

MATHEMATICS

Grade 3

**English/
IsiXhosa**

**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.

Intshayelelo

Lo mqulu wemisebenzi yabafundi unemisebenzi yemihla ngemihla engamashumi amahlanu eneenombolo, elungiselelwe imisebenzi yaseklasini neyasekhaya. Le misebenzi ihambelana nemisebenzi ekwizicwangciso zezifundo. Iimpendulo zale misebenzi zingabhalwa apha encwadini.

Le miqulu ibhalwe ngeelwimi ezimbini. Siyathemba ukuba ukusebenzisa iilwimi ezimbini kuya kubanceda abafundi bafunde amagama emathematika ngolwimi lwasekhaya isiXhosa nangesiNgesi. Ukwenza njalo kuya kubaxhobisa bakulungele ukufunda imathematika ubomi babo bonke.

Ukuba abafundi bathi gqolo ukwenza imisebenzi yabo yemathematika, baya kuyigqiba yonke ikharityhulam. Siyathemba ukuba le misebenzi ilapha iya kuba yindlela enoyolo yokubanceda ekufumaneni ulwazi lwemathematika.

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Term 2 Lesson 1

Ikota 2 Isifundo 1

Multiplication tables up to 5
Iitheyibhile zophindaphindo ukuya ku-5

CLASSWORK UMSEBENZI WASEKLASINI

- Learners arrange the multiplication cards in order for the following times tables:
Abafundi balandelelanisa amakhadi ophindaphindo belungiselela ezi theyibhile zilandelayo:
 $a \times 1$ $b \times 2$ $c \times 3$ $d \times 4$ $e \times 5$
- Play the 1 to 5 multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:
Gqibezela itheyibhile:

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	Answer Ipendulo
1	4×3	$3 + 3 + 3 + 3$	
2	5×4		
3		$2 + 2 + 2 + 2$	
4	5×3		

Term 2 Lesson 2

Ikota 2 Isifundo 2

Multiplication using array diagrams

Uphindaphindo usebenzisa imizobo yocwangciso manani

CLASSWORK UMSEBENZI WASEKLASINI

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

Abafundi balandelelanisa amakhadi ophindaphindo belungiselela ezi theyibhile zilandelayo:

$a \times 1$ $b \times 2$ $c \times 3$ $d \times 4$ $e \times 5$

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

Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Gqibezela itheyibhile:

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	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

Ikota 2 Isifundo 3

The 6 times table

Itheyibhile yophindaphindo luka-6

CLASSWORK UMSEBENZI WASEKLASINI

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

Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Gqibezela itheyibhile:

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	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

Ikota 2 Isifundo 4

The 6 times table

Itheyibhile yophindaphindao luka-6

CLASSWORK UMSEBENZI WASEKLASINI

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

Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Gqibezela itheyibhile:

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	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

Ikota 2 Isifundo 5

Consolidation

Uqukaniso

- 1 Complete the table:
Gqibezela itheyibhile:

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	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

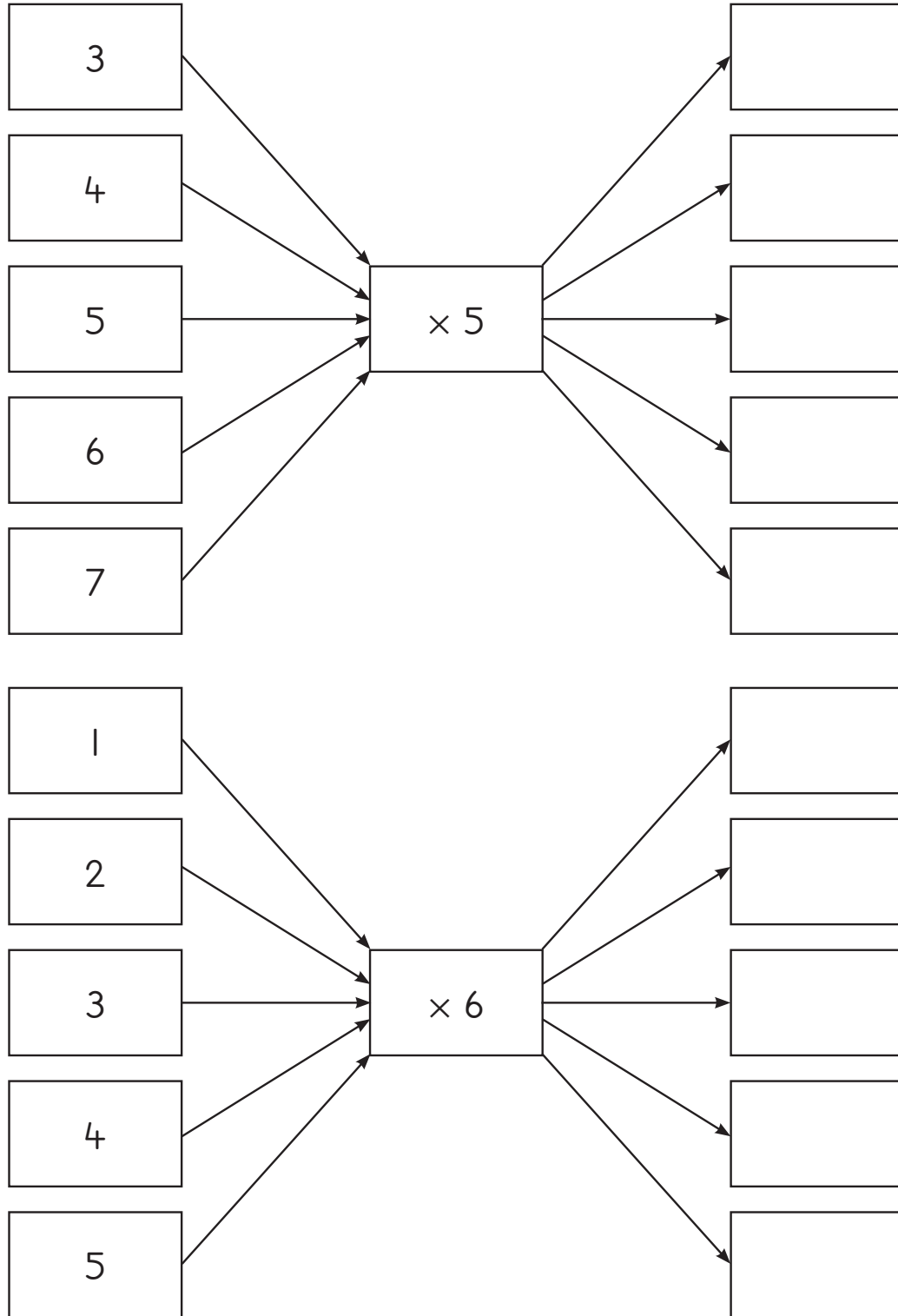
2 Complete the table:

Gqibezela itheyibhile:

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	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:

Grqibezela le mizobo yesigcawu:



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

Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

Term 2 Lesson 6

Ikota 2 Isifundo 6

The 7 times table

Itheyibhile yophindaphindo luka-7

CLASSWORK UMSEBENZI WASEKLASINI

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

Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Gqibezela itheyibhile:

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	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

Ikota 2 Isifundo 7

The 7 times table

Itheyibhile yophindaphindo luka-7

CLASSWORK UMSEBENZI WASEKLASINI

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

Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Gqibezela itheyibhile:

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	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
Ikota 2 Isifundo 8
Assessment
Uvavanyo

Term 2 Lesson 9

Ikota 2 Isifundo 9

The 8 times table

Itheyibhile yophindaphindo luka-8

CLASSWORK UMSEBENZI WASEKLASINI

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

Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Gqibezela itheyibhile:

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	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

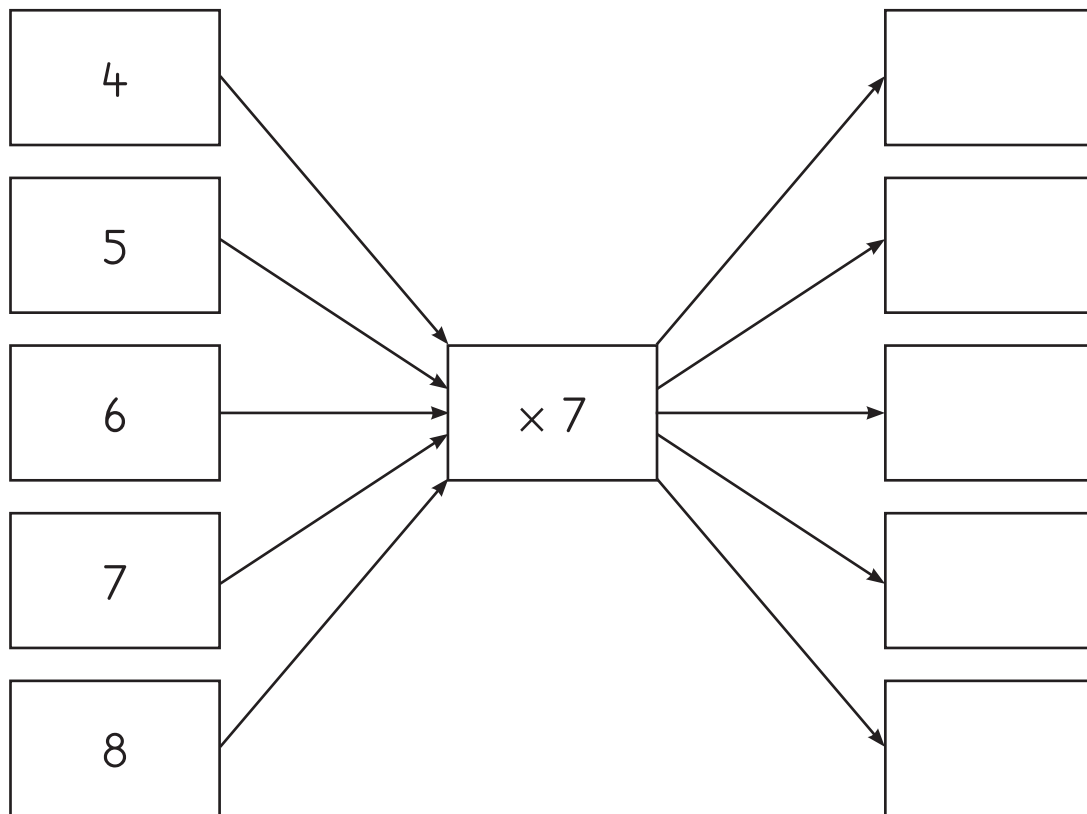
Ikota 2 Isifundo 10

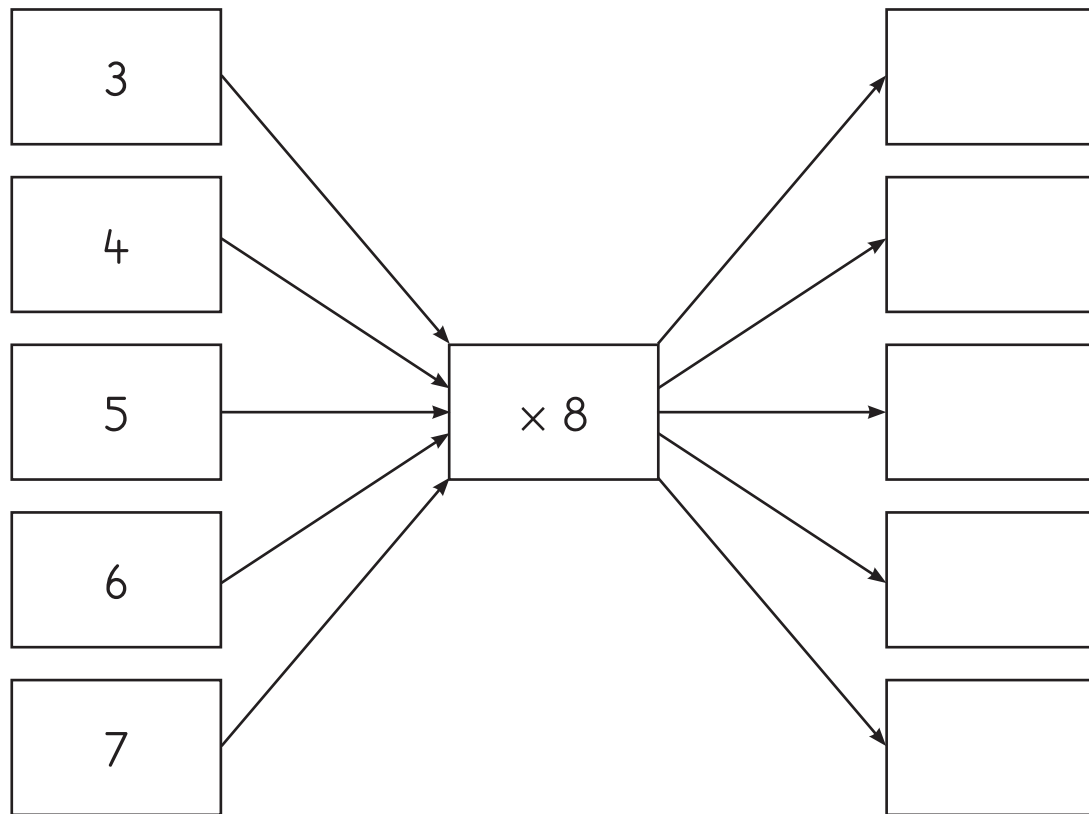
Consolidation

Uqukaniso

CLASSWORK UMSEBENZI WASEKLASINI

- 1 Complete the flow diagrams:
Gqibezela le mizobo yezigcawu:





2 Complete the tables:
Gqibezela iithegibhile:

a

	4		6	7	8
$\times 7$		35			

b

	3	4	5		7
$\times 8$				48	

3 Play the multiplication card game in pairs. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

Term 2 Lesson 11

Ikota 2 Isifundo 11

The 9 times table

Itheyibhile yophindaphindo luka-9

CLASSWORK UMSEBENZI WASEKLASINI

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

Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Gqibezela itheyibhile:

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	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

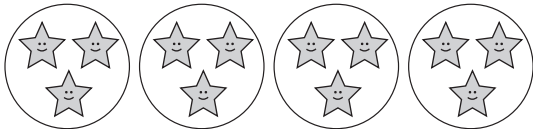
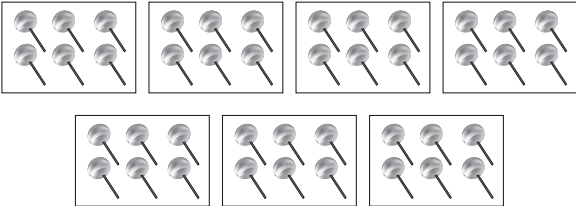

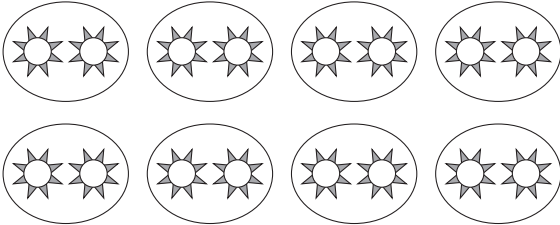
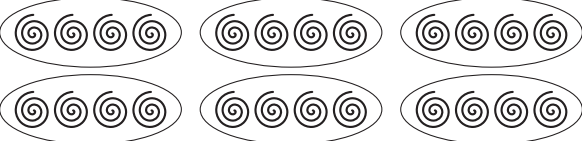
Ikota 2 Isifundo 12

The 8 and 9 times tables
 Iitheyibhile zophindaphindo luka-8 no-9

CLASSWORK UMSEBENZI WASEKLASINI

1 Write the number sentences with answers:

Bhala izivakalisi manani neempendulo:

		Number sentence Isivakalisi manani
a		
b		
c		
d		
e		

2 Write the number sentences with answers:

Bhala izivakalisi manani neempendulo:

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3 Write the number sentences with answers:

Bhala izivakalisi manani neempendulo:

	Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
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 izivakalisi manani neempendulo:

	Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
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

Ikota 2 Isifundo 13

The 1 times table

Itheyibhile yophindaphindo luka-1

CLASSWORK UMSEBENZI WASEKLASINI

1 Write the number sentences with answers:

Bhala izivakalisi manani neempendulo:

		Number sentence Isivakalisi manani
a	9 groups of 1 amaqela asi- 9 ka-1	
b	7 groups of 4 amaqela asi- 7 ka-4	
c	5 groups of 1 amaqela ama-5 ka-1	
d	6 groups of 3 amaqela ama-6 ka-3	
e	1 group of 1 iqela eli-1 lika-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 izivakalisi manani neempendulo:

	Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
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 izivakalisi manani neempendulo:

		Number sentence Isivakalisi manani
a	3 groups of 1 Amaqela ka-1 ama-3	
b	4 groups of 6 Amaqela ka-6 ama-4	
c	8 groups of 1 Amaqela ka-1 asi-8	
d	2 groups of 7 Amaqela ka-7 ama-2	
e	5 groups of 1 Amaqela ka-1 ama-5	

Term 2 Lesson 14

Ikota 2 Isifundo 14

Doubling and repeated addition

Ukuphinda kabini nokudibanisa okuphindiweyo

CLASSWORK UMSEBENZI WASEKLASINI

1 Calculate by doubling:

Bala ngokuphinda kabini:

	Multiple Iziphindwa	Double Phinda kabini	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 kabini:

	Multiple Iziphindwa	Double Phinda kabini	Add Dibanisa	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 Bongive had 20 balloons.
Her mom gave her 21 balloons.
How many balloons did she have altogether?

UBongive ebeneebhaluni ezingama-20.
Umama wakhe umphe ezinye iibhaluni ezingama-21.
Zingaphi iibhaluni anazo zizonke?

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

UNomsa ebenesipha seentyatyambo ezingama-35.
Ufumene esinye isipha esineentyatyambo ezingama-36.
Zingaphi iintyatyambo ebenazo zidibene?

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 unezijunge zentambo ezingama-41.
Usike ezinye izijungqe ezingama-41.
Zingaphi izijungqe zeentambo anazo ngoku?

Term 2 Lesson 15

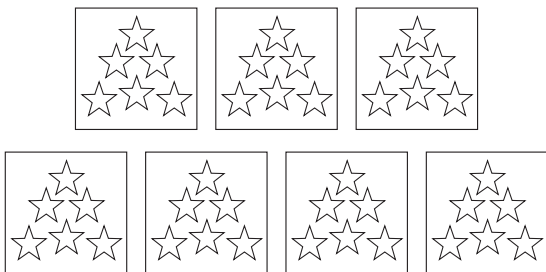
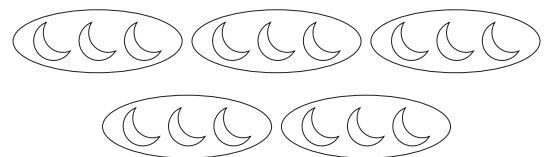
Ikota 2 Isifundo 15

Consolidation

Uqukaniso

1 Write the number sentences with answers:

Bhala izivakalisi manani neempendulo:

		Number sentence Isivakalisi manani																																													
a.																																															
b.																																															
c.	<table border="1" data-bbox="396 1432 635 1769"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>1</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>2</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>3</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>4</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>5</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>6</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> </table>		1	2	3	4	1	●	●	●	●	2	●	●	●	●	3	●	●	●	●	4	●	●	●	●	5	●	●	●	●	6	●	●	●	●											
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3	●	●	●	●	●	●	●	●																																							
4	●	●	●	●	●	●	●	●																																							

2 Write the number sentences with answers:

Bhala izivakalisi manani neempendulo:

	Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
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 izivakalisi manani neempendulo:

		Number sentence Isivakalisi manani
a	3 groups of 4 Amaqela ka-4 ama-3	
b	4 groups of 8 Amaqela ka-8 ama-4	
c	9 groups of 9 Amaqela ka-9 ali-9	
d	2 groups of 5 Amaqela ka-5 ama-2	
e	6 groups of 7 Amaqela ka-7 ama-6	

4 Calculate by doubling:

Bala ngokuphinda kabini:

	Multiple Iziphindwa	Double Phinda kabini	Add Dibanisa	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

Ikota 2 Isifundo 16

Assessment
Uvavanyo

Term 2 Lesson 17

Ikota 2 Isifundo 17

Multiplication patterns
Iipatheni zophindaphindo

CLASSWORK UMSEBENZI WASEKLASINI

Play the multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi ophindaphindo. Utitshala wenu uza kunichazela imigaqo.

HOMEWORK UMSEBENZI WASEKHAYA

1 Draw circles in an array to show the multiple:

Zoba izangqa kwitheyibhile yocwangciso manani ubonise iziphindwa:

	Multiple Iziphindwa	Array Ucwangciso manani		Multiple Iziphindwa	Array Ucwangciso manani
a	4×5		b	5×4	
c	3×6		d	6×3	

Term 2 Lesson 18

Ikota 2 Isifundo 18

Patterns in multiplication tables
Iipatheni kwiitheyibile zophindaphindo

CLASSWORK UMSEBENZI WASEKLASINI


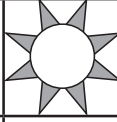

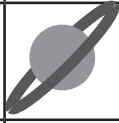

Play the multiplication card game. Your teacher will explain the rules.
Dlalani umdlalo wamakhadi ophindaphinda. Utitshala wenu uza kunicacisela ngemigaqo.

HOMEWORK UMSEBENZI WASEKHAYA

Write the number sentences for each of the covered numbers:

Bhala isivakalisi manani kwinqanaba ngalinye kumanani agqunyiweyo.

- 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

Ikota 2 Isifundo 19

Multiply by 10
Phindaphinda nge-10

CLASSWORK UMSEBENZI WASEKLASINI

- 1 Complete the table:
Gqibezela itheyibhile

		Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
a	5 groups of 2 Amaqela ka-2 ama-5		
b	3 groups of 9 Amaqela ka-9 ama-3		
c		$6 + 6 + 6 + 6 + 6 + 6$	
d	1 group of 10 Iqela lika-10 eli-1		
e	8 groups of 4 Amaqela ka-4 asi-8	$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4$	
f		$5 + 5 + 5 + 5$	

		Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
g		$10 + 10 + 10 + 10 + 10 + 10 + 10$	
h	5 groups of 7 Amaqela ka-7 ama-5		

2 Solve the problems:

Sombulula ezi ngxaki:

- a I have 3 R10 bank notes. How much money do I have altogether?
Ndinee-R10 ezingamaphepha ezi-3. Yimalini endinayo iyonke?

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = R30$$

- b I have 7 R10 notes. How much money do I have altogether?
Ndinee-R10 ezingamaphepha ezisi-7. Ndinamalini iyonke?

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = R70$$

HOMEWORK UMSEBENZI WASEKHAYA

Complete the table:

Gqibezela itheyibhile:

		Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
a	3 groups of 10 Amaqela ka-10 ama-3	$10 + 10 + 10$	
b	4 groups of 7 Amaqela ka-7 ama-4		$4 \times 7 = 28$
c		$6 + 6 + 6$	
d	10 groups of 4 Amaqela ka-4 ali-10		
e		$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5$	

Term 2 Lesson 20

Ikota 2 Isifundo 20

Consolidation

Uqukaniso

1 Write the number sentences:

Bhala isivakalisi manani

	Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
a	6 groups of 8 Amaqela ka-8 ama-6	
b	4 groups of 2 Amaqela ka-2 ama-4	
c	$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5$	
d	2 groups of 7 Amaqela ka-7 ama-2	
e	$3 + 3 + 3 + 3$	
f	$9 + 9 + 9$	

	Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
g	9 groups of 8 Amaqela ka-8 ali-9	
h	10 groups of 6 Amaqela ka-6 ali-10	
i	$4 + 4 + 4 + 4 + 4 + 4 + 4$	
j	$10 + 10 + 10 + 10 + 10$	
k	9 groups of 1 Amaqela ka-1 ali-9	
l	8 groups of 2 Amaqela ka-2 asi-8	
m	$7 + 7 + 7 + 7 + 7 + 7$	
n	$6 + 6 + 6 + 6 + 6 + 6 + 6$	
o	5 groups of 4 Amaqela ka-4 ama-5	
p	7 groups of 9 Amaqela ka-9 asi-7	

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

Dlalani ngokwamaqela umdlalo othi 'SNAP' ngamakhadi ophindaphindo. Utitshala wenu uza kunicacisela ngemigaqo.

Term 2 Lesson 21

Ikota 2 Isifundo 21

Assessment

Uvavanyo

Term 2 Lesson 22

Ikota 2 Isifundo 22

Multiply by 0 and find the missing number
Phindaphinda ngo-0 uze ufumane inani elishiyiweyo

CLASSWORK UMSEBENZI WASEKLASINI

1 Use your multiplication table to find the missing numbers:

Sebenzisa itheyibhile yophindaphindo uze ufumane amanani ashiyiweyo:

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

2 Calculate:

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

Ikota 2 Isifundo 23

More multiplication patterns
Ezinye iipatheni zophindaphindo

CLASSWORK UMSEBENZI WASEKLASINI

Use your multiplication table to find the missing numbers:

Sebenzisa itheyibhile yakho yophindaphindo uze ufumane amanani ashuyiweyo:

		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

<p>I have 3 bunches of flowers. In each bunch there are 3 pink flowers and 4 white flowers. How many flowers do I have altogether?</p>	<p>Ndinezipha zeentyantyambo ezithathu. Isipha ngasinye sineentyatyambo ezipinki ezi-3 neentyatyambo ezimhlophe ezi-4. Zingaphi iintyatyambo endinazo zizonke?</p>
<p>Draw a diagram. Zoba umfanekiso.</p>	
<p>Write the number sentences. Bhala izivakalisi manani</p>	
<p>Write the answer. Bhala impendulo</p>	

Term 2 Lesson 24

Ikota 2 Isifundo 24

Assessment
Uvavanyo

Term 2 Lesson 25

Ikota 2 Isifundo 25

Consolidation

Uqukaniso

- 1 Use your multiplication table to find the missing numbers:

Sebenzisa itheyibhile yophindaphindo ukuze ufumane inani elishiyiweyo:

		Answer Ipendulo			Answer Ipendulo
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:

Zoba itheyibhile yocwangciso manani ubonise oku:

		Array Ucwangciso manani
a	6×2	

		Array Ucwangciso manani
b	2×6	
c	7×4	
d	4×7	

3 Solve the problem:

Sombulula le ngxaki:

<p>I have 4 bags of shapes. In each bag there are 2 triangles and 5 rectangles. How many shapes do I have altogether?</p>	<p>Ndineengxowa zeemilo ezi-4. Kwingxowa nganye kukho oonxantathu aba-2 neengxande ezi-5. Zingaphi iimilo endinazo zizonke?</p>
<p>Draw a diagram. Zoba umfanekiso.</p>	
<p>Write the number sentences. Bhala izivakalisi manani</p>	
<p>Write the answer. Bhala impendulo</p>	

Term 2 Lesson 26

Ikota 2 Isifundo 26

Time
Ixsha

CLASSWORK UMSEBENZI WASEKLASINI

1 Write these times as digital times:

Bhala la maxesha ngokwewotshi yamanani:

a Half past seven.

Licala emva kweyesixhenxe. _____

b Quarter past seven.

Ngumkhono emva kweyesixhenxe. _____

c Quarter to 4.

Ngumkhono phambi kweyesi-4. _____

d Quarter past four.

Ngumkhono emva kweyesine. _____

e Half past 5.

Licala emva kweyesi-5. _____

2 Write these times as analogue times:

Bhala la maxesha ngokwewotshi yamasiba:

a 05:30 _____

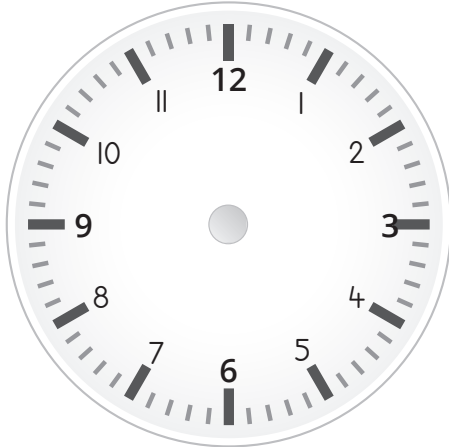
b 02:00 _____

c 12:00 _____

d 07:00 _____

3 Show quarter past two on the clock:

Bonisa ixesha ewotshini: ngumkhono emva kweyesibini:



a Write the time below the clock.

Bhala ixesha ngezantsi kwewotshi.

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

Mingaphi imizuzu phambi kwentsimbi yesi-3? _____

c Where is the hour hand pointing?

Usiba lweyure lwalathe phi? _____

d Where is the minute hand pointing?

Usiba lwemizuzu lwalathe phi? _____

HOMEWORK UMSEBENZI WASEKHAYA

1 Show on the clock faces below:

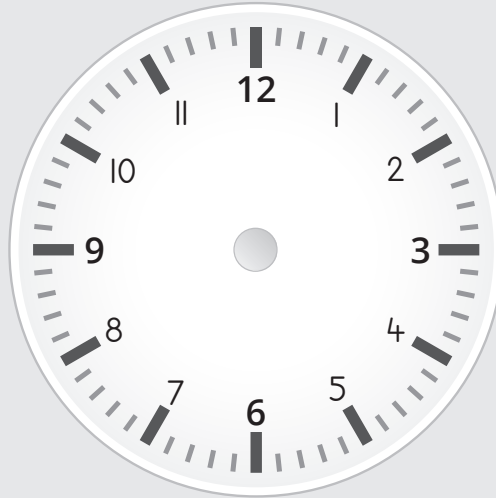
Bonisa kwiwotshi engasezantsi:

a 10 o'clock

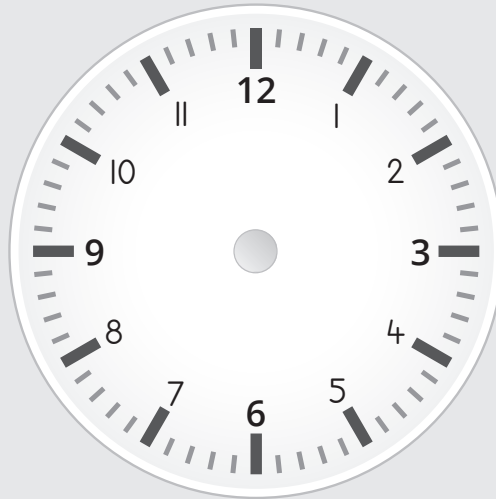
yintsimbi ye-10



b 12 o'clock
yintsimbi ye-12



c 5 o'clock
yintsimbi yesi-5



2 Write the times shown on these clocks:
Bhala amaxesha aboniswe kwezi wotshi:

a



b



c

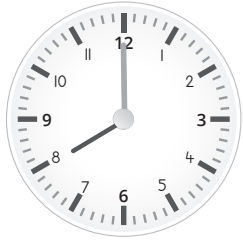
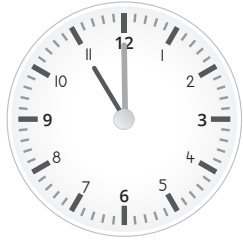
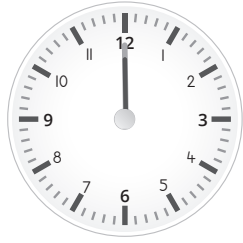
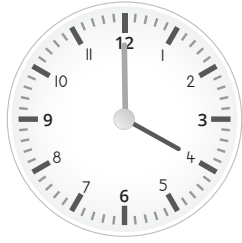
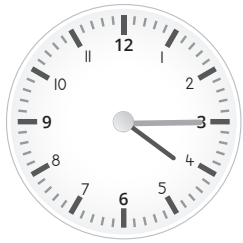
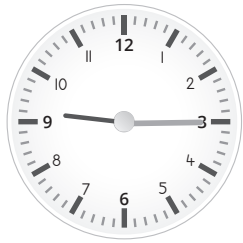
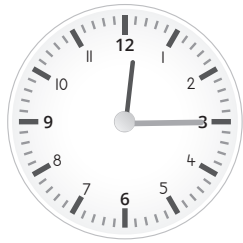
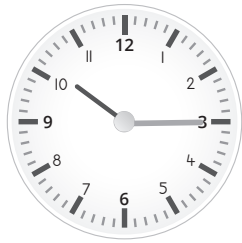
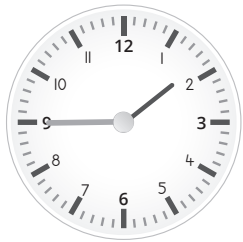
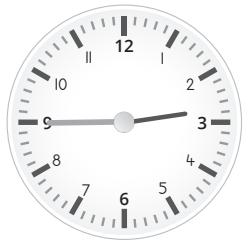
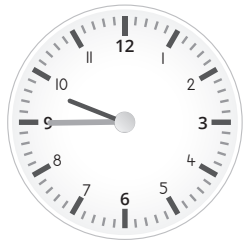
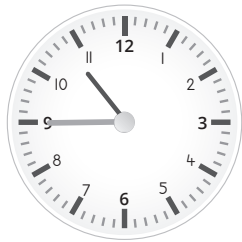

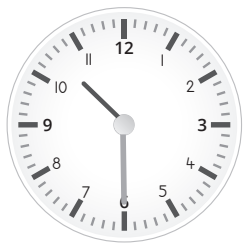
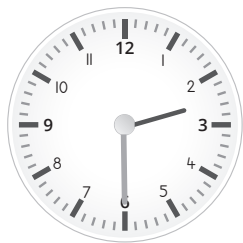
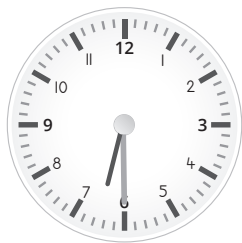


Term 2 Lesson 27

Ikota 2 Isifundo 27

Measuring Time/Ukulinganisa ixesha

Clock faces for classwork activity./Iimbuso zewotshi zemisebenzi yaseklasini.

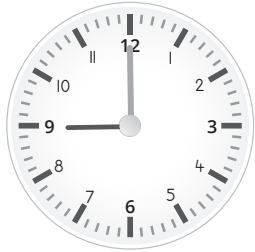
_____ o'clock/yintsimbi ye _____			
			
08:00	11:00	12:00	04:00
quarter past _____/ngumkhono emva kweye _____			
			
04:15	09:15	12:15	10:15
quarter to _____/ngumkhono phambi kweye _____			
			
01:45	02:45	09:45	10:45
half past _____/licala emva kweye _____			
			
07:30	10:30	02:30	06:30

CLASSWORK UMSEBENZI WASEKLASINI

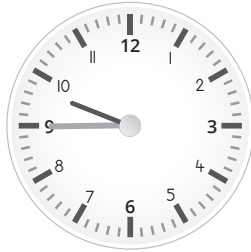
1 What is the time? Write the time in words.

Ngubani ixesha? Bhala ixesha ngamazwi.

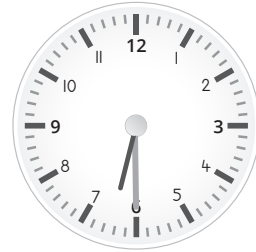
a



b



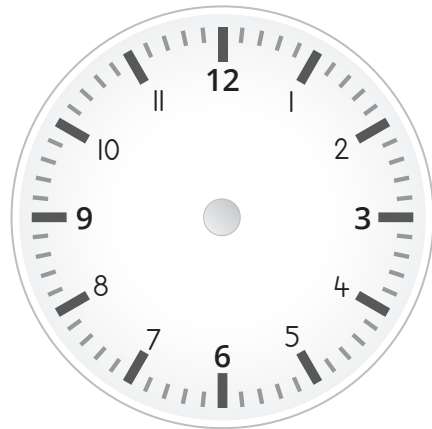
c



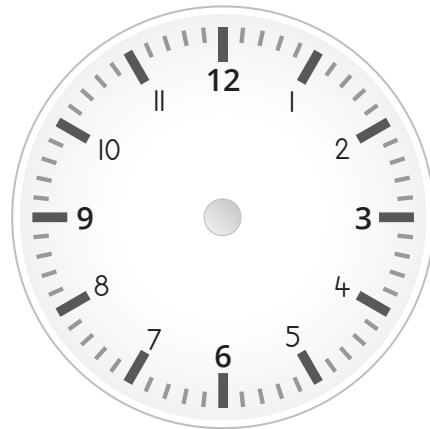
2 Show the times on the clock faces:

Bonisa ixesha ewotshini:

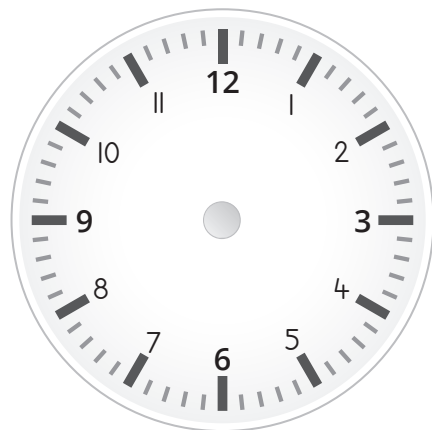
a Ten o'clock
yintsimbi yeshumi



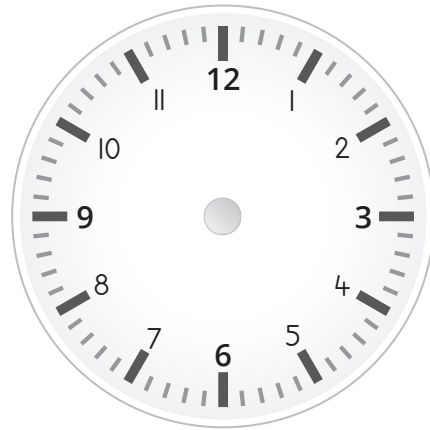
b Quarter to twelve
ngumkhono phambi kweyeshumi
elinambini



c Nine minutes to one
yimizuzu elithoba phambi
kweyokuqala



d 17:35



HOMEWORK UMSEBENZI WASEKHAYA

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

Ngubani ixesha? Bhala ixesha ngamagama/ngamazwi.

a



b

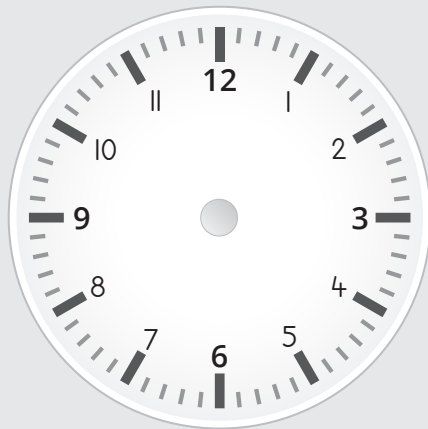


2 Show the times on the clock faces:

Bonisa la maxesha ewotshini:

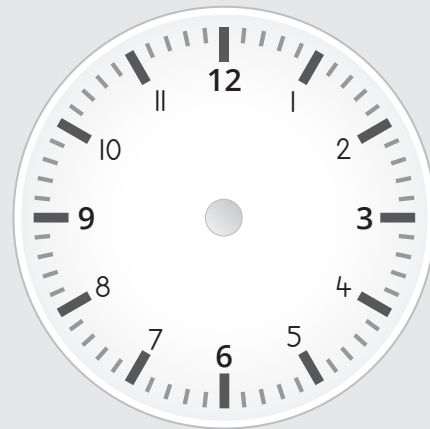
a 9 minutes past 1

Imizuzu eli-9 emva kweyoku-1



b Quarter to three

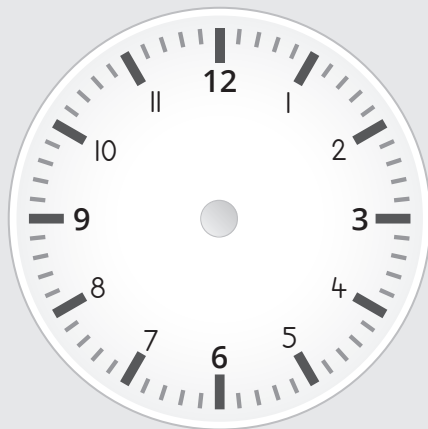
Umkhono phambi kweyesithathu



c Four minutes past five

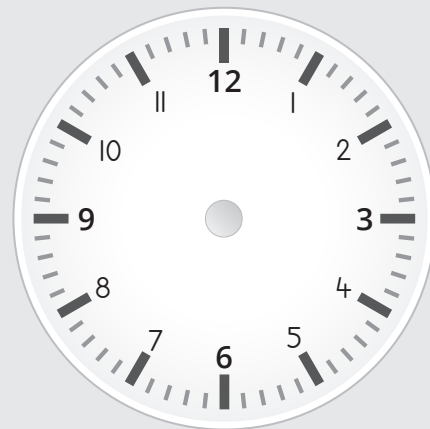
imizuzu emine emva

kweyesihlanu



d 15 minutes to 5

imizuzu eli-15 phambi kweyesi-5



Term 2 Lesson 28

Ikota 2 Isifundo 28

Time passed
Ixesha elidlulileyo

CLASSWORK UMSEBENZI WASEKLASINI

1 Write these times in digital time:

Bhala la maxesha ngokwamanani:

a Half past eight.

Licala emva kweyesibhozo.

b Quarter to six.

Ngumkhono phambi kweyesithandathu.

c Quarter to 9.

Ngumkhono phambi kweye-9.

d Quarter past 2.

Ngumkhono emva kweyesi-2.

e Half past four.

Licala emva kweyesine.

2 Write these times in analogue time

Bhala la maxesha ngokwewotshi yamasiba/ngamazwi

a 05:15 _____

b 02:45 _____

c 12:15 _____

d 07:30 _____

3 How many minutes in one hour?

Mingaphi imizuzu kwiyure enye _____

4 How many hours in one day?

Zingaphi iiyure kusuku olunye? _____

5 How many days in one week?

Zingaphi iintsuku kwiveki enye? _____

6 How many months in one year?

Zingaphi iinyanga kunyaka omnye/enyakeni? _____

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 umka kowabo ngo-7:15 aze afike esikolweni ngo-8:00. Uthathe ixesha elingakanani uDiksha ukuya esikolweni?

HOMEWORK UMSEBENZI WASEKHAYA

a How many minutes in 2 hours?

Mingaphi imizuzu kwiiyure ezi-2? _____

b How many hours in 2 days?

Zingaphi iiyure kwintsuku ezi-2? _____

c How many days in 2 weeks?

Zingaphi iintsuku kwiveki ezi-2? _____

d How many months in 2 years?

Zingaphi iinyanga kwiminyaka emi-2? _____

Term 2 Lesson 29

Ikota 2 Isifundo 29

Calendars/Ikhalenda

January							February							March						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4							1							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28		23	24	25	26	27	28	29
														30	31					
April							May							June						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5					1	2	3	1	2	3	4	5	6	7
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
27	28	29	30				25	26	27	28	29	30	31	29	30					
July							August							September						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5						1	2	1	2	3	4	5	6	6
6	7	8	9	10	11	12	3	4	5	6	7	8	9	7	8	9	10	11	12	13
13	14	15	16	17	18	19	10	11	12	13	14	15	16	14	15	16	17	18	19	20
20	21	22	23	24	25	26	17	18	19	20	21	22	23	21	22	23	24	25	26	27
27	28	29	30	31			24	25	26	27	28	29	29	28	29	30				
							31													
October							November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4							1	1	2	3	4	5	6	6
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27
26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31			
							30	31												

CLASSWORK UMSEBENZI WASEKLASINI

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

Fakela umbala kwiiholide zikawonke-wonke nezenkolo zoMzantsi Afrika kwikhalenda ka-2020

South African public holidays calendar	
Ikhhalenda yeeholide zikawonke-wonke zoMzantsi Afrika	
New Year's Day Usuku loNyaka Omtsha	Tuesday 1 January NgoLwesibini woku-1 kweyoMqungu
Human Rights Day Usuku lwamalungelo oluntu	Thursday 21 March NgoLwesine wama-21 kweyoKwindla
Good Friday IPasika	Friday 19 April NgoLwesihlanu we-19 kwekaTshazimpuzi
Family Day Usuku lweentsapo	Monday 22 April NgoMvulo wama-22 kwekaTshazimpuzi
Freedom Day Usuku lwenkululeko	Saturday 27 April NgoMgqibelo wama-27 kwekaTshazimpuzi
Workers' Day Usuku lwabasebenzi	Wednesday 1 May NgoLwesithathu woku-1 kwekaCanzibe
Youth Day Usuku lolutsha	Sunday 16 June NgeCawe we-16 kweyeSilimela
Women's Day Usuku loomama	Friday 9 August NgoLwesihlanu we-9 kweyeThupha
Heritage Day Usuku lwezamafa	Tuesday 24 September NgoLwesibini wama-24 kweyoMsintsi
Day of Reconciliation Usuku loxolelwaniso	Monday 16 December ngoMvulo we-16 kweyoMnga
Christmas Day Usuku lweKrisimesi	Wednesday 25 December NgoLwesithathu wama-25 kweyoMnga
Day of Goodwill Usuku lobudlelwane	Thursday 26 December NgoLwesine wama-26 kweyoMnga

- 2 Colour the block of your favourite month in yellow.

Fakela umbala omthubi kwibloko yenyanga oyithandayo.

- 3 How long is it between New Year's Day and Freedom Day?
Lixesha elingakanani phakathi kosuku loNyaka Omtsha nosuku lweNkululeko?
-

- 4 How long is it between Youth Day and Heritage Day?
Lingakanani ixesha eliphakathi kosuku loLutsha nolwaMafa?
-

HOMEWORK UMSEBENZI WASEKHAYA

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

Fakela umbala kwiintsuku zokuzalwa zabantu bakowenu/zamalungu osapho kwikhalenda yemisebenzi yaseklasini.

- 2 How many months of the year have no family birthdays? Name them.
Zingaphi iinyanga zonyaka ezingenazintsuku zokuzalwa? Zichaze.

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

Lixesha elingakanani phakathi kosuku lwakho lokuzalwa nosuku lomnye umntu kwiintsuku zokuzalwa zosapho?

Term 2 Lesson 30

Ikota 2 Isifundo 30

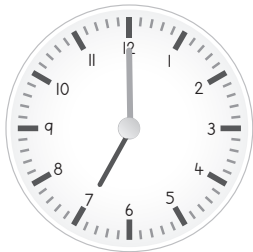
Consolidation

Uqukaniso

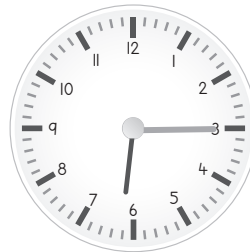
1 What is the time?

Ngubani ixesha?

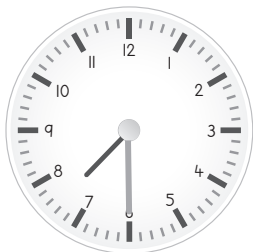
a



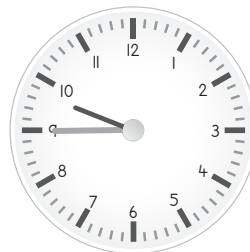
b



c



d



2 Write as on a digital clock.

Bhala ixesha ngokwewotshi yamanani.

a Quarter past two.

Ngumkhono emva kweyesibini. _____

b Quarter to nine.

Ngumkhono phambi kweyethoba. _____

- c Half past nine.
Licala emva kweyethoba. _____
- d Seven o' clock.
Yintsimbi yesixhenxe. _____
- 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?
Ndimke ekhaya ngentsimbi yesixhenxe kusasanje ndaze ndabuya ukuvela esikolweni ngentsimbi yesithathu. Ziiyure ezingaphi ndimkile ekhaya?

- 4 Look at the calendar for this month.
Jonga ikhalenda yale nyanga.
- a What month is it?
Yeyiphi le nyanga? _____
- b How many Thursdays are there in this month?
Bangaphi ooLwesine kule nyanga? _____
- c What is the date one week before the sixteenth of this month?
Iza kube ingumhla wesingaphi kwiveki enye phambi komhla weshumi elinesithandathu kule nyanga?

- d On what day is the last day of this month?
Usuku lokugqibela kule nyanga lungolwesingaphi? _____
- e What will the date be one week after the twenty eighth of this month?
Iya kube ingumhla wesingaphi kwiveki enye elandela umhla wamashumi amabini anesibhozo wale nyanga?

Term 2 Lesson 3I

Ikota 2 Isifundo 3I

Assessment
Uvavanyo

Term 2 Lesson 32

Ikota 2 Isifundo 32

Circles

Izangqa

CLASSWORK UMSEBENZI WASEKLASINI

- 1 Draw 3 different sized circles in the table below.

Zoba izangqa ezithathu ezinobukhulu obahlukeneyo kule theyibhile ingasezantsi.

Small circle Isangqa esincinci	Bigger circle Isangqa esikhudlwana	Biggest circle Esona sangqa sikhulu

- 2 Draw circles in different positions in the table below.

Zoba izangqa kwiindawo ezahlukeneyo kule theyibhile ingasezantsi.

Circle at the top Isangqa ngaphezulu	Circle in the middle Isangqa embindini	Circle at the bottom Isangqa ngasezantsi

- 3 Use 6 circles to create a picture.
Yila umfanekiso usebenzise izangqa ezi-6.

HOMEWORK UMSEBENZI WASEKHAYA

Find and draw 3 objects that are circular in your home.
Khangela kowenu izinto ezi-3 ezingqukuva uze uzizobe.

Term 2 Lesson 33

Ikota 2 Isifundo 33

Triangles Oonxantathu

CLASSWORK UMSEBENZI WASEKLASINI

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

Sebenzisa amaphepha amabini azizikwere. Songa iphepha ngalinye kabini ukuze wenze isikwere nonxantathu.

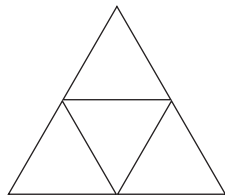
- 2 Stick them in your maths book and label them.

Wancamathisele kwincwadi yakho yezibalo uze uwaphawule.

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

Sebenzani ngababini. Zingaphi iimilo ozibonayo? Bala kakuhle.

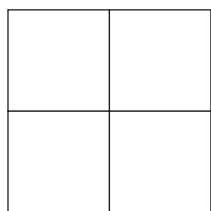
a



There are _____ triangles.

Kukho oonxantathu aba_____.

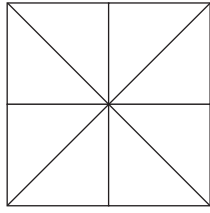
b



There are _____ squares.

Kukho izikwere ezi_____.

c



There are _____ squares, _____ triangles and _____ rectangles.

Kukho izikwere ezi _____, oonxantathu aba _____ neengxande ezi _____.

- 2 Draw five triangles. They must all look different.

Zoba oonxantathu abahlanu. Kufuneka bangafani bonke, bohluke.

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

Khangela oonxantathu abangalinganiyo ngobukhulu kwimagazini okanye kwiphephandaba uze ubasike. Bancamathisele encwadini yakho kwiindawo ezahlukeneyo.

- a How many sides does each triangle have?

Unxantathu ngamnye unamacala amangaphi? _____

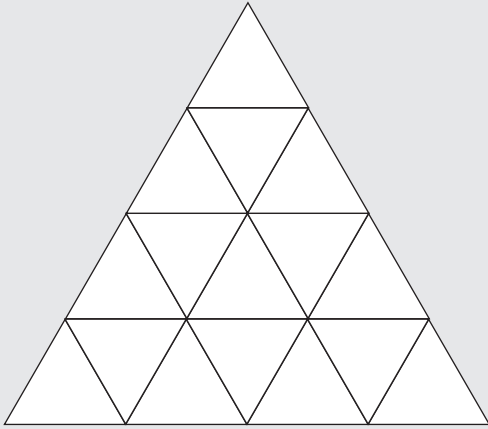
- b Are the sides straight or round?

Ingaba unamacala athe tse okanye angqukuva? _____

HOMEWORK UMSEBENZI WASEKHAYA

How many triangles are there in this picture?

Bangaphi oonxantathu abasemfanekisweni? _____



3 Draw three squares:

Zoba izikwere ezithathu:

a A square with 4 cm sides.

Isikwere esinamacala angange-4 cm.

b A square with 7 cm sides.

Isikwere esinamacala angange-7 cm.

- c A square with 10 cm sides.
Isikwere esinamacala angange-10 cm.

HOMEWORK UMSEBENZI WASEKHAYA

Find and draw 3 objects that are square in your home.

Khangela izinto ezintathu ezisikwere kowenu uze uzizobe.

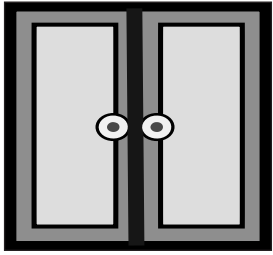
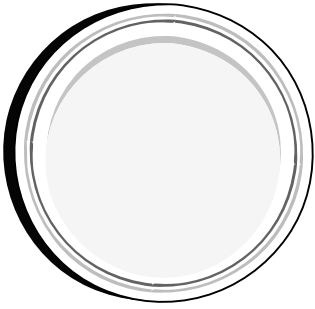
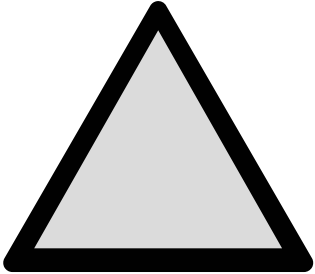
Term 2 Lesson 35

Ikota 2 Isifundo 35

Consolidation

Uqukaniso

- 1 Complete the table:
Gqibezela le theyibhile:

	Object Into ekhoyo	Drawing of shape Umzobo wemilo	Name of shape Igama lemilo
a			
b			
c			

2 Draw a car using triangles, circles and squares.

Zoba imoto usebenzise oonxantathu, izangqa nezikwere.

Term 2 Lesson 36

Ikota 2 Isifundo 36

Rectangles Iingxande

CLASSWORK UMSEBENZI WASEKLASINI

Draw the following:

Zoba oku kulandelayo:

- 1 A rectangle 5 cm wide and 7 cm long in the middle of your page.
Uxande olunobubanzi obungange-5 cm, ubude obungange-7 cm embindini wephepha lakho.
- 2 Draw a triangle on the left of the rectangle.
Zoba unxantathu ngasekhohlo koxande.
- 3 Draw a 4 cm square on the right of the rectangle.
Zoba isikwere esinamacala angange-4 cm ngasekunene koxande.
- 4 Draw circle below the rectangle.
Zoba isangqa ngezantsi koxande.

HOMEWORK UMSEBENZI WASEKHAYA

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

Zoba umfanekiso womntu usebenzise iingxande, izikwere, izangqa noonxantathu.

Term 2 Lesson 37

Ikota 2 Isifundo 37

Assessment
Uvavanyo

Term 2 Lesson 38

Ikota 2 Isifundo 38

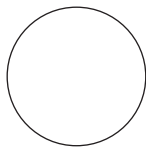
Sort and Compare 2-D shapes
Hlela uze uthelekise iimilo ezine-2D

CLASSWORK UMSEBENZI WASEKLASINI

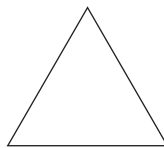
1 Say if the following shapes have round or straight sides:

Yitsho ukuba ezi milo zilandelayo zinamacala angqukuva okanye athe tse na:

a



b



c



2 Draw three shapes in each block below:

Zoba iimilo ezintathu kwibloko nganye engasezantsi:

Shapes with straight sides Iimilo ezinamacala athe tse	Shapes with round sides Iimilo ezinamacala angqukuva	Shapes with straight and round sides Iimilo ezinamacala athe tse nangqukuva

HOMEWORK UMSEBENZI WASEKHAYA

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

Zoba umfanekiso wendlu. Sebenzisa izangqa, izikwere, iingxande noonxantathu.

Term 2 Lesson 39

Ikota 2 Isifundo 39

Consolidation of 2-D shapes
Uqukaniso lweemilo ezingu-2D

CLASSWORK UMSEBENZI WASEKLASINI

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

Zoba unxantathu. Zoba abanye oonxantathu abathathu, kodwa babe kwiindawo ezahlukeneyo.

2 Are the sides of the triangle round or straight?

Ingaba amacala kanxantathu angqukuva okanye athe tse? _____

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

Zoba uxande. Zoba ezinye iingxande ezintathu, kodwa zibe kwiindawo ezahlukeneyo.

4 Are the sides of the rectangle round or straight?

Ingaba amacala oxande angqukuva okanye athe tse? _____

- 5 Draw three circles of different size.
Zoba izangqa ezithathu ezinobukhulu obahlukeneyo.
- 6 Are the sides of the circle round or straight?
Ingaba amacala esangqa angqukuva okanye athe tse? _____
- 7 Find and cut out squares of different sizes from a magazine. Stick them in your book, all in different positions.
Khangela izikwere ezinobukhulu obahlukeneyo kwimagazini uze uzisike.
Zincamathelise encwadini yakho kwiindawo ezahlukeneyo.
- a How many sides does each one have?
Isikwere ngasinye sinamacala amangaphi? _____
- b Are they straight or round?
Ingaba athe tse okanye angqukuva? _____

HOMEWORK UMSEBENZI WASEKHAYA

Draw a picture of a tree. You may use shapes with straight sides and round sides.
Zoba umfanekiso womthi. Ungasebenzisa iimilo ezinamacala athe tse nangqukuva.



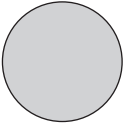
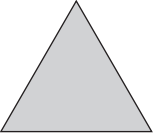
Term 2 Lesson 40

Ikota 2 Isifundo 40

Consolidation

Uqukaniso

Complete the following table:
Gqibezela le theyibhile ilandelayo:

Shape Imilo	Different size Ubukhulu obahlukileyo	Different position Indawo eyahlukileyo	Different colour Umbala owahlukileyo
			
			
			
			

Term 2 Lesson 41

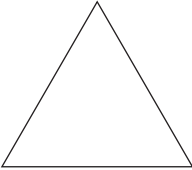
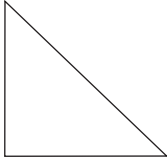
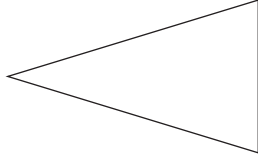
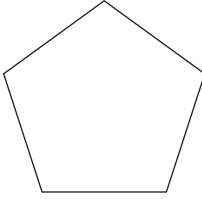
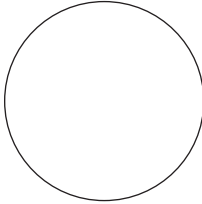
Ikota 2 Isifundo 41

Symmetry Part 1

Ulingano macala Isiqendu 1

CLASSWORK UMSEBENZI WASEKLASINI

Complete the table:
Gqibezela itheyibhile:

Shape Imilo	Lines of symmetry Imigca yolingano macala	
	We predict Siyaqikelela	We found Sifumene
		
		
		
		
		

HOMEWORK UMSEBENZI WASEKHAYA

1 Draw a square.

Zoba isikwere.

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

Zoba imilo ngaphakathi kwesikwere ukuze isikwere sihlale silingana macala.

Term 2 Lesson 4.2

Ikota 2 Isifundo 4.2

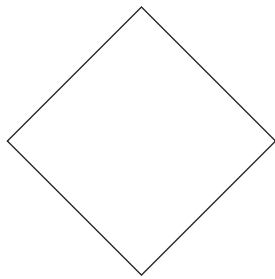
Symmetry Part 2

Ulingano macala Isiqendu 2

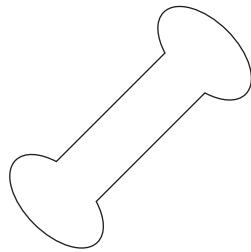
CLASSWORK UMSEBENZI WASEKLASINI

Draw the lines of symmetry into the following shapes:
Krwela imigca yolingano macala kwezi milo zilandelayo:

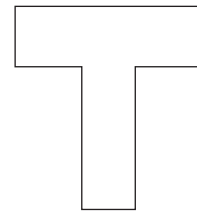
a



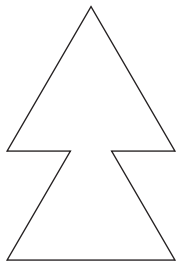
b



c



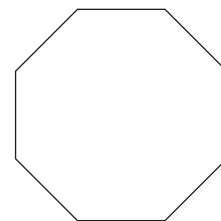
d



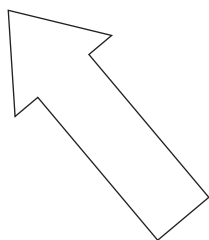
e



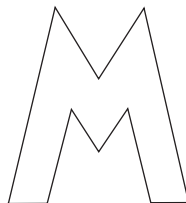
f



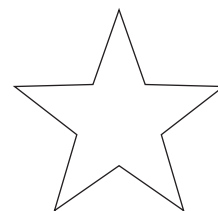
g



h

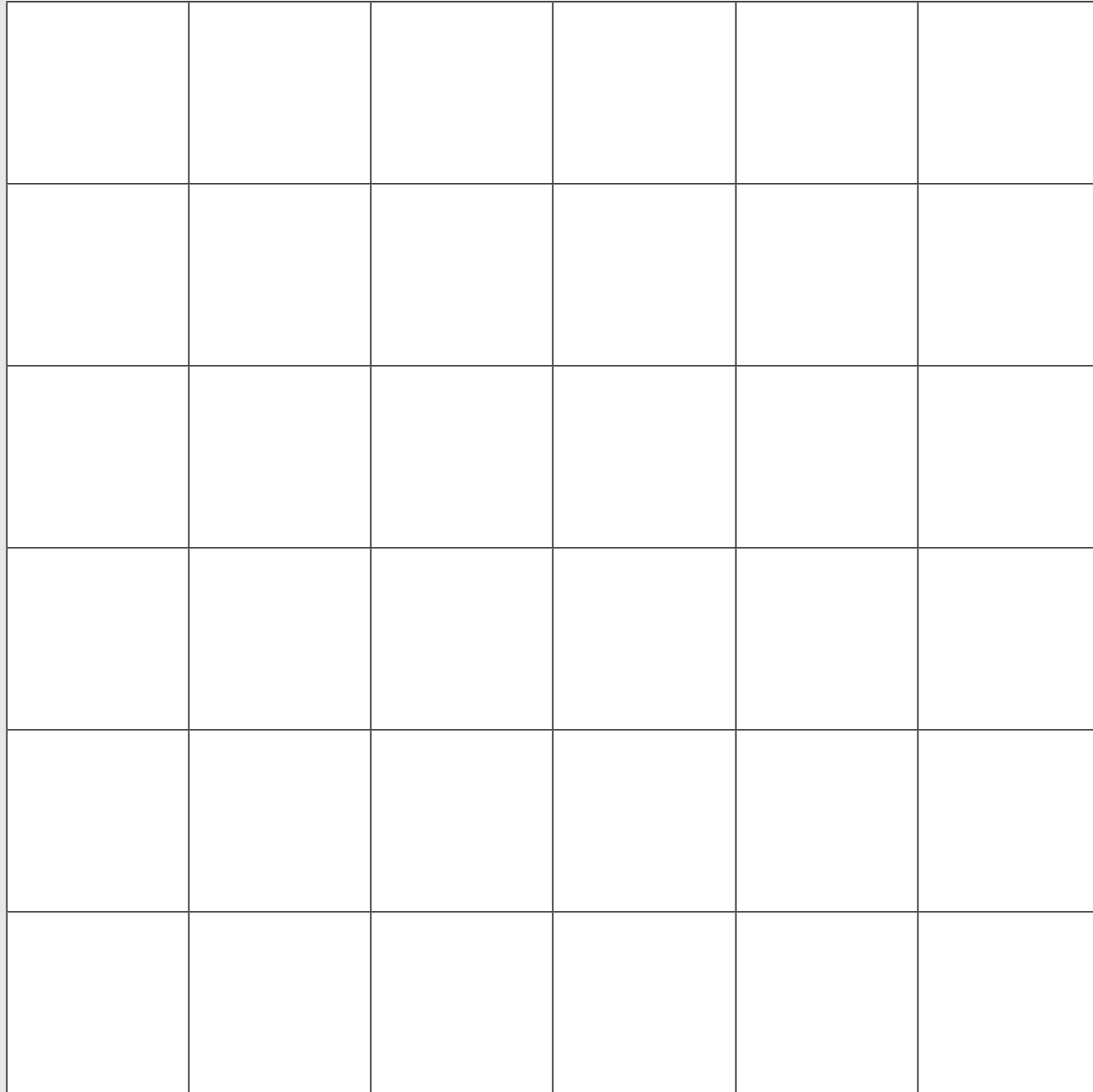


i



HOMEWORK UMSEBENZI WASEKHAYA

- 1 Draw a symmetrical pattern in this grid.
Zoba ipatheni enolingano macala kule gridi.



- 2 How many lines of symmetry in your pattern?
Mingaphi imigca yolingano kwipatheni yakho? _____

Term 2 Lesson 43

Ikota 2 Isifundo 43

Assessment
Uvavanyo

Term 2 Lesson 44

Ikota 2 Isifundo 44

Geometric patterns

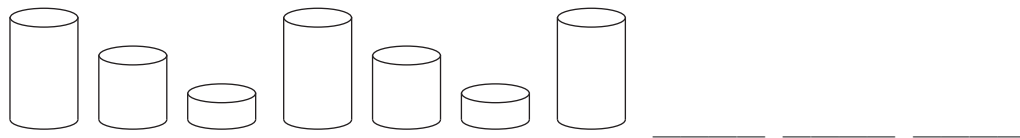
Iipatheni zejometri

CLASSWORK UMSEBENZI WASEKLASINI

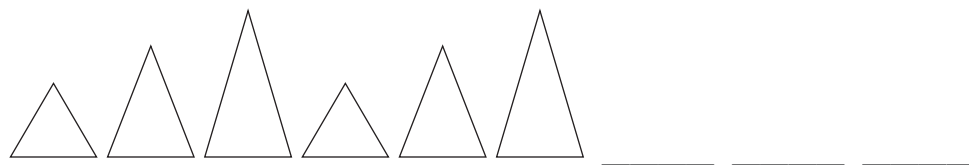
Copy and extend these patterns.

Khuphela uze wandise ezi patheni.

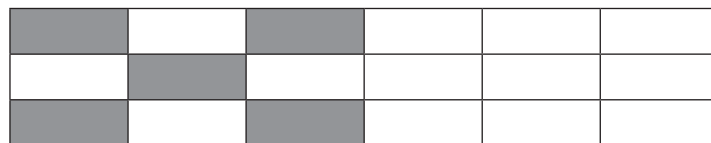
1



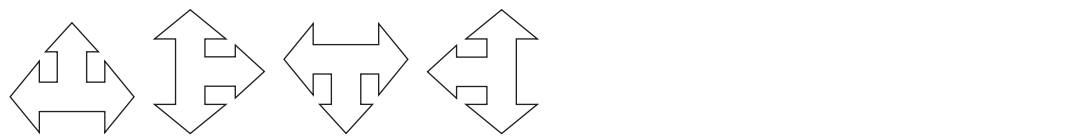
2



3



4



HOMEWORK UMSEBENZI WASEKHAYA

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

Khangela izinto ezi-3 ezahlukeneyo ekhitshini kowenu (zibe-2 kwinto nganye), ezifana neeglasi, iipleyiti nezitya.

- 2 Use your objects to make a pattern.

Sebenzisa ezi zinto wenze ipatheni.

- 3 Draw and extend your pattern in your book.

Zoba ipatheni yakho uze uyandise encwadini yakho.

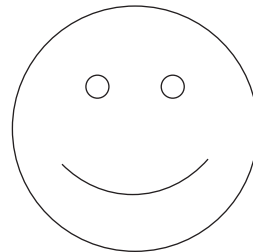
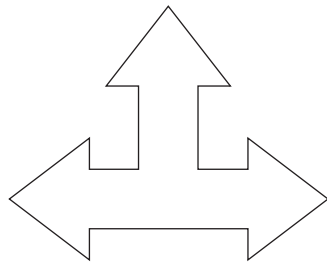
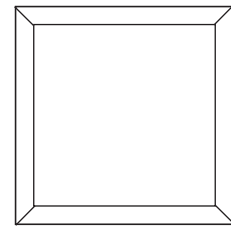
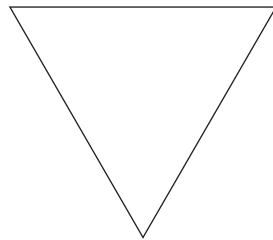
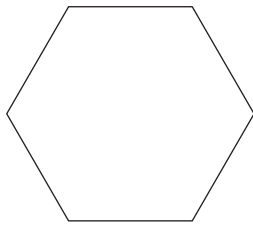
Term 2 Lesson 45

Ikota 2 Isifundo 45

Consolidation

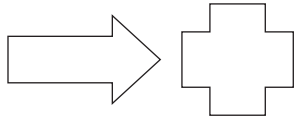
Uqukaniso

- 1 Draw in lines of symmetry in the following shapes:
Krwela imigca yolingano macala kwezi milo zilandelayo:



- 2 Copy and extend the following geometric patterns.
Khuphela uze wandise ezi patheni zejometri zilandelayo.

a



b



Term 2 Lesson 4b

Ikota 2 Isifundo 4b

Geometric patterns around us
Iipatheni zejometri ezikwindawo okuyo

CLASSWORK UMSEBENZI WASEKLASINI

1 Draw the pattern that your group made with the cups.
Zoba ipatheni eyenziwe liqela lakho ngeekomityi.

2 Describe the pattern.
Chaza ipatheni.

3 Draw the pattern that your group made with the spoons.
Zoba ipatheni eyenziwe liqela lakho ngamacephe.

4 Describe your pattern.
Chaza ipatheni.

5 Design your own pattern, using triangles.
Yila ipatheni yakho usebenzise oonxantathu.

6 Describe the pattern.
Chaza ipatheni.

HOMEWORK UMSEBENZI WASEKHAYA

Design a colour ful and beautiful pattern.
Yila ipatheni enemibala nentle.

- a You may use any shapes and colours.
Ungasebenzisa nokuba zeziphi iimilo nemibala.
- b Remember to extend the pattern you started with.
Khumbula ukuba wandise ipatheni oqale ngayo.
- c You may use more than one pattern in your design.
Ungasebenzisa iipatheni ezininzi kumfanekiso wakho.

Term 2 Lesson 47

Ikota 2 Isifundo 47

Creating geometric patterns

Ukuyila iipatheni zejometri

CLASSWORK UMSEBENZI WASEKLASINI

1 Draw a geometric pattern and describe your pattern:

Zoba ipatheni yejometri uze uyichaze:

a Use triangles.

Sebenzisa oonxantathu.

b Use squares.

Sebenzisa izikwere.

c Use circles.

Sebenzisa izangqa.

- 2 Draw a geometric pattern using triangles, squares and circles.
Zoba ipatheni yejometri usebenzise oonxantathu, izikwere nezangqa.

- 3 Describe your pattern.
Chaza ipatheni yakho.
-

HOMEWORK UMSEBENZI WASEKHAYA

- 1 Draw a geometric pattern and describe it.
Zoba ipatheni yejometri uze uyichaze.

- a Use rectangles.
Sebenzisa iingxande.
-

- b Use triangles and circles.
Sebenzisa oonxantathu nezangqa.
-

Term 2 Lesson 48

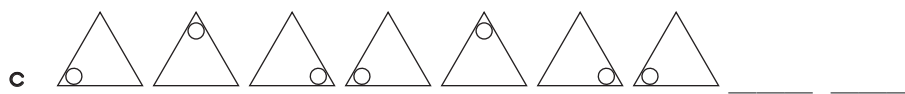
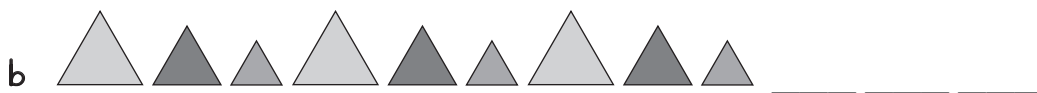
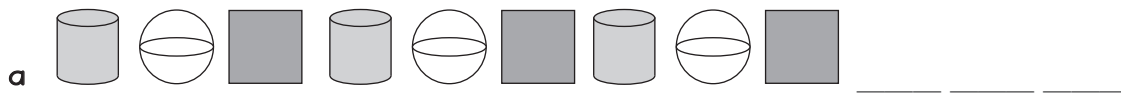
Ikota 2 Isifundo 48

Exploring geometric patterns
Ukuhlola iipatheni zejometri

CLASSWORK UMSEBENZI WASEKLASINI

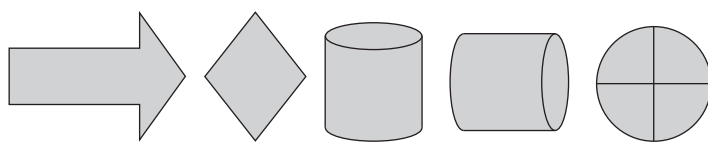
1 Extend the patterns:

Yandisa iipatheni:



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

Sebenzisa nayiphi na kwezi milo ukuze wenze iipatheni. Chaza ipatheni yakho.



You don't have to use all the shapes in your two patterns.

Awunyanzelekanga ukuba uzisebenzise zonke iimilo kwezi patheni zakho zimbini.

Pattern 1:
Ipatheni 1:

Pattern 2:
Ipatheni 2:

HOMEWORK UMSEBENZI WASEKHAYA

1 Design and draw your own pattern using circles, squares and triangles.
Yila ipatheni uze uyizobe usebenzise izangqa, izikwere noonxantathu.

2 Describe the pattern.
Chaza ngale patheni.

Term 2 Lesson 49
Ikota 2 Isifundo 49
Assessment
Uvavanyo

Term 2 Lesson 50

Ikota 2 Isifundo 50

Consolidation

Uqukaniso

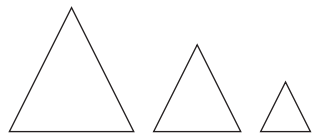
- 1 Extend the following pattern:

Yandisa le patheni ilandelayo:



- 2 Describe this pattern.

Chaza le patheni.



- 3 Create a pattern using circles that increase in size.

Yenza ipatheni usebenzise izangqa eziye zikhula ngokobukhulu.

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

Yila ipatheni enezikwere ezi-3. Ezi zikwere kufuneka zehle ngokobukhulu zingalingani.

Multiplication table (lesson 1 and other)
Itheyibhile yophindaphindo (isifundo 1 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

Multiplication cards/Amakhadi ophindaphindo (lesson 1 and other/isifundo 1 nezinye)

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

Multiplication cards/Amakhadi ophindaphindo (lesson 1 and other/isifundo 1 nezinye)

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

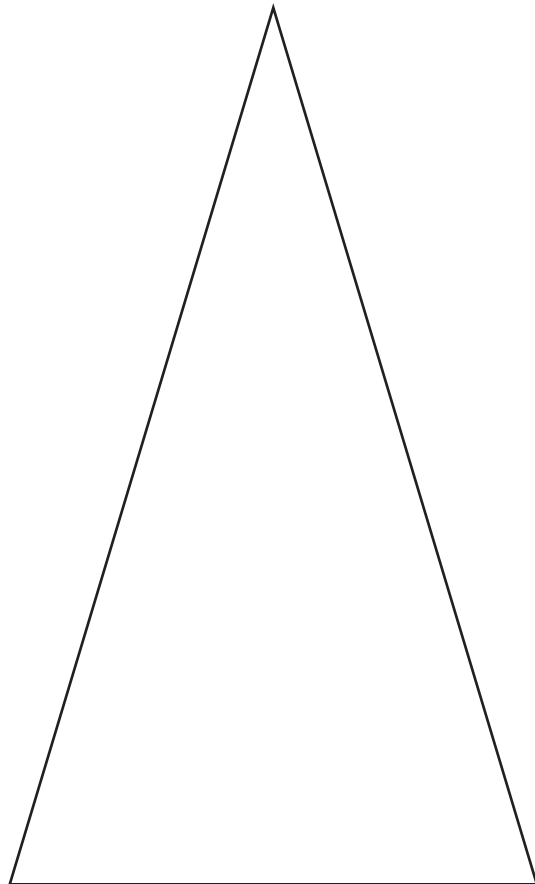
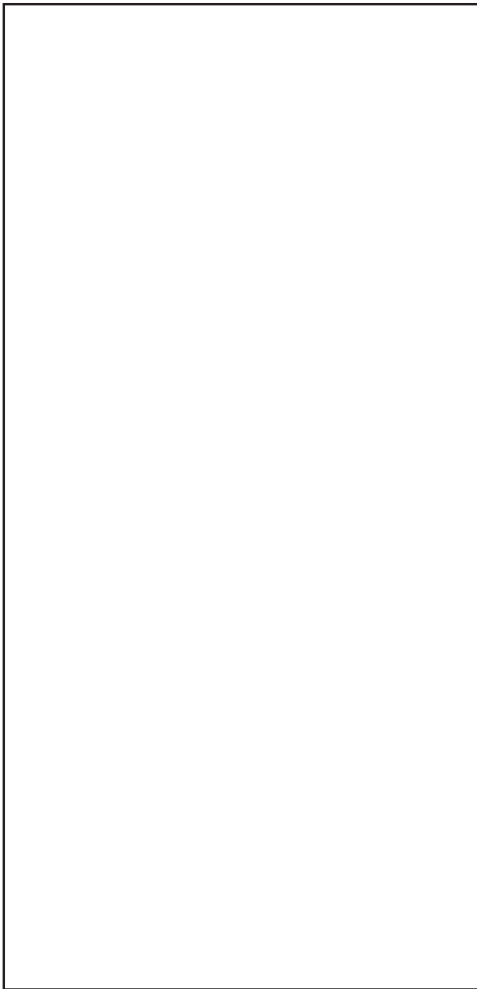
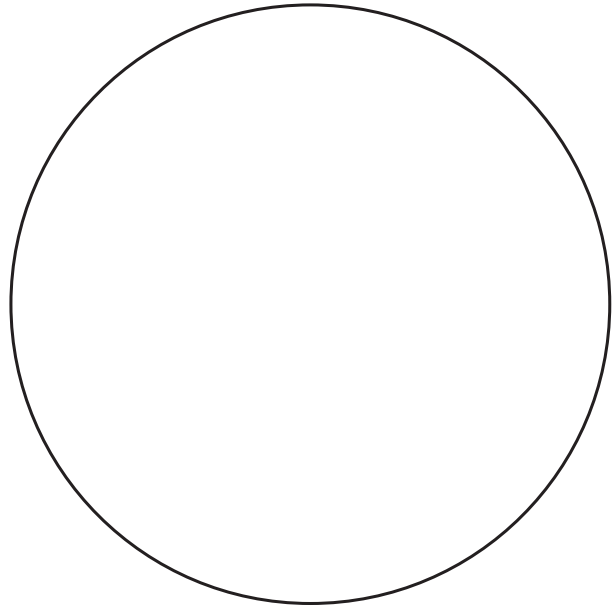
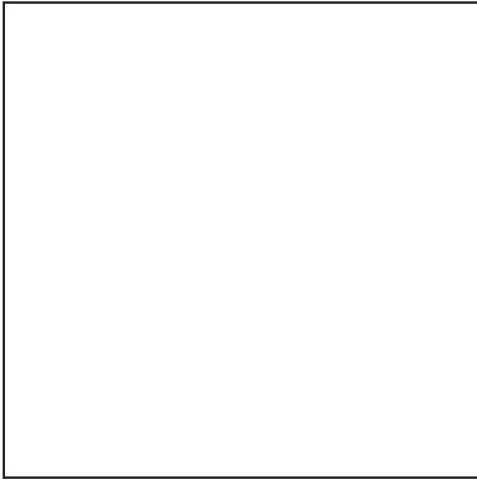
7×1	8×1	9×1
7×2	8×2	9×2
7×3	8×3	9×3
7×4	8×4	9×4
7×5	8×5	9×5
7×6	8×6	9×6
7×7	8×7	9×7
7×8	8×8	9×8
7×9	8×9	9×9

Array diagram (lesson 2 and other)

Itheyibhile yocwangciso manani (isifundo 2 nezinye)

Array diagram for multiplication table Umfanekiso wocwangciso manani wetheyibhile yophindaphindo										
	1	2	3	4	5	6	7	8	9	10
1	●	●	●	●	●	●	●	●	●	●
2	●	●	●	●	●	●	●	●	●	●
3	●	●	●	●	●	●	●	●	●	●
4	●	●	●	●	●	●	●	●	●	●
5	●	●	●	●	●	●	●	●	●	●
6	●	●	●	●	●	●	●	●	●	●
7	●	●	●	●	●	●	●	●	●	●
8	●	●	●	●	●	●	●	●	●	●
9	●	●	●	●	●	●	●	●	●	●
10	●	●	●	●	●	●	●	●	●	●

Shape cut outs (I) (lesson 38)
Imisiko yeemilo (I) (isifundo 38)



Shape cut outs (2) (lesson 39, 44, 47)

Imisiko yeemilo (2) (isifundo 39, 44, 47)

