

MATHEMATICS

Grade 3

**English/
IsiZulu**

**Teacher's
Resource
Pack**

2019 TERM 4

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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.

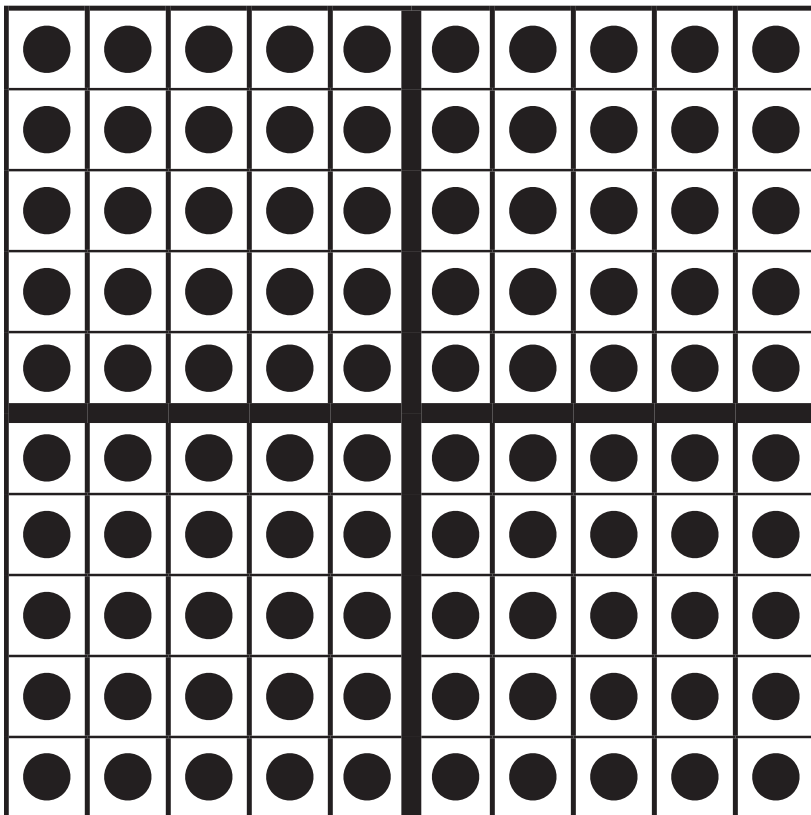
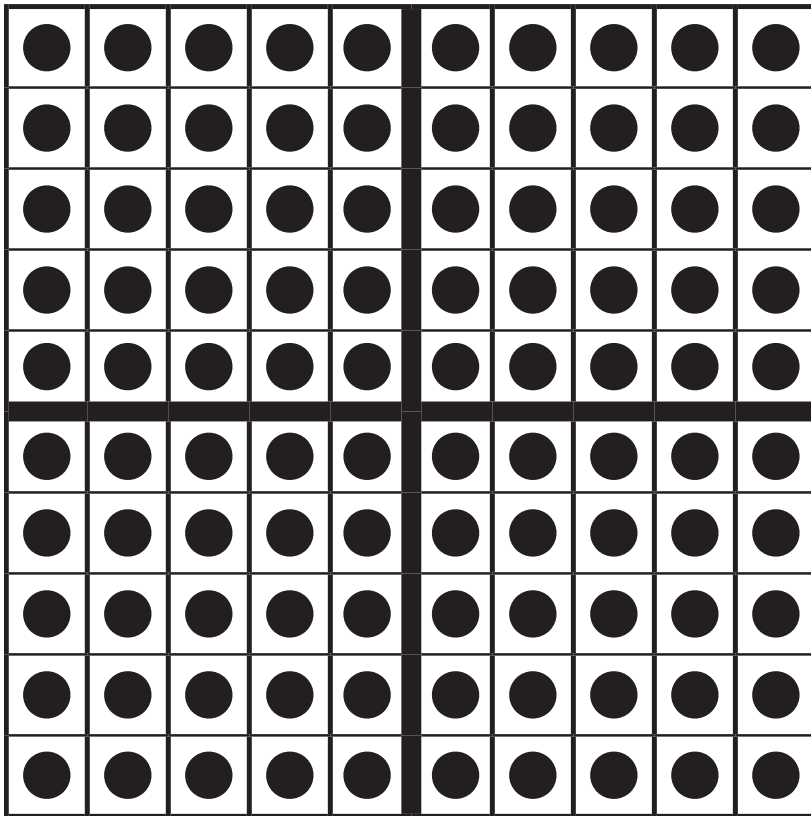
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RESOURCES FOR EACH DAY OF TEACHING

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.

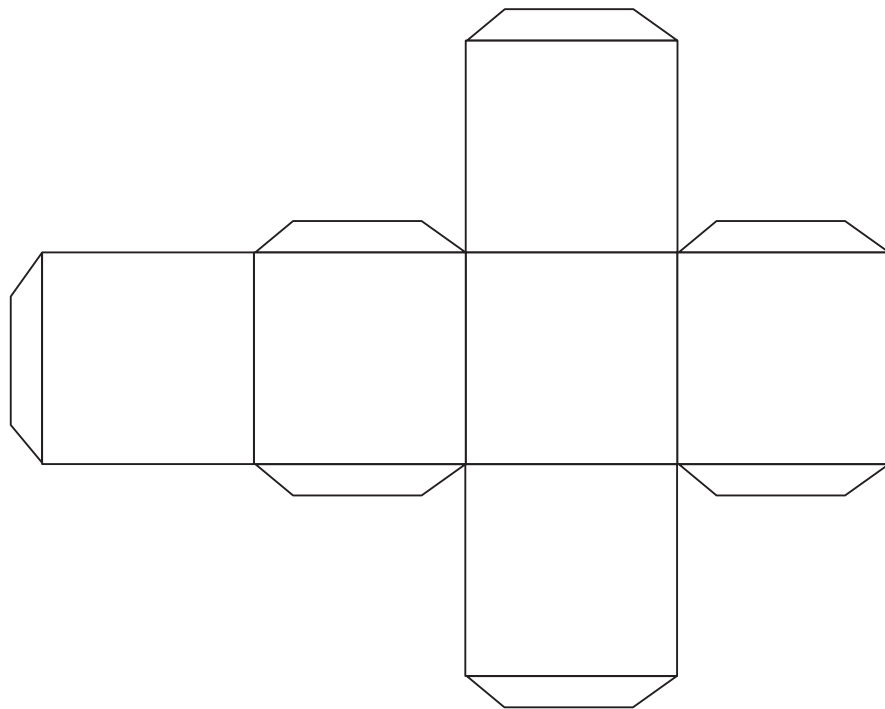
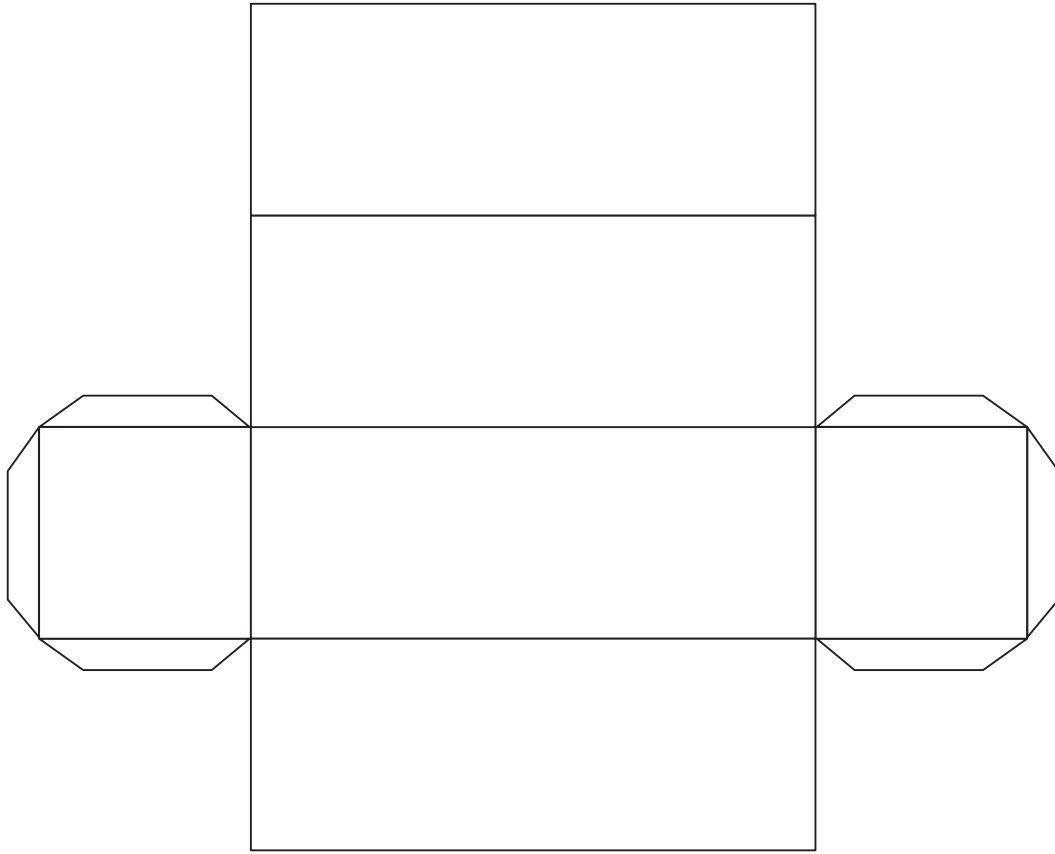
I Printed tens (lesson 8 and 10)

Amashumi abhaliwe (isifundo 8 kanye ne-10)



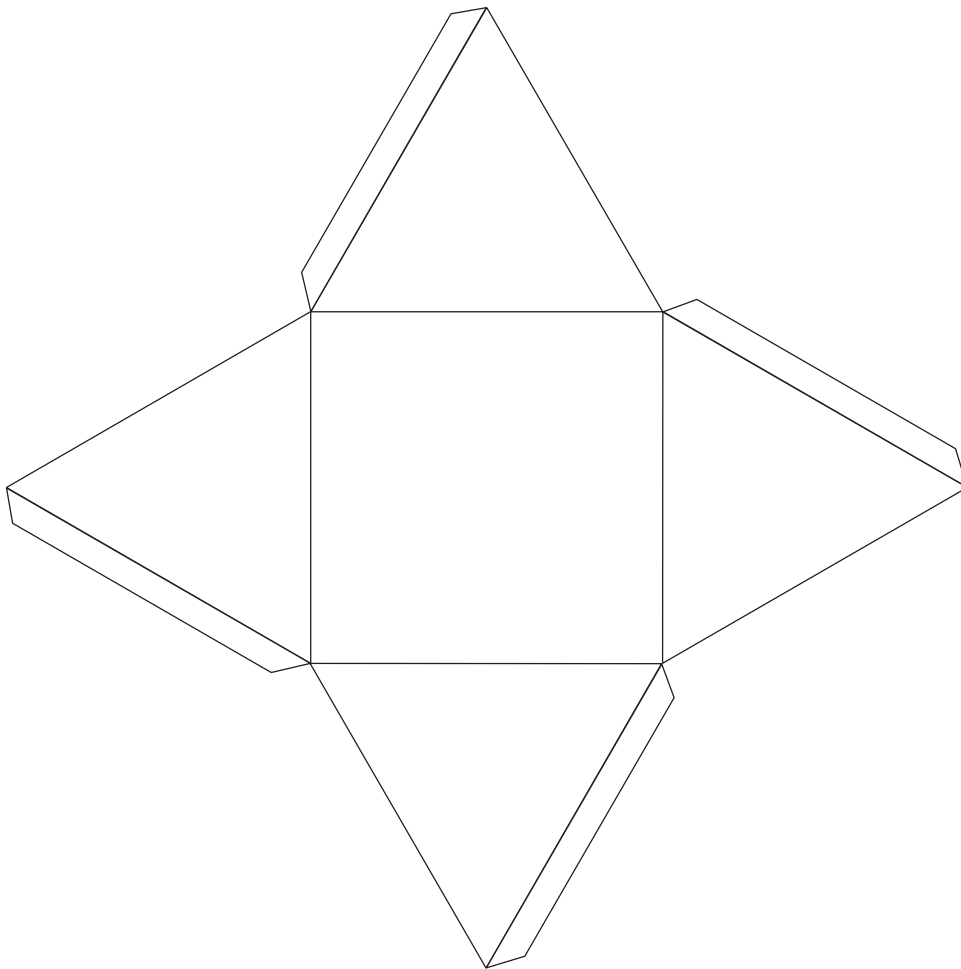
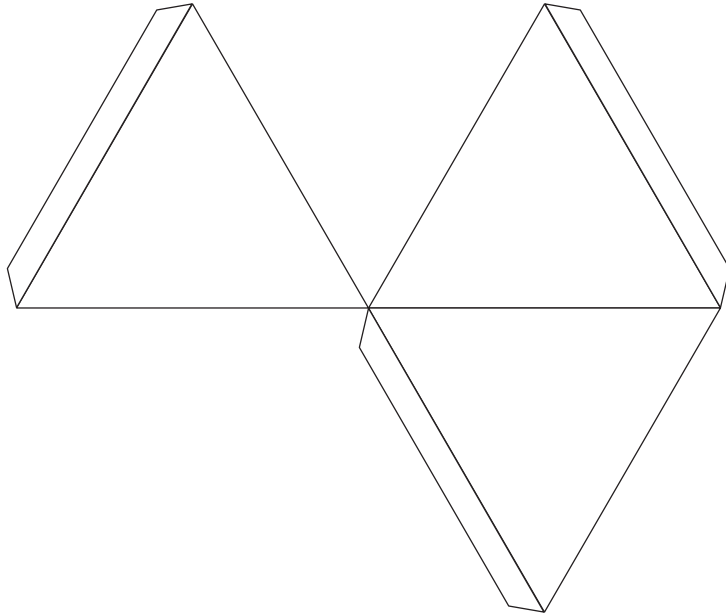
2 Nets (Lesson 33)

Isamba esingenakuncishiswa (isifundo 33)



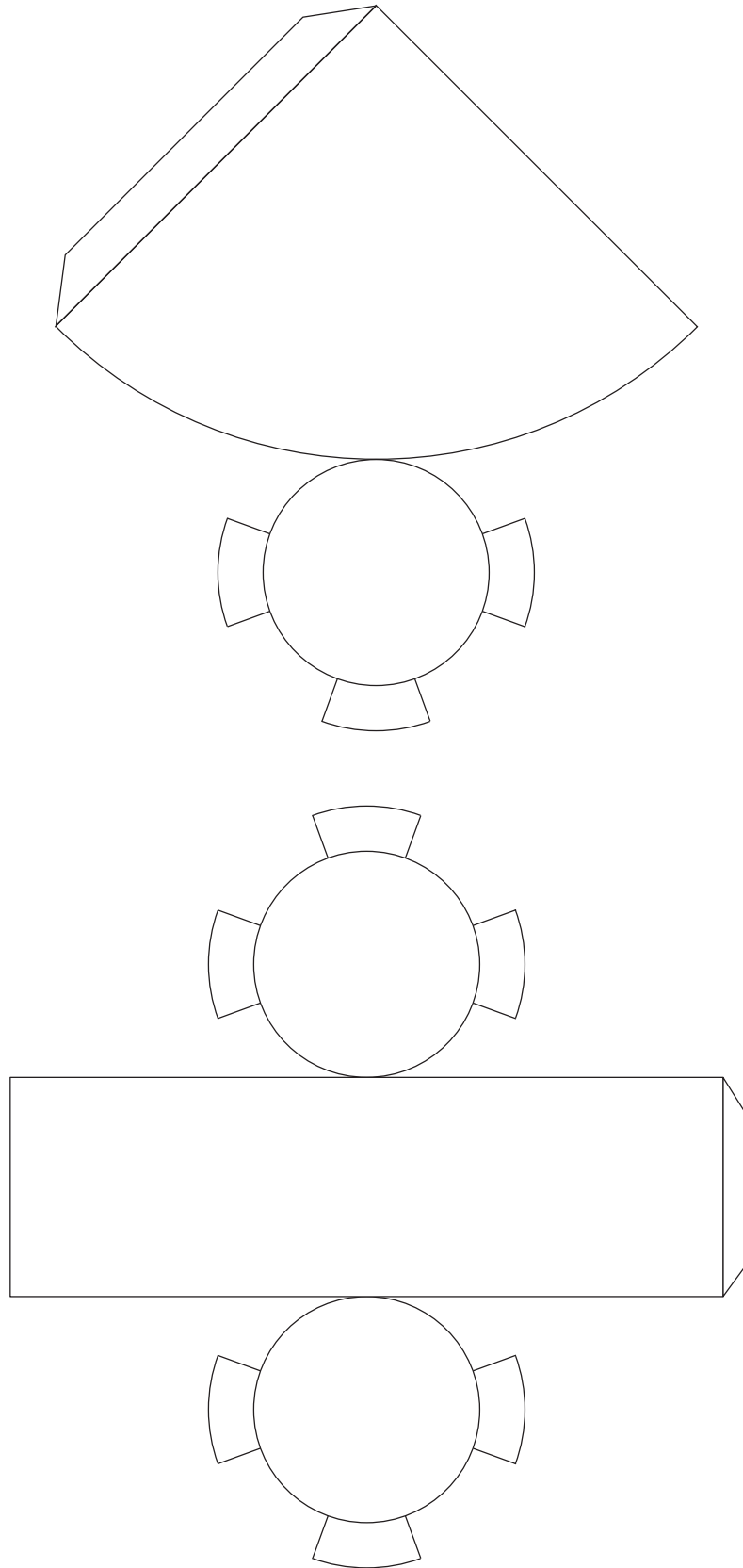
3 Nets (Lesson 33)

Isamba esingenakuncishiswa (isifundo 33)



4 Nets (Lesson 33)

Isamba esingenakuncishiswa (isifundo 33)



2 Written assessments

Written Assessment Lesson 4

Ukuhlola Okubhalwayo Isifundo 4

1 Solve the problems:

Xazulula izinkinga:

(6)

a	There are 24 eggs. 6 eggs fit in one box. How many boxes will we need?	Kunamaqanda angama-24. Ebhokisini ngalinye kungena amaqanda ayi-6. Mangaki amabhokisi azodingeka?
	Write the number sentence. Bhala umushonombolo.	
	Turn it into multiplication. Kuguqule kube ukuphindaphinda.	
	Write the answer. Bhala impendulo.	
b	There are 56 sweets. Share the sweets equally between 8 learners. How many sweets will each learner get?	Kunamaswidi angama-56. Yaba ngokulinganayo amaswidi phakathi kwabafundi abayi-8. Mangaki amaswidi azotholwa umfundi ngamunye?
	Write the number sentence. Bhala umushonombolo.	
	Turn it into multiplication. Kuguqule kube ukuphindaphinda.	
	Write the answer. Bhala impendulo.	

2 Calculate:

Bala:

(12)

a $40 \div 5 =$ _____

b $21 \div 7 =$ _____

c $4 \div 1 =$ _____

d $63 \div 9 =$ _____

e $35 \div 5 =$ _____

f $32 \div 8 =$ _____

g $54 \div 6 =$ _____

h $72 \div 9 =$ _____

i $7 \div 7 =$ _____

j $90 \div 10 =$ _____

k $48 \div 6 =$ _____




l $49 \div 7 =$ _____

Written Assessment Lesson 9

Ukuhlola Okubhalwayo Isifundo 9

1 Shade half of each fraction strip and write the fraction:

Faka umbala uhhafu ngamunye womucu weqhezu bese ubhala iqhezu: (6)

		Fraction Iqhezu
a		
b		
c		

2 Solve the problems:

Xazulula izinkinga:

(2 × 5=10)

<p>a</p>	<p>Bheki has 50 marbles. He gives $\frac{1}{2}$ of his marbles to his friend. How many marbles does he give to his friend?</p>	<p>Bheki unezimabula ezingama-50. Wanikeza $\frac{1}{2}$ wezimabula zakhe umngane wakhe. Zingaki izimabula azinikeza umngane wakhe?</p>		
	<p>Draw the diagram. Yenza umdwebo.</p> <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Dots Amachashazi</td> </tr> <tr> <td style="padding: 5px;">Fractions Amaqhezu</td> </tr> </table>	Dots Amachashazi	Fractions Amaqhezu	
	Dots Amachashazi			
	Fractions Amaqhezu			
<p>Write the number sentences to show $\frac{1}{2}$ of 50. Bhala umushonombolo ukuze ubonise $\frac{1}{2}$ wama-50.</p>				
<p>Write the answer. Bhala impendulo.</p>				

<p>b</p>	<p>I have 24 oranges. I give $\frac{1}{4}$ of them to my brother. How many oranges do I give to my brother?</p>	<p>Nginamawolintshi angama-24. Nginika umfowethu $\frac{1}{4}$ wawo. Mangaki amawolintshi engiwanike umfowethu?</p>
	<p>Draw the diagram. Yenza umdwebo.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Dots Amachashazi</p> <hr/> <p>Fractions Amaqhezu</p> </div>	
	<p>Write the number sentences to show $\frac{1}{4}$ of R24. Bhala umushonombolo ukuze ubonise $\frac{1}{4}$ wama-24.</p>	
	<p>Write the answer. Bhala impendulo.</p>	

3 Calculate:

Bala:

(10)

a Double 30.

Okuphindwe kabili kwama-30. _____

b Halve 50.

Ukuhlukanisa kabili ngokulingana kwama-50. _____

c $60 \div 4 =$ _____

d $60 \div 6 =$ _____

e Halve 100.

Ukuhlukanisa kabili ngokulingana kwe-100. _____

f $80 \div 2 =$ _____

g $60 \div 3 =$ _____

h $90 \div 9 =$ _____

i $100 \div 5 =$ _____

j $90 \div 3 =$ _____

Written Assessment Lesson 14

Ukuhlola Okubhalwayo Isifundo 14

1. Calculate:

Bala:

(4)

a $48 \div 2 =$ _____

b $96 \div 3 =$ _____

c $84 \div 4 =$ _____

d $66 \div 6 =$ _____

2. Draw dots to find the answer:

Dweba amachashazi ukuze uthole impendulo:

(8)

		Draw dots to find the answer Dweba amachashazi ukuze uthole impendulo	Answer Impendulo
a	$29 \div 3 = \square$		
b	$45 \div 7 = \square$		
c	$19 \div 2 = \square$		
d	$24 \div 5 = \square$		

3 Complete the table:

Gcwalisa ithebula:

(12)

		Multiple Isiphindaphindi	Remainder Insalela	Answer? Ipendulo?
a	$22 \div 4 = \square$			
b	$25 \div 7 = \square$			
c	$42 \div 8 = \square$			
d	$39 \div 6 = \square$			

4 Calculate:

Bala:

(4)

a $17 \div 3 = \underline{\hspace{2cm}}$

b $33 \div 6 = \underline{\hspace{2cm}}$

c $30 \div 7 = \underline{\hspace{2cm}}$

d $31 \div 4 = \underline{\hspace{2cm}}$

Written Assessment Lesson 18

Ukuhlola Okubhalwayo Isifundo 18

- 1 Check the answers to the problems and correct the mistakes where necessary:

Hlola izimpendulo zezinkinga bese ulungisa amaphutha lapho kudingeka: (8)

		Check Hlola	Corrections Ukulungisa
a	$17 \div 3 = 5$ remainder/insalela 1		
b	$56 \div 6 = 9$ remainder/insalela 2		
c	$39 \div 5 = 7$ remainder/insalela 3		
d	$42 \div 4 = 9$ remainder/insalela 6		

2 Solve the problem:

Xazulula inkinga:

(10)

<p>There are 27 sweets. You need to put 4 sweets in a bag to sell at the tuck shop. How many bags will you need?</p>		<p>Kunamaswidi angama-27. Udinga ukufaka amaswidi ama-4 esikhwameni sokuthengisa sasesitolo. Zingaki izikhwama ozozidinga?</p>					
<p>Write the number sentence with answer: Bhala umushonombolo nempendulo:</p>							
<p>Fill in the table: Gcwalisa ithebula:</p>	Bags Izikhwama						
	Sweets × 4 Amaswidi × 4						
<p>How many bags will you need? Zingaki izikhwama ozozidinga?</p>	<p>I need ____ bags and there are ____ sweets left over. Ngidinga izikhwama eziyi- _____ bese kuba namaswidi ama- _____ asalayo.</p>						

Written Assessment Lesson 25

Ukuhlola Okubhalwayo Isifundo 25

Answer the questions using the information in the table below:

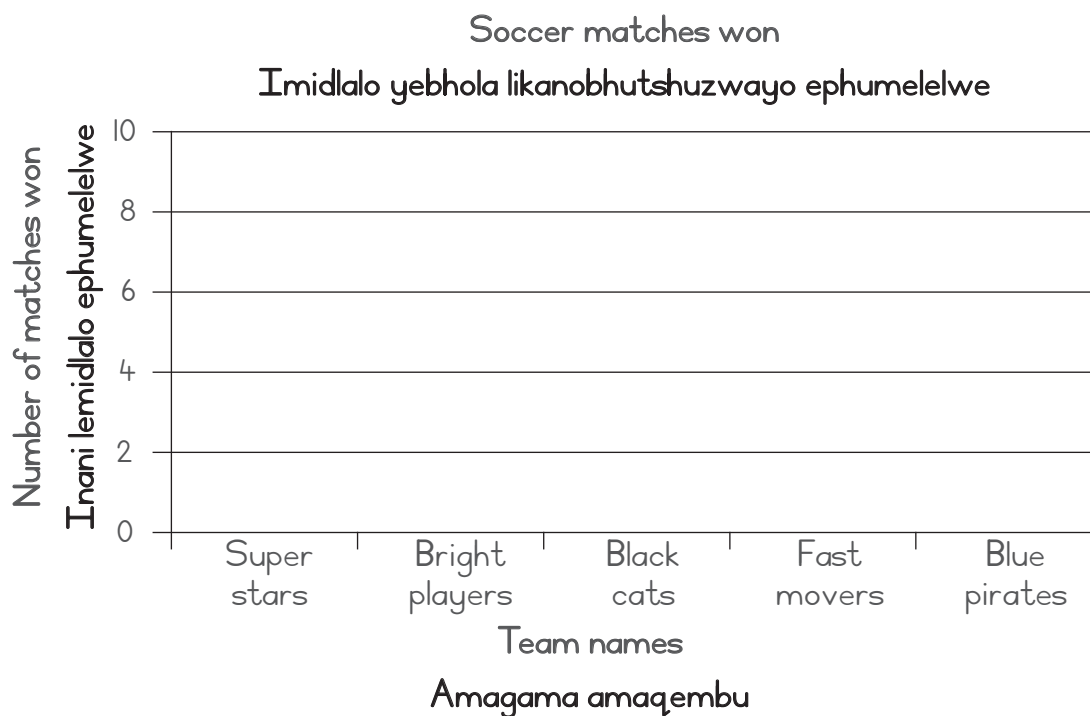
Phendula imibuzo usebenzise ulwazi olukuthebula elingezansi:

Team Iqembu	Number of soccer matches won Inani Lemidlalo yebhola likanobhutshuzwayo ephumelelwe
Super Stars	7
Bright Players	5
Black Cats	10
Fast Movers	6
Blue Pirates	2

- 1 Use the data in the table to draw a bar graph.

Sebenzisa ulwazingqangi olukuthebula ukuze wenze umdwebo wamagabelo.

(5)



- 2 How many matches did each of these teams win?
Mingaki imidlalo iqembu ngalinye eliyiphumelele? (5)
- a Super Stars _____
 - b Bright Players _____
 - c Black Cats _____
 - d Fast Movers _____
 - e Blue Pirates _____
- 3 Who won the most matches?
Yiliphi eliphumelele imidlalo eminingi? _____ (1)
- 4 Who won the fewest matches?
Yiliphi eliphumelele imidlalo emincane? _____ (1)
- 5 Who came second?
Yiliphi elibe ngelesibili? _____ (1)
- 6 Who came second last?
Yiliphi elibe ngelesibili kusukela ekugcineni? _____ (1)
- 7 What is the difference in wins between the Super Stars and Black Cats?
Ungakanani umehluko wokuphumelela phakathi kwama-*Super Stars* nama-*Black Cats*?
_____ (1)
- 8 How many people were interviewed?
Inhlolo-vo yenziwe kubantu abangaki?
_____ (1)

Written Assessment Lesson 30

Ukuhlola Okubhalwayo Isifundo 30

1 Circle the container that can hold more water.

Kokelezela isiqukathi esingaphatha amanzi amaningi.

(1)



2



340 ml



1000 ml

(3)

- a What is the capacity of the milk carton?
Ungakanani umthamo wekhathoni lobisi? _____
- b What is the capacity of the Fanta can?
Ungakanani umthamo wekani le-Fanta? _____
- c Which container has the greater capacity?
Yisiphi isiqukathi esinomthamo omkhulu? _____
- 3 How many standard cups (250 ml) will fill:
Zingaki izilinganiso ezimisiwe zezinkomishi (250 ml) ezingagcwalisa: (2)
- A 1 litre container?
Isiqukathi esiyilitha l? _____
 - A 500 ml container?
Isiqukathi esimanga-500 ml _____
- 4 Nomsa buys 340 ml of coke and Vusi buys 500 ml of coke. How many millilitres of coke do they have together?
Nomsa uthenga 340 ml we-coke bese uVusi ethenga 500 ml we-coke.
Mangaki amamilitha e-coke abanawo esendawonye?

_____ (2)
- 5 Complete:
Bala: (2)
- $1500\text{ ml} + 500\text{ ml} = \underline{\hspace{2cm}}\text{ ml} = \underline{\hspace{2cm}}\text{ l}$

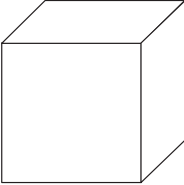
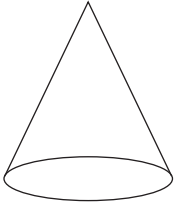

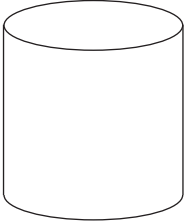
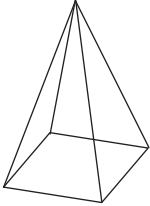
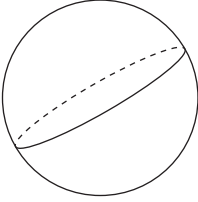
Written Assessment Lesson 34

Ukuhlola Okubhalwayo Isifundo 34

Complete the following table:

Gcwalisa ithebula elilandelayo:

(18)

Object Into	Name Igama	Can it roll? Ingabe kungagingqika?	Can it slide? Ingabe kungashibilika?
			
			
			
			
			
			

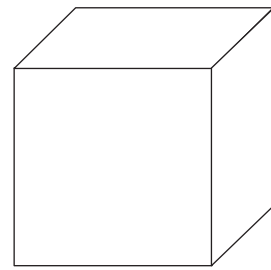
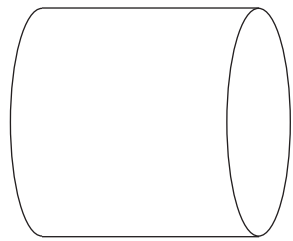
Written Assessment Lesson 37

Ukuhlola Okubhalwayo Isifundo 37

- 1 Circle the object that can slide and then draw a cross over the object that can roll and slide.

Kokelezela into engashibilika bese udweba isiphambano phezu kwento engagingqika futhi ishibilike.

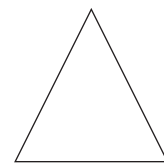
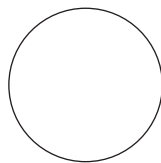
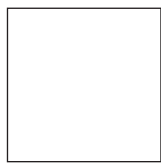
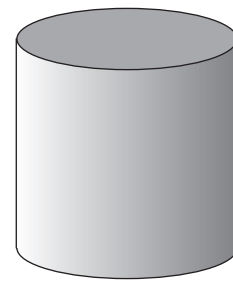
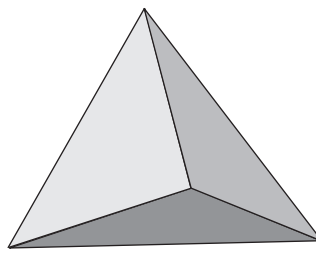
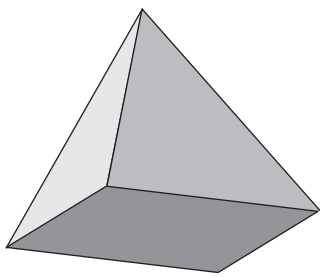
(2)



- 2 Draw lines to match the base of the 3-D objects with the 2-D shapes.

Dweba imigqa iqondane nesisekelomdwebo wezinto ezinhlangothintathu kanye nemifanekiso enhlangothimbili.

(3)

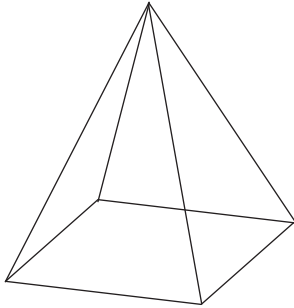


2 Written assessments

3 Draw the shapes that make up this pyramid:

Dweba imifanekiso eyenza lokhu okusanxane:

(3)



4 Draw one object with a flat surface and one with a curved surface.

Dweba into yinye enelingaphandle eliyisicaba kanye neyodwa enelingaphandle elimagwinci.

(2)

Flat surface Ingaphandle eliyisicaba	Curved surface Ingaphandle elimagwinci