

GRADE 2

TERM 3 2018

MATHEMATICS

ENGLISH /

SETSWANA

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. Fraction circles (Lesson 28)
5. Fraction strips (Lesson 31)
6. Analogue clock faces (Lessons 32 and 33)
7. Views (Lesson 38)

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. Template for pictograph (Lesson 19)

2. 1–200 number board (Lessons 22, 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	100
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

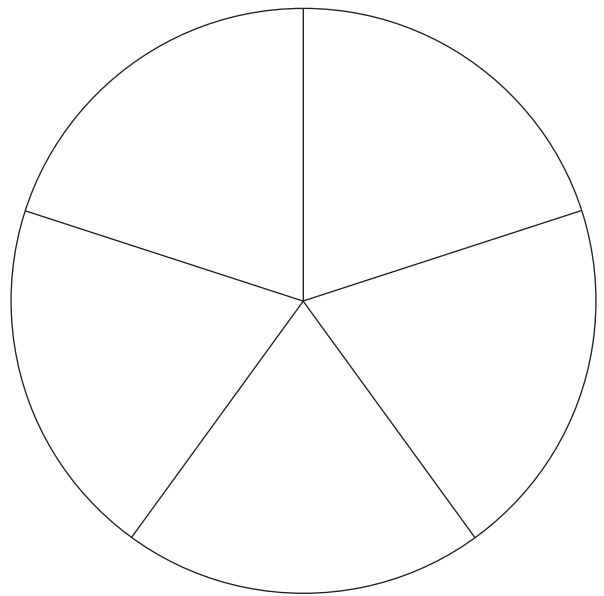
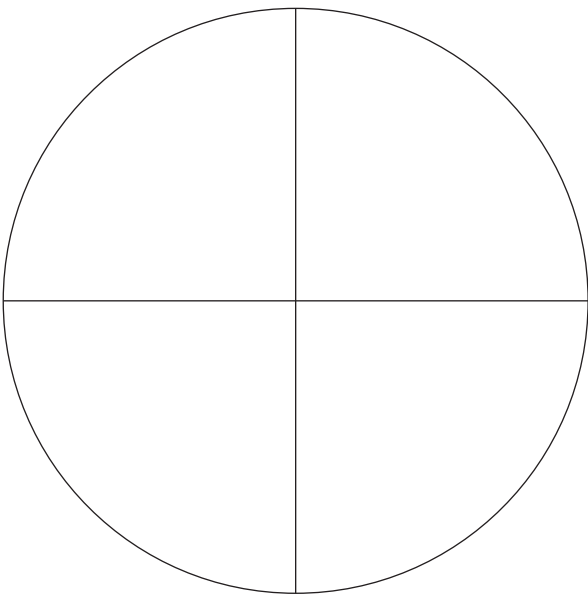
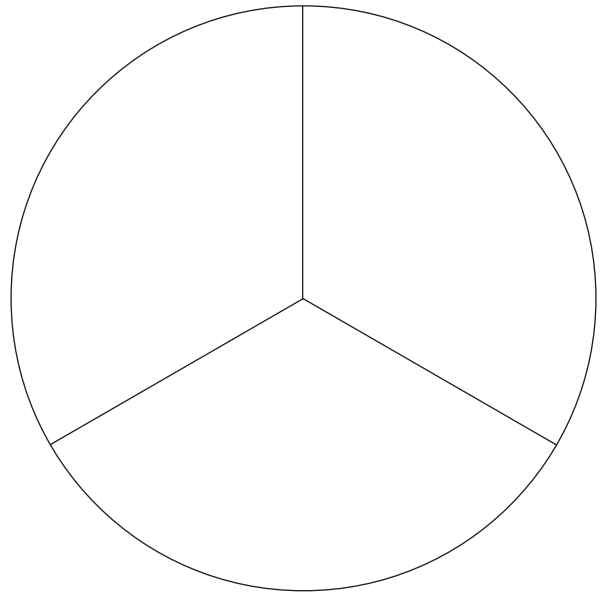
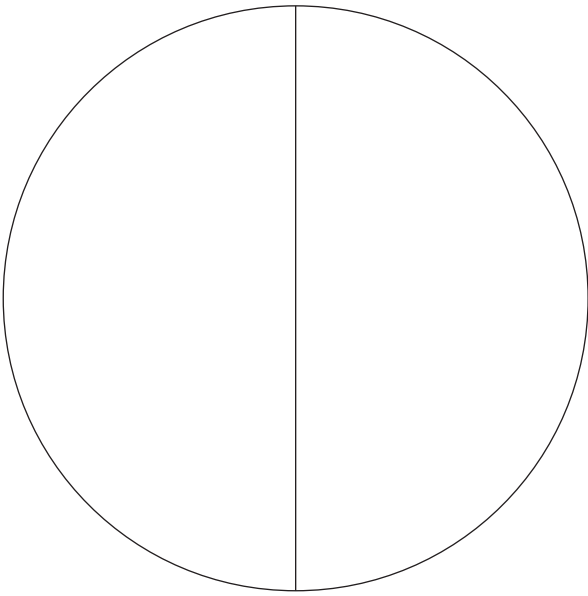
3. Fraction wall (Lesson 28)

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. Lebota la dipalophatlo (Thuto 28)

Botlalo bo le bongwe				
Halofa e le nngwe		Halofa e le nngwe		
Boraro bo le bongwe	Boraro bo le bongwe		Boraro bo le bongwe	
Kwatara e le nngwe	Kwatara e le nngwe	Kwatara e le nngwe	Kwatara e le nngwe	
Botlhano bo le bongwe	Botlhano bo le bongwe	Botlhano bo le bongwe	Botlhano bo le bongwe	Botlhano bo le bongwe

4. Fraction circles (Lessons 28, 31)



5. Fraction strips (Lessons 28, 31)

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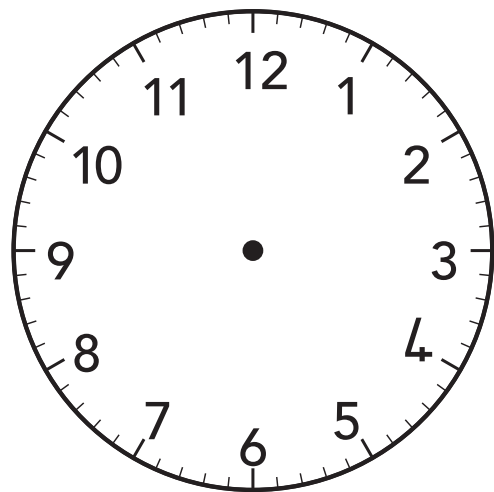
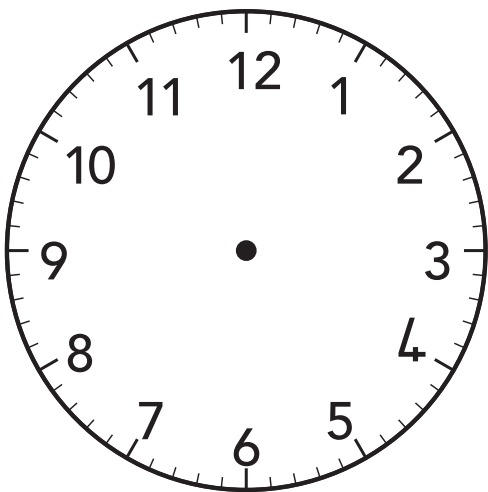
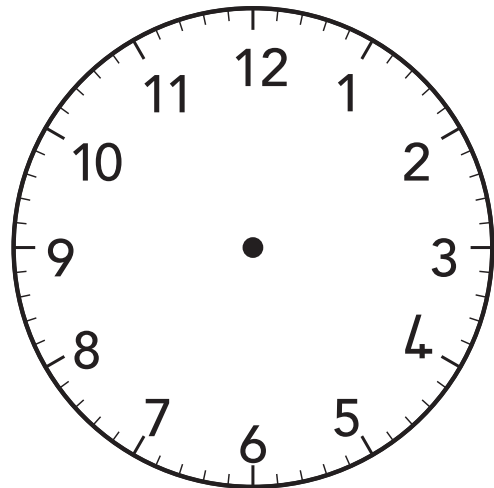
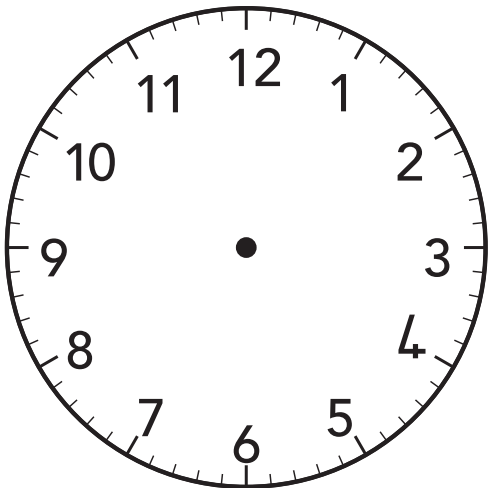
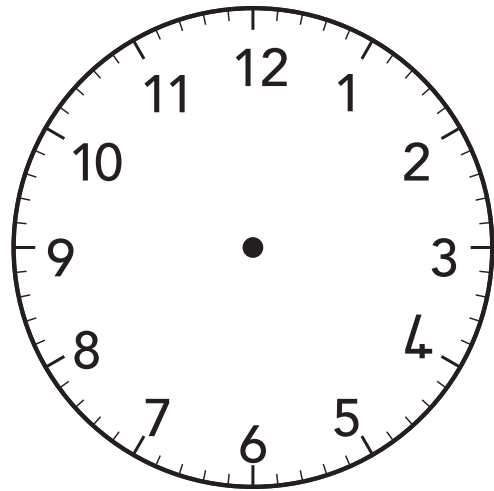
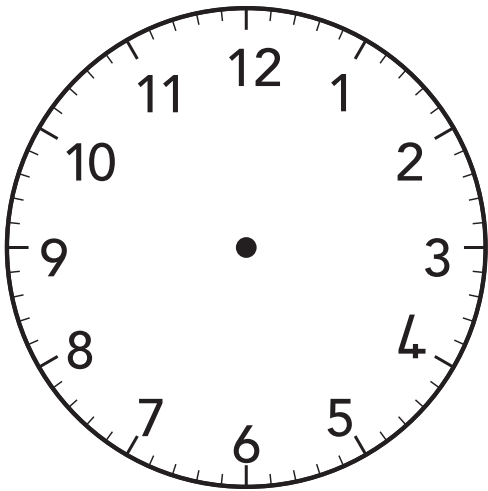
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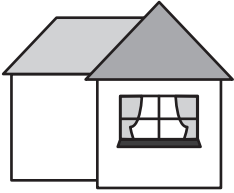
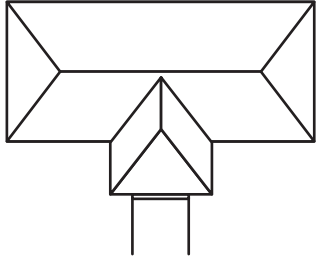
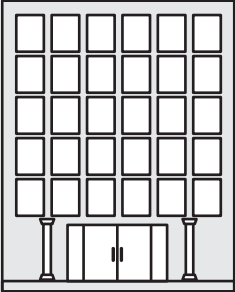
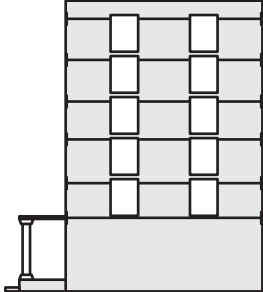
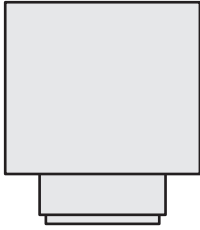



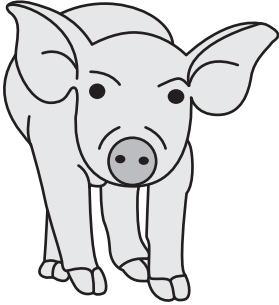
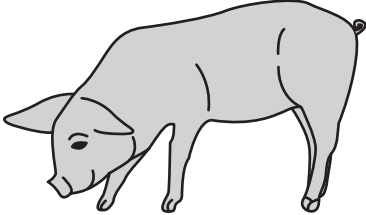
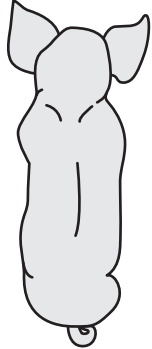
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6. Analogue clock faces (Lessons 32 and 33)



7. Views (Lessons 38)

Mental Mathematics Challenge Cards: Bilingual Version - English / Setswana

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

Tirwana ya Dipalo Karata 1

Go tlhakanya dipalo tse di magareng ga 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

Tirwana ya Dipalo Karata 2

Go ntsha dipalo tse di magareng ga 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?

Tirwana ya Dipalo Karata 3

2 e feta dipalo tse jang?

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?

Tirwana ya Dipalo Karata 4

10 e nnye jang mo dipalong tse?

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

Tirwana ya Dipalo Karata 1: Dikarabo

Go tlhakanya dipalo tse di magareng ga 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

Tirwana ya Dipalo Karata 2: Dikarabo

Go ntsha dipalo tse di magareng ga 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?

Tirwana ya Dipalo Karata 3: Dikarabo

2 e feta dipalo tse jang?

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?

Tirwana ya Dipalo Karata 4: Dikarabo

10 e nnye jang mo dipalong tse?

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?

Tirwana ya Dipalo Karata 5

5 e feta dipalo tse jang?

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?

Tirwana ya Dipalo Karata 6

4 e nnye jang mo dipalong tse?

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?

Tirwana ya Dipalo Karata 7

3 e feta dipalo tse jang?

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?

Tirwana ya Dipalo Karata 8

E nnye ke efe?

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?

Tirwana ya Dipalo Karata 5: Dikarabo

5 e feta dipalo tse jang?

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?

Tirwana ya Dipalo Karata 6: Dikarabo

4 e nnye jang mo dipalong tse?

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?

Tirwana ya Dipalo Karata 7: Dikarabo

3 e feta dipalo tse jang?

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?

Tirwana ya Dipalo Karata 8: Dikarabo

E nnye ke efe?

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?

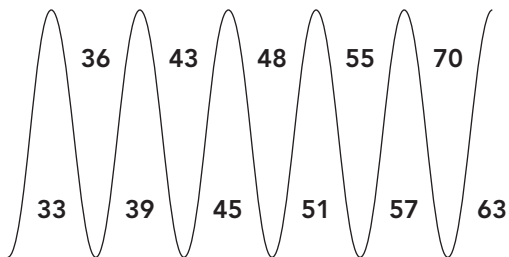
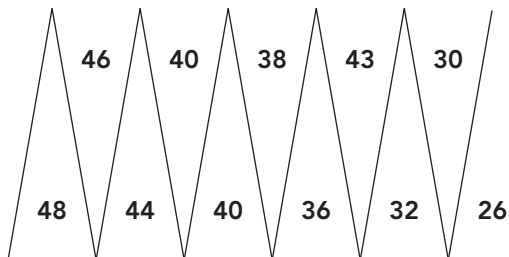
- Busi has: two 10c coins, three 50c coins and one R2 coin.
- Pete has: two R1 coins, six 5c coins and two 20c coins.
- Nicole has: seven 10c coins, five 20c coins and eight 5c coins.

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.

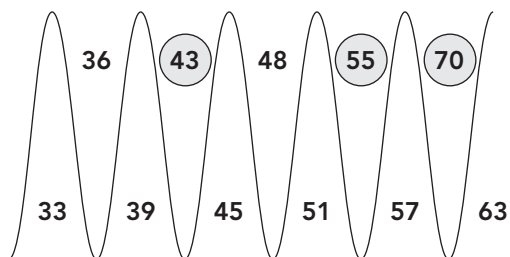
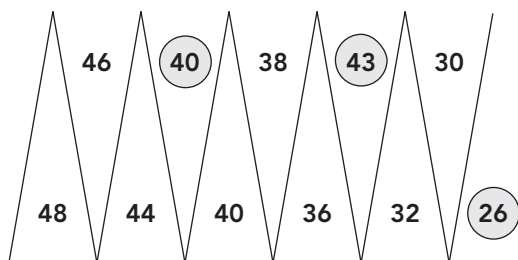
Who has the most money?

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

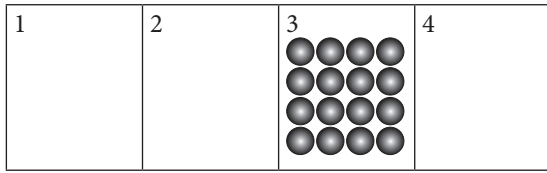
Find the numbers

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

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. $23 + 23 = \underline{\quad}$

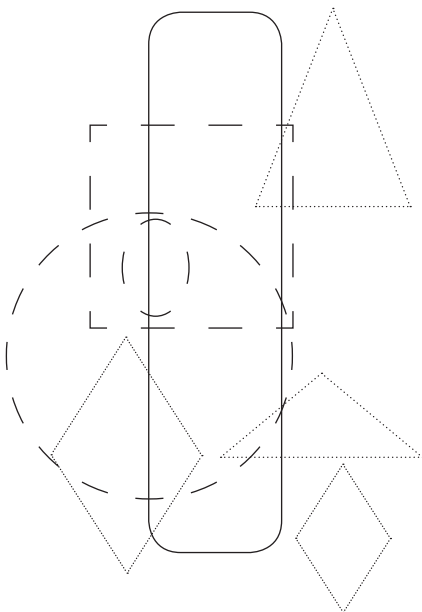
Enrichment Activity 3.7

Shapes

triangles – blue

squares – red

circles – yellow



Enrichment Activity 3.8

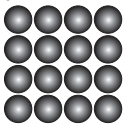
Find the numbers

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

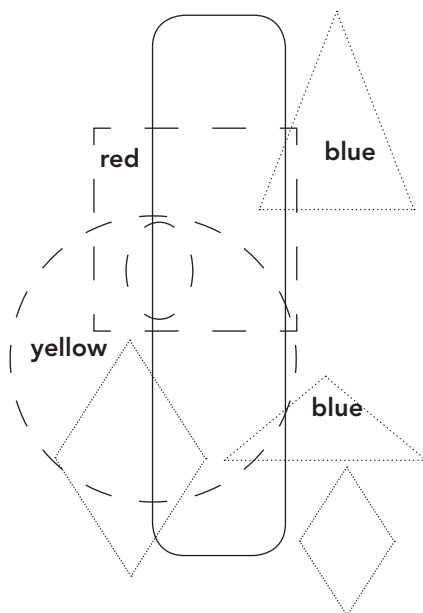
Enrichment Activity 3.7: Answers

Shapes

triangles – blue

squares – red

circles – yellow



Enrichment Activity 3.8: Answers

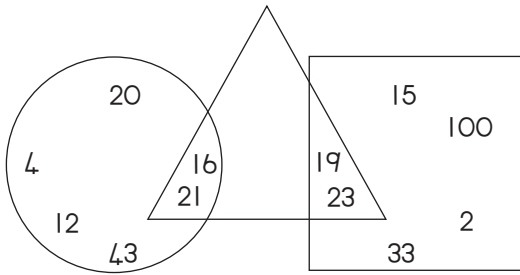
Find the numbers

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

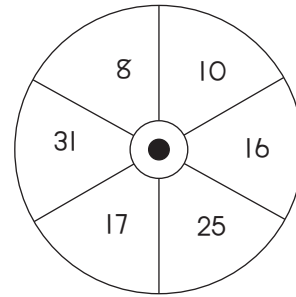
What is my number?



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

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

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

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

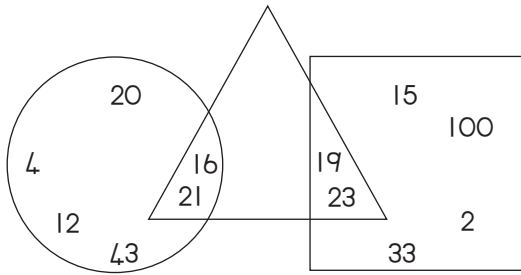
$$\text{_____} \times 4 = 12$$

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

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

Enrichment Activity 3.9: Answers

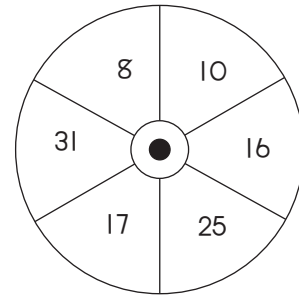
What is my number?



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? _____

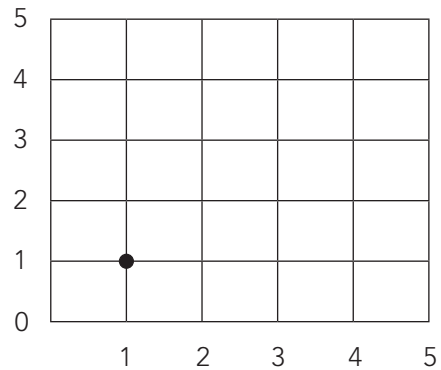
In the sentence:

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?

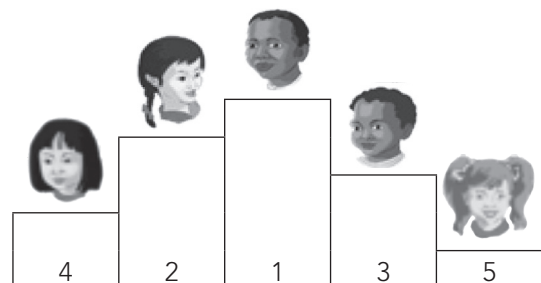
I have 8 units.

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:

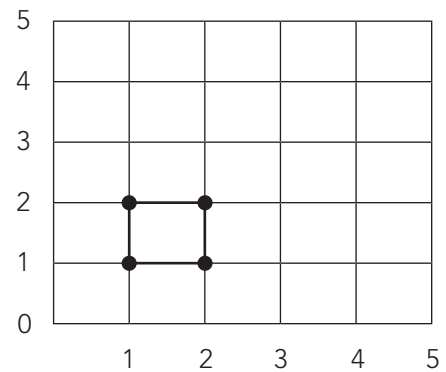
We also saw penguins and ...

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.

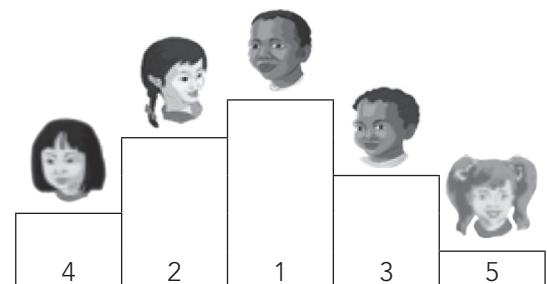
What is 4 tens more than the units?

48

Enrichment Activity 3.20: Answers

Where did I come in the race?

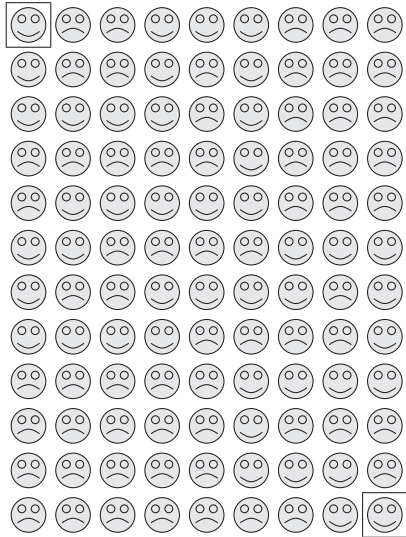
1. Imram came first.
2. Mary came second.
3. John came third.
4. Maryke came fifth.
5. I came **fourth**.



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?

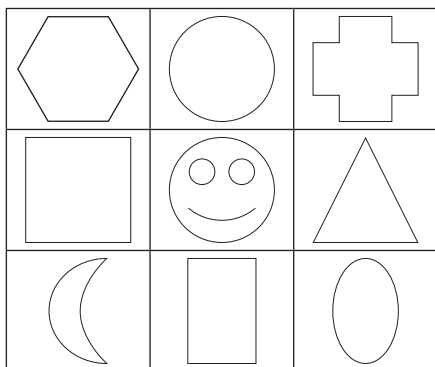
Where is the number name in the letter grid? Colour or circle each word.

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.

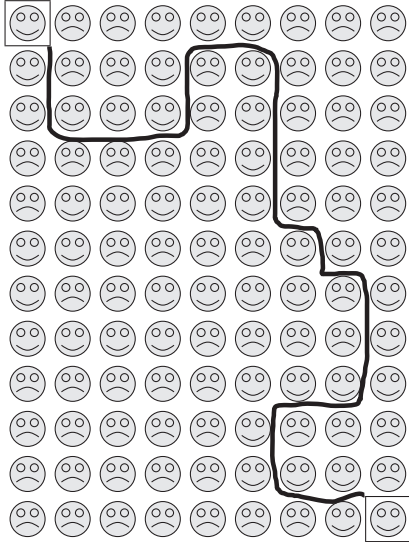
t	r	i	a	n	g	l	e	m	a
r	e	d	r	i	e	h	o	e	k
i	c	i	r	c	l	e	s	u	m
a	t	x	h	e	x	a	g	o	n
n	a	s	f	r	t	h	i	v	t
l	n	s	q	p	m	n	b	a	h
g	g	o	c	i	r	c	e	l	r
e	l	r	s	q	u	a	r	e	e
e	e	c	r	e	s	c	e	n	t

- 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?

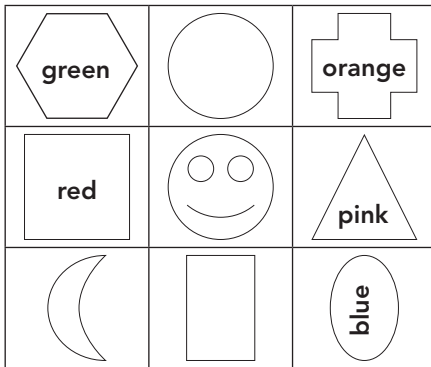
Where is the number name in the letter grid?
Colour or circle each word.

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

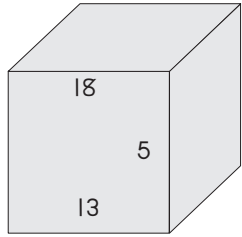
Complete the Sudoku

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

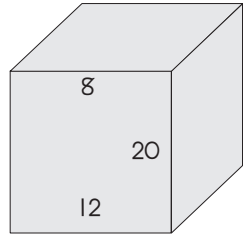
Enrichment Activity 3.29

Jumbled sums

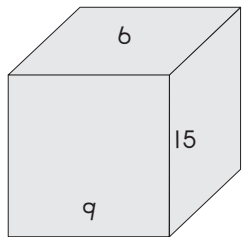
Use the numbers in the boxes to make a sum.



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



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

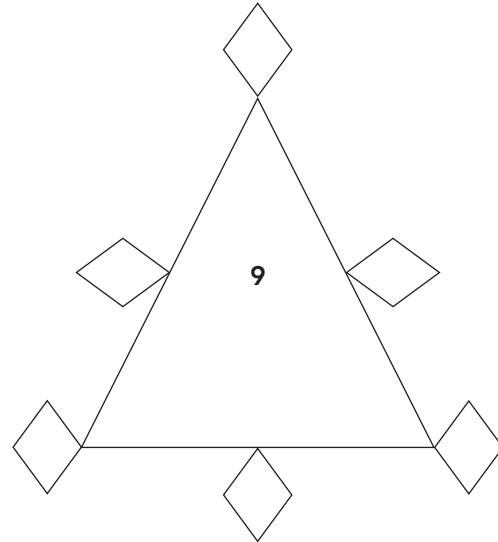


$$\square + \square = \square$$

Enrichment Activity 3.30

Six numbers

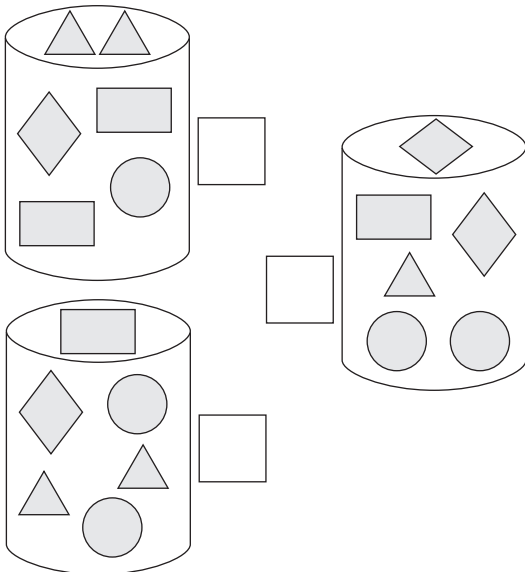
Place the numbers 1–6 in the diamonds so that each side of the triangle adds to the total inside the triangle.



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
----	---	---	---	---	---	---	---

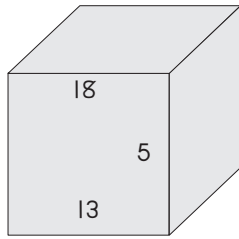
22	8	6	10	4	3	5	2
----	---	---	----	---	---	---	---

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

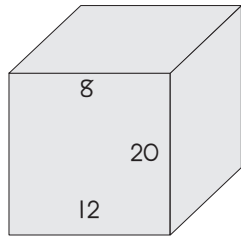
Enrichment Activity 3.29: Answers

Jumbled sums

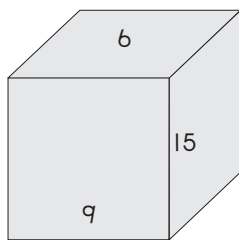
Use the numbers in the boxes to make a sum.



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



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

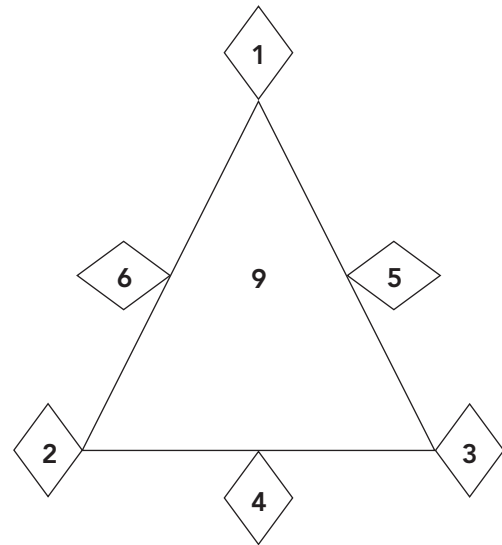


$$\boxed{9} + \boxed{6} = \boxed{15}$$

Enrichment Activity 3.30: Answers

Six numbers

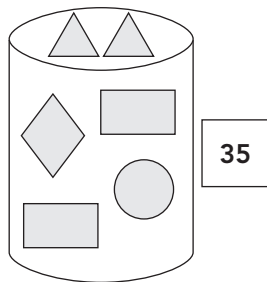
Place the numbers 1–6 in the diamonds so that each side of the triangle adds to the total inside the triangle.



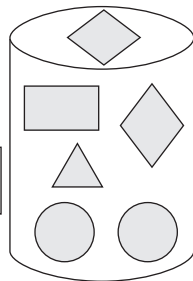
Enrichment Activity 3.31: Answers

Value

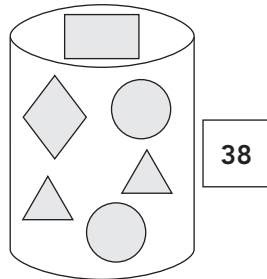
What is the value of each cylinder if a rectangle is 4, a circle is 7, a triangle is 5 and a diamond is 10? Write the answer in the box.



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: Setswana 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.

Tirwana ya Tokafatso 3.1

Ke nna mang?

Ke monnye mo go 20, mme ke feta 15. Moagisani wa me o monnye mo go 18 ka 1.

Ke monnye mo go 16. Fa o ntlhakanya gararo 1 e nna 45.

Tirwana ya Tokafatso 3.2

Ke mang yo o nang le madi a mantsi?

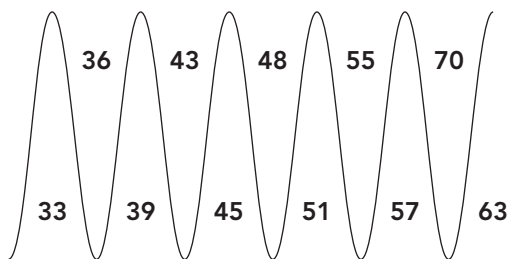
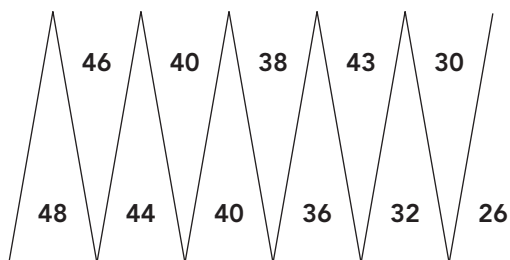
- Busi o na le: dipapetlana tsa 10c tse pedi, dipapetlana tsa 50c tse tharo le papetlana ya R2 e le nngwe.
- Pete o na le: dipapetlana tsa R1 di le pedi, dipapetlana tsa 5c di le thataro le dipapetlana tsa 20c di le pedi.
- Nicole o na le: dipapetlana tsa 10c di le supa, dipapetlana tsa 20c di le tlhano le dipapetlana tsa 5c di le robedi

Ke mang yo o nang le madi a mantsi?

Tirwana ya Tokafatso 3.3

Ela tlhoko phoso

Dirisa phentshela go tshatsha dinomoro le dipopego.



Tirwana ya Tokafatso 3.4

Batla dipalo

Batla o be o khalara dipara tsotlhe tsa diboloko kwa dipalo tse pedi tse di bapileng le, kgotsa di le ka fa tlase ga tse dingwe, di tla go nayang 10.

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

Tirwana ya Tokafatso 3.1: Dikarabo

Ke nna mang?

Ke monnye mo go 20, mme ke feta 15. Moagisani wa me o monnye mo go 18 ka 1.

16

Ke monnye mo go 16. Fa o ntlhakanya gararo 1 e nna 45.

15

Tirwana ya Tokafatso 3.2: Dikarabo

Ke mang yo o nang le madi a mantsi?

- Busi o na le: dipapetlana tsa 10c tse pedi, dipapetlana tsa 50c tse tharo le papetlana ya R2 e le nngwe.
- Pete o na le: dipapetlana tsa R1 di le pedi, dipapetlana tsa 5c di le thataro le dipapetlana tsa 20c di le pedi.
- Nicole o na le: dipapetlana tsa 10c di le supa, dipapetlana tsa 20c di le tlhano le dipapetlana tsa 5c di le robedi

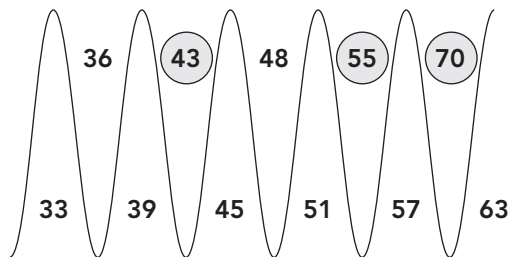
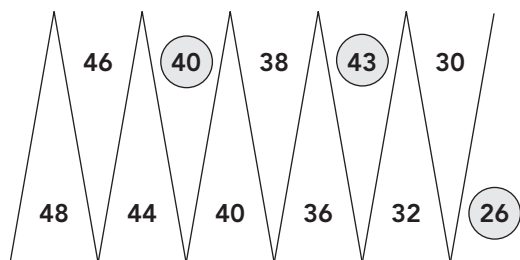
Ke mang yo o nang le madi a mantsi?

Busi o na le madi a mantsi

Tirwana ya Tokafatso 3.3: Dikarabo

Ela tlhoko phoso

Dirisa phentshela go tshatsha dinomoro le dipopego.



Tirwana ya Tokafatso 3.4: Dikarabo

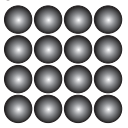
Batla dipalo

Batla o be o khalaria dipara tsotlhe tsa diboloko kwa dipalo tse pedi tse di bapileng le, kgotsa di le ka fa tlase ga tse dingwe, di tla go nayang 10.

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

Tirwana ya Tokafatso 3.5

Setshikhinyaboko

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

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?

Tirwana ya Tokafatso 3.6

Umlayezo oyimfihlo

Molaetsa wa sephiri: Batla karabo o dirisa lebokoso la dikarabo.

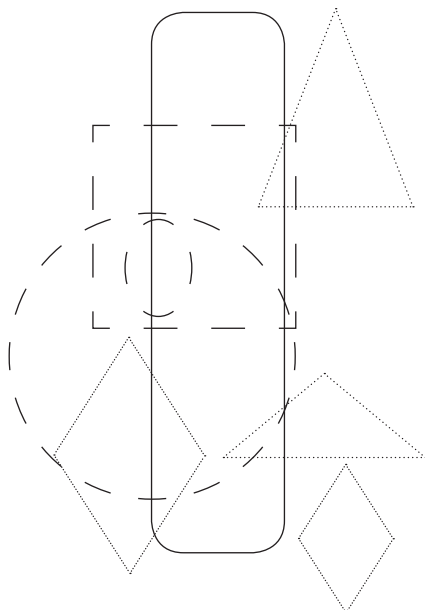
a	e	h	l	m	i	o	t	s	v
24	25	26	34	35	36	44	45	46	50

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. $23 + 23 = \underline{\quad}$

Tirwana ya Tokafatso 3.7

Batla dibopego tse o bo o kwala mmala mo go tsona

dikhutlotharo – botala jwalegodimo
 dikwere – bohhibidu
 disekele – serolwana



Tirwana ya Tokafatso 3.8

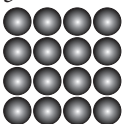
Batla dipalo

Batla o be o khalara dipara tsotlhe tsa diboloko kwa dipalo tse pedi tse di bapileng le, kgotsa di le ka fa tlase ga tse dingwe, di tla go nayang 30.

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

Tirwana ya Tokafatso 3.5: Dikarabo

Setshikhinyaboko

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

Tirwana ya Tokafatso 3.6: Dikarabo

Umlayezo oyimfihlo

Molaetsa wa sephiri: Batla karabo o dirisa lebokoso la dikarabo.

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

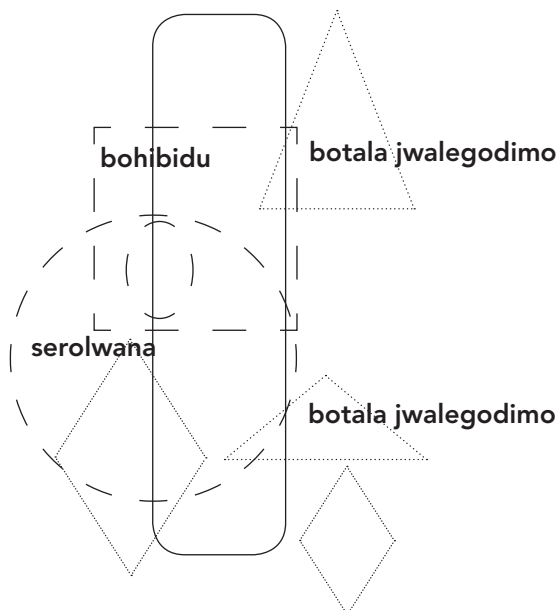
Tirwana ya Tokafatso 3.7: Dikarabo

Batla dibopego tse o bo o kwala mmala mo go tsona

dikhutlotharo – botala jwalegodimo

dikwere – bohibidu

disekele – serolwana



Tirwana ya Tokafatso 3.8: Dikarabo

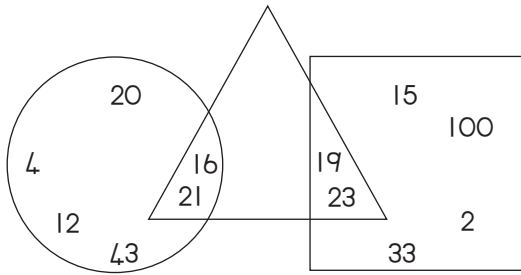
Batla dipalo

Batla o be o khalaria dipara tsotlhe tsa diboloko kwa dipalo tse pedi tse di bapileng le, kgotsa di le ka fa tlase ga tse dingwe, di tla go nayang 30.

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

Tirwana ya Tokafatso 3.9

Palo ya me ke mang?

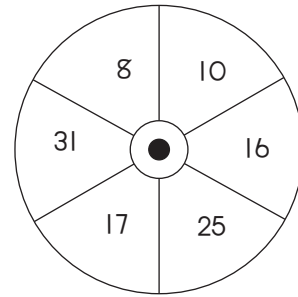


1. Palo e e mo sekeleng. Ke 6 gabedi.

2. Palo e e mo sekwereng.
Fa o e hafola, e nna 50. _____
3. Palo e e mo khutlotharong. Ke palomaleka mme e nnye mo go 18 ka 2. _____

Tirwana ya Tokafatso 3.10

Go tshameka didatshe



1. Sekoro se se kwa godimodimo o dirisa didatshe di le 2 ke sefe? _____
2. Sekoro sa ga Ben ke 30. O bone dipalo dife tse tharo? _____, _____, _____
3. Sekoro sa ga Siphon ke 16. Didatshe di le pedi di otlile palo e e tshwanang. O bone palo efe? _____

Tirwana ya Tokafatso 3.11

Ke dikwere di le kae?

A				
B				
C				
D				

Go na le dikwere di le kae mo go:

Mola A? _____

Mola C + D? _____

Haloho ya mola B? _____

Tlhakanya mola C le haloho ya mola B.

Tirwana ya Tokafatso 3.12

Palo 12

_____ x 1 = 12

_____ x 2 = 12

_____ x 3 = 12

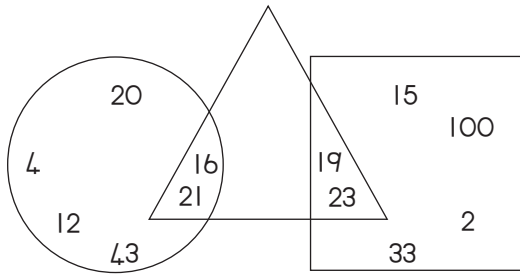
_____ x 4 = 12

_____ x 6 = 12

_____ x 12 = 12

Tirwana ya Tokafatso 3.9: Dikarabo

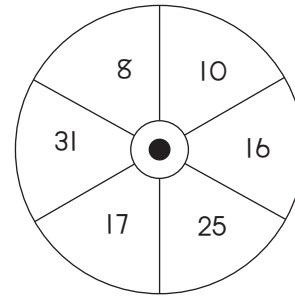
Palo ya me ke mang?



1. Palo e e mo sekeleng. Ke 6 gabedi.
12
2. Palo e e mo sekwereng.
Fa o e hafola, e nna 50. **100**
3. Palo e e mo khutlotharong. Ke palomaleka mme e nnye mo go 18 ka 2. **16**

Tirwana ya Tokafatso 3.10: Dikarabo

Go tshameka didatshe



1. Sekoro se se kwa godimodimo o dirisa didatshe di le 2 ke sefe? **62**
2. Sekoro sa ga Ben ke 30. O bone dipalo dife tse tharo? **10, 10, 10**
3. Sekoro sa ga Siphon ke 16. Didatshe di le pedi di otlile palo e e tshwanang. O bone palo efe? **16**

Tirwana ya Tokafatso 3.11: Dikarabo

Ke dikwere di le kae?

A				
B				
C				
D				

Go na le dikwere di le kae mo go:

Mola A? **4**

Mola C + D? **4**

Halofa ya mola B? **2**

Tlhakanya mola C le halofa ya mola B.

6

Tirwana ya Tokafatso 3.12: Dikarabo

Palo 12

$$12 \times 1 = 12$$

$$6 \times 2 = 12$$

$$4 \times 3 = 12$$

$$3 \times 4 = 12$$

$$2 \times 6 = 12$$

$$1 \times 12 = 12$$

Tirwana ya Tokafatso 3.13

Sms-etsa mme wa gago



O bona letshwao lefe fa o sms-etsa mme wa gago molaetsa o: **"I love you."**

Tirwana ya Tokafatso 3.14

Molaetsa ke eng?



- 9 * ,

* 5 5

Tirwana ya Tokafatso 3.15

Tlhakanya



Dipalo tsotlhe tsa mola wa ntlha:

Dipalo tsotlhe tsa mola wa bobedi:

Dipalo tsotlhe tsa mola wa boraro:

Palogotlhe ya dipalo tsa mola wa 1 wa 2 ke bokae?

Tirwana ya Tokafatso 3.16

Tlhakanya gape



Tlhakanya dipalo tsotlhe tse di mo kholomong e e simololang ka 1: _____

Tlhakanya dipalo tsotlhe tse di mo kholomong e e simololang ka 2: _____

Tlhakanya dipalo tsotlhe tse di mo kholomong e e simololang ka 3: _____

Palogotlhe ya dipalo tse di mo go kholomong ya 1 le 3 ke bokae? _____

Tirwana ya Tokafatso 3.13: Dikarabo

Sms-etsa mme wa gago



O bona letshwao lefe fa o sms-etsa mme wa gago molaetsa o: "I love you."

- " + ? 2

) + -

Tirwana ya Tokafatso 3.14: Dikarabo

Molaetsa ke eng?



- 9 * ,

 l c a n

 * 5 5

 a d d

Tirwana ya Tokafatso 3.15: Dikarabo

Tlhakanya



Dipalo tsotlhe tsa mola wa ntlha: **6**
 Dipalo tsotlhe tsa mola wa bobedi: **15**
 Dipalo tsotlhe tsa mola wa boraro: **24**
 Palogotlhe ya dipalo tsa mola wa 1 wa 2 ke bokae? **21**

Tirwana ya Tokafatso 3.16: Dikarabo

Tlhakanya gape



Tlhakanya dipalo tsotlhe mo kholomong o simolola ka 1: **12**
 Tlhakanya dipalo tsotlhe tse di mo kholomong e e simololang ka 2: **15**
 Tlhakanya dipalo tsotlhe tse di mo kholomong e e simololang ka 3: **18**
 Palogotlhe ya dipalo tse di mo go kholomong ya 1 le 3 ke bokae? **30**

Tirwana ya Tokafatso 3.17

Dipalo tsa tlhago

Mo polelong:

Rre o nkisitse kwa serapeng sa diphologolo.

Tlhaka ya borobedi ke mang?

Mo polelong:

Re bone ditau le diphala.

Tlhaka ya lesometharo ke mang?

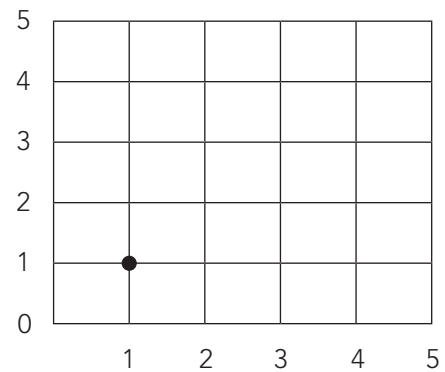
Mo polelong:

Gape re bone diphenkwini le ...

Kwala ditlhaka tse go bona gore re bone diphologolo dife gape: ya borobedi, ya bolesome, ya bobedi le ya bosupa.

Tirwana ya Tokafatso 3.18

Golaganya maronthorontho



Dira leronthorontho mo go 1-1 (o e diretswe), 2-2, 2-1 le 1-2. Golaganya maronthorontho.

O bona sebopego sefe?

Tirwana ya Tokafatso 3.19

Palo ke mang?

Ke na le masome a le 4.

Ke palo efe e nnye mo masomeng ka metso e le?

Ke na le lesome le le 1.

Ke palo efe e kgolwane m masomeng ka 5?

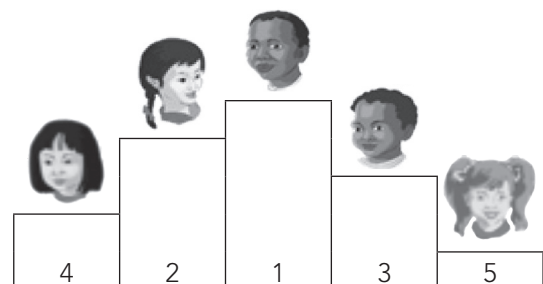
Ke na le metso e le 8.

Ke palo efe e kgolwane mo metsong ka masome a le 4?

Tirwana ya Tokafatso 3.20

Ke nnile wa bokae mo lebelong?

1. Imram o nnile wa ntlha.
2. Mary o nnile wa bobedi.
3. John o nnile wa boraro.
4. Maryke o nnile wa botlhano.
5. Ke nnile wa _____.



Tirwana ya Tokafatso 3.17: Dikarabo

Dipalo tsa tlhago

Mo polelong:

Re o nkisitse kwa serapeng sa diphologolo.

Tlhaka ya borobedi ke mang?

a

Mo polelong:

Re bone ditau le diphala.

Tlhaka ya lesometharo ke mang?

b

Mo polelong:

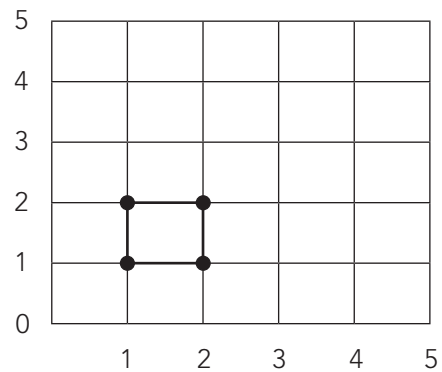
Gape re bone diphenkwini le ...

Kwala ditlhaka tse go bona gore re bone diphologolo dife gape: ya borobedi, ya bolesome, ya bobedi le ya bosupa.

inyoni

Tirwana ya Tokafatso 3.18: Dikarabo

Golaganya maronthorontho



Dira leronthorontho mo go 1-1 (o e diretswe), 2-2, 2-1 le 1-2. Golaganya maronthorontho.

O bona sebopego sefe?

sekwere

Tirwana ya Tokafatso 3.19: Dikarabo

Palo ke mang?

Ke na le masome a le 4.

Ke palo efe e nnye mo masomeng ka metso e le?

37

Ke na le lesome le le 1.

Ke palo efe e kgolwane m masomeng ka 5?

15

Ke na le metso e le 8.

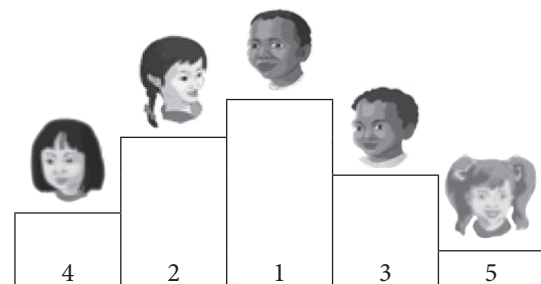
Ke palo efe e kgolwane mo metsong ka masome a le 4?

48

Tirwana ya Tokafatso 3.20: Dikarabo

Ke nnile wa bokae mo lebelong?

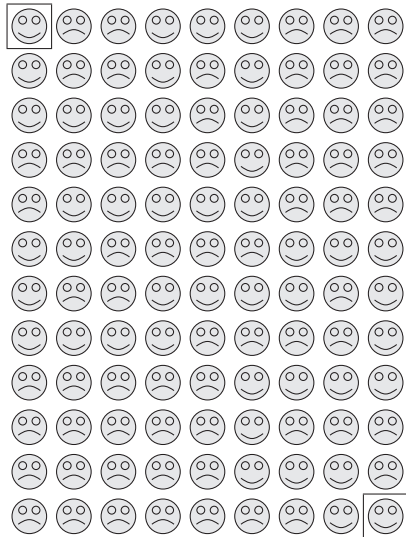
1. Imram o nnile wa ntlha.
2. Mary o nnile wa bobedi.
3. John o nnile wa boraro.
4. Maryke o nnile wa botlhano.
5. Ke nnile wa **isine**.



Tirwana ya Tokafatso 3.21

Batla tsela ya gago

Simolola kwa sefatlhego sa ntlha mme o batle tsela ya go ya kwa sefatlhegong sa bofelo ka go feta fela mo difatlhegong tse di itumetseng. O se ka wa feta mo difatlhegong tse di tlhontseng.



Tirwana ya Tokafatso 3.22

Leinapalo le kae?

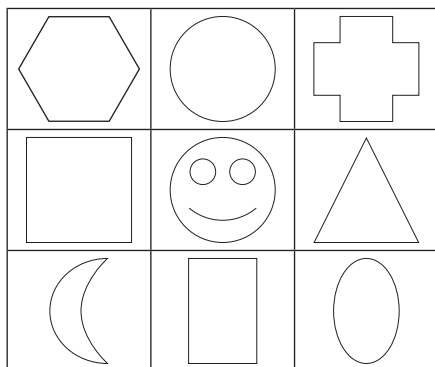
Le tshasemmala mo keriting ya ditlhaka.

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

Tirwana ya Tokafatso 3.23

Ditsala tsa me ke bomang?



Khalara diboepo:

- Sekere mmala wa namune.
- Khutlotharo pinki.
- Sekele botala jwa legodimo.
- Khutlonnetsepa botala jwa tlhaga.

Seboepo sa ngwedi se bidiwa eng?

O khalare serolwana.

Tirwana ya Tokafatso 3.24

Leinapopego le fa kae mo keriting eno ya dithaka? Tshasa mmala kgotsa o sekelele lefoko lengwe le lengwe.

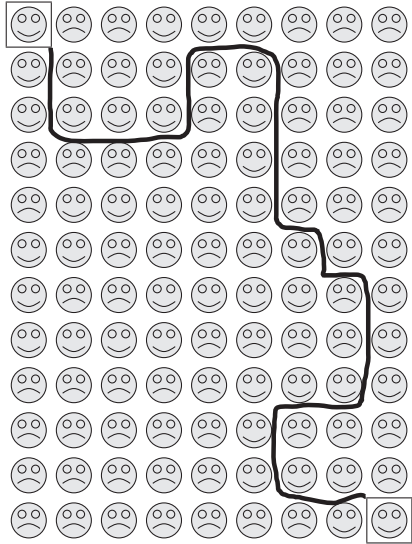
t	r	i	a	n	g	l	e	m	a
r	e	d	r	i	e	h	o	e	k
i	c	i	r	c	l	e	s	u	m
a	t	x	h	e	x	a	g	o	n
n	a	s	f	r	t	h	i	v	t
l	n	s	q	p	m	n	b	a	h
g	g	o	c	i	r	c	e	l	r
e	l	r	s	q	u	a	r	e	e
e	e	c	r	e	s	c	e	n	t

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

Tirwana ya Tokafatso 3.21: Dikarabo

Batla tsela ya gago

Simolola kwa sefatlhego sa ntlha mme o batle tsela ya go ya kwa sefatlhegong sa bofelo ka go feta fela mo difatlhegongtse di itumetseng. O se ka wa feta mo difatlhegong tse di tlhontseng.



Tirwana ya Tokafatso 3.22: Dikarabo

Leinapalo le kae?

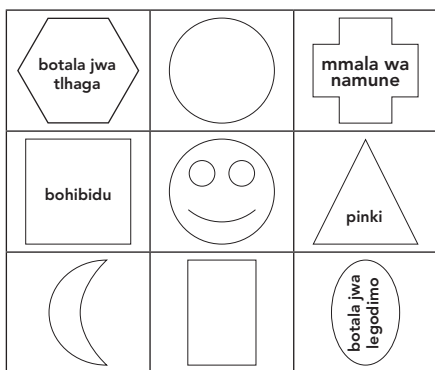
Le tshasemmala mo keriting ya ditlhaka.

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

Tirwana ya Tokafatso 3.23: Dikarabo

Ditsala tsa me ke bomang?



Khalara dibopego:

Sekere mmala wa namune.

Khutlotharo pinki.

Sekele botala jwa legodimo.

Khutlonnetsepa botala jwa tlhaga.

Sebopego sa ngwedi se bidiwa eng?

ucezu

O khalare serolwana.

Tirwana ya Tokafatso 3.24: Dikarabo

Leinapopego le fa kae mo keriting eno ya dithaka? Tshasa mmala kgotsa o sekelele lefoko lengwe le lengwe.

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

Tirwana ya Tokafatso 3.25





Feleletsa Sudoku go dira lesome

4	2		
		2	4
3	1		
		1	3





Tirwana ya Tokafatso 3.26

Madi

Tlhomaganya dikhoene go tloga ka dipapetlana tse di nang le tlhotlha e e kwa godimo go fitlha ka dipapetlana tse di nang le tlhotlha e e kwa tlase. Kwala fela dipalo.

1. 	2. 	3. 	4. 

Jaanong tlhomaganya go tloga ka dipapetlana tsa tlhotlha e e kwa tlase go fitlha ka tlhotlha e e kwa godimo. Kwala fela dipalo.

1. 	2. 	3. 	4. 

Tirwana ya Tokafatso 3.27

Ke kgona go reka eng?

O na le R2, 00.

A o kgona go reka dikukukopi di le tharo?



O na le R5, 00.

A o kgona go reka dikgwele kana dibolo di le tharo?



Tirwana ya Tokafatso 3.28

Feleletsa Sudoku

	2	3	
1			4
2			3
	1	4	

Tirwana ya Tokafatso 3.25: Dikarabo





Feleletsa Sudoku go dira lesome

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

Tirwana ya Tokafatso 3.26: Dikarabo

Madi

Tlhomaganya dikhoene go tloga ka dipapetlana tse di nang le tlhotlha e e kwa godimo go fitlha ka dipapetlana tse di nang le tlhotlha e e kwa tlase. Kwala fela dipalo.

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

Jaanong tlhomaganya go tloga ka dipapetlana tsa tlhotlha e e kwa tlase go fitlha ka tlhotlha e e kwa godimo. Kwala fela dipalo.

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

Tirwana ya Tokafatso 3.27: Dikarabo

Ke kgona go reka eng?

O na le R2, 00.

A o kgona go reka dikukukopi di le tharo?



Ee

O na le R5, 00.

A o kgona go reka dikgwele kana dibolo di le tharo?



nnyaya

Tirwana ya Tokafatso 3.28: Dikarabo

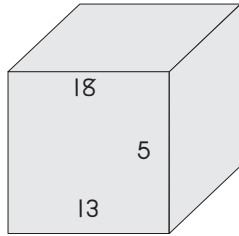
Feleletsa Sudoku

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

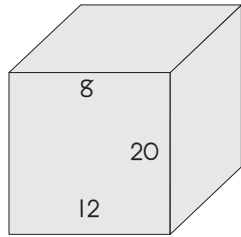
Tirwana ya Tokafatso 3.29

Dipalelo tse di tlhakatlhakantsweng

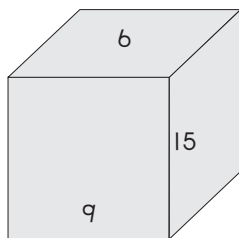
Dirisa dipalo tse di mo mabokosong go dira palelo.



+ =



+ =

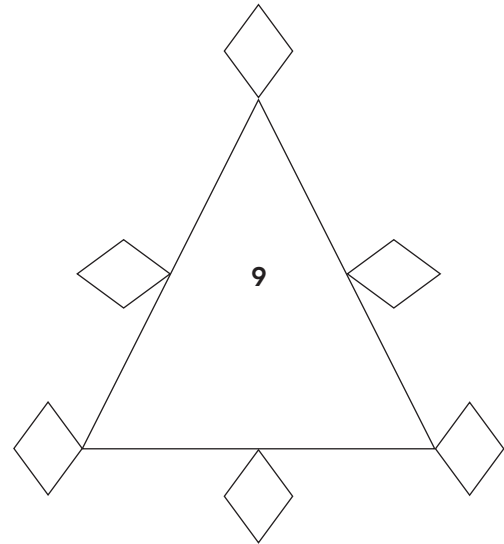


+ =

Tirwana ya Tokafatso 3.30

Dipalo tse thataro

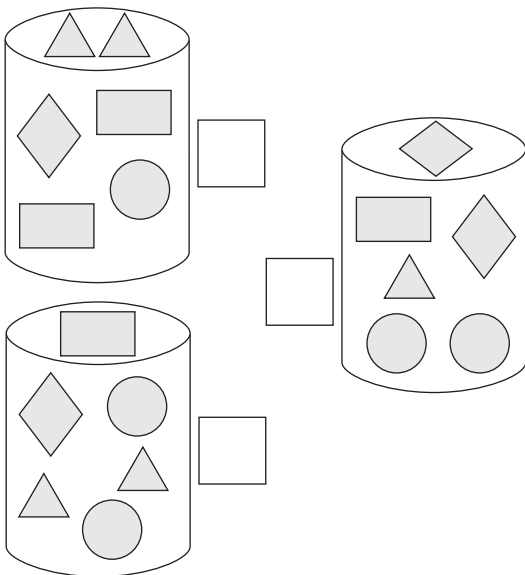
Baya dipalo 1–6 mo ditaemaneng gore letlhakore lengwe le lengwe la khutlotharo le tlhakanyetse go palogotlhe e e mo khutlotharong.



Tirwana ya Tokafatso 3.31

Tlhotlhwa

Tlhotlhwa ya selintara nngwe le nngwe ke eng fa khutlonnetsepa e le 4, sekele e le 7, Khutlotharo e le 5 le taemane e le 10? Kwala karabo mo lebokosong.



Tirwana ya Tokafatso 3.32

Khalara go bontsha karabo

Khalara dipalo tse di tlaa tlhakanyetsang go palo ya ntlha mo moleng wa diboloko.

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

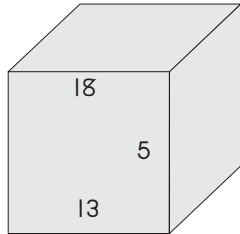
22	8	6	10	4	3	5	2
----	---	---	----	---	---	---	---

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

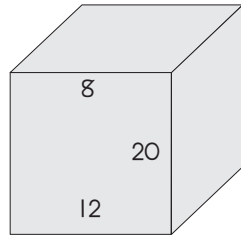
Tirwana ya Tokafatso 3.29: Dikarabo

Dipalelo tse di tlhakatlhakantsweng

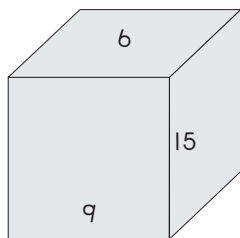
Dirisa dipalo tse di mo mabokosong go dira palelo.



$$13 + 5 = 18$$



$$12 + 8 = 20$$

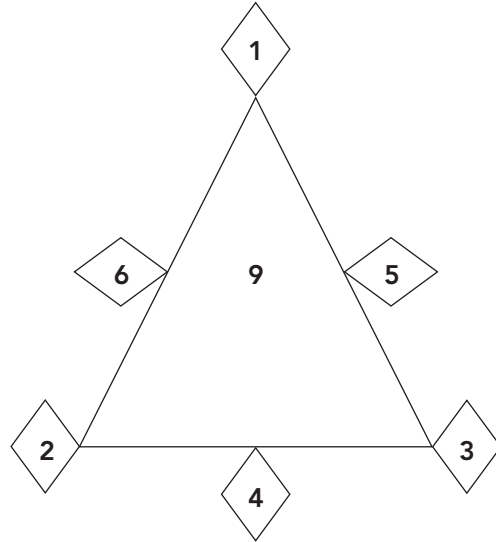


$$9 + 6 = 15$$

Tirwana ya Tokafatso 3.30: Dikarabo

Dipalo tse thataro

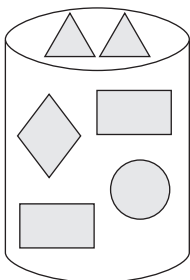
Baya dipalo 1–6 mo ditaemaneng gore letlhakore lengwe le lengwe la khutlotharo le tlhakanyetse go palogotlhe e e mo khutlotharong.



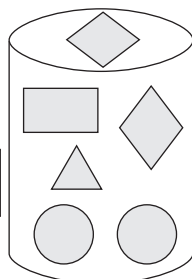
Tirwana ya Tokafatso 3.31: Dikarabo

Tlhotlha

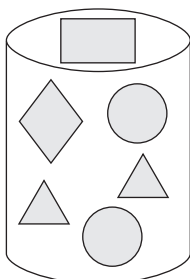
Tlhotlha ya selintara nngwe le nngwe ke eng fa khutlonnetsepa e le 4, sekele e le 7, Khutlotharo e le 5 le taemane e le 10? Kwala karabo mo lebokosong.



35



43



38

Tirwana ya Tokafatso 3.32: Dikarabo

Khalara go bontsha karabo

Khalara dipalo tse di tlaa tlhakanyetsang go palo ya ntlha mo moleng wa diboloko.

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
----	---	---	---	---	----	---	---