

MATHEMATICS

Grade 2

**English/
Tshivenda**

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.

Marangaphanda

Phekhe iyi ya zwiko i na nyito dza fuṭhanu dza ḡuvha na ḡuvha dzo nomboriwaho, dzi dza mushumo wa kiḡasini na tshuṅwahaya. Nyito idzi dzi yelana na nyito dzi re kha pulane dza ngudo. Ngudo dza ḡuvha ḡinwe na ḡinwe dzi tea u tevhelwa nga mushumo wa kiḡasini ha kona u tevhela tshuṅwahaya. Mbudziso dza nyito dzi nga fhindulelwa buguni iyi.

Zwiko izwi zwi kha nyambo mbili. Ri na fulufhelo ḡa uri u shuma nga nyambo mbili zwi ḡo thusa vhagudi uri vha gude maipfi a mbalo nga luambo lwavho lwa hayani na nga English (Luisimane). Hezwi zwi ḡo vha pfundisela (lugisela) u dzhena kha u guda mbalo ha vhutshilo hoṭhe – ha tsiavhafu.

Arali vhagudi vha nga shuma mishumo iyi i tshi ṭandulukana (nga sisiṭeme), vha ḡo kona u khunyeledza kharikhuḡamu yoṭhe. Ri na fulufhelo ḡa uri, musi vhagudi vha tshi khou ita nyito idzi, vha ḡo vha vha tshi khou guda mbalo hu na u ḡiphina.

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Term 3 Lesson 1

Themo ya 3 Ngudo ya 1

Repeated addition

Ndovhololo ya mutanganyo

CLASSWORK MUSHUMO WA KILASINI

Complete the table.

Fhedzisani/Dadzani thebuḽu iyi.

	What is? Zwi vhumba mini?	Repeated Addition Ndovhololo ya Mutanganyo	Answer Phindulo
1	5 groups of 2 Zwigwada zwa 5 zwa 2	$2 + 2 + 2 + 2 + 2 =$	10
2	3 groups of 3 Zwigwada zwa 3 zwa 3	$3 + 3 + 3 =$	
3	6 groups of 4 Zwigwada zwa 6 zwa 4		
4	3 groups of 5 Zwigwada zwa 3 zwa 5		
5	10 groups of 2 Zwigwada zwa 10 zwa 2		

	What is? Zwi vhumba mini?	Repeated Addition Ndovhololo ya Mutanganyo	Answer Phindulo
6	7 groups of 3 Zwigwada zwa 7 zwa 3		
7	6 groups of 5 Zwigwada zwa 6 zwa 5		
8	8 groups of 4 Zwigwada zwa 8 zwa 4		
9	9 groups of 3 Zwigwada zwa 9 zwa 3		
10	10 groups of 5 Zwigwada zwa 10 zwa 5		

HOMEWORK TSHUŊWAHAYA

Complete the table.

Fhedzisani thebuḽu iyi.

	What is? Zwi vhumba mini?	Repeated Addition Ndovhololo ya Muḽanganyo	Answer Phindulo
1	6 groups of 2 Zwigwada zwa 6 zwa 2		
2	7 groups of 3 Zwigwada zwa 7 zwa 3		
3	5 groups of 4 Zwigwada zwa 5 zwa 4		

Term 3 Lesson 2

Themo ya 3 Ngudo ya 2

Multiplication (I)

Muandiso (I)

CLASSWORK MUSHUMO WA KILASINI

Complete the table. Write multiplication as repeated addition.

Fhedzisani thebuḽu iyi. Nwalani muandiso sa ndovhololo ya muṭanganyo.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muṭanganyo
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 TSHUŊWAHAYA

Complete the table. Write multiplication as repeated addition.

Fhedzisani thebuḽu iyi. Nwalani muandiso sa ndovhololo ya muḽanganyo.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muḽanganyo
1	$3 \times 5 = \underline{\quad}$	
2	$4 \times 3 = \underline{\quad}$	
3	$8 \times 2 = \underline{\quad}$	

Term 3 Lesson 3

Themo ya 3 Ngudo ya 3

Multiplication (2)

Muandiso (2)

CLASSWORK MUSHUMO WA KILASINI

Complete the table. Write multiplication as repeated addition.

Fhedzisani thebuḽu iyi. Nwalani muandiso sa ndovhololo ya muḽanganyo.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muḽanganyo
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 TSHUŊWAHAYA

Complete the table. Write multiplication as repeated addition.

Fhedzisani thebuḽu iyi. Nwalani muandiso sa ndovhololo ya muṭanganyo.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muṭanganyo
1	$3 \times 2 = \underline{\quad}$	
2	$4 \times 5 = \underline{\quad}$	
3	$8 \times 3 = \underline{\quad}$	

Term 3 Lesson 4

Themo ya 3 Ngudo ya 4

Multiplication number sentences (I)

Mafhungombalo a muandiso (I)

CLASSWORK MUSHUMO WA KILASINI

Complete the table.

Fhedzisani thebuḽu iyi.

	What is? Zwi vhumba mini?	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muḽanganyo
1	3 groups of 5 Zwigwada zwa 3 zwa 5	$3 \times 5 = \underline{\quad}$	$5 + 5 + 5 = 15$
2	4 groups of 3 Zwigwada zwa 4 zwa 3		
3	6 groups of 2 Zwigwada zwa 6 zwa 2		
4	5 groups of 5 Zwigwada zwa 5 zwa 5		
5	6 groups of 4 Zwigwada zwa 6 zwa 4		
6	8 groups of 2 Zwigwada zwa 8 zwa 2		

	What is? Zwi vhumba mini?	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muḽanganyo
7	9 groups of 3 Zwigwada zwa 9 zwa 3		
8	4 groups of 4 Zwigwada zwa 4 zwa 4		

HOMEWORK TSHUNWAHAYA

Draw a diagram to calculate the answer.

Olani nyolo ni tshi rekanya phindulo.

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

Term 3 Lesson 5

Themo ya 3 Ngudo ya 5

Consolidation

U ṭanganya magudiswa

1 Complete the table.

Fhedzisani thebuḽu iyi.

	Groups Amaqembu	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muṭanganyo
a	5 groups of ____ Zwigwada zwa 5 zwa ____	$5 \times 5 = \underline{\quad}$	
b	____ groups of 3 Zwigwada zwa ____ zwa 3	$8 \times 3 = \underline{\quad}$	
c	7 groups of 4 Zwigwada zwa 7 zwa 4		

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

Olani nyolo ni tshi sumbedza zwigwada zwa 4 zwa 3 ni n'wale fhungombalo la muandiso.

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

Term 3 Lesson 6

Themo ya 3 Ngudo ya 6

Assessment

Ulinga

Term 3 Lesson 7

Themo ya 3 Ngudo ya 7

Multiplication number sentences (2)

Mafhungombalo a muandiso (2)

CLASSWORK MUSHUMO WA KILASINI

Draw a diagram to calculate the answer.

Olani nyolo ni tshi rekanya phindulo.

<p>1 What is 4 times 5? 4 ya andiswa nga 5 ndi mini? _____</p>	<p>2 What is 3 times 4? 3 ya andiswa nga 4 ndi mini? _____</p>
<p>3 What is 6 times 3? 6 ya andiswa nga 3 ndi mini? _____</p>	<p>4 What is 8 times 2? 8 ya andiswa nga 2 ndi mini? _____</p>

5 What is 7 times 5?

7 ya andiswa nga 5 ndi mini? _____

6 What is 9 times 4?

9 ya andiswa nga 4 ndi mini? _____

HOMEWORK TSHUŊWAHAYA

Draw a diagram to calculate the answer.

Olani nyolo ni tshi rekanya phindulo.

1 What is 5 times 3?

5 ya andiswa nga 3 ndi mini? _____

2 What is 7 times 2?

7 ya andiswa nga 2 ndi mini? _____

Term 3 Lesson 8

Themo ya 3 Ngudo ya 8

5 times table (I)

Thebuḽu ya muandiso wa 5 (I)

CLASSWORK MUSHUMO WA KILASINI

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?

Kilasi ya Gireidi ya 2 i khou ya zuu. Muḽoro muthihi u kona u namedza vhana vha 5. Ndi vhana vhangana vhane vha nga endela zuu kha lwendo luthihi.

Complete the table.

Fhedzisani thebuḽu iyi.

	Cars Moḽoro	Number sentence Fhungombalo	Answer Phindulo
1	1 car Moḽoro wa 1	$1 \times 5 = 5$	5 children Vhana vha 5
2	2 cars Mimoḽoro ya 2	$2 \times 5 = 10$	10 children Vhana vha 10
3	3 cars Mimoḽoro ya 3		
4	4 cars Mimoḽoro ya 4		

	Cars Moḡoro	Number sentence Fhungombalo	Answer Phindulo
5	5 cars Mimodoro ya 5		
6	6 cars Mimodoro ya 6		
7	7 cars Mimodoro ya 7		
8	8 cars Mimodoro ya 8		
9	9 cars Mimodoro ya 9		

HOMEWORK TSHUNWAHAYA

Complete the number sequences counting in 5s:

Fhedzisani thevhekano iyi ya nomboro ni tshi shumisa dzi5:

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

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

Term 3 Lesson 9

Themo ya 3 Ngudo ya 9

5 times table (2)

Thebulo ya muandiso wa 5 (2)

What is the multiplication number sentence?

Fhungombalo la muandiso ndi lifhio?

	Repeated Addition Ndovhololo ya Muanganyo	Multiplication Muandiso
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 MUSHUMO WA KILASINI

Complete the table. Write repeated addition as multiplication.

Fhedzisani thebuḽu iyi. Nwalani ndovhololo ya muṭanganyo sa muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muṭanganyo	Answer Phindulo
1	6×5	$5 + 5 + 5 + 5 + 5 + 5$	
2	3×5		
3		$5 + 5$	
4	7×5		

HOMEWORK TSHUŊWAHAYA

Complete the table. Write repeated addition as multiplication.

Fhedzisani thebuḽu iyi. Nwalani ndovhololo ya muṭanganyo sa muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muṭanganyo	Answer Phindulo
1	2×5	$5 + 5$	
2	5×5		
3		$5 + 5 + 5 + 5$	
4	8×5		

Term 3 Lesson 10

Themo ya 3 Ngudo ya 10

Consolidation

U t̄anganya magudiswa

- 1 Complete the table. Write repeated addition as multiplication.
Fhedzisani thebuḽu iyi. Nwalani ndovhololo ya muḽanganyo sa muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muḽanganyo	Answer Phindulo
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.
Tambani mutambo wa magaraḽa wa thebuḽu ya nyandisa nga 5. Mudededzi waṅu vha ḽo ni ḽalutshedza milayo ya hone.

Term 3 Lesson 11

Themo ya 3 Ngudo ya 11

2 times table (1)

Thebuḽu ya muandiso wa 2 (2)

CLASSWORK MUSHUMO WA KILASINI

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

Kilasi ya Gireidi ya 2 i dzula kha bannga. Vhana vha 2 vha a kona u dzula kha bannga nthihi. Hu dzula vhana vhangana nga luthihi?

Complete the table.

Fhedzisani thebuḽu iyi.

	Benches Bannga	Number sentence Fhungombalo	Answer Phindulo
1	1 bench Bannga ya 1	$1 \times 2 = 2$	2 children Vhana vha 2
2	2 benches Bannga dza 2	$2 \times 2 = 4$	4 children Vhana vha 4
3	3 benches Bannga dza 3		
4	4 benches Bannga dza 4		
5	5 benches Bannga dza 5		
6	6 benches Bannga dza 6		
7	7 benches Bannga dza 7		

	Benches Bannga	Number sentence Fhungombalo	Answer Phindulo
8	8 benches Bannga dza 8		
9	9 benches Bannga dza 9		

HOMEWORK TSHUNWAHAYA

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

Arali hu na vhana vha 6, hu na milenzhe mingana yo ṭangana yo ṭhe?

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

Olani tshifanyiso tsha vhana ni tshi sumbedza tshivhalo tsha milenzhe.

Term 3 Lesson 12

Themo ya 3 Ngudo ya 12

2 times table (2)

Thebulu ya muandiso wa 2 (2)

What is the multiplication number sentence?

Fhungombalo la muandiso ndi lijhio?

	Repeated Addition Ndovhololo ya Muḡanganyo	Multiplication Muandiso
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 MUSHUMO WA KILASINI

Complete the table. Write repeated addition as multiplication.

Fhedzisani thebulu iyi. Nwalani ndovhololo ya mutanganyo sa muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Mu <u>t</u> anganyo	Answer Phindulo
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 TSHUNWAHAYA

Complete the table. Write repeated addition as multiplication.

Fhedzisani thebulu iyi. Nwalani ndovhololo ya mutanganyo sa muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Mu <u>t</u> anganyo	Answer Phindulo
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

Themo ya 3 Ngudo ya 13

Assessment

Ulinga

Term 3 Lesson 14

Themo ya 3 Ngudo ya 14

3 times table (I)

Thebuḽu ya muandiso wa 3 (I)

CLASSWORK MUSHUMO WA KILASINI

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

Kilasi ya Gireidi ya 2 i dzula nga zwigwada. Hu na vhana vha 3 kha tshigwada tshinwe na tshinwe. Hu na vhana vhangana nga luthihi?

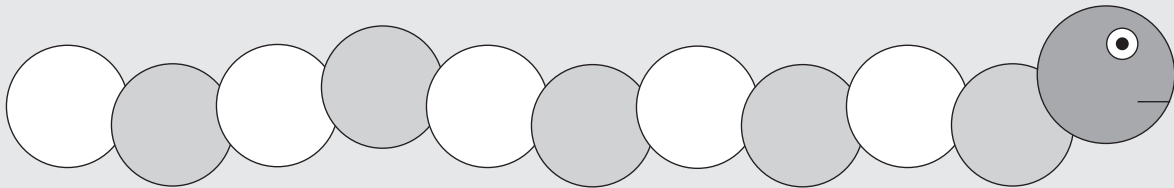
Complete the table.

Fhedzisani thebuḽu iyi.

	Groups Zwigwada	Number sentence Fhungombalo	Answer Phindulo
1	1 group Tshigwada tsha 1	$1 \times 3 = 3$	3 children Vhana vha 3
2	2 groups Zwigwada zwa 2	$2 \times 3 = 6$	6 children Vhana vha 6
3	3 groups Zwigwada zwa 3		
4	4 groups Zwigwada zwa 4		
5	5 groups Zwigwada zwa 5		

	Groups Zwigwada	Number sentence Fhungombalo	Answer Phindulo
6	6 groups Zwigwada zwa 6		
7	7 groups Zwigwada zwa 7		
8	8 groups Zwigwada zwa 8		
9	9 groups Zwigwada zwa 9		

HOMEWORK TSHUNWAHAYA



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

Vhalelani nga dzi3 ni thome kha 0 ni gume kha 27.

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

Nwalani nomboro dzanu ngomu ha zwitendeledzi zwa mutumbu wa tshivhungu.

Term 3 Lesson 15

Themo ya 3 Ngudo ya 15

Consolidation

U ṭanganya magudiswa

- 1 Complete the table. Write repeated addition as multiplication.

Fhedzisani thebuḽu iyi. Nwalani ndovhololo ya muṭanganyo sa muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muṭanganyo	Answer Phindulo
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:

Vhekanyani nomboro idzi dzi tshi thoma kha khulwanesesa dzi tshi ya kha tshukhusesa.

21, 12, 18, 24, 15.

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

Tambani mutambo wa magaraṭa wa thebuḽu ya nyandisa nga 2. Mudededzi wanu vha ḡo ni tḡalutshedza milayo ya hone.

Term 3 Lesson 16

Themo ya 3 Ngudo ya 16

3 times table (2)

Thebuḽu ya muandiso wa 3 (2)

What is the multiplication number sentence?

Fhungombalo ḽa muandiso ndi ḽifhio?

	Repeated Addition Ndovhololo ya Muḽanganyo	Multiplication Muandiso
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 MUSHUMO WA KILASINI

Complete the table. Write repeated addition as multiplication.

Fhedzisani thebuḽu iyi. Nwalani ndovhololo ya muṭanganyo sa muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muṭanganyo	Answer Phindulo
1	3×3	$3 + 3 + 3$	
2	5×3		
3		$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3$	
4	10×3		

HOMEWORK TSHUŊWAHAYA

Complete the table. Write repeated addition as multiplication.

Fhedzisani thebuḽu iyi. Nwalani ndovhololo ya muṭanganyo sa muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muṭanganyo	Answer Phindulo
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

Themo ya 3 Ngudo ya 17

4 times table (I)

Thebulo ya muandiso wa 4 (I)

CLASSWORK MUSHUMO WA KILASINI

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

Kilasi ya Gireidi ya 2 i dzula nga zwigwada. Hu na vhana vha 4 kha tshigwada tshinwe na tshinwe. Hu dzula vhana vhangana nga luthihi?

Complete the table.

Fhedzisani thebulo iyi.

	Groups Zwigwada	Number sentence Fhungombalo	Answer Phindulo
1	1 group Tshigwada tsha 1	$1 \times 4 = 4$	4 children Vhana vha 4
2	2 groups Zwigwada zwa 2	$2 \times 4 = 8$	8 children Vhana vha 8
3	3 groups Zwigwada zwa 3		
4	4 groups Zwigwada zwa 4		
5	5 groups Zwigwada zwa 5		

	Groups Zwigwada	Number sentence Fhungombalo	Answer Phindulo
6	6 groups Zwigwada zwa 6		
7	7 groups Zwigwada zwa 7		
8	8 groups Zwigwada zwa 8		
9	9 groups Zwigwada zwa 9		

HOMEWORK TSHUŊWAHAYA

Complete the table. Write repeated addition as multiplication.

Fhedzisani thebuḽu iyi. Nwalani ndovhololo ya muṭanganyo sa muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muṭanganyo	Answer Phindulo
1	2×4	$4 + 4$	
2	4×4		
3		$4 + 4 + 4 + 4 + 4$	
4	6×4		
5		$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4$	

Term 3 Lesson 18

Themo ya 3 Ngudo ya 18

4 times table (2)

Thebulo ya muandiso wa 4 (2)

What is the multiplication number sentence?

Fhungombalo la muandiso ndi lifhio?

	Repeated Addition Ndovhololo ya Mutanganyo	Multiplication Muandiso
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 MUSHUMO WA KILASINI

Complete the table. Write repeated addition as multiplication.

Fhedzisani thebuḽu iyi. Bhala Ndovhololo ya Muḽanganyo sa Muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muḽanganyo	Answer Phindulo
1	4×4	$4 + 4 + 4 + 4$	
2	6×4		
3		$4 + 4 + 4 + 4 + 4$	
4	8×4		

HOMEWORK TSHUḼWAHAYA

Complete the table. Write repeated addition as multiplication.

Fhedzisani thebuḽu iyi. Ḽwalani ndovhololo ya muḽanganyo sa muandiso.

	Multiplication Muandiso	Repeated Addition Ndovhololo ya Muḽanganyo	Answer Phindulo
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

Themo ya 3 Ngudo ya 19

Assessment

Ulinga

Term 3 Lesson 20

Themo ya 3 Ngudo ya 20

Consolidation

U t̄anganya magudiswa

- 1 Complete the table.

Fhedzisani thebūlu iyi.

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

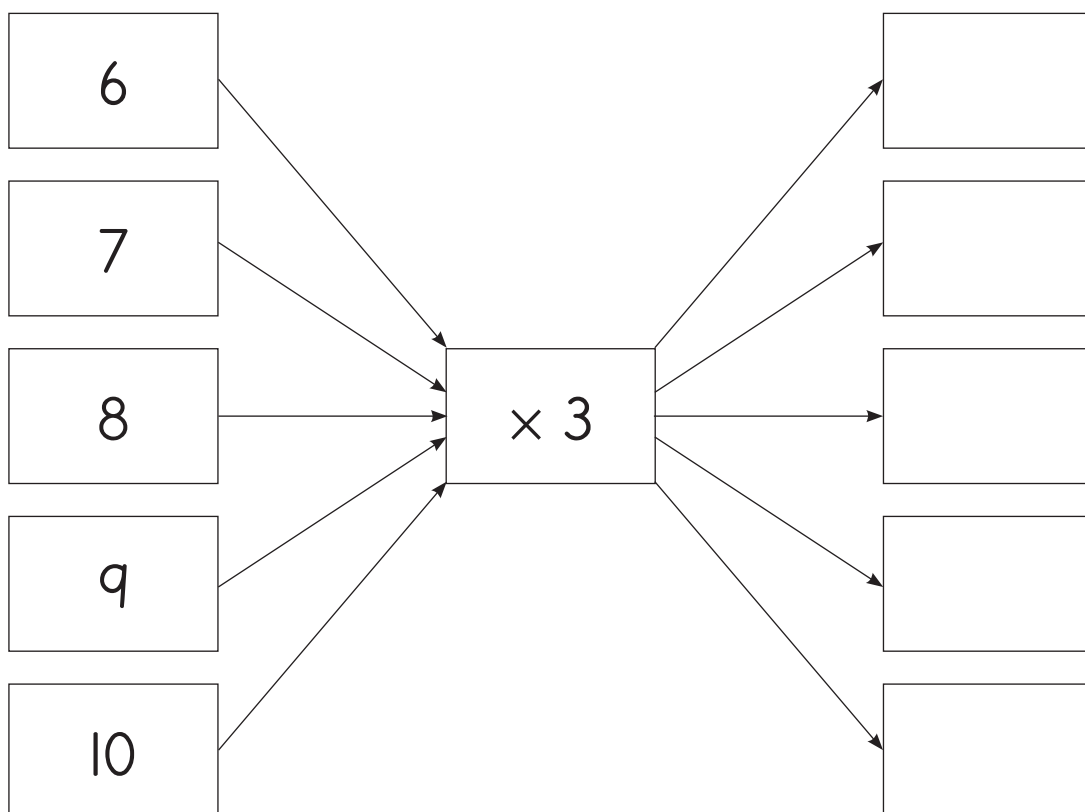
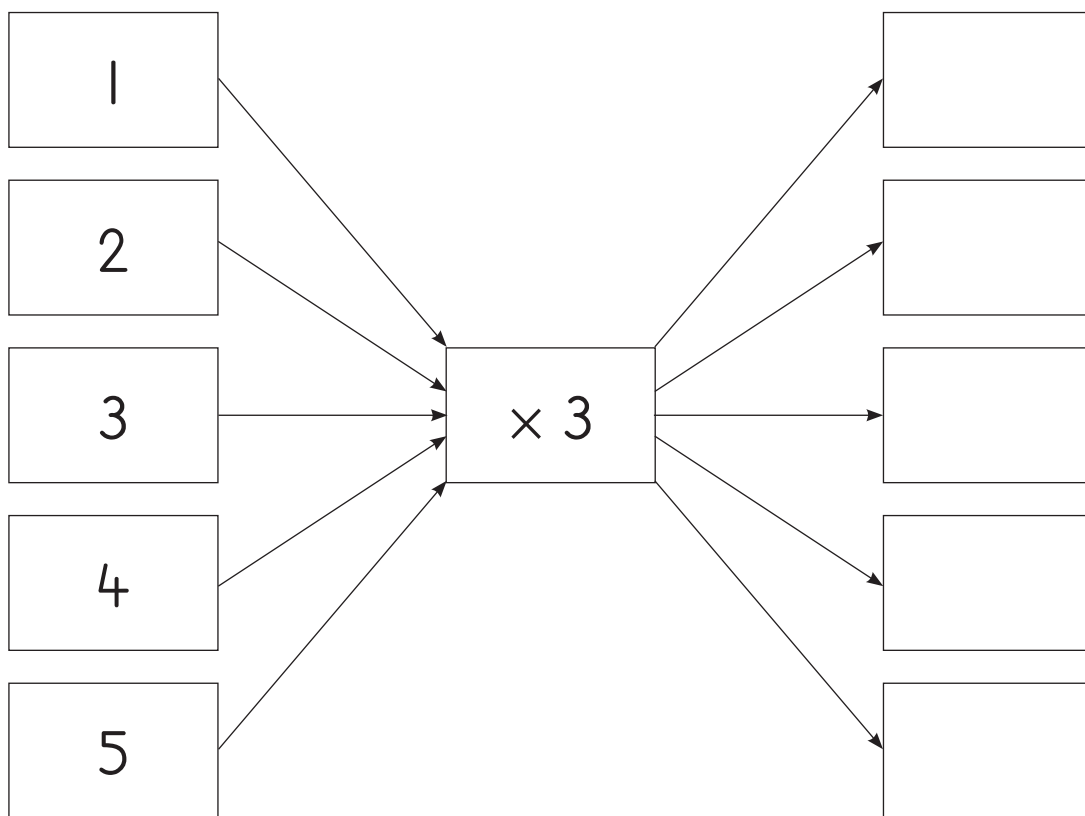
- 2 Complete the table.

Fhedzisani thebūlu iyi.

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

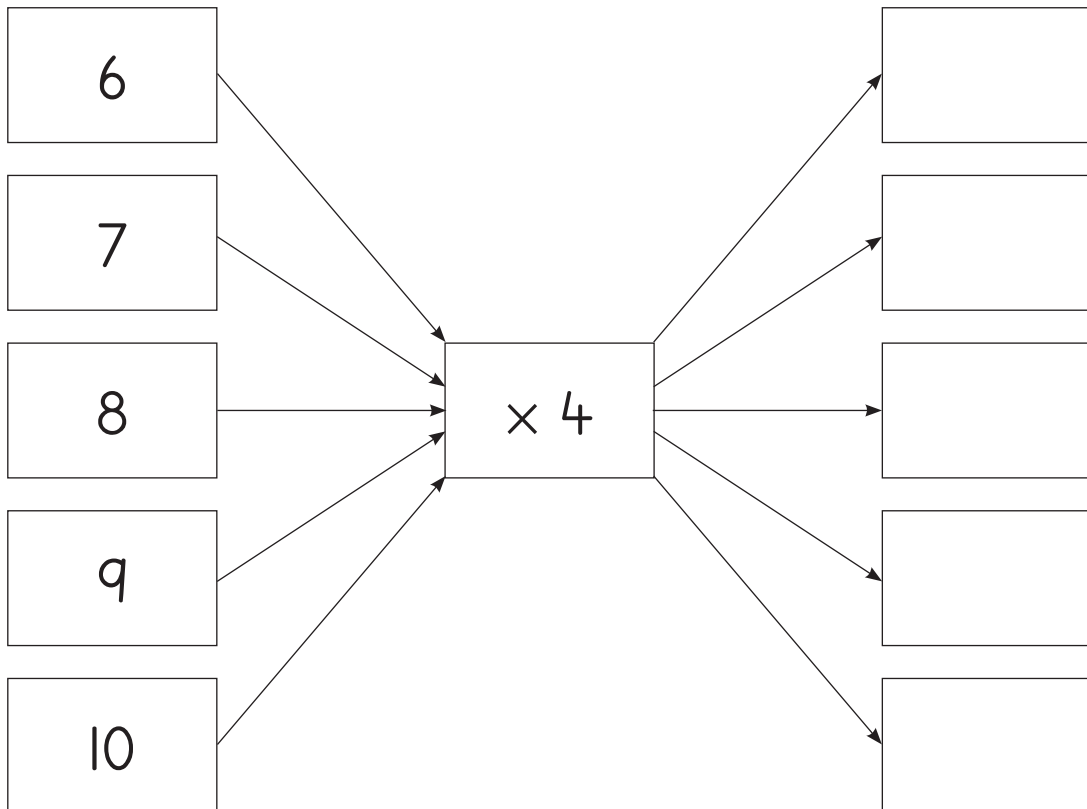
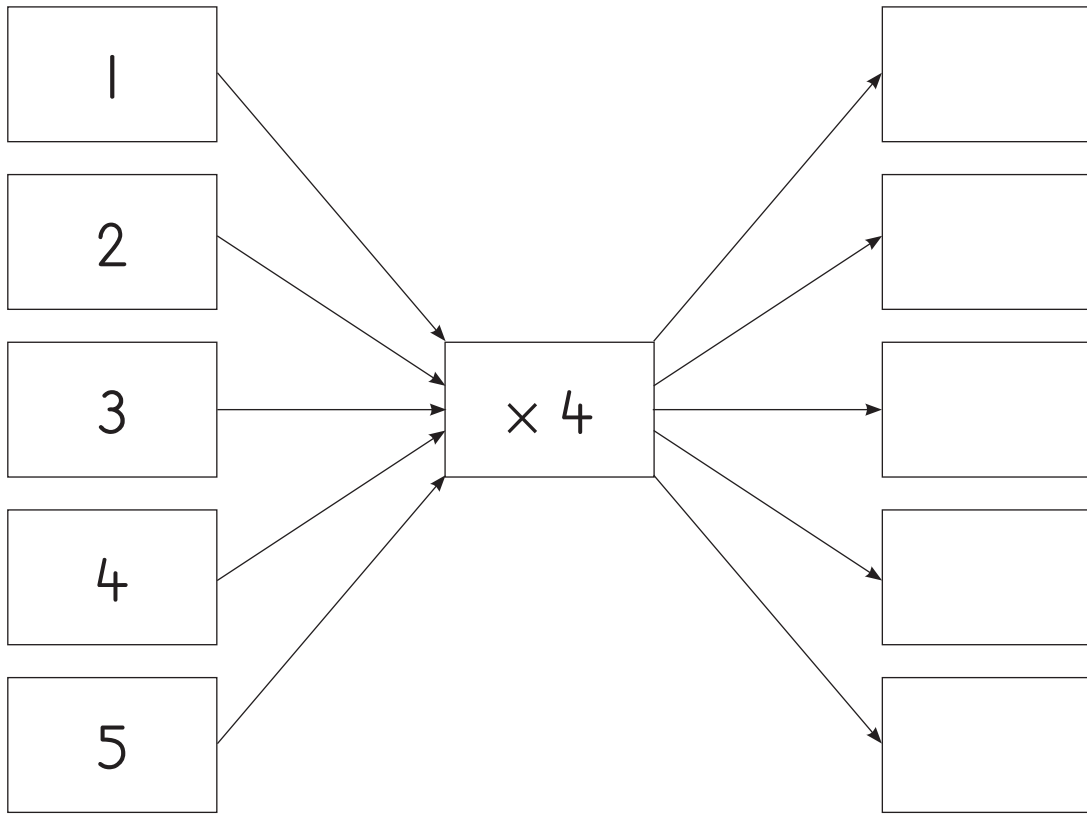
3 Complete.

Fhedzisani.



4 Complete.

Fhedzisani.



- 5 Play the 3 and 4 times table card games. Your teacher will explain the rules.
Tambani mutambo wa magaraṭa wa thebuḽu ya nyandisa nga 3 na 4.
Mudededzi waṅu vha ḡo ni ṭalutshedza milayo ya hone.

Term 3 Lesson 21

Themo ya 3 Ngudo ya 21

Multiplication using arrays

Muandiso hu tshi shumiswa mitevhe

CLASSWORK MUSHUMO WA KILASINI

- 1 Mangoes are R5 each. Thompho buys 3 mangoes. How much does she pay?
Manngo a dūra R5 lithihi. Thompho u renga manngo a 3. U badela vhugai?

a Number sentence:

Fhungombalo: _____.

b She pays R _____.

U badela R _____.

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

Ndi na phakethe dza 4 dza malegere. Hu na malegere a 2 phaketheni inwe na inwe. Ndi na malegere mangana?

a Number sentence:

Fhungombalo: _____.

b You have _____ sweets.

Ni na malegere a _____

HOMEWORK TSHUŊWAHAYA

Complete the table.

Fhedzisani thebuḽu iyi.

		Reverse the factors Shandani nomborombumbi
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

Themo ya 3 Ngudo ya 22

Creating multiplication stories

U sika zwiṭori zwa muandiso

CLASSWORK MUSHUMO WA KILASINI

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

Vhagudi vha vhekanya garaṭa dza muandiso nga ngona u itela thebuḽu dza muandiso dzi tevhelaho:

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.

Tambani mutambo wa magaraṭa wa thebuḽu ya nyandisa nga 2 u swika kha 5. Mudededzi waṅu vha ḡo ni ṭalutshedza milayo ya hone.

HOMEWORK TSHUŊWAHAYA

	What is ... ? Dzi vhumba mini ...?	Answer Phindulo
a	$5 \times 2 =$	
b	$3 \times 3 =$	
c	$5 \times 4 =$	
d	$1 \times 5 =$	
e	$2 \times 4 =$	

Term 3 Lesson 23

Themo ya 3 Ngudo ya 23

Multiplication word problems (I)

Thaidzo/mbalo dza maipfi dza muandiso (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 MUSHUMO WA KILASINI

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

Tambani mutambo wa magaraṭa wa thebuḽu ya nyandisa nga 2 u swika kha 5.
Mudededzi waṅu vha ḽo ni ṭalutshedza milayo ya hone.

HOMEWORK TSHUṂWAHAYA

Complete the following table.

Fhedzisani/ḽadzani thebuḽu i tevheleho:

	1	2	3	4	5	6	7	8	9
× 4									

Term 3 Lesson 24

Themo ya 3 Ngudo ya 24

Multiplication word problems (2)

Thaidzo/mbalo dza maipfi dza muandiso (2)

CLASSWORK MUSHUMO WA KILASINI

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

Tambani mutambo wa magarata wa thebuḽu ya nyandisa nga 2 u swika kha 5. Mudededzi waṅu vha ḡo ni ṭalutshedza milayo ya hone.

HOMEWORK TSHUṂWAHAYA

	What is ... ? Dzi vhumba mini ...?	Answer Phindulo
a	$5 \times 4 =$	
b	$3 \times 5 =$	
c	$5 \times 2 =$	
d	$7 \times 4 =$	
e	$6 \times 3 =$	

Term 3 Lesson 25

Themo ya 3 Ngudo ya 25

Consolidation

U ṭanganya magudiswa

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

Hu na zwigwada zwa 5 zwa vhana. Hu na vhana vha 3 kha tshigwada tshinwe na tshinwe. Hu na vhana vhangana vho ṭangana vho ṭhe?

- 2 Calculate using the multiplication tables.

Rekanyani ni tshi shumisa thebuḽu dza muandiso.

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

Themo ya 3 Ngudo ya 26

Assessment

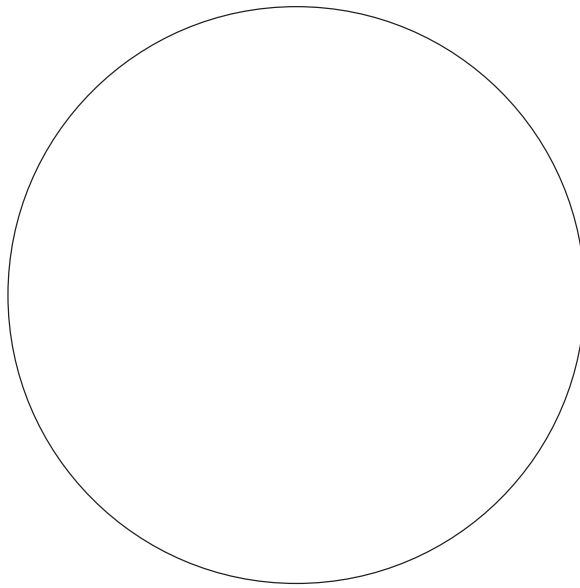
Ulinga

Term 3 Lesson 27

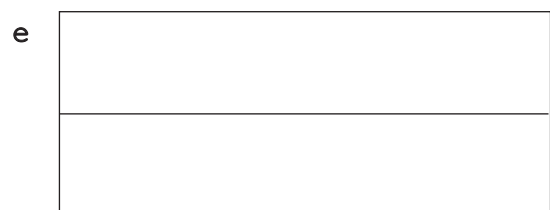
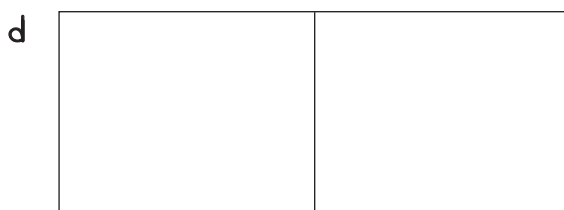
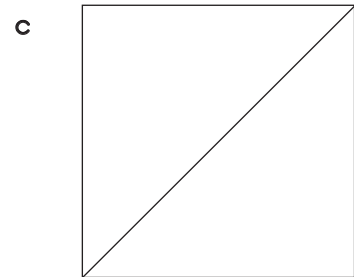
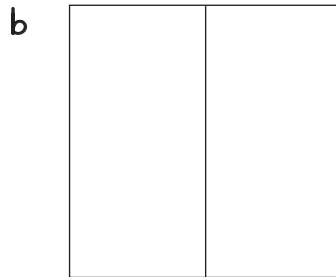
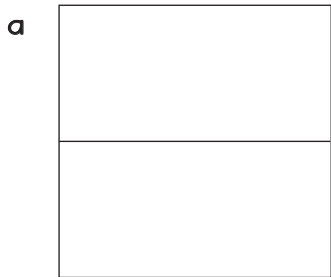
Themo ya 3 Ngudo ya 27

Fractions - Half

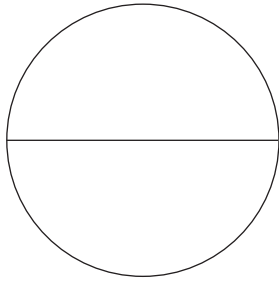
Furakhisheni - Hafu



CLASSWORK MUSHUMO WA KILASINI

1 Shade in $\frac{1}{2}$ of each shape.Zwifhadzani $\frac{1}{2}$ ya tshivhumbeo tshinwe na tshinwe.

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 na Mbali vha kovhekana baphathi 1 a 1 a tshoko leithi u itela uri muṅwe na muṅwe wavho a wane zwi no lingana. Mbali uri muṅwe na muṅwe wavho u tea u dzhia hafu. Ndi zwone? Olani tshifanyiso tshi no sumbedza phindulo yaṅu.

HOMEWORK TSHUṂWAHAYA

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

Olani tshifanyiso tsha khekhe ya tshitendeledzi. Inwi na khonani yaṅu Ntombi kovhekanani khekhe iyi nga u lingana.

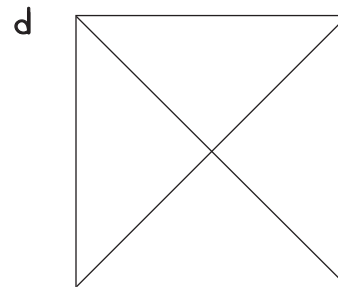
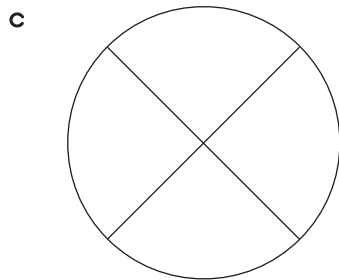
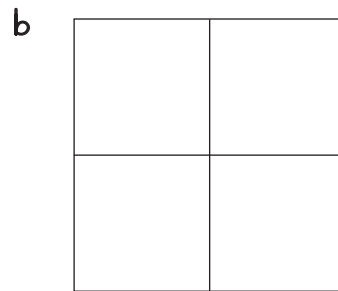
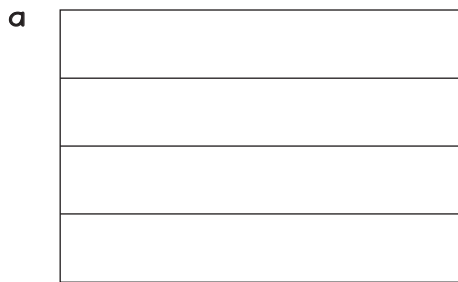
Term 3 Lesson 28

Themo ya 3 Ngudo ya 28

Fractions - Quarter

Amaqhezu - Ikota

CLASSWORK MUSHUMO WA KILASINI

Shade $\frac{1}{4}$ of each shape.Swifhadzani $\frac{1}{4}$ ya tshivhumbeo tshinwe na tshinwe.

HOMEWORK TSHUŊWAHAYA

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

Ndo tshea apula $\frac{1}{4}$ a bva dzikota. Ndi vhana vhangana vhane vha nga wana zwipiḡa zwa saizi nthihi zwa apula $\frac{1}{4}$?

Term 3 Lesson 29

Themo ya 3 Ngudo ya 29

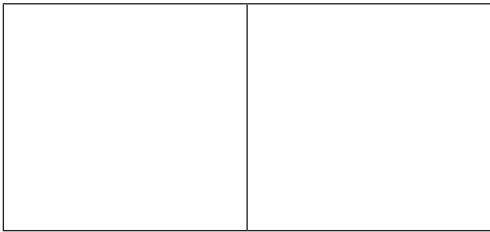
Fractions - Eighth

Furakhisheni - Tshamalo

CLASSWORK MUSHUMO WA KILASINI

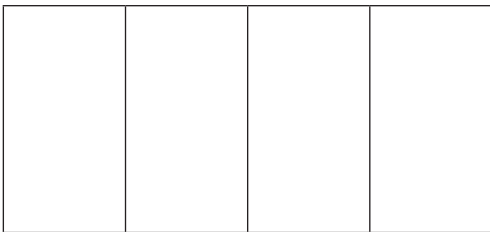
- 1 Divide the rectangle into halves. Shade in $\frac{1}{2}$.

Fhandulani rekhithiengele i bve dzihafu. Swifhadzani $\frac{1}{2}$.



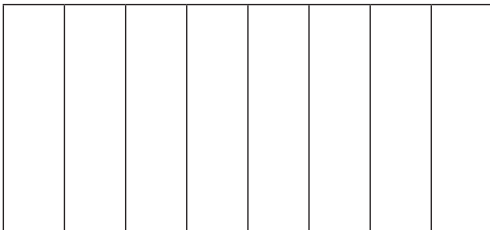
- 2 Divide the rectangle into quarters. Shade in $\frac{1}{4}$.

Fhandulani rekhithiengele i bve dzikota. Swifhadzani $\frac{1}{4}$.



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

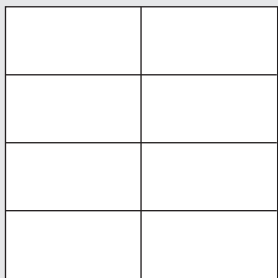
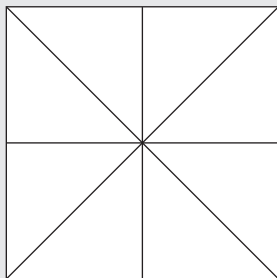
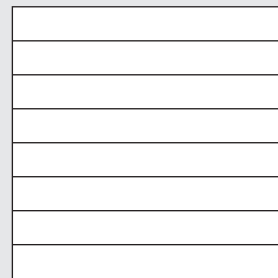
Fhandulani rekhithiengele i bve zwamalo. Swifhadzani $\frac{1}{8}$.



HOMEWORK TSHUŊWAHAYA

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

Swifhadzani $\frac{1}{8}$ tsha tshikwea tshinwe na tshinwe.

a**b****c**

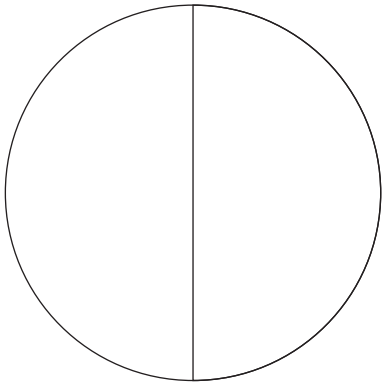
Term 3 Lesson 30

Themo ya 3 Ngudo ya 30

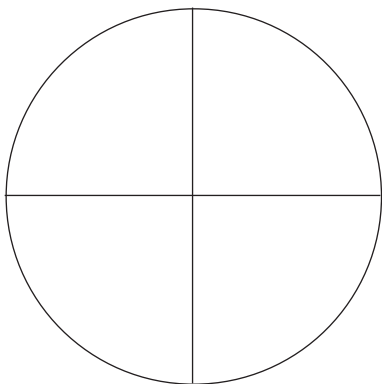
Consolidation

U ṭanganya magudiswa

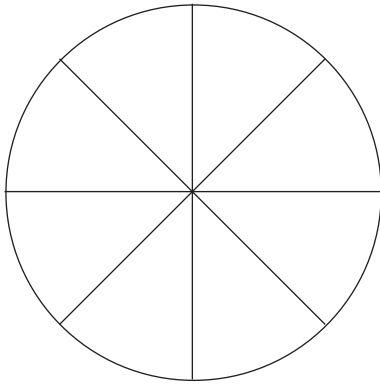
- 1 Shade in $\frac{1}{2}$ of the circle.
Swifhadzani $\frac{1}{2}$ ya tshitendeledzi.



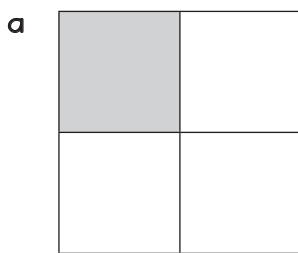
- 2 Shade in $\frac{1}{4}$ of the circle.
Swifhadzani $\frac{1}{4}$ ya tshitendeledzi.

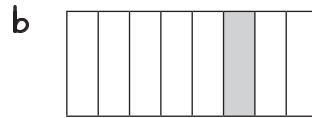


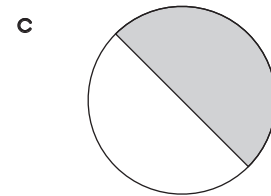
- 3 Shade in $\frac{1}{8}$ of the circle.
 Swifhadzani $\frac{1}{8}$ ya tshitendeledzi.



- 4 What fraction of the shape is shaded?
 Ndi furakhisheni ifhio ya tshivhumbeo ye ya swifhadzwa?







Term 3 Lesson 31

Themo ya 3 Ngudo ya 31

Assessment

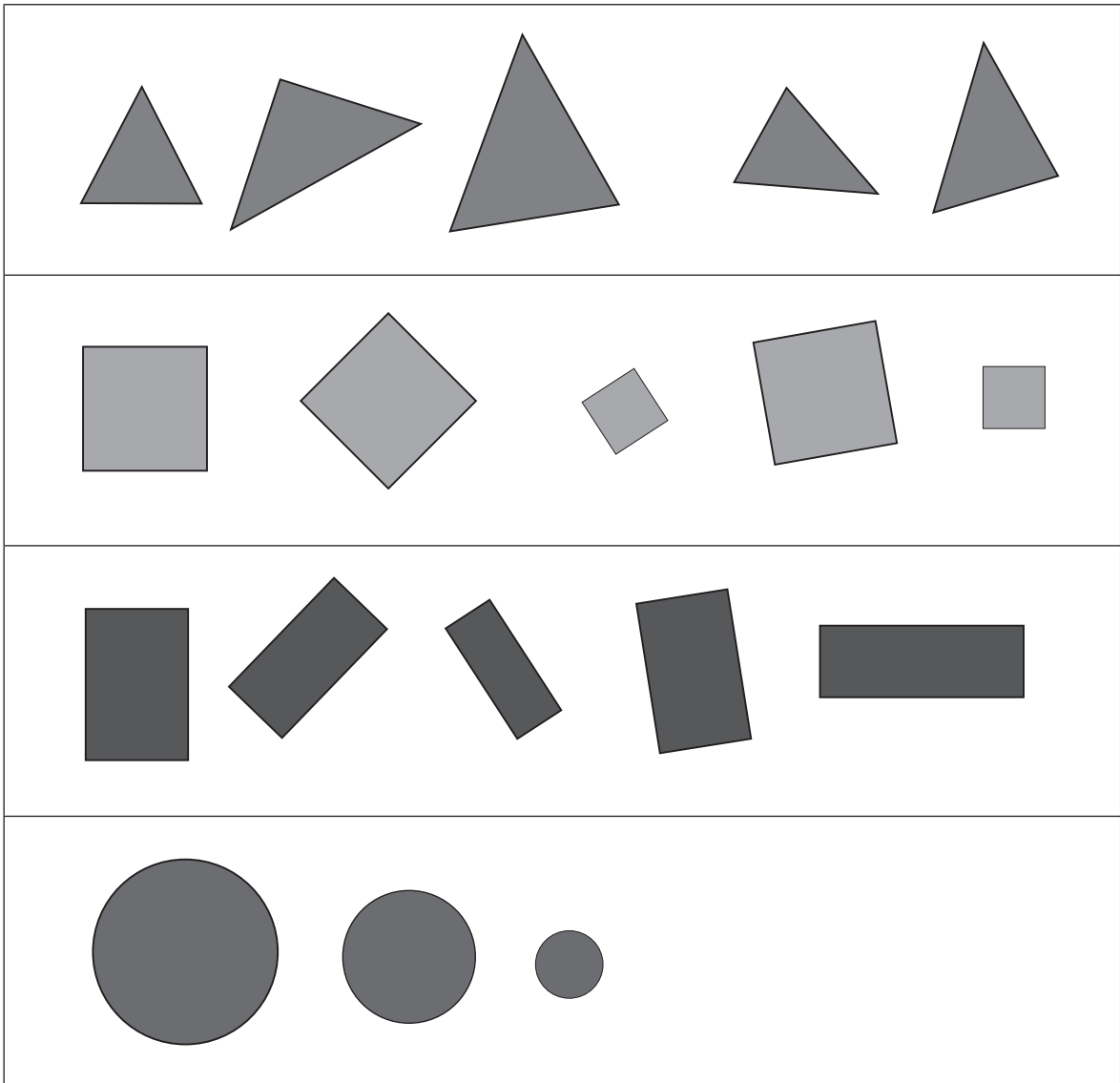
Ulinga

Term 3 Lesson 32

Themo ya 3 Ngudo ya 32

2-D shapes (I)

Zwivhumbeo zwa 2-D (I)



CLASSWORK MUSHUMO WA KILASINI

- 1 Draw a square in two different positions.

Olani tshikwea tshi kha vhuimo huvhili ho fhambanaho.

- 2 Draw a triangle in two different positions.

Olani thiraiengele i kha vhuimo huvhili ho fhambanaho.

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

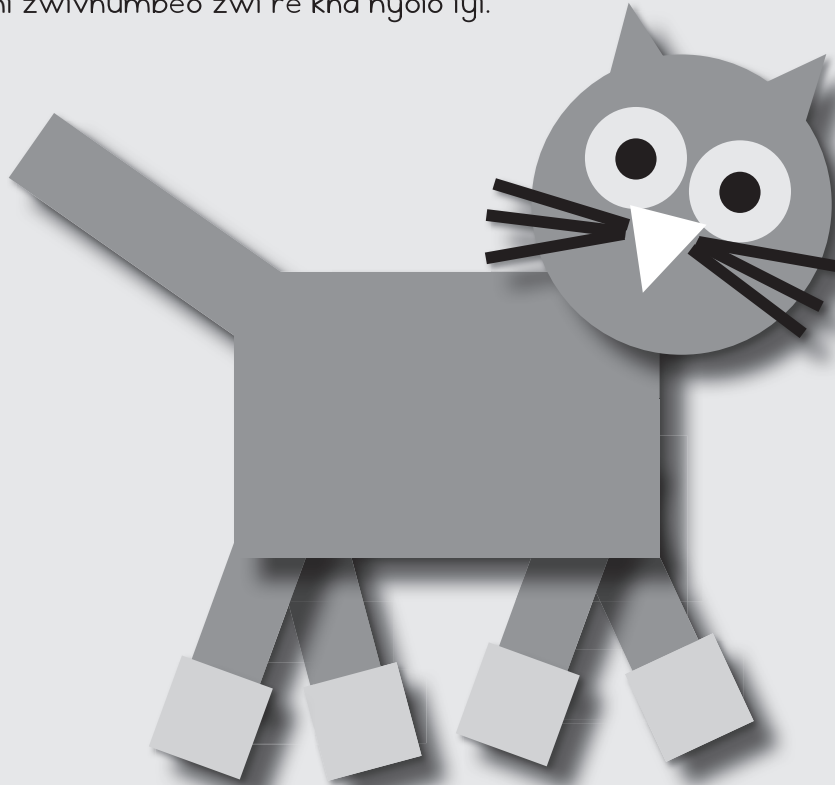
Olani tshifanyiso ni tshi shumisa zwivhumbeo zwo fhambanaho. Vhalani uri ho shumiswa thiraiengele nngana, zwickwea zwingana na rekhithiengele nngana kha tshifanyiso itsho.

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

Khalarani tshifanyiso tshanu ni tshi shumisa muvhala mutswuku, wa lutombo, wa taga na mudala.

HOMEWORK TSHUŊWAHAYA

- 1 Count the shapes in the drawing:
Vhalani zwivhumbeo zwi re kha nyolo iyi.



- a Triangles
Thiraiengele _____ .
- b Squares
Zwikwea _____ .
- c Rectangles
Rekhithiengele _____ .
- d Circles
Zwitendeledzi _____ .
- 2 If you change the position of a shape does the shape change?
Arali na nga shandukisa kudzulele kwa tshivhumbeo tshivhumbeo tshi a shanduka naa?

Term 3 Lesson 33

Themo ya 3 Ngudo ya 33

2-D shapes (2)

Zwivhumbeo zwa 2-D (2)

CLASSWORK MUSHUMO WA KILASINI

1 Draw and name two shapes with straight sides.

Olani na u bula zwivhumbeo zwivhili zwi re na vhurumbutswititi.

2 Draw and name a shape with round sides.

Olani na u bula zwivhumbeo zwivhili zwi re na vhurumbu ha zwipulumbu.

- 3 Use all the shapes you know of with straight sides to draw your own picture.

Shumisani zwivhumbeo zwothe zwa vhurumbutswititi zwine na zwi divha kha u ola tshifanyiso tsha inwi muṅe.

- 4 Use all the shapes you know of with round sides to draw your own picture.

Shumisani zwivhumbeo zwothe zwa vhurumbu ha zwipulumbu zwine na zwi divha kha u ola tshifanyiso tsha inwi muṅe.

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

Nangani tshivhumbeo tshithihi tshi re na vhurumbutswititi na tshithihi tshi re na vhurumbu ha zwipulumbu kha u ita tshifanyiso tsha inwi muṅe.

HOMEWORK TSHUNWAHAYA

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

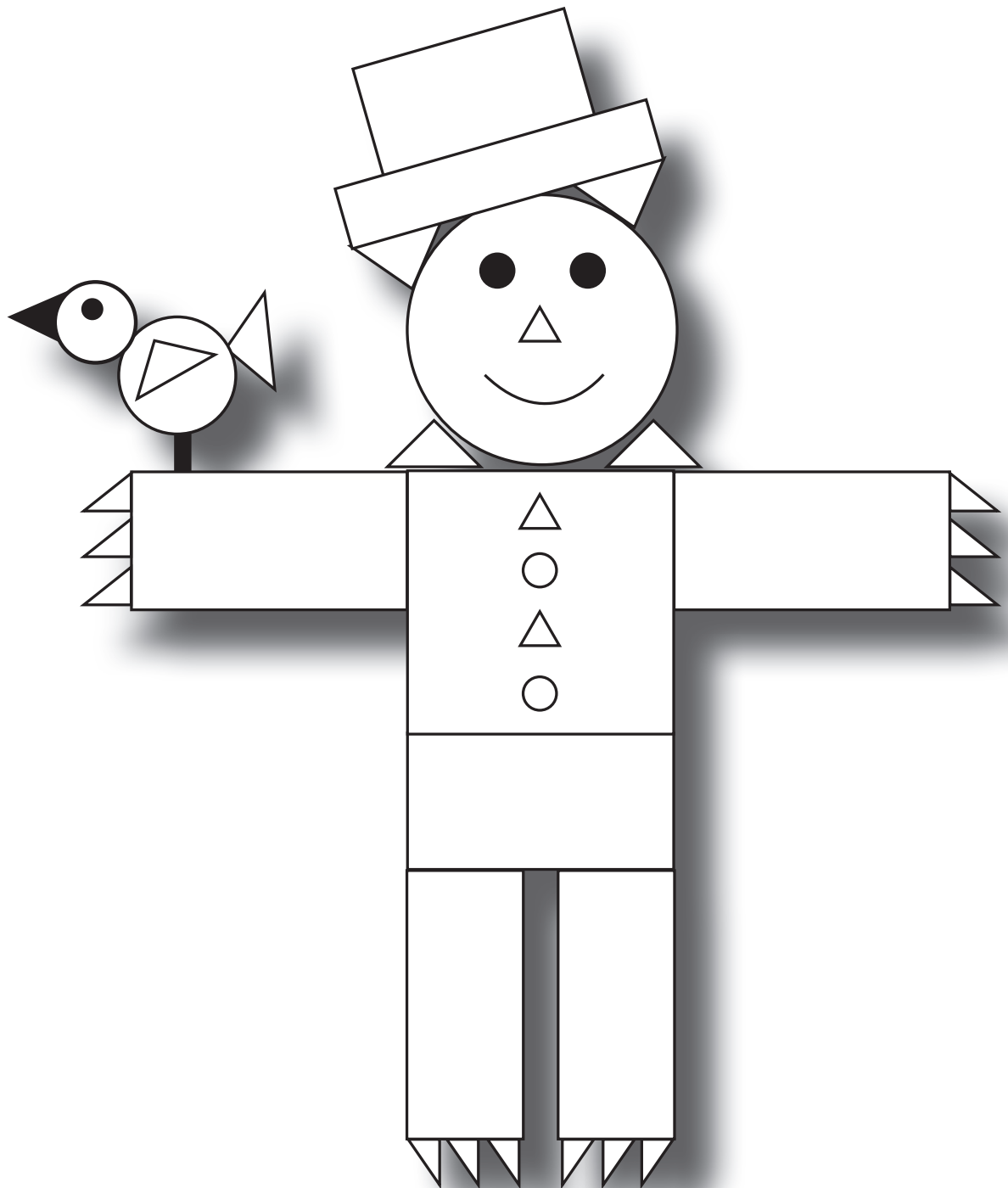
Dizainani mođoro ni tshi shumisa zwivhumbeo zwi tevhelaho: zwitendeledzi zwa 2, rekhithiengele dza 2, zwikwea zwa 3 na thiraiengele dza 2.

Term 3 Lesson 34

Themo ya 3 Ngudo ya 34

2-D shapes (3)

Zwivhumbeo zwa 2-D (3)



CLASSWORK MUSHUMO WA KILASINI

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

Wanani maipfi a tevhelaho kha t̄halamaipfi iyi ni kha are ipfi inwe na inwe nga mivhala i sa fani:

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.

Olani na u \angle eibu \angle a zwivhumbeo zwe na zwi topola kha \angle halamaipfi.

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

Phambano vhukati ha tshikwea na thiraiengele ndi ifhio?

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

Phambano vhukati ha tshitendeledzi na tshikwea ndi ifhio?

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

Olani zwikwea zwiraru zwa saizi dzo fhambanaho, u thoma kha tshi \angle ukusesa u ya kha tshihulwanesesa.

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

Olani zwitendeledzi zwiraru zwa saizi dzo fhambanaho, u thoma kha tshitukusesa u ya kha tshihulwanesesa.

HOMEWORK TSHUŊWAHAYA

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

Olani thiraiengele tharu dza saizi dzo fhambanaho, u thoma kha tshukusesa u ya kha khulwanesesa.

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

Olani rekhithiengele tharu dza saizi dzo fhambanaho, u thoma kha tshukusesa u ya kha khulwanesesa.

Term 3 Lesson 35

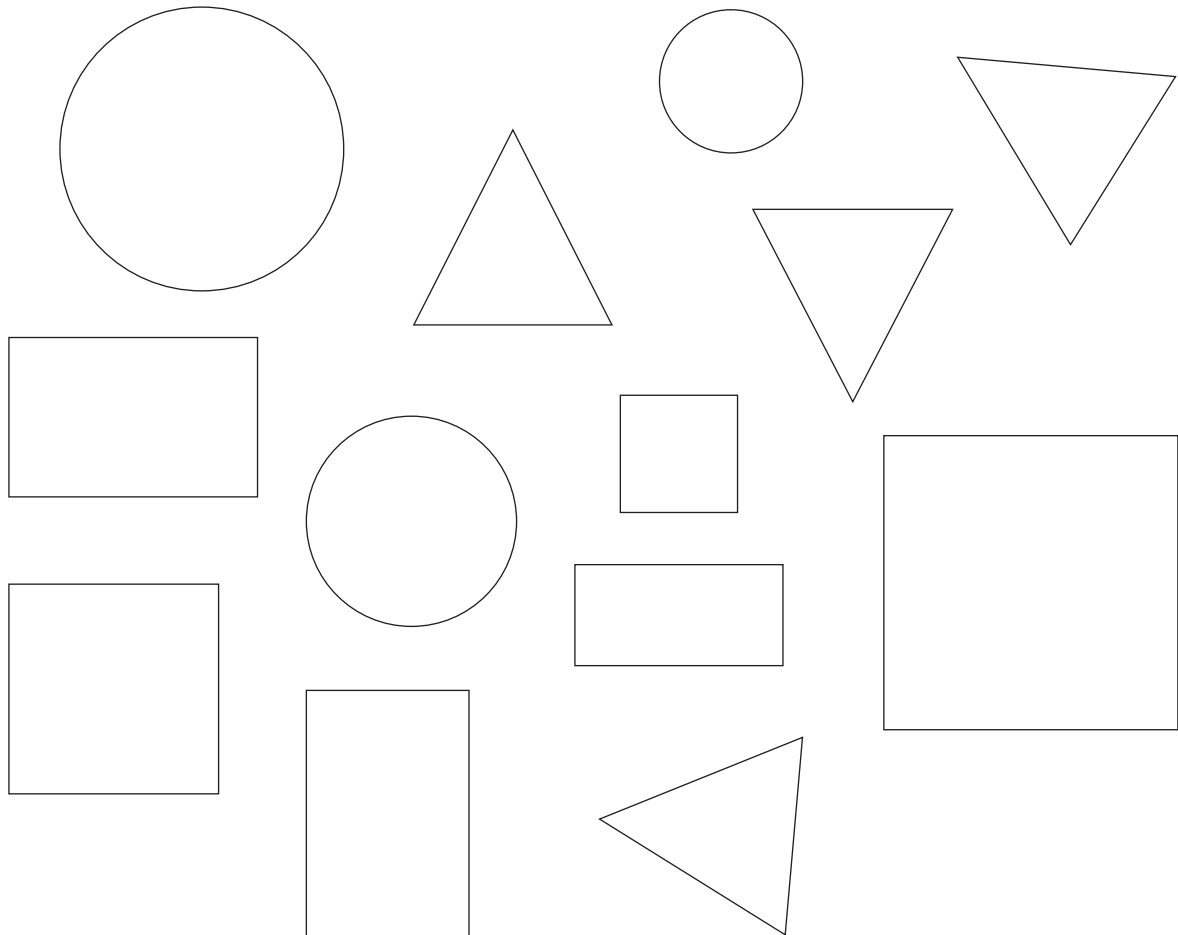
Themo ya 3 Ngudo ya 35

Consolidation

U t̄anganya magudiswa

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

Khaḷarani zwikwea nga muvhala mutswuku, thiraiengele nga mudala, zwitendeledzi nga wa lutombo na rekhithiengele nga muḷada.



- 2 How many triangles are there?

Hu na thiraiengele nngana? _____

3 How many circles are there?

Hu na zwitendeledzi zwingana? _____

4 How many rectangles are there?

Hu na rekhithiengele nngana? _____

5 How many squares are there?

Hu na zwickwea zwingana? _____

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

Ñwalani kha tshivhumbeo tshinwe na tshinwe uri tshi na vhurumbu ha zwipulumbu kana vhurumbutswititi naa.

Term 3 Lesson 36

Themo ya 3 Ngudo ya 36

2-D shapes (4)

Zwivhumbeo zwa 2-D (4)

CLASSWORK MUSHUMO WA KILASINI

- 1 Draw a house using the following shapes:
Olani nngu ni tshi shumisa zwivhumbeo zwi tevhelaho:
 - a 2 circles/zwitendeledzi zwa 2
 - b 4 rectangles/rekhithiengele dza 4
 - c 1 triangle/thiraiengele ya 1
 - d 2 squares/zwikwea zwa 2

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

Khaxarani zwivhumbeo zwi re kha nngu nga ndila i tevhelaho:

a One red circle

Tshitendedzi tshitswuku tshithihi

b One green rectangle

Rekhithiengele dala nthihi

c One yellow triangle

Thiraiengele ya txada nthihi

d One blue square

Tshikwea tsha lutombo tshithihi

HOMEWORK TSHUŊWAHAYA

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

Olani tshifanyiso ni tshi shumisa zwivhumbeo zwo fhambanaho ni tshi khalare nga ngila ine na funa.

- 2 Write about how you coloured your shapes.

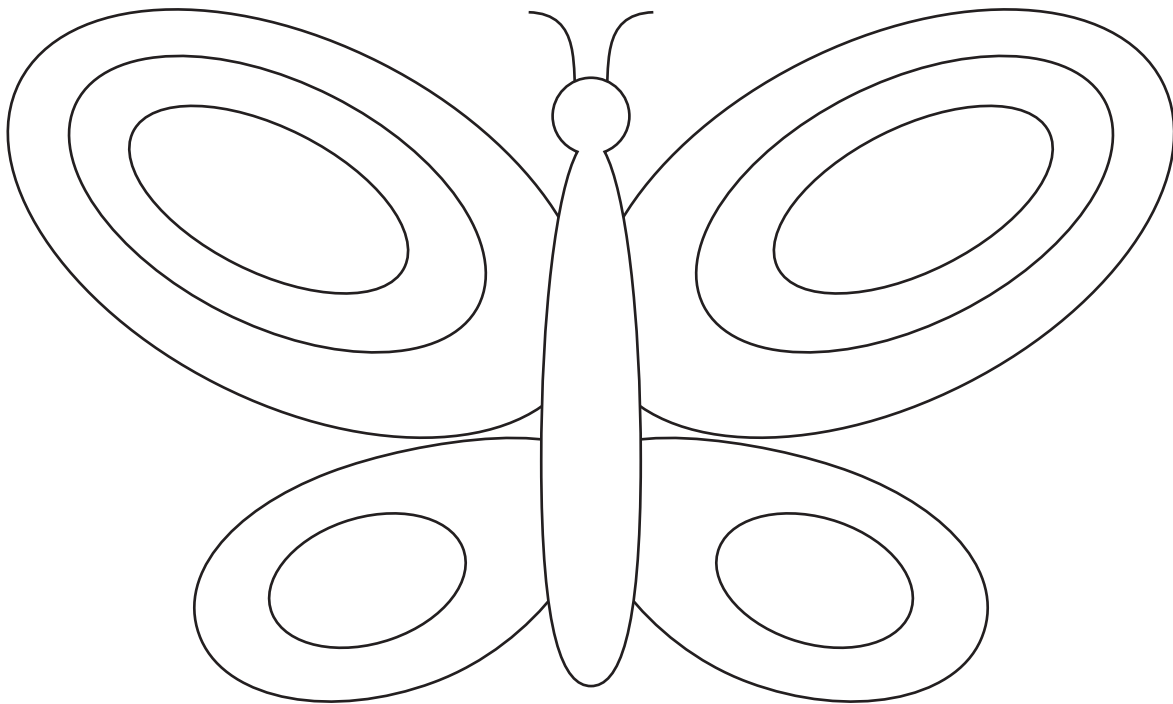
Ŋwalani zwi no ri tšalutshedza ngila ye na khalara ngayo zwivhumbeo zwanu.

Term 3 Lesson 37

Themo ya 3 Ngudo ya 37

Symmetry (I)

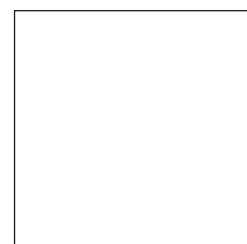
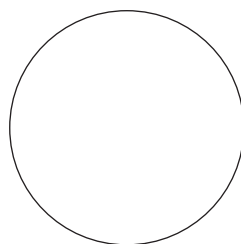
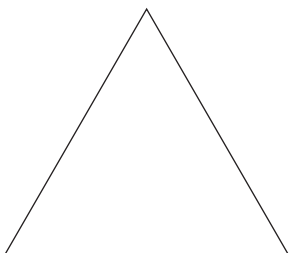
Ndinganahuvhili (I)



CLASSWORK MUSHUMO WA KILASINI

I Draw lines of symmetry on the following shapes.

Talani mutalo wa ndinganahuvhili kha zwivhumbeo zwi tevhelaho.



- 2 Draw the lines of symmetry in these butterflies.

Talani mutalo wa ndinganahuvhili kha zwisusu izwi.



- 3 Draw a circle.

Olani tshitendeledzi.

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

Ndi mitalo mingana ya ndinganahuvhili ine na nga i tala kha tshitendeledzi?

- 4 Draw a face.

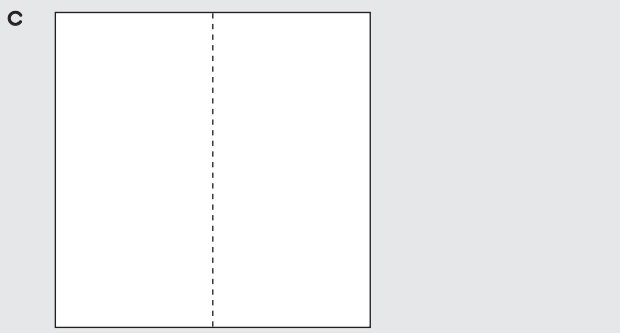
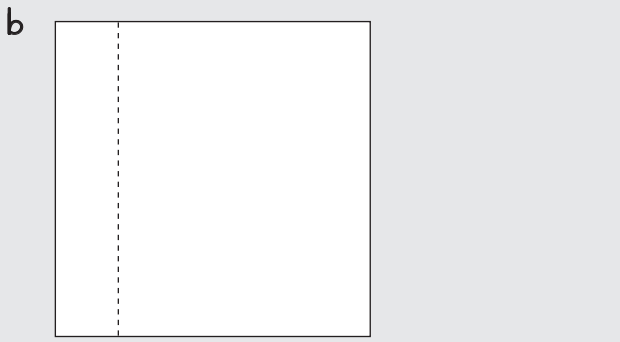
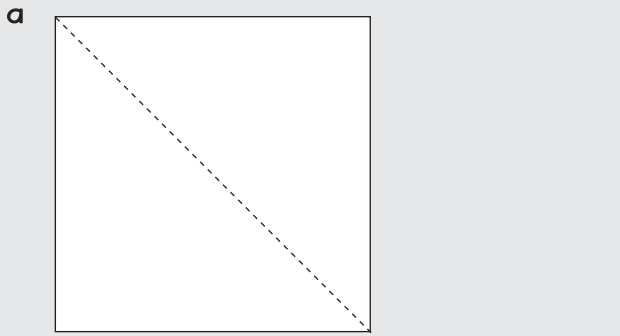
Olani tshifhatuwo.

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

Ndi mitalo mingana ya ndinganahuvhili ine na nga i tala kha tshifhatuwo?

HOMEWORK TSHUNWAHAYA

Do the drawings below show a line of symmetry? Answer yes or no each time.
Nyolo dzi re afho fhasi dzi a sumbedza mutaladzi/mutalo wa ndinganahuvhili?
Fhindulani uri ee kana hai tshifhinga tsho^othe.

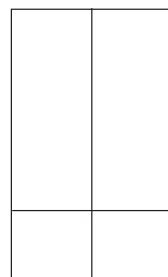
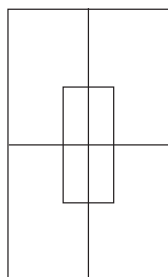
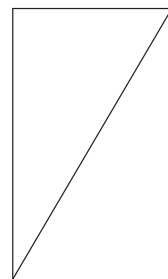
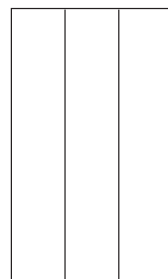
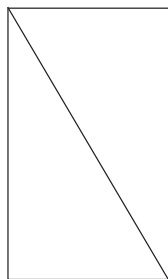
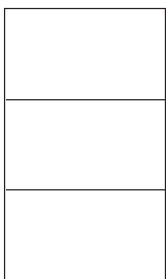
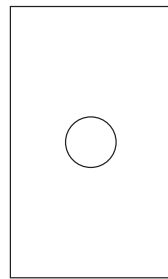
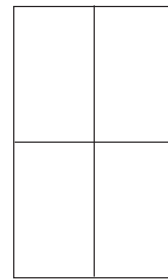
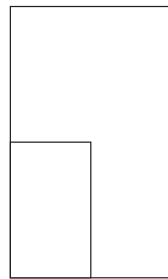
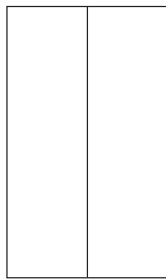
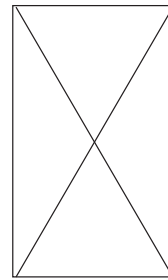
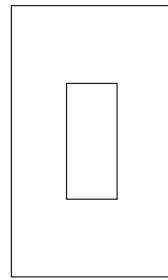
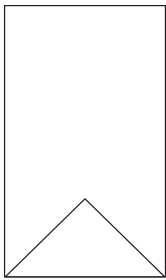


Term 3 Lesson 38

Themo ya 3 Ngudo ya 38

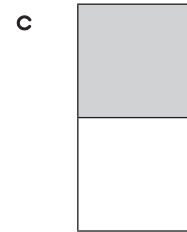
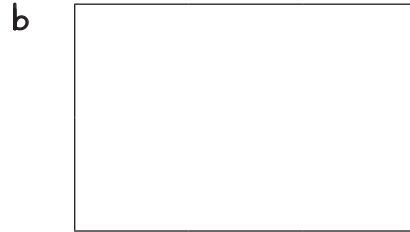
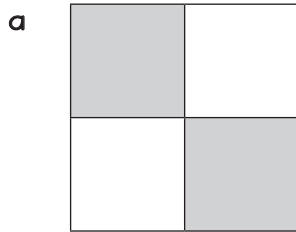
Symmetry (2)

Ndinganahuvhili (2)



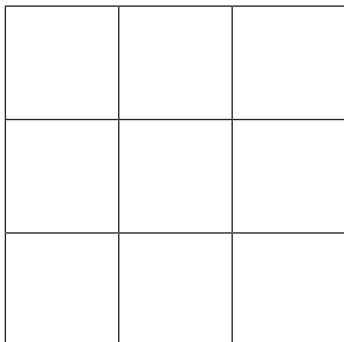
CLASSWORK MUSHUMO WA KILASINI

- 1 How many lines of symmetry can you draw in these shapes? Draw them.
 Ni nga tala mitalo ya ndinganahuvhili mingana kha zwivhumbeo izwi. I taleni.

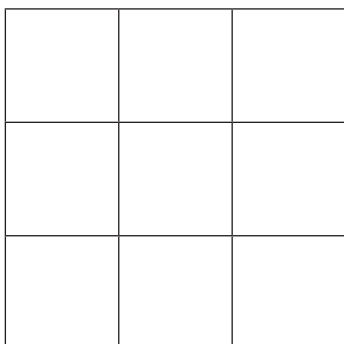


- 2 Use the grid to make a symmetrical design.
 Shumisani giridi iyi kha u ita dizaini ya ndinganahuvhili.

- a** Make a pattern in it that has 2 lines of symmetry.
 Itani phetheni nga ngomu i re na mitalo ya ndinganahuvhili ya 2.



- b** Make a pattern in it that has 4 lines of symmetry.
 Itani phetheni nga ngomu i re na mitalo ya ndinganahuvhili ya 4.



HOMEWORK TSHUŊWAHAYA

1 Draw a shape with:

Olani tshivhumbeo tshi re na:

a One line of symmetry.

Mutaladzi wa ndinganahuvhili muthihi.

b Two lines of symmetry.

Mitalo ya ndinganahuvhili mivhili.

c Four lines of symmetry.

Mitalo ya ndinganahuvhili miṅa.

2 Draw the lines of symmetry in your shapes.

Talani mitalo ya ndinganahuvhili ngomu ha zwivhumbeo zwaṅu.

Term 3 Lesson 39

Themo ya 3 Ngudo ya 39

Assessment

Ulinga

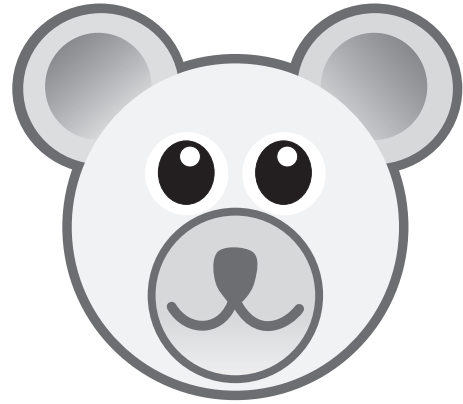
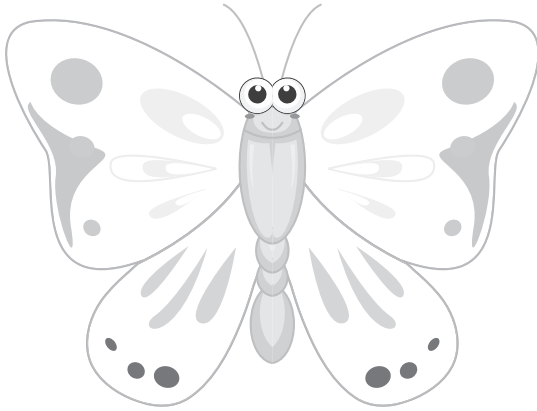
Term 3 Lesson 40

Themo ya 3 Ngudo ya 40

Consolidation

U ṭanganya magudiswa

- 1 Draw a line of symmetry through each of the following pictures:
Talani mutaladzi wa ndinganahuvhili ngomu ha tshinwe na tshinwe tsha zwifanyiso zwi tevhelaho:



- 2 Colour each side of the picture a different colour.
Khaḷarani lurumbu luḿwe na luḿwe lwa itshi tshifanyiso nga muvhalo wo fhambanaho.

3 Complete these pictures by:

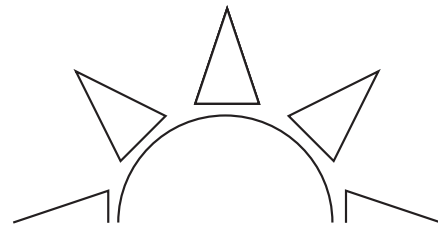
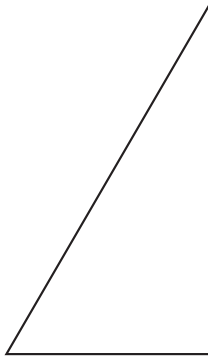
Fhedzisani zwifanyiso izwi nga:

a Drawing the exact other half.

U ola inwe hafu kwakwakwa.

b Drawing in the line of symmetry.

U tala mutaladzi wa ndinganahuvhili.



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

Olani tshitendeledzi, thiraiengele na rekhithiengele. Talani mutaladzi wa ndinganahuvhili ngomu ha tshivhumbeo tshinwe na tshinwe.

Term 3 Lesson 41

Themo ya 3 Ngudo ya 41

Symmetry (3)

Ndinganahuvhili (3)

CLASSWORK MUSHUMO WA KILASINI

- 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.

Olani zwithu zwi tevhelaho ngomu ha khoḽomo yone kha thebuḽu iyi, shumisani ndinganahuvhili kha u nanga zwithu: tshienda, tshitendeledzi, muomva, thiraiengele, tshikwea, rekhithiengele, lufhanga, moḽoro.

Symmetrical objects Zwithu zwa ndinganahuvhili	Non-symmetrical objects Zwithu zwi si zwa ndinganahuvhili

Symmetrical objects Zwithu zwa ndinganahuvhili	Non-symmetrical objects Zwithu zwi si zwa ndinganahuvhili

- 2 Draw the lines of symmetry on the objects in the column.
Talani mitaladzi ya ndinganahuvhili kha zwithu zwi re kha khoḽomo.
- 3 Draw in the lines of symmetry in these letters.
Talani mitaladzi ya ndinganahuvhili kha maḽedere aya.

B M H

HOMEWORK TSHUŊWAHAYA

- 1 Write your name in capital letters.
Ŋwalani madzina aṅu nga maḽeḽeredanzi.

- 2 Which letters in your name are symmetrical?
Ndi maḽeḽere afhio kha dzina ḽaṅu ane a vha a ndinganahuvhili.
- 3 Draw the letters which you think are symmetrical and draw in the lines of symmetry for these letters.
Olani maḽeḽere ane na vhona e na ndinganahuvhili ni tale mitaladzi ya ndinganahuvhili kha maḽeḽere aya.

Term 3 Lesson 42

Themo ya 3 Ngudo ya 42

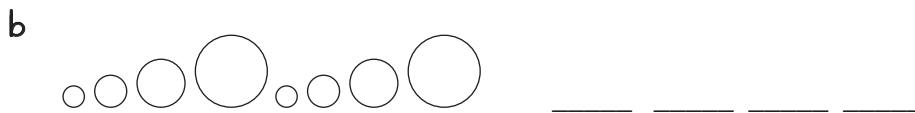
Geometric patterns (I)

Phetheni dza dzhiometri (I)

CLASSWORK MUSHUMO WA KILASINI

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

Olani sethe i no tevhela ya zwivhumbeo kha phetheni dze dza newa afho fhasi:



2 Extend these patterns.

Engedzani phetheni idzi.



- 3 Draw your own pattern of squares that grows in a regular way.
Olani phetheni yaṅu inwi muṅe ine ya aluwa nga ṅdila yo ḡoweleaho

HOMEWORK TSHUṆWAHAYA

Draw your own pattern using shapes.

Olani phetheni yaṅu inwi muṅe ni tshi shumisa zwivhumbeo.

Term 3 Lesson 4.3

Themo ya 3 Ngudo ya 4.3

Geometric patterns (1)

Phetheni dza dzhometri (2)

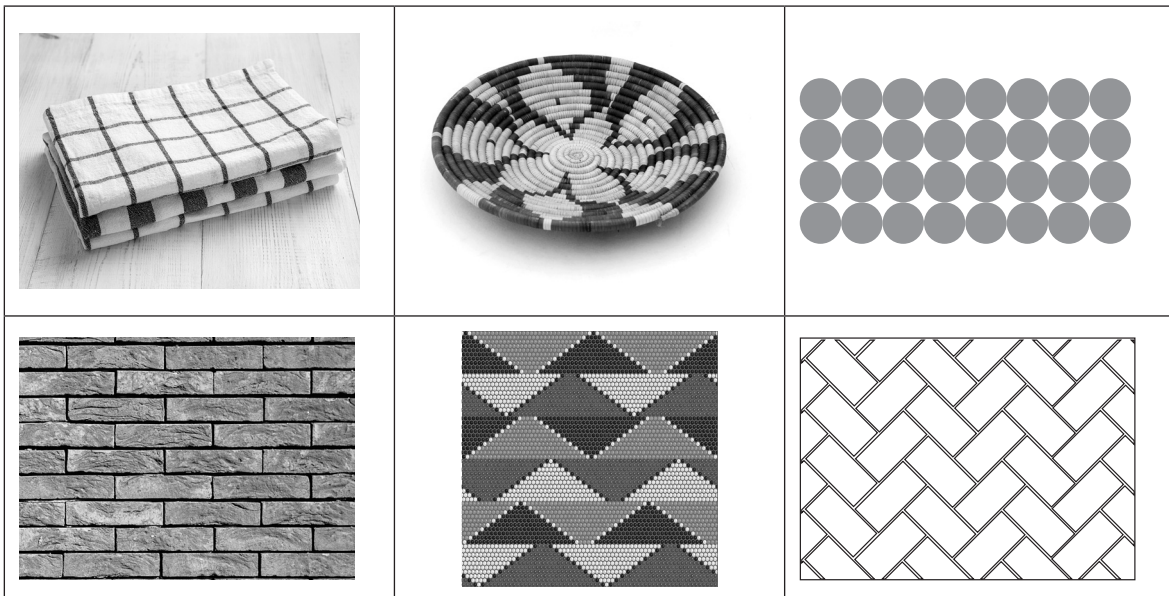
Patterns in nature.

Phetheni dza mupo.



Patterns around us.

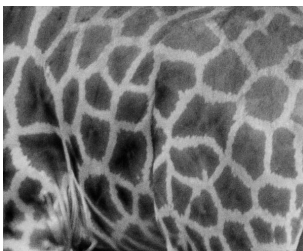
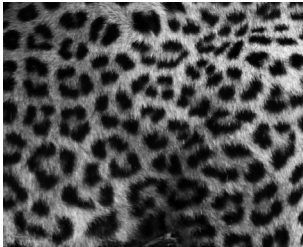
Phatheni dzi re vhutshiloni hashu.



CLASSWORK MUSHUMO WA KILASINI

1 Match the animal to the animal skin pattern.

Livhanyani phukha na phetheni ya mukumba wa phukha.

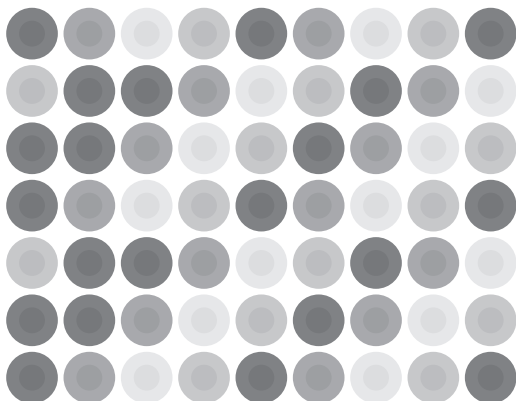


2 Describe the following patterns. Use the key words to help you.

Talutshedzani phetheni dzi tevhelaho. Shumisani maipfi a re khii uri a ni thuse.

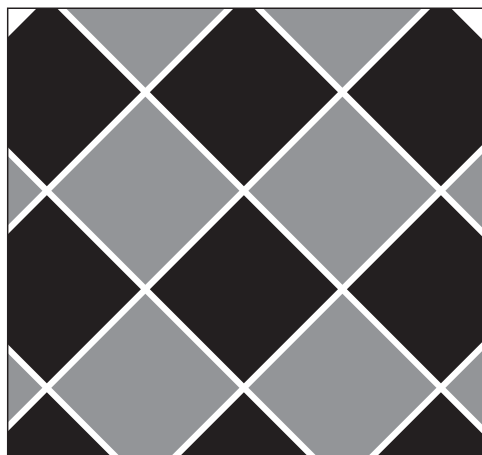
a Circle, size, equal.

Tshitendeledzi, saizi, lingana



b Lines, straight, cross.

Mitaladzi/mitalo, tswititi, tshifhambano.



HOMEWORK TSHUNWAHAYA

Design your own geometric pattern using squares and triangles.

Dizainani phetheni ya inwi nuṅe ni tshi shumisa zwikwea na thiraiengele.

Term 3 Lesson 44

Themo ya 3 Ngudo ya 44

Assessment

Ulinga

Term 3 Lesson 4.5

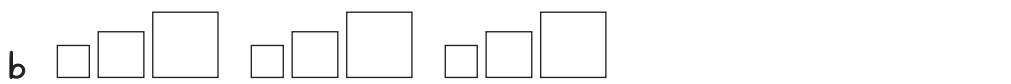
Themo ya 3 Ngudo ya 4.5

Consolidation

U tlanganya magudiswa

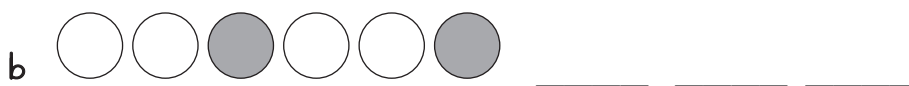
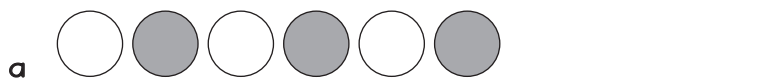
1 Draw the next set of shapes in the given patterns.

Olani sethe i no tevhela ya zwivhumbeo kha phetheni dze dza n̄ewa.



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

Olani sethe i no tevhela ya zwivhumbeo kha phetheni ye ya n̄ewa.



Term 3 Lesson 46

Themo ya 3 Ngudo ya 46

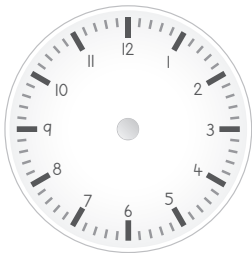
Telling the time
U bula tshifhinga

CLASSWORK MUSHUMO WA KILASINI

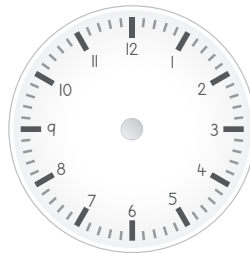
Show the following times on the clock faces.

Sumbedzani zwifhinga zwi tevhelaho kha phanda dza watshi/ki|oko.

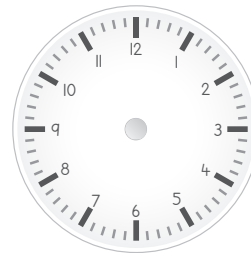
- a** 11 o'clock.
Awara ya 11.



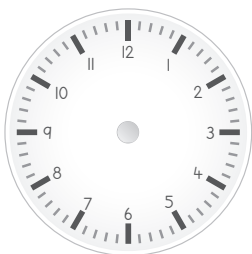
- b** 9 o'clock.
Awara ya 9.



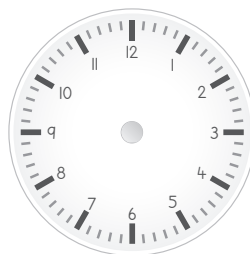
- c** 2 o'clock.
Awara ya 2.



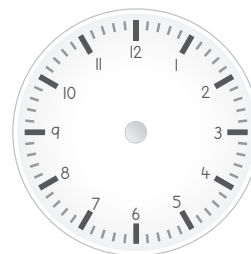
- d** 3 o'clock.
Awara ya 3.



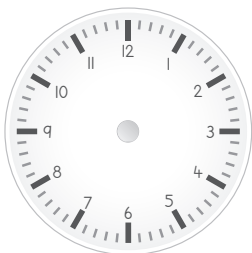
- e** Half past 9.
Hafu u bva kha awara ya 9.



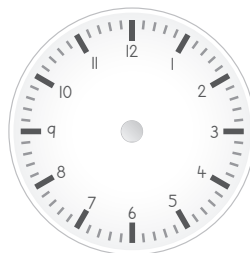
- f** Half past 11.
Hafu u bva kha awara ya 11.



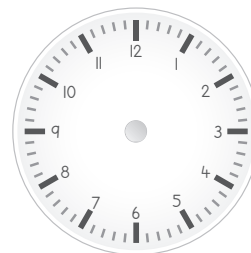
- g** Half past 4.
Hafu u bva kha awara ya 4.



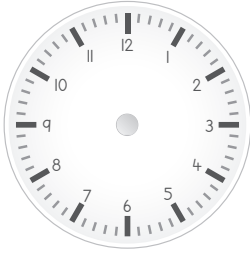
- h** Quarter past 10.
Kotara u bva kha awara ya 10.



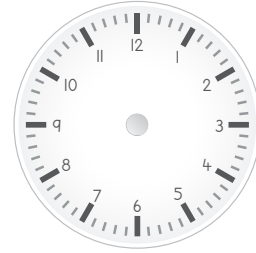
- i** Quarter to 3.
Kotara u ya kha awara ya 3.



- j Quarter past 2.
Kotara u bva kha awara ya 2.



- k Quarter to 7.
Kotara u ya kha awara ya 7.



HOMEWORK TSHUŊWAHAYA

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

Hu thoma mini, kotara u ya kha awara ya 10 kana awara ya 10?

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

Hu thoma mini, kotara u ya kha awara ya 11 kana kotara u bva kha awara ya 11?

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

Olani tshifanyiso tsha zwine na ita nga awara ya 7 nga matsheloni.

Term 3 Lesson 47

Themo ya 3 Ngudo ya 47

Calendars

Khalenda

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 MUSHUMO WA KILASINI

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.

Livhanyani na khalenda ya nwedzi wa Khubvumedzi i re afho ntha.

- Put a triangle on 26 September to indicate the Mathematics quiz.
Dzhenisani thiraiengele kha la 26 Khubvumedzi ni tshi sumbedza duvha la mutatisano wa Mbalo.
- Put a square on 12 September to indicate the school play.
Dzhenisani tshikwea kha la 12 Khubvumedzi ni tshi sumbedza duvha la litambwa la tshikolo.
- Put a red circle around 24 September to indicate a public holiday, and discuss this public holiday (Heritage Day) with your peers.
Tangedzelani la 24 Khubvumedzi nga tshitendeledzi tshitswuku ni tshi sumbedza holodei ya phabuliki (vathu vhanzhi), ni ambe na vhaiwe nga inwi nga holodei ya phabuliki (Duvha la Vhufa).
- Put a rectangle on 15 September to indicate the sports day.
Dzhenisani rekhithiengele kha la 15 Khubvumedzi ni tshi sumbedza duvha la mitambo.
- Put a circle around all the Sundays.
Tangedzelani Swondaha dzothe.

f How many days are there in September?

Hu na maḁuvha mangana kha ṅwedzi wa Khubvumedzi? _____

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

Hu na maḁuvha mangana u bva kha ḁuvha ḁa Vhufa u swika kha ḁuvha ḁa muḁaḁisano wa Mbalu?

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

Hu na maḁuvha mangana vhukati ha ḁuvha ḁa ḁitambwa ḁa tshikolo na ḁuvha ḁa mitambo?

HOMEWORK TSHUṅWAHAYA

1 Which is the first month of the year?

ṅwedzi wa u thoma kha ṅwaha ndi ufho? _____

2 Which two months come between April and July?

Ndi miṅwedzi ifho mivhili i no ḁa vhukati ha Lambamai na Fulwana?

3 Which is the last month of the year?

ṅwedzi wa u fhedzisela kha ṅwaha ndi ufho? _____

Term 3 Lesson 48

Themo ya 3 Ngudo ya 48

Time passed

Tshifhinga tshe tsha fhira

CLASSWORK MUSHUMO WA KILASINI

- 1 How many hours are there between 8 o'clock and 10 o'clock?
Hu na awara nngana vhukati ha awara ya 8 na awara ya 10?

- 2 How many hours are there between 10 o'clock and 12 o'clock?
Hu na awara nngana vhukati ha awara ya 10 na awara ya 12?

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

Ndi la u thoma la Khubvumedzi. Tshikolo tshi awela nga la vhufuraru la Khubvumedzi. Hu na maduvha mangana u swika duvha la u awela li tshi swika?

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

Ndi la vvhufumbilirathi la Nyendavhusiku. Hu na maduvha mangana u swika la u thoma la Phando?

HOMEWORK TSHUŊWAHAYA

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

Hu na awara nngana vhukati ha awara ya 4 na awara ya 8?

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

Hu na awara nngana vhukati ha awara ya 8 na awara 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?

Ndi 1a u thoma 1a Fulwi. Duvha 1a mabebo 1anu ndi 1a vhufumimbili 1a Fulwi.
Hu na maduvha mangana u swika duvha 1a mabebo 1anu?

Term 3 Lesson 49

Themo ya 3 Ngudo ya 49

Assessment

Ulinga

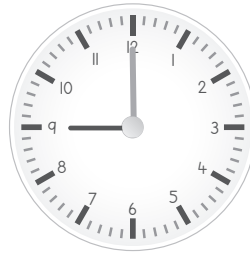
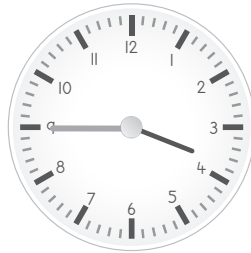
Term 3 Lesson 50

Themo ya 3 Ngudo ya 50

Consolidation

U ṭanganya magudiswa

- 1 What is the time on these clocks?
Ndi tshifhanga-ḡe kha watshi idzi?



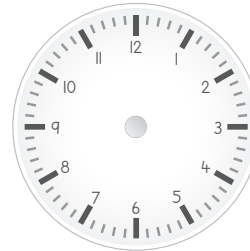
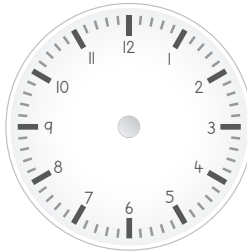
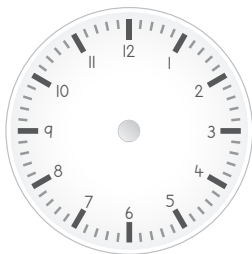
- 2 Draw clocks showing the following times:

Olani watshi dzi no sumbedza zwifhinga zwi tevhelaho:

a Six o'clock.
Awara ya vhurathi.

b Half past one.
Hafu u bva kha
awara ya u thoma.

c Quarter to twelve.
Kotara u ya
kha awara ya
vhufumimbili.



3 Which month has fewer days- November or December?

Ndi n'wedzi ufhio u re na maḡuvha maḡuku - L̄ara kana Nyendavhusiku?

4 What was the date 3 days ago?

Deithi ya maḡuvha a 3 o fhiraho yo vha i ifhio?

1 Multiplication cards (lesson 9 and other)
Garaṭa dza muandiso (ngudo ya 9 na inwe)

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)
Garaṭa dza muandiso (ngudo ya 9 na inwe)

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)
Nyolo ya mbekanywa/mitsevhe (ngudo ya 21 na inwe)

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

4 Multiplication table (lesson 23 and 24)

Thebulu ya muandiso (ngudo ya 23 na ya 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)
Zwigeriwa zwa zwivhumbeo (ngudo ya 32 na inwe)

