

MATHEMATICS
Grade 3
**English/
IsiXhosa**
**Teacher's
Resource
Pack**
2019 TERM 2

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I Printable Resources

Printable resource sheets

This is a list of the mathematical resources that you will need this term. You need to make sure that you have them for the lessons for which they are recommended.

1	Multiplication table (lesson 1 and other)	2
	Itheyibhile yophindaphindo (isifundo 1 nezinye)	2
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RESOURCES FOR EACH DAY OF TEACHING

There are also other resources such as informal resources (old magazines, pieces of string, scrap paper, etc.) that you may need in certain lessons. You should have a careful look at the list of resources needed for each lesson; this list is given in the lesson plans each day. Prepare yourself, so that you have the necessary resources for the lessons on a daily basis.

I Multiplication table (lesson I and other)

Ittheyibhile yophindaphindo (isifundo I 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

2 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

3 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

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

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

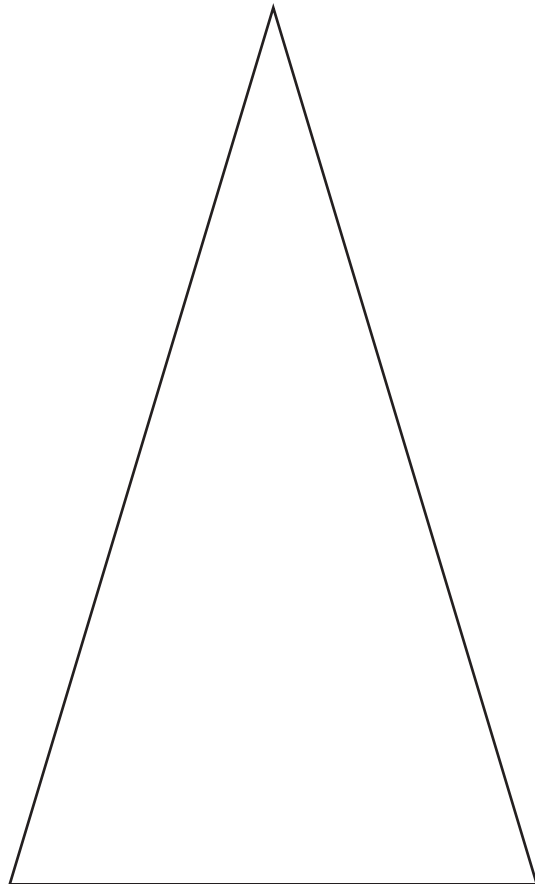
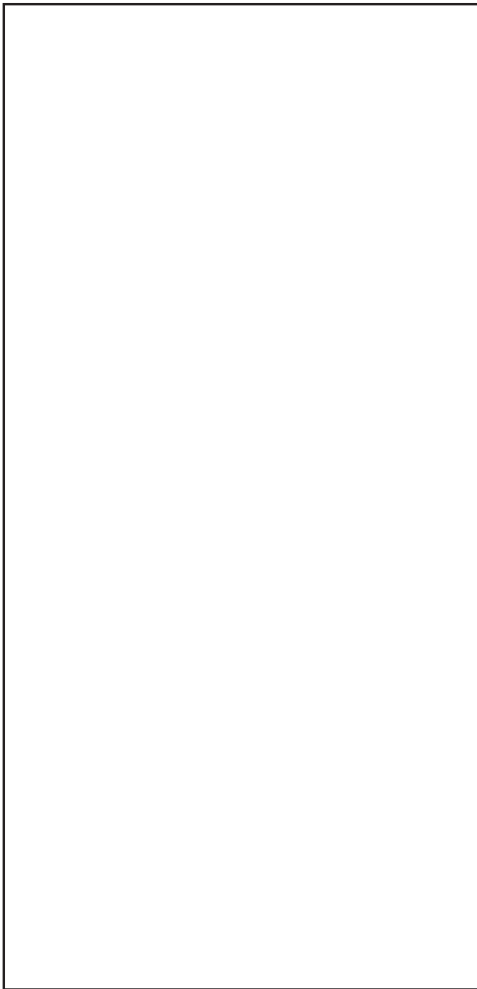
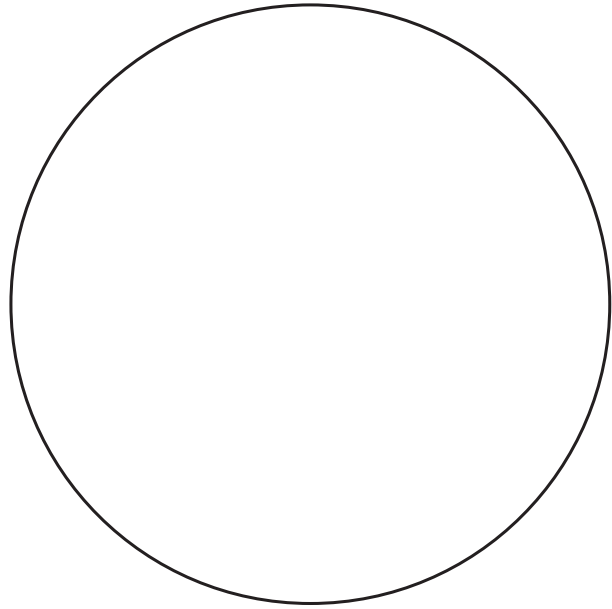
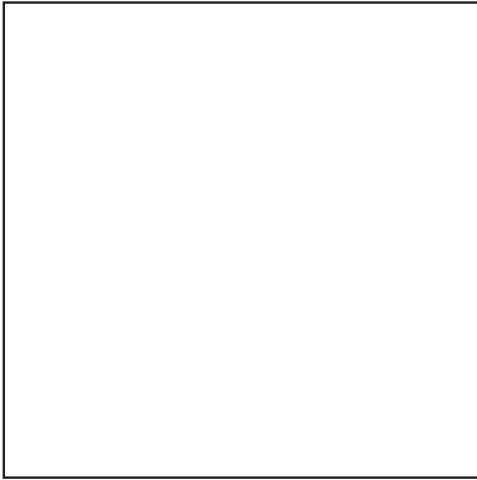
5 Array diagram (lesson 2 and other)

Ittheyibhile 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	●	●	●	●	●	●	●	●	●	●

6 Shape cut outs (I) (lesson 38)

Imisiko yeemilo (I) (isifundo 38)



7 Shape name cards (lesson 38 and 39)

rectangle

triangle

circle

square

8 Amakhadi amagama eemilo (isifundo 38 nesama-39)

uxande

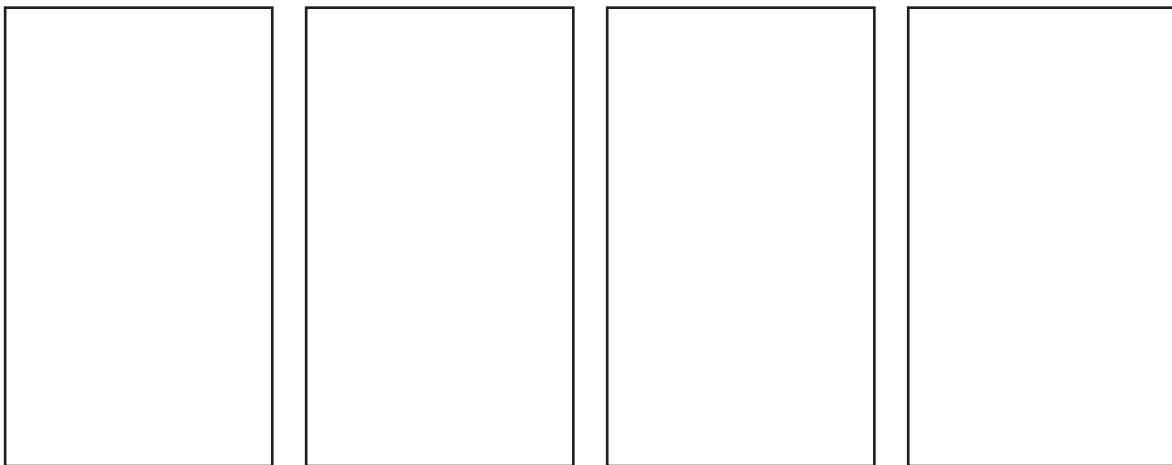
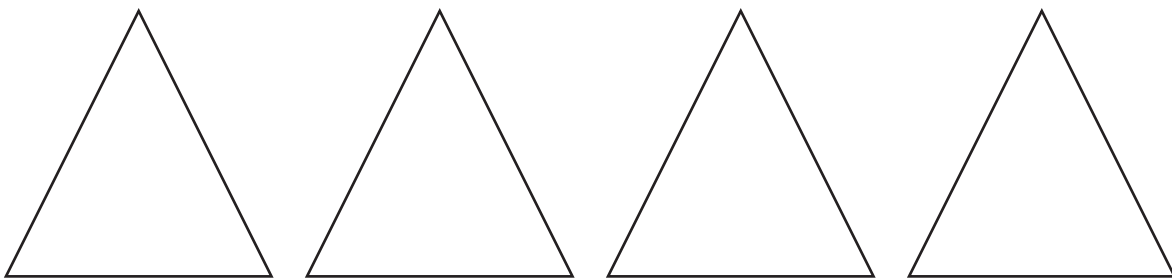
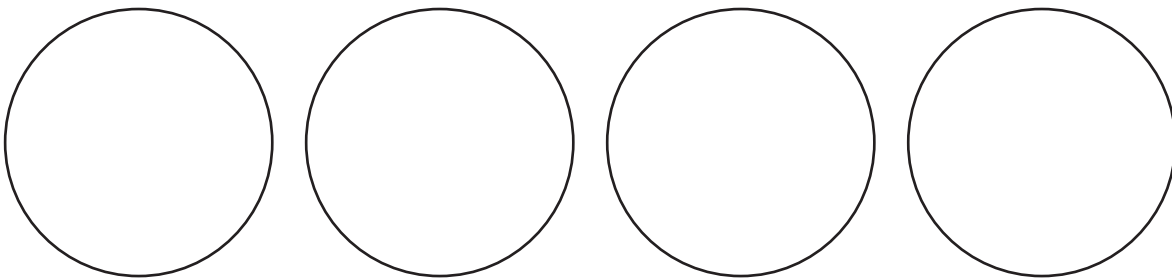
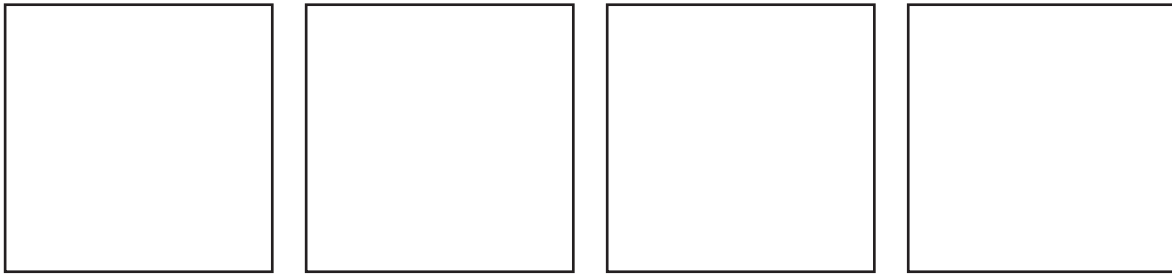
unxantathu

isangqa

isikwere

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

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



2 Written assessments

Written Assessment Lesson 8

Uvavanyo Olubhalwayo Isifundo 8

1 Complete the table:

Gqibezela le theyibhile:

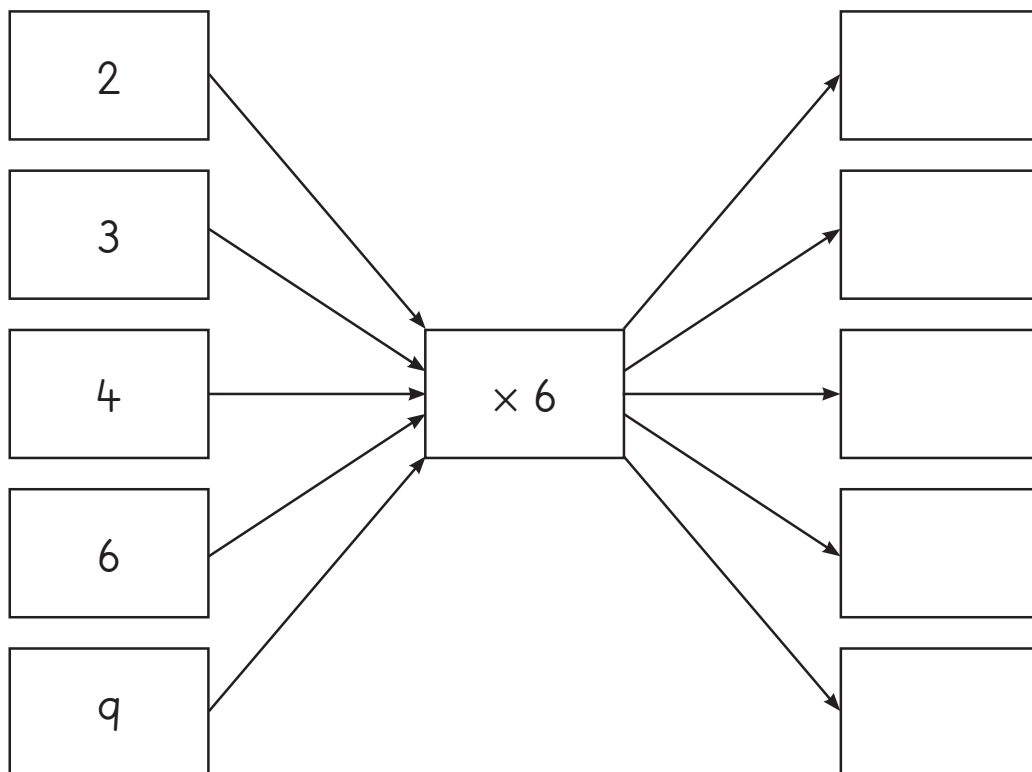
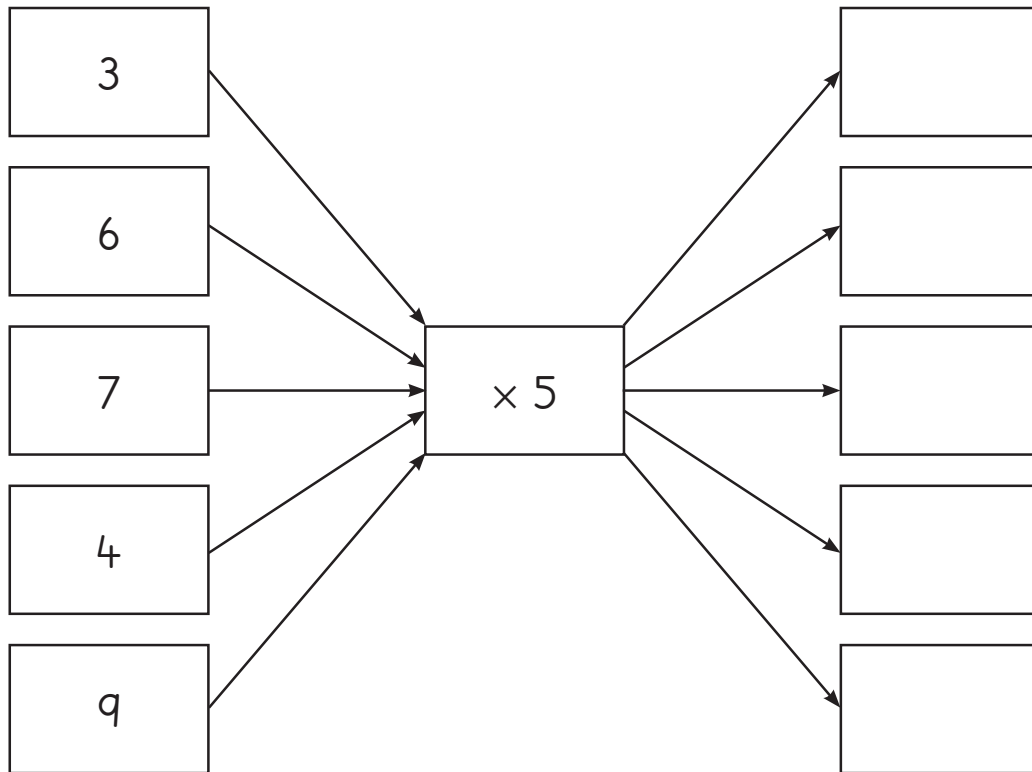
(17)

	Multiplication Uphindaphindo	Repeated addition Ukudibanisa okuphindiweyo	Answer Impendulo
a	4×5	$5 + 5 + 5 + 5$	
b	3×6		
c		$7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7$	
d	2×6		
e		$7 + 7 + 7$	
f	7×5		
g		$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6$	
h	8×7		
i		$5 + 5 + 5 + 5 + 5 + 5$	

2 Complete the flow diagrams:

Gqibezela le mizobo yesigcawu:

(10)



Written Assessment Lesson 16

Uvavanyo Olubhalwayo Isifundo 16

1 Write the number sentences with answers:

Bhala izivakalisi manani neempendulo:

(5)

		Number sentence Isivakalisi manani																																										
a	<table border="1"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <td>1</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>2</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>3</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> </table>		1	2	3	4	5	6	7	8	9	1	●	●	●	●	●	●	●	●	●	2	●	●	●	●	●	●	●	●	●	3	●	●	●	●	●	●	●	●	●			
		1	2	3	4	5	6	7	8	9																																		
	1	●	●	●	●	●	●	●	●	●																																		
	2	●	●	●	●	●	●	●	●	●																																		
3	●	●	●	●	●	●	●	●	●																																			
b	<table border="1"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>1</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>2</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>3</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>4</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>5</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> </table>		1	2	3	4	5	6	1	●	●	●	●	●	●	2	●	●	●	●	●	●	3	●	●	●	●	●	●	4	●	●	●	●	●	●	5	●	●	●	●	●	●	
		1	2	3	4	5	6																																					
	1	●	●	●	●	●	●																																					
	2	●	●	●	●	●	●																																					
	3	●	●	●	●	●	●																																					
	4	●	●	●	●	●	●																																					
5	●	●	●	●	●	●																																						
c	<p>7 groups of 2 Amaqela ezi-2 asi-7</p>																																											
d	<p>3 groups of 8 Amaqela ezi-8 ama-3</p>																																											
e	<p>6 groups of 5 Amaqela ezi-5 ama-6</p>																																											

2 Write the number sentences with answers:

Bhala izivakalisi manani neempendulo:

(4)

	Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
a	$7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 =$	
b	$3 + 3 + 3 + 3 + 3 =$	
c	$9 + 9 + 9 + 9 + 9 + 9 =$	
d	$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 =$	

3 Calculate by doubling:

Bala usebenzise uphindaphindo

(5)

	Multiple Isiphindwa	Double Phinda kabini	Add Dibanisa	Answer Impendulo
a	2×21	$20 + 1 + 20 + 1$	$40 + 2$	
b	2×36			
c	2×47			

4 Solve the problems.

Sombulula ezi ngxaki.

(2 × 3 = 6)

a Silindile has 21 shells.

She finds another 21 shells.

How many shells does she have now?

USilindile unoonokr wece abangama-21.

Uphinda afumane abanye abangama-21.

Bangaphi oonokr wece anabo ngoku bebonke?

b Lindo has 45 marbles.

He wins another 46 marbles.

How many marbles does he have now?

ULinda unamapetyu angama-45.

Ufumana amanye angama-46.

Mangaphi amapetyu anawo ngoku?

Written Assessment Lesson 21

Uvavanyo Olubhalwayo Isifundo 21

1 Calculate:

Bala

(8)

a	$10 \times 7 =$	
b	$10 \times 2 =$	
c	$3 \times 10 =$	
d	$5 \times 10 =$	
e	$10 \times 10 =$	
f	$9 \times 10 =$	
g	$1 \times 10 =$	
h	$10 \times 5 =$	

2 Complete the table:

Gqibezela itheyibhile:

(10)

		Repeated addition Ukudibanisa okuphindiweyo	Number sentence Isivakalisi manani
a	4 groups of 6 Amaqela ezi-6 ama-4		$4 \times 6 = 24$
b	2 groups of 4 Amaqela ezi-4 ama-2	$4 + 4$	
c		$10 + 10 + 10$	$3 \times 10 = 30$
d	5 groups of 7 Amaqela ezi-7 ama-5		
e	10 groups of 6 Amaqela ezi-6 ali-10	$6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6$	
f	4 groups of 9 Amaqela ezi-9 ama-4		$4 \times 9 = 36$
g		$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5$	
h	9 groups of 8 Amaqela ezi-8 ali-9	$8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8$	

Written Assessment Lesson 24

Uvavanyo Olubhalwayo Isifundo 24

1 Draw a line between number sentences that give the same answer:

Krwela umgca odibanisa izivakalisi manani ezinika impendulo efanayo: (8)

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

2 Use your multiplication table to find the missing numbers:

Sebenzisa itheyibhile yokuphindaphinda ukuze ufumane amanani ashijiweyo: (6)

		Answer Ipendulo
a	$\square \times 5 = 35$	
c	$7 \times \square = 28$	
e	$\square \times 2 = 14$	
b	$6 \times \square = 36$	
d	$\square \times 8 = 72$	
f	$5 \times \square = 30$	

3 Draw an array diagram to show:

Yenza itheyibhile yocwangciso manani uze ubonise oku:

(4)

	Multiple Isiphindwa	Array Ucwangciso manani
a	3×2	
b	2×3	
c	5×1	
d	1×5	

Written Assessment Lesson 3I

Uvavanyo Olubhalwayo Isifundo 3I

- 1 Write half past 7 in digital time.

Bhala, licala emva kweyesi-7 ngokwamanani.

(1)

- 2 Write quarter to 9 in digital time.

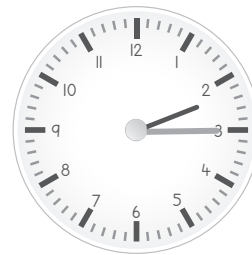
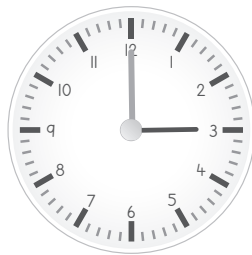
Bhala, ngumkhono phambi kweye-9 ngokwamanani.

(1)

- 3 Circle the clock that shows quarter past two.

Rhangqa iwotshi ebonisa ixesha elingumkhono emva kweyesibini.

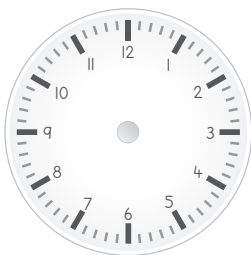
(1)



- 4 Draw the hands on this analogue clock to show half past 3 in the afternoon.

Fakela amasiba kule wotshi yamasiba ukuze ubonise ixesha icala emva kweyesi-3 emva kwemini.

(2)



- 5 Show quarter to 10 on an analogue and a digital clock.

Bonisa ixesha elingumkhono phambi kweye-10 kwiwotshi yamasiba nakweyamanani. (3)

a



b



- 6 How much time passed between 2 o'clock and half past four in the afternoon?

Kudlule ixesha elingakanani phakathi kwentsimbi yesi-2 necala emva kweyesine emva kwemini? (2)

Written Assessment Lesson 37

Uvavanyo Olubhalwayo Isifundo 37

- 1 Circle which of these shapes have round sides. (1)

Square, circle, rectangle, triangle

Rhangqa ngesangqa imilo enamacala angqukuva kwezi.

isikwere, isangqa, uxande, unxantathu

- 2 Draw 3 different size triangles in 3 different positions.

Zoba oonxantathu aba-3 abangalinganiyo bame ngeendlela ezi-3 ezingafaniyo. (3)

- 3 Draw a square that has 5 cm sides.

Zoba isikwere esinamacala anobude obungange-5 cm. (3)

- 4 Draw a rectangle that is 6 cm long and 4 cm wide.
Zoba uxande olunobude obungange-6 cm nobubanzi obungange-4 cm. (4)

- 5 A square, triangle, circle and rectangle are 2-D shapes. What does this mean?
Isikwere, unxantathu, isangqa kunye noxande zonke ziimilo ezinemilinganiselo emi-2 (2D). Ithetha ntoni loo nto? (1)
-

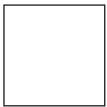
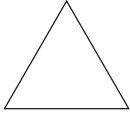

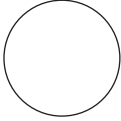
Written Assessment Lesson 43

Uvavanyo Olubhalwayo Isifundo 43

1 Complete this table.

Grqibezela itheyibhile.

(12)

	Name of shape Igama lemilo	Number of sides Inani lamacala	Round/straight? Ingqukuva/ithe tse?
a 			
b 			
c 			
d 			

2 Draw 3 triangles. Each one must look different.

Zoba oonxantathu aba-3. Unxantathu ngamnye makahluke komnye.

(3)

3 Draw the line of symmetry into the shape below:

Krwela umgca kamakulinganwe kule milo ingasezantsi:

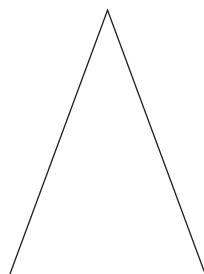
(1)



4 Draw the line of symmetry in the triangle.

Krwela umgca kamakulinganwe kulo nxantathu.

(1)



Written Assessment Lesson 49

Uvavanyo Olubhalwayo Isifundo 49

1 Draw the next shape in this pattern:

Zoba imilo elandelayo kule patheni:

(1)



2 Draw and extend a pattern in which the sizes of the shapes increase.

Zoba uze wandise ipatheni apho ubukhulu beemilo buya busiba bukhulu/
busongezeleka.

(3)

3 Make your own pattern using circles and squares.

Zenzele eyakho ipatheni usebenzise izangqa nezikwere.

(3)

4 Use three squares to draw a pattern. The size of the squares need to change in a regular way. Draw the pattern 2 times.

Sebenzisa izikwere ezithathu uzobe ipatheni. Ubukhulu bezikwere kufuneka
butshintshe ngendlela eqhelekileyo. Zoba le patheni kabini.

(3)