

MATHEMATICS
Grade 2
**English/
Sepedi**
Learner
Activity
Book
2019 TERM 3

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.

Contents

Kotara ya 3 Thuto ya 1 Tlhakantšhapoeletšo	1
Kotara ya 3 Thuto ya 2 Katišo (1)	4
Kotara ya 3 Thuto ya 3 Katišo (2)	6
Kotara ya 3 Thuto ya 4 Mafokopalo a go atiša (1)	8
Kotara ya 3 Thuto ya 5 Teefatšo	11
Kotara ya 3 Thuto ya 6 Kelo	13
Kotara ya 3 Thuto ya 7 Mafokopalo a go atiša (2)	14
Kotara ya 3 Thuto ya 8 Tafola ya katišo ya 5 (1)	16
Kotara ya 3 Thuto ya 9 Tafola ya katišo ya 5 (2)	19
Kotara ya 3 Thuto ya 10 Teefatšo	21
Kotara ya 3 Thuto ya 11 Tafola ya katišo ya 2 (1)	22
Kotara ya 3 Thuto ya 12 Tafola ya katišo ya 2 (2)	24
Kotara ya 3 Thuto ya 13 Kelo	26
Kotara ya 3 Thuto ya 14 Tafola ya katišo ya 3 (1)	27
Kotara ya 3 Thuto ya 15 Teefatšo	29
Kotara ya 3 Thuto ya 16 Tafola ya katišo ya 3 (2)	31
Kotara ya 3 Thuto ya 17 Tafola ya katišo ya 4 (1)	33
Kotara ya 3 Thuto ya 18 Tafola ya katišo ya 4 (2)	35
Kotara ya 3 Thuto ya 19 Kelo	37
Kotara ya 3 Thuto ya 20 Teefatšo	38
Kotara ya 3 Thuto ya 21 Katišo ka go šomiša ditokologanyo	42
Kotara ya 3 Thuto ya 22 Go hlama dikanegelo tša katišo	44
Kotara ya 3 Thuto ya 23 Mararantšu a katišo (1)	46
Kotara ya 3 Thuto ya 24 Mararantšu a katišo (2)	48
Kotara ya 3 Thuto ya 25 Teefatšo	49
Kotara ya 3 Thuto ya 26 Kelo	50
Kotara ya 3 Thuto ya 27 Palophatlo - Seripa	51
Kotara ya 3 Thuto ya 28 Palophatlo -Kotara	53
Kotara ya 3 Thuto ya 29 Palophatlo - Boseswai	54

Kotara ya 3 Thuto ya 30 Teefatšo	56
Kotara ya 3 Thuto ya 31 Kelo	58
Kotara ya 3 Thuto ya 32 Dibopego tša mahlakore-pedi (1)	59
Kotara ya 3 Thuto ya 33 Dibopego tša mahlakore-pedi (2)	62
Kotara ya 3 Thuto ya 34 Dibopego tša mahlakore-pedi (3)	65
Kotara ya 3 Thuto ya 35 Teefatšo	69
Kotara ya 3 Thuto ya 36 Dibopego tša mahlakore-pedi (4)	71
Kotara ya 3 Thuto ya 37 Go ripa gare ka go lekana (1)	74
Kotara ya 3 Thuto ya 38 Go ripa gare ka go lekana (2)	77
Kotara ya 3 Thuto ya 39 Kelo	80
Kotara ya 3 Thuto ya 40 Teefatšo	81
Kotara ya 3 Thuto ya 41 Go ripa gare ka go lekana (3)	83
Kotara ya 3 Thuto ya 42 Dipatrone tša tšeometriki (1)	86
Kotara ya 3 Thuto ya 43 Dipatrone tša tšeometriki (1)	88
Kotara ya 3 Thuto ya 44 Kelo	91
Kotara ya 3 Thuto ya 45 Teefatšo	92
Kotara ya 3 Thuto ya 46 Go hlaloša nako	93
Kotara ya 3 Thuto ya 47 Ditšhupamabaka	95
Kotara ya 3 Thuto ya 48 Nako yeo e fetilego	98
Kotara ya 3 Thuto ya 49 Kelo	100
Kotara ya 3 Thuto ya 50 Teefatšo	101

Term 3 Lesson 1

Kotara ya 3 Thuto ya 1

Repeated addition

Tlhakantšhapoletšo

CLASSWORK MOŠOMO WA KA PHAPOŠING

Complete the table.

Feleletša tafola.

	What is? Na ke eng?	Repeated Addition Tlhakantšhapoletšo	Answer Karabo
1	5 groups of 2 Dihlopha tše 5 tša 2	$2 + 2 + 2 + 2 + 2 =$	10
2	3 groups of 3 Dihlopha tše 3 tša 3	$3 + 3 + 3 =$	
3	6 groups of 4 Dihlopha tše 6 tša 4		
4	3 groups of 5 Dihlopha tše 3 tša 5		
5	10 groups of 2 Dihlopha tše 10 tša 2		

	What is? Na ke eng?	Repeated Addition Tlhakantšhapoletšo	Answer Karabo
6	7 groups of 3 Dihlopha tše 7 tša 3		
7	6 groups of 5 Dihlopha tše 6 tša 5		
8	8 groups of 4 Dihlopha tše 8 tša 4		
9	9 groups of 3 Dihlopha tše 9 tša 3		
10	10 groups of 5 Dihlopha tše 10 tša 5		

HOMEWORK MOŠOMO WA GAE

Complete the table.

Feleletša tafola.

	What is? Na ke eng?	Repeated Addition Tlhakantšhapoeletšo	Answer Karabo
1	6 groups of 2 Dihlopha tše 6 tša 2		
2	7 groups of 3 Dihlopha tše 7 tša 3		
3	5 groups of 4 Dihlopha tše 5 tša 4		

Term 3 Lesson 2

Kotara ya 3 Thuto ya 2

Multiplication (I)

Katišo (I)

CLASSWORK MOŠOMO WA KA PHAPOŠING

Complete the table. Write multiplication as repeated addition.

Feleletša tafola. Ngwala katišo bjale ka tlhakantšhapoeletšo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo
1	$3 \times 2 = 6$	$2 + 2 + 2 = 6$
2	$4 \times 2 = \underline{\quad}$	
3	$3 \times 3 = \underline{\quad}$	
4	$2 \times 5 = \underline{\quad}$	$5 + 5 = \underline{\quad}$
5	$5 \times 3 = \underline{\quad}$	
6	$6 \times 5 = \underline{\quad}$	
7	$9 \times 2 = \underline{\quad}$	
8	$5 \times 4 = \underline{\quad}$	$4 + 4 + 4 + 4 + 4 = \underline{\quad}$

HOMEWORK MOŠOMO WA GAE

Complete the table. Write multiplication as repeated addition.

Feleletša tafola. Ngwala katišo bjale ka tlhakantšhapoeletšo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo
1	$3 \times 5 = \underline{\quad}$	
2	$4 \times 3 = \underline{\quad}$	
3	$8 \times 2 = \underline{\quad}$	

Term 3 Lesson 3

Kotara ya 3 Thuto ya 3

Multiplication (2)

Katišo (2)

CLASSWORK MOŠOMO WA KA PHAPOŠING

Complete the table. Write multiplication as repeated addition.

Feleletša tafola. Ngwala katišo bjale ka tlhakantšhapoeletšo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo
1	$3 \times 3 = \underline{\quad}$	
2	$4 \times 3 = \underline{\quad}$	
3	$6 \times 2 = \underline{\quad}$	
4	$5 \times 5 = \underline{\quad}$	
5	$6 \times 4 = \underline{\quad}$	
6	$7 \times 2 = \underline{\quad}$	
7	$9 \times 3 = \underline{\quad}$	
8	$4 \times 4 = \underline{\quad}$	

HOMEWORK MOŠOMO WA GAE

Complete the table. Write multiplication as repeated addition.

Feletša tafola. Ngwala katišo bjale ka tlhakantšhapoeletšo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo
1	$3 \times 2 = \underline{\quad}$	
2	$4 \times 5 = \underline{\quad}$	
3	$8 \times 3 = \underline{\quad}$	

Term 3 Lesson 4

Kotara ya 3 Thuto ya 4

Multiplication number sentences (I)

Mafokopalo a go atiša (I)

CLASSWORK MOŠOMO WA KA PHAPOŠING

Complete the table.

Feleletša tafola.

	What is? Ke eng?	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo
1	3 groups of 5 Dihlopha tše 3 tša 5	$3 \times 5 = \underline{\quad}$	$5 + 5 + 5 = 15$
2	4 groups of 3 Dihlopha tše 4 tša 3		
3	6 groups of 2 Dihlopha tše 6 tša 2		
4	5 groups of 5 Dihlopha tše 5 tša 5		
5	6 groups of 4 Dihlopha tše 6 tša 4		
6	8 groups of 2 Dihlopha tše 8 tša 2		

	What is? Ke eng?	Multiplication Katišo	Repeated Addition Tlhakantšhapoletšo
7	9 groups of 3 Dihlopha tše 9 tša 3		
8	4 groups of 4 Dihlopha tše 4 tša 4		

HOMEWORK MOŠOMO WA GAE

Draw a diagram to calculate the answer.

Thala teakramo go balela karabo.

$$6 \times 3 = \underline{\quad}$$

Term 3 Lesson 5

Kotara ya 3 Thuto ya 5

Consolidation

Teefatšo

1 Complete the table.

Feleletša tafola.

	Groups Dihlopha	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo
a	5 groups of ____ Dihlopha tše 5 tša ____	$5 \times 5 =$ ____	
b	____ groups of 3 Dihlopha tše ____ tša 3	$8 \times 3 =$ ____	
c	7 groups of 4 Dihlopha tše 7 tša 4		

- 2 Draw a diagram to show 4 groups of 3 and write the multiplication number sentence.

Thala taekramo go laetša Dihlopha tše 4 tša 3 o be o ngwale le lefokopalo la go atiša.

$$4 \times 3 = \underline{\quad}$$

Term 3 Lesson 6

Kotara ya 3 Thuto ya 6

Assessment

Kelo

Term 3 Lesson 7

Kotara ya 3 Thuto ya 7

Multiplication number sentences (2)

Mafokopalo a go atiša (2)

CLASSWORK MOŠOMO WA KA PHAPOŠING

Draw a diagram to calculate the answer.

Thala taekramo go balela karabo.

<p>1 What is 4 times 5? 4 atiša ka 5 ke eng? _____</p>	<p>2 What is 3 times 4? 3 atiša ka 4 ke eng? _____</p>
<p>3 What is 6 times 3? 6 atiša ka 3 ke eng? _____</p>	<p>4 What is 8 times 2? 8 atiša ka 2 ke eng? _____</p>

5 What is 7 times 5?
7 atiša ka 5 ke eng? _____

6 What is 9 times 4?
9 atiša ka 4 ke eng? _____

HOMEWORK MOŠOMO WA GAE

Draw a diagram to calculate the answer.

Thala taekramo go balela karabo.

1 What is 5 times 3?
5 atiša ka 3 ke eng? _____

2 What is 7 times 2?
7 atiša ka 2 ke eng? _____

Term 3 Lesson 8

Kotara ya 3 Thuto ya 8

5 times table (I)

Tafola ya katišo ya 5 (I)

CLASSWORK MOŠOMO WA KA PHAPOŠING

The Grade 2 class is going to the zoo. Each car can take 5 children. How many children can go to the zoo each time?

Bana ba mphato wa 2 ba ya lešokeng la diphoofolo. Koi e tee e ka nametša bana ba 5. Na ke bana ba bakae bao ba ka kgonago go ya diphoofolong ka nako e tee.

Complete the table.

Feleletša tafola.

	Cars Dikoloi	Number sentence Lefokopalo	Answer Karabo
1	1 car Koi e 1	$1 \times 5 = 5$	5 children Bana ba ba 5
2	2 cars Dikoloi tše 2	$2 \times 5 = 10$	10 children Bana ba 10
3	3 cars Dikoloi tše 3		
4	4 cars Dikoloi tše 4		

	Cars Dikoloi	Number sentence Lefokopalo	Answer Karabo
5	5 cars Dikoloi tše 5		
6	6 cars Dikoloi tše 6		
7	7 cars Dikoloi tše 7		
8	8 cars Dikoloi tše 8		
9	9 cars Dikoloi tše 9		

HOMEWORK MOŠOMO WA GAE

Complete the number sequences counting in 5s:

Feleletša mafokopalo ka go bala ka di5:

1 0, 5, 10, _____, 20, _____, _____, 35, 40, _____, 50.

2 50, 45, _____, 35, 30, _____, 20, 15, _____, 5, 0.

Term 3 Lesson 9

Kotara ya 3 Thuto ya 9

5 times table (2)

Tafola ya katišo ya 5 (2)

What is the multiplication number sentence?

Na lefokopalo la go atiša ke eng?

	Repeated Addition Tlhakantšhapoeletšo	Multiplication Katišo
1	$5 + 5 =$	
2	$5 + 5 + 5 + 5 + 5 + 5 =$	
3	$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 =$	
4	$5 + 5 + 5 + 5 =$	
5	$5 + 5 + 5 + 5 + 5 =$	
6	$5 + 5 + 5 + 5 + 5 + 5 + 5 =$	
7	$5 + 5 + 5 =$	
8	$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 =$	
9	$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 =$	

CLASSWORK MOŠOMO WA KA PHAPOŠING

Complete the table. Write repeated addition as multiplication.

Feletša tafola ye. Ngwala tlhakantšhapoeletšo bjale ka katišo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo	Answer Karabo
1	6×5	$5 + 5 + 5 + 5 + 5 + 5$	
2	3×5		
3		$5 + 5$	
4	7×5		

HOMEWORK MOŠOMO WA GAE

Complete the table. Write repeated addition as multiplication.

Feletša tafola ye. Ngwala tlhakantšhapoeletšo bjale ka katišo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo	Answer Karabo
1	2×5	$5 + 5$	
2	5×5		
3		$5 + 5 + 5 + 5$	
4	8×5		

Term 3 Lesson 10

Kotara ya 3 Thuto ya 10

Consolidation

Teefatšo

- 1 Complete the table. Write repeated addition as multiplication.
Feleletša tafola ye. Ngwala tlhakantšhapoeletšo bjale ka katišo.

	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 Play the 5 times table card game. Your teacher will explain the rules.

Raloka dipapadi tša karata ya tafola ya katišo ya 5. Morutiši wa lena o tla le hlalošetša melao ya papadi.

Term 3 Lesson 11

Kotara ya 3 Thuto ya 11

2 times table (I)

Tafola ya katišo ya 2 (I)

CLASSWORK MOŠOMO WA KA PHAPOŠING

The Grade 2 class sits on benches. 2 children can sit on each bench. How many children each time?

Bana ba mphato wa 2 ba dutše godimo ga dipanka. Ba babedi ba kgona go dula pankeng e tee. Na ke bana ba bakae bao ba dulago ka nako e tee?

Complete the table.

Feleletša tafola.

	Benches Dipanka	Number sentence Lefokopalo	Answer Karabo
1	1 bench Panka e 1	$1 \times 2 = 2$	2 children Bana ba ba 2
2	2 benches Dipanka tše 2	$2 \times 2 = 4$	4 children Bana ba ba 4
3	3 benches Dipanka tše 3		
4	4 benches Dipanka tše 4		
5	5 benches Dipanka tše 5		
6	6 benches Dipanka tše 6		
7	7 benches Dipanka tše 7		

	Benches Dipanka	Number sentence Lefokopalo	Answer Karabo
8	8 benches Dipanka tše 8		
9	9 benches Dipanka tše 9		

HOMEWORK MOŠOMO WA GAE

If there are 6 children, how many feet are there altogether?

Ge go na le bana ba 6, na maoto a bona ke a makae ge a hlakana? _____

Draw a picture of the children showing the number of feet.

Thala seswantšho sa bana ba laetša palo ya maoto a bona.

Term 3 Lesson 12

Kotara ya 3 Thuto ya 12

2 times table (2)

Tafola ya katišo ya 2 (2)

What is the multiplication number sentence?

Na lefokopalo la katišo ke eng?

	Repeated Addition Tlhakantšhapoeletšo	Multiplication Katišo
1	$2 + 2 + 2 =$	
2	$2 + 2 + 2 + 2 + 2 =$	
3	$2 + 2 + 2 + 2 + 2 + 2 + 2 =$	
4	$2 + 2 + 2 + 2 =$	
5	$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =$	
6	$2 + 2 =$	
7	$2 + 2 + 2 + 2 + 2 + 2 =$	
8	$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =$	
9	$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =$	

CLASSWORK MOŠOMO WA KA PHAPOŠING

Complete the table. Write repeated addition as multiplication.

Feleletša tafola. Ngwala tlhakantšhapoeletšo bjale ka katišo.

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

HOMEWORK MOŠOMO WA GAE

Complete the table. Write repeated addition as multiplication.

Feleletša tafola. Ngwala tlhakantšhapoeletšo bjale ka katišo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo	Answer Karabo
1	4×2	$2 + 2 + 2 + 2$	
2	7×2		
3		$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2$	
4	10×2		

Term 3 Lesson 13

Kotara ya 3 Thuto ya 13

Assessment

Kelo

Term 3 Lesson 14

Kotara ya 3 Thuto ya 14

3 times table (I)

Tafola ya katišo ya 3 (I)

CLASSWORK MOŠOMO WA KA PHAPOŠING

The Grade 2 class sits in groups. There are 3 children in each group. How many children each time?

Phapoši ya mphato wa 2 e dutše ka dihlopha. Go na le bana ba ba 3 sehlopheng se sengwe le se sengwe. Na go na le bana ba bakae?

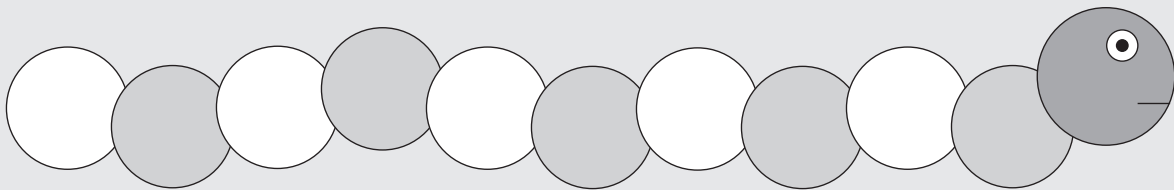
Complete the table.

Feleletša tafola.

	Groups Dihlopha	Number sentence Lefokopalo	Answer Karabo
1	1 group Sehlopha se 1	$1 \times 3 = 3$	3 children Bana ba ba 3
2	2 groups Dihlopha tše 2	$2 \times 3 = 6$	6 children Bana ba 6
3	3 groups Dihlopha tše 3		
4	4 groups Dihlopha tše 4		
5	5 groups Dihlopha tše 5		
6	6 groups Dihlopha tše 6		

	Groups Dihlopha	Number sentence Lefokopalo	Answer Karabo
7	7 groups Dihlopha tše 7		
8	8 groups Dihlopha tše 8		
9	9 groups Dihlopha tše 9		

HOMEWORK MOŠOMO WA GAE



Count in 3s starting from 0 and ending at 27.

Bala ka di3 o thome go 0 gomme o feleletše ga 27.

Write your numbers inside the circles of the worm's body.

Ngwala dipalo tša gago ka gare ga dinkgokolo tša mmele wa seboko.

Term 3 Lesson 15

Kotara ya 3 Thuto ya 15

Consolidation

Teefatšo

1 Complete the table. Write repeated addition as multiplication.

Feleletša tafola. Ngwala tlhakantšhapoeletšo bjale ka katišo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo	Answer Karabo
a	2×3	$3 + 3$	
b	3×2		
c		$2 + 2 + 2 + 2$	
d	5×3		
e		$3 + 3 + 3 + 3 + 3 + 3$	
f	7×2		
g		$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3$	24
h		$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2$	18

- 2 Arrange these numbers from the biggest to the smallest:

Beakanya dipalo tše go tloga go ye kgolokgolo go ya go ye nyanenyane.

21, 12, 18, 24, 15.

- 3 Play the 2 times table card game. Your teacher will explain the rules.

Raloka papadi ya karata ya katišo ya 2. Morutiši wa gago o tla go hlalošetša melao ya papadi.

Term 3 Lesson 16

Kotara ya 3 Thuto ya 16

3 times table (2)

Tafola ya katišo ya 3 (2)

What is the multiplication number sentence?

Na lefokopalo la katišo ke eng?

	Repeated Addition Tlhakantšhapoeletšo	Multiplication Katišo
1	$3 + 3 =$	
2	$3 + 3 + 3 + 3 + 3 + 3 =$	
3	$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 =$	
4	$3 + 3 + 3 + 3 =$	
5	$3 + 3 + 3 + 3 + 3 =$	
6	$3 + 3 + 3 + 3 + 3 + 3 + 3 =$	
7	$3 + 3 + 3 =$	
8	$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 =$	
9	$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 =$	

CLASSWORK MOŠOMO WA KA PHAPOŠING

Complete the table. Write repeated addition as multiplication.

Feleletša tafola. Ngwala tlhakantšhapoeletšo bjale ka katišo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo	Answer Karabo
1	3×3	$3 + 3 + 3$	
2	5×3		
3		$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3$	
4	10×3		

HOMEWORK MOŠOMO WA GAE

Complete the table. Write repeated addition as multiplication.

Feleletša tafola. Ngwala tlhakantšhapoeletšo bjale ka katišo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo	Answer Karabo
1	4×3	$3 + 3 + 3 + 3$	
2	6×3		
3		$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3$	
4	7×3		

Term 3 Lesson 17

Kotara ya 3 Thuto ya 17

4 times table (I)

Tafola ya katišo ya 4 (I)

CLASSWORK MOŠOMO WA KA PHAPOŠING

The Grade 2 class sits in groups. There are 4 children in each group. How many children each time?

Phapoši ya mphato wa 2 e dutše ka dihlopha. Go na le bana ba ba 4 sehlopheng se sengwe le se sengwe. Na go na le bana ba bakae?

Complete the table.

Feleletša tafola.

	Groups Dihlopha	Number sentence Lefokopalo	Answer Karabo
1	1 group Sehlopha se 1	$1 \times 4 = 4$	4 children Bana ba ba 4
2	2 groups Dihlopha tše 2	$2 \times 4 = 8$	8 children Bana ba 8
3	3 groups Dihlopha tše 3		
4	4 groups Dihlopha tše 4		
5	5 groups Dihlopha tše 5		
6	6 groups Dihlopha tše 6		

	Groups Dihlopha	Number sentence Lefokopalo	Answer Karabo
7	7 groups Dihlopha tše 7		
8	8 groups Dihlopha tše 8		
9	9 groups Dihlopha tše 9		

HOMEWORK MOŠOMO WA GAE

Complete the table. Write repeated addition as multiplication.

Feleletša tafola. Ngwala tlhakantšhapoeletšo bjale ka katišo.

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

Term 3 Lesson 18

Kotara ya 3 Thuto ya 18

4 times table (2)

Tafola ya katišo ya 4 (2)

What is the multiplication number sentence?

Na lefokopalo la katišo ke eng?

	Repeated Addition Tlhakantšhapoeletšo	Multiplication Katišo
1	$4 + 4 =$	
2	$4 + 4 + 4 + 4 + 4 + 4 =$	
3	$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 =$	
4	$4 + 4 + 4 + 4 =$	
5	$4 + 4 + 4 + 4 + 4 =$	
6	$4 + 4 + 4 + 4 + 4 + 4 + 4 =$	
7	$4 + 4 + 4 =$	
8	$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 =$	
9	$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 =$	

CLASSWORK MOŠOMO WA KA PHAPOŠING

Complete the table. Write repeated addition as multiplication.

Feleletša tafola. Ngwala tlhakantšhapoeletšo bjale ka katišo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo	Answer Karabo
1	4×4	$4 + 4 + 4 + 4$	
2	6×4		
3		$4 + 4 + 4 + 4 + 4$	
4	8×4		

HOMEWORK MOŠOMO WA GAE

Complete the table. Write repeated addition as multiplication.

Feleletša tafola. Ngwala tlhakantšhapoeletšo bjale ka katišo.

	Multiplication Katišo	Repeated Addition Tlhakantšhapoeletšo	Answer Karabo
1	3×4	$4 + 4 + 4$	
2	7×4		
3		$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4$ $+ 4$	
4	10×4		

Term 3 Lesson 19

Kotara ya 3 Thuto ya 19

Assessment

Kelo

Term 3 Lesson 20

Kotara ya 3 Thuto ya 20

Consolidation

Teefatšo

1 Complete the table.

Feletša tafola.

	1		3	4		6	7	8	9
$\times 4$		8			20				

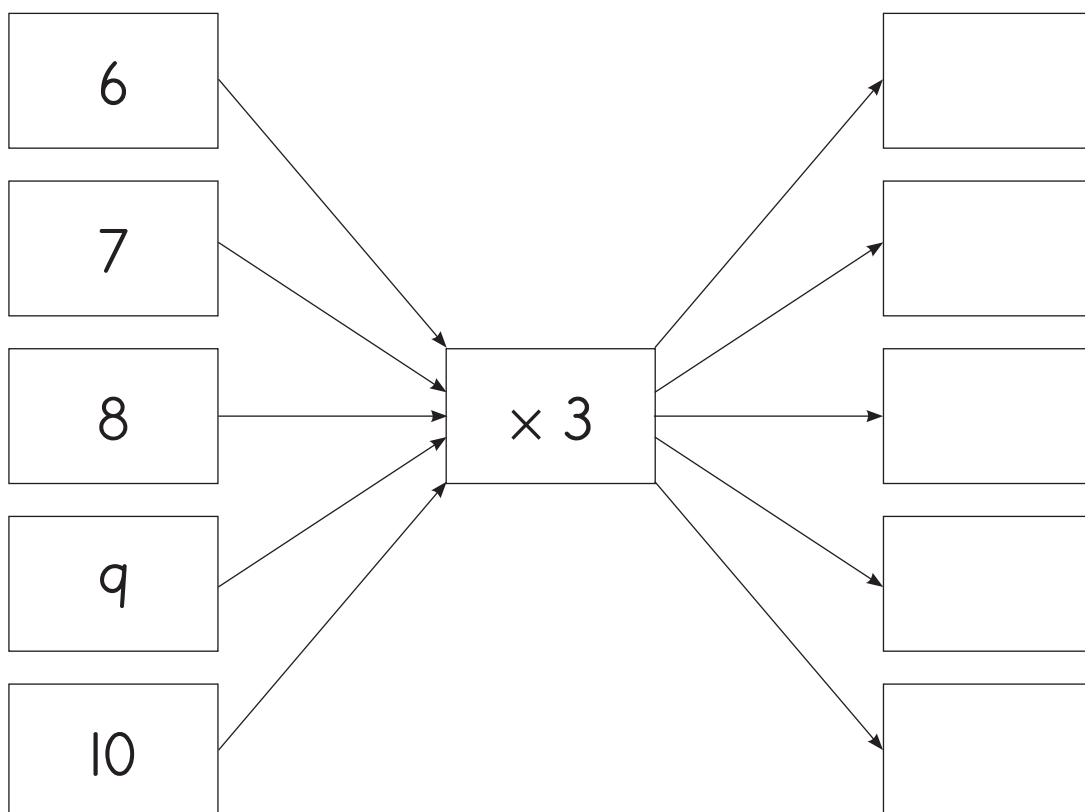
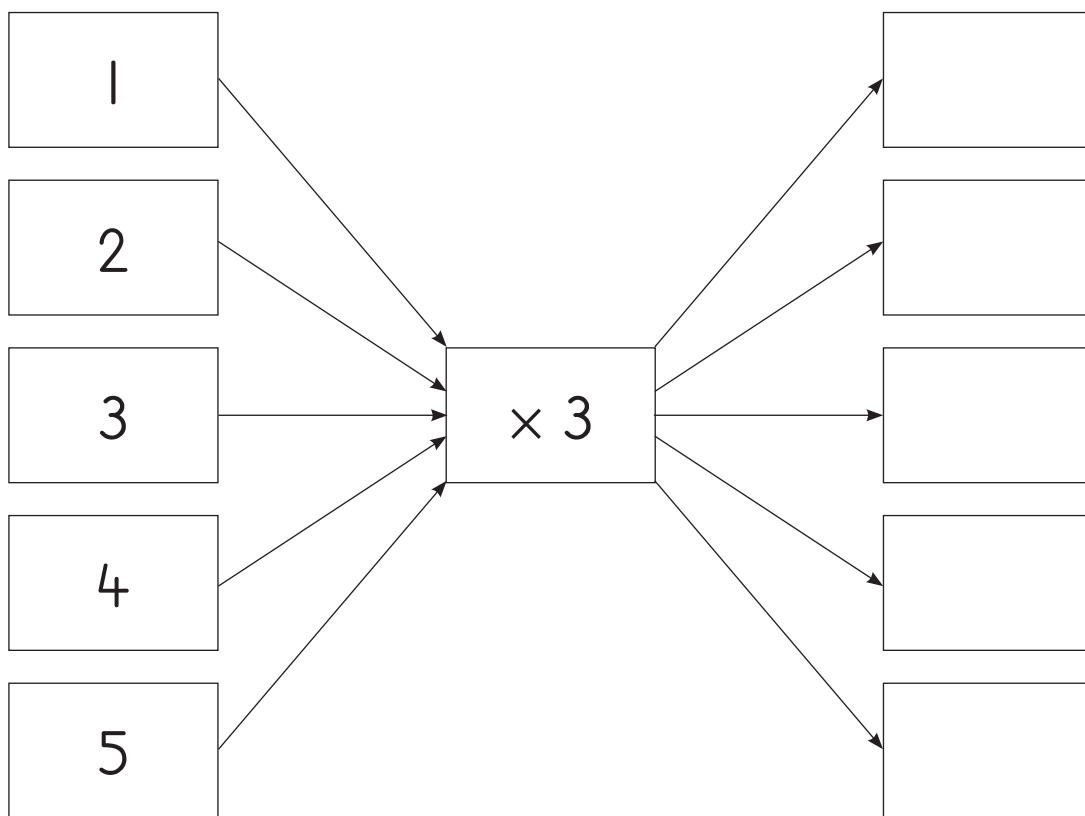
2 Complete the table.

Feletša tafola.

	1		3	4		6	7	8	9
$\times 3$		6			15				

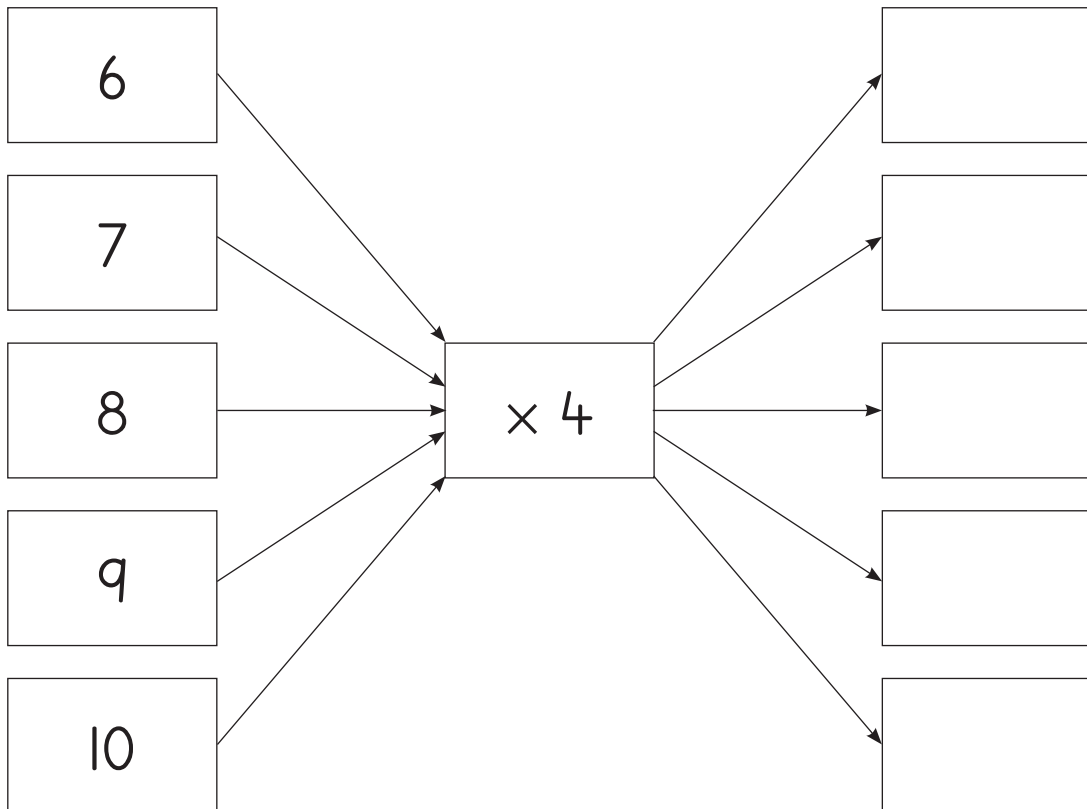
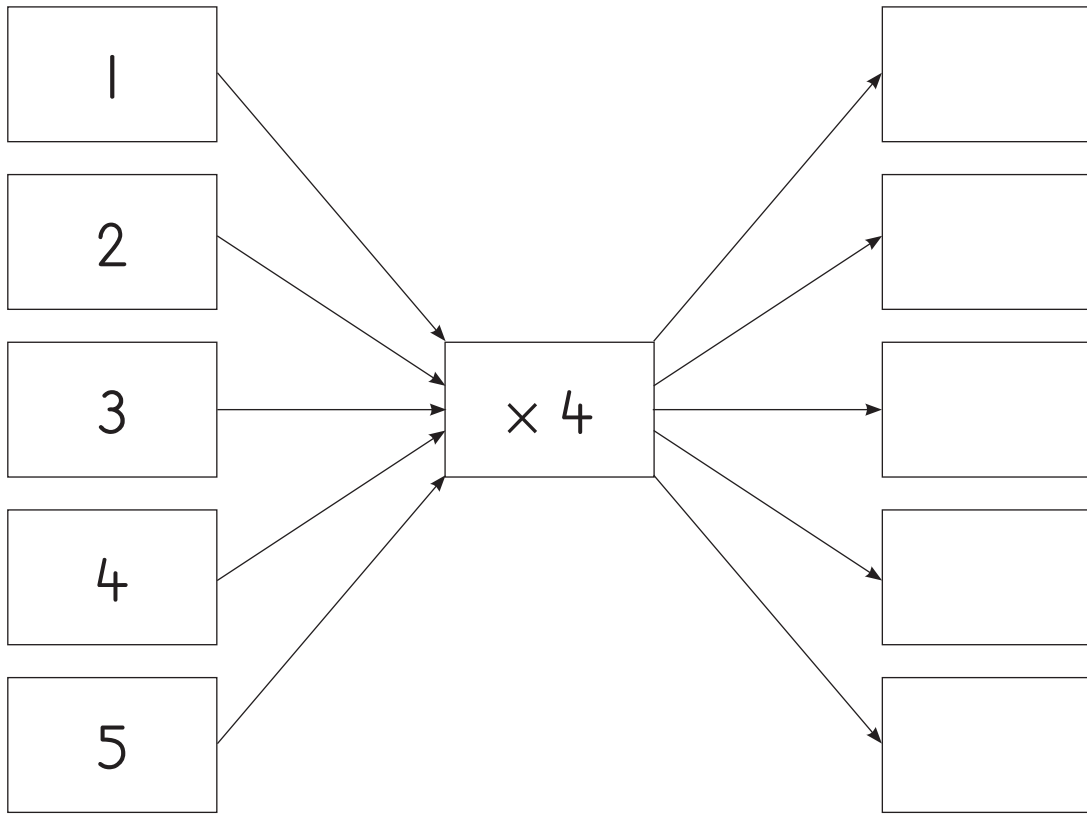
3 Complete.

Feleletša.



4 Complete.

Feleletša.



- 5 Play the 3 and 4 times table card games. Your teacher will explain the rules.
Raloka dipapadi tša karata ya katišo ya 3 le 4. Morutiši wa gago o tla go hlalošetša melao ya papadi.

Term 3 Lesson 21

Kotara ya 3 Thuto ya 21

Multiplication using arrays

Katišo ka go šomiša ditokologanyo

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Mangoes are R5 each. Thompho buys 3 mangoes. How much does she pay?

Dimanko di bitša R5 o tee. Tlhompho o reka dimanko tše 3. Na o lefetše bokae?

a Number sentence:

Lefokopalo: _____.

b She pays R_____.

O lefetše R _____.

2 I have 4 packets of sweets. There are 2 sweets in each packet. How many sweets do I have?

Ke na le dipakana tše 4 tša malekere. Go na le malekere a mabedi ka pakaneng ye nngwe le ye nngwe. Na ke na le malekere a makae?

a Number sentence:

Lefokopalo: _____.

b You have _____ sweets.

O na le malekere a _____.

HOMEWORK MOŠOMO WA GAE

Complete the table.

Feleletša tafola.

		Reverse the factors Balela ka go bušetša dipalo morago
1	$4 \times 3 = 12$	$3 \times 4 = 12$
2	$5 \times 2 = 10$	
3	$3 \times 2 = 6$	
4	$4 \times 1 = 4$	
5	$3 \times 5 = 15$	

Term 3 Lesson 22

Kotara ya 3 Thuto ya 22

Creating multiplication stories

Go hlama dikanegelo tša katišo

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 $\times 2$

b $\times 3$

c $\times 4$

d $\times 5$

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

Raloka papadi ya karata ya katišo ya 2 le 5. Morutiši wa gago o tla go hlalošetša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

	What is ... ? Na ke eng?	Answer Karabo
a	$5 \times 2 =$	
b	$3 \times 3 =$	
c	$5 \times 4 =$	
d	$1 \times 5 =$	
e	$2 \times 4 =$	

Term 3 Lesson 23

Kotara ya 3 Thuto ya 23

Multiplication word problems (I)

Mararantšu a katišo (I)

	1	2	3	4	5
1	1	2			
2	2	4			
3	3	6			
4	4	8			
5	5	10			
6	6	12			
7	7	14			
8	8	16			
9	9	18			
10	10	20			

CLASSWORK MOŠOMO WA KA PHAPOŠING

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

Raloka papadi ya karata ya katišo ya 2 le 5. Morutiši wa gago o tla go hlalošetša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

Complete the following table.

Feleletša tafola ye e latelago.

	1	2	3	4	5	6	7	8	9
$\times 4$									

Term 3 Lesson 24

Kotara ya 3 Thuto ya 24

Multiplication word problems (2)

Mararantšu a katišo (2)

CLASSWORK MOŠOMO WA KA PHAPOŠING

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

Raloka papadi ya karata ya katišo ya 2 le 5. Morutiši wa gago o tla go hlalošetša melao ya papadi.

HOMEWORK MOŠOMO WA GAE

	What is ... ? Na ke eng?	Answer Karabo
a	$5 \times 4 =$	
b	$3 \times 5 =$	
c	$5 \times 2 =$	
d	$7 \times 4 =$	
e	$6 \times 3 =$	

Term 3 Lesson 25

Kotara ya 3 Thuto ya 25

Consolidation

Teefatšo

- 1 There are 5 groups of children. There are 3 children in each group. How many children are there altogether?

Go na le dihlopha tše 5 tša bana. Go na le bana ba ba 3 sehlopheng se sengwe le se sengwe. Na go na le bana ba bakae ge ba hlakana ka moka?

- 2 Calculate using the multiplication tables.

Balela o šomiša ditafola tša katišo.

a $9 \times 2 =$ _____

b $8 \times 3 =$ _____

c $8 \times 2 =$ _____

d $7 \times 4 =$ _____

e $7 \times 2 =$ _____

f $9 \times 4 =$ _____

g $7 \times 5 =$ _____

h $7 \times 3 =$ _____

i $9 \times 3 =$ _____

j $6 \times 4 =$ _____

Term 3 Lesson 26

Kotara ya 3 Thuto ya 26

Assessment

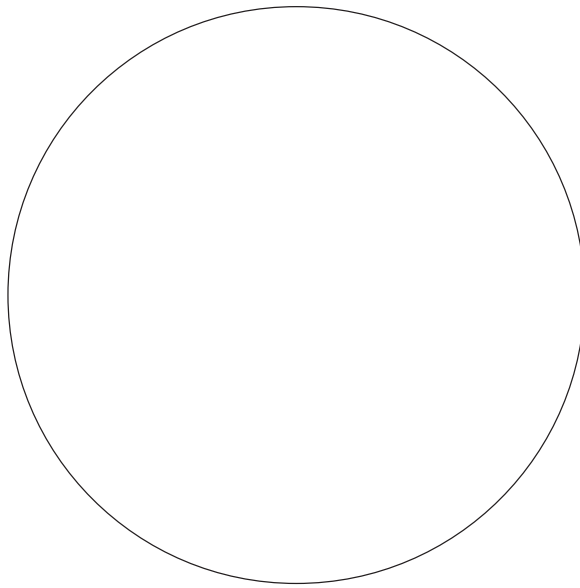
Kelo

Term 3 Lesson 27

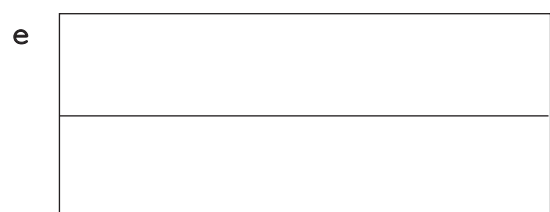
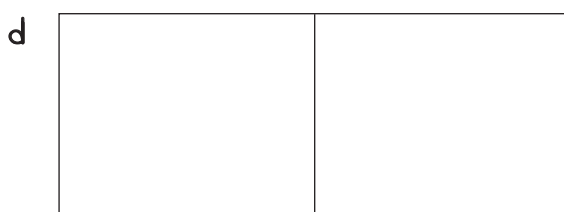
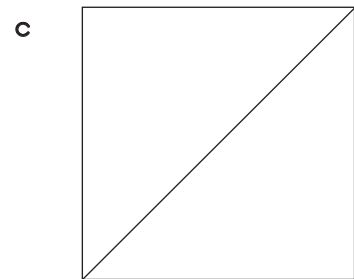
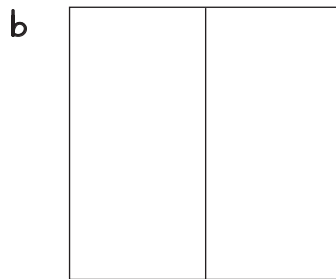
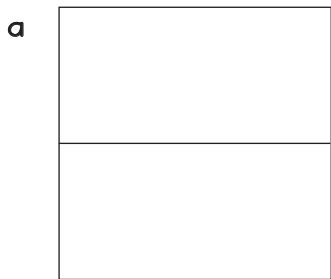
Kotara ya 3 Thuto ya 27

Fractions - Half

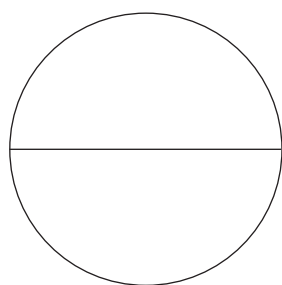
Palophatlo - Seripa



CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Shade in $\frac{1}{2}$ of each shape.Khalara $\frac{1}{2}$ sa sebopego se sengwe le se sengwe.

f



- 2 Serebolo and Mbali share 1 chocolate bar so they each get the same amount. Mbali says that they must each get one half. Is she correct? Draw a picture to show your answer.

Serebolo le Mbali ba ngwathelana para e 1 ya tšhokolete ka go lekana. Mbali o re yo mongwe le yo mongwe o swanetše go hwetša seripa se tee. Na o bolela nnete? Thala seswantšho go laetša karabo ya gago.

HOMEWORK MOŠOMO WA GAE

Draw a picture of a round cake. Share the cake equally between you and your friend Ntombi.

Thala seswantšho sa khekhe ya nkgokolo. Abaganya khekhe ka go lekana magareng ga gago le mogwera wa gago Ntombi.

Term 3 Lesson 28

Kotara ya 3 Thuto ya 28

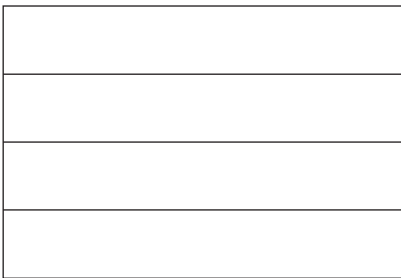
Fractions - Quarter

Palophatlo -Kotara

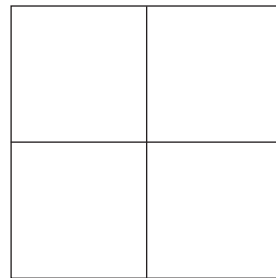
CLASSWORK MOŠOMO WA KA PHAPOŠING

Shade $\frac{1}{4}$ of each shape.Khalara $\frac{1}{4}$ ya sebopego se sengwe le se sengwe.

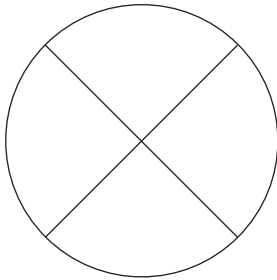
a



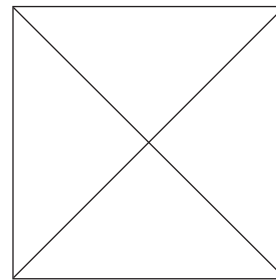
b



c



d



HOMEWORK MOŠOMO WA GAE

I cut an apple into quarters. How many children can get the same size piece of the apple?

Ke ripa apola ka dikotara. Na ke bana ba bakae bao ba ka hwetšago diripa tša go lekana tša apola?

Term 3 Lesson 29

Kotara ya 3 Thuto ya 29

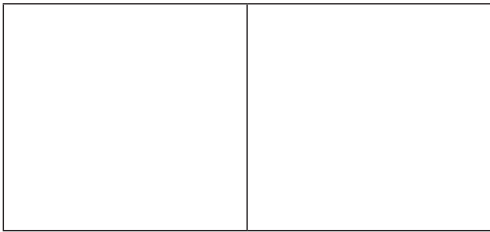
Fractions - Eighth

Palophatlo - Boseswai

CLASSWORK MOŠOMO WA KA PHAPOŠING

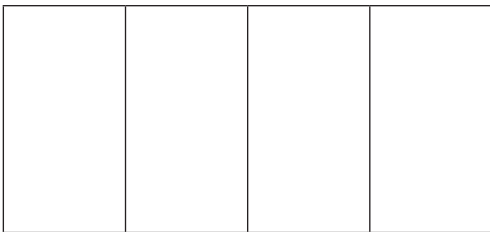
- 1 Divide the rectangle into halves. Shade in $\frac{1}{2}$.

Arola khutlonnethwi ka diripa. Khalara $\frac{1}{2}$.



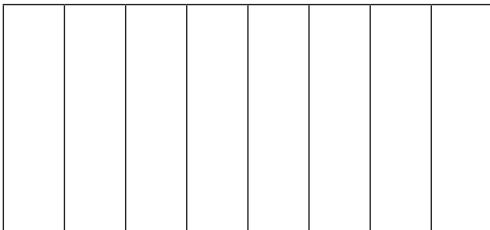
- 2 Divide the rectangle into quarters. Shade in $\frac{1}{4}$.

Arola khutlonnethwi ka dikotara. Khalara $\frac{1}{4}$.



- 3 Divide a rectangle into eighths. Shade in $\frac{1}{8}$.

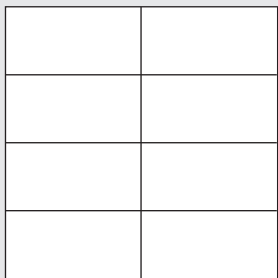
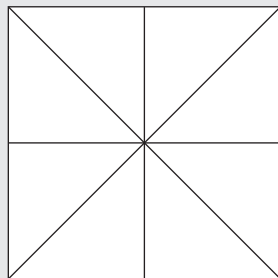
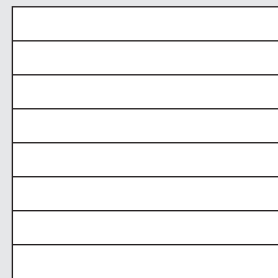
Arola khutlonnethwi ka diseswai. Khalara $\frac{1}{8}$.



HOMEWORK MOŠOMO WA GAE

Shade in $\frac{1}{8}$ of each square.

Khalara $\frac{1}{8}$ ya sekwere se sengwe le se sengwe.

a**b****c**

Term 3 Lesson 30

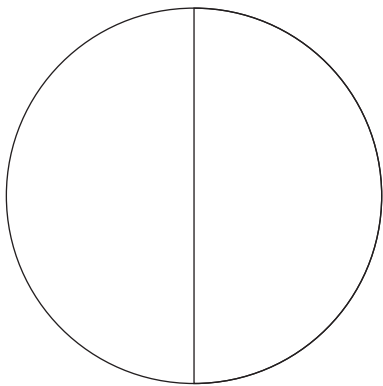
Kotara ya 3 Thuto ya 30

Consolidation

Teefatšo

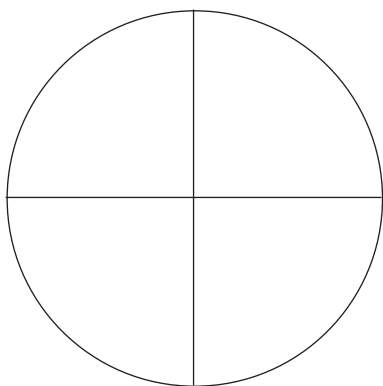
1 Shade in $\frac{1}{2}$ of the circle.

Khalara $\frac{1}{2}$ ya sediko.

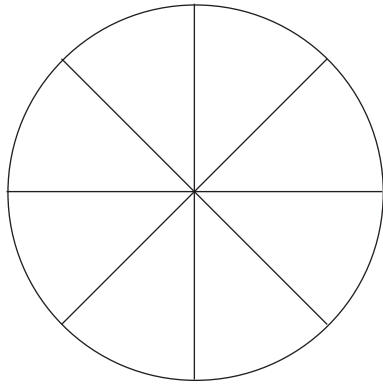


2 Shade in $\frac{1}{4}$ of the circle.

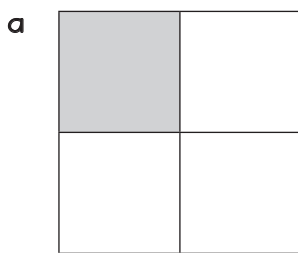
Khalara $\frac{1}{4}$ ya sediko.

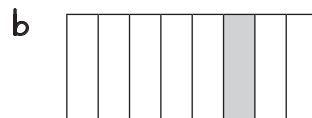


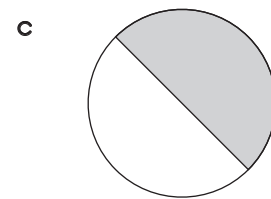
- 3 Shade in $\frac{1}{8}$ of the circle.
 Khalara $\frac{1}{8}$ ya sediko.



- 4 What fraction of the shape is shaded?
 Na ke palophatlo efe ya sebopego yeo e khalarilwego?







Term 3 Lesson 3I

Kotara ya 3 Thuto ya 3I

Assessment

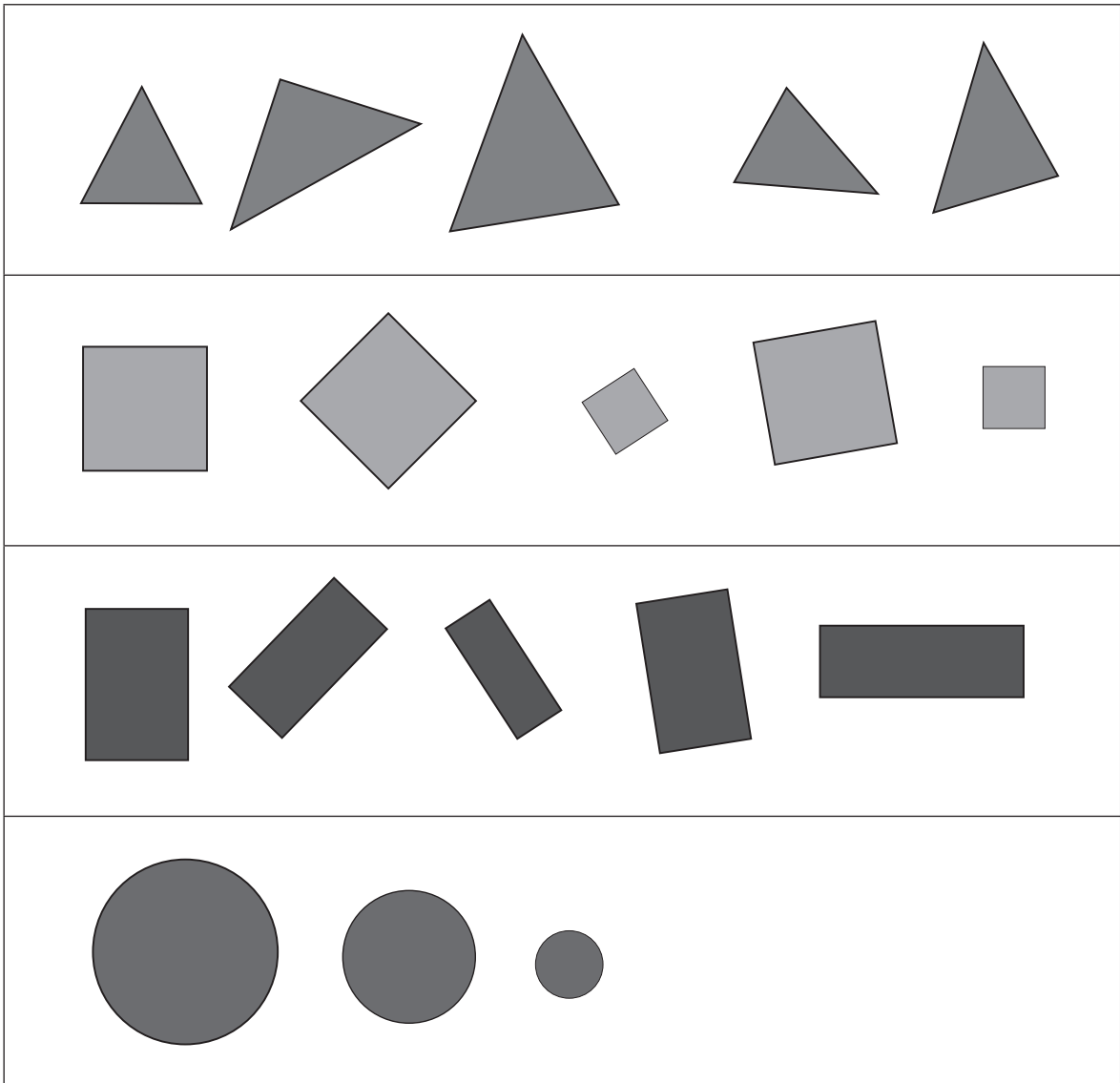
Kelo

Term 3 Lesson 32

Kotara ya 3 Thuto ya 32

2-D shapes (I)

Diboepgo tša mahlakore-pedi (I)



CLASSWORK MOŠOMO WA KA PHAPOŠING

- 1 Draw a square in two different positions.

Thala sekwere ka maemo a mabedi a go fapafapana.

- 2 Draw a triangle in two different positions.

Thala khutlotharo ka maemo a mabedi a go fapafapana.

- 3 Draw a picture using different shapes. Count how many triangles, squares and rectangles were used in the picture.

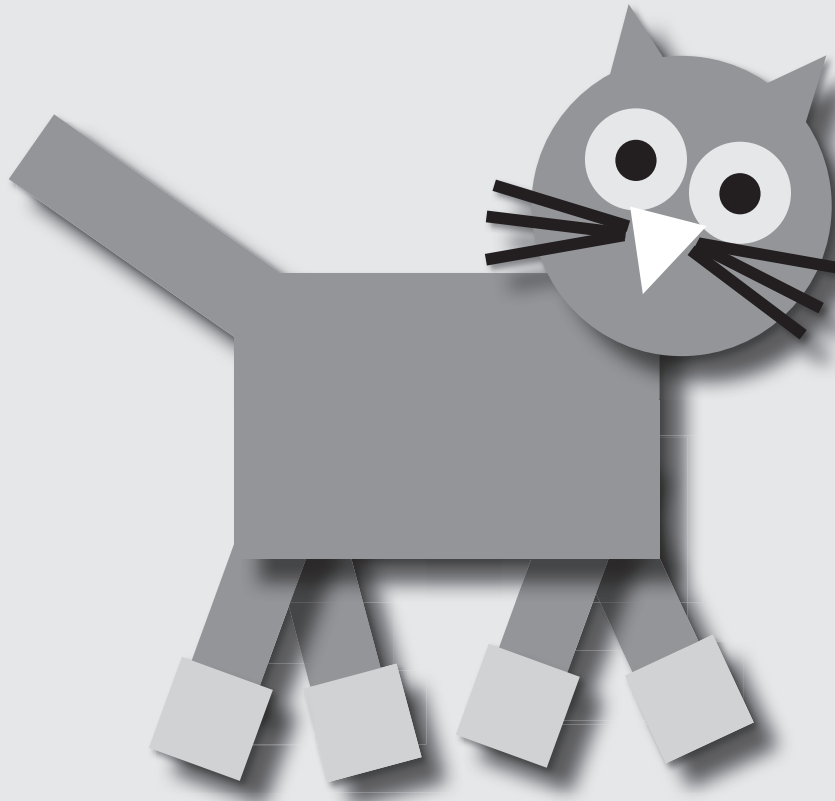
Thala seswantšho o šomiša dibopego tša go fapafapana. Balela gore ke dikhutlotharo, dikwere le dikhutlonnethwi tše kae tšeo di šomišitšwego mo seswantšhong.

- 4 Colour your picture using the colours red, blue, yellow and green.

Khalara seswantšho sa gago o šomiša mmala wo mokhubedu, talaleratadima, serolane le talamorogo.

HOMEWORK MOŠOMO WA GAE

- 1 Count the shapes in the drawing:
Balela diboepogo mo seswantšhong:



- a Triangles
Dikhutlotharo _____.
- b Squares
Dikwere _____.
- c Rectangles
Dikhutlonnethwi _____.
- d Circles
Didiko _____.
- 2 If you change the position of a shape does the shape change?
Ge o fetoša boemo bja sebopego, na sebopego se a fetoga? _____

Term 3 Lesson 33

Kotara ya 3 Thuto ya 33

2-D shapes (2)

Dibopego tša mahlakore-pedi (2)

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Draw and name two shapes with straight sides.

Thala o be o ngwale maina a dibopego tše pedi tša mahlakorethwi.

2 Draw and name a shape with round sides.

Thala o be o ngwale leina la sebopego sa mahlakore a nkgokolo.

3 Use all the shapes you know of with straight sides to draw your own picture.
Šomiša dibopego ka moka tšeo o di tsebago tša mahlakorethwi go thala seswantšho sa gago.

4 Use all the shapes you know of with round sides to draw your own picture.
Šomiša dibopego ka moka tšeo o di tsebago tša mahlakore a nkgokolo go thala seswantšho sa gago.

5 Choose one shape with straight sides and one shape with round sides to make your own pattern.

Kgetha sebopego se tee sa mahlakorethwi le sebopego se tee sa mahlakore a nkgokolo go dira patrone ya gago.

HOMEWORK MOŠOMO WA GAE

Design a car using the following shapes: 2 circles, 2 rectangles, 3 squares and 2 triangles.

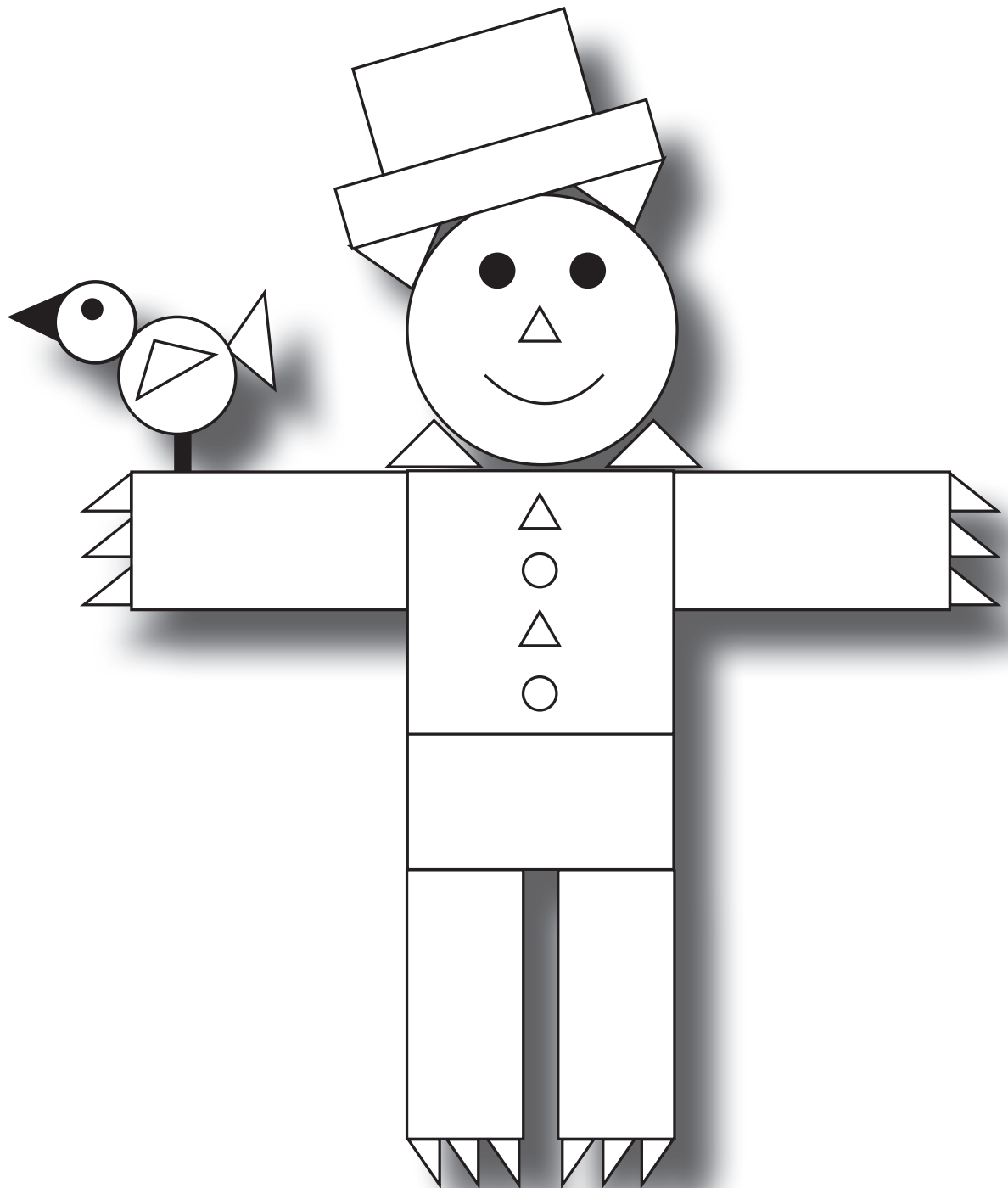
Hlama koi o šomiša diboego tše di latelago: didiko tše 2, dikhutlonnethwi tše 2, dikwere tše 3 le dikhutlotharo tše 2.

Term 3 Lesson 34

Kotara ya 3 Thuto ya 34

2-D shapes (3)

Dibopego tša mahlakore-pedi (3)



CLASSWORK MOŠOMO WA KA PHAPOŠING

- 1 Find the following words in the word search and colour each word in a different colour:

Hwetša mantšu a a latelago mo godimo ga senyakamantšu o be o khalare lentšu le lengwe le le lengwe ka mmala wa go fapana:

circle, triangle, square, rectangle.

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

- 2 Draw and label the shapes that you have identified in the word search.

Thala o be o ngwale maina a dibopego tšeo o di hweditšego mo go senyakamantšu.

- 3 What is the difference between a square and a triangle?

Na phapano ke eng magareng ga sekwere le khutlotharo?

- 4 What is the difference between a circle and a square?

Na phapano ke eng magareng ga sediko le sekwere?

- 5 Draw three squares of different size, from smallest to biggest.

Thala dikwere tše tharo tša bogolo bja go fapafapana, go tloga go se sennyanenyane go ya go se segologolo.

- 6 Draw three circles of different size, from smallest to biggest.

Thala didiko tše tharo tša bogolo bja go fapafapana, go tloga go se sennyanyane go ya go se segologolo.

HOMEWORK MOŠOMO WA GAE

- 1 Draw three triangles of different size, from smallest to biggest.

Thala dikhutlotharo tše tharo tša bogolo bja go fapafapana, go tloga go se sennyanyane go ya go se segologolo.

- 2 Draw three rectangles of different size, from smallest to biggest.

Thala dikhutlonnethwi tše tharo tša bogolo bja go fapafapana, go tloga go se sennyanyane go ya go se segologolo.

Term 3 Lesson 35

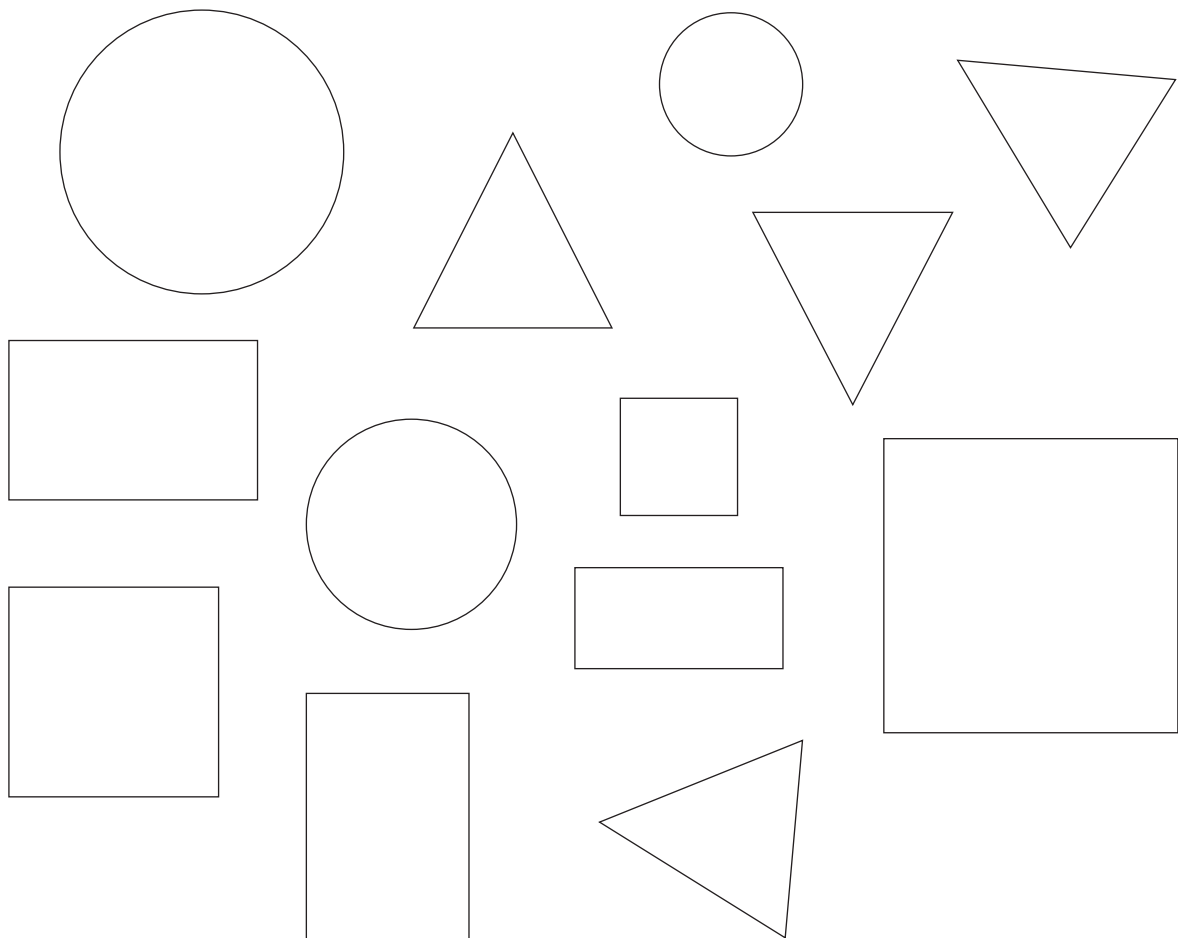
Kotara ya 3 Thuto ya 35

Consolidation

Teefatšo

- 1 Colour the squares red, the triangles green, the circles blue and the rectangles yellow.

Khalara dikwere ka mmala wo mokhubedu, dikhutlotharo ka talamorogo, didiko ka talaleratadima le dikhutlonnethwi ka serolane.



- 2 How many triangles are there?

Na go na le dikhutlotharo tše kae? _____

3 How many circles are there?

Na go na le didiko tše kae? _____

4 How many rectangles are there?

Na go na le dikhutlonnethwi tše kae? _____

5 How many squares are there?

Na go na le dikwere tše kae? _____

6 Write on each shape whether the sides are round or straight.

Ngwala go sebopego se sengwe le se sengwe ge eba se na le mahlakore a nkgokolo goba a thwi.

Term 3 Lesson 36

Kotara ya 3 Thuto ya 36

2-D shapes (4)

Dibopego tša mahlakore-pedi (4)

CLASSWORK MOŠOMO WA KA PHAPOŠING

- 1 Draw a house using the following shapes:
Thala ntlo o šomiša dibopego tše di latelago:
 - a 2 circles/didiko tše 2
 - b 4 rectangles/dikhutlonnethwi tše 4
 - c 1 triangle/khutlotharo e 1
 - d 2 squares/dikwere tše 2

2 Colour the shapes in the house in the following way:

Khalara dibopego go ntlo yeo o e thadilego ka mokgwa wo:

a One red circle

Sediko se tee se sekhubedu

b One green rectangle

Khutlonnethwi e tee ye talamorogo

c One yellow triangle

Khutlotharo e tee ye serolane

d One blue square

Sekwere se tee se se talaleratadima

HOMEWORK MOŠOMO WA GAE

- 1 Draw a picture using different shapes and colour it in any way you choose.

Thala seswantšho o šomiša dibopego tša go fapafapana o be o di khalare ka mokgwa woo o ratago.

- 2 Write about how you coloured your shapes.

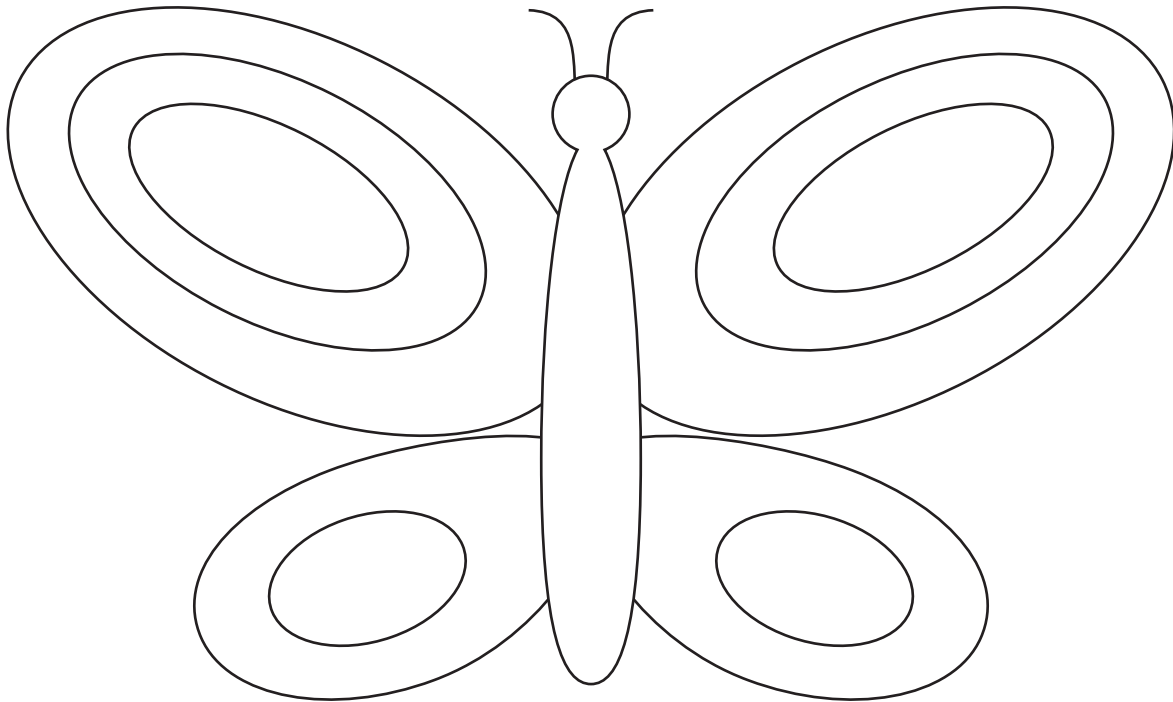
Ngwala ka mokgwa woo o khalarilego dibopego tša gago.

Term 3 Lesson 37

Kotara ya 3 Thuto ya 37

Symmetry (I)

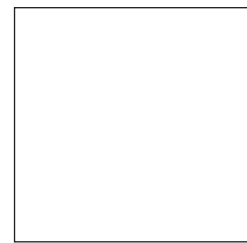
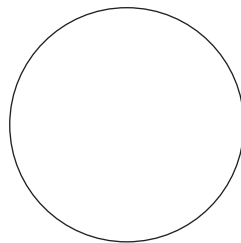
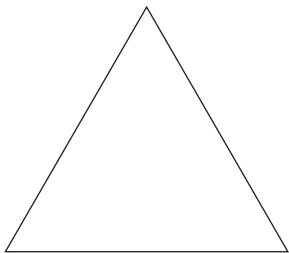
Go ripa gare ka go lekana (I)



CLASSWORK MOŠOMO WA KA PHAPOŠING

I Draw lines of symmetry on the following shapes.

Thala methalo ya go ripa gare ka go lekana mo dibopegong tše di latelago:



- 2 Draw the lines of symmetry in these butterflies.

Thala methalo ya go ripa gare ka go lekana mo dirurubeleng tše:



- 3 Draw a circle.

Thala sediko.

How many lines of symmetry can you draw on a circle? _____

Na o ka thala methalo ye mekae ya go ripa gare ka go lekana godimo ga sediko?

- 4 Draw a face.

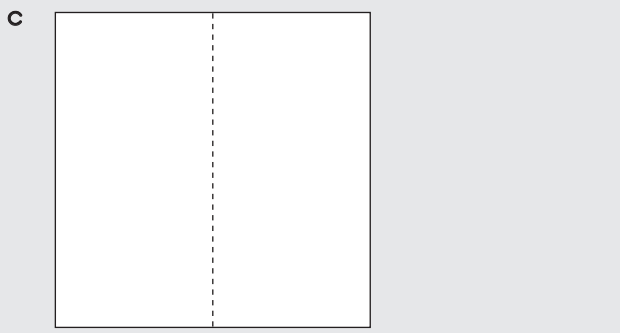
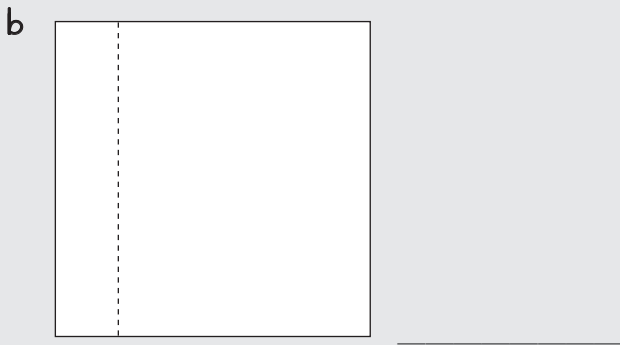
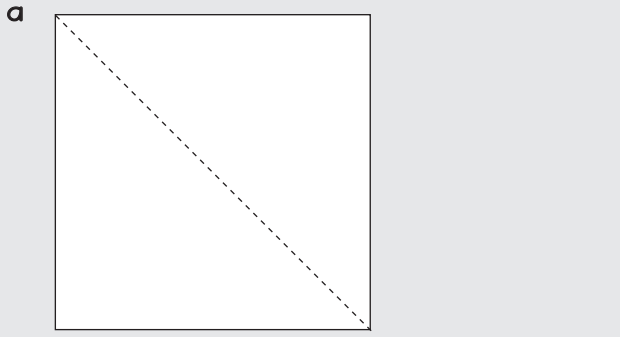
Thala sefahlego.

How many lines of symmetry can you draw on a face? _____

Na o ka thala methalo ye mekae ya go ripa gare ka go lekana godimo ga sefahlego?

HOMEWORK MOŠOMO WA GAE

Do the drawings below show a line of symmetry? Answer yes or no each time.
Na dithalwa tše di latelago ka tlase di laetša mothalo wa go ripagare ka go lekana? Araba ka ee goba aowa nako le nako.

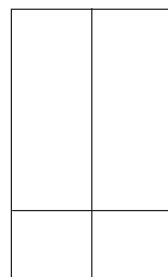
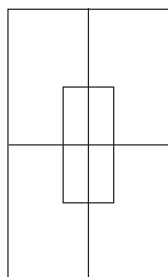
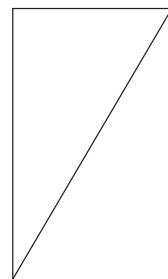
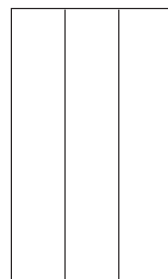
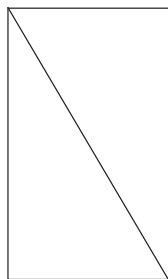
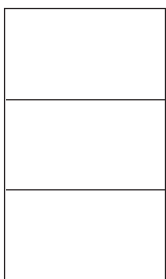
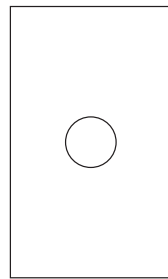
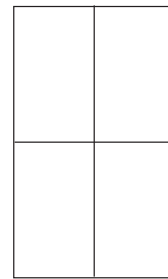
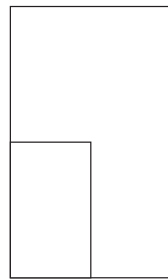
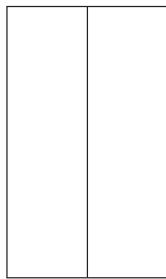
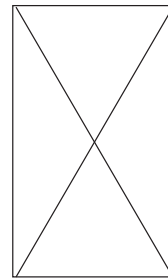
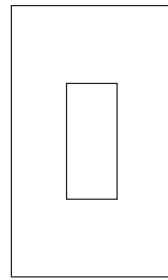
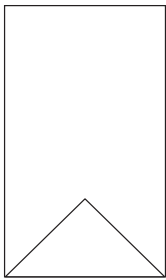


Term 3 Lesson 38

Kotara ya 3 Thuto ya 38

Symmetry (2)

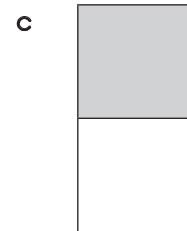
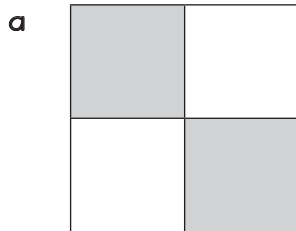
Go ripa gare ka go lekana (2)



CLASSWORK MOŠOMO WA KA PHAPOŠING

1 How many lines of symmetry can you draw in these shapes? Draw them.

Na o ka thala methalo ye mekae ya go ripa gare ka go lekana mo godimo ga dibopego tše? E thale.

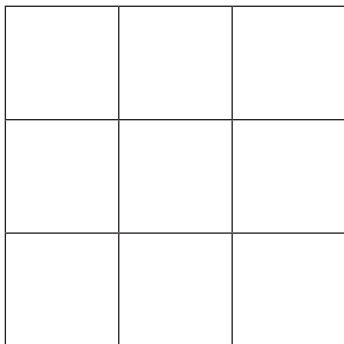


2 Use the grid to make a symmetrical design.

Šomiša kriti go dira sehlangwa sa go ripa gare ka go lekana.

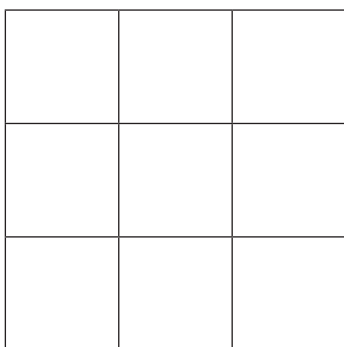
a Make a pattern in it that has 2 lines of symmetry.

Dira patrone yeo e nago le methalo ye 2 ya go ripa gare ka go lekana.



b Make a pattern in it that has 4 lines of symmetry.

Dira patrone yeo e nago le methalo ye 4 ya go ripa gare ka go lekana.



HOMEWORK MOŠOMO WA GAE

1 Draw a shape with:

Thala sebopego sa go ba le:

a One line of symmetry.

Mothalo o tee wa go ripa gare ka go lekana.

b Two lines of symmetry.

Methalo ye mebedi ya go ripa gare ka go lekana.

c Four lines of symmetry.

Methalo ye mene ya go ripa gare ka go lekana.

2 Draw the lines of symmetry in your shapes.

Thala methalo ya go ripa gare ka go lekana mo dibopegong tša gago.

Term 3 Lesson 39

Kotara ya 3 Thuto ya 39

Assessment

Kelo

Term 3 Lesson 40

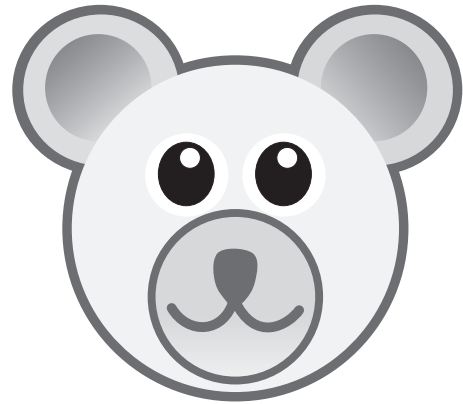
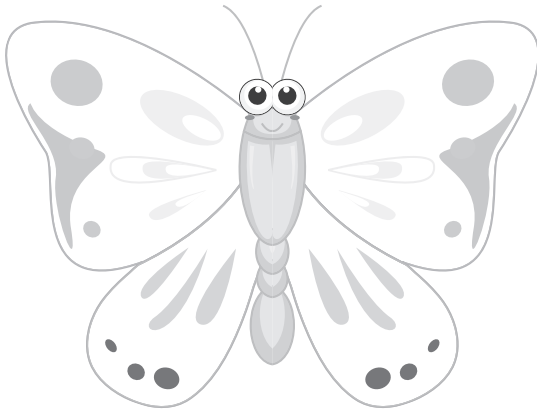
Kotara ya 3 Thuto ya 40

Consolidation

Teefatšo

- 1 Draw a line of symmetry through each of the following pictures:

Thala mothalo wa go ripa gare ka go lekana go seswantšho se sengwe le se se sengwe sa tše di latelago:



- 2 Colour each side of the picture a different colour.

Khalara lehlakore le lengwe le le lengwe la seswantšho ka mmala wa go fapana.

3 Complete these pictures by:

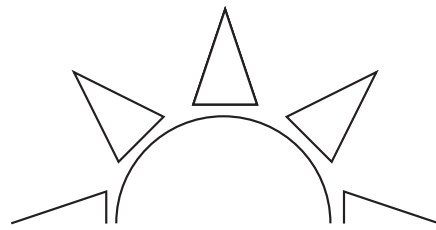
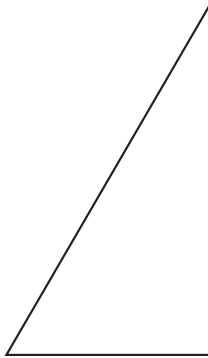
Feleletša diswantšho tše ka go:

a Drawing the exact other half.

Thala seripa se sengwe sa go swana le sona.

b Drawing in the line of symmetry.

Thala mothalo wa go ripa gare ka go lekana.



4 Draw a circle, a triangle and a rectangle. Draw the line of symmetry in each shape.

Thala sediko, khutlotharo le khutlonnethwi. Thala mothalo wa go ripa gare ka go lekana go sebopego se sengwe le se sengwe.

Term 3 Lesson 41

Kotara ya 3 Thuto ya 41

Symmetry (3)

Go ripa gare ka go lekana (3)

CLASSWORK MOŠOMO WA KA PHAPOŠING

- 1 Draw the following objects in the correct column of the table, using symmetry to make your choices: shoe, circle, banana, triangle, square, rectangle, knife, car.

Thala dilo tše di latelago ka kholomong ya maleba ya tafola o šomiša go ripa gare ka go lekana go dira dikgetho tša gago.

Symmetrical objects Dilo tša go ripega gare ka go lekana	Non-symmetrical objects Dilo tša go se ripege gare ka go lekana

Symmetrical objects Dilo tša go ripega gare ka go lekana	Non-symmetrical objects Dilo tša go se ripege gare ka go lekana

2 Draw the lines of symmetry on the objects in the column.

Thala methalo ya go ripa gare ka go lekana godimo ga dilo tše di lego ka kholomong.

3 Draw in the lines of symmetry in these letters.

Thala methalo ya go ripa gare ka go lekana mo ditlhakeng tše.

B

M

H

HOMEWORK MOŠOMO WA GAE

1 Write your name in capital letters.

Ngwala leina la gago ka ditlhaka tše dikgolo.

2 Which letters in your name are symmetrical?

Na ke ditlhaka dife tša leina la gago tšeo di ripegago gare ka go lekana?

3 Draw the letters which you think are symmetrical and draw in the lines of symmetry for these letters.

Thala ditlhaka tšeo o naganago go re di ka ripega gare ka go lekana o be o thale methalo ya go ripa gare ka go lekana ya ditlhaka tšeo.

Term 3 Lesson 42

Kotara ya 3 Thuto ya 42

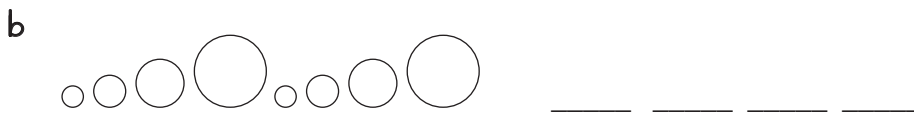
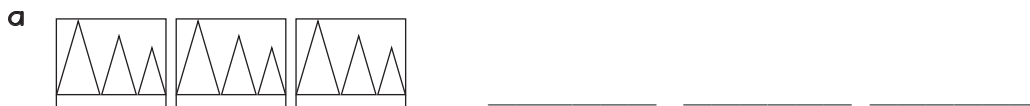
Geometric patterns (I)

Dipatrone tša tšeometriki (I)

CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Draw the next set of shapes in the patterns given below:

Thala dibopego tše di latelago tša dipatrone tše di filwego ka tlase:



2 Extend these patterns.

Katološa dipatrone tše.



- 3 Draw your own pattern of squares that grows in a regular way.
Thala patrone ya gago ya dikwere yeo e golago ka mokgwa wa go se fetoge.

HOMEWORK MOŠOMO WA GAE

Draw your own pattern using shapes.
Thala patrone ya gago o šomiša diboego.

Term 3 Lesson 43

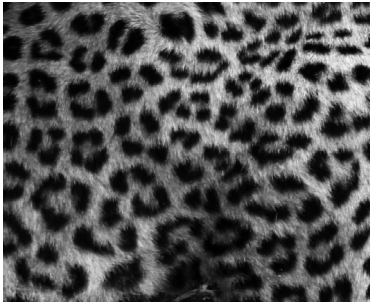
Kotara ya 3 Thuto ya 43

Geometric patterns (I)

Dipatrone tša tšeometriki (I)

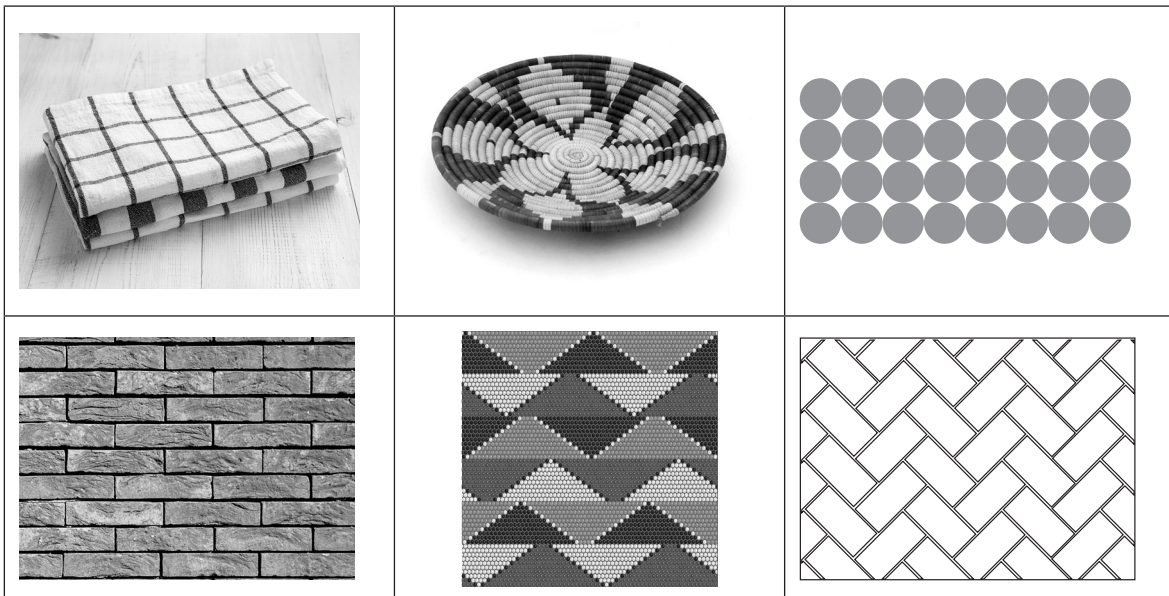
Patterns in nature.

Dipatrone tša hlago.



Patterns around us.

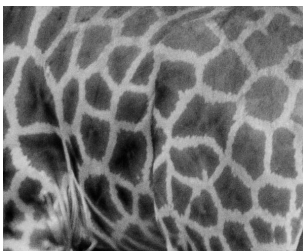
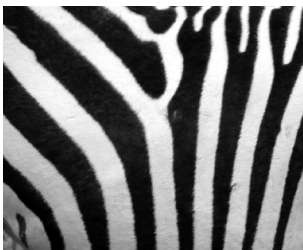
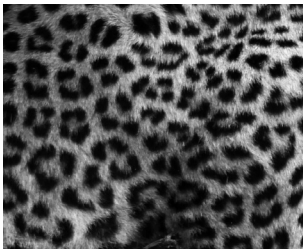
Dipatrone tšeore tlwaetšego go di bona kgauswi le rena.



CLASSWORK MOŠOMO WA KA PHAPOŠING

1 Match the animal to the animal skin pattern.

Nyalanya phoofolo le patrone ya letlalo la yona.

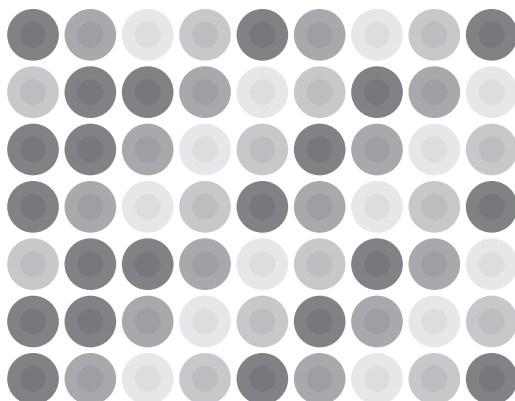


2 Describe the following patterns. Use the key words to help you.

Hlaloša dipatrone tše di latelago. Šomiša mantšu a bohlokwa go go thuša.

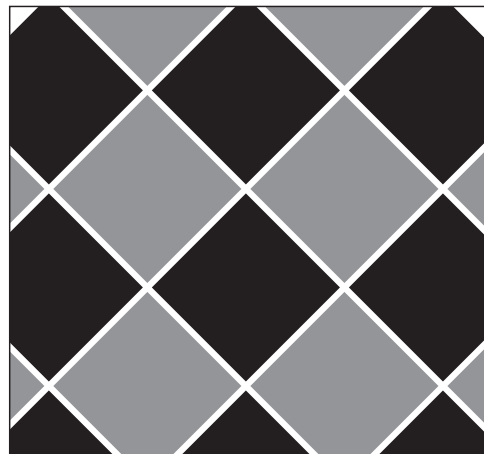
a Circle, size, equal.

Sediko, bogolo, lekana.



b Lines, straight, cross.

Methalo, thwi, fapana.



HOMEWORK MOŠOMO WA GAE

Design your own geometric pattern using squares and triangles.

Hlala patrone ya gago ya tšeometriki o šomiša dikwere le dikhutlotharo.

Term 3 Lesson 44

Kotara ya 3 Thuto ya 44

Assessment

Kelo

Term 3 Lesson 4.5

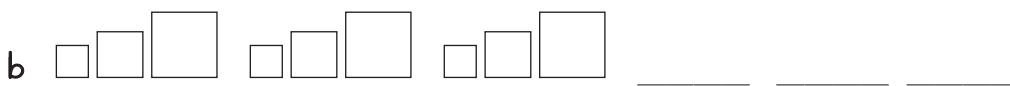
Kotara ya 3 Thuto ya 4.5

Consolidation

Teefatšo

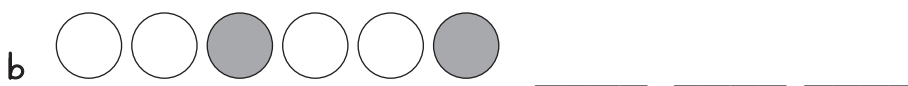
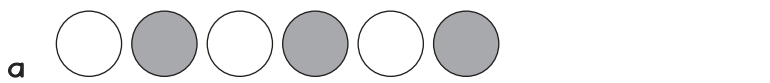
1 Draw the next set of shapes in the given patterns.

Thala sete ye e latelago ya diboepgo ka dipatroneng tšeo di filwego.



2 Draw the next set of shapes in the given pattern.

Thala sete ye e latelago ya diboepgo ka dipatroneng tšeo di filwego.



Term 3 Lesson 4b

Kotara ya 3 Thuto ya 4b

Telling the time

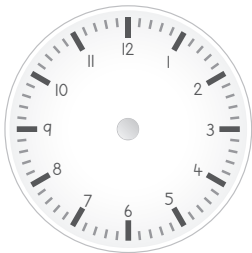
Go hloša nako

CLASSWORK MOŠOMO WA KA PHAPOŠING

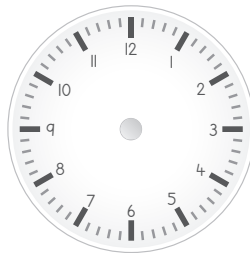
Show the following times on the clock faces.

Laetša dinako tše di latelago godimo ga sešupanako.

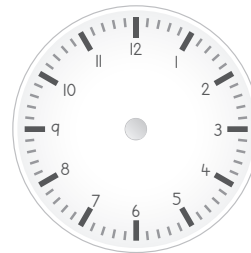
- a** 11 o'clock.
Iri ya 11.



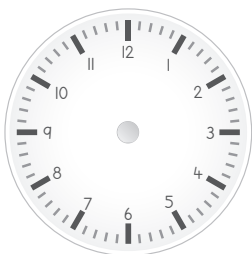
- b** 9 o'clock.
Iri ya 9.



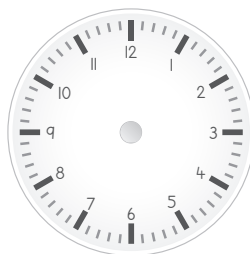
- c** 2 o'clock.
Iri ya 2.



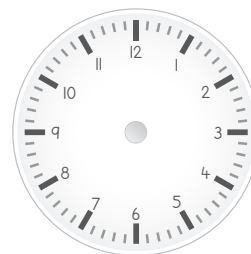
- d** 3 o'clock.
Iri ya 3.



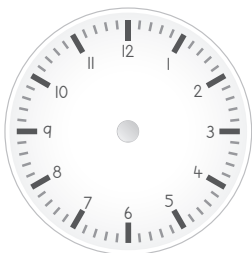
- e** Half past 9.
Seripagare go tšwa go iri ya 9.



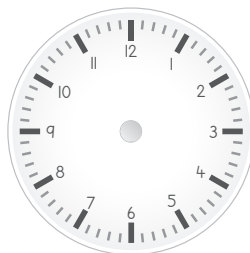
- f** Half past 11.
Seripagare go tšwa go iri ya 11.



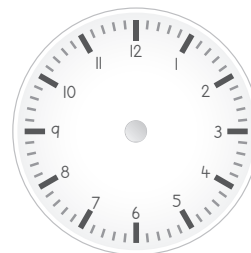
- g** Half past 4.
Seripagare go tšwa go iri ya 4.



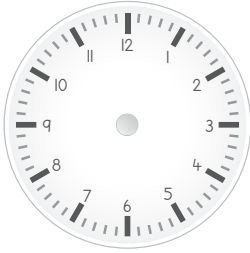
- h** Quarter past 10.
Kotara go tšwa go iri ya 10.



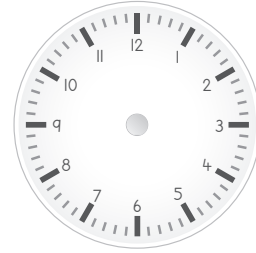
- i** Quarter to 3.
Kotara go ya go iri ya 3.



- j Quarter past 2.
Kotara go tšwa go iri
ya 2.



- k Quarter to 7.
Kotara go ya go iri
ya 7.



HOMEWORK MOŠOMO WA GAE

- 1 Which comes first, quarter to 10 or 10 o'clock?

Ke efe nako yeo e tlogo pele, kotara go ya go iri ya 10 goba iri ya 10?

- 2 Which comes first, quarter to 11 or quarter past 11?

Ke efe nako yeo e tlogo pele, kotara go ya go iri ya 11 goba kotara go feta iri ya 11?

- 3 Draw a picture of something you do at 7 o'clock in the morning.

Thala seswantšho sa selo seo o se dirago ka iri ya 7 mesong.

Term 3 Lesson 47

Kotara ya 3 Thuto ya 47

Calendars

Ditšhupamabaka

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

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					

Refer to the calendar month of September above.

Lebelela tšhupamabaka ya kgwedi ya Lewedi ka godimo.

- Put a triangle on 26 September to indicate the Mathematics quiz.
Bea khutlotharo go di26 Lewedi go laetša khwizi ya Mmetse.
- Put a square on 12 September to indicate the school play.
Bea sekwere go di12 Lewedi go laetša papadi ya sekolo.
- Put a red circle around 24 September to indicate a public holiday, and discuss this public holiday (Heritage Day) with your peers.
Bea sediko se se khubedu go dikologa di24 Lewedi go laetša letšatši la maikhutšo (Letšatši la bohwa), le be le ahlaahle ka lona.
- Put a rectangle on 15 September to indicate the sports day.
Bea khutlonnethwi go di15 Lewedi go laetša letšatši la dipapadi.
- Put a circle around all the Sundays.
Bea sediko go dikologa matšatši a Sontaga ka moka.
- How many days are there in September?
Na go na le matšatši a makae mo kgweding ya Lewedi? _____

g How many days from Heritage Day to the Mathematics quiz day?

Na go na le matsatši a makae go tloga go Letšatši la Bohwa go ya go letšatši la khwizi ya Mmetse?

h How many days between the school play and the sports day?

Na go na le matsatši a makae gare ga letšatši la papadi ya sekolo le letšatši la dipapadi?

HOMEWORK MOŠOMO WA GAE

1 Which is the first month of the year?

Na kgwedi ya mathomo ya ngwaga ke efe? _____

2 Which two months come between April and July?

Na ke dikgwedi dife tše pedi tšeo di tlogo gare ga Mopitlo le Mosegamanye?

3 Which is the last month of the year?

Na kgwedi ya mafelelo ya ngwaga ke efe? _____

Term 3 Lesson 48

Kotara ya 3 Thuto ya 48

Time passed

Nako yeo e fetilego

CLASSWORK MOŠOMO WA KA PHAPOŠING

- 1 How many hours are there between 8 o'clock and 10 o'clock?

Na go na le diiri tše kae gare ga iri ya 8 le iri ya 10? _____

- 2 How many hours are there between 10 o'clock and 12 o'clock?

Na go na le diiri tše kae gare ga iri ya 10 le iri ya 12? _____

- 3 It is the 1st of September. School breaks up on the 13th of September. How many days until break up day?

Ke letšatši la 1 la Lewedi. Sekolo se tswalelwa ka di13 Lewedi. Na go na le matsatši a makae go fihla go letšatši la go tswalela?

- 4 It is the 26th of December. How many days are there until the 1st of January?

Ke letšatši la di26 tša Manthole. Na go na le matsatši a makae go fihla go letšatši la 1 la Pherekong?

HOMEWORK MOŠOMO WA GAE

1 How many hours are there between 4 o'clock and 8 o'clock?

Na go na le diiri tše kae gare ga iri ya 4 le iri ya 8? _____

2 How many hours are there between 8 o'clock and 11 o'clock?

Na go na le diiri tše kae gare ga iri ya 8 le iri ya 11? _____

3 It is the 1st of June. Your birthday is on the 12th of June. How many days are there until your birthday?

Ke letšatši la 1 la Ngwatobošego. Letšatši la gago la matswalo le ka dil2 tša Ngwatobošego. Na go na le matsatši a makae go fihla letšatši la gago la matswalo?

Term 3 Lesson 49

Kotara ya 3 Thuto ya 49

Assessment

Kelo

Term 3 Lesson 50

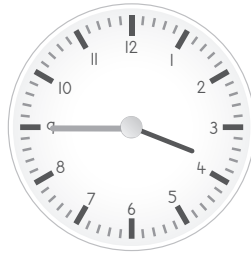
Kotara ya 3 Thuto ya 50

Consolidation

Teefatšo

1 What is the time on these clocks?

Na dišupanako tše di laetša gore ke nako mang?



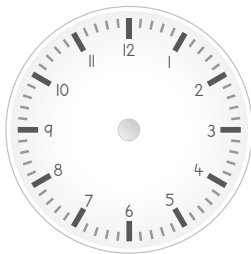
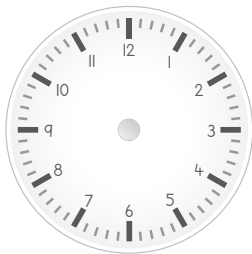
2 Draw clocks showing the following times:

Thala dišupanako tša go laetša dinako tše di latelago:

a Six o'clock.
Iri ya botshelela.

b Half past one.
Seripagare go
tšwa go iri ya pele.

c Quarter to twelve.
Kotara go ya go iri
ya lesomepedi.



3 Which month has fewer days- November or December?

Na ke kgwedi efe yeo e nago le palo ye nnyane ya matsatši? Dibatsela goba Manthole?

4 What was the date 3 days ago?

Na matsatši a 3 a go feta e be e le dikae? _____

1 Multiplication cards (lesson 9 and other)
Dikarata tša go atiša (thuto ya 9 le tše dingwe)

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

2 Multiplication cards (lesson 9 and other)

Dikarata tša go atiša (thuto ya 9 le tše dingwe)

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

- 3 Array diagram (lesson 21 and other)
Taekramo ya tokologanyo (thuto ya 21 le tše dingwe)

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

4 Multiplication table (lesson 23 and 24)
Tafola ya go atiša (thuto ya 23 le 24)

	1	2	3	4	5
1	1	2	3	4	5
2	2	4	6	8	10
3	3	6	9	12	15
4	4	8	12	16	20
5	5	10	15	20	25
6	6	12	18	24	30
7	7	14	21	28	35
8	8	16	24	32	40
9	9	18	27	36	45
10	10	20	30	40	50

5 Shape cut outs (lesson 32 and other)
Diripa tša sebopego (thuto ya 32 le tše dingwe)

