MATHEMATICS

Grade 3

English/ Sepedi

Learner Activity Book

2020 TERM 2

Introduction

This resource pack has fifty numbered daily activities for classwork and homework. The activities correspond to the activities in the lesson plans. Answers to the activities can be written in this book.

These resources are bilingual. We hope that presenting the activities in two languages will help learners to learn the maths words in both their home language and in English. This will equip them for lifelong learning of maths.

If learners work systematically through these maths activities, they will cover the whole curriculum. Hopefully these activities will be a fun way to help them acquire this maths knowledge.

Matseno

Paka ye ya didirišwa e na le mešongwana ye masomehlano yeo e nomorilwego ya tšatši ka tšatši ya ka phapošing le ya gae. Mešongwana e nyalelana le mešongwana yeo e lego ka gare ga boitokišetšo bja dithuto. Dikarabo tša mešongwana di ka ngwalwa ka mo pukung ye.

Didirišwa tše ke phetolelo ya maleme a mabedi. Re tshepa go re go hlagiša mešongwana ye ka maleme a mabedi go tla thuša barutwana go ithuta mantšu a mmetse ka leleme la gae le ka Seisemane. Se se tla ba tlabakela ka thuto ya bophelo ka moka ya mmetse.

Ge barutwana ba ka šoma ka peakanyo ya mešongwana ye ya mmetse, ba tla ithuta, ba akaretša kharikhulamo ka moka. Tshepo ya rena ke go re mešongwana ye e tla ba tsela ya go kgahliša ya go ba thuša go hwetša tsebo ya mmetse.

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Term 2 Lesson 1
Kotara ya 2 Thuto ya 1
Multiplication tables up to 5
Ditafola tša go atiša go fihla go 5

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Learners arrange the multiplication cards in order for the following times tables:

Barutwana ba beakanya dikarata tša katišo ka tatelano ya ditafola tša dikatišo tše di latelago:

a × 1 **b** × 2 **c** × 3 **d** × 4 **e** × 5

2 Play the 1 to 5 multiplication card game. Your teacher will explain the rules.

Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

Complete the table:

Feleletša tafola:

	Multiplication Katišo	Repeated addition Tlhakantšhapoeletšo	Answer Karabo
1	4 × 3	3 + 3 + 3 + 3	
2	5 × 4		
3		2 + 2 + 2 + 2	
4	5 × 3		

Term 2 Lesson 2
Kotara ya 2 Thuto ya 2
Multiplication using array diagrams
Katišo ka go šomiša ditaekramo tša tokologanyo

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Learners arrange the multiplication cards in order for the following times tables:

Barutwana ba beakanya dikarata tša katišo ka tatelano ya ditafola tša dikatišo tše di latelago:

a × 1 **b** × 2 **c** × 3 **d** × 4 **e** × 5

2 Play the 1 to 5 multiplication card game. Your teacher will explain the rules.

Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

Complete the table:

Feleletša tafola:

	Multiplication Katišo	Repeated addition Tlhakantšhapoeletšo	Answer Karabo
1	6 × 4	4 + 4 + 4 + 4 + 4 + 4	
2		6 + 6 + 6 + 6	
3		5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	
4	5 × 9		

Term 2 Lesson 3
Kotara ya 2 Thuto ya 3

The 6 times table
Tafola ya katišo ya 6

CLASSWORK MOŠOMO WA KA PHAPOŠING

Play the multiplication card game. Your teacher will explain the rules.
Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

Complete the table:
Feleletša tafola:

	Multiplication Katišo	Repeated addition Tlhakantšhapoeletšo	Answer Karabo
1	3 × 6	6 + 6 + 6	
2	4 × 6		
3		6 + 6 + 6 + 6 + 6	
4	6 × 6		
5		6 + 6 + 6 + 6 + 6 + 6 + 6	

Term 2 Lesson 4
Kotara ya 2 Thuto ya 4

The 6 times table
Tafola ya katišo ya 6

CLASSWORK MOŠOMO WA KA PHAPOŠING

Play the multiplication card game. Your teacher will explain the rules.
Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

Complete the table:
Feleletša tafola:

	Multiplication Katišo	Repeated addition Tlhakantšhapoeletšo	Answer Karabo
1	9 × 6	6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	
2	8 × 6		
3		6 + 6	
4	3 × 6		
5		6 + 6 + 6 + 6	

Term 2 Lesson 5
Kotara ya 2 Thuto ya 5
Consolidation
Teefatšo

1 Complete the table:

Feleletša tafola:

	Multiplication Katišo	Repeated addition Tlhakantšhapoeletšo	Answer Karabo
a	2 × 5	5 + 5	
b	3 × 5		
c		5 + 5 + 5 + 5	
d	5 × 5		
e		5 + 5 + 5 + 5 + 5 + 5	
f	7 × 5		
g		5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	40
h		5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	45

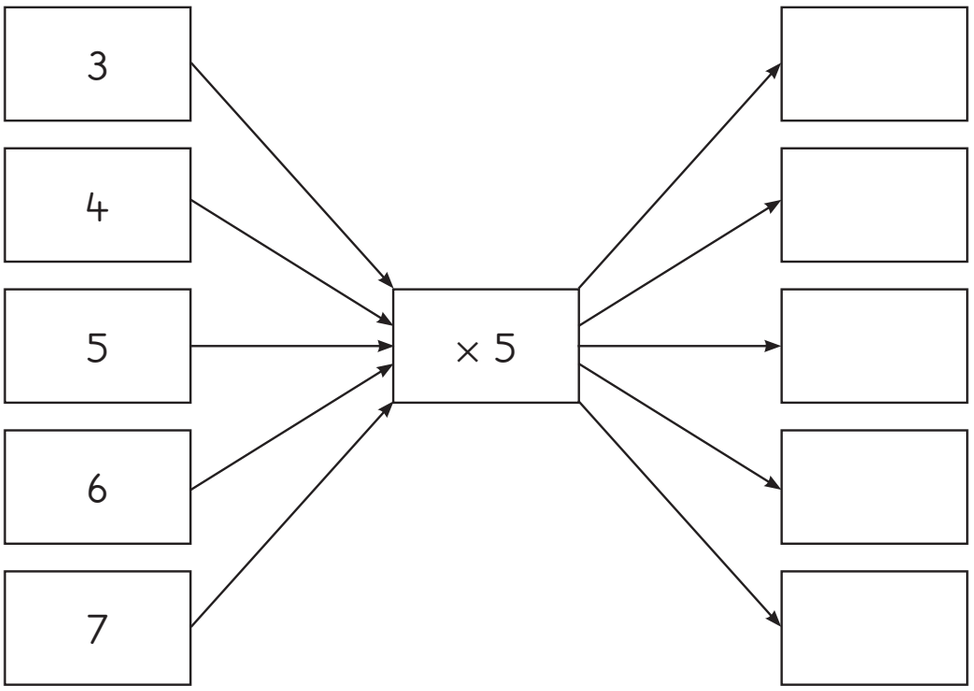
2 Complete the table:

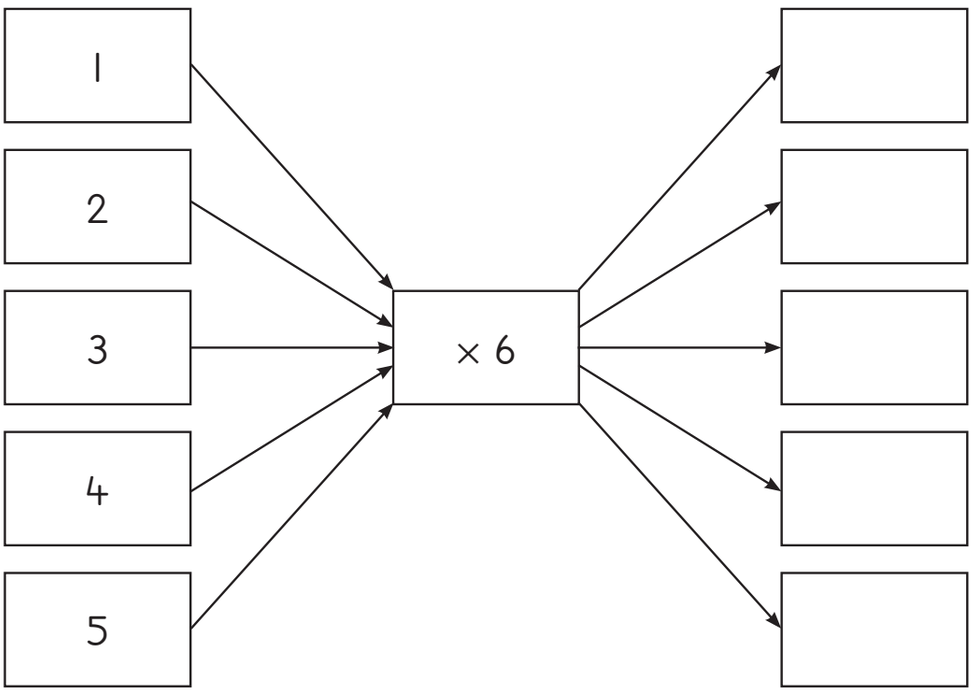
Feleletša tafola:

	Multiplication Katišo	Repeated addition Tlhakantšhapoeletšo	Answer Karabo
a	2 × 6	6 + 6	
b	3 × 6		
c		6 + 6 + 6 + 6	
d	5 × 6		
e		6 + 6 + 6 + 6 + 6 + 6	
f	7 × 6		
g		6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	48
h		6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	54

3 Complete the flow diagrams:

Feleletša ditaekramo tša go ela:





4 Play the multiplication card game. Your teacher will explain the rules.

Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

Term 2 Lesson 6
Kotara ya 2 Thuto ya 6
The 7 times table
Tafola ya katišo ya 7

CLASSWORK MOŠOMO WA KA PHAPOŠING

Play the multiplication card game. Your teacher will explain the rules.
Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

Complete the table:
Feleletša tafola:

	Multiplication Katišo	Repeated addition Tlhakantšhapoeletšo	Answer Karabo
1	2 × 7	7 + 7	
2	4 × 7		
3		7 + 7 + 7 + 7 + 7	
4	8 × 7		
5		7 + 7 + 7 + 7 + 7 + 7 + 7	

Term 2 Lesson 7
Kotara ya 2 Thuto ya 7
The 7 times table
Tafola ya katišo ya 7

CLASSWORK MOŠOMO WA KA PHAPOŠING

Play the multiplication card game. Your teacher will explain the rules.
Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

Complete the table:
Feleletša tafola:

	Multiplication Katišo	Repeated addition Tlhakantšhapoeletšo	Answer Karabo
1	5 × 7	7 + 7 + 7 + 7 + 7	
2	9 × 7		
3		7 + 7 + 7 + 7 + 7 + 7	
4	2 × 7		
5		7 + 7 + 7	

Term 2 Lesson 8
Kotara ya 2 Thuto ya 8
Assessment
Kelo

Term 2 Lesson 9
Kotara ya 2 Thuto ya 9
The 8 times table
Tafola ya katišo ya 8

CLASSWORK MOŠOMO WA KA PHAPOŠING

Play the multiplication card game. Your teacher will explain the rules.
Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

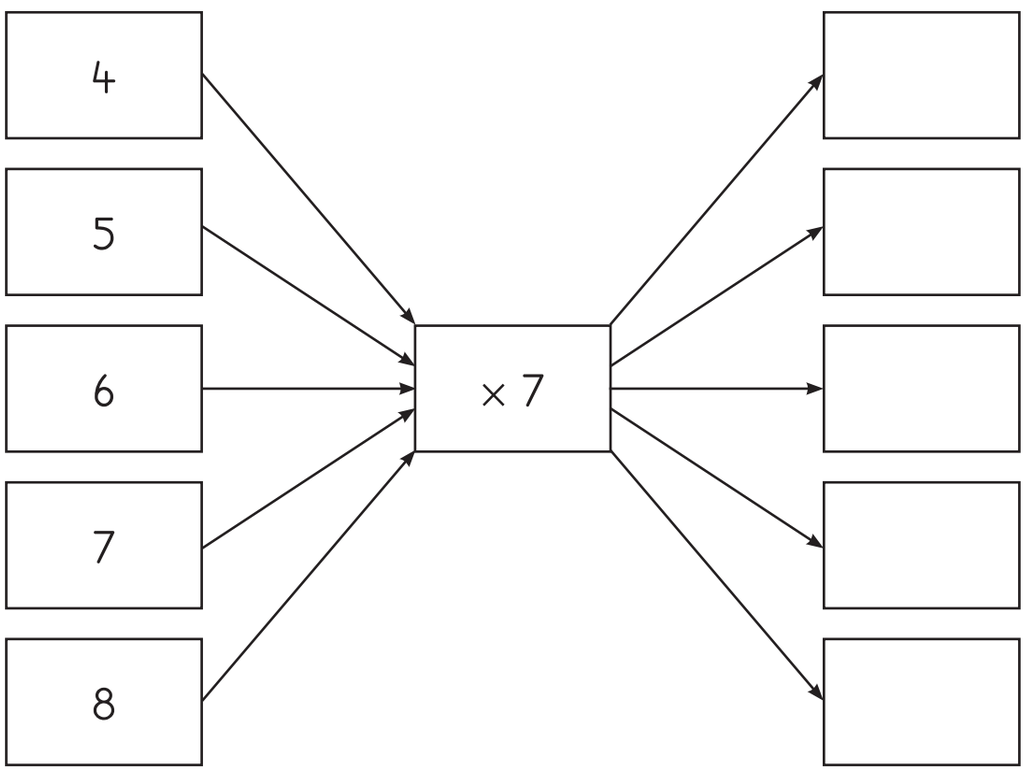
Complete the table:
Feleletša tafola:

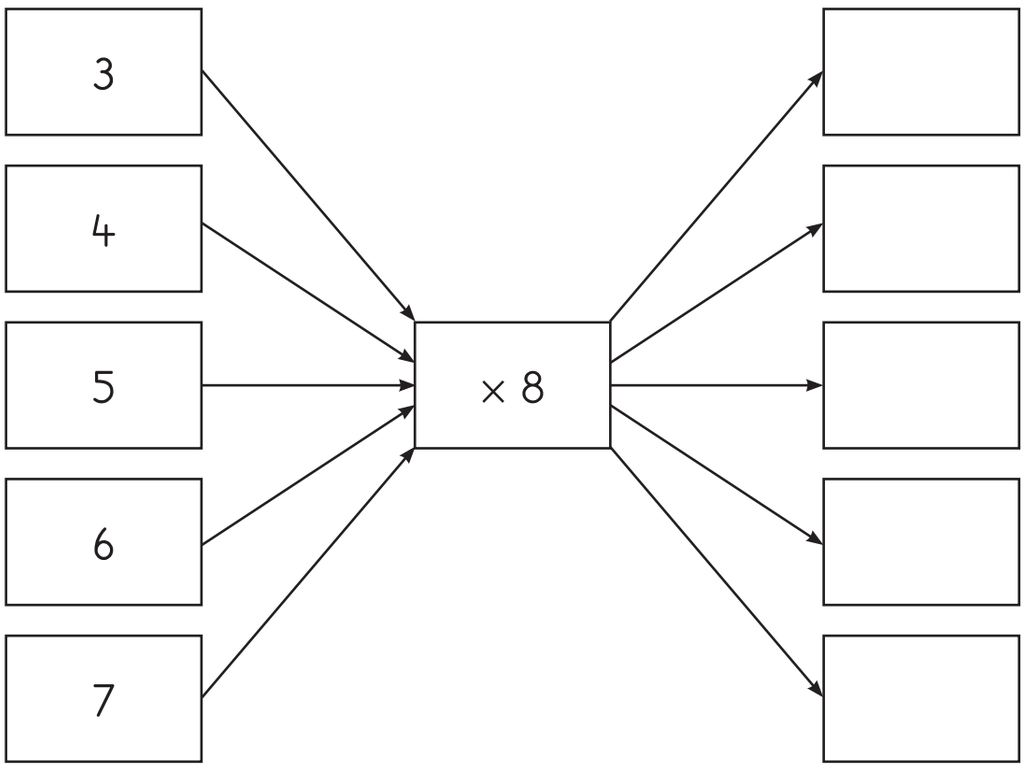
	Multiplication Katišo	Repeated addition Tlhakantšhapoeletšo	Answer Karabo
1	4 × 8	8 + 8 + 8 + 8	
2	6 × 8		
3		8 + 8 + 8	
4	9 × 8		
5		8 + 8 + 8 + 8 + 8	

Term 2 Lesson 10
Kotara ya 2 Thuto ya 10
Consolidation
Teefatšo

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Complete the flow diagrams:
Feleletša ditaekramo tša go ela:





2 Complete the tables:

Feleletša ditafola:

a

	4		6	7	8
× 7		35			

b

	3	4	5		7
× 8				48	

3 Play the multiplication card game in pairs. Your teacher will explain the rules.

Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

Term 2 Lesson 11
Kotara ya 2 Thuto ya 11

The 9 times table
Tafola ya katišo ya 9

CLASSWORK MOŠOMO WA KA PHAPOŠING

Play the multiplication card game. Your teacher will explain the rules.
Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

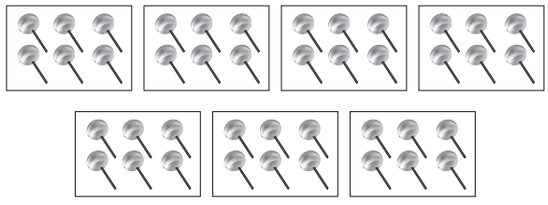
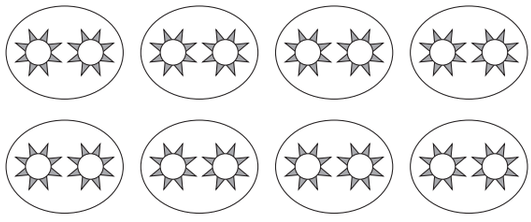
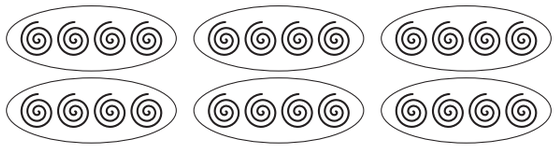
Complete the table:
Feleletša tafola:

	Multiplication Katišo	Repeated addition Tlhakantšhapoeletšo	Answer Karabo
1	5 × 9	9 + 9 + 9 + 9 + 9	
2	3 × 9		
3		9 + 9 + 9 + 9 + 9 + 9 + 9	
4	2 × 9		
5		9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9	

Term 2 Lesson 12
Kotara ya 2 Thuto ya 12
The 8 and 9 times tables
Ditafola tša dikatišo tša 8 le 9

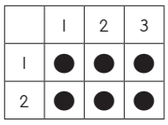
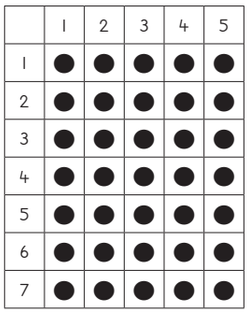
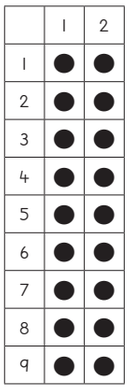
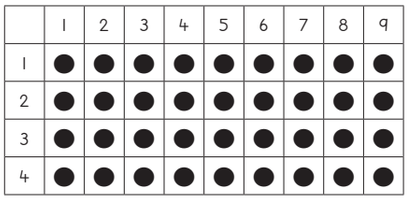
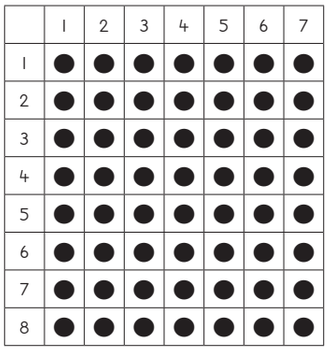
CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Write the number sentences with answers:
Ngwala mafokopalo le dikarabo:

		Number sentence Lefokopalo
a		
b		
c		
d		
e		

2 Write the number sentences with answers:

Ngwala mafokopalo le dikarabo:

		Number sentence Lefokopalo
a		
b		
c		
d		
e		

3 Write the number sentences with answers:
Ngwala mafokopalo le dikarabo:

	Repeated addition Tlhakantšhapoeletšo	Number sentence Lefokopalo
a	4 + 4 + 4 + 4 =	
b	6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 =	
c	8 + 8 + 8 + 8 + 8 =	
d	3 + 3 + 3 + 3 + 3 + 3 + 3 =	
e	5 + 5 + 5 + 5 + 5 =	

HOMEWORK MOŠOMO WA GAE

Write the number sentences with answers:
Ngwala mafokopalo le dikarabo:

	Repeated addition Tlhakantšhapoeletšo	Number sentence Lefokopalo
a	9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 =	
b	2 + 2 + 2 + 2 + 2 + 2 + 2 =	
c	7 + 7 + 7 + 7 + 7 + 7 =	
d	6 + 6 =	
e	3 + 3 + 3 + 3 =	

Term 2 Lesson 13
Kotara ya 2 Thuto ya 13

The 1 times table
Tafola ya katišo ya 1

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Write the number sentences with answers:
Ngwala mafokopalo le dikarabo:

		Number sentence Lefokopalo
a	9 groups of 1 Dihlopha tše 9 tša 1	
b	7 groups of 4 Dihlopha tše 7 tša 4	
c	5 groups of 1 Dihlopha tše 5 tša 1	
d	6 groups of 3 Dihlopha tše 6 tša 3	
e	1 group of 1 Sehlopha se 1 sa 1	

2 Calculate:

Balela:

a $4 \times 1 =$ _____

b $2 \times 8 =$ _____

c $8 \times 1 =$ _____

d $3 \times 7 =$ _____

e $4 \times 6 =$ _____

f $5 \times 8 =$ _____

g $6 \times 7 =$ _____

h $8 \times 8 =$ _____

3 Write the number sentences with answers:

Ngwala mafokopalo le dikarabo:

	Repeated addition Tlhakantšhapoeletšo	Number sentence Lefokopalo
a	$4 + 4 + 4 + 4 =$	
b	$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 =$	
c	$8 + 8 + 8 + 8 + 8 =$	
d	$3 + 3 + 3 + 3 + 3 + 3 + 3 =$	
e	$5 + 5 + 5 + 5 + 5 =$	

HOMEWORK MOŠOMO WA GAE

Write the number sentences with answers:
Ngwala mafokopalo le dikarabo:

		Number sentence Lefokopalo
a	3 groups of 1 Dihlopha tše 3 tša 1	
b	4 groups of 6 Dihlopha tše 4 tša 6	
c	8 groups of 1 Dihlopha tše 8 tša 1	
d	2 groups of 7 Dihlopha tše 2 tša 7	
e	5 groups of 1 Dihlopha tše 5 tša 1	

Term 2 Lesson 14
Kotara ya 2 Thuto ya 14
Doubling and repeated addition
Go pedifatša le tlhakantšhapoeletšo

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Calculate by doubling:
Balela ka go pedifatša:

	Multiple Katišanetšwa	Double Pedifatša	Answer Karabo
a	2 × 50	50 + 50 =	100
b	2 × 15		
c	2 × 35		
d	2 × 10		
e	2 × 45		
f	2 × 25		
g	2 × 30		
h	2 × 40		

2 Calculate by doubling:

Balela ka go pedifatša:

	Multiple Katišanetšwa	Double Pedifatša	Add Hlakantšha	Answer Karabo
a	2 × 51	50 + 1 + 50 + 1	100 + 2	102
b	2 × 46			
c	2 × 31			
d	2 × 16			
e	2 × 17			
f	2 × 26			
g	2 × 41			
h	2 × 36			

3 Bongiwe had 20 balloons.
Her mom gave her 21 balloons.
How many balloons did she have altogether?

Tebogo o be a na le dipalone tše 20.
Mmagwe o mo file dipalone tše 21.
Na o be a na le dipalone tše kae ge di hlakana ka moka?

4 Nomsa had a bunch of 35 flowers.
She was given another bunch of 36 flowers.
How many flowers did she have altogether?

Nomsa o be a na le ngata ya maloba a 35.
O filwe ngata ye nngwe gape ya maloba a 36.
Na o be a na le maloba a makae ge a hlakana ka moka?

HOMEWORK MOŠOMO WA GAE

Nelisiwe has 41 pieces of string.
She cuts another 41 pieces of string.
How many pieces of string does she have now?

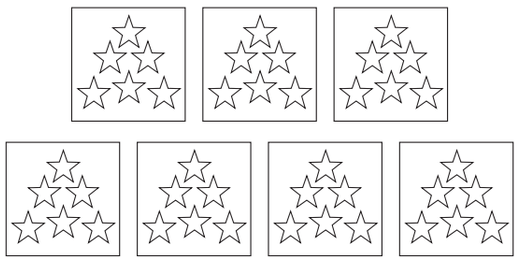
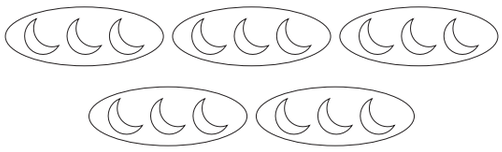
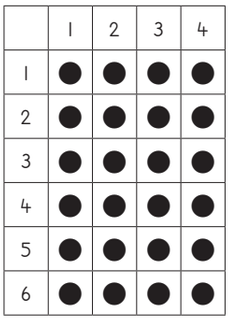
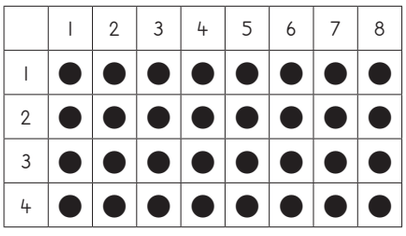
Nelisiwe o na le diripana tše 41 tša thapo.
O ripa diripana tše dingwe gape tša thapo tše 41.
Na o na le diripana tše kae tša thapo gabjale?

Term 2 Lesson 15
Kotara ya 2 Thuto ya 15

Consolidation
Teefatšo

1 Write the number sentences with answers:

Ngwala mafokopalo le dikarabo:

		Number sentence Lefokopalo
a.		
b.		
c.		
d.		

2 Write the number sentences with answers:

Ngwala mafokopalo le dikarabo:

	Repeated addition Tlhakantšhapoeletšo	Number sentence Lefokopalo
a	2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =	
b	5 + 5 + 5 + 5 =	
c	7 + 7 + 7 + 7 + 7 + 7 + 7 =	
d	4 + 4 + 4 + 4 + 4 =	
e	6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 =	

3 Write the number sentences with answers:

Ngwala mafokopalo le dikarabo:

		Number sentence Lefokopalo
a	3 groups of 4 Dihlopha tše 3 tša 4	
b	4 groups of 8 Dihlopha tše 4 tša 8	
c	9 groups of 9 Dihlopha tše 9 tša 9	
d	2 groups of 5 Dihlopha tše 2 tša 5	
e	6 groups of 7 Dihlopha tše 6 tša 7	

4 Calculate by doubling:

Balela ka go pedifatša:

	Multiple Katišanetšwa	Double Pedifatša	Add Hlakantšha	Answer Karabo
a	2 × 16	15 + 1 + 15 + 1	30 + 2	
b	2 × 41			
c	2 × 26			
d	2 × 52			
e	2 × 38			

Term 2 Lesson 16
Kotara ya 2 Thuto ya 16

Assessment
Kelo

Term 2 Lesson 17
Kotara ya 2 Thuto ya 17
Multiplication patterns
Dipaterone tša katišo

CLASSWORK MOŠOMO WA KA PHAPOŠING

Play the multiplication card game. Your teacher will explain the rules.
Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

1 Draw circles in an array to show the multiple:
Thala didiko ka tokologanyo go laetša katišanetšwa:

	Multiple Katišanetšwa	Array Tokologanyo		Multiple Katišanetšwa	Array Tokologanyo
a	4 × 5		b	5 × 4	
c	3 × 6		d	6 × 3	

Term 2 Lesson 18
Kotara ya 2 Thuto ya 18

Patterns in multiplication tables
Dipaterone ka ditafoleng tša katišo

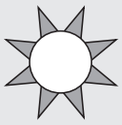
CLASSWORK MOŠOMO WA KA PHAPOŠING

Play the multiplication card game. Your teacher will explain the rules.
Raloka papadi ya karata ya katišo. Morutiši wa gago o tla hlaloša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

Write the number sentences for each of the covered numbers:
Ngwala mafokopalo a dipalo tšeo di khupeditšwego:

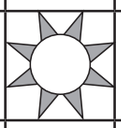
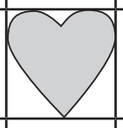
a _____

b  _____

c _____

d _____

e _____

	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6		12	15	18	21	24	27
4	4	8	12	16		24	28	32	36
5	5	10	15	20	25	30	35		45
6	6	12	18	24	30	36	42	48	56
7	7	14	21	28	35		49	56	63
8	8	16	24	32	40	48	56	64	72
9	9		27	36	45	54	63	72	81

Term 2 Lesson 19
Kotara ya 2 Thuto ya 19
Multiply by 10
Atiša ka 10

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Complete the table:

Feleletša tafola:

		Repeated addition Tlhakantšhapoeletšo	Number sentence Lefokopalo
a	5 groups of 2 Dihlopha tše 5 tša 2		
b	3 groups of 9 Dihlopha tše 3 tša 9		
c		6 + 6 + 6 + 6 + 6 + 6	
d	1 group of 10 Sehlopha se 1 sa 10		
e	8 groups of 4 Dihlopha tše 8 tša 4	4 + 4 + 4 + 4 + 4 + 4 + 4 + 4	
f		5 + 5 + 5 + 5	

		Repeated addition Tlhakantšhapoeletšo	Number sentence Lefokopalo
g		10 + 10 + 10 + 10 + 10 + 10 + 10	
h	5 groups of 7 Dihlopha tše 5 tša 7		

2 Solve the problems:

Rarolla marara:

a I have 3 R10 bank notes. How much money do I have altogether?

Ke na le 3 ya diR10 tša tšhelete ya dipampiri. Na ke na le bokae ge e hlakana ka moka?

_____ × _____ = R30

b I have 7 R10 notes. How much money do I have altogether?

Ke na le 7 ya diR10 tša tšhelete ya dipampiri. Na ke na le bokae ge e hlakana ka moka?

_____ × _____ = R70

HOMEWORK MOŠOMO WA GAE

Complete the table:

Feleletša tafola:

		Repeated addition Tlhakantšhapoeletšo	Number sentence Lefokopalo
a	3 groups of 10 Dihlopha tše 3 tša 10	10 + 10 + 10	
b	4 groups of 7 Dihlopha tše 4 tša 7		4 × 7 = 28
c		6 + 6 + 6	
d	10 groups of 4 Dihlopha tše 10 tša 4		
e		5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	

Term 2 Lesson 20
Kotara ya 2 Thuto ya 20

Consolidation
Teefatšo

1 Write the number sentences:

Ngwala mafokopalo:

	Repeated addition Tlhakantšhapoeletšo	Number sentence Lefokopalo
a	6 groups of 8 Dihlopha tše 6 tša 8	
b	4 groups of 2 Dihlopha tše 4 tša 2	
c	5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	
d	2 groups of 7 Dihlopha tše 2 tša 7	
e	3 + 3 + 3 + 3	
f	9 + 9 + 9	
g	9 groups of 8 Dihlopha tše 9 tša 8	

	Repeated addition Tlhakantšhapoeletšo	Number sentence Lefokopalo
h	10 groups of 6 Dihlopha tše 10 tša 6	
i	4 + 4 + 4 + 4 + 4 + 4 + 4	
j	10 + 10 + 10 + 10 + 10	
k	9 groups of 1 Dihlopha tše 9 tša 1	
l	8 groups of 2 Dihlopha tše 8 tša 2	
m	7 + 7 + 7 + 7 + 7 + 7	
n	6 + 6 + 6 + 6 + 6 + 6 + 6	
o	5 groups of 4 Dihlopha tše 5 tša 4	
p	7 groups of 9 Dihlopha tše 7 tša 9	

2 In pairs play 'SNAP' with the multiplication cards. Your teacher will explain the rules.

Ka diphere, ralokang papadi ya 'SNAP' ka dikarata tša katišo. Morutiši wa lena o tla hlaloša melao ya papadi.

Term 2 Lesson 21
Kotara ya 2 Thuto ya 21
Assessment
Kelo

Term 2 Lesson 22
Kotara ya 2 Thuto ya 22
Multiply by 0 and find the missing number
Atiša ka 0 o be o hwetše palo yeo e tlogetšwego

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Use your multiplication table to find the missing numbers:
Šomiša tafola ya gago ya katišo go hwetša palo yeo e tlogetšwego:

		Answer Karabo			Answer Karabo
a	$\square \times 3 = 18$		b	$5 \times \square = 35$	
c	$7 \times \square = 14$		d	$\square \times 6 = 18$	
e	$\square \times 9 = 36$		f	$4 \times \square = 32$	
g	$\square \times 4 = 20$		h	$3 \times \square = 27$	
i	$8 \times \square = 24$		j	$\square \times 6 = 42$	
k	$\square \times 5 = 15$		l	$\square \times 5 = 45$	
m	$2 \times \square = 18$		n	$8 \times \square = 64$	
o	$\square \times 7 = 28$		p	$2 \times \square = 12$	

2 Calculate:

Balela:

a $0 \times 5 =$ _____

b $4 \times 10 =$ _____

c $0 \times 3 =$ _____

d $10 \times 6 =$ _____

e $0 \times 10 =$ _____

f $8 \times 10 =$ _____

HOMEWORK MOŠOMO WA GAE

Calculate:

Balela:

a $0 \times 6 =$ _____

b $7 \times 10 =$ _____

c $0 \times 2 =$ _____

d $10 \times 5 =$ _____

e $10 \times 0 =$ _____

f $9 \times 10 =$ _____

Term 2 Lesson 23
Kotara ya 2 Thuto ya 23
More multiplication patterns
Dipaterone tše ntši tša katišo

CLASSWORK MOŠOMO WA KA PHAPOŠING

Use your multiplication table to find the missing numbers:
Šomiša tafola ya gago ya katišo go hwetša palo yeo e tlogetšwego:

		Answer Karabo			Answer Karabo
a	$\square \times 4 = 28$		b	$5 \times \square = 40$	
c	$2 \times \square = 18$		d	$\square \times 6 = 36$	
e	$\square \times 7 = 49$		f	$2 \times \square = 10$	
g	$\square \times 8 = 48$		h	$7 \times \square = 21$	
i	$9 \times \square = 45$		j	$\square \times 2 = 12$	
k	$\square \times 3 = 12$		l	$\square \times 6 = 54$	
m	$6 \times \square = 18$		n	$4 \times \square = 16$	
o	$\square \times 9 = 72$		p	$8 \times \square = 32$	

HOMEWORK MOŠOMO WA GAE

I have 3 bunches of flowers. In each bunch there are 3 pink flowers and 4 white flowers. How many flower s do I have altogether?	Ke na le dingata tše 3 tša maloba. Ngata ye nngwe le ye nngwe e na le maloba a 3 a mapinki le a 4 a mašweu. Na ke na le maloba a makae ge a hlakana ka moka?
Draw a diagram. Thala taekramo.	
Write the number sentences. Ngwala mafokopalo.	
Write the answer. Ngwala karabo.	

Term 2 Lesson 24
Kotara ya 2 Thuto ya 24

Assessment
Kelo

Term 2 Lesson 25
Kotara ya 2 Thuto ya 25
Consolidation
Teefatšo

1 Use your multiplication table to find the missing numbers:
Šomiša tafola ya gago ya katišo go hwetša dipalo tšeo di tlogetšwego:

		Answer Karabo			Answer Karabo
a	$\square \times 9 = 54$		b	$3 \times \square = 12$	
c	$\square \times 7 = 21$		d	$4 \times \square = 36$	

2 Draw an array diagram to show:
Thala taekramo ya tokologanyo go laetša:

		Array Tokologanyo
a	6×2	

		Array Tokologanyo
b	2×6	
c	7×4	
d	4×7	

3 Solve the problem:

Rarolla marara:

I have 4 bags of shapes. In each bag there are 2 triangles and 5 rectangles. How many shapes do I have altogether?	Ke na le mekotla ye 4 ya dibopego. Ka mokotleng wo mongwe le wo mongwe go na le dikhutlotharo tše 2 le dikhutlonne tše 5. Na ke na le dibopego tše kae ge di hlakana ka moka?
Draw a diagram. Thala taekramo.	
Write the number sentences. Ngwala mafokopalo.	
Write the answer. Ngwala karabo.	

Term 2 Lesson 26
Kotara ya 2 Thuto ya 26

Time
Nako

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Write these times as digital times:

Ngwala dinako tše ka nako ya sešupanako sa panyapanya.

a Half past seven.

Seripagare go tšwa go iri ya bošupa. _____

b Quarter past seven.

Kotara go tšwa go iri ya bošupa. _____

c Quarter to 4.

Kotara go ya go iri ya 4. _____

d Quarter past four.

Kotara go tšwa go iri ya bone. _____

e Half past 5.

Seripagare go tšwa go iri ya 5. _____

2 Write these times as analogue times:

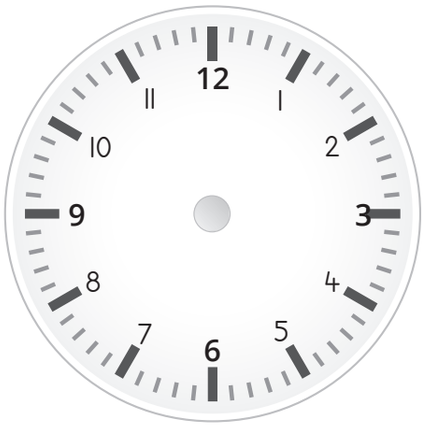
Ngwala dinako tše bjale ka dinako tša sešupanako sa manakana:

a 05:30 _____ **b** 02:00 _____

c 12:00 _____ **d** 07:00 _____

3 Show quarter past two on the clock:

Laetša nako ya kotara go tšwa go iri ya bobedi godimo ga sešupanako.



_____

a Write the time below the clock.

Ngwala nako ka tlase ga sešupanako.

b How many minutes is it before 3 o'clock?

Na go na le metsotso ye mekae pele ga iri ya 3? _____

c Where is the hour hand pointing?

Na lenakana la iri le šupile kae? _____

d Where is the minute hand pointing?

Na lenakana la motsotso le šupile kae? _____

HOMEWORK MOŠOMO WA GAE

1 Show on the clock faces below:

Laetša mo difahlegong tša sešupanako ka tlase:

a 10 o'clock

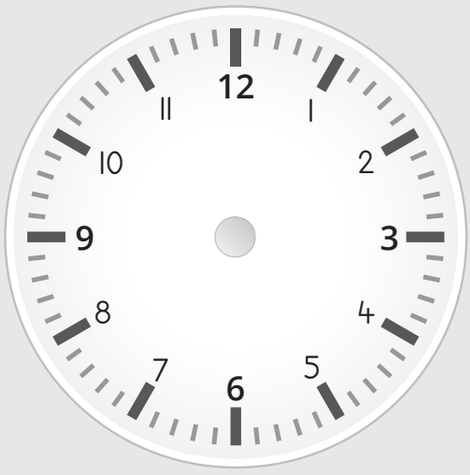
Iri ya 10

b 12 o'clock

Iri ya 12

c 5 o'clock

Iri ya 5



2 Write the times shown on these clocks:

Ngwala dinako tšeo di laeditšwego mo dišupanakong tše:

a

_____

b

_____

c

_____

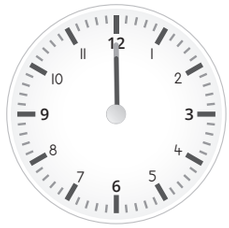
Term 2 Lesson 27

Kotara ya 2 Thuto ya 27

Measuring Time/Go ela Nako

Clock faces for classwork activity

Difahlego tša dišupanako; mošongwana wo o dirwa ka phapošing.

_____ o'clock/iri ya _____			
			
08:00	11:00	12:00	04:00
quarter past _____/kotara go tšwa _____			
04:15	09:15	12:15	10:15
quarter to _____/kotara go ya go iri ya _____			
01:45	02:45	09:45	10:45
half past _____/seripagare go tšwa go iri ya _____			
07:30	10:30	02:30	06:30

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 What is the time? Write the time in words.

Ke nako mang? Ngwala nako ka mantšu.

a

_____

b

_____

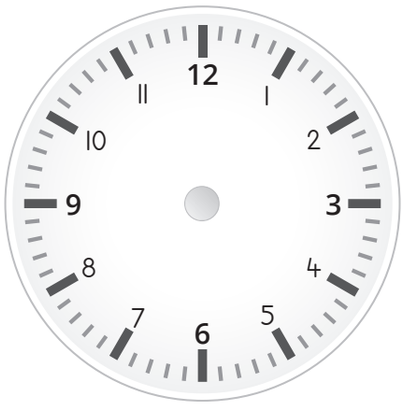
c

_____

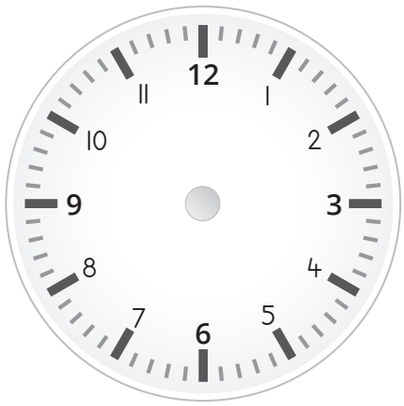
2 Show the times on the clock faces:

Laetša dinako mo difahlegong tša dišupanako:

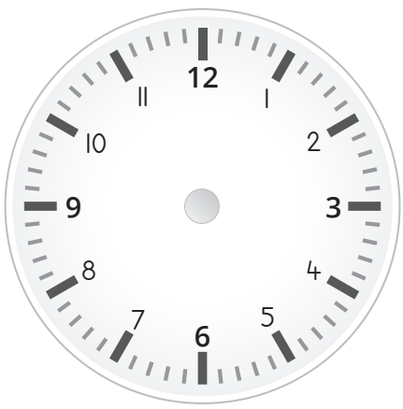
a Ten o'clock
Iri ya lesome



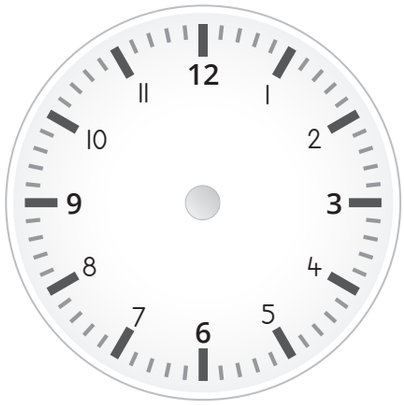
b Quarter to twelve
Kotara go ya go iri ya lesomepedi



c Nine minutes to one
Metsotso ye senyane go ya go iri ya pele



d 17:35



HOMEWORK MOŠOMO WA GAE

1 What is the time? Write the time in words.

Ke nako mang? Ngwala nako ka mantšu.

a

_____

b

_____

2 Show the times on the clock faces:

Laetša dinako mo difahlegong tša dišupanako:

a 9 minutes past 1
Metsotso ye senyane go tšwa go iri ya 1

b Quarter to three
Kotara go ya go iri ya boraro

c Four minutes past five
Metsotso ye mene go tšwa go iri ya bohlano

d 15 minutes to 5
Metsotso ye 17 go ya go iri ya 5

Term 2 Lesson 28
Kotara ya 2 Thuto ya 28

Time passed
Nako yeo e fetilego

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Write these times in digital time:

Ngwala dinako tše ka nako ya sešupanako sa panyapanya.

a Half past eight.

Seripagare go tšwa go iri ya seswai. _____

b Quarter to six.

Kotara go ya go iri ya botshelela. _____

c Quarter to 9.

Kotara go ya go iri ya 9. _____

d Quarter past 2.

Kotara go tšwa go iri ya bobedi. _____

e Half past four.

Seripagare go tšwa go iri ya bone. _____

2 Write these times in analogue time

Ngwala dinako tše ka nako ya sešupanako sa manakana:

a 05:15 _____

b 02:45 _____

c 12:15 _____

d 07:30 _____

3 How many minutes in one hour?

Na iri e tee e na le metsotso ye mekae? _____

4 How many hours in one day?

Na letšatši le tee le na le diiri tše kae? _____

5 How many days in one week?

Na beke e tee e na le matšatši a makae? _____

6 How many months in one year?

Na ngwaga o tee o na le dikgwedi tše kae? _____

7 Diksha leaves home at 7:15 and arrives at school at 8:00. How long did it take Diksha to get to school?

Dikiša o tloga gae ka 7:15, o fihla sekolong ka 8:00. Na Dikiša o tšere nako ye kaakang go fihla sekolong?

_____

HOMEWORK MOŠOMO WA GAE

a How many minutes in 2 hours?

Na diiri tše 2 di na le metsotso ye mekae? _____

b How many hours in 2 days?

Na matšatši a 2 a na le diiri tše kae? _____

c How many days in 2 weeks?

Na dibeke tše 2 di na le matšatši a makae? _____

d How many months in 2 years?

Na mengwaga ye 2 e na le dikgwedi tše kae? _____

Term 2 Lesson 29

Kotara ya 2 Thuto ya 29

Calendars/Ditšhupamabaka

January

Su	Mo	Tu	We	Th	Fr	Sa
			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	

February

Su	Mo	Tu	We	Th	Fr	Sa
						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	

March

Su	Mo	Tu	We	Th	Fr	Sa
						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					

April

Su	Mo	Tu	We	Th	Fr	Sa
		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			

May

Su	Mo	Tu	We	Th	Fr	Sa
				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

June

Su	Mo	Tu	We	Th	Fr	Sa
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					

July

Su	Mo	Tu	We	Th	Fr	Sa
		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		

August

Su	Mo	Tu	We	Th	Fr	Sa
					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	29
31						

September

Su	Mo	Tu	We	Th	Fr	Sa
	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				

October

Su	Mo	Tu	We	Th	Fr	Sa
			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	

November

Su	Mo	Tu	We	Th	Fr	Sa
						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					

December

Su	Mo	Tu	We	Th	Fr	Sa
	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			

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Colour the South African public and religious holidays on a 2020 calendar.

Khalara matšatši a Afrika Borwa a go ikhutša le a sedumedi mo go tšhupamabaka ya 2020.

South African public holidays calendar Tšhupamabaka ya matšatši a go ikhutša a Afrika Borwa	
New Year's Day Letšatši la Ngwaga wo Moswa	Tuesday 1 January Labobedi 1 Pherekgong
Human Rights Day Letšatši la Ditokelo tša Botho	Thursday 21 March Labone 21 Mopitlo
Good Friday Paseka	Friday 19 April Labohlano 19 Moranang
Family Day Letšatši la Lapa	Monday 22 April Mošupologo 22 Moranang
Freedom Day Letšatši la Tokologo	Saturday 27 April Mokibelo 27 Moranang
Workers' Day Letšatši la Bašomi	Wednesday 1 May Laboraro 1 Mosegamanye
Youth Day Letšatši la Baswa	Sunday 16 June Sontaga 16 Ngwatobošego
Women's Day Letšatši la Basadi	Friday 9 August Labohlano 9 Phato
Heritage Day Letšatši la Bohwa	Tuesday 24 September Labobedi 24 Lewedi
Day of Reconciliation Letšatši la Poelano	Monday 16 December Mošupologo 16 Manthole
Christmas Day Letšatši la Matswalo a Morena	Wednesday 25 December Laboraro 25 Manthole
Day of Goodwill Letšatši la Kgaugelo	Thursday 26 December Labone 26 Manthole

2 Colour the block of your favourite month in yellow.

Khalara ploko ya kgwedi ya gago ya mmamoratwa ka mmala wa serolane.

3 How long is it between New Year's Day and Freedom Day?

Na ke lebaka le lekaakang magareng ga Letšatši la Ngwaga wo Moswa le Letšatši la Tokologo?

_____

4 How long is it between Youth Day and Heritage Day?

Na ke lebaka le lekaakang magareng ga Letšatši la Baswa le Letšatši la Bohwa?

_____

HOMEWORK MOŠOMO WA GAE

1 Colour your family members' birthdays on the calendar you used for your classwork.

Khalara matšatši a matswalo a maloko a lapa la geno mo go tšhupamabaka yeo o e šomišitšego go mošomo wa phapošing.

2 How many months of the year have no family birthdays? Name them.

Na ke dikgwedi tše kae tša ngwaga tšeo di se nago matšatši a matswalo a maloko a lapa la geno?

_____

3 How long is it between your birthday and another person in your family's birthday?

Na ke lebaka le lekaakang magareng ga letšatši la gago la matswalo le la motho yo mongwe mo go matšatši a matswalo a maloko a lapa la geno?

_____

Term 2 Lesson 30
Kotara ya 2 Thuto ya 30

Consolidation
Teefatšo

1 What is the time?

Ke nako mang?

a

_____

b

_____

c

_____

d

_____

2 Write as on a digital clock.

Ngwala go swana le mo go sešupanako sa panyapanya.

a Quarter past two.

Kotara go tšwa go iri ya bobedi. _____

b Quarter to nine.

Kotara go ya go iri ya senyane. _____

c Half past nine.

Seripagare go tšwa go iri ya senyane. _____

d Seven o' clock.

Iri ya bošupa. _____

3 I left my home at seven this morning and arrived back from school at three o' clock. For how many hours did I leave my home?

Ke tlogile gae ka iri ya bošupa mesong ya lehono, ka boa go tšwa sekolong ka iri ya boraro. Na ke tlogile gae diiri tše kae?

_____

4 Look at the calendar for this month.

Lebelela tšhupamabaka ya kgwedi yona ye.

a What month is it?

Na ke kgwedi efe? _____

b How many Thursdays are there in this month?

Na mo kgweding ye letšatši la Labone le tšwelela gakae? _____

c What is the date one week before the sixteenth of this month?

Na ke letšatšikgwedi lefe la beke e tee pele ga letšatšikgwedi la bolesometshela la kgwedi yona ye?

_____

d On what day is the last day of this month?

Na letšatši la mafelelo la kgwedi ye ke lefe? _____

e What will the date be one week after the twenty eighth of this month?

Na letšatšikgwedi e tla ba lefe la beke e tee ka morago ga letšatšikgwedi la bomasomepedi-seswai la kgwedi yona ye?

_____

Term 2 Lesson 31
Kotara ya 2 Thuto ya 31

Assessment
Kelo

Term 2 Lesson 32
Kotara ya 2 Thuto ya 32

Circles
Didiko

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Draw 3 different sized circles in the table below.

Thala didiko tše 3 tša bogolo bja go fapafapana ka gare ga tafola ya ka tlase.

Small circle Sediko se sennyane	Bigger circle Sediko se segolo kudu	Biggest circle Sediko se segologolo

2 Draw circles in different positions in the table below.

Thala didiko boemong bja go fapafapana ka gare ga tafola ya ka tlase.

Circle at the top Sediko se le godimo	Circle in the middle Sediko se le gare	Circle at the bottom Sediko se le tlase

3 Use 6 circles to create a picture.
Šomiša didiko tše 6 go hlama seswantšho.

HOMEWORK MOŠOMO WA GAE

Find and draw 3 objects that are circular in your home.
Hwetša o be o thale dilo tše 3 tša go dikologa ka gae ga geno.

Term 2 Lesson 33
Kotara ya 2 Thuto ya 33

Triangles
Dikhutlotharo

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Use 2 square pieces of paper. Fold each one twice to make a square and a triangle.

Šomiša ditsekana tše 2 tša pampiri ya sekwere. Phutha setsekana se sengwe le se sengwe gabedi go dira sekwere le khutlotharao.

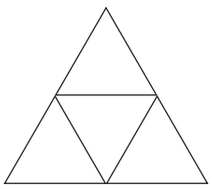
2 Stick them in your maths book and label them.

Di kgomaretše ka pukung ya gago ya maths o be o di ngwale maina.

3 Work in pairs. How many shapes do you see? Count very carefully.

Šomang ka diphere. Na o bona dibopego tše kae? Balela ka šedi ye kgolwane.

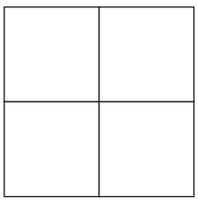
a



There are _____ triangles.

Go na le dikhutlotharo tše _____.

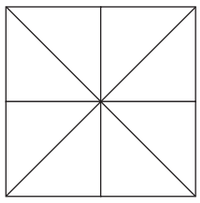
b



There are _____ squares.

Go na le dikwere tše _____.

c



There are _____ squares, _____ triangles and _____ rectangles.

Go na le dikwere tše ___, dikhutlotharo tše ___ le dikhutlonnethwi tše ___.

2 Draw five triangles. They must all look different.

Thala dikhutlotharo tše hlano. Di swanetše di bonagale di sa swane ka moka.

3 Find and cut triangles of different sizes from a magazine or newspaper. Stick them into your book, in different positions.

Hwetša o be o ripe dikhutlotharo tša bogolo bja go fapafapana go tšwa makasineng goba kuranteng. Di kgomaretše ka pukung ya gago, boemong bja go fapafapana.

a How many sides does each triangle have?

Na khutlotharo ye nngwe le ye nngwe e na le mahlakore a makae? _____

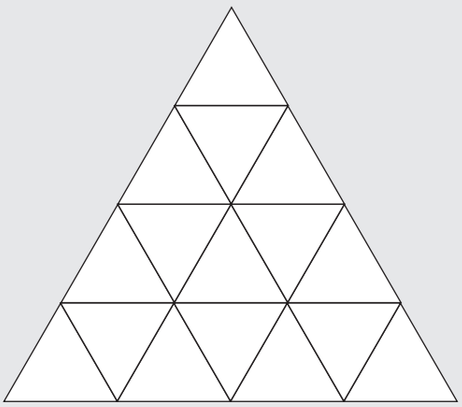
b Are the sides straight or round?

Na mahlakore ao ke a thwi goba a nkgokolo? _____

HOMEWORK MOŠOMO WA GAE

How many triangles are there in this picture?

Na go na le dikhutlotharo tše kae mo seswantšhong se? _____



Term 2 Lesson 34
Kotara ya 2 Thuto ya 34

Squares
Dikwere

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Draw a square. Draw three more, but all should look different.
Thala sekwere. Thala tše dingwe gape tše tharo efela di se ke tša swana.

2 Draw a picture that is made up of 8 different sized squares.
Thala seswantšho seo se nago le dikwere tše 8 tša bogolo bja go fapafapana.

3 Draw three squares:

Thala dikwere tše tharo:

a A square with 4 cm sides.

Sekwere sa go ba le mahlakore a disentimetara tše 4.

b A square with 7 cm sides.

Sekwere sa go ba le mahlakore a disentimetara tše 7.

c A square with 10 cm sides.
Sekwere sa go ba le mahlakore a disentimetara tše 10.

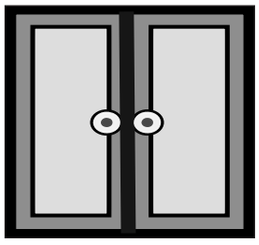
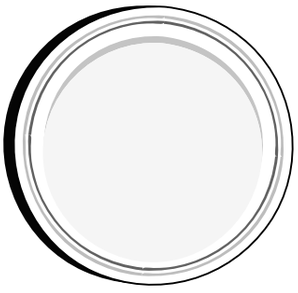
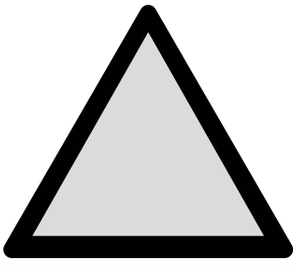
HOMEWORK MOŠOMO WA GAE

Find and draw 3 objects that are square in your home.
Hwetša o be o thale dilo tše 3 tša dikwere ka gae ga geno.

Term 2 Lesson 35
Kotara ya 2 Thuto ya 35
Consolidation
Teefatšo

1 Complete the table:

Feleletša tafola:

	Object Selo	Drawing of shape Sethalwa sa sebopego	Name of shape Leina la sebopego
a			
b			
c			

2 Draw a car using triangles, circles and squares.
Thala koloi o šomiša dikhutlotharo, didiko le dikwere.

Term 2 Lesson 36
Kotara ya 2 Thuto ya 36

Rectangles
Dikhutlonnethwi

CLASSWORK MOŠOMO WA KA PHAPOŠING

Draw the following:

Thala tše di latelago:

1 A rectangle 5 cm wide and 7 cm long in the middle of your page.

Khutlonnethwi ya bophara bja disentimetara tše 5 le botelele bja disentimetara tše 7 gare ga letlakala la gago.

2 Draw a triangle on the left of the rectangle.

Thala khutlotharo ka lehlakoreng la nngele la khutlonnethwi.

3 Draw a 4 cm square on the right of the rectangle.

Thala sekwere sa disentimetara tše 4 ka lehlakoreng la go ja la khutlonnethwi.

4 Draw circle below the rectangle.

Thala sediko ka tlase ga khutlonnethwi.

HOMEWORK MOŠOMO WA GAE

Draw a picture of a person using rectangles, squares, circles and triangles.

Thala seswantšho sa motho a šomiša dikhutlonnethwii, dikwere, didiko le dikhutlotharo.

Term 2 Lesson 37
Kotara ya 2 Thuto ya 37

Assessment
Kelo

Term 2 Lesson 38

Kotara ya 2 Thuto ya 38

Sort and Compare 2-D shapes

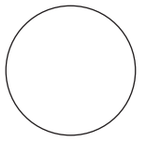
Beakanya le go bapetša dibopego tša mahlakore-pedi (2-D)

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Say if the following shapes have round or straight sides:

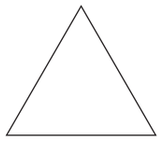
Bolela ge eba dibopego tše di latelago di na le mahlakore a nkgokolo goba a thwi:

a



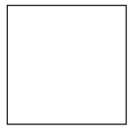
_____

b



_____

c



_____

2 Draw three shapes in each block below:

Thala dibopego tše tharo ka plokong ye nngwe le ye nngwe:

Shapes with straight sides Dibopego tša mahlakore a thwi	Shapes with round sides Dibopego tša mahlakore a nkgokolo	Shapes with straight and round sides Dibopego tša mahlakore a thwi le a nkgokolo

HOMEWORK MOŠOMO WA GAE

Draw a picture of a house. Use circles, squares, rectangles and triangles.

Thala seswantšho sa ntlo. Šomiša didiko, dikwere, dikhutlonnethwi le dikhutlotharo.

Term 2 Lesson 39
Kotara ya 2 Thuto ya 39
Consolidation of 2-D shapes
Teefatšo ya dibopego tša mahlakore-pedi

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Draw a triangle. Draw three more triangles, but in different positions.

Thala khutlotharo. Thala dikhutlotharo tše dingwe gape tše tharo efela di be boemong bja go fapafapana.

2 Are the sides of the triangle round or straight?

Na mahlakore a khutlotharo ke a nkgokolo goba a thwi? _____

3 Draw a rectangle. Draw three more rectangles, but in different positions.

Thala khutlonnethwi. Thala dikhutlonnethwi tše dingwe gape tše tharo efela di be boemong bja go fapafapana.

4 Are the sides of the rectangle round or straight?

Na mahlakore a khutlonnethwi ke a nkgokolo goba a thwi? _____

5 Draw three circles of different size.

Thala didiko tše tharo tša bogolo bja go fapafapana.

6 Are the sides of the circle round or straight?

Na mahlakore a didiko ke a nkgokolo goba a thwi? _____

7 Find and cut out squares of different sizes from a magazine. Stick them in your book, all in different positions.

Hwetša o be o ripe dikwere tša bogolo bja go fapafapana go tšwa makasineng. Di kgomaretše ka pukung ya gago, ka moka di be boemong bja go fapafapana.

a How many sides does each one have?

Na se sengwe le se sengwe se na le mahlakore a makae?_____

b Are they straight or round?

Na ke a thwi goba a nkgokolo? _____

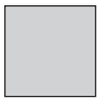
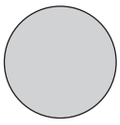
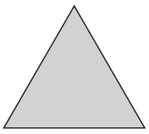
HOMEWORK MOŠOMO WA GAE

Draw a picture of a tree. You may use shapes with straight sides and round sides.

Thala seswantšho sa mohlare. O ka šomiša dibopego tša mahlakore a thwi goba tša mahlakore a nkgokolo.

Term 2 Lesson 40
Kotara ya 2 Thuto ya 40
Consolidation
Teefatšo

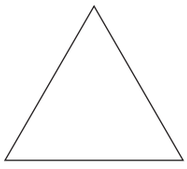
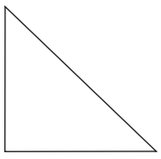
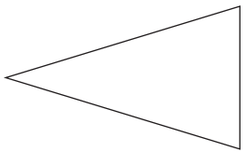
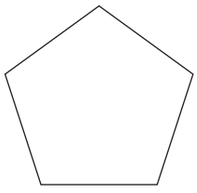
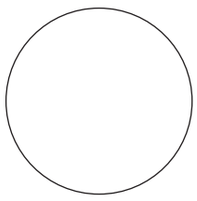
Complete the following table:
Feleletša tafola ye e latelago:

Shape Sebopego	Different size Bogolo bja go fapafapana	Different position Boemo bja go fapafapana	Different colour Mmala wa go fapafapana
			
			
			

Term 2 Lesson 41
Kotara ya 2 Thuto ya 41
Symmetry Part 1
Dilo tša go lekanela Karolo ya 1

CLASSWORK MOŠOMO WA KA PHAPOŠING

Complete the table:
Feleletša tafola:

Shape Sebopego	Lines of symmetry Methaladi ya go ripa gare ka go lekana	
	We predict Re a naganela	We found Seo re se hweditšego
		
		
		
		
		

HOMEWORK MOŠOMO WA GAE

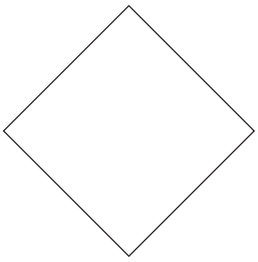
1 Draw a square.
Thala sekwere.

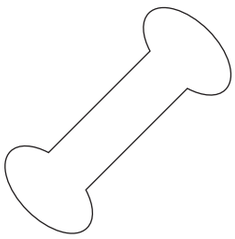
2 Draw a design inside the square so that the square is still symmetrical.
Thala sehlangwa ka gare ga sekwere gore sekwere seo se šale se sa lekanetše.

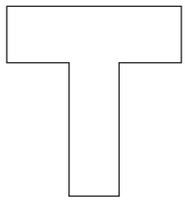
Term 2 Lesson 42
Kotara ya 2 Thuto ya 42
Symmetry Part 2
Dilo tša go lekanela Karolo ya 2

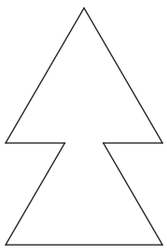
CLASSWORK MOŠOMO WA KA PHAPOŠING

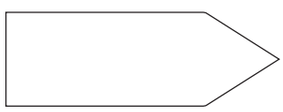
Draw the lines of symmetry into the following shapes:
Thala methaladi ya go ripa gare ka go lekana mo go dibopego tše di latelago:

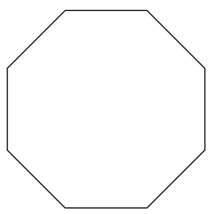
a 

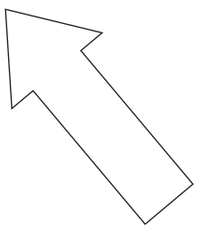
b 

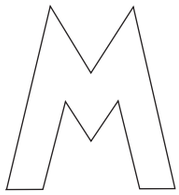
c 

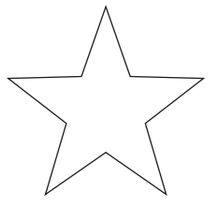
d 

e 

f 

g 

h 

i 

HOMEWORK MOŠOMO WA GAE

1 Draw a symmetrical pattern in this grid.

Thala patrone ya go lekanela ka gare ga kriti ye:

2 How many lines of symmetry in your pattern?

Na ke methaladi ye mekae ya go ripagare ka go lekana mo patroneng ya gago?

_____

Term 2 Lesson 43
Kotara ya 2 Thuto ya 43

Assessment
Kelo

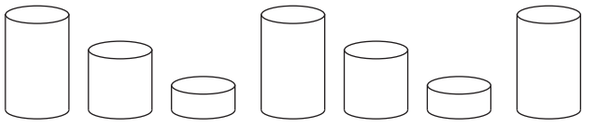
Term 2 Lesson 44
Kotara ya 2 Thuto ya 44

Geometric patterns
Dipatrone tša tšeometriki

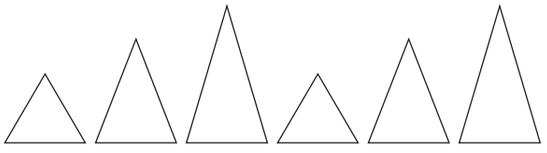
CLASSWORK MOŠOMO WA KA PHAPOŠING

Copy and extend these patterns.
Kopolla o be o katološe dipatrone tše.

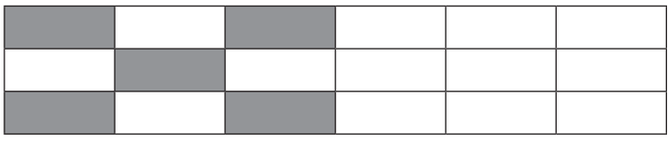
1



2



3



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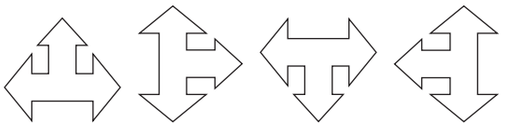


HOMEWORK MOŠOMO WA GAE

1 Find 3 different objects (2 of each) in your kitchen, like glasses, plates and bowls.

Hwetša dilo tše 3 tša go fapafapana (e be tše 2 se sengwe le se sengwe) ka moraleng wa geno, go swana le digalase, dibjana tša go jela goba tša go rwala dijo.

2 Use your objects to make a pattern.

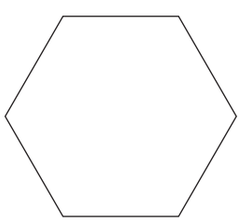
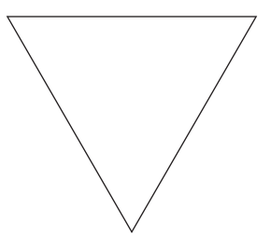
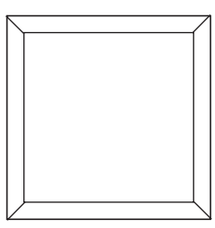
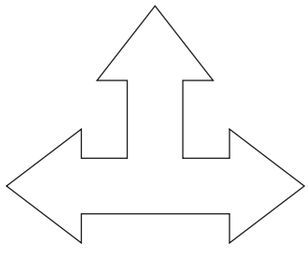
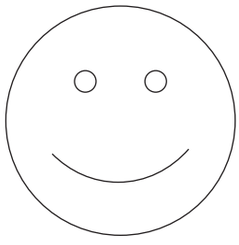
Šomiša dilo tšeo o di hweditšego go dira patrone.

3 Draw and extend your pattern in your book.

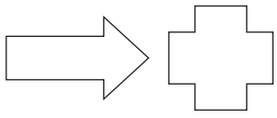
Thala o be o katološe patrone ya gago ka pukung ya gago.

Term 2 Lesson 45
Kotara ya 2 Thuto ya 45
Consolidation
Teefatšo

1 Draw in lines of symmetry in the following shapes:
Thala methaladi ya go ripa gare ka go lekana mo go dibopego tše di latelago:

2 Copy and extend the following geometric patterns.
Kopolla o be o katološe dipatrone tše di latelago tša tšeometriki.

a  _____ _____ _____ _____

b _____ _____ _____ _____ _____ _____

Term 2 Lesson 46
Kotara ya 2 Thuto ya 46
Geometric patterns around us
Dipatrone tša tšeometriki tšeo di re dikologilego

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Draw the pattern that your group made with the cups.
Thala patrone yeo e dirilwego ke sehlopha sa gago ka dikomiki.

2 Describe the pattern.
Hlaloša patrone.

3 Draw the pattern that your group made with the spoons.
Thala patrone yeo e dirilwego ke sehlopha sa gago ka malepola.

4 Describe your pattern.
Hlaloša patrone.

5 Design your own pattern, using triangles.
Hlama patrone ya gago o šomiša dikhutlotharo.

6 Describe the pattern.
Hlaloša patrone.

HOMEWORK MOŠOMO WA GAE

Design a colourful and beautiful pattern.
Hlama patrone ya mebalabala, ye botse.

a You may use any shapes and colours.
O ka šomiša dibopego le mebala ye mengwe le ye mengwe.

b Remember to extend the pattern you started with.
Gopola go katološa patrone yeo o thomilego ka yona.

c You may use more than one pattern in your design.
O ka šomiša patrone ya go feta e tee sehlangweng sa gago.

Term 2 Lesson 47
Kotara ya 2 Thuto ya 47
Creating geometric patterns
Bopa dipatrone tša tšeometriki

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Draw a geometric pattern and describe your pattern:
Thala patrone ya tšeometriki o be o e hlaloše:

a Use triangles.
Šomiša dikhutlotharo.

b Use squares.
Šomiša dikwere.

c Use circles.
Šomiša didiko.

2 Draw a geometric pattern using triangles, squares and circles.
Thala patrone ya tšeometriki o šomiša dikhutlotharo, dikwere le didiko.

3 Describe your pattern.
Hlaloša patrone ya gago.

HOMEWORK MOŠOMO WA GAE

1 Draw a geometric pattern and describe it.
Thala patrone ya tšeometriki o be o e hlaloše.

a Use rectangles.
Šomiša dikhutlonnethwi.

b Use triangles and circles.
Šomiša dikhutlotharo le didiko.

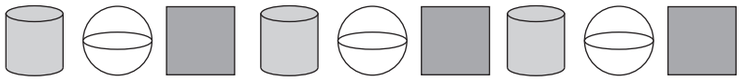
Term 2 Lesson 48
Kotara ya 2 Thuto ya 48

Exploring geometric patterns
Go tsebišiša ka dipatrone tša tšeometriki

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Extend the patterns:

Katološa dipatrone:

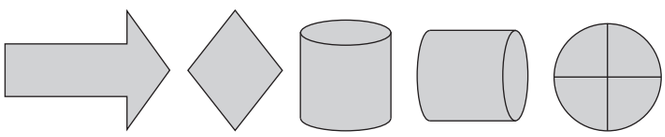
a  ____ ____ ____

b ____ ____ ____

c ____ ____

2 Use any of these shapes to make two different patterns. Describe your patterns.

Šomiša se sengwe le se sengwe sa dibopego tše go dira dipatrone tše pedi tša go fapafapana. Hlaloša dipatrone tša gago.



You don't have to use all the shapes in your two patterns.
Ga go hlokege go šomiša dibopego ka moka dipatroneng tša gago tše pedi.

Pattern 1:
Patrone ya 1:

Pattern 2:
Patrone ya 2:

HOMEWORK MOŠOMO WA GAE

1 Design and draw your own pattern using circles, squares and triangles.
Hlama o be o thale patrone ya gago o šomiša didiko, dikwere le dikhutlotharo.

2 Describe the pattern.
Hlaloša patrone.

Term 2 Lesson 49
Kotara ya 2 Thuto ya 49
Assessment
Kelo

Term 2 Lesson 50
Kotara ya 2 Thuto ya 50
Consolidation
Teefatšo

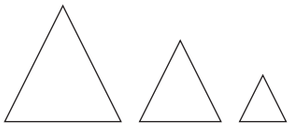
1 Extend the following pattern:

Katološa patrone ye e latelago:

_____ _____ _____ _____

2 Describe this pattern.

Hlaloša patrone ye.



3 Create a pattern using circles that increase in size

Bopa patrone o šomiša didiko tšeo di oketšago ka bogolo.

4 Create a pattern with 3 squares. The squares should decrease in size.

Bopa patrone ya dikwere tše 3. Dikwere di swanetše go fokotšega ka bogolo.

Multiplication table (lesson 1 and other)
Tafola ya go atiša (thuto ya 1 le tše dingwe)

	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

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

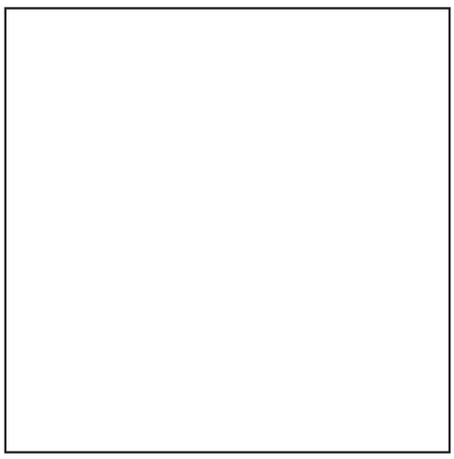
4 × 1	5 × 1	6 × 1
4 × 2	5 × 2	6 × 2
4 × 3	5 × 3	6 × 3
4 × 4	5 × 4	6 × 4
4 × 5	5 × 5	6 × 5
4 × 6	5 × 6	6 × 6
4 × 7	5 × 7	6 × 7
4 × 8	5 × 8	6 × 8
4 × 9	5 × 9	6 × 9

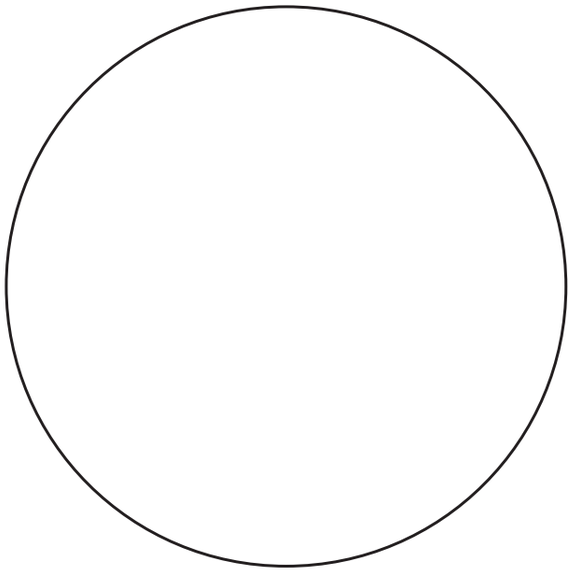
7 × 1	8 × 1	9 × 1
7 × 2	8 × 2	9 × 2
7 × 3	8 × 3	9 × 3
7 × 4	8 × 4	9 × 4
7 × 5	8 × 5	9 × 5
7 × 6	8 × 6	9 × 6
7 × 7	8 × 7	9 × 7
7 × 8	8 × 8	9 × 8
7 × 9	8 × 9	9 × 9

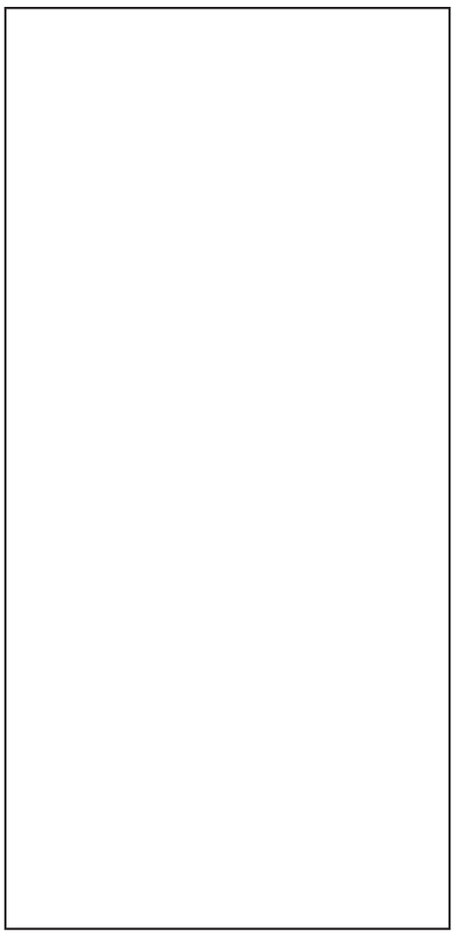
Array diagram (lesson 2 and other)
Taekramo ya tokologanyo (thuto ya 2 le tše dingwe)

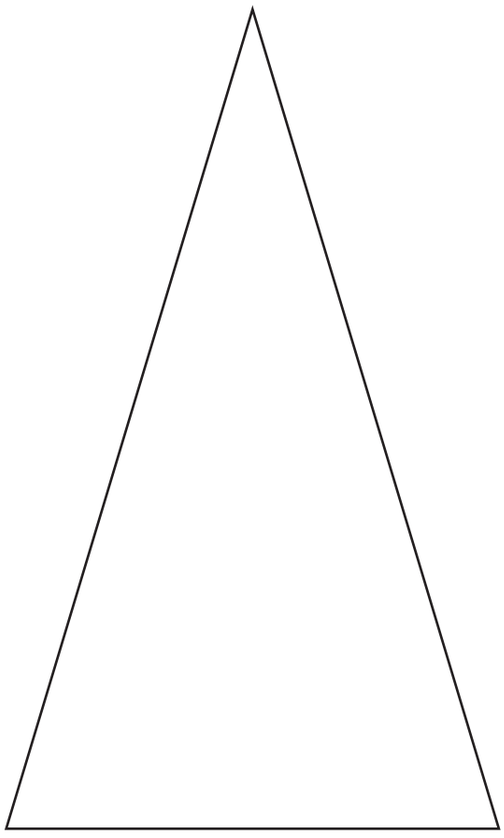
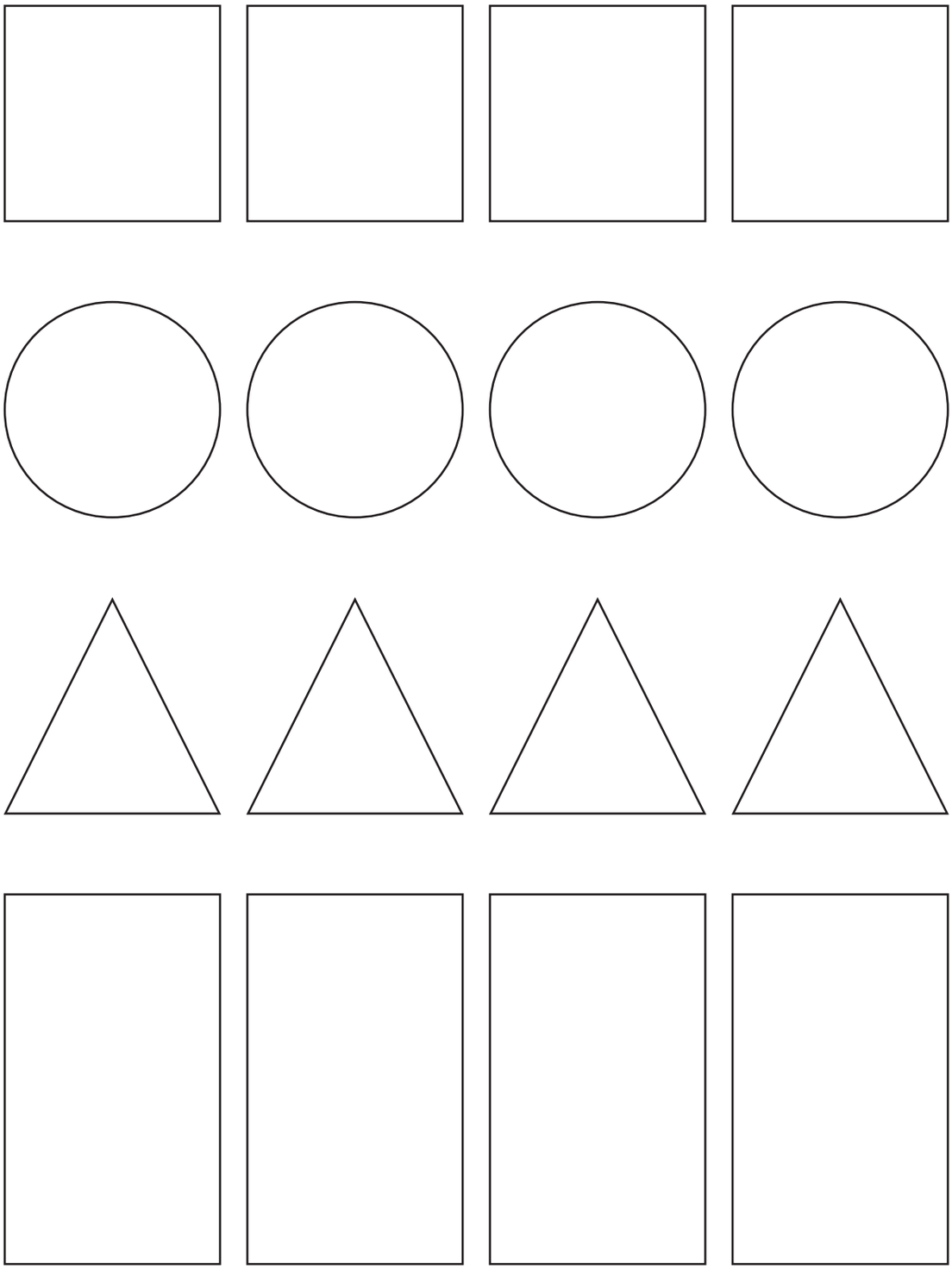
Array diagram for multiplication table										
	1	2	3	4	5	6	7	8	9	10
1	●	●	●	●	●	●	●	●	●	●
2	●	●	●	●	●	●	●	●	●	●
3	●	●	●	●	●	●	●	●	●	●
4	●	●	●	●	●	●	●	●	●	●
5	●	●	●	●	●	●	●	●	●	●
6	●	●	●	●	●	●	●	●	●	●
7	●	●	●	●	●	●	●	●	●	●
8	●	●	●	●	●	●	●	●	●	●
9	●	●	●	●	●	●	●	●	●	●
10	●	●	●	●	●	●	●	●	●	●

Shape cut outs (1) (lesson 38)
Diripa tša sebopego (1) (thuto ya 38)









Shape cut outs (2) (lesson 39, 44, 47)
Diripa tša sebopego (2) (thuto ya 39, 44, 47)