	f	r	t	h	i	v	t
l	n	s	q	p	m	n	b	a	h
g	g	o	c	i	r	c	e	l	r
e	l	r	s	q	u	a	r	e	e
e	e	c	r	e	s	c	e	n	t

- triangle rectangle
- circle oval
- hexagon square
- crescent cross

Enrichment Activity 3.21: Answers

Find your way

Start at the first face and find a way to the last face by going past only the happy faces. Don't go through any sad faces.



Enrichment Activity 3.22

Where is the number name?

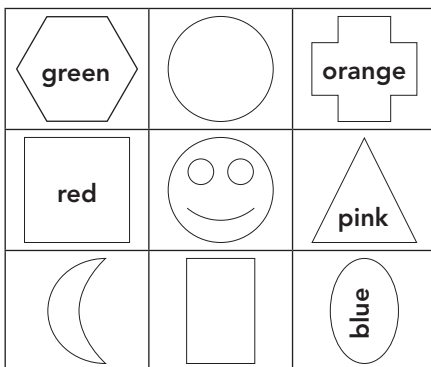
Where is the number name in the letter grid?
Colour or circle each word.

b	o	n	e	d	r	e
s	e	c	o	n	d	l
i	x	t	h	r	e	e
x	t	e	n	t	h	v
t	w	e	l	v	e	e
y	o	f	o	u	r	n

- 1 11
- 3 60
- 2nd 2
- 12 10th

Enrichment Activity 3.23: Answers

Who are my friends?



Colour the shapes:

- The square red.
- The cross orange.
- The oval blue.
- The triangle pink.
- The hexagon green.

What is the shape of the moon called?

crescent

Colour it yellow.

Enrichment Activity 3.24

Find the shape names in the letter grid.
Colour or circle each word.

t	r	i	a	n	g	l	e	m	a
r	e	d	r	i	e	h	o	e	k
i	c	i	r	c	l	e	s	u	m
a	t	x	h	e	x	a	g	o	n
n	a	s	f	r	t	h	i	v	t
l	n	s	q	p	m	n	b	a	h
g	g	o	c	i	r	c	e	l	r
e	l	r	s	q	u	a	r	e	e
e	e	c	r	e	s	c	e	n	t

- triangle rectangle
- circle oval
- hexagon square
- crescent cross

Enrichment Activity 3.25





Complete the Sudoku to make 10s

4	2		
		2	4
3	1		
		1	3





Enrichment Activity 3.26

Money

Order the coins from the coins with the most value to the coins with the least value.
Only write the numbers.

1. 	2. 	3. 	4. 

Now order from the coins with the least value to the coins with the most value.
Only write the numbers.

1. 	2. 	3. 	4. 

Enrichment Activity 3.27

What can I buy?

You have R2, 00.

Can you buy three cupcakes?



You have R5, 00.

Can you buy three balls?



Enrichment Activity 3.28

Complete the Sudoku

	2	3	
1			4
2			3
	1	4	

Enrichment Activity 3.25: Answers

Complete the Sudoku to make 10s





4	2	3	1
1	3	2	4
3	1	4	2
2	4	1	3

Enrichment Activity 3.26: Answers

Money





Order the coins from the coins with the most value to the coins with the least value.

Only write the numbers.

1. 	2. 	3. 	4. 
2	3	4	1

Now order from the coins with the least value to the coins with the most value.

Only write the numbers.

1. 	2. 	3. 	4. 
3	2	1	4

Enrichment Activity 3.27: Answers

What can I buy?

You have R2, 00.

Can you buy three cupcakes?



YES

You have R5, 00.

Can you buy three balls?



NO

Enrichment Activity 3.28: Answers

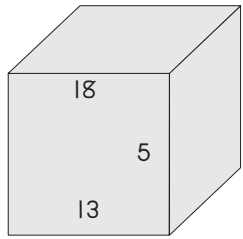
Complete the Sudoku

4	2	3	1
1	2	2	4
2	4	1	3
3	1	4	2

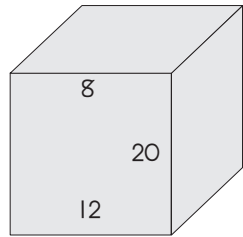
Enrichment Activity 3.29

Jumbled sums

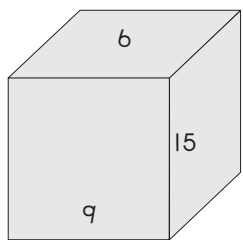
Use the numbers in the boxes to make a sum.



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



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

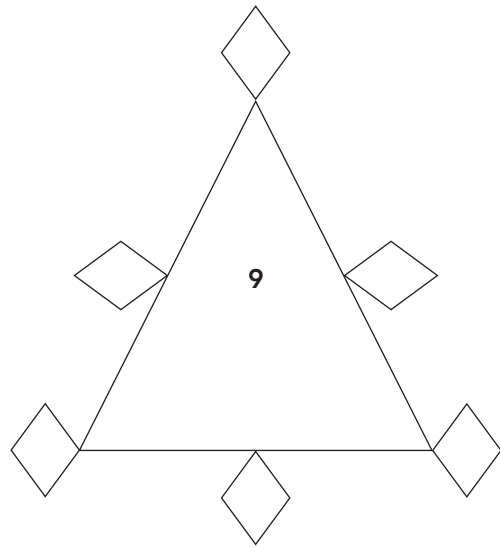


$$\square + \square = \square$$

Enrichment Activity 3.30

Six numbers

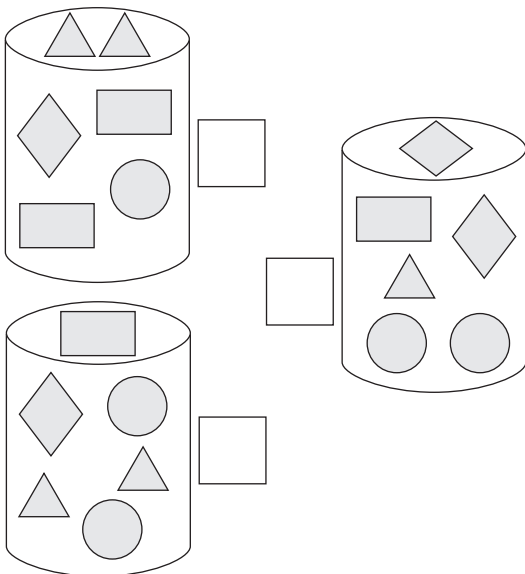
Place the numbers 1–6 in the diamonds so that each side of the triangle adds to the total inside the triangle.



Enrichment Activity 3.31

Value

What is the value of each cylinder if a rectangle is 4, a circle is 7, a triangle is 5 and a diamond is 10? Write the answer in the box.



Enrichment Activity 3.32

Colour to show the answer

Colour the numbers that will add up to the first number in the row of blocks.

17	3	5	2	9	7	8	0
----	---	---	---	---	---	---	---

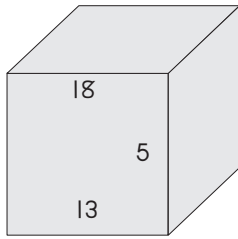
22	8	6	10	4	3	5	2
----	---	---	----	---	---	---	---

31	1	9	7	3	10	5	1
----	---	---	---	---	----	---	---

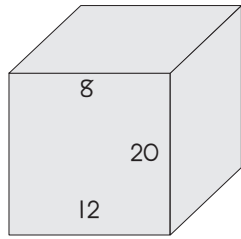
Enrichment Activity 3.29: Answers

Jumbled sums

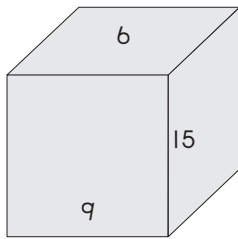
Use the numbers in the boxes to make a sum.



$$\boxed{13} + \boxed{5} = \boxed{18}$$



$$\boxed{12} + \boxed{8} = \boxed{20}$$

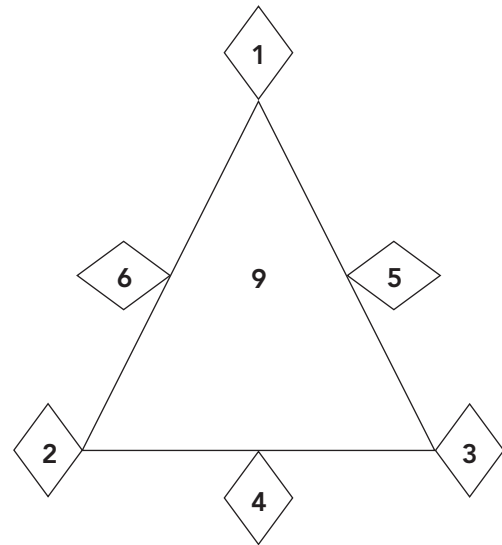


$$\boxed{9} + \boxed{6} = \boxed{15}$$

Enrichment Activity 3.30: Answers

Six numbers

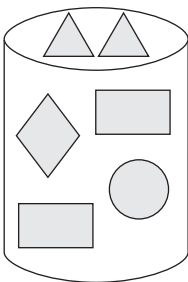
Place the numbers 1–6 in the diamonds so that each side of the triangle adds to the total inside the triangle.



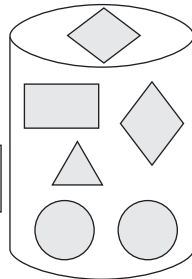
Enrichment Activity 3.31: Answers

Value

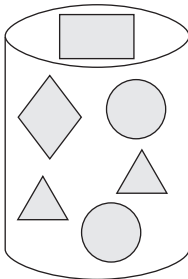
What is the value of each cylinder if a rectangle is 4, a circle is 7, a triangle is 5 and a diamond is 10? Write the answer in the box.



35



43



38

Enrichment Activity 3.32: Answers

Colour to show the answer

Colour the numbers that will add up to the first number in the row of blocks.

17	3	5	2	9	7	8	0
17	3	5	2	9	7	8	0

22	8	6	10	4	3	5	2
22	8	6	10	4	3	5	2

31	1	9	7	3	10	5	1
----	---	---	---	---	----	---	---

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 laminated cardboard 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 Ndivho 3.1

Ndi nne nnyi?

Ndi nga fhasi ha 20, fhedzi ntha ha 15. Mudzulapo wanga u fhasi ha 18 nga 1a dovha a vha ntha kha nne nga nthihi.

Ndi nga fhasi ha 16. Arali na nga dovholola/andisa lu no ita luraru, ndi mbo gi vha 45.

Mushumo wa u Pfumisa Ndivho 3.2

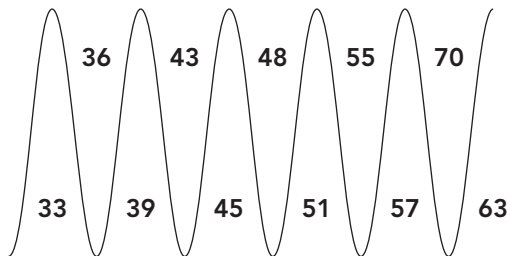
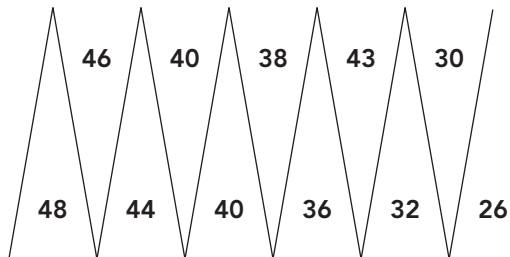
Ndi nnyi a rena tshelede nnzhi?

- Busi u na: 10c mbili, 50c tharu na R2 nthihii.
- Pete u na: R1 mbili, 5c dza rathi na 20c mbili.
- Nicole u na: 10c dza sumbe, 20c thanu na 5c dza malo.

Ndi nnyi a rena tshelede nnzhi?

Mushumo wa u Pfumisa Ndivho 3.3

Sedzani uri ho khakhea gai



Mushumo wa u Pfumisa Ndivho 3.4

Wanani nomboro

Toḡani ni khaḡare phere dzoḡhe dza buḡoko hune nomboro mbili dzine dzavha tsini na tsini, kana nga fhasi ha inwe, dza ḡo ni fha 30.

15	15	12	17
4	14	16	12
5	10	21	9
25	30	14	18
8	0	11	12

Mushumo wa u Pfumisa Ndivho 3.1: Phindulo
Ndi nne nnyi?

Ndi nga fhasi ha 20, fhedzi n̄tha ha 15. Mudzulapo wanga u fhasi ha 18 nga 1a dovha a vha n̄tha kha n̄ne nga nthihi.

16

Ndi nga fhasi ha 16. Arali na nga dovholola/andisa lu no ita luraru, ndi mbo ɔi vha 45.

15

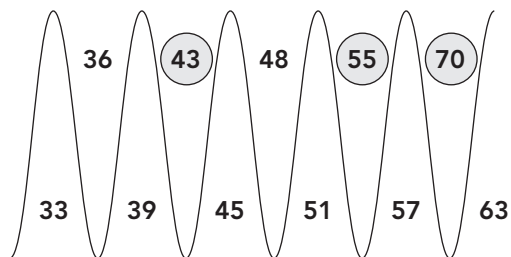
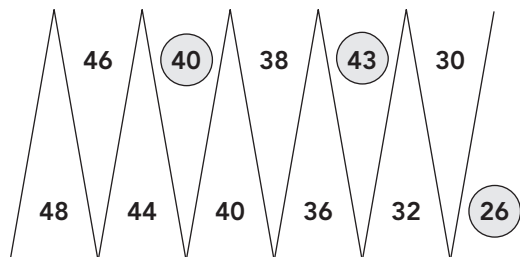
Mushumo wa u Pfumisa Ndivho 3.2: Phindulo
Ndi nnyi a rena tshelede nnzhi?

- Busi u na: 10c mbili, 50c tharu na R2 nthihii.
- Pete u na: R1 mbili, 5c dza rathi na 20c mbili.
- Nicole u na: 10c dza sumbe, 20c ̄thanu na 5c dza malo.

Ndi nnyi a rena tshelede nnzhi?

Busi u na tshelede nnzhi!

Mushumo wa u Pfumisa Ndivho 3.3: Phindulo
Sedzani uri ho khakhea gai



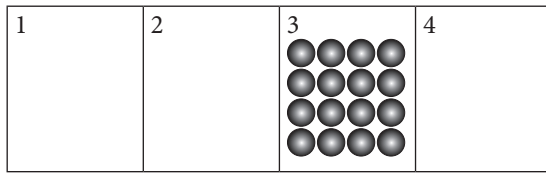
Mushumo wa u Pfumisa Ndivho 3.4: Phindulo
Wanani nomboro

̄oɔani ni khaɔare phere dzōthe dza buɔoko hune nomboro mbili dzine dzavha tsini na tsini, kana nga fhasi ha īnwe, dza ɔo ni fha 30.

15	15	12	17
4	14	16	12
5	10	21	9
25	30	14	18
8	0	11	12

Mushumo wa u Pfumisa Ndivho 3.5

U tutula muhumbulo



Lebokoso la 3 le na le dimmabole di le 16.

Lebokoso la 1 le na le halofo la lona.

Lebokoso la 4 le na le gabedi tse di mo go lebokoso la 1.

Lebokoso la 2 le na le halofo ya palo ya mae go na le lebokoso 4.

Go na le mae a le makae mo lebokosong la 1 le la 2 mmogo?

Mushumo wa u Pfumisa Ndivho 3.6

Mulaedza wa tshiphiri

Pwashani khoutu ni tshi khou shumisa bogisi la phindulo.

a	e	h	l	m	i	o	t	s	v
24	25	26	34	35	36	44	45	46	50

1. $18 + 18 = \underline{\quad}$
2. $17 + 17 = \underline{\quad}$
3. $22 + 22 = \underline{\quad}$
4. $25 + 25 = \underline{\quad}$
5. $12 + 13 = \underline{\quad}$
6. $17 + 18 = \underline{\quad}$
7. $12 + 12 = \underline{\quad}$
8. $22 + 23 = \underline{\quad}$
9. $13 + 13 = \underline{\quad}$
10. $23 + 23 = \underline{\quad}$

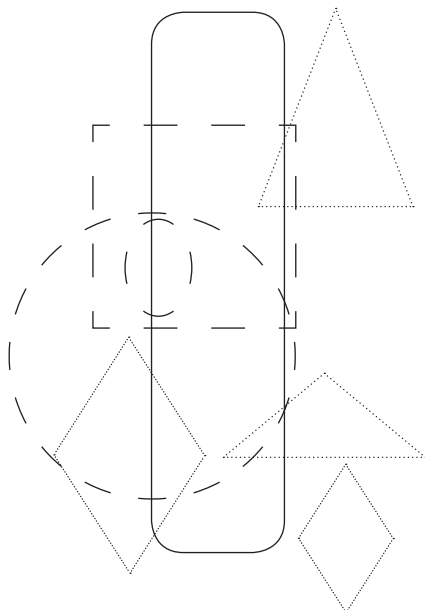
Mushumo wa u Pfumisa Ndivho 3.7

Wanani hezwi zwivhumbeo ni n'wale muvhala kha zwo

thiraengele – lutombo

zwikwea – tswuku

zwitendeledzi - tada



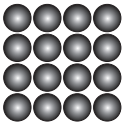
Mushumo wa u Pfumisa Ndivho 3.8

Wanani nomboro

Todani ni khalare phere dzothe dza bujoko hune nomboro mbili dzine dzavha tsini na tsini, kana nga fhasi ha inwe, dza go ni fha 30.

26	19	4	7
3	11	18	23
27	4	26	9
13	15	29	1
17	15	11	12

Mushumo wa u Pfumisa Ndivho 3.5: Phindulo
U tutula muhumbulo

1	2	3	4
8	8		16

Lebokoso la 3 le na le dimmabole di le 16.
Lebokoso la 1 le na le halofo la lona.
Lebokoso la 4 le na le gabedi tse di mo go lebokoso la 1.
Lebokoso la 2 le na le halofo ya palo ya mae go na le lebokoso 4.

Go na le mae a le makae mo lebokosong la 1 le la 2 mmogo?

18

Mushumo wa u Pfumisa Ndivho 3.6: Phindulo
Mulaedza wa tshiphiri

Pwashani khoutu ni tshi kou shumisa bogisi la phindulo.

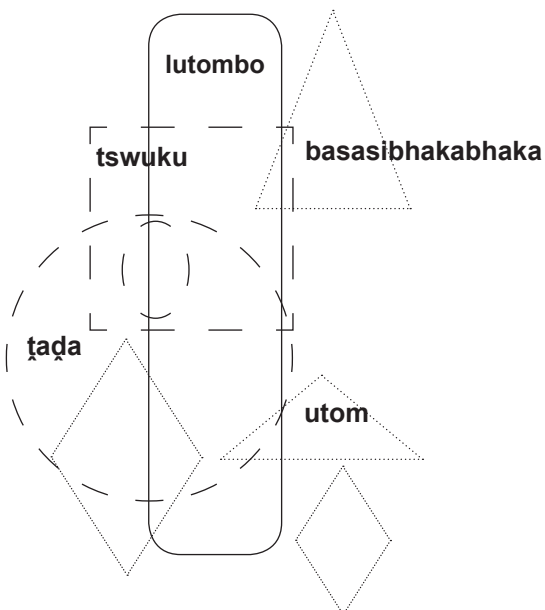
a	e	h	l	m	i	o	t	s	v
24	25	26	34	35	36	44	45	46	50

- $18 + 18 = \mathbf{36}$
- $17 + 17 = \mathbf{34}$
- $22 + 22 = \mathbf{44}$
- $25 + 25 = \mathbf{50}$
- $12 + 13 = \mathbf{25}$
- $17 + 18 = \mathbf{35}$
- $12 + 12 = \mathbf{24}$
- $22 + 23 = \mathbf{45}$
- $13 + 13 = \mathbf{26}$
- $23 + 23 = \mathbf{46}$

I l o v e m a t h s

Mushumo wa u Pfumisa Ndivho 3.7: Phindulo
Wanani hezwi zwivhumbeo ni n'wale muvhala kha zwo

thiraengele – lutombo
zwikwea – tswuku
zwitendeledzi - tada



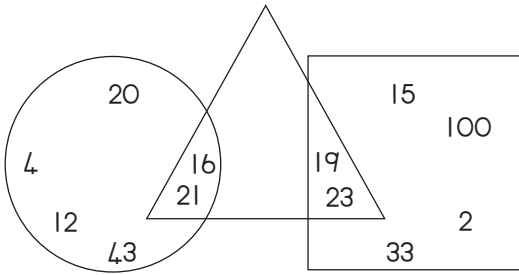
Mushumo wa u Pfumisa Ndivho 3.8: Phindulo
Wanani nomboro

Ṭoḍani ni khaḷare phere dzoṭhe dza buḷoko hune nomboro mbili dzine dzavha tsini na tsini, kana nga fhasi ha in'we, dza ḍo ni fha 30.

26	19	4	7
3	11	18	23
27	4	26	9
13	15	29	1
17	15	11	12

Mushumo wa u Pfumisa Ndivho 3.9

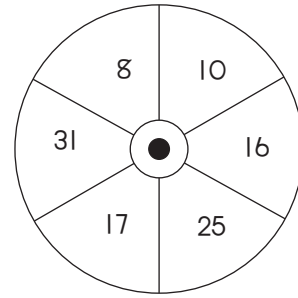
Ndi I fhio nomboro?



1. Heyi nomboro I kha tshitendeledzi. Ndi inga kavhili ya Yo andakavhili nga 6. _____
2. Heyi nomboro. Ni tshi I hafula, I fha 50. _____
3. Hedzi nomboro dzi re kha thiraengele. Ndi nomboro dza vhukati(even number) I fhasi ha18 nga 2. _____

Mushumo wa u Pfumisa Ndivho 3.10

U mutambo wa dzidatha



1. Ndi tshifhio tshikoro tsha nthesa ni tshi khoushumisa dzidatha dza 2? _____
2. Tshikoro tsha Ben ndi 30. Ndi dzi fhio nomboro dze tharu dze a dzi wana? _____, _____, _____.
3. Tshikoro tsha Sipho ndi 16. Datha mbili dzo rwa kha tshikoro tshithihi. Ndi i fhio nomboro ye a i wana? _____

Mushumo wa u Pfumisa Ndivho 3.11

Hu na zwikwea zwingana?

A				
B				
C				
D				

Hu na zwikwea zwingana zwi re a fho kha:

Muduba A? _____

Muduba C + D? _____

Hafu ya muduba B? _____

Dzhenisani muduba C na hafu ya muduba B.

Mushumo wa u Pfumisa Ndivho 3.12

Nomboro 12

$$\text{_____} \times 1 = 12$$

$$\text{_____} \times 2 = 12$$

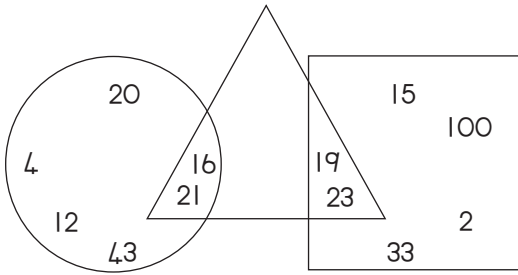
$$\text{_____} \times 3 = 12$$

$$\text{_____} \times 4 = 12$$

$$\text{_____} \times 6 = 12$$

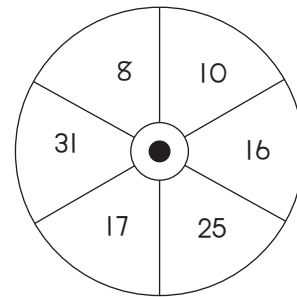
$$\text{_____} \times 12 = 12$$

Mushumo wa u Pfumisa Ndivho 3.9: Phindulo
Ndi I fhio nomboro?



1. Heyi nomboro I kha tshitendeledzi. Ndi inga kavhili ya Yo andakavhili nga 6. **12**
2. Heyi nomboro. Ni tshi I hafula, I fha 50. **100**
3. Hedzi nomboro dzi re kha thiraengele. Ndi nomboro dza vhukati(even number) I fhasi ha18 nga 2. **16**

Mushumo wa u Pfumisa Ndivho 3.10: Phindulo
U mutambo wa dzidatha



1. Ndi tshifhio tshikoro tsha nthesa ni tshi khou shumisa dzidatha dza 2? **62**
2. Tshikoro tsha Ben ndi 30. Ndi dzi fhio nomboro dze tharu dze a dzi wana? **10, 10, 10.**
3. Tshikoro tsha Siphon ndi 16. Datha mbili dzo rwa kha tshikoro tshithihi. Ndi i fhio nomboro ye a i wana? **8**

Mushumo wa u Pfumisa Ndivho 3.11: Phindulo

Hu na zwikwea zwingana?

A				
B				
C				
D				

Hu na zwikwea zwingana zwi re a fho kha:

Muduba A? **4**

Muduba C + D? **8**

Hafu ya muduba B? **2**

Dzhenisani muduba C na hafu ya muduba B.

6

Mushumo wa u Pfumisa Ndivho 3.12: Phindulo

Nomboro 12

$$12 \times 1 = 12$$

$$6 \times 2 = 12$$

$$4 \times 3 = 12$$

$$3 \times 4 = 12$$

$$2 \times 6 = 12$$

$$1 \times 12 = 12$$

Mushumo wa u Pfumisa Ndivho 3.13

Itelani mme anu Sms



Ndi tshwayo dzi vhio dzine na dzi vhona musi ni tshi itela mma anu hoyu mulaedza: Ndi a vha funa: "I love you."

Mushumo wa u Pfumisa Ndivho 3.14

U ri mini mulaedza?



- 9 * ,

* 5 5

Mushumo wa u Pfumisa Ndivho 3.15

Tanganyisani



Nomboro dzothe dzi re kha muduba wa u thoma: _____

Nomboro dzothe dzi re kha muduba wa u vhuvhili: _____

Nomboro dzothe dzi re kha muduba wa u vhuraru: _____

Guṭe ḽa dzi nomboro kha muduba wa 1 na 2?

Mushumo wa u Pfumisa Ndivho 3.16

U dovha na tanganyisa



Tanganyisani nomboro dzothe kha kholomu u thoma kha 1: _____

Tanganyisani nomboro dzothe kha kholomu u thoma kha 2: _____

Tanganyisani nomboro dzothe kha kholomu u thoma kha 3: _____

Guṭe ḽa dzi nomboro kha kholomo ya 1 na 3? _____

Mushumo wa u Pfumisa Ndivho 3.13:

Phindulo

Itelani mme aṅu Sms



Ndi tshwayo dzi vho dzine na dzi vhona musi ni tshi itela mma aṅu hoyu mulaedza: Ndi a vha funa: "I love you."

- " + ? 2

) + -

Mushumo wa u Pfumisa Ndivho 3.14:

Phindulo

U ri mini mulaedza?



- 9 * ,

l c a n

* 5 5

a d d

Mushumo wa u Pfumisa Ndivho 3.15:

Phindulo

Ṭanganyisani



Nomboro dzoṭhe dzi re kha muduba wa u thoma: **6**

Nomboro dzoṭhe dzi re kha muduba wa u vuvhili: **15**

Nomboro dzoṭhe dzi re kha muduba wa u vhuraru: **24**

Guṭe ṭa dzi nomboro kha muduba wa 1 na 2? **21**

Mushumo wa u Pfumisa Ndivho 3.16:

Phindulo

U dovha na ṭanganyisa



Ṭanganyisani nomboro dzoṭhe kha khoṭomu u thoma kha 1: **12**

Ṭanganyisani nomboro dzoṭhe kha khoṭomu u thoma kha 2: **15**

Ṭanganyisani nomboro dzoṭhe kha khoṭomu u thoma kha 3: **18**

Guṭe ṭa dzi nomboro kha khoṭomu ya 1 na 3? **30**

Mushumo wa u Pfumisa Ndivho 3.17

Nomboro dza odinala
Kha mutaladzi wa fhungo

Baba vho tuwa na nne

Vhugalaphukha (Zoo).

Ndi li fhio lelere la vhumalo? _____

Kha mutaladzi wa fhungo:

Ro vhona dzi ndau na zwiṱoni.

Ndi li fhio lelere la vha furaru? _____

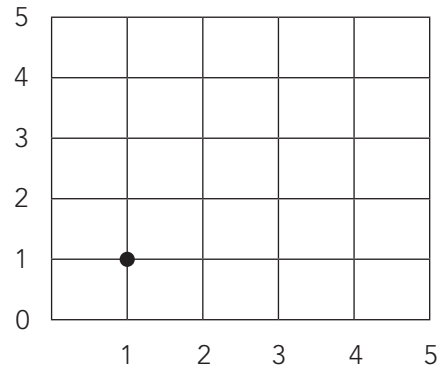
Kha mutaladzi wa fhungo:

Ro dovha ra vhona zwiṱoni zwa dzi phingwini na ...

Ṁwalani haya maḽere o ambiwaho kha:
lelere la vhumalo, la vhufumi , la vhuvhili na la vhusumba ri vhone uri a a amba mibi.

Mushumo wa u Pfumisa Ndivho 3.18

Tumani dzi dotho



Tumani dotho kha 1–1 (ye na itelwa), 2–2, 2–1 na 1–2. Tumani dzidotho kha.

No wana tshivhumbeo tshi fhio?

Mushumo wa u Pfumisa Ndivho 3.19

Ndi mini nomboro?

Ndi na mahumi a 4.

Ndi mini yunithi dza 3 dzi re fhasi ha mahumi?

Ndi na luhumi li l.

Ndi mini yunithi dza 5 dzi re nṱha ha 5?

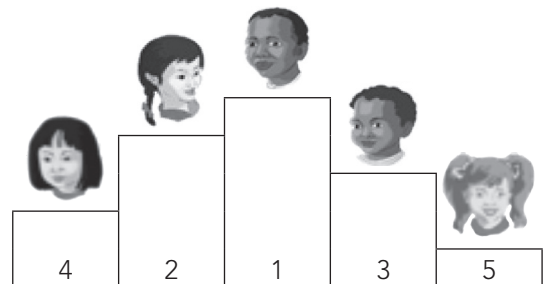
Ndi na yunithi dza 8.

Ndi mini mahumi a 4 a re nṱha ha mahumi?

Mushumo wa u Pfumisa Ndivho 3.20

Ndo wana vhuimo vhu fhio kha iyi mbambe ya u gidima?

1. mram o wana vhuimo ha u thoma.
2. Mary o wana vhuimo ha vhuvhili.
3. John o wana vhuimo ha vhuraru.
4. Maryke o wana vhuimo ha vhuṱanu.
5. Ndo wana vhuimo ha _____



Mushumo wa u Pfumisa Ndivho 3.17:

Phindulo

Nomboro dza odinala
Kha mutaladzi wa fhungo

Baba vho tuwa na nne

Vhugalaphukha (Zoo).

Ndi li fhio ledere la vhumalo? t

Kha mutaladzi wa fhungo:

Ro vhona dzi ndau na zwiṇoni.

Ndi li fhio ledere la vha furaru? a

Kha mutaladzi wa fhungo:

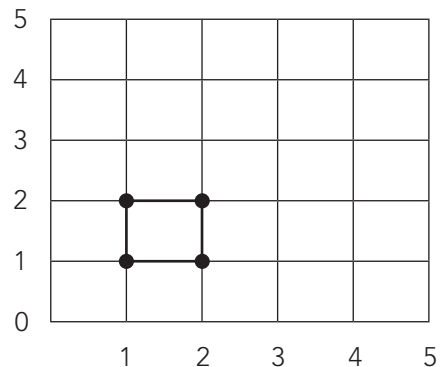
Ro dovha ra vhona zwiṇoni zwa dzi phingwini na ...

nwalani haya maledere u wana uri ndi zwi fhio zwiṇwe zwipuka: tsha vhu malo, tsha vhufumi, tsha vhuvhili na tsha vhu fusumbe.

Mushumo wa u Pfumisa Ndivho 3.18:

Phindulo

Tumani dzi dotho



Tumani dotho kha 1-1 (ye na itelwa), 2-2, 2-1 na 1-2. Tumani dzidotho kha.

No wana tshivhumbeo tshi fhio?

tshikwea

Mushumo wa u Pfumisa Ndivho 3.19:

Phindulo

Ndi mini nomboro?

Ndi na mahumi a 4.

Ndi mini yunithi dza 3 dzi re fhasi ha mahumi?

37

Ndi na juhumi li l.

Ndi mini yunithi dza 5 dzi re nṅha ha 5?

15

Ndi na yunithi dza 8.

Ndi mini mahumi a 4 a re nṅha ha mahumi?

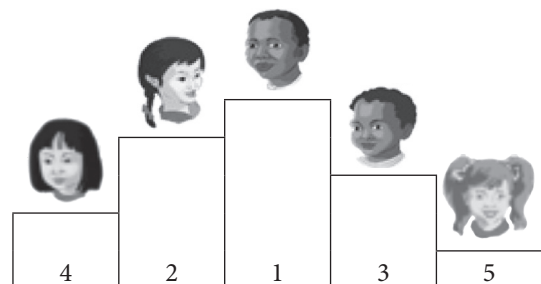
48

Mushumo wa u Pfumisa Ndivho 3.20:

Phindulo

Ndo wana vhuimo vhu fhio kha iyi mbambe ya u gidima?

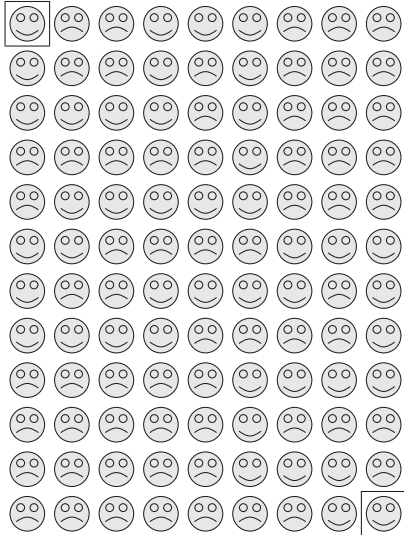
1. Mram o wana vhuimo ha u thoma.
2. Mary o wana vhuimo ha vhuvhili.
3. John o wana vhuimo ha vhuraru.
4. Maryke o wana vhuimo ha vhuṅanu.
5. Ndo wana vhuimo ha **vhunṅ**.



Mushumo wa u Pfumisa Ndivho 3.21

Wanani ndila

Thomani kha tshifhaṭuwo tsha u thoma ni tshi khou ya kha tsha u fhedzisela ni tshi khou tshimbila kha zwifhaṭuwo zwo takakaho. Ni songo ṭuwa nga zwifhaṭuwo zwo sinyuwaho.



Mushumo wa u Pfumisa Ndivho 3.22

Li gai dzina la nomboro kha giridi ya leḏere?

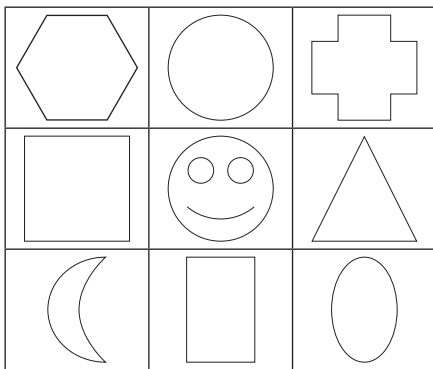
Khaḷarani kana ni tingeledze leḏere liṅwe na liṅwe.

b	o	n	e	d	r	e
s	e	c	o	n	d	l
i	x	t	h	r	e	e
x	t	e	n	t	h	v
t	w	e	l	v	e	e
y	o	f	o	u	r	n

- 1 11
- 3 60
- 2nd 2
- 12 10th

Mushumo wa u Pfumisa Ndivho 3.23

Khonani dzanga ndi vho nnyi?



Khaḷarani zwivhumbeo:

- Tshikwea tshi vhe tshi tswuku.
- Tshifhambano nga muvhala wa swiri.
- Ovaḷa I vhe ḷutombo.
- Ṭhiraengele I vhe piinki.
- Hezagone I vha dala
- Tshivhumbeo tsha ṅwedzi tshi pfi mini?

_____ Khaḷarani nga muvhala wa thophi.

Mushumo wa u Pfumisa Ndivho 3.24

Wanani madzina a zwivhumbeo kha giridi ya maḷeḏere. Khaḷarani kana ni tingeledze maipfi.

t	r	i	a	n	g	l	e	m	a
r	e	d	r	i	e	h	o	e	k
i	c	i	r	c	l	e	s	u	m
a	t	x	h	e	x	a	g	o	n
n	a	s	f	r	t	h	i	v	t
l	n	s	q	p	m	n	b	a	h
g	g	o	c	i	r	c	e	l	r
e	l	r	s	q	u	a	r	e	e
e	e	c	r	e	s	c	e	n	t

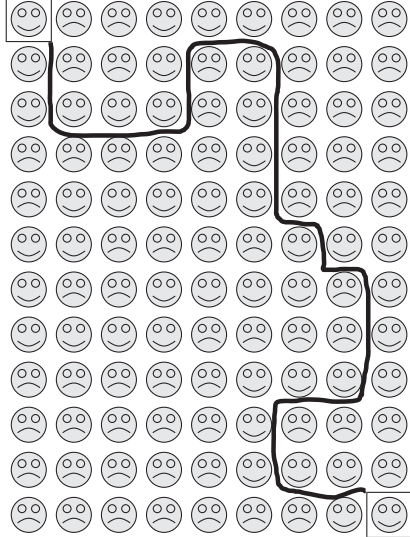
- triangle rectangle
- circle oval
- hexagon square
- crescent cross

Mushumo wa u Pfumisa Ndivho 3.21:

Phindulo

Wanani ndila

Thomani kha tshifhatuwo tsha u thoma ni tshi khou ya kha tsha u fhedzisela ni tshi khou tshimbila kha zwifhatuwo zwo takakaho. Ni songo tuwa nga zwifhatuwo zwo sinyuwaho



Mushumo wa u Pfumisa Ndivho 3.22:

Phindulo

Li gai dzina la nomboro kha giridi ya ledere?

Khajarani kana ni tingeledze ledere linwe na linwe.

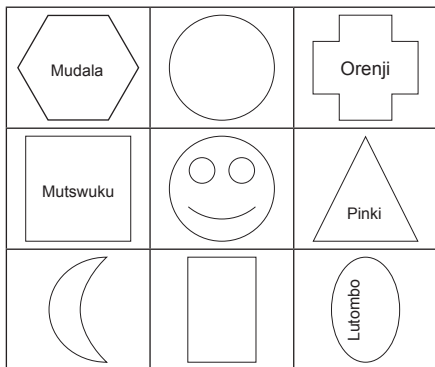
b	o	n	e	d	r	e
s	e	c	o	n	d	l
i	x	t	h	r	e	e
x	t	e	n	t	h	v
t	w	e	l	v	e	e
y	o	f	o	u	r	n

- 1 11
- 3 60
- 2nd 2
- 12 10th

Mushumo wa u Pfumisa Ndivho 3.23:

Phindulo

Khonani dzanga ndi vho nnyi?



Khajarani zwivhumbeo:

- Tshikwea tshi vhe tshi tswuku.
- Tshifhambano nga muvhala wa swiri.
- Ovaja l vhe lutombo.
- Thiraengele l vhe pinki.
- Hezagone l vha dala
- Tshivhumbeo tsha nwedzi tshi pfi mini?

Nwedzi

Khajarani nga muvhala wa thophi.

Mushumo wa u Pfumisa Ndivho 3.24:

Phindulo

Wanani madzina a zwivhumbeo kha giridi ya maledere. Khajarani kana ni tingeledze maipf.

t	r	i	a	n	g	l	e	m	a
r	e	d	r	i	e	h	o	e	k
i	c	i	r	c	l	e	s	u	m
a	t	x	h	e	x	a	g	o	n
n	a	s	f	r	t	h	i	v	t
l	n	s	q	p	m	n	b	a	h
g	g	o	c	i	r	c	e	l	r
e	l	r	s	q	u	a	r	e	e
e	e	c	r	e	s	c	e	n	t

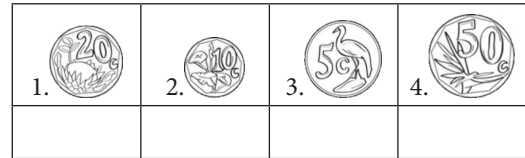
- triangle
- circle
- hexagon
- crescent
- rectangle
- oval
- square
- cross

Mushumo wa u Pfumisa Ndivho 3.25
 Dadzisani Sudoku u ita dzi10

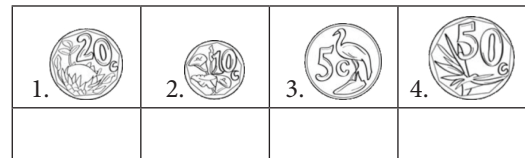
4	2		
		2	4
3	1		
		1	3

Mushumo wa u Pfumisa Ndivho 3.26
 Tshelede

Odani tsheledze ya dzi khoini u bva kha ine ya vha khulwane u swika kha ine ya vha thukhusa.



Zwino odani tshelede ni thome kha thukhusa u isa kha khulwanesa . Nwalani nomboro fhedzi.



Mushumo wa u Pfumisa Ndivho 3.27
 Ndi nga renga mini?

Ni na R2, 00. Ni nga renga makhekhe a re khaphuni?



Unama- R5,00.

Ni na R5, 00. Ni nga renga boja tharu?



Mushumo wa u Pfumisa Ndivho 3.28
 Dadzisani Sudoku

	2	3	
1			4
2			3
	1	4	

Mushumo wa u Pfumisa Ndivho 3.25:

Phindulo

Ḑadzisani Sudoku u ita dzi10





4	2	3	1
1	3	2	4
3	1	4	2
2	4	1	3

Mushumo wa u Pfumisa Ndivho 3.26:





Phindulo

Tshelede

Odani tsheledze ya dzi khoini u bva kha ine ya vha khulwane u swika kha ine ya vha ṭhukhusa.

1. 	2. 	3. 	4. 
2	3	4	1

Zwino odani tshelede ni thome kha ṭhukhusa u isa kha khulwanesa . Nwalani nomboro fhedzi.

1. 	2. 	3. 	4. 
3	2	1	4

Mushumo wa u Pfumisa Ndivho 3.27:

Phindulo

Ndi nga renga mini?

Ni na R2, 00. Ni nga renga makhekhe a re khaphuni??



Ee

Unama- R5,00.

Ni na R5, 00. Ni nga renga boḷa tharu??



Hai

Mushumo wa u Pfumisa Ndivho 3.28:

Phindulo

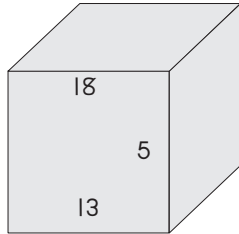
Ḑadzisani Sudoku

4	2	3	1
1	2	2	4
2	4	1	3
3	1	4	2

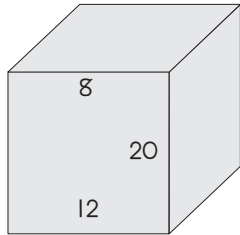
Mushumo wa u Pfumisa Ndivho 3.29

Mbalo dzo talanganaho

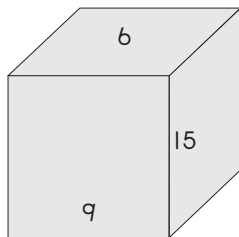
Shumisani nomboro dzi re kha bogisi u ita mbalo.



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



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

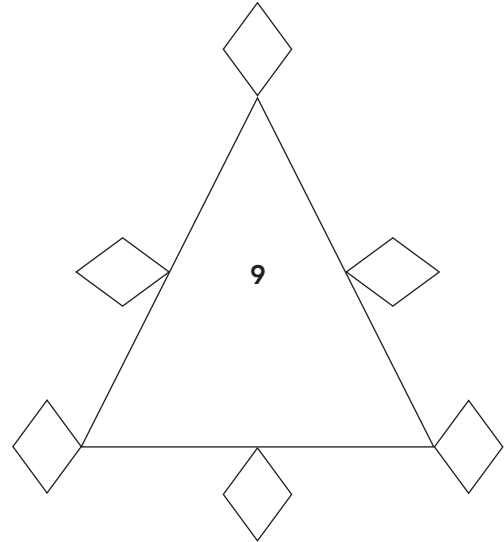


$$\square + \square = \square$$

Mushumo wa u Pfumisa Ndivho 3.30

Nomboro dza rathi

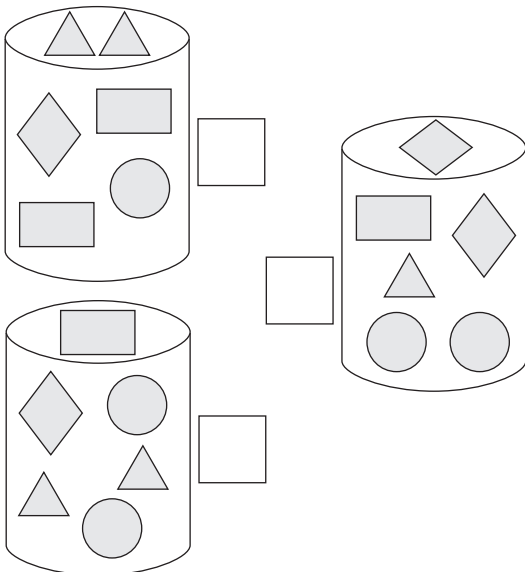
Vheani nomboro 1–6 kha dzi daimondo uri thunga dza thiraingeje dzo tangana dzi ita guṭe nga ngomu ha thiraingeje.



Mushumo wa u Pfumisa Ndivho 3.31

Vhuleme

Vhulema ha siḽinda iḽwe na iḽwe l re afha hu ḽo vha vhungafhani arali ha rekithengele vhu 4, ha tshitendeledzi vhu 3, ha thiraingele vhu 1 ha daimani vhu 10? Ḽwalani phindulo kha bogisi.



Mushumo wa u Pfumisa Ndivho 3.32

Khaḽarani u sumbedza phindulo

Khaḽarani nomboro dzine musi dzo tanganyiswa dza ita nomboro ya u thoma i re kha dzi buḽoko.

17	3	5	2	9	7	8	0
----	---	---	---	---	---	---	---

22	8	6	10	4	3	5	2
----	---	---	----	---	---	---	---

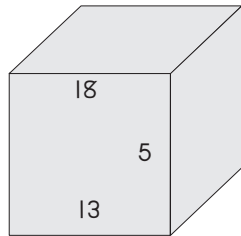
31	1	9	7	3	10	5	1
----	---	---	---	---	----	---	---

Mushumo wa u Pfumisa Ndivho 3.29:

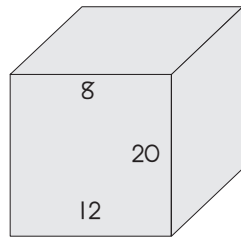
Phindulo

Mbalo dzo talanganaho

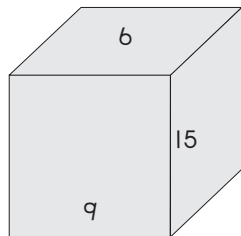
Shumisani nomboro dzi re kha bogisi u ita mbalo.



$$13 + 5 = 18$$



$$12 + 8 = 20$$



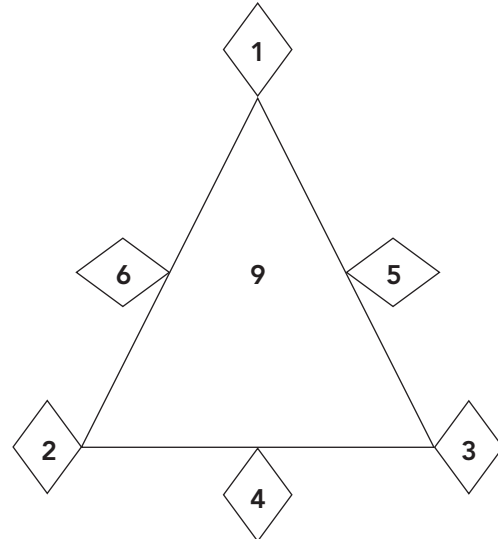
$$9 + 6 = 15$$

Mushumo wa u Pfumisa Ndivho 3.30:

Phindulo

Nomboro dza rathi

Vheani nomboro 1–6 kha dzi daimondo uri thunga dza thiraingeje dzo tangana dzi ita guṭe nga ngomu ha thiraingeje.

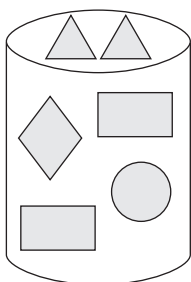


Mushumo wa u Pfumisa Ndivho 3.31:

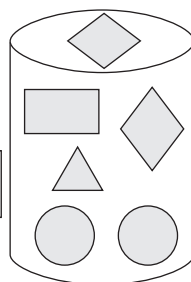
Phindulo

Vhuleme

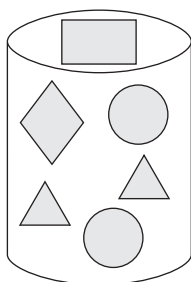
Vhulema ha sijinda inwe na inwe l re afha hu ḡo vha chungafhani arali ha rekithengele vhu 4, ha tshitendeledzi vhu 3, ha thiraengele vhu 1 ha daimani vhu 10? Nwalani phindulo kha bogisi.



35



43



38

Mushumo wa u Pfumisa Ndivho 3.32:

Phindulo

Khaḡarani u sumbedza phindulo

Khaḡarani nomboro dzine musi dzo tanganyiswa dza ita nomboro ya u thoma i re kha dzi buḷoko.

17	3	5	2	9	7	8	0
17	3	5	2	9	7	8	0

22	8	6	10	4	3	5	2
22	8	6	10	4	3	5	2

31	1	9	7	3	10	5	1
----	---	---	---	---	----	---	---