MATHEMATICS

Grade 3

English/ IsiZulu

Learner Activity Book

2020 TERM 2

Introduction

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

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

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

Isethulo

Le nsiza-kufundisa inemisebenzi yansuku zonke elinganiselwa emashumini amahlanu omsebenzi wasekilasini kanye nomsebenzi wasekhaya. Imisebenzi ivumelana nemisebenzi yezinhlelo zesifundo ezikuJika iMfundo. Isifundo sansukuzonke kufanele silandelwe umsebenzi wasekilasini bese kuba umsebenzi wasekhaya. Izimpendulo emisebenzini zingabhalwa kule ncwadi.

Le Ncwadi Yomsebenzi Womfundi ingezilimi ezimbili. Sethemba ukuthi ukubeka imisebenzi ngezilimi ezimbili kuzosiza abafundi ukuba bafunde amagama ezibalo ngolimi lwabo lwasekhaya kanye nangesiNgisi. Lokhu kuzobahlomisa ekubeni bafunde izibalo esikhathini esizayo.

Uma abafundi besebenza ngokuhleleka kule misebenzi yezibalo, bazohlanganisa lonke uhlelo lokufunda. Sethemba ukuthi le misebenzi izoba yindlela ejabulisayo yokubasiza ukuba bathole ulwazi lwezibalo.

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Term 2 Lesson 1
Ithemu 2 Isifundo 1

Multiplication tables up to 5
Amathebula okuphindaphinda okufinyela ku-5

CLASSWORK UMSEBENZI WASEKLASINI

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

Abafundi bahlela amakhadi okuphindaphinda ngokuhleleka ngokwamathebula okuphindaphinda okulandelayo:

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

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

Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Qedela ithebula:

	Multiplication Ukuphindaphinda	Repeated addition Ukuhlanganisa ngokuphindelela	Answer Impendulo
1	4 × 3	3 + 3 + 3 + 3	
2	5 × 4		
3		2 + 2 + 2 + 2	
4	5 × 3		

Term 2 Lesson 2
Ithemu 2 Isifundo 2

Multiplication using array diagrams
Ukuphindaphinda ngokusebenzisa amashadi ohlelonina

CLASSWORK UMSEBENZI WASEKLASINI

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

Abafundi bahlela amakhadi okuphindaphinda ngokuhleleka ngokwamathebula okuphindaphinda okulandelayo:

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

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

Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Qedela ithebula:

	Multiplication Ukuphindaphinda	Repeated addition Ukuhlanganisa ngokuphindelela	Answer Impendulo
1	6 × 4	4 + 4 + 4 + 4 + 4 + 4	
2		6 + 6 + 6 + 6	
3		5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	
4	5 × 9		

Term 2 Lesson 3
Ithemu 2 Isifundo 3

The 6 times table
Ithebula lokuphindaphinda 6

CLASSWORK UMSEBENZI WASEKLASINI

Play the multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:
Qedela ithebula:

	Multiplication Ukuphindaphinda	Repeated addition Ukuhlanganisa ngokuphindelela	Answer Impendulo
1	3 × 6	6 + 6 + 6	
2	4 × 6		
3		6 + 6 + 6 + 6 + 6	
4	6 × 6		
5		6 + 6 + 6 + 6 + 6 + 6 + 6	

Term 2 Lesson 4
Ithemu 2 Isifundo 4

The 6 times table
Ithebula lokuphindaphinda 6

CLASSWORK UMSEBENZI WASEKLASINI

Play the multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:
Qedela ithebula:

	Multiplication Ukuphindaphinda	Repeated addition Ukuhlanganisa ngokuphindelela	Answer Impendulo
1	9 × 6	6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	
2	8 × 6		
3		6 + 6	
4	3 × 6		
5		6 + 6 + 6 + 6	

Term 2 Lesson 5
Ithemu 2 Isifundo 5

Consolidation
Ukuhlanganiswa ndawonye

1 Complete the table:

Qedela ithebula:

	Multiplication Ukuphindaphinda	Repeated addition Ukuhlanganisa ngokuphindelela	Answer Impendulo
a	2 × 5	5 + 5	
b	3 × 5		
c		5 + 5 + 5 + 5	
d	5 × 5		
e		5 + 5 + 5 + 5 + 5 + 5	
f	7 × 5		
g		5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	40
h		5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	45

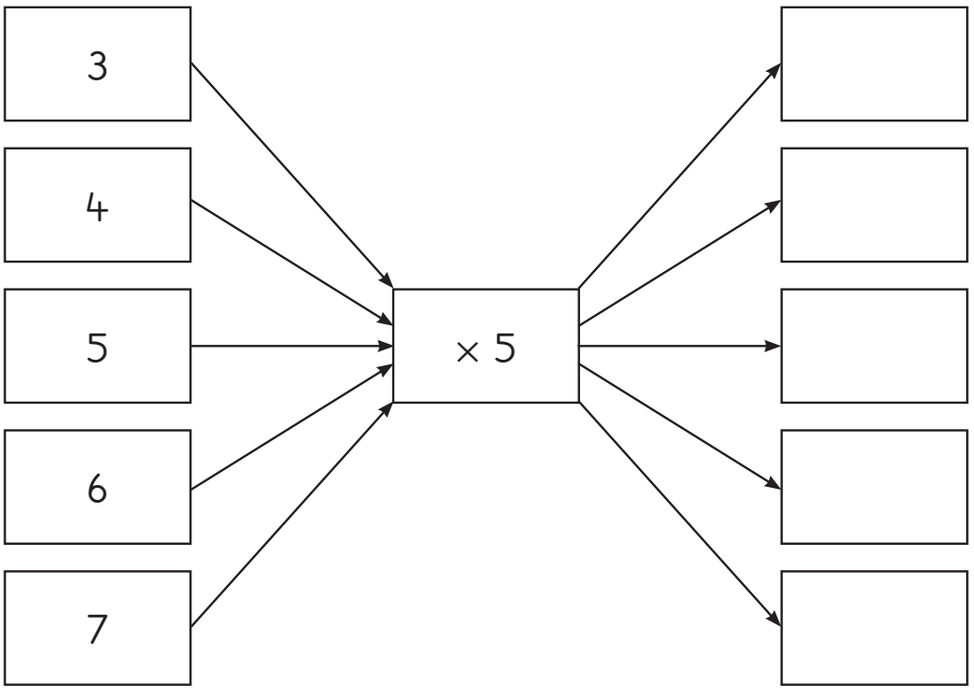
2 Complete the table:

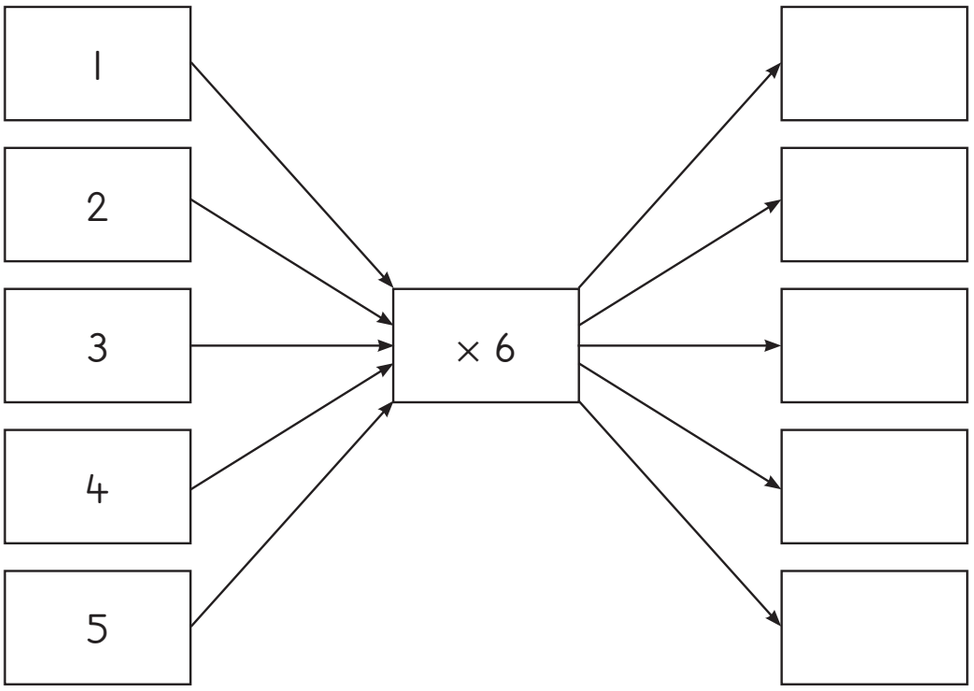
Qedela ithebula:

	Multiplication Ukuphindaphinda	Repeated addition Ukuhlanganisa ngokuphindelela	Answer Impendulo
a	2 × 6	6 + 6	
b	3 × 6		
c		6 + 6 + 6 + 6	
d	5 × 6		
e		6 + 6 + 6 + 6 + 6 + 6	
f	7 × 6		
g		6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	48
h		6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	54

3 Complete the flow diagrams:

Qedela amashadi okulandelanayo:





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

Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

Term 2 Lesson 6
Ithemu 2 Isifundo 6

The 7 times table
Ithebula lokuphindaphinda 7

CLASSWORK UMSEBENZI WASEKLASINI

Play the multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:
Qedela ithebula:

	Multiplication Ukuphindaphinda	Repeated addition Ukuhlanganisa ngokuphindelela	Answer Impendulo
1	2 × 7	7 + 7	
2	4 × 7		
3		7 + 7 + 7 + 7 + 7	
4	8 × 7		
5		7 + 7 + 7 + 7 + 7 + 7 + 7	

Term 2 Lesson 7
Ithemu 2 Isifundo 7

The 7 times table
Ithebula lokuphindaphinda 7

CLASSWORK UMSEBENZI WASEKLASINI

Play the multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:
Qedela ithebula:

	Multiplication Ukuphindaphinda	Repeated addition Ukuhlanganisa ngokuphindelela	Answer Impendulo
1	5 × 7	7 + 7 + 7 + 7 + 7	
2	9 × 7		
3		7 + 7 + 7 + 7 + 7 + 7	
4	2 × 7		
5		7 + 7 + 7	

Term 2 Lesson 8
Ithemu 2 Isifundo 8

Assessment
Ukuhlola

Term 2 Lesson 9
Ithemu 2 Isifundo 9

The 8 times table
Ithebula lokuphindaphinda 8

CLASSWORK UMSEBENZI WASEKLASINI

Play the multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:
Qedela ithebula:

	Multiplication Ukuphindaphinda	Repeated addition Ukuhlanganisa ngokuphindelela	Answer Impendulo
1	4 × 8	8 + 8 + 8 + 8	
2	6 × 8		
3		8 + 8 + 8	
4	9 × 8		
5		8 + 8 + 8 + 8 + 8	

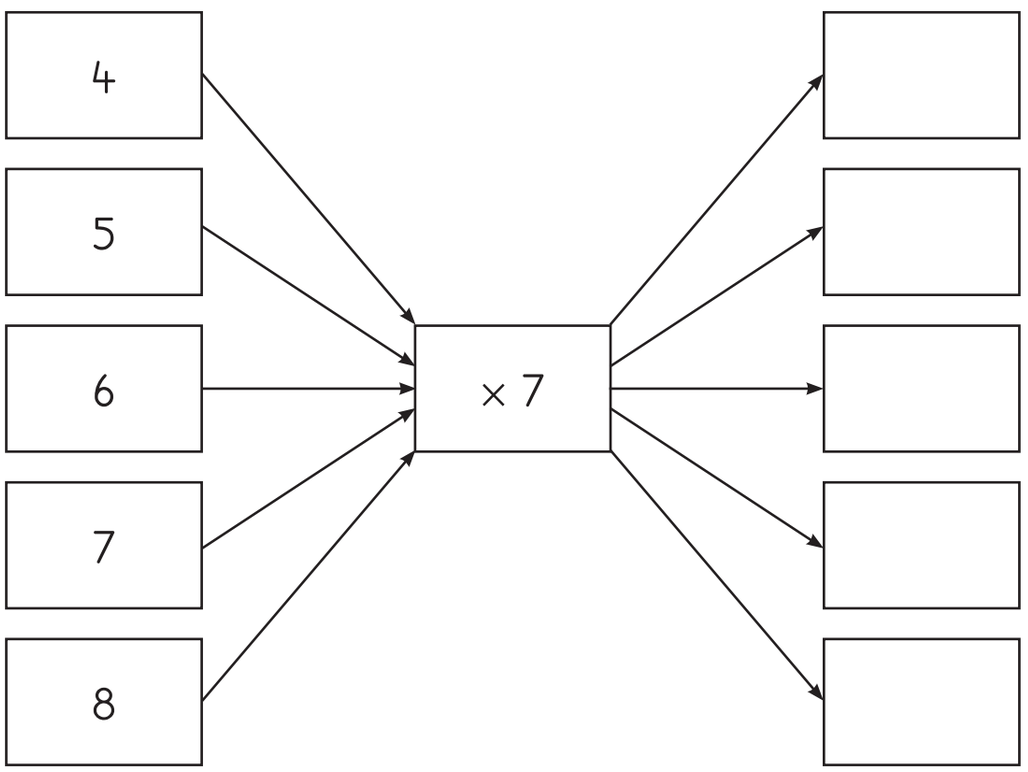
Term 2 Lesson 10
Ithemu 2 Isifundo 10

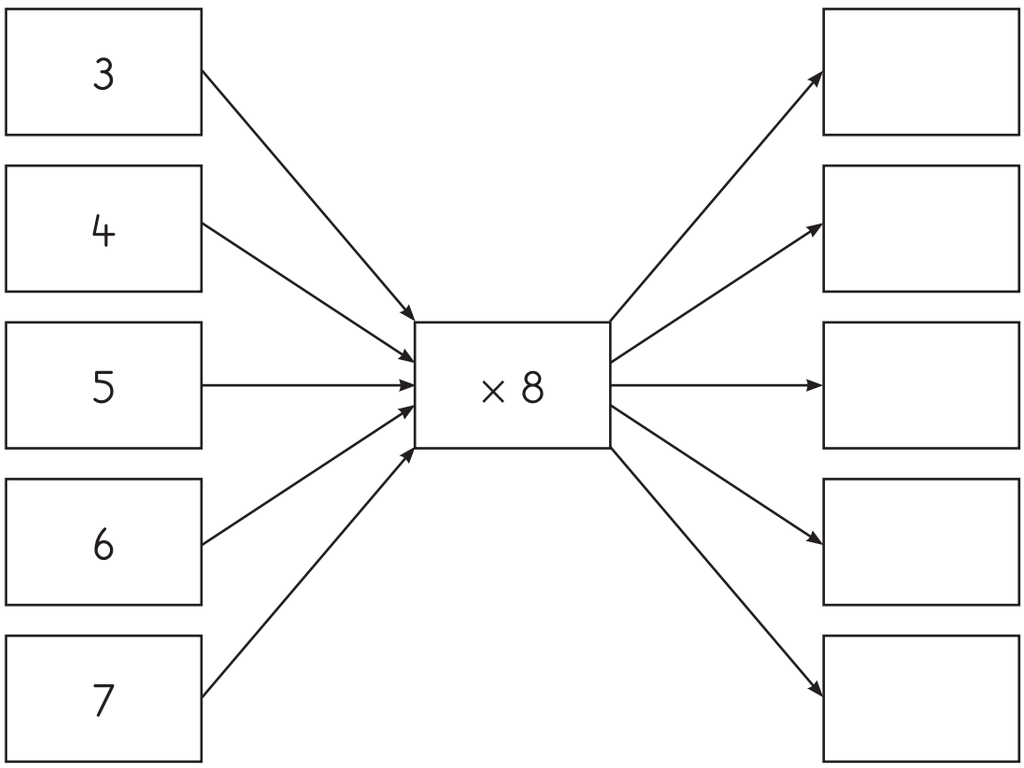
Consolidation
Ukuhlanganiswa ndawonye

CLASSWORK UMSEBENZI WASEKLASINI

1 Complete the flow diagrams:

Qedela amashadi okulandelanayo:





2 Complete the tables:

Qedela amathebula:

a

	4		6	7	8
× 7		35			

b

	3	4	5		7
× 8				48	

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

Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

Term 2 Lesson 11
Ithemu 2 Isifundo 11

The 9 times table
Ithebula lokuphindaphinda 9

CLASSWORK UMSEBENZI WASEKLASINI

Play the multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:
Qedela ithebula:

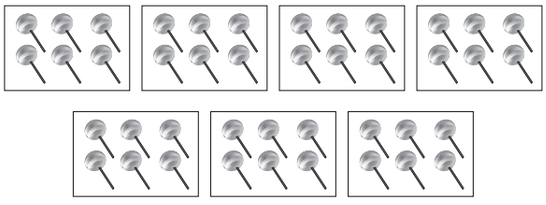
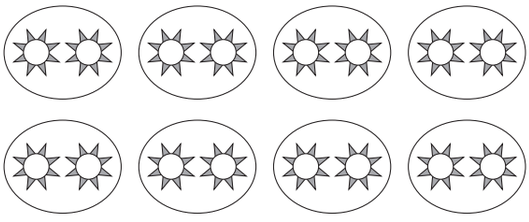
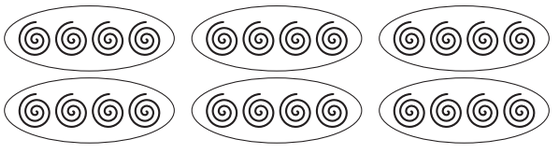
	Multiplication Ukuphindaphinda	Repeated addition Ukuhlanganisa ngokuphindelela	Answer Impendulo
1	5 × 9	9 + 9 + 9 + 9 + 9	
2	3 × 9		
3		9 + 9 + 9 + 9 + 9 + 9 + 9	
4	2 × 9		
5		9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9	

Term 2 Lesson 12
Ithemu 2 Isifundo 12

The 8 and 9 times tables
Amathebula okuphindaphinda 8 no-9

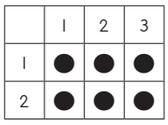
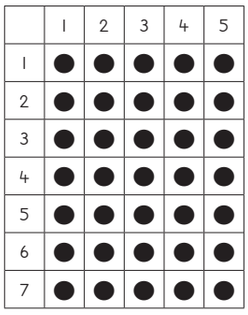
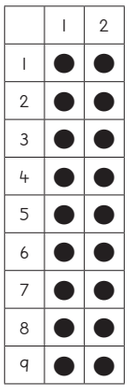
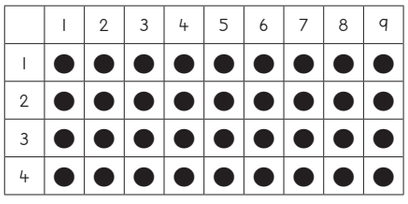
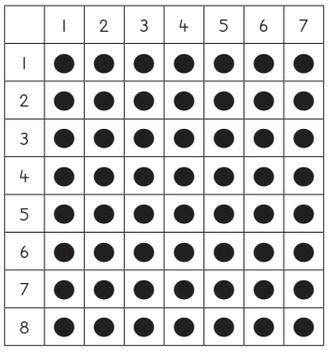
CLASSWORK UMSEBENZI WASEKLASINI

1 Write the number sentences with answers:
Bhala imishonombolo enezimpendulo:

		Number sentence Umushonombolo
a		
b		
c		
d		
e		

2 Write the number sentences with answers:

Bhala imishonombolo enezimpendulo:

		Number sentence Umushonombolo
a		
b		
c		
d		
e		

3 Write the number sentences with answers:

Bhala imishonombolo enezimpendulo:

	Repeated addition Ukuhlanganisa ngokuphindelela	Number sentence Umushonombolo
a	4 + 4 + 4 + 4 =	
b	6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 =	
c	8 + 8 + 8 + 8 + 8 =	
d	3 + 3 + 3 + 3 + 3 + 3 + 3 =	
e	5 + 5 + 5 + 5 + 5 =	

HOMEWORK UMSEBENZI WASEKHAYA

Write the number sentences with answers:

Bhala imishonombolo enezimpendulo:

	Repeated addition Ukuhlanganisa ngokuphindelela	Number sentence Umushonombolo
a	9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 =	
b	2 + 2 + 2 + 2 + 2 + 2 + 2 =	
c	7 + 7 + 7 + 7 + 7 + 7 =	
d	6 + 6 =	
e	3 + 3 + 3 + 3 =	

Term 2 Lesson 13
Ithemu 2 Isifundo 13

The 1 times table
Ithebula lokuphindaphinda 1

CLASSWORK UMSEBENZI WASEKLASINI

1 Write the number sentences with answers:

Bhala imishonombolo enezimpendulo:

		Number sentence Umushonombolo
a	9 groups of 1 9 amaqembu oku-1	
b	7 groups of 4 7 amaqembu oku-4	
c	5 groups of 1 5 amaqembu oku-1	
d	6 groups of 3 6 amaqembu oku-3	
e	1 group of 1 1 iqembu loku-1	

2 Calculate:

Bala:

a $4 \times 1 =$ _____ b $2 \times 8 =$ _____

c $8 \times 1 =$ _____ d $3 \times 7 =$ _____

e $4 \times 6 =$ _____ f $5 \times 8 =$ _____

g $6 \times 7 =$ _____ h $8 \times 8 =$ _____

3 Write the number sentences with answers:

Bhala imishonombolo enezimpendulo:

	Repeated addition Ukuhlanganisa ngokuphindelela	Number sentence Umushonombolo
a	$4 + 4 + 4 + 4 =$	
b	$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 =$	
c	$8 + 8 + 8 + 8 + 8 =$	
d	$3 + 3 + 3 + 3 + 3 + 3 + 3 =$	
e	$5 + 5 + 5 + 5 + 5 =$	

HOMEWORK UMSEBENZI WASEKHAYA

Write the number sentences with answers:

Bhala imishonombolo enezimpendulo:

		Number sentence Umushonombolo
a	3 groups of 1 3 amaqembu oku-1	
b	4 groups of 6 4 amaqembu okuyi-6	
c	8 groups of 1 8 amaqembu oku-1	
d	2 groups of 7 2 amaqembu okuyi-7	
e	5 groups of 1 5 amaqembu oku-1	

Term 2 Lesson 14
Ithemu 2 Isifundo 14

Doubling and repeated addition
Ukuhlanganisa ngokuphinda kabili nangokuphindelela

CLASSWORK UMSEBENZI WASEKLASINI

1 Calculate by doubling:
Bala ngokuphinda kabili:

	Multiple Isiphindaphindi	Double Okuphindwe kabili	Answer Impendulo
a	2 × 50	50 + 50 =	100
b	2 × 15		
c	2 × 35		
d	2 × 10		
e	2 × 45		
f	2 × 25		
g	2 × 30		
h	2 × 40		

2 Calculate by doubling:

Bala ngokuphinda kabili:

	Multiple Isiphindaphindi	Double Okuphindwe kabili	Add Hlanganisa	Answer Impendulo
a	2 × 51	50 + 1 + 50 + 1	100 + 2	102
b	2 × 46			
c	2 × 31			
d	2 × 16			
e	2 × 17			
f	2 × 26			
g	2 × 41			
h	2 × 36			

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

UBongiwe ubenamabhaluni angama-20.
Umama wakhe wamnika amabhaluni angama-21.
Mangaki amabhaluni anawo esewonke?

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

UNomsa ubenezimbali ezingama-35.
Wanikwa ezinye izimbali ezingama-36.
Zingaki izimbali anazo sezizonke?

HOMEWORK UMSEBENZI WASEKHAYA

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

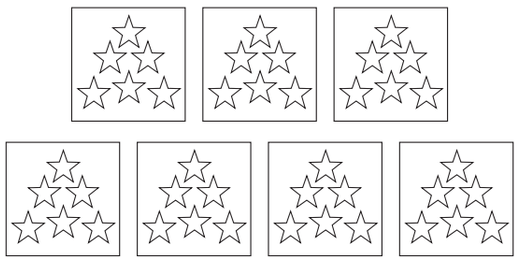
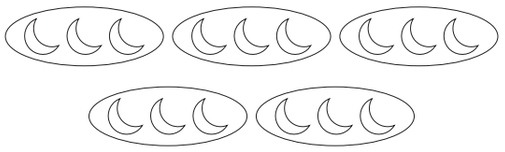
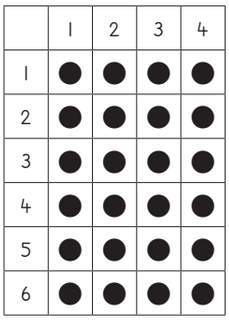
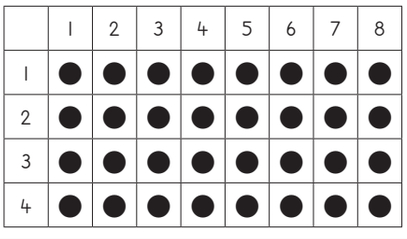
UNelisiwe ubenemicu yezintambo engama-41.
Wasika eminye imicu yezintambo engama-41.
Mingaki imicu yezintambo anayo manje?

Term 2 Lesson 15
Ithemu 2 Isifundo 15

Consolidation
Ukuhlanganiswa ndawonye

1 Write the number sentences with answers:

Bhala imishonombolo enezimpendulo:

		Number sentence Umushonombolo
a.		
b.		
c.		
d.		

2 Write the number sentences with answers:

Bhala imishonombolo enezimpendulo:

	Repeated addition Ukuhlanganisa ngokuphindelela	Number sentence Umushonombolo
a	2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =	
b	5 + 5 + 5 + 5 =	
c	7 + 7 + 7 + 7 + 7 + 7 + 7 =	
d	4 + 4 + 4 + 4 + 4 =	
e	6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 =	

3 Write the number sentences with answers:

Bhala imishonombolo enezimpendulo:

		Number sentence Umushonombolo
a	3 groups of 4 3 amaqembu okuyi-4	
b	4 groups of 8 4 amaqembu okuyi-8	
c	9 groups of 9 9 amaqembu okuyi-9	
d	2 groups of 5 2 amaqembu okuyi-5	
e	6 groups of 7 6 amaqembu okuyi-7	

4 Calculate by doubling:

Bala ngokuphinda kabili:

	Multiple Isiphindaphindi	Double Okuphindwe kabili	Add Hlanganisa	Answer Impendulo
a	2 × 16	15 + 1 + 15 + 1	30 + 2	
b	2 × 41			
c	2 × 26			
d	2 × 52			
e	2 × 38			

Term 2 Lesson 16
Ithemu 2 Isifundo 16

Assessment
Ukuhlola

Term 2 Lesson 17
Ithemu 2 Isifundo 17

Multiplication patterns
Amaphethini okuphindaphinda

CLASSWORK UMSEBENZI WASEKLASINI

Play the multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

HOMEWORK UMSEBENZI WASEKHAYA

1 Draw circles in an array to show the multiple:
Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

	Multiple Isiphindaphindi	Array Uhlelonina		Multiple Isiphindaphindi	Array Uhlelonina
a	4 × 5		b	5 × 4	
c	3 × 6		d	6 × 3	

Term 2 Lesson 18
Ithemu 2 Isifundo 18

Patterns in multiplication tables
Amaphethini amathebula okuphindaphinda

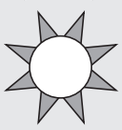
CLASSWORK UMSEBENZI WASEKLASINI

Play the multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

HOMEWORK UMSEBENZI WASEKHAYA

Write the number sentences for each of the covered numbers:
Bhala imishonombolo kuzinombolo ngazinye ezifihliwe:

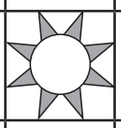
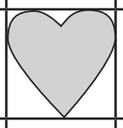
a _____

b  _____

c _____

d _____

e _____

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

Term 2 Lesson 19
Ithemu 2 Isifundo 19

Multiply by 10
Phindaphinda nge-10

CLASSWORK UMSEBENZI WASEKLASINI

1 Complete the table:

Qedela ithebula:

		Repeated addition Ukuhlanganisa ngokuphindelela	Number sentence Umushonombolo
a	5 groups of 2 5 amaqembu okuyi-2		
b	3 groups of 9 3 amaqembu okuyi-9		
c		6 + 6 + 6 + 6 + 6 + 6	
d	1 group of 10 1 iqembu le-10		
e	8 groups of 4 8 amaqembu oku-4	4 + 4 + 4 + 4 + 4 + 4 + 4 + 4	
f		5 + 5 + 5 + 5	

		Repeated addition Ukuhlanganisa ngokuphindelela	Number sentence Umushonombolo
g		10 + 10 + 10 + 10 + 10 + 10 + 10	
h	5 groups of 7 5 amaqembu okuyi-7		

2 Solve the problems:

Xazulula izinkinga:

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

Nginemali engamaphepha e-3 eyi-R10. Ingakanani imali enginayo isiyonke?

_____ × _____ = R30

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

Nginemali engamaphepha eyi-7 eyi-R10. Ingakanani imali enginayo isiyonke?

_____ × _____ = R70

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Qedela ithebula:

		Repeated addition Ukuhlanganisa ngokuphindelela	Number sentence Umushonombolo
a	3 groups of 10 3 amaqembu okuyi-10	10 + 10 + 10	
b	4 groups of 7 4 amaqembu okuyi-7		4 × 7 = 28
c		6 + 6 + 6	
d	10 groups of 4 10 amaqembu oku-4		
e		5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	

Term 2 Lesson 20
Ithemu 2 Isifundo 20

Consolidation
Ukuhlanganiswa ndawonye

1 Write the number sentences:

Bhala imishonombolo:

	Repeated addition Ukuhlanganisa ngokuphindelela	Number sentence Umushonombolo
a	6 groups of 8 6 amaqembu okuyi-8	
b	4 groups of 2 4 amaqembu oku-2	
c	5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	
d	2 groups of 7 2 amaqembu okuyi-7	
e	3 + 3 + 3 + 3	
f	q + q + q	
g	9 groups of 8 9 amaqembu okuyi-8	

	Repeated addition Ukuhlanganisa ngokuphindelela	Number sentence Umushonombolo
h	10 groups of 6 10 amaqembu okuyi-6	
i	4 + 4 + 4 + 4 + 4 + 4 + 4	
j	10 + 10 + 10 + 10 + 10	
k	9 groups of 1 9 amaqembu oku-1	
l	8 groups of 2 8 amaqembu oku-2	
m	7 + 7 + 7 + 7 + 7 + 7	
n	6 + 6 + 6 + 6 + 6 + 6 + 6	
o	5 groups of 4 5 amaqembu okuyi-4	
p	7 groups of 9 7 amaqembu okuyi-9	

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

Ngababili dlalani i-'SNAP' ngamakhadi okuphindaphinda. Uthisha wenu uzochaza imithetho.

Term 2 Lesson 21
Ithemu 2 Isifundo 21

Assessment
Ukuhlola

Term 2 Lesson 22
Ithemu 2 Isifundo 22

Multiply by 0 and find the missing number
Ukuphindaphinda ngo-0 nokuthola inombolo engekho

CLASSWORK UMSEBENZI WASEKLASINI

1 Use your multiplication table to find the missing numbers:
Sebenzisa ithebula lakho lokuphindaphinda ukuthola izinombolo ezingekho:

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

2 Calculate:

Bala:

a $0 \times 5 =$ _____

b $4 \times 10 =$ _____

c $0 \times 3 =$ _____

d $10 \times 6 =$ _____

e $0 \times 10 =$ _____

f $8 \times 10 =$ _____

HOMEWORK UMSEBENZI WASEKHAYA

Calculate:

Bala:

a $0 \times 6 =$ _____

b $7 \times 10 =$ _____

c $0 \times 2 =$ _____

d $10 \times 5 =$ _____

e $10 \times 0 =$ _____

f $9 \times 10 =$ _____

Term 2 Lesson 23
Ithemu 2 Isifundo 23

More multiplication patterns
Amaphethini angeziwe okuphindaphinda

CLASSWORK UMSEBENZI WASEKLASINI

Use your multiplication table to find the missing numbers:
Sebenzisa ithebula lakho lokuphindaphinda ukuthola izinombolo ezingekho:

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

HOMEWORK UMSEBENZI WASEKHAYA

I have 3 bunches of flowers. In each bunch there are 3 pink flowers and 4 white flowers. How many flower s do I have altogether?	Nginezixha ezi-3 zezimbali. Isixha ngasinye sinezimbali ezibomvana ezi-3 kanye nezimbali ezimhlophe ezi-4. Zingaki izimbali enginazo sezizonke?
Draw a diagram. Dweba umdwebo.	
Write the number sentences. Bhala imishozinombolo.	
Write the answer. Bhala impendulo.	

Term 2 Lesson 24
Ithemu 2 Isifundo 24

Assessment
Ukuhlola

Term 2 Lesson 25
Ithemu 2 Isifundo 25

Consolidation
Ukuhlanganiswa ndawonye

1 Use your multiplication table to find the missing numbers:

Sebenzisa ithebula lakho lokuphindaphinda ukuthola izinombolo ezingekho:

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

2 Draw an array diagram to show:

Dweba ishadi lohlelonina ukubonisa:

		Array Uhlelonina
a	6×2	

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

3 Solve the problem:

Xazulula inkinga:

I have 4 bags of shapes. In each bag there are 2 triangles and 5 rectangles. How many shapes do I have altogether?	Nginezikhwama ezi-4 zemifanekiso. Isikhwama ngasinye sinonxantathu aba-2 kanye nonxande aba-5. Mingaki imifanekiso enginayo isiyonke?
Draw a diagram. Dweba umdwebo.	
Write the number sentences. Bhala imishonombolo.	
Write the answer. Bhala impendulo.	

Term 2 Lesson 26
Ithemu 2 Isifundo 26

Time
Isikhathi

CLASSWORK UMSEBENZI WASEKLASINI

1 Write these times as digital times:

Bhala lezi zikhathi ngokwezikhathi zewashi lezinombolo:

a Half past seven.

Ukugamanxa kwehora lesikhombisa. _____

b Quarter past seven.

Imizuzu eyi-15 ngemva kwehora lesikhombisa. _____

c Quarter to 4.

Imizuzu eyi-15 ngaphambi kwehora lesi-4. _____

d Quarter past four.

Imizuzu eyi-15 ngemva kwehora lesine. _____

e Half past 5.

Ukugamanxa kwehora lesi-5. _____

2 Write these times as analogue times:

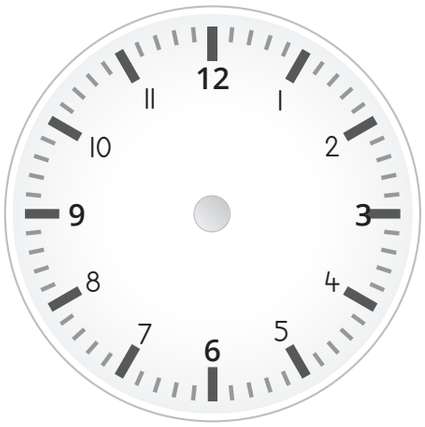
Bhala lezi zikhathi ngokwewashi lezinti:

a 05:30 _____ b 02:00 _____

c 12:00 _____ d 07:00 _____

3 Show quarter past two on the clock:

Bonisa imizuzu eyi-15 ngemva kwehora lesibili ewashini:



_____

a Write the time below the clock.

Bhala isikhathi ngezansi kwewashi.

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

Mingaki imizuzu ngaphambi kwehora lesi-3 ezimpondweni? _____

c Where is the hour hand pointing?

Lukhombe kuphi uthi olufushane lwewashi? _____

d Where is the minute hand pointing?

Lukhombe kuphi uthi olude lwewashi? _____

HOMEWORK UMSEBENZI WASEKHAYA

1 Show on the clock faces below:

Bonisa ebusweni bamawashi angezansi:

a 10 o'clock

10 ezimpondweni

b 12 o'clock

12 ezimpondweni

c 5 o'clock

5 ezimpondweni

2 Write the times shown on these clocks:

Bhala izikhathi eziboniswe kulawa mawashi:

a

_____

b

_____

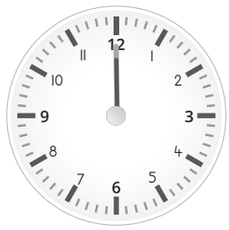
c

_____

Term 2 Lesson 27
Ithemu 2 Isifundo 27

Measuring Time/Ukulinganisa Isikhathi

Clock faces for classwork activity/Ubuso bamawashi ngomsebenzi waseklasini.

_____ o'clock/ezimpondweni_____			
			
08:00	11:00	12:00	04:00
quarter past _____/imizuzu eyi-15 ngemva kwehora _____			
04:15	09:15	12:15	10:15
quarter to _____/imizuzu eyi-15 ngaphambi kwehora _____			
01:45	02:45	09:45	10:45
half past _____/ukugamanxa kwehora _____			
07:30	10:30	02:30	06:30

CLASSWORK UMSEBENZI WASEKLASINI

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

Ubani isikhathi? Bhala isikhathi ngamagama.

a

_____

b

_____

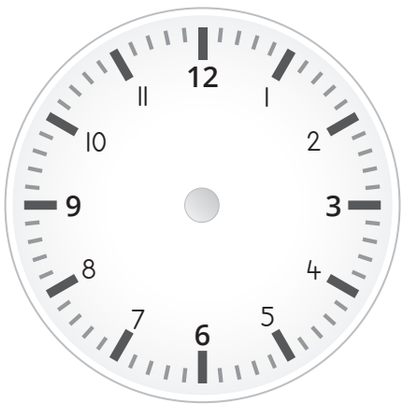
c

_____

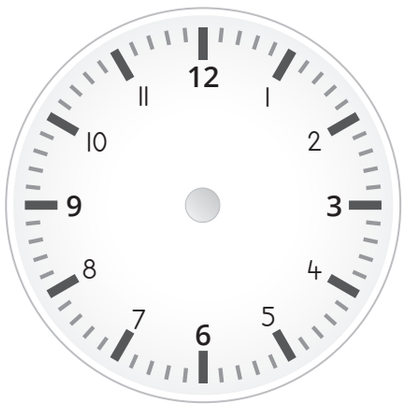
2 Show the times on the clock faces:

Bonisa izikhathi ebusweni bamawashi:

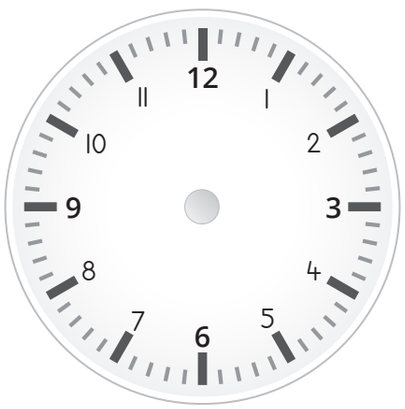
a Ten o'clock
Ihora leshumi ezimpondweni



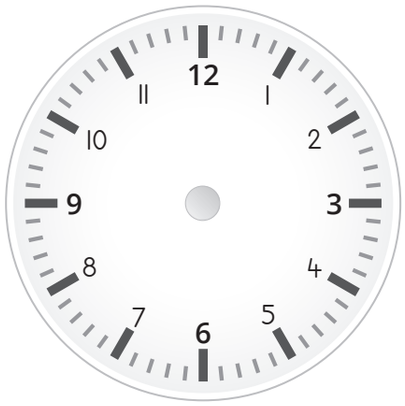
b Quarter to twelve
Imizuzu eyi-15 ngaphambi kwehora leshumi nambili



c Nine minutes to one
Imizuzu eyisishiyagalolunye ngaphambi kwehora lokuqala



d 17:35



HOMEWORK UMSEBENZI WASEKHAYA

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

Ubani isikhathi? Bhala isikhathi ngamagama.

a

_____

b

_____

2 Show the times on the clock faces:

Bonisa izikhathi ebusweni bamawashi:

a 9 minutes past 1
Imizuzu eyi-9 ngemva kwehora loku-1

b Quarter to three
Imizuzu iyi-15 ngaphambi kwehora lesithathu

c Four minutes past five
Imizuzu emine ngemva kwehora lesihlanu

d 15 minutes to 5
Imizuzu eyi-17 ngaphambi kwehora lesi-5

Term 2 Lesson 28
Ithemu 2 Isifundo 28

Time passed
Isikhathi Esidlulile

CLASSWORK UMSEBENZI WASEKLASINI

1 Write these times in digital time:

Bhala lezi zikhathi ngokwesikhathi sewashi lezinombolo:

a Half past eight.

Ukugamanxa kwehora lesishiyagalombili. _____

b Quarter to six.

Imizuzu eyi-15 ngaphambi kwehora lesithupha. _____

c Quarter to 9.

Imizuzu eyi-15 ngaphambi kwehora lesi-9. _____

d Quarter past 2.

Imizuzu eyi-15 ngemva kwehora lesi-2. _____

e Half past four.

Ukugamanxa kwehora lesine. _____

2 Write these times in analogue time

Bhala lezi zikhathi ngokwewashi lezinti:

a 05:15 _____

b 02:45 _____

c 12:15 _____

d 07:30 _____

3 How many minutes in one hour?

Mingaki imizuzu ehoreni elilodwa? _____

4 How many hours in one day?

Mangaki amahora osukwini olulodwa? _____

5 How many days in one week?

Zingaki izinsuku esontweni elilodwa? _____

6 How many months in one year?

Zingaki izinyanga onyakeni owodwa? _____

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

UDiksha usuka ekhaya ngo-7:15 bese efika esikoleni ngo-8:00. Kumthatha isikhathi eside kangakanani uDiksha ukuya esikoleni?

_____

HOMEWORK UMSEBENZI WASEKHAYA

a How many minutes in 2 hours?

Mingaki imizuzu emahoreni ama-2? _____

b How many hours in 2 days?

Mangaki amahora ezinsukwini ezi-2? _____

c How many days in 2 weeks?

Zingaki izinsuku emasontweni ama-2? _____

d How many months in 2 years?

Zingaki izinyanga eminyakeni emi-2? _____

Term 2 Lesson 29
Ithemu 2 Isifundo 29

Calendars/Amakhalenda

January

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

March

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	29
31						

September

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

December

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

CLASSWORK UMSEBENZI WASEKLASINI

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

Faka imibala kumaholide enkolo nawomphakathi aseNingizimu Afrika ekhalendeni ka-2020.

South African public holidays calendar **Ikhalenda yaseNingizimu Afrika yamaholide omphakathi**	
New Year's Day UNcibijane	Tuesday 1 January uLwesibili 1 uMasingana
Human Rights Day Usuku Lwamalungelo Esintu	Thursday 21 March uLwesine 21 uNdasa
Good Friday Iphasika	Friday 19 April uLwesihlanu 19 uMbaso
Family Day Usuku Lomndeni	Monday 22 April uMsombuluko 22 uMbaso
Freedom Day Usuku Lwenkululeko	Saturday 27 April uMgqibelo 27 uMbaso
Workers' Day Usuku Lwabasebenzi	Wednesday 1 May uLwesithathu 1 uNhlaba
Youth Day Usuku Lwentsha	Sunday 16 June iSonto 16 uNhlangulana
Women's Day Usuku Lomama	Friday 9 August uLwesihlanu 9 uNcwaba
Heritage Day Usuku Lwamagugu	Tuesday 24 September uLwesibili 24 uMandulo
Day of Reconciliation Usuku Lokubuyisana	Monday 16 December uMsombuluko 16 uZibandlela
Christmas Day Ukhisimusi	Wednesday 25 December uLwesithathu 25 uZibandlela
Day of Goodwill Usuku Lwezipho	Thursday 26 December uLwesine 26 uZibandlela

2 Colour the block of your favourite month in yellow.

Faka umbala ophuzi iblokhi lenyanga oyithandayo.

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

Yisikhathi eside kangakanani esiphakathi kukaNcibijane kanye noSuku Lwenkululeko?

_____

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

Yisikhathi eside kangakanani esiphakathi koSuku Lwentsha kanye noSuku Lwamagugu?

_____

HOMEWORK UMSEBENZI WASEKHAYA

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

Faka umbala ezinsukwini zokuzalwa kwamalunga omndeni wakho ekhalendeni oyisebenzisela umsebenzi wakho waseklasini.

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

Zingaki izinyanga zonyaka ezingenazo izinsuku zokuzalwa zomndeni? Zisho.

_____

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

Yisikhathi eside kangakanani esiphakathi kosuku lokuzalwa lwakho kanye nosuku lokuzalwa lomunye umuntu osemndenini wakho?

_____

Term 2 Lesson 30
Ithemu 2 Isifundo 30

Consolidation
Ukuhlanganiswa ndawonye

1 What is the time?

Ubani isikhathi?

a

_____

b

_____

c

_____

d

_____

2 Write as on a digital clock.

Bhala ngokwewashi lezinombolo.

a Quarter past two.

Imizuzu eyi-15 ngemva kwehora lesibili. _____

b Quarter to nine.

Imizuzu eyi-15 ngaphambi kwehora lesishiyagalolunye. _____

c Half past nine.

Ukugamanxa kwehora lesishiyagalolunye. _____

d Seven o' clock.

Ihora lesikhombisa ezimpondweni. _____

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

Ngisuke ekhaya ngehora lesikhombisa ekuseni futhi ngabuya ngivela esikoleni ngehora lesithathu ezimpondweni. Ngihambe amahora amangaki ekhaya?

_____

4 Look at the calendar for this month.

Bheka ikhalenda yale nyanga.

a What month is it?

Ubani igama lenyanga? _____

b How many Thursdays are there in this month?

Bangaki oLwesine abakhona kule nyanga? _____

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

Zingaki izinsuku esontweni elilodwa ngaphambi komhla ka-16 wale nyanga?

_____

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

Ubani usuku lokugcina lwale nyanga? _____

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

Ziyobe zizingaki izinsuku esontweni elilodwa ngemva komhla ka-28 wale nyanga?

_____

Term 2 Lesson 31
Ithemu 2 Isifundo 31

Assessment
Ukuhlola

Term 2 Lesson 32
Ithemu 2 Isifundo 32

Circles
Izindilinga

CLASSWORK UMSEBENZI WASEKLASINI

1 Draw 3 different sized circles in the table below.

Dweba izindilinga ezi-3 ezinobukhulu obehlukene kuthebula elingezansi.

Small circle Indilinga encane	Bigger circle Indilinga enkudlwana	Biggest circle Indilinga enkulu

2 Draw circles in different positions in the table below.

Dweba izindilinga ezinokuma okwahlukene kuthebula elingezansi.

Circle at the top Indilinga engaphezulu	Circle in the middle Indilinga ephakathi nendawo	Circle at the bottom Indilinga engaphansi

3 Use 6 circles to create a picture.
Sebenzisa izindilinga eziyi-6 ukuba wenze isithombe.

HOMEWORK UMSEBENZI WASEKHAYA

Find and draw 3 objects that are circular in your home.
Thola bese udweba izinto ezi-3 ezisandilinga ekhaya kini.

Term 2 Lesson 33
Ithemu 2 Isifundo 33

Triangles
Onxantathu

CLASSWORK UMSEBENZI WASEKLASINI

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

Sebenzisa iphepha eliyizikwele ezi-2. Goqa ngasinye kabili ukuze wenze isikwele kanye nonxantathu.

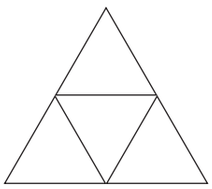
2 Stick them in your maths book and label them.

Zinamathisele ebhukwini lakho lezibalo bese uzilebula.

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

Sebenzani ngababili. Nibona imifanekiso emingaki? Yibaleni ngokucophelela.

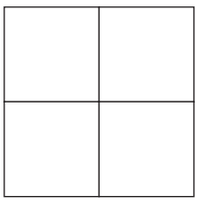
a



There are _____ triangles.

Kunonxantathu aba-_____.

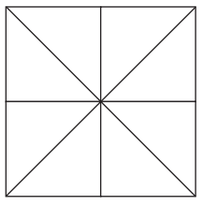
b



There are _____ squares.

Kunezikwele ezi-_____.

c



There are _____ squares, _____ triangles and _____ rectangles.

Kunezikwele ezi-_____, onxantathu abayi-_____ kanye nonxande aba-_____.

2 Draw five triangles. They must all look different.

Dweba onxantathu abahlanu. Kufanele bonke babe nokubukeka okwehlukene.

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

Thola bese usika onxantathu abanobukhulu obehlukene kumagazini noma ephephandabeni. Banamathisele ebhukwini lakho, babe nokuma okwehlukene.

a How many sides does each triangle have?

Zingaki izinhlangothi unxantathu ngamunye anazo? _____

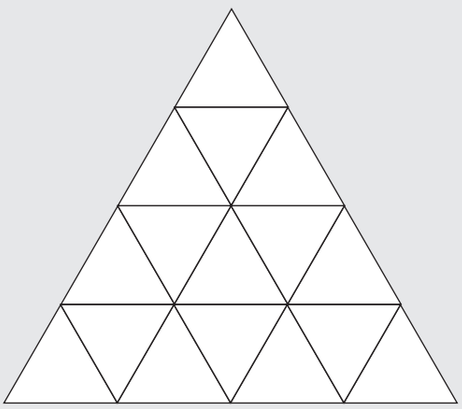
b Are the sides straight or round?

Ingabe izinhlangothi ziqondile noma zisandilinga? _____

HOMEWORK UMSEBENZI WASEKHAYA

How many triangles are there in this picture?

Bangaki onxantathu abakhona kulesi sithombe? _____



Term 2 Lesson 34
Ithemu 2 Isifundo 34

Squares
Izikwele

CLASSWORK UMSEBENZI WASEKLASINI

1 Draw a square. Draw three more, but all should look different.

Dweba isikwele. Dweba ezengeziwe ezintathu, kodwa zonke kufanele zibe nokubukeka okwehlukile.

2 Draw a picture that is made up of 8 different sized squares.

Dweba isithombe esakhiwe yizikwele eziyi-8 ezinobukhulu obehlukene.

3 Draw three squares:

Dweba izikwele ezintathu:

a A square with 4 cm sides.

Isikwele esinezinhlangothi ezingama-4 cm.

b A square with 7 cm sides.

Isikwele esinezinhlangothi ezingama-7 cm.

c A square with 10 cm sides.
Isikwele esinezinhlangothi ezingama-10 cm.

HOMEWORK UMSEBENZI WASEKHAYA

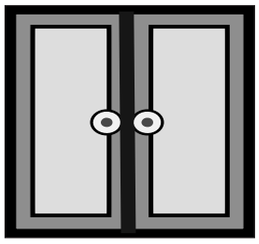
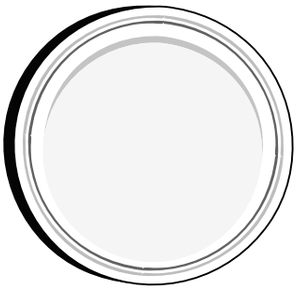
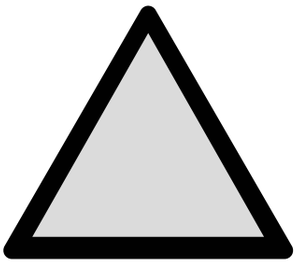
Find and draw 3 objects that are square in your home.
Thola bese udweba izinto ezi-3 eziyisikwele ekhaya kini.

Term 2 Lesson 35
Ithemu 2 Isifundo 35

Consolidation
Ukuhlanganiswa ndawonye

1 Complete the table:

Qedela ithebula:

	Object Into	Drawing of shape Umdwebo womfanekiso	Name of shape Igama lomfanekiso
a			
b			
c			

2 Draw a car using triangles, circles and squares.
Dweba imoto usebenzise onxantathu, izindilinga kanye nezikwele.

Term 2 Lesson 36
Ithemu 2 Isifundo 36

Rectangles
Onxande

CLASSWORK UMSEBENZI WASEKLASINI

Draw the following:

Dweba okulandelayo:

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

Unxande onobubanzi bama-5 cm kanye nobude obungama-7 cm phakathi nendawo yephepha lakho.

2 Draw a triangle on the left of the rectangle.

Dweba unxantathu kwesokunxele sikanxande.

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

Dweba isikwele esingama-4 cm kwesokudla sikanxande.

4 Draw circle below the rectangle.

Dweba indilinga ngezansi kukanxande.

HOMEWORK UMSEBENZI WASEKHAYA

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

Dweba isithombe somuntu usebenzise onxande, izikwele, izindilinga kanye nonxantathu.

Term 2 Lesson 37
Ithemu 2 Isifundo 37

Assessment
Ukuhlola

Term 2 Lesson 38
Ithemu 2 Isifundo 38

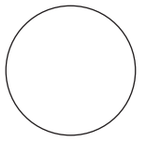
Sort and Compare 2-D shapes
Hlela ngononina bese Uqhathanisa imifanekiso enhlangothimbili

CLASSWORK UMSEBENZI WASEKLASINI

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

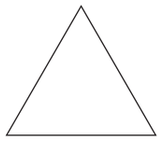
Yisho ukuthi imifanekiso elandelayo inezinhlangothi ezisandilinga noma eziqondile:

a



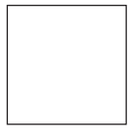
_____

b



_____

c



_____

2 Draw three shapes in each block below:

Dweba imifanekiso emithathu eblokhini ngayinye engezansi:

Shapes with straight sides Imifanekiso enezinhlangothi eziqondile	Shapes with round sides Imifanekiso enezinhlangothi ezisandilinga	Shapes with straight and round sides Imifanekiso enezinhlangothi eziqondile nezisandilinga

HOMEWORK UMSEBENZI WASEKHAYA

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

Dweba isithombe sendlu. Usebenzise izindilinga, izikwele, onxande kanye nonxantathu.

Term 2 Lesson 39
Ithemu 2 Isifundo 39

Consolidation of 2-D shapes
Ukuhlanganiswa ndawonye kwemifanekiso enhlangothimbili

CLASSWORK UMSEBENZI WASEKLASINI

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

Dweba unxantathu. Dweba onxantathu abathathu abengeziwe, kodwa babe nokuma okwehlukene.

2 Are the sides of the triangle round or straight?

Ingabe izinhlangothi zikanxantathu zisandilinga noma ziqondile?_____

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

Dweba unxande. Dweba onxande abathathu abengeziwe, kodwa babe nokuma okwehlukene.

4 Are the sides of the rectangle round or straight?

Ingabe izinhlangothi zikanxande zisandilinga noma ziqondile?_____

5 Draw three circles of different size.

Dweba izindilinga ezintathu ezinobukhulu obehlukene.

6 Are the sides of the circle round or straight?

Ingabe izinhlangothi zendilinga zisandilinga noma ziqondile?_____

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

Thola bese usika izikwele ezinobukhulu obehlukene kumagazini. Zinamathisele ebhukwini lakho, zonke zibe nokuma okwehlukene.

a How many sides does each one have?

Zingaki izinhlangothi ngasinye esinazo? _____

b Are they straight or round?

Ingabe ziqondile noma zisandilinga? _____

HOMEWORK UMSEBENZI WASEKHAYA

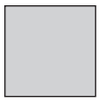
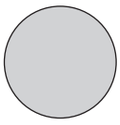
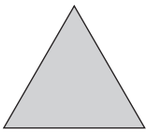
Draw a picture of a tree. You may use shapes with straight sides and round sides.

Dweba isithombe sesihlahla. Kufanele usebenzise imifanekiso enezinhlangothi eziqondile nezinhlangothi ezisandilinga.

Term 2 Lesson 40
Ithemu 2 Isifundo 40

Consolidation
Ukuhlanganiswa ndawonye

Complete the following table:
Qedela ithebula elilandelayo:

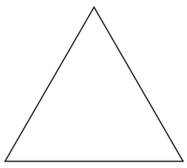
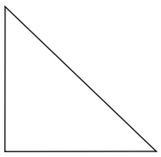
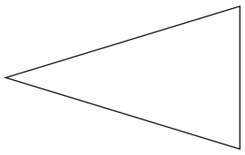
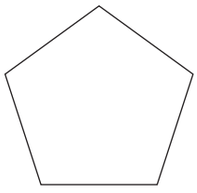
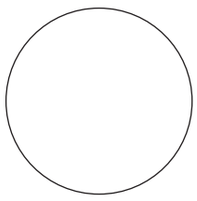
Shape Umfanekiso	Different size Ubukhulu obehlukene	Different position Ukuma okwehlukene	Different colour Imibala eyehlukene
			
			
			

Term 2 Lesson 41
Ithemu 2 Isifundo 41

Symmetry Part 1
Ukufanana nxazonke Ingxenye 1

CLASSWORK UMSEBENZI WASEKLASINI

Complete the table:
Qedela ithebula:

Shape Umfanekiso	Lines of symmetry Imigqa enqamula phakathi nendawo	
	We predict Siyaqagela	We found Esikutholayo
		
		
		
		
		

HOMEWORK UMSEBENZI WASEKHAYA

1 Draw a square.

Dweba isikwele.

2 Draw a design inside the square so that the square is still symmetrical.

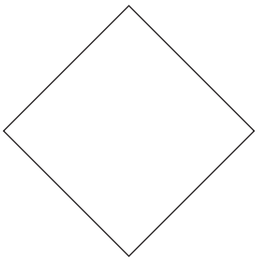
Dweba umdwebo ngaphakathi kwesikwele ukuze isikwele sibe nokufanana nxazonke.

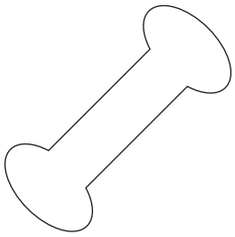
Term 2 Lesson 42
Ithemu 2 Isifundo 42

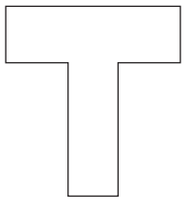
Symmetry Part 2
Ukufanana nxazonke Ingxenye 2

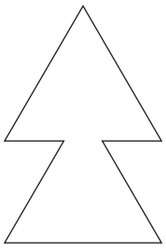
CLASSWORK UMSEBENZI WASEKLASINI

Draw the lines of symmetry into the following shapes:
Dweba imigqa enqamula phakathi nendawo emifanekisweni elandelayo:

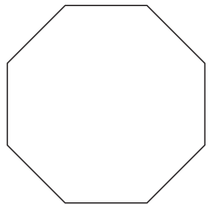
a 

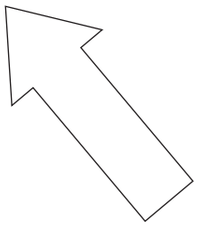
b 

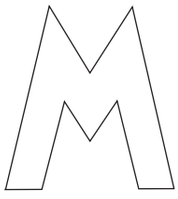
c 

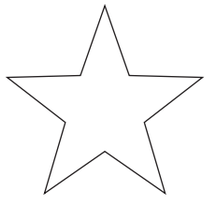
d 

e

f 

g 

h 

i 

HOMEWORK UMSEBENZI WASEKHAYA

1 Draw a symmetrical pattern in this grid.

Dweba iphethini lokufana nxazonke kulolu phahla.

2 How many lines of symmetry in your pattern?

Mingaki imigqa enqamula phakathi nendawo kuphethini yakho? _____

Term 2 Lesson 43
Ithemu 2 Isifundo 43

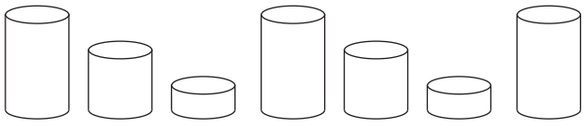
Assessment
Ukuhlola

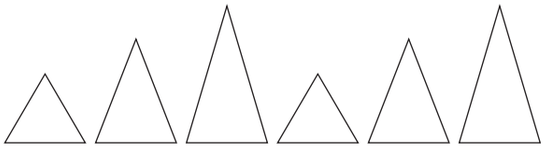
Term 2 Lesson 44
Ithemu 2 Isifundo 44

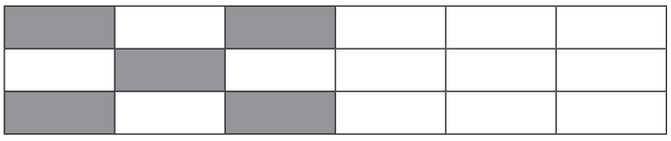
Geometric patterns
Amaphethini asazibalomdwebo

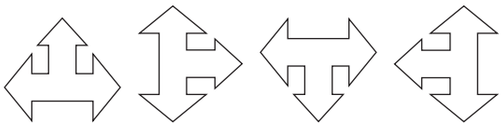
CLASSWORK UMSEBENZI WASEKLASINI

Copy and extend these patterns.
Kopisha bese ukhulisa lawa maphethini.

1  _____ _____ _____

2  _____ _____ _____

3 

4  _____ _____ _____ _____

HOMEWORK UMSEBENZI WASEKHAYA

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

Thola izinto ezi-3 ezahlukene (ngayinye ibe ngazi-2) ekhishini lakini, njengezingilazi, amapuleti kanye nezitsha.

2 Use your objects to make a pattern.

Sebenzisa izinto zakho ukuze wenze iphethini.

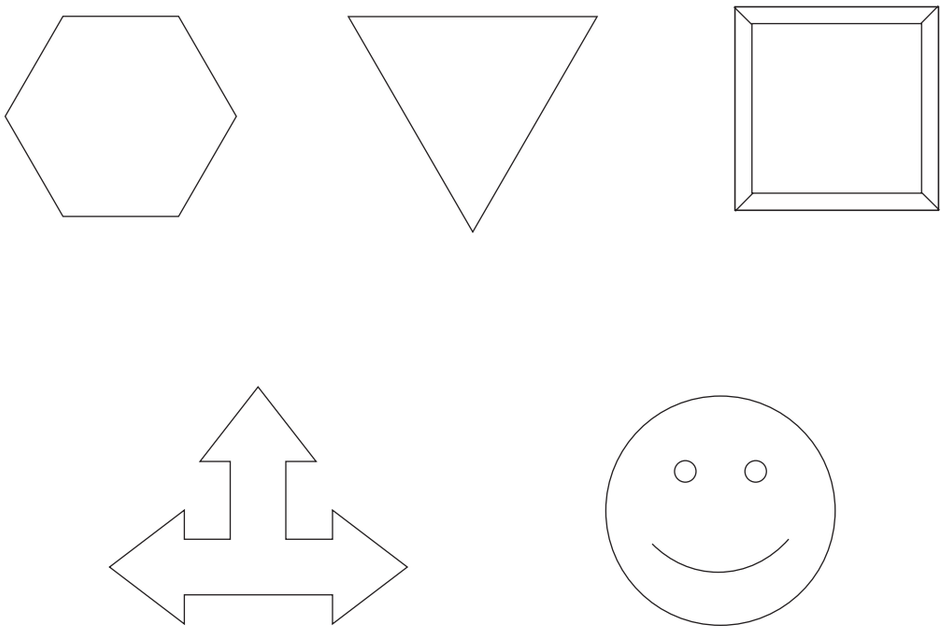
3 Draw and extend your pattern in your book.

Dweba bese ukhulisa iphethini yakho ebhukwini lakho.

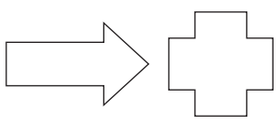
Term 2 Lesson 45
Ithemu 2 Isifundo 45

Consolidation
Ukuhlanganiswa ndawonye

1 Draw in lines of symmetry in the following shapes:
Dweba imigqa enqamula phakathi nendawo emifanekisweni elandelayo:



2 Copy and extend the following geometric patterns.
Kopisha bese ukhulisa amaphethini asazibalomdwebo alandelayo.

a  _____ _____ _____ _____

b _____ _____ _____ _____ _____ _____

Term 2 Lesson 46
Ithemu 2 Isifundo 46

Geometric patterns around us
Amaphethini asazibalomdwebo asizungezile

CLASSWORK UMSEBENZI WASEKLASINI

1 Draw the pattern that your group made with the cups.
Dweba iphethini elenziwe ngezinkomishi yiqembu lakho.

2 Describe the pattern.
Chaza iphethini.

3 Draw the pattern that your group made with the spoons.
Dweba iphethini elenziwe ngezipuni yiqembu lakho.

4 Describe your pattern.
Chaza iphethini lakho.

5 Design your own pattern, using triangles.
Zenzele eyakho iphethini, usebenzise onxantathu.

6 Describe the pattern.
Chaza iphethini.

HOMEWORK UMSEBENZI WASEKHAYA

Design a colourful and beautiful pattern.
Yenza iphethini enhle nenemibalabala.

a You may use any shapes and colours.
Ungasebenzisa noma yimiphi imifanekiso kanye nemibala.

b Remember to extend the pattern you started with.
Khumbula ukukhulisa iphethini oqale ngayo.

c You may use more than one pattern in your design.
Ungasebenzisa iphethini engaphezu kweyodwa kumdwebo wakho.

Term 2 Lesson 47
Ithemu 2 Isifundo 47

Creating geometric patterns
Ukwenza amaphethini asazibalomdwebo

CLASSWORK UMSEBENZI WASEKLASINI

1 Draw a geometric pattern and describe your pattern:
Dweba iphethini esazibalomdwebo bese uchaza iphethini yakho:

a Use triangles.
Sebenzisa onxantathu.

b Use squares.
Sebenzisa izikwele.

c Use circles.
Sebenzisa izindilinga.

2 Draw a geometric pattern using triangles, squares and circles.

Dweba iphethini esazibalomdwebo usebenzise onxantathu, izikwele kanye nezindilinga.

3 Describe your pattern.

Chaza iphethini yakho.

HOMEWORK UMSEBENZI WASEKHAYA

1 Draw a geometric pattern and describe it.

Dweba iphethini esazibalomdwebo bese uyichaza.

a Use rectangles.

Sebenzisa onxande.

b Use triangles and circles.

Sebenzisa onxantathu kanye nezindilinga.

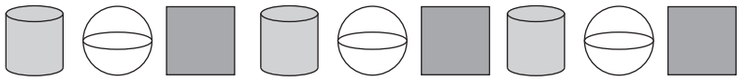
Term 2 Lesson 48
Ithemu 2 Isifundo 48

Exploring geometric patterns
Ukuhlola amaphethini asazibalomdwebo

CLASSWORK UMSEBENZI WASEKLASINI

1 Extend the patterns:

Khulisa amaphethini:

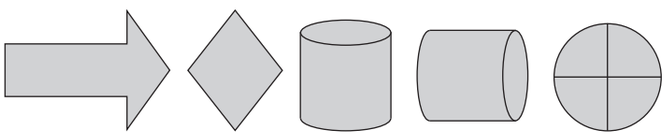
a  _____ _____ _____

b _____ _____ _____

c _____ _____

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

Sebenzisa noma iyiphi yale mifanekiso ukuba wenze amaphethini amabili ehlukene. Chaza amaphethini akho.



You don't have to use all the shapes in your two patterns.
Akudingekile ukuba usebenzise yonke imifanekiso kumaphethini akho amabili.

Pattern 1:
Iphethini 1:

Pattern 2:
Iphethini 2:

HOMEWORK UMSEBENZI WASEKHAYA

1 Design and draw your own pattern using circles, squares and triangles.

Yenza bese udweba eyakho iphethini usebenzise izindilinga, izikwele kanye nonxantathu.

2 Describe the pattern.

Chaza iphethini.

Term 2 Lesson 49
Ithemu 2 Isifundo 49

Assessment
Ukuhlola

Term 2 Lesson 50
Ithemu 2 Isifundo 50

Consolidation
Ukuhlanganiswa ndawonye

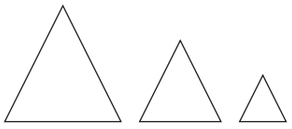
1 Extend the following pattern:

Khulisa iphethini elandelayo:

_____ _____ _____ _____

2 Describe this pattern.

Chaza le phethini.



3 Create a pattern using circles that increase in size

Yenza iphethini usebenzise izindilinga eziya zikhula ngobukhulu.

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

Yenza iphethini ngezikwele ezi-3. Izikwele kufanele ziye zincipha ngobukhulu.

Multiplication table (lesson 1 and other)
Ithebula lokuphindaphinda (isifundo 1 kanye nezinye)

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

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

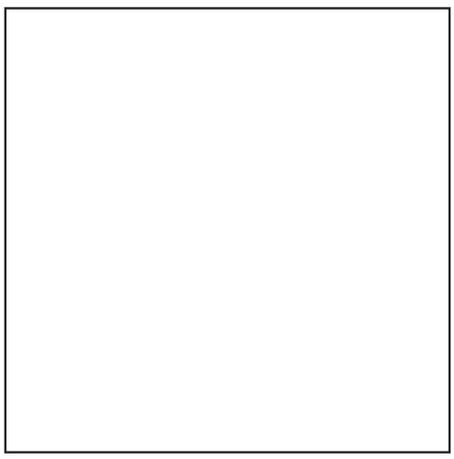
4 × 1	5 × 1	6 × 1
4 × 2	5 × 2	6 × 2
4 × 3	5 × 3	6 × 3
4 × 4	5 × 4	6 × 4
4 × 5	5 × 5	6 × 5
4 × 6	5 × 6	6 × 6
4 × 7	5 × 7	6 × 7
4 × 8	5 × 8	6 × 8
4 × 9	5 × 9	6 × 9

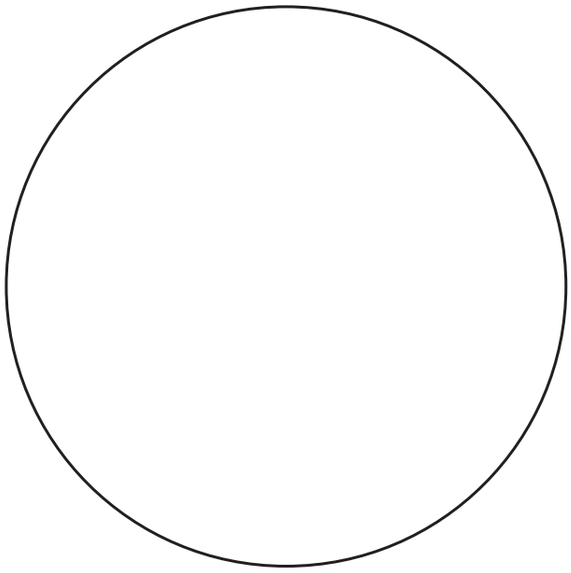
7 × 1	8 × 1	9 × 1
7 × 2	8 × 2	9 × 2
7 × 3	8 × 3	9 × 3
7 × 4	8 × 4	9 × 4
7 × 5	8 × 5	9 × 5
7 × 6	8 × 6	9 × 6
7 × 7	8 × 7	9 × 7
7 × 8	8 × 8	9 × 8
7 × 9	8 × 9	9 × 9

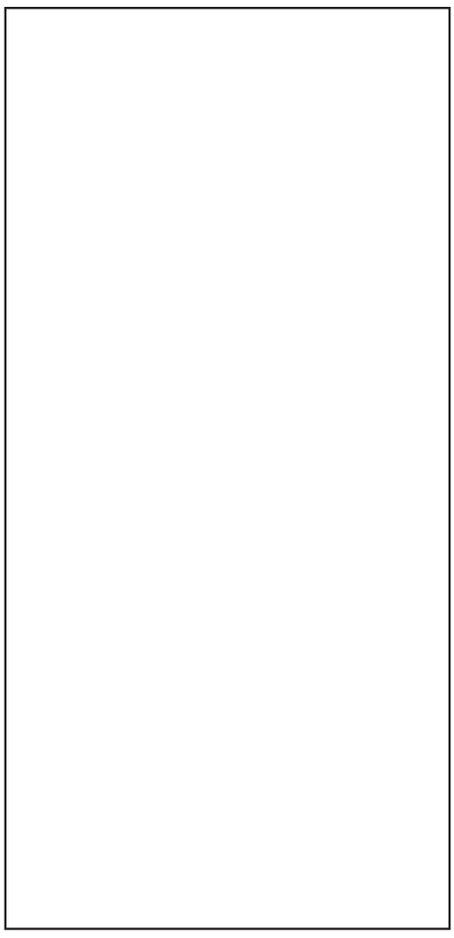
Array diagram (lesson 2 and other)
Ishadi lohlelonina (isifundo 2 kanye nezinye)

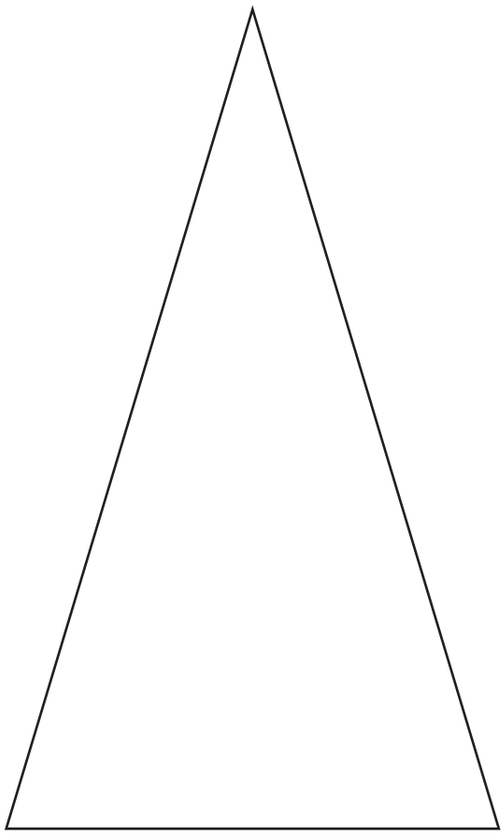
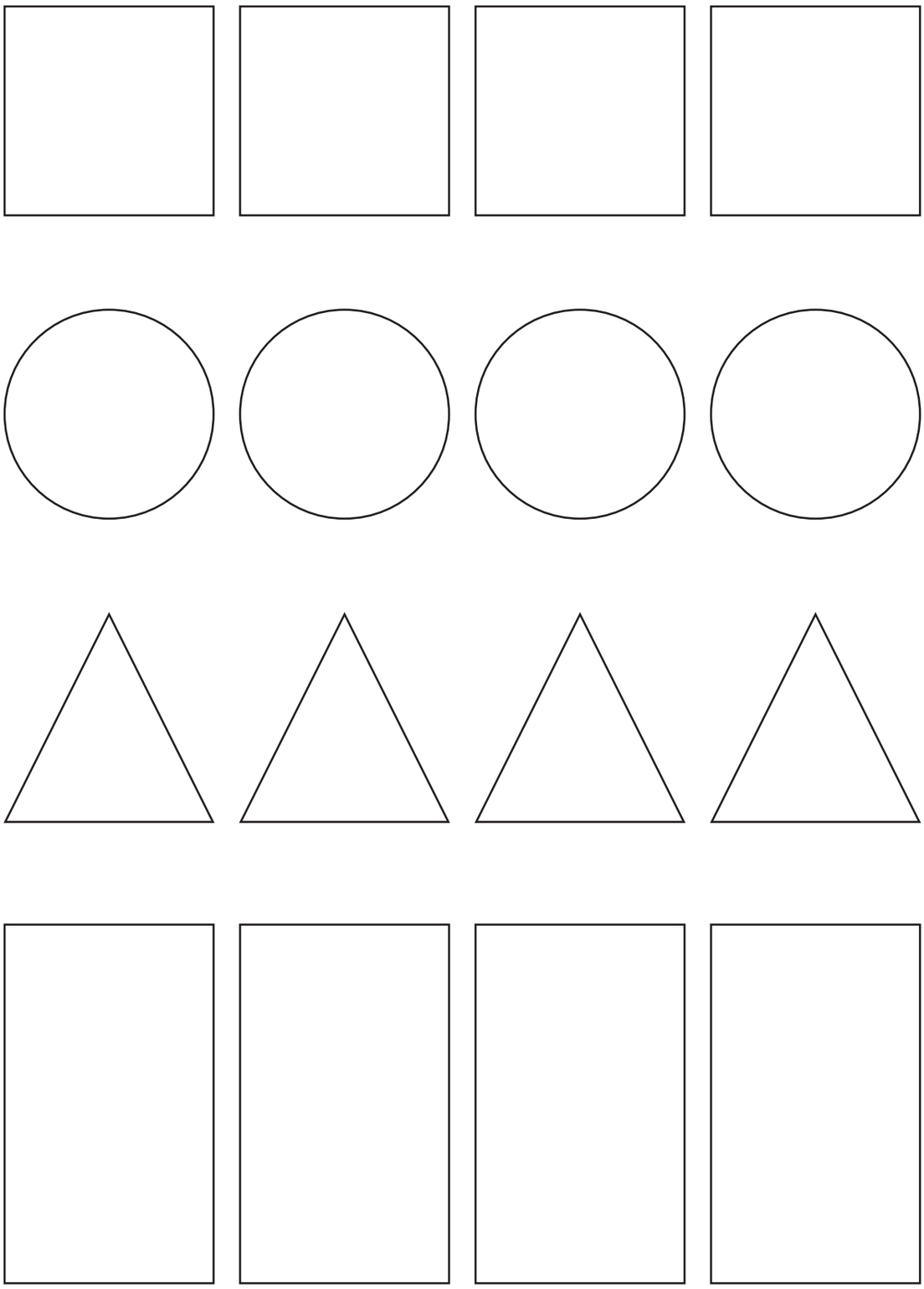
Array diagram for multiplication table Ishadi lohlelonina lethebula lokuphindaphinda										
	1	2	3	4	5	6	7	8	9	10
1	●	●	●	●	●	●	●	●	●	●
2	●	●	●	●	●	●	●	●	●	●
3	●	●	●	●	●	●	●	●	●	●
4	●	●	●	●	●	●	●	●	●	●
5	●	●	●	●	●	●	●	●	●	●
6	●	●	●	●	●	●	●	●	●	●
7	●	●	●	●	●	●	●	●	●	●
8	●	●	●	●	●	●	●	●	●	●
9	●	●	●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

Shape cut outs (1) (lesson 38)
Amaphepha asikiwe emifanekiso (1) (isifundo 38)









Shape cut outs (2) (lesson 39, 44, 47)
Amaphepha asikiwe emifanekiso (2) (isifundo 39, 44, 47)