GRADE 3

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. 501–600 Number grid (Lesson 1)
2. 601–700 Number grid (Lesson 4)
3. 10–1 000 Number grid (Lesson 16)
4. Fraction strips (Lesson 30)
5. Fraction circles (Lesson 30)
6. Roll or slide worksheet (Lesson 40)
7. Multiplication table grid (see DBE Workbook) (several lessons)-

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. 501–600 Number grid (Lesson 1)

501	502	503	504	505	506	507	508	509	500
511	512	513	514	515	516	517	518	519	510
521	522	523	524	525	526	527	528	529	530
531	532	533	534	535	536	537	538	539	540
541	542	543	544	545	546	547	548	549	550
551	552	553	554	555	556	557	558	559	560
561	562	563	564	565	566	567	568	569	570
571	572	573	574	575	576	577	578	579	580
581	582	583	584	585	586	587	588	589	590
591	592	593	594	595	596	597	598	599	600

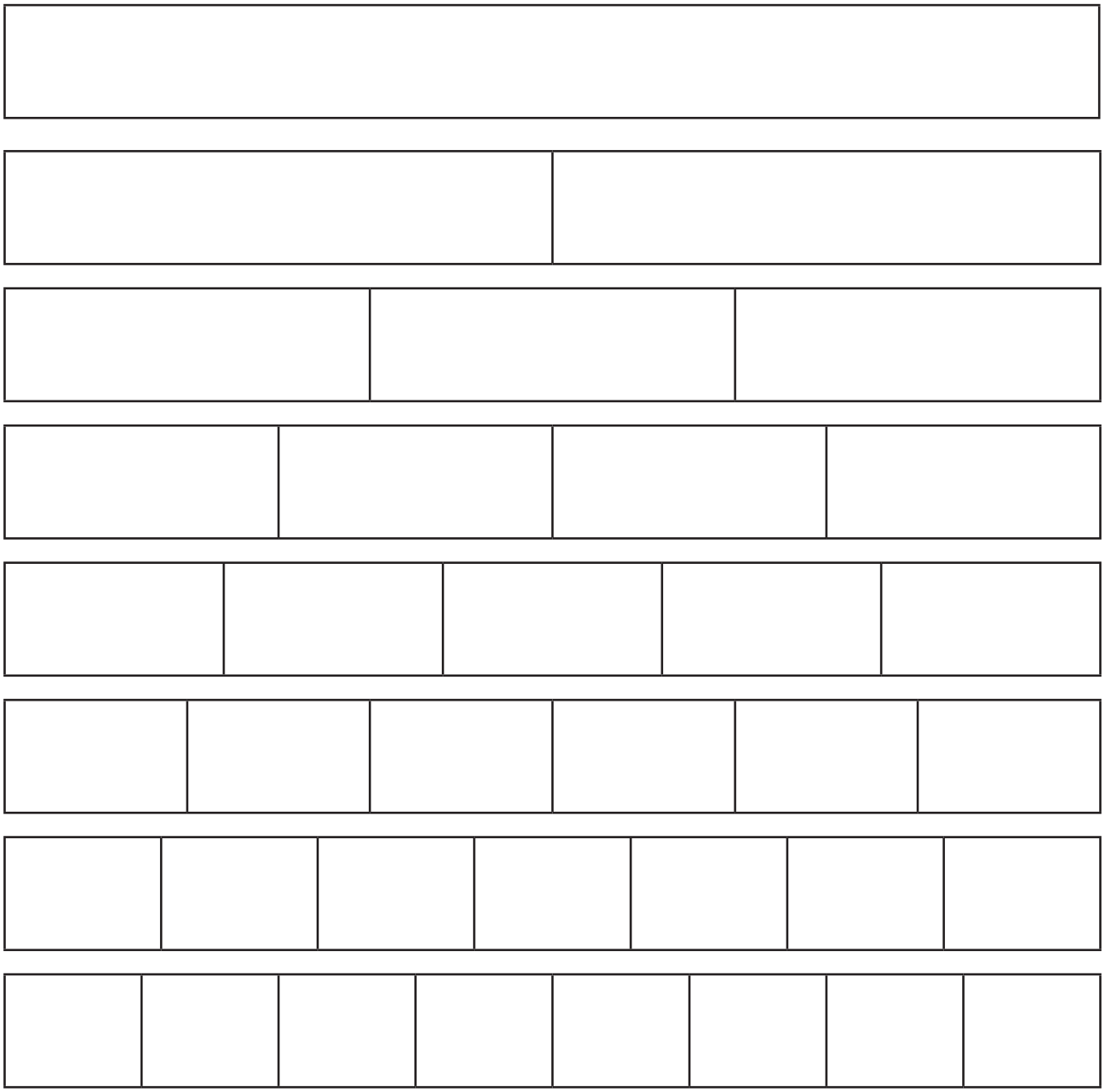
2. 601–700 Number grid (Lesson 4)

601	602	603	604	605	606	607	608	609	610
611	612	613	614	615	616	617	618	619	620
621	622	623	624	625	626	627	628	629	630
631	632	633	634	635	636	637	638	639	640
641	642	643	644	645	646	647	648	649	650
651	652	653	654	655	656	657	658	659	660
661	662	663	664	665	666	667	668	669	670
671	672	673	674	675	676	677	678	679	680
681	682	683	684	685	686	687	688	689	690
691	692	693	694	695	696	697	698	699	700

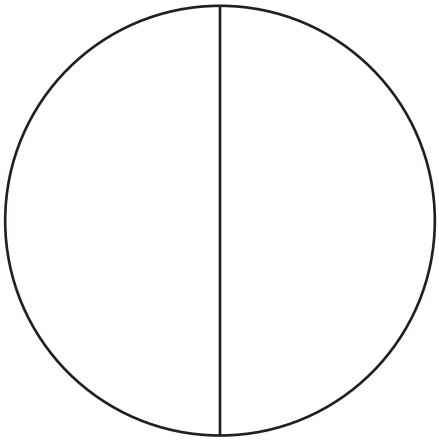
3. 10–1 000 Number grid (Lesson 16)

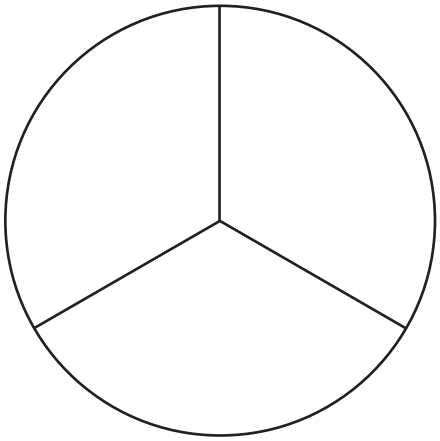
10	20	30	40	50	60	70	80	90	100
110	120	130	140	150	160	170	180	190	200
210	220	230	240	250	260	270	280	290	300
310	320	330	340	350	360	370	380	390	400
410	420	430	440	450	460	470	480	490	500
510	520	530	540	550	560	570	580	590	600
610	620	630	640	650	660	670	680	690	700
710	720	730	740	750	760	770	780	790	800
810	820	830	840	850	860	870	880	890	900
910	920	930	940	950	960	970	980	990	1000

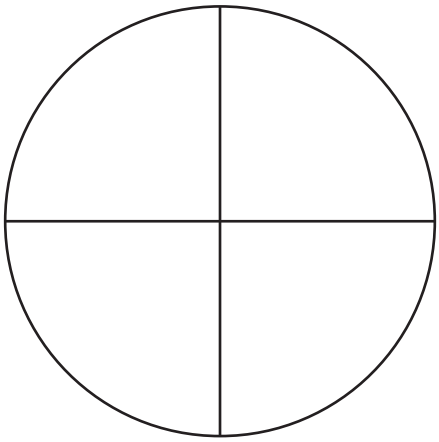
4. Fraction strips (Lesson 30)

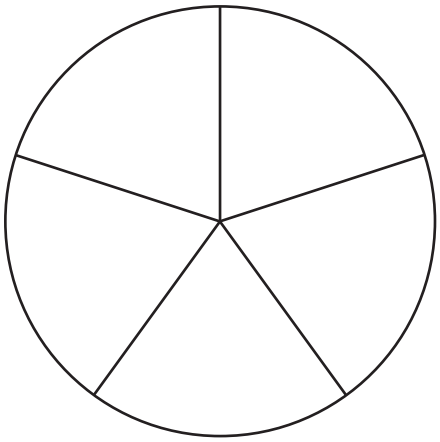


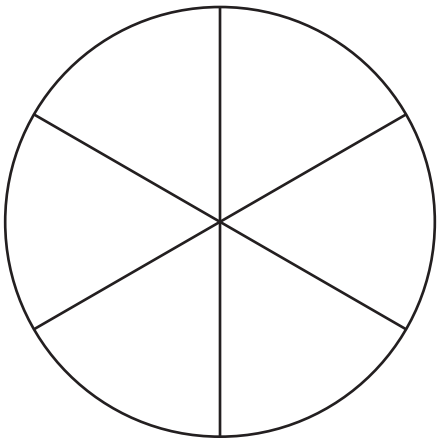
5. Fraction circles (Lesson 30)

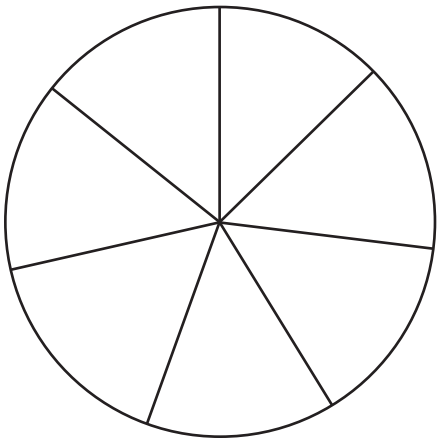


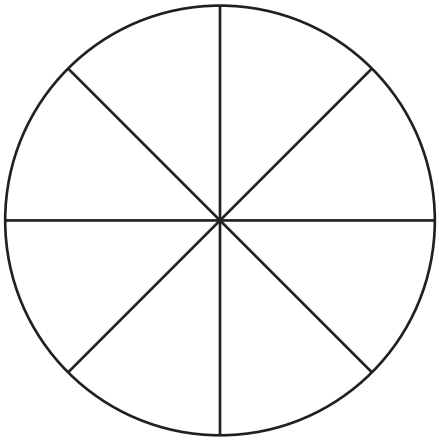


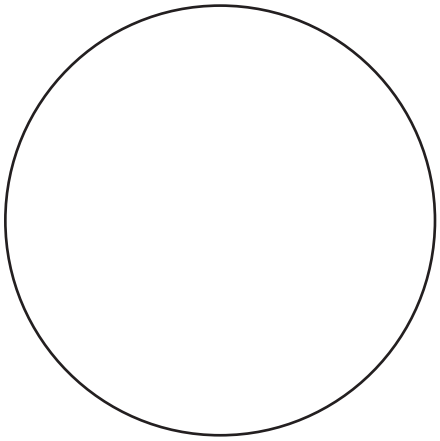












6. Roll or slide worksheet (Lesson 40)

	Draw	Roll?	Slide?
Cube			
Cone			
Prism			
Cylinder			
Pyramid			
Sphere			

	Draw	Roll?	Slide?
Cube			
Cone			
Prism			
Cylinder			
Pyramid			
Sphere			

6.Ngudo ya u kunguluwa kana u suvha (Ngudo 40)

	Ola	Kunguluwa?	Suvha?
Khubu			
Khounu			
Phirizimu			
Silindere			
Phiramidi			
Sifere			

	Ola	Kunguluwa?	Suvha?
Khubu			
Khounu			
Phirizimu			
Silindere			
Phiramidi			
Sifere			

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 0–30

Mupikisano wa Mbalo Garaṱa ya 1
U ṱanganyisa dzo fhambanaho 0–30

1. 22 + 2 =
2. 24 + 2 =
3. 23 + 3 =
4. 21 + 6 =
5. 22 + 8 =
6. 25 + 4 =
7. 24 + 4 =
8. 23 + 6 =
9. 29 + 1 =
10. 30 + 0 =

Maths Challenge Card 2
Adding multiples of 10

Mupikisano wa Mbalo Garaṱa ya 1
U ṱanganyisa nyandiso ya 10

1. 32 + 20 = ___
2. 65 + 30 = ___
3. 58 + 40 = ___
4. 38 + 50 = ___
5. 21 + 60 = ___
6. 74 + 20 = ___
7. 15 + 30 = ___
8. 46 + 40 = ___
9. 63 + 30 = ___
10. 58 + 40 = ___

Maths Challenge Card 3
Subtracting multiples of 10

Mupikisano wa Mbalo Garaṱa ya 1
U ṱusa nyandiso ya 10

1. 32 – 20 = ___
2. 65 – 30 = ___
3. 58 – 40 = ___
4. 88 – 50 = ___
5. 71 – 40 = ___
6. 74 – 20 = ___
7. 61 – 30 = ___
8. 46 – 40 = ___
9. 63 – 30 = ___
10. 58 – 40 = ___

Maths Challenge Card 4
Put the larger number first to add

Mupikisano wa Mbalo Garaṱa ya 1
Vheani nomboro khulwane uri ni ḓo thoma u ṱanganyisa yone

1. 2 + 22 = ___
2. 2 + 32 = ___
3. 2 + 42 = ___
4. 2 + 52 = ___
5. 2 + 62 = ___
6. 2 + 72 = ___
7. 2 + 82 = ___
8. 2 + 92 = ___
9. 2 + 102 = ___
10. 2 + 112 = ___

Maths Challenge Card 1: Answers
Addition number range 0–30

Mupikisano wa Mbalo Garaṱa ya 1: Phindulo
U ṱanganyisa dzo fhambanaho 0–30

1. 24
2. 26
3. 26
4. 27
5. 30
6. 29
7. 28
8. 29
9. 30
10. 30

Maths Challenge Card 2: Answers
Adding multiples of 10

Mupikisano wa Mbalo Garaṱa ya 1: Phindulo
U ṱanganyisa nyandiso ya 10

1. 52
2. 95
3. 98
4. 88
5. 81
6. 94
7. 45
8. 86
9. 93
10. 98

Maths Challenge Card 3: Answers
Subtracting multiples of 10

Mupikisano wa Mbalo Garaṱa ya 1: Phindulo
U ṱusa nyandiso ya 10

1. 12
2. 35
3. 18
4. 38
5. 31
6. 54
7. 31
8. 6
9. 33
10. 18

Maths Challenge Card 4: Answers
Put the larger number first to add

Mupikisano wa Mbalo Garaṱa ya 1: Phindulo
Vheani nomboro khulwane uri ni ḓo thoma u ṱanganyisa yone

1. 24
2. 34
3. 44
4. 54
5. 64
6. 74
7. 84
8. 94
9. 104
10. 114

Maths Challenge Card 5
Put the larger number first to count back

Mupikisano wa Mbalo Garaṱa ya 5
Vheani nomboro khulwane u thoma uri ni ḓo vhalela ni tshi ya murahu

1. ___ – 1 = 12
2. ___ – 2 = 14
3. ___ – 2 = 16
4. ___ – 2 = 18
5. ___ – 2 = 20
6. ___ – 6 = 9
7. ___ – 3 = 9
8. ___ – 5 = 9
9. ___ – 2 = 9
10. ___ – 4 = 9

Maths Challenge Card 6
Building up and breaking down strategies

Mupikisano wa Mbalo Garaṱa ya 6
U fhaṱa na u thutha

1. 25 + 32 = ___
2. 35 + 32 = ___
3. 28 + 32 = ___
4. 71 + 28 = ___
5. 45 + 35 = ___
6. 52 + 37 = ___
7. 67 + 21 = ___
8. 37 + 62 = ___
9. 84 + 16 = ___
10. 84 + 17 = ___

Maths Challenge Card 7: Answers
Doubles and near doubles

Mupikisano wa Mbalo Garaṱa ya 7: Phindulo
Nyingakavhili na dzi re tsini ha nyingakavhili

1. 20 + 20 = __
2. 20 + 21 = __
3. 20 + 19 = __
4. 40 – 20 = __
5. 40 – 19 = __
6. 40 – 21 = __
7. 30 + 31 = __
8. 30 + 29 = __
9. 60 – 29 = __
10. 60 – 31 = __

Maths Challenge Card 8: Answers
Use the relationship between multiplication and division

Mupikisano wa Mbalo Garaṱa ya 8: Phindulo
Shumisani vhushaka vhukati ha nyandiso na u kovhekanya

1. 4 x 10 = __
2. 10 x 4 = __
3. 40 ÷ 10 = __
4. 40 ÷ 4 =__
5. 5 x __ = 30
6. __ x 4 = 24
7. 3 x __ = 15
8. 30 ÷ _ = 10
9. __ ÷ 3 = 10
10. 4 x 8 = __

Maths Challenge Card 5: Answers
Put the larger number first to count back

Mupikisano wa Mbalo Garaṱa ya 5: Phindulo
Vheani nomboro khulwane u thoma uri ni ḓo vhalela ni tshi ya murahu

1. 13
2. 16
3. 18
4. 20
5. 22
6. 15
7. 12
8. 14
9. 11
10. 13

Maths Challenge Card 6: Answers
Building up and breaking down strategies

Mupikisano wa Mbalo Garaṱa ya 6: Phindulo
U fhaṱa na u thutha

1. 57
2. 67
3. 60
4. 99
5. 80
6. 89
7. 88
8. 99
9. 100
10. 101

Maths Challenge Card 7: Answers
Doubles and near doubles

Mupikisano wa Mbalo Garaṱa ya 7: Phindulo
Nyingakavhili na dzi re tsini ha nyingakavhili

1. 40
2. 41
3. 39
4. 20
5. 21
6. 19
7. 61
8. 59
9. 31
10. 29

Maths Challenge Card 8: Answers
Use the relationship between multiplication and division

Mupikisano wa Mbalo Garaṱa ya 8: Phindulo
Shumisani vhushaka vhukati ha nyandiso na u kovhekanya

1. 40
2. 40
3. 4
4. 10
5. 6
6. 6
7. 5
8. 3
9. 30
10. 32

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?

If you multiply me by 5, and add 3, you get 28.

When you divide me by 2, you get 5 with a remainder of 1.

Enrichment Activity 3.2

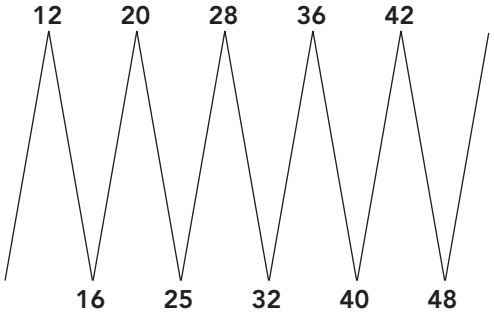
Who has the most money?

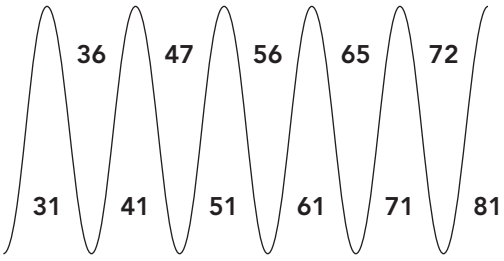
- Sarah has: two 20c coins, one R1 coin and five 5c coins.
- Peter has: ten 10c coins, two 50c coins and six 20c coins.
- Siphiwe has: two R1 coins and six 5c coins.

_____ has the most money.

Enrichment Activity 3.3

Spot the mistake





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 60.

11	49	23	10
12	20	40	50
33	18	15	33
27	60	45	19
30	30	18	41

Enrichment Activity 3.1: Answers

Who am I?

If you multiply me by 5, and add 3, you get 28.

5

When you divide me by 2, you get 5 with a remainder of 1.

11

Enrichment Activity 3.2: Answers

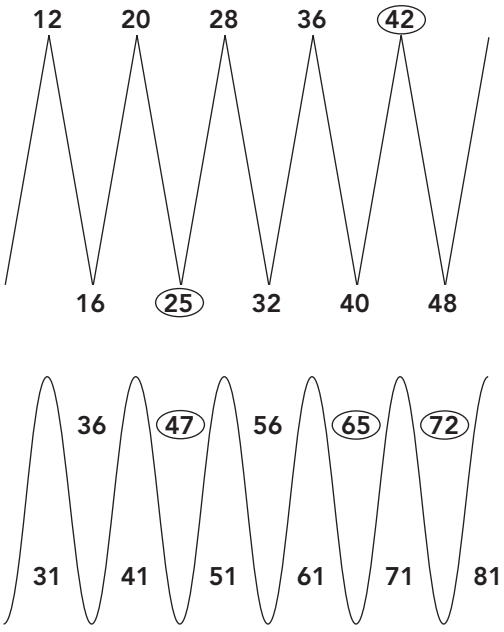
Who has the most money?

- Sarah has: two 20c coins, one R1 coin and five 5c coins.
- Peter has: ten 10c coins, two 50c coins and six 20c coins.
- Siphiwe has: two R1 coins and six 5c coins.

Peter has the most money.

Enrichment Activity 3.3: Answers

Spot the mistake



Enrichment Activity 3.4: Answers

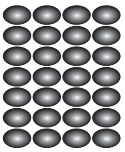
Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 60.

11	49	23	10
12	20	40	50
33	18	15	33
27	60	45	19
30	30	18	41

Enrichment Activity 3.5

Brain teaser

1	2	3	4
			

Box 3 has 28 eggs in it.

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 eggs are there in box 1 and 2 altogether?

_____

Enrichment Activity 3.6

Secret message

a	d	e	h	l	y	m	o	u	v	s	t
34	35	36	44	46	54	55	56	60	61	62	70

1. 17 + 18 = ___
2. 51 + 5 = ___
3. 21 + 33 = ___
4. 12 + 44 = ___
5. 30 + 30 = ___
6. 11 + 35 = ___
7. 41 + 15 = ___
8. 19 + 42 = ___
9. 18 + 18 = ___
10. 10 + 45 = ___
11. 17 + 17 = ___
12. 70 + 0 = ___
13. 12 + 32 = ___
14. 13 + 48 = ___

The answers, decoded in order, spell:

__ __ __ __ __ __ __ __ __ __ __ __ __ __ ?

Enrichment Activity 3.7

Egyptian numerals 354 look like this:

What would these numbers look like:

121 _____

322 _____

Enrichment Activity 3.8

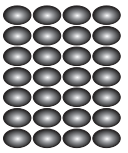
Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 60.

15	60	0	36
3	1	51	23
0	44	16	37
25	35	29	12
17	50	11	19

Enrichment Activity 3.5: Answers

Brain teaser

1	2	3	4
14	**14**		**28**

Box 3 has 28 eggs in it.

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 eggs are there in box 1 and 2 altogether?
28

Enrichment Activity 3.6: Answers

Secret message

a	d	e	h	l	y	m	o	u	v	s	t
34	35	36	44	46	54	55	56	60	61	62	70

1. 17 + 18 = **35**
2. 51 + 5 = **56**
3. 21 + 33 = **54**
4. 12 + 44 = **56**
5. 30 + 30 = **60**
6. 11 + 35 = **46**
7. 41 + 15 = **56**
8. 19 + 42 = **61**
9. 18 + 18 = **36**
10. 10 + 45 = **55**
11. 17 + 17 = **34**
12. 70 + 0 = **70**
13. 12 + 32 = **44**
14. 13 + 48 = **62**

The answers, decoded in order, spell:

Do you love maths?

Enrichment Activity 3.7: Answers

Egyptian numerals 354 look like this:

What would these numbers look like:

121 

322 

Enrichment Activity 3.8: Answers

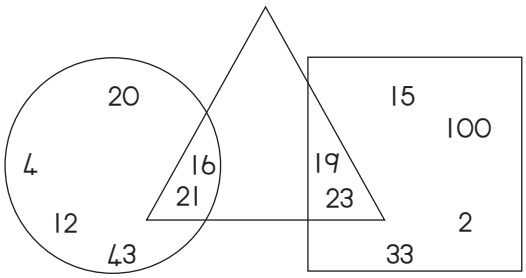
Find the numbers

Find and colour all the pairs of blocks where two numbers that are next to, or underneath one another, will give you 60.

15	60	0	36
3	1	51	23
0	44	16	37
25	35	29	12
17	50	11	19

Enrichment Activity 3.9

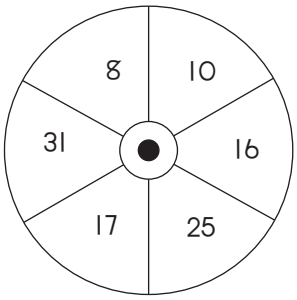
What is my number?



1. This number is in the circle.
   It is half of 24. _____
2. This number is in the square.
   If you double it, it becomes 30. _____
3. This number is in the triangle.
   It is an odd number and is 2 less than 21.
   _____

Enrichment Activity 3.10

Playing darts



1. What is the highest score using 3 darts?
   _____
2. Ben's score is 49. Which three numbers did he get? _____, _____, _____.
3. Sipho's score is 34. Two darts hit the same number. Which number did he get?
   _____

Enrichment Activity 3.11

How many blocks?

A				
B				
C				
D				

How many blocks are there in:

Row A? _____

Row C + D? _____

Half of row B? _____

All the rows together. _____

Enrichment Activity 3.12

Number 24

_____ x 2 = 24

_____ x 3 = 24

_____ x 4 = 24

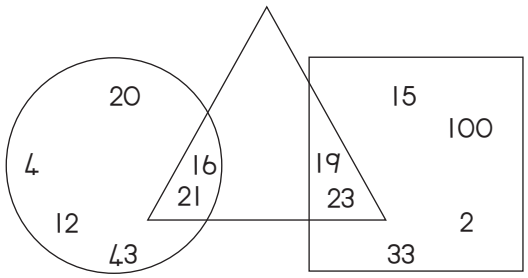
_____ x 6 = 24

_____ x 8 = 24

_____ x 12 = 24

Enrichment Activity 3.9: Answers

What is my number?



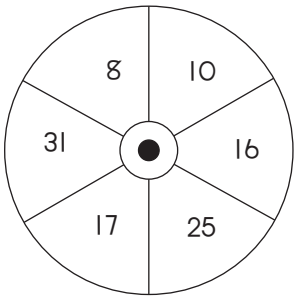
1. This number is in the circle.
   It is half of 24. **12**

2. This number is in the square.
   If you double it, it becomes 30. **15**

3. This number is in the triangle.
   It is an odd number and is 2 less than 21.
   19

Enrichment Activity 3.10: Answers

Playing darts



1. What is the highest score using 3 darts?
   93

2. Ben's score is 49. Which three numbers did he get? **31**, **8**, **10**.

3. Sipho's score is 34. Two darts hit the same number. Which number did he get?
   17

Enrichment Activity 3.11: Answers

How many blocks?

A				
B				
C				
D				

How many blocks are there in:

Row A? **4**

Row C + D? **8**

Half of row B? **2**

All the rows together. **16**

Enrichment Activity 3.12: Answers

Number 24

12 x 2 = 24

8 x 3 = 24

6 x 4 = 24

4 x 6 = 24

3 x 8 = 24

2 x 12 = 24

Enrichment Activity 3.13

Sms your mom

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

___ ___ ___ ___ ___ ___ ___ ___

Enrichment Activity 3.14

What is the message if you type these symbols?

-	:	*	?	2	4	+	9	9	2	3

__ __ __ __ __ __ __ __ __ __ __

*	6	(	2	3	4	9	:	+	+	"

__ __ __ __ __ __ __ __ __ __ __

_____

Enrichment Activity 3.15

Add

Add all the numbers in the first row:

_____

Add all the numbers in the second row:

_____

Add all the numbers in the third row:

_____

Add all three of your answers: _____

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: _____

Add all three of your answers:

_____

Enrichment Activity 3.13: Answers

Sms your mom

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

-	"	+	?	2	)	+	_

Enrichment Activity 3.14: Answers

What is the message if you type these symbols?

-	:	*	?	2	4	+	9	9	2	3
U	h	a	v	e	s	o	c	c	e	r

*	6	(	2	3	4	9	:	+	+	"
a	f	t	e	r	s	c	h	o	o	l

U have soccer after school

Enrichment Activity 3.15: Answers

Add

Add all the numbers in the first row:
6

Add all the numbers in the second row:
15

Add all the numbers in the third row:
24

Add all three of your answers:
45

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**

Add all three of your answers:
45

Enrichment Activity 3.17

Ordinal numbers

In the sentence:
The lion and the mouse went for a picnic.
Which is the twentieth letter? _____

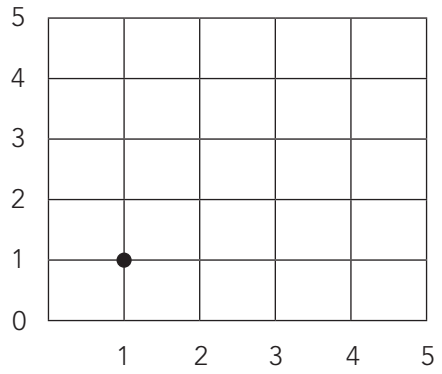
In the sentence:
The lion ate the mouse.
Which is the eighth letter? _____

In the sentence:
What a lovely snack I had, little mouse!
Make a word with the tenth, twenty second, seventh and thirteenth letter.

____ ____ ____ ____

Enrichment Activity 3.18

Connect the dots



Make a dot on 1-1, 3-4, 1-4 and 3-1.
Connect the dots.

What shape do you get?

_____

Enrichment Activity 3.19

What is the number?

3 hundreds
4 tens more than the hundreds
3 less units than tens

_____

2 hundreds
1 ten more than the hundreds
5 units more than the tens

_____

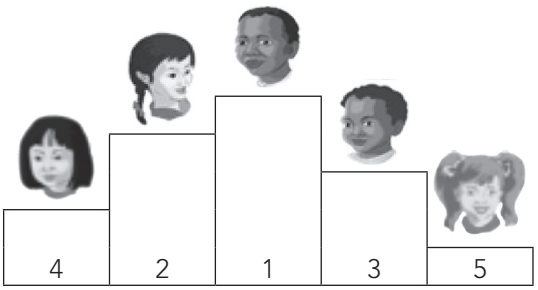
5 hundreds
3 units more than the hundreds
4 tens less than the units

_____

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:
The lion and the mouse went for a picnic.
Which is the twentieth letter? **e**

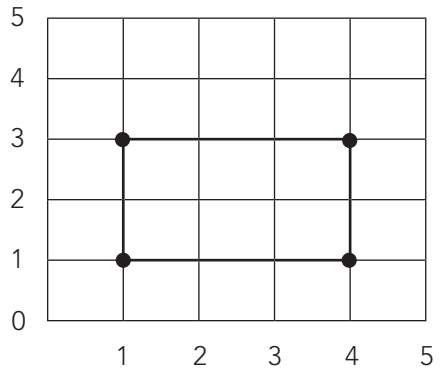
In the sentence:
The lion ate the mouse.
Which is the eighth letter? **e**

In the sentence:
What a lovely snack I had, little mouse!
Make a word with the tenth, twenty second, seventh and thirteenth letter.

l i o n

Enrichment Activity 3.18: Answers

Connect the dots



Make a dot on 1-1, 3-4, 1-4 and 3-1.
Connect the dots.

What shape do you get?

rectangle

Enrichment Activity 3.19: Answers

What is the number?

3 hundreds
4 tens more than the hundreds
3 less units than tens

374

2 hundreds
1 ten more than the hundreds
5 units more than the tens

238

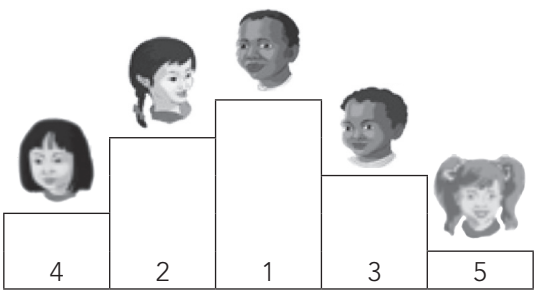
5 hundreds
3 units more than the hundreds
4 tens less than the units

548

Enrichment Activity 3.20: Answers

Where did I come in the race?

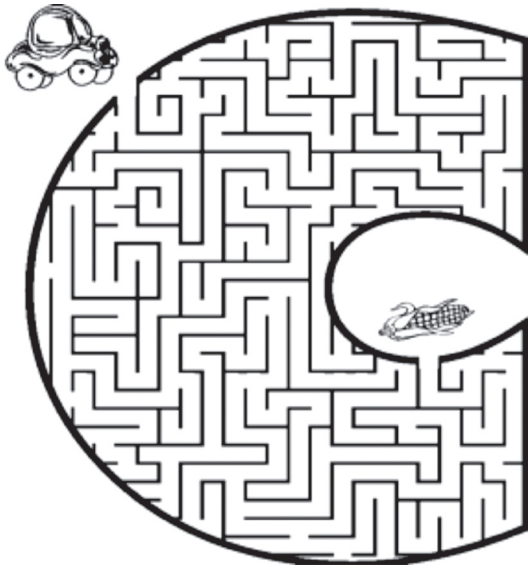
1. Imram came first.
2. Mary came second.
3. John came third.
4. Maryke came fifth.
5. I came **fourth**.



Enrichment Activity 3.21

Find your way

Start at the car and find your way through the maze to get to the mealie. Don't cross over any lines.



Enrichment Activity 3.22

Where is the number name?

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

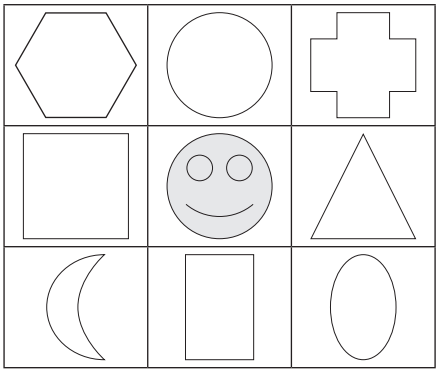
h	x	i	b	h	f	s	b	m	j
t	s	v	d	i	g	c	s	d	k
e	v	i	f	y	t	n	e	w	t
v	b	t	x	i	q	r	j	g	h
l	h	r	a	t	d	b	z	p	r
e	f	r	l	n	y	f	m	a	r
w	p	p	u	z	p	v	k	n	e
t	l	h	e	l	e	v	e	n	o

11 5th 100 1

60 12th 25

Enrichment Activity 3.23

Who are my friends?



Draw the shape:

On my left.

Below me.

Above me.

On my right.

Enrichment Activity 3.24

Find the shape words.

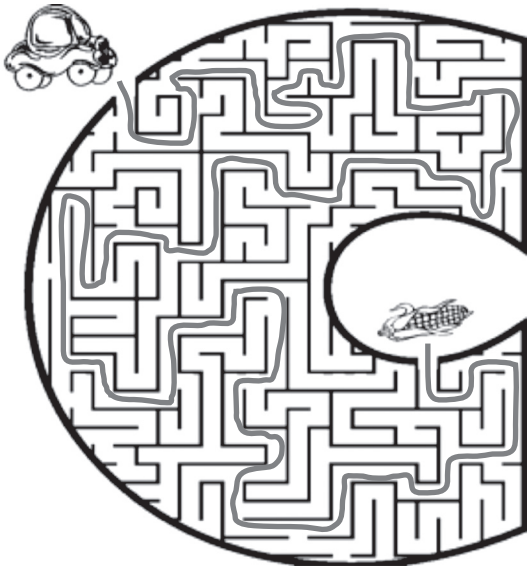
u	k	m	h	v	r	e	v	n	c	r	m	c	d	r
i	h	n	n	w	l	e	l	x	e	u	b	o	i	k
r	v	u	d	c	a	n	d	c	a	z	b	n	m	f
y	w	k	r	o	r	p	t	n	h	q	d	e	a	q
m	u	i	u	k	b	a	h	x	i	h	c	i	r	k
b	c	x	s	d	n	m	b	g	b	l	s	z	y	b
y	f	e	l	g	n	a	i	r	t	w	y	k	p	l
l	j	o	l	z	s	q	u	a	r	e	b	c	g	b
g	y	e	p	e	x	i	r	m	j	x	c	z	b	r
u	f	q	n	u	r	u	m	x	s	b	z	q	d	a

circle, cone, cube, cylinder, pyramid, rectangle, square, triangle

Enrichment Activity 3.21: Answers

Find your way

Start at the car and find your way through the maze to get to the mealie. Don't cross over any lines.



Enrichment Activity 3.22: Answers

Where is the number name?

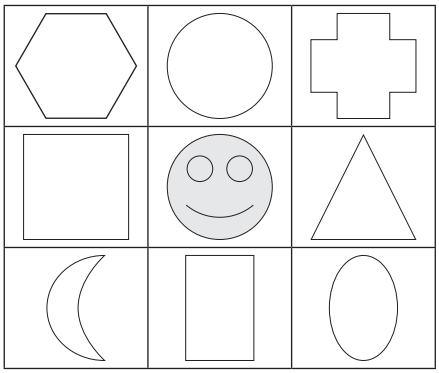
Where is the number name in the letter grid? Colour or circle each word.

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

11	5th	100	1
60	12th	25	

Enrichment Activity 3.23: Answers

Who are my friends?



Draw the shape:

On my left. 

Below me. 

Above me. 

On my right. 

Enrichment Activity 3.24: Answers

Find the shape words.

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

circle, cone, cube, cylinder, pyramid, rectangle, square, triangle

Enrichment Activity 3.25

Complete the Sudoku

Each quarter must have the numbers 1, 2, 3, and 4.

4		1	
1		2	4
	4		1
	1		2

Enrichment Activity 3.26

Money

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

1. 	2. 	3. 	4. 	5. 

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

1. 	2. 	3. 	4. 	5. 

Enrichment Activity 3.27

What can I buy?

The following things are on sale:

T-shirt	R5,00
Cap	R15,00
Socks	R3,00
Shoes	R20,00
Skirt	R10,00
Pants	R10,00

I have R50, 00. What can I buy?

_____

Enrichment Activity 3.28

Complete the Sudoku

1	2		
		2	1
2	4		
		4	2

Enrichment Activity 3.25: Answers

Complete the Sudoku

Each quarter must have the numbers 1, 2, 3, and 4.

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

Enrichment Activity 3.26: Answers

Money

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

1. 	2. 	3. 	4. 	5. 
3	**4**	**1**	**5**	**2**

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

1. 	2. 	3. 	4. 	5. 
3	**2**	**5**	**1**	**4**

Enrichment Activity 3.27: Answers

What can I buy?

The following things are on sale:

T-shirt	R5,00
Cap	R15,00
Socks	R3,00
Shoes	R20,00
Skirt	R10,00
Pants	R10,00

I have R50, 00. What can I buy?

Example:
I can buy a cap, 2 pairs of socks, a t-shirt and a pair of shoes (total R46,00).

Enrichment Activity 3.28: Answers

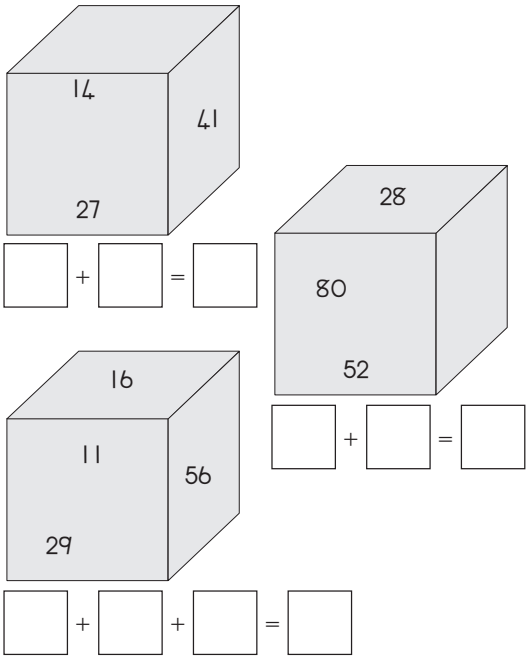
Complete the Sudoku

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

Enrichment Activity 3.29

Jumbled sums

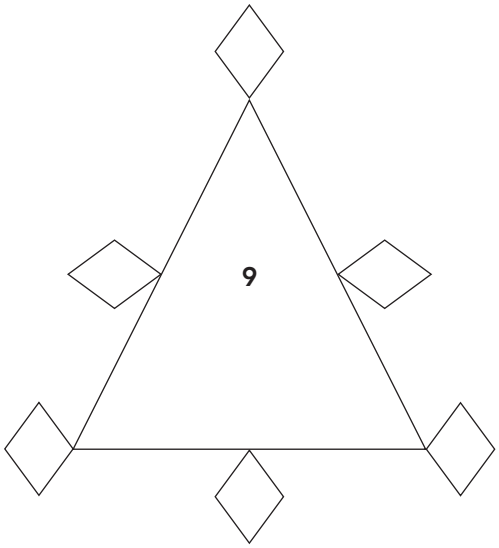
Use the numbers in the boxes to make a sum.



Enrichment Activity 3.30

Six numbers

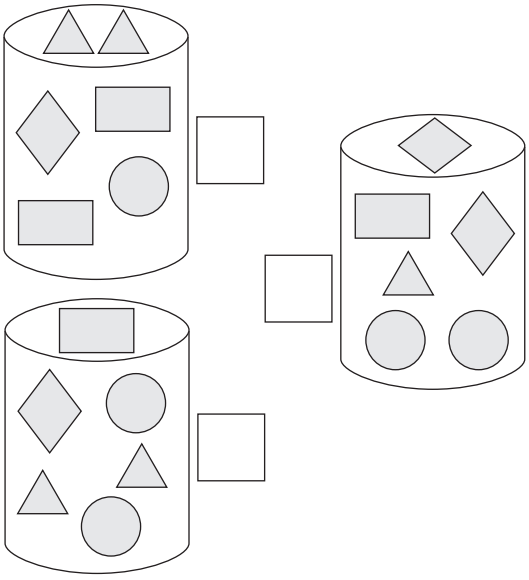
Place the numbers 1–6 in the diamonds so that each side of the triangle adds to the total inside the triangle.



Enrichment Activity 3.31

Value

What is the value of each cylinder if a rectangle is 6, a circle is 8, a triangle is 2 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 block.

37	3	15	2	9	7	8	1

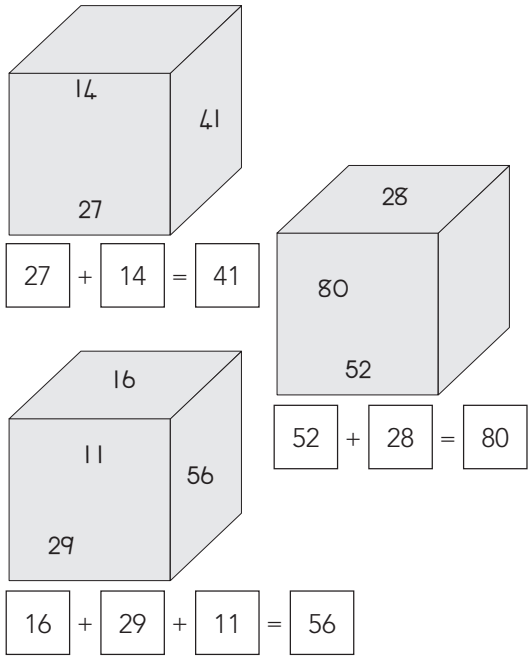
53	18	6	10	14	3	5	2

41	11	9	7	3	10	5	1

Enrichment Activity 3.29: Answers

Jumbled sums

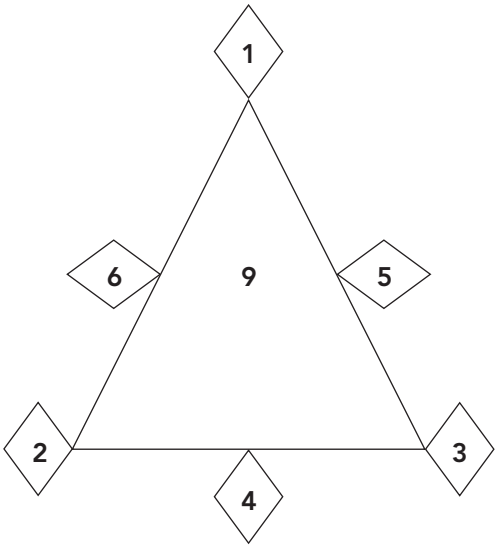
Use the numbers in the boxes to make a sum.



Enrichment Activity 3.30: Answers

Six numbers

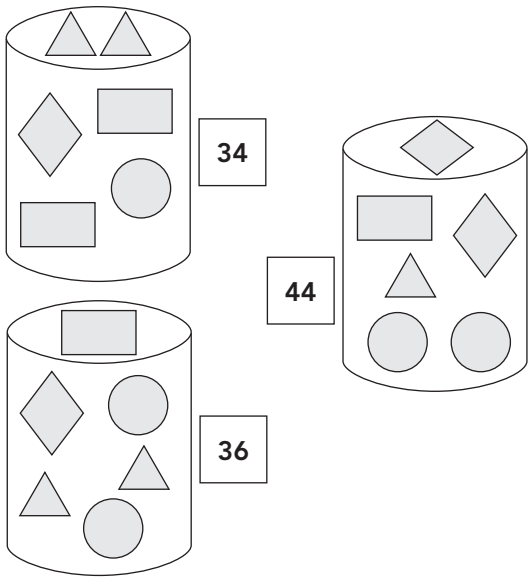
Place the numbers 1–6 in the diamonds so that each side of the triangle adds to the total inside the triangle.



Enrichment Activity 3.31: Answers

Value

What is the value of each cylinder if a rectangle is 6, a circle is 8, a triangle is 2 and a diamond is 10? Write the answer in the box.



Enrichment Activity 3.32: Answers

Colour to show the answer

Colour the numbers that will add up to the first number in the block.

37	3	15	2	9	7	8	1

53	18	6	10	14	3	5	2

41	11	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 Nḓivho 3.1
Ndi nṋe nnyi?

Arali ni tshi inga/na ndovholola nga 5, na dovha na engedza nga 3, ni ḓo wana 28.

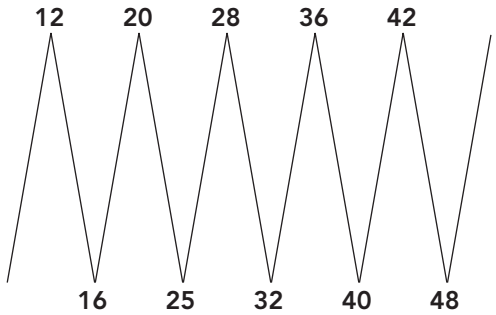
Ni tshi kovhekanya nṋe nga 2, ni ḓo wana 5 na salelwa nga.

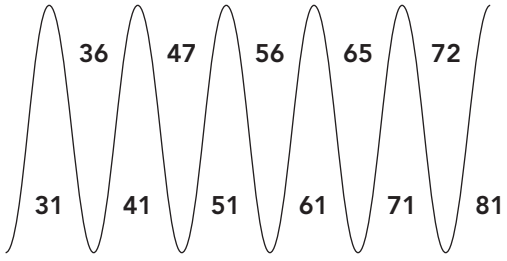
Mushumo wa u Pfumisa Nḓivho 3.2
Ndi nnyi a rena tshelede nnzhi?

- Sara u na heyi tsheledele : 20c mbili, R1 nthihi, na 5c ṯhanu.
- Peter u na heyi tsheledele: 10c dza fumi, 50c mbili,na 20c dza rathi.
- Siphiwe u na heyi tshelede: R1 mbili, na 5c dza rathi.

_____ Ndi ene are na tshelede nnzhi.

Mushumo wa u Pfumisa Nḓivho 3.3
Wanani uri ho khakhea ngafhi





Mushumo wa u Pfumisa Nḓivho 3.4
Wanani nomboro

I ne nga fhasi hayo ha vha iṅwe I ne dza ri dzo ṯangana, dza ni fha 60.

11	49	23	10
12	20	40	50
33	18	15	33
27	60	45	19
30	30	18	41

Mushumo wa u Pfumisa Nḓivho 3.1:
Phindulo
Ndi nṋe nnyi?

Arali ni tshi inga/na ndovhololа nga 5, na dovha na engedza nga 3, ni ḓo wana 28.

5

Ni tshi kovhekanya nṋe nga 2, ni ḓo wana 5 na salelwa nga.

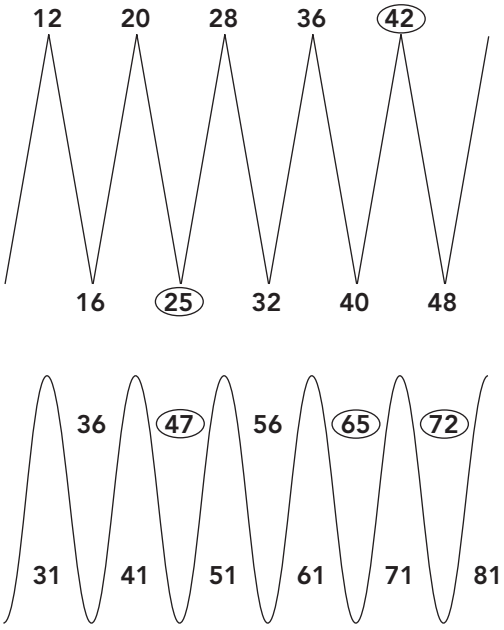
11

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

- Sara u na heyi tsheledele : 20c mbili, R1 nthihi, na 5c ṱhanu.
- Peter u na heyi tsheledele: 10c dza fumi, 50c mbili,na 20c dza rathi.
- Siphiwe u na heyi tshelede: R1 mbili, na 5c dza rathi.

Peter Ndi ene are na tshelede nnzhi.

Mushumo wa u Pfumisa Nḓivho 3.3:
Phindulo
Wanani uri ho khakhea ngafhi

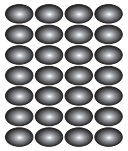


Mushumo wa u Pfumisa Nḓivho 3.4:
Phindulo
Wanani nomboro

I ne nga fhasi hayo ha vha iṅwe I ne dza ri dzo ṱangana, dza ni fha 60..

11	49	23	10
12	20	40	50
33	18	15	33
27	60	45	19
30	30	18	41

Mushumo wa u Pfumisa Nḓivho 3.5
U ṱuṱula vhuluvhi

1	2	3	4
			

Bogisi ḽi 3 ḽina makumba a 28 nga ngomu.

Bogisi ḽa u 1ḽina hafu ya a yo a re nṱha.

Bogisi ḽa vhu 4 ḽo ingwa luvhili nga maṅwe a no lingana na a re kha bogisi ḽa 1.

Bogisi ḽa vha 2 ḽina hafu ya makumba a re kha bogisi. 4.

Huna makumba mangana kha bogisi 1 na bogisi 2 o

_____

Mushumo wa u Pfumisa Nḓivho 3.6
Mulaedza wa tshiphiri

a	d	e	h	l	y	m	o	u	v	s	t
34	35	36	44	46	54	55	56	60	61	62	70

1. 17 + 18 = ___
2. 51 + 5 = ___
3. 21 + 33 = ___
4. 12 + 44 = ___
5. 30 + 30 = ___
6. 11 + 35 = ___
7. 41 + 15 = ___
8. 19 + 42 = ___
9. 18 + 18 = ___
10. 10 + 45 = ___
11. 17 + 17 = ___
12. 70 + 0 = ___
13. 12 + 32 = ___
14. 13 + 48 = ___

Phindulo, dzi dikhodiwe nga nḓila yone, peleṱani:

__ __ __ __ __ __ __ __ __ __ __ __ __ __ ?

Mushumo wa u Pfumisa Nḓivho 3.7
Nomboro dza Maigipita 354 dzo tou rali:

Idzi dzi nga tou ṅwaliswa hani:

121 _____

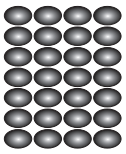
322 _____

Mushumo wa u Pfumisa Nḓivho 3.8
Wanani hedzi nomboro

Wanani ni khaḽare phere dzoṱhe hune nomboro mbili dza vha tsini na tsini, kana iṅwe i nga fhasi ha iṅwe dza i ita 60.

15	60	0	36
3	1	51	23
0	44	16	37
25	35	29	12
17	50	11	19

Mushumo wa u Pfumisa Nḓivho 3.5: Phindulo
U ṱuṱula vhuluvhii

1	2	3	4
14	**14**		**28**

Bogisi ḽi 3 ḽina makumba a 28 nga ngomu.

Bogisi ḽa u 1ḽina hafu ya a yo a re nṱha.

Bogisi ḽa vhu 4 ḽo ingwa luvhili nga maṅwe a no lingana na a re kha bogisi ḽa 1.

Bogisi ḽa vha 2 ḽina hafu ya makumba a re kha bogisi. 4.

Huna makumba mangana kha bogisi 1 na bogisi 2 o

28

Mushumo wa u Pfumisa Nḓivho 3.6: Phindulo
Mulaedza wa tshiphiri

a	d	e	h	l	y	m	o	u	v	s	t
34	35	36	44	46	54	55	56	60	61	62	70

1. 17 + 18 = **35**
2. 51 + 5 = **56**
3. 21 + 33 = **54**
4. 12 + 44 = **56**
5. 30 + 30 = **60**
6. 11 + 35 = **46**
7. 41 + 15 = **56**
8. 19 + 42 = **61**
9. 18 + 18 = **36**
10. 10 + 45 = **55**
11. 17 + 17 = **34**
12. 70 + 0 = **70**
13. 12 + 32 = **44**
14. 13 + 48 = **62**

Phindulo, dzi dikhodiwe nga nḓila yone, peleṱani:

Do you love maths?

Mushumo wa u Pfumisa Nḓivho 3.7: Phindulo
Nomboro dza Maigipita 354 dzo tou rali:

Idzi dzi nga tou ṅwaliswa hani:

121 

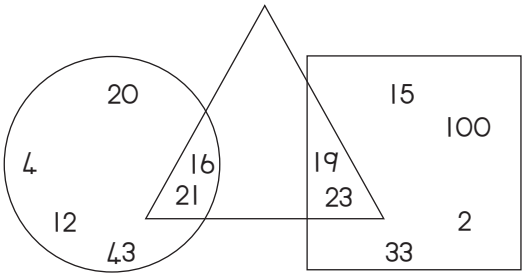
322 

Mushumo wa u Pfumisa Nḓivho 3.8: Phindulo
Wanani hedzi nomboro

Wanani ni khaḽare phere dzoṱhe hune nomboro mbili dza vha tsini na tsini, kana iṅwe i nga fhasi ha iṅwe dza i ita 60.

15	60	0	36
3	1	51	23
0	44	16	37
25	35	29	12
17	50	11	19

Mushumo wa u Pfumisa Nḓivho 3.9
Ndi I fhio nomboro yanga?

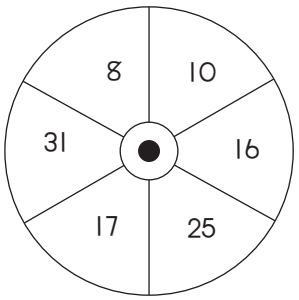


1. Heyi nomboro I kha tshitendeledzi number. Ndi hafu ya 24_____

2. Heyi nomboro. Ni tshi i engedza kavhili, I vha 30. _____

3. Heyi nomboro i kha ṱhiraengele. Ndi nomboro ya vhukati(odd number)I fhasi nga 2 kha 21. _____

Mushumo wa u Pfumisa Nḓivho 3.10
U tamba dzidatha



1. Arali hu tshi khou shumiswa dzi dotho dza3 tshikoro tsha nṱhesa tshi ḓo vha tshifhio? _____

2. Tshikoro tsha Ben ndi 49. Ndi dzi fhio nomboro tharu dze a dzi wana?
_____,_____,_____

3. Tshikoro tsha Sipho ndi 34. Data mbili dzo rwa kha nomboron nthihi. O wana nomboro i fhio?_____

Mushumo wa u Pfumisa Nḓivho 3.11
Hu na buḽoko nngana?

A				
B				
C				
D				

Huna buḽoko nngana kha :

Mutevhe A? _____

Mutevhe C + D? _____

Hafu ya mutevhe B? _____

Mitevhe yoṱhe yo ṱangana. _____

Mushumo wa u Pfumisa Nḓivho 3.12
Nomboro 24

_____ x 2 = 24

_____ x 3 = 24

_____ x 4 = 24

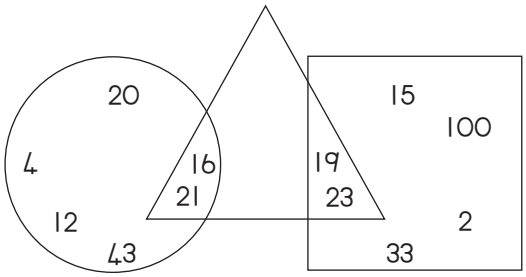
_____ x 6 = 24

_____ x 8 = 24

_____ x 12 = 24

Mushumo wa u Pfumisa Nḓivho 3.9: Phindulo

Ndi I fhio nomboro yanga?



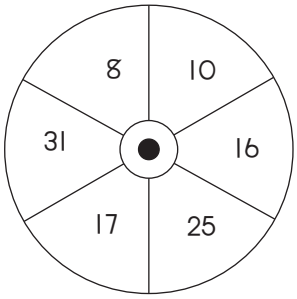
1. Heyi nomboro I kha tshitendeledzi number. Ndi hafu ya 24 **12**

2. Heyi nomboro. Ni tshi i engedza kavhili, I vha 30. **15**

3. Heyi nomboro i kha ṱhiraengele. Ndi nomboro ya vhukati(odd number)I fhasi nga 2 kha 21. **19**

Mushumo wa u Pfumisa Nḓivho 3.10: Phindulo

U tamba dzidatha



1. Arali hu tshi khou shumiswa dzi dotho dza3 tshikoro tsha nṱhesa tshi ḓo vha tshifhio? **3**

2. Tshikoro tsha Ben ndi 49. Ndi dzi fhio nomboro tharu dze a dzi wana? **31, 8, 10**

3. Tshikoro tsha Sipho ndi 34. Data mbili dzo rwa kha nomboron nthihi. O wana nomboro i fhio? **Ndi ifhio**

Mushumo wa u Pfumisa Nḓivho 3.11: Phindulo

Hu na buḽoko nngana?

A				
B				
C				
D				

Huna buḽoko nngana kha :

Mutevhe A? **4**

Mutevhe C + D? **8**

Hafu ya mutevhe B? **2**

Mitevhe yoṱhe yo ṱangana. **16**

Mushumo wa u Pfumisa Nḓivho 3.12: Phindulo

Nomboro 24

12 x 2 = 24

8 x 3 = 24

6 x 4 = 24

4 x 6 = 24

3 x 8 = 24

2 x 12 = 24

Mushumo wa u Pfumisa Nḓivho 3.13
Ndi I fhio nomboro yanga

Ndi dzi fhio tshwawo dzine na ḓo dzi vhona musi ni tshi rumela mme aṉu mulaedza u no ri: **I love you.**

____ ____ ____ ____ ____ ____ ____ ____

Mushumo wa u Pfumisa Nḓivho 3.14
Mulaedza u ḓo ri mini arali no thaipha tshwao dzi tevhelaho?

-	:	*	?	2	4	+	9	9	2	3

__ __ __ __ __ __ __ __ __ __ __

*	6	(	2	3	4	9	:	+	+	"

__ __ __ __ __ __ __ __ __ __ __

_____

Mushumo wa u Pfumisa Nḓivho 3.15
Ṱanganyisani

Ṱanganyisani nomboro dzi re kha muduba wa thoma:_____

Ṱanganyisani nomboro dzi re kha muduba wa vhuvhili:_____

Ṱanganyisani nomboro dzi re kha muduba wa vhuraru:_____

Ṱanganyisani nomboro dzoṱhe dzi tharu:
_____

Mushumo wa u Pfumisa Nḓivho 3.16
U tanganyisa dzin`we nomboro

Ṱanganyisani nomboro dzi re kha khoḽomo dzi no thoma nga 1: _____

Ṱanganyisani nomboro dzi re kha khoḽomo dzi no thoma nga 2: _____

Ṱanganyisani nomboro dzi re kha khoḽomo dzi no thoma nga 3: _____

Ṱanganyisani phindulo dzoṱhe:
_____

Mushumo wa u Pfumisa Nḓivho 3.13: Phindulo

Ndi I fhio nomboro yanga

Ndi dzi fhio tshwawo dzine na ḓo dzi vhona musi ni tshi rumela mme aṋu mulaedza u no ri: **I love you.**

-	"	+	?	2	)	+	_

Mushumo wa u Pfumisa Nḓivho 3.14: Phindulo

Mulaedza u ḓo ri mini arali no thaipha tshwao dzi tevhelaho?

-	:	*	?	2	4	+	9	9	2	3
U	h	a	v	e	s	o	c	c	e	r
*	6	(	2	3	4	9	:	+	+	"
a	f	t	e	r	s	c	h	o	o	l

U have soccer after school

Mushumo wa u Pfumisa Nḓivho 3.15: Phindulo

Ṱanganyisani

Ṱanganyisani nomboro dzi re kha muduba wa thoma: **6**

Ṱanganyisani nomboro dzi re kha muduba wa vhuvhili: **15**

Ṱanganyisani nomboro dzi re kha muduba wa vhuraru: **24**

Ṱanganyisani nomboro dzoṱhe dzi tharu: **45**

Mushumo wa u Pfumisa Nḓivho 3.16: Phindulo

U tanganyisa dzin`we nomboro

Ṱanganyisani nomboro dzi re kha khoḽomo dzi no thoma nga 1: **12**

Ṱanganyisani nomboro dzi re kha khoḽomo dzi no thoma nga 2: **15**

Ṱanganyisani nomboro dzi re kha khoḽomo dzi no thoma nga 3: **18**

Ṱanganyisani phindulo dzoṱhe: **45**

Mushumo wa u Pfumisa Nḓivho 3.17
Nomboro dza u tevhekana hadzo(Ordinal)

Kha mutaladzi wa fhungo:
Ndau na mbevha vho ya pikinikini.
Ndi ḽi fhio ḽeḓere ḽa vhu fumbili? _____

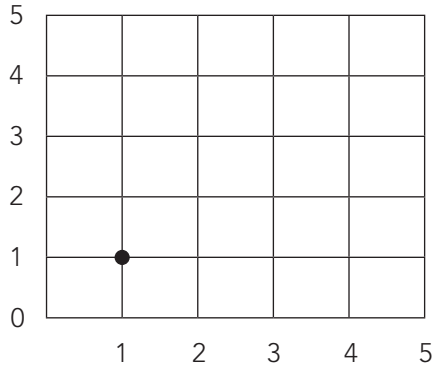
Kha mutaladzi wa fhungo:
Ndau ya ḽa mbevha.
Ndi ḽi fhio ḽeḓere ḽa vhu fumalo? _____

Ndo ḓi phina nga tshineke(snacks), ku bevhana!

Itani ipfi nga ḽeḓere ḽa vhufumi, ḽa vhu fumbili-mbili,ḽa vhusumbe na ḽa vhuraru.

____ ____ ____ ____

Mushumo wa u Pfumisa Nḓivho 3.18
Ṱumani dzi dotho



Kha mutaladzi wa fhungo

furaruDotho nga 1-1, 3-4, 1-4 na 3-1. Tumekanyani dzi dotho Ndi tshivhumbeo tshifhio tsho wanalaho?

_____

Mushumo wa u Pfumisa Nḓivho 3.19
Ndi i fhio nomboro?

Maḓana a 3
Mahumi 4 a re nṱha ha maḓana
Yunithi dza 3 dzi re fhasi ha mahumi

_____

Maḓana a 2
Ḽihumi ḽa1 ḽi no fhira maḓana

_____

Maḓana a 5
yunithi dza 3 dzi re nṱha ha mahumi
fumi dza 4 dzi re fhasi ha dzi yunithi

_____

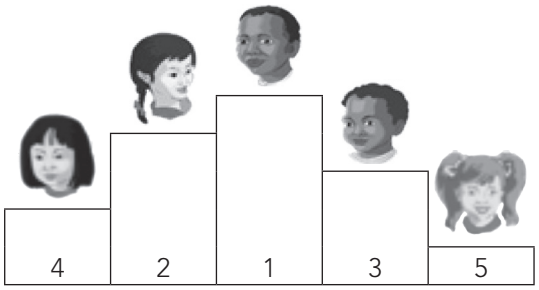
Mushumo wa u Pfumisa Nḓivho 3.20
Ndo wana vhuimo vhu fhio kha iyi mbambe ya u gidima?

1. Imram 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 _____.



Mushumo wa u Pfumisa Nḓivho 3.17:
Phindulo
Nomboro dza u tevhekana hadzo(Ordinal)

Kha mutaladzi wa fhungo:
Ndau na mbevha vho ya pikinikini.
Ndi ḽi fhio ḽeḓere ḽa vhu fumbili? **a**

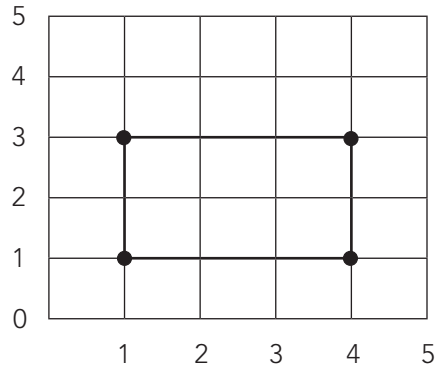
Kha mutaladzi wa fhungo:
Ndau ya ḽa mbevha.
Ndi ḽi fhio ḽeḓere ḽa vhu fumalo? **a**

Ndo ḓi phina nga tshineke(snacks), ku bevhana!

Itani ipfi nga ḽeḓere ḽa vhufumi, ḽa vhu fumbili-mbili,ḽa vhusumbe na ḽa vhuraru.

HUAA!

Mushumo wa u Pfumisa Nḓivho 3.18:
Phindulo
Ṱumani dzi dotho



Kha mutaladzi wa fhungo

FuraruDotho nga 1-1, 3-4, 1-4 na 3-1.
Tumekanyani dzi dotho Ndi tshivhumbeo tshifhio tsho wanalaho?

rekhithengele

Mushumo wa u Pfumisa Nḓivho 3.19:
Phindulo
Ndi i fhio nomboro?

Makgolo a le 3
Masome a le 4 go feta makgolo
metso e le 3 kwa tlase ga masome
374

Makgolo a le 2
Lesome le le 1 go feta makgolo
Metso e le 5 go feta masome
238

Makgolo a le 5
Metso e le 3 go feta makgolo
Masome a le 4 kwa tlase ka metso
548

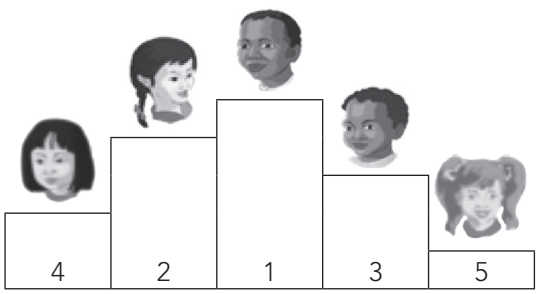
Mushumo wa u Pfumisa Nḓivho 3.20:
Phindulo
Ndo wana vhuimo vhu fhio kha iyi mbambe ya u gidima?

1. Imram o wana vhuimo ha u thoma.

2. Mary o wana vhuimo ha vhuvhili.

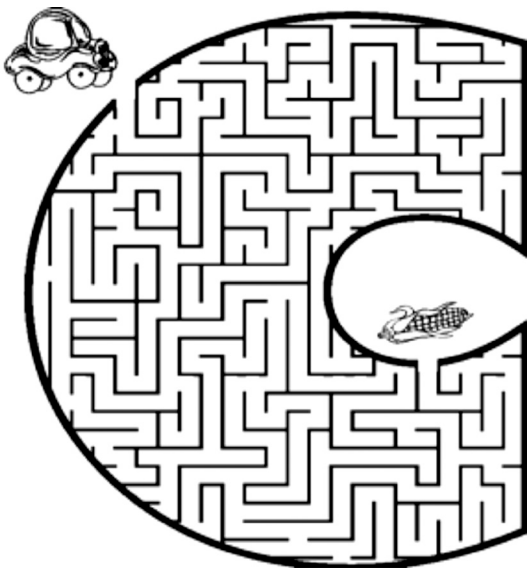
3. John o wana vhuimo ha vhuraru.

4. Maryke o wana vhuimo ha vhuṱanu **vhuṋa**.



Mushumo wa u Pfumisa Nḓivho 3.21
Wanani nḓila

Dzhenani goloi ni wane nḓila ya u ya tshikolini ni tshi khou bva nga mavheleni. Ni songo pfukha nṱha ha mitalo.



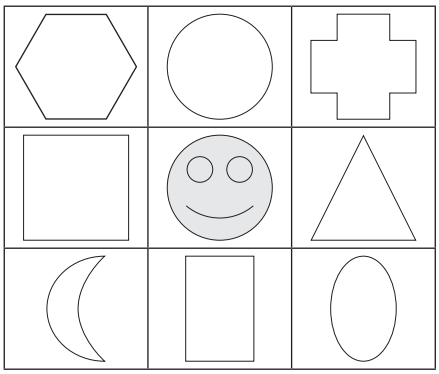
Mushumo wa u Pfumisa Nḓivho 3.22
Ḽi gai dzina ḽa nomboro?

Wanani dzina la nomboro kha giridi. Tingeledzani kana u khalara dzina la nomboro.

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

11 5th 100 1
60 12th 25

Mushumo wa u Pfumisa Nḓivho 3.23
Khonani dzanga dzi ngafhi?



Olani tshivhumbeo:

Kha tshanḓa tsha monde.

Nga fhasi hanga.

Nga nṱha hanga.

Kha tshanḓa tsha u ḽa.

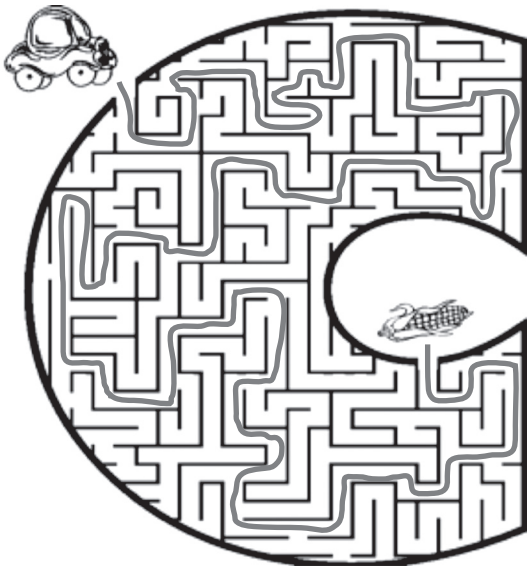
Mushumo wa u Pfumisa Nḓivho 3.24
Wanani madzina a zwivhumbeo.

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

circle, cone, cube, cylinder, pyramid, rectangle, square, triangle

Mushumo wa u Pfumisa Nḓivho 3.21:
Phindulo
Wanani nḓila

Dzhenani goloi ni wane nḓila ya u ya tshikolini ni tshi khou bva nga mavheleni. Ni songo pfukha nṱha ha mitalo.



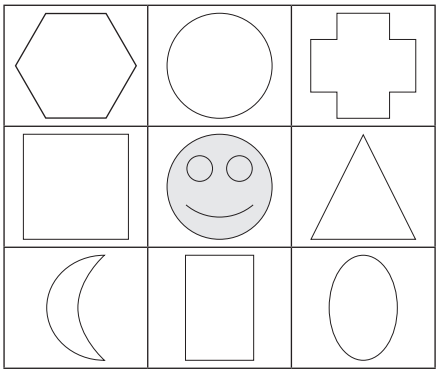
Mushumo wa u Pfumisa Nḓivho 3.22:
Phindulo
Ḽi gai dzina ḽa nomboro?

Wanani dzina la nomboro kha giridi. Tingeledzani kana u khalara dzina la nomboro.

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

11 5th 100 1
60 12th 25

Mushumo wa u Pfumisa Nḓivho 3.23:
Phindulo
Khonani dzanga dzi ngafhi?



Olani tshivhumbeo:

Kha tshanḓa tsha monde.

Nga fhasi hanga.

Nga nṱha hanga.

Kha tshanḓa tsha u ḽa.

Mushumo wa u Pfumisa Nḓivho 3.24:
Phindulo
Wanani madzina a zwivhumbeo.

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

circle, cone, cube, cylinder, pyramid, rectangle, square, triangle

Mushumo wa u Pfumisa Nḓivho 3.25
Fhedzisani soduku

Kota iṅwe na iṅwe i tea u vha na hedzi nomboro 1, 2, 3, na 4.

4		1	
1		2	4
	4		1
	1		2

Mushumo wa u Pfumisa Nḓivho 3.26
Tshelede

Odani tsheledze ya dzi khoini u bva kha ine ya vha khulwane u swika kha ine ya vha ṱhukhusa. Ńwalani nomboro fhedzi

1. 	2. 	3. 	4. 	5. 

Odani tshelede ni thome kha ṱhukhusa u isa kha khulwanesa . Ńwalani nomboro fhedzi.

1. 	2. 	3. 	4. 	5. 

Mushumo wa u Pfumisa Nḓivho 3.27
Yini engingayithenga

Zwino tevhela zwi kha seili:

Tshikhipa R5,00

Gebisi R15,00

Maswogisi R3,00

Zwienda R20,00

Tshikete R10,00

Vhurukhu R10,00

Ndi na R50, 00. Ndi nga renga mini?

_____

Mushumo wa u Pfumisa Nḓivho 3.28
Ḓadzisani Sudoku

1	2		
		2	1
2	4		
		4	2

Mushumo wa u Pfumisa Nḓivho 3.25:
Phindulo
Fhedzisani soduku

Kota iṅwe na iṅwe i tea u vha na hedzi nomboro 1, 2, 3, na 4.

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

Mushumo wa u Pfumisa Nḓivho 3.26:
Phindulo
Tshelede

Odani tsheledze ya dzi khoini u bva kha ine ya vha khulwane u swika kha ine ya vha ṱhukhusa. Ńwalani nomboro fhedzi.

1. 	2. 	3. 	4. 	5. 
3	**4**	**1**	**5**	**2**

Odani tshelede ni thome kha ṱhukhusa u isa kha khulwanesa . Ńwalani nomboro fhedzi.

1. 	2. 	3. 	4. 	5. 
3	**2**	**5**	**1**	**4**

Mushumo wa u Pfumisa Nḓivho 3.27:
Phindulo
Yini engingayithenga

Zwino tevhela zwi kha seili:

Tshikhipa R5,00

Gebisi R15,00

Maswogisi R3,00

Zwienda R20,00

Tshikete R10,00

Vhurukhu R10,00

Ndi na R50, 00. Ndi nga renga mini?

Tsumbo:

Ndi nga renga gebisi, phere dza 2 dza maswogisi, tshikhipa na zwienda (guṱe R46,00).

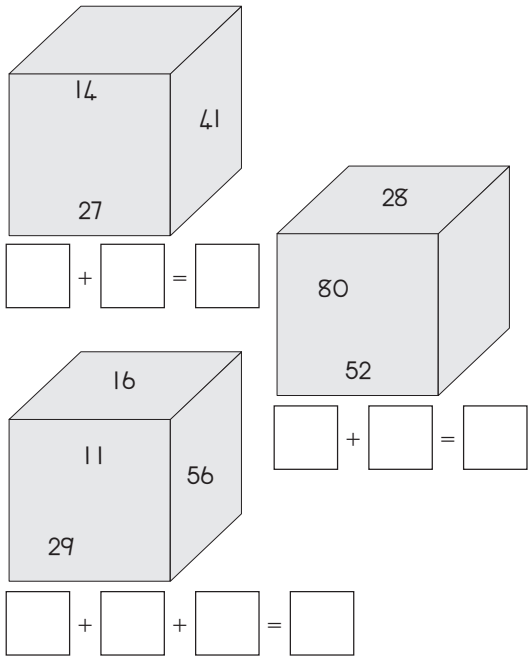
Mushumo wa u Pfumisa Nḓivho 3.28:
Phindulo
Ḍadzisani Sudoku

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

Mushumo wa u Pfumisa Nḓivho 3.29

Mbalo dzo talanganaho

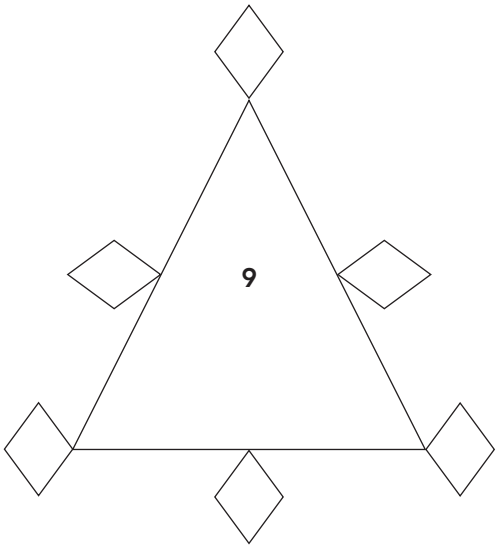
Shumisani nomboro dzi re kha mabogisi u ita mbalo.



Mushumo wa u Pfumisa Nḓivho 3.30

Nomboro dza rathi

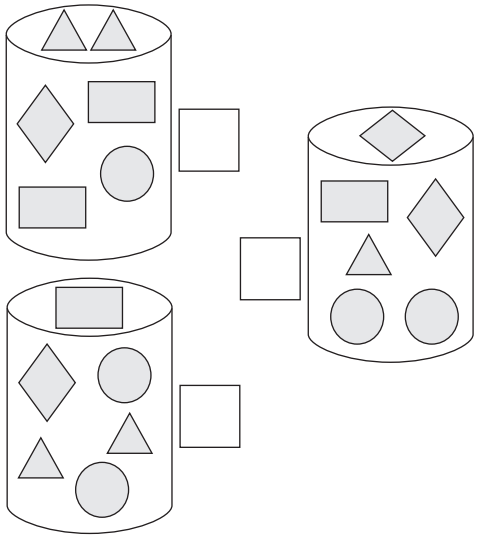
Fheani nomboro 1–6 kha dzi daimondo uri thunga dza ṱhiraingeḽe dzo ṱangana dzi ita guṱe nga ngomu ha ṱhiraengela.



Mushumo wa u Pfumisa Nḓivho 3.31

Vhuleme

Vhuleme ha siḽinda iṅwe na iṅwe I re afha hu ḓo vha vhungafhani arali ha rekithengele vhu 4, ha tshitendeledzi vhu 3, ha ṱhiraengele vhu 1 ha daimani vhu 10? Ńwalani phindulo kha bogisi.



Mushumo wa u Pfumisa Nḓivho 3.32

Khaḽarani u sumbedza phindulo

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

37	3	15	2	9	7	8	1

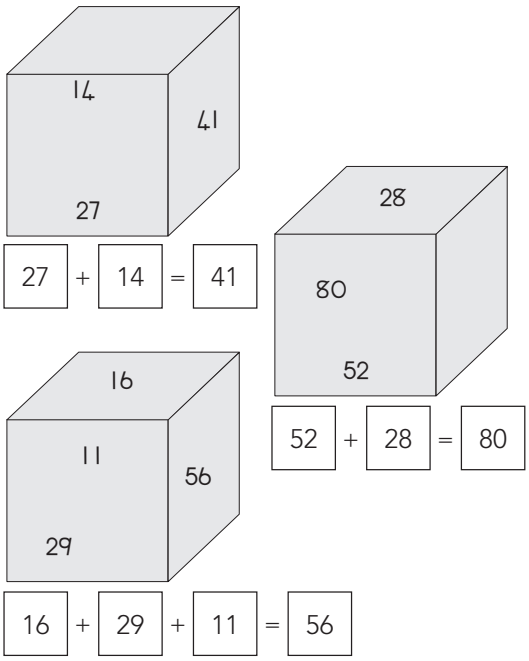
53	18	6	10	14	3	5	2

41	11	9	7	3	10	5	1

Mushumo wa u Pfumisa Nḓivho 3.29: Phindulo

Mbalo dzo talanganaho

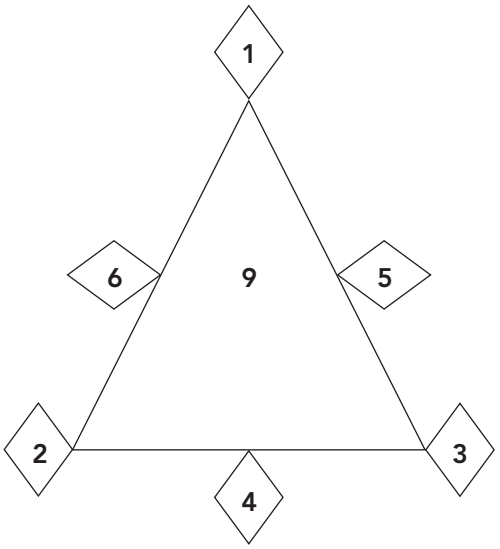
Shumisani nomboro dzi re kha mabogisi u ita mbalo.



Mushumo wa u Pfumisa Nḓivho 3.30: Phindulo

Nomboro dza rathi

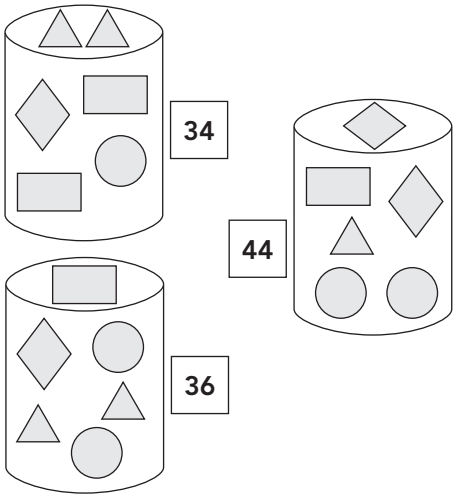
Fheani nomboro 1–6 kha dzi daimondo uri thunga dza ṱhiraingeḽe dzo ṱangana dzi ita guṱe nga ngomu ha ṱhiraengela.



Mushumo wa u Pfumisa Nḓivho 3.31: Phindulo

Vhuleme

Vhuleme ha siḽinda iṅwe na iṅwe I re afha hu ḓo vha vhungafhani arali ha rekithengele vhu 4, ha tshitendeledzi vhu 3, ha ṱhiraengele vhu 1 ha daimani vhu 10? Ńwalani phindulo kha bogisi.



Mushumo wa u Pfumisa Nḓivho 3.32: Phindulo

Khaḽarani u sumbedza phindulo

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

37	3	15	2	9	7	8	1
53	18	6	10	14	3	5	2
41	11	9	7	3	10	5	1