MATHEMATICS

Grade 3

English/ IsiXhosa

Teacher's Resource Pack

2019 TERM 4

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1 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 Printed tens (lesson 8 and 10) 2
Amashumi ashicilelweyo (isifundo se-8 nese-10) 2
2 Nets (Lesson 33) 3
Iinethi (Isifundo 33) 3
3 Nets (Lesson 33) 4
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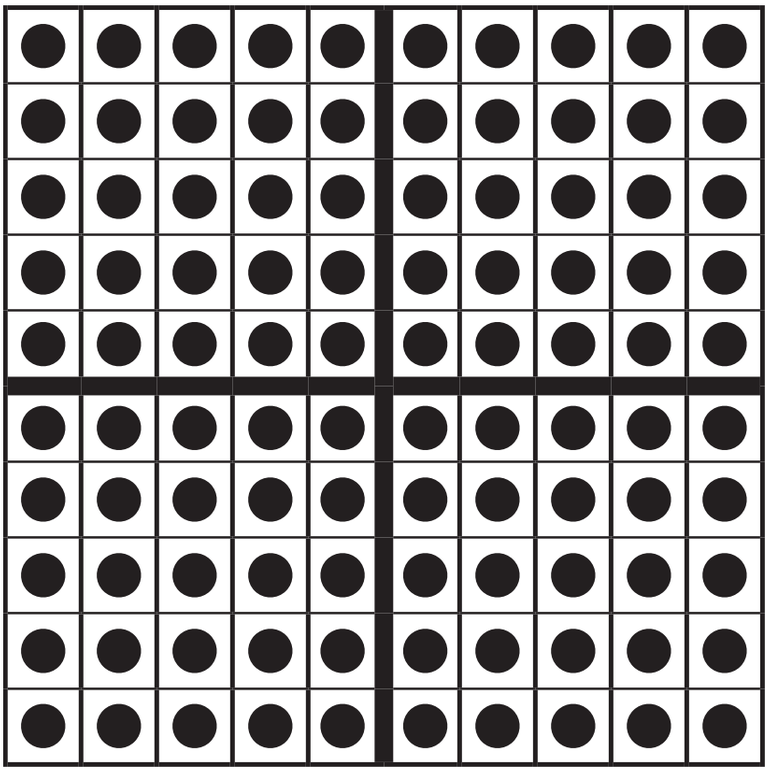
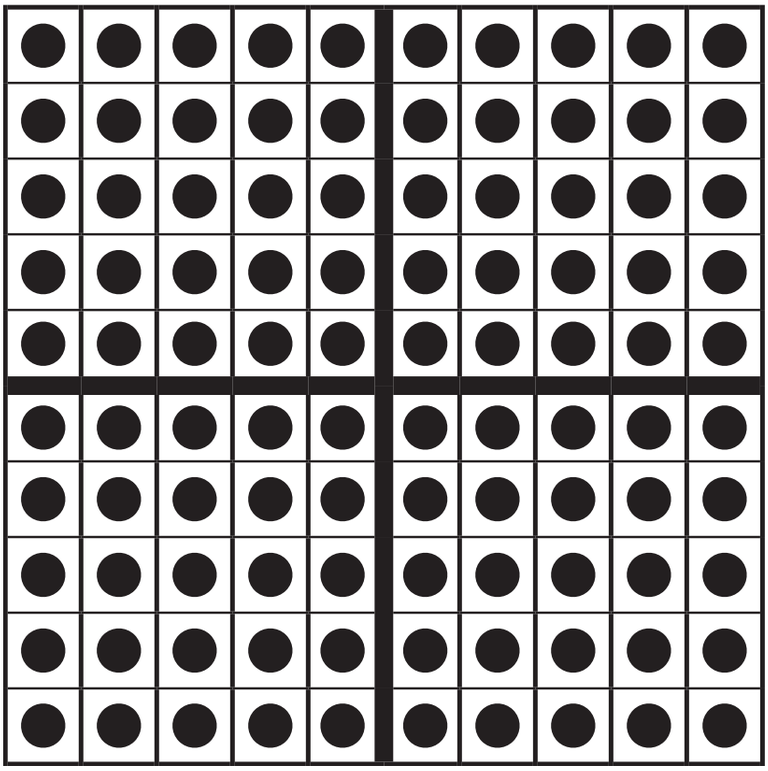
RESOURCES FOR EACH DAY OF TEACHING

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.

1 Printed tens (lesson 8 and 10)

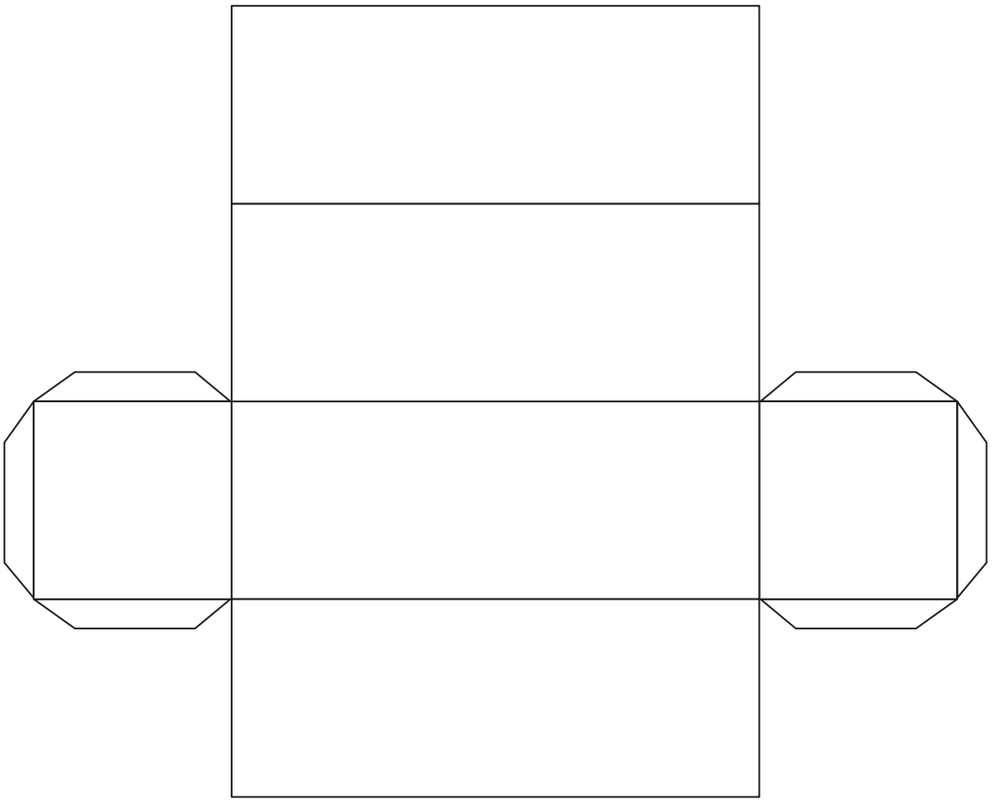
Amashumi ashicilelweyo (isifundo se-8 nese-10)

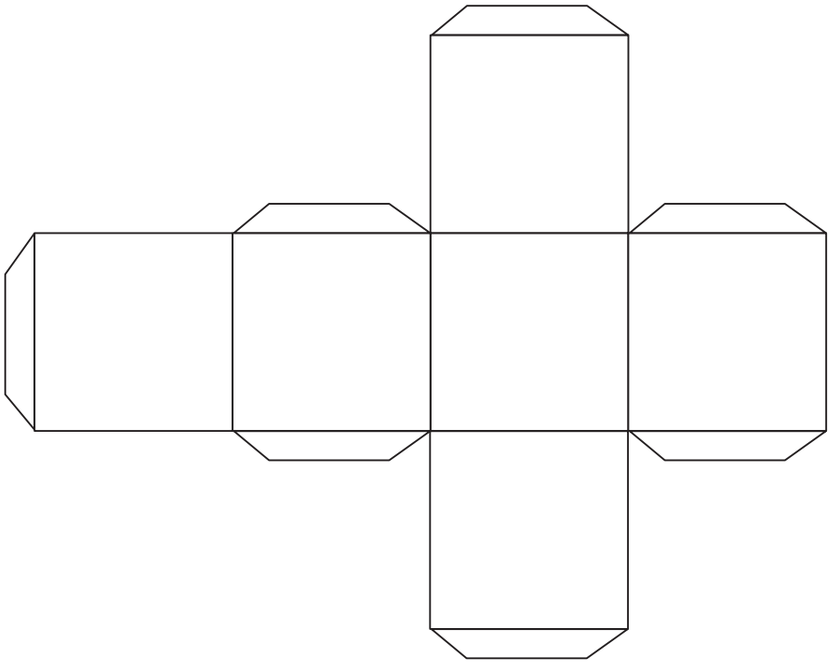




2 Nets (Lesson 33)

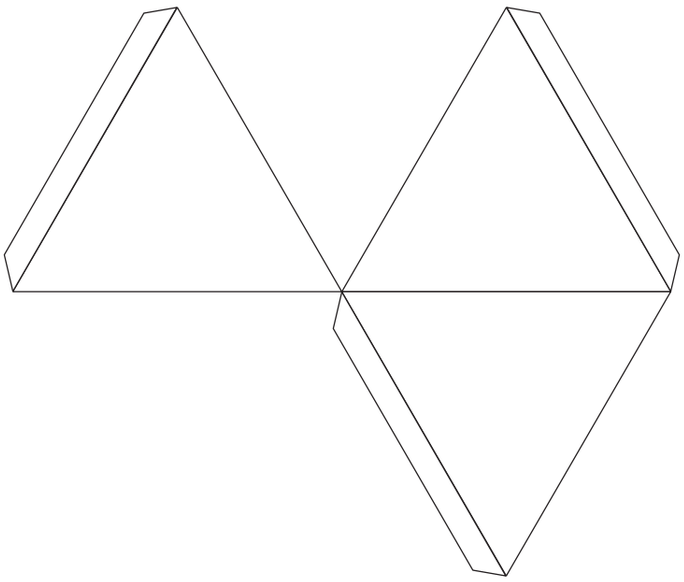
Iinethi (Isifundo 33)

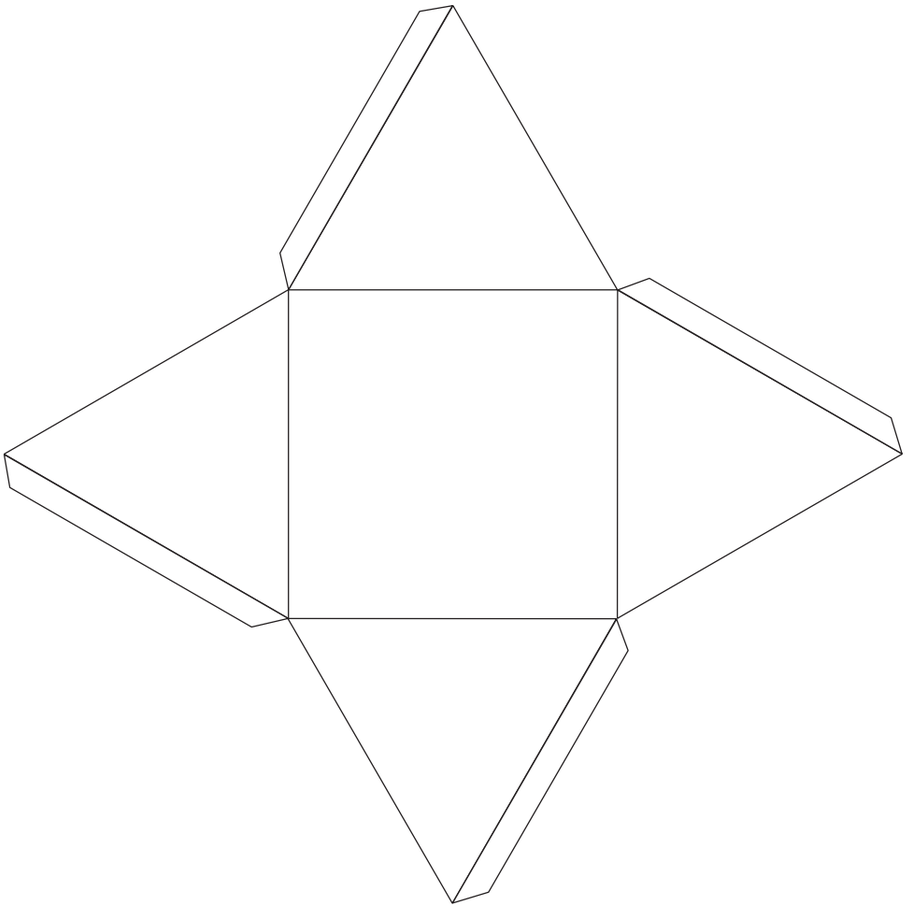




3 Nets (Lesson 33)

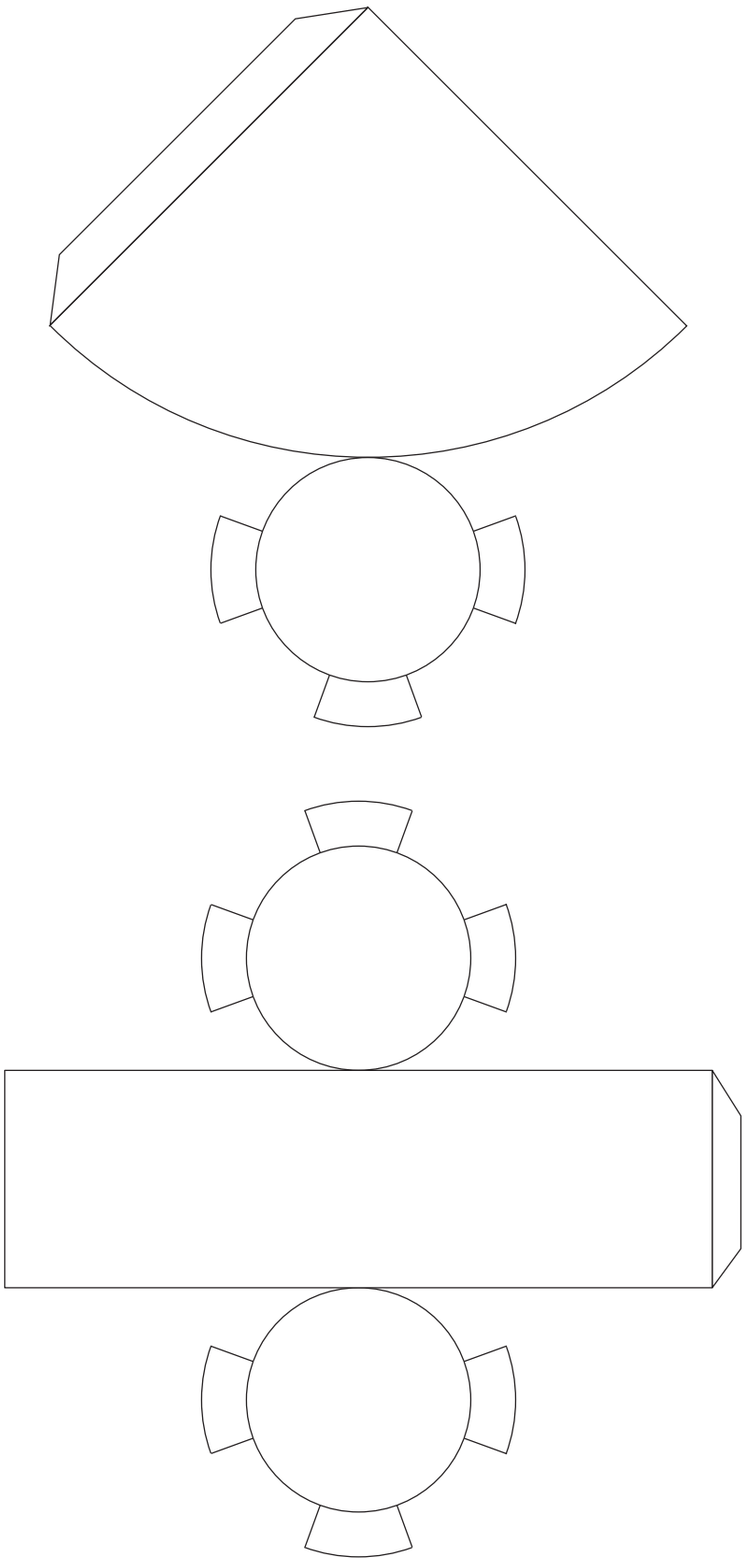
Iinethi (Isifundo 33)





4 Nets (Lesson 33)

Iinethi (Isifundo 33)



2 Written assessments

Written Assessment Lesson 4

Uvavanyo Olubhalwayo Isifundo 4

1 Solve the problems:

Sombulula ezi ngxaki: (6)

a	There are 24 eggs. 6 eggs fit in one box. How many boxes will we need?	Kukho amaqanda angama-24. Kungena amaqanda ama-6 ebhokisini. Zingaphi iibhokisi ekufuneka sibenazo?
	Write the number sentence. Bhala isivakalisi manani.	
	Turn it into multiplication. Siguqule sibe sesophindaphindo.	
	Write the answer. Bhala isiphumo.	
b	There are 56 sweets. Share the sweets equally between 8 learners. How many sweets will each learner get?	Kukho iilekese ezingama-56. Zahlulele abafundi abasi-8 ngokulinganayo. Uza kufumana iilekese ezingaphi umfundi ngamnye?
	Write the number sentence. Bhala isivakalisi manani.	
	Turn it into multiplication. Siguqule sibe sesophindaphindo.	
	Write the answer. Bhala isiphumo.	

2 Calculate:

Bala: (12)

a 40 ÷ 5 = _____

b 21 ÷ 7 = _____

c 4 ÷ 1 = _____

d 63 ÷ 9 = _____

e 35 ÷ 5 = _____

f 32 ÷ 8 = _____

g 54 ÷ 6 = _____

h 72 ÷ 9 = _____

i 7 ÷ 7 = _____

j 90 ÷ 10 = _____

k 48 ÷ 6 = _____

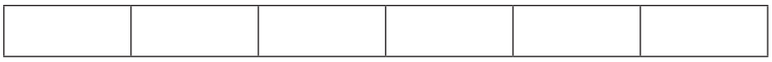
l 49 ÷ 7 = _____

Written Assessment Lesson 9

Uvavanyo Olubhalwayo Isifundo 9

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

Faka umbala kwisiqingatha ngasinye somcwe wamaqhezu uze ubhale iqhezu elo: (6)

		Fraction Iqhezu
a		
b		
c		

2 Solve the problems:
Sombulula ezi ngxaki: (2 × 5=10)

<table>
<tr><td rowspan="4">a</td><td colspan="2">Bheki has 50 marbles.
He gives $\frac{1}{2}$ of his marbles to his friend.
How many marbles does he give to his friend?</td><td>UBheki unamapetyu angama-50.
Uphe umhlobo wakhe i-$\frac{1}{2}$ samapetyu akhe.
Mangaphi amapetyu awaphe umhlobo wakhe?</td></tr>
<tr><td>Draw the diagram.
Zoba umfanekiso.
<table><tr><td>Dots
Amachokoza</td></tr><tr><td>Fractions
Amaqhezu</td></tr></table></td><td colspan="2"></td></tr>
<tr><td>Write the number sentences to show $\frac{1}{2}$ of 50.
Bhala izivakalisi manani ubonise i-$\frac{1}{2}$ yama-50.</td><td colspan="2"></td></tr>
<tr><td>Write the answer.
Bhala isiphumo.</td><td colspan="2"></td></tr>
</table>

b	I have 24 oranges. I give $\frac{1}{4}$ of them to my brother. How many oranges do I give to my brother?		Ndineeorenji ezingama-24. Ndiphe umnakwethu i-$\frac{1}{4}$ yawo. Zingaphi iiorenji endiziphe umnakwethu?
	Draw the diagram. Zoba umfanekiso. Dots Amachokoza Fractions Amaqhezu		
	Write the number sentences to show $\frac{1}{4}$ of R24. Bhala izivakalisi manani ubonise i-$\frac{1}{4}$ yama-R24.		
	Write the answer. Bhala isiphumo.		

3 Calculate:

Bala: (10)

a Double 30.

Phinda kabini ama-30. _____

b Halve 50.

Yahlula kubini ama-50. _____

c 60 ÷ 4 = _____

d 60 ÷ 6 = _____

e Halve 100.

Yahlula kubini i-100. _____

f 80 ÷ 2 = _____

g 60 ÷ 3 = _____

h 90 ÷ 9 = _____

i 100 ÷ 5 = _____

j 90 ÷ 3 = _____

Written Assessment Lesson 14
Uvavanyo Olubhalwayo Isifundo 14

1. Calculate:

   Bala: (4)

   a 48 ÷ 2 = _____ b 96 ÷ 3 = _____

   c 84 ÷ 4 = _____ d 66 ÷ 6 = _____

2. Draw dots to find the answer:

   Yenza amachokoza ukuze ufumane isiphumo: (8)

		Draw dots to find the answer Yenza amachokoza ukuze ufumane isiphumo	Answer Isiphumo
a	29 ÷ 3 = ☐		
b	45 ÷ 7 = ☐		
c	19 ÷ 2 = ☐		
d	24 ÷ 5 = ☐		

3 Complete the table:

Gqibezela itheyibhile: (12)

		Multiple Isiphindwa	Remainder Intsalela	Answer? Isiphumo?
a	22 ÷ 4 = ☐			
b	25 ÷ 7 = ☐			
c	42 ÷ 8 = ☐			
d	39 ÷ 6 = ☐			

4 Calculate:

Bala: (4)

a 17 ÷ 3 = _____

b 33 ÷ 6 = _____

c 30 ÷ 7 = _____

d 31 ÷ 4 = _____

Written Assessment Lesson 18
Uvavanyo Olubhalwayo Isifundo 18

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

Hlola iimpendulo zeengxaki uze ulungise iimpazamo ezikhoyo: (8)

		Check Hlola	Corrections Izilungiso
a	17 ÷ 3 = 5 remainder/intsalela 1		
b	56 ÷ 6 = 9 remainder/intsalela 2		
c	39 ÷ 5 = 7 remainder/intsalela 3		
d	42 ÷ 4 = 9 remainder/intsalela 6		

2 Solve the problem:

Sombulula le ngxaki: (10)

<table>
<tr><td colspan="2">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?</td><td colspan="8">Kukho iilekese ezingama-27.
Kufuneka ufake iilekese ezi-4 epakethini ukuze uzithengise evenkileni.
Kuza kufuneka ube neepakethi ezingaphi?</td></tr>
<tr><td>Write the number sentence with answer:
Bhala isivakalisi manani nesiphumo:</td><td colspan="9"></td></tr>
<tr><td rowspan="2">Fill in the table:
Zalisa itheyibhile:</td><td>Bags
Iipakethi</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Sweets × 4
Iilekese × 4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>How many bags will you need?
Zingaphi iipakethi oza kuzifuna?</td><td colspan="9">I need _____ bags and there are _____ sweets left over.
Ndifuna iipakethi ezi _____ kwaye kukho iilekese ezi_____ ezishiyekileyo.</td></tr>
</table>

Written Assessment Lesson 25

Uvavanyo Olubhalwayo Isifundo 25

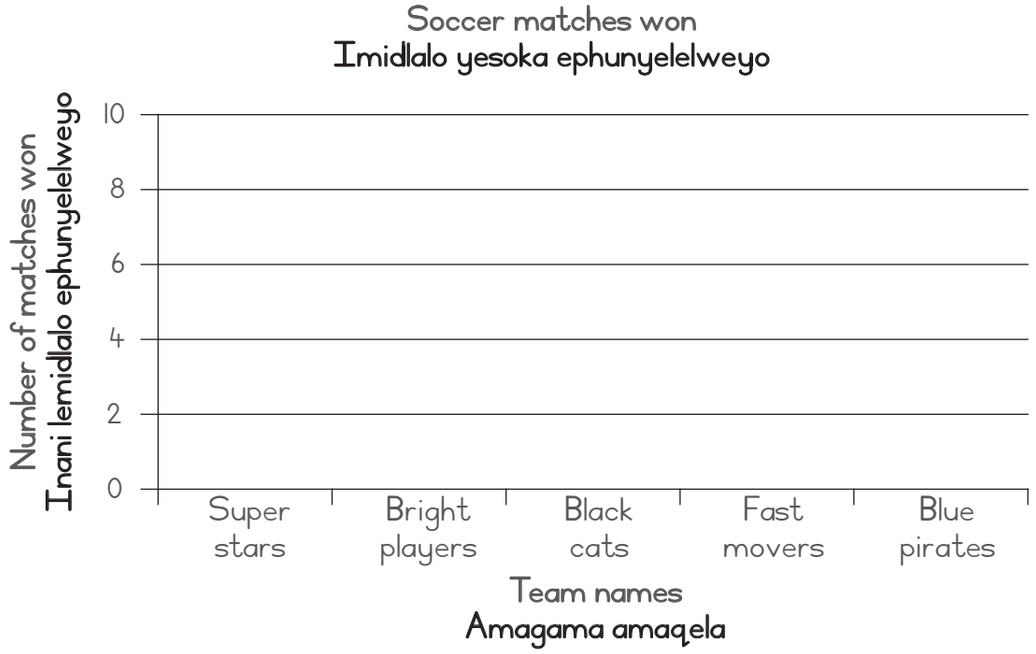
Answer the questions using the information in the table below:

Phendula imibuzo usebenzise ulwazi olukwitheyibhile engasezantsi:

Team Iqela	Number of soccer matches won Inani lemidlalo yesoka ephunyelelweyo
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 ulwazi olukwitheyibhile uze wenze igrafu yezinti. (5)



2 How many matches did each of these teams win?
Mingaphi imidlalo ephunyelelwe liqela ngalinye? (5)

a Super Stars _____

b Bright Players _____

c Black Cats _____

d Fast Movers _____

e Blue Pirates _____

3 Who won the most matches?
Leliphi iqela eliphumelele imidlalo emininzi? _____ (1)

4 Who won the fewest matches?
Leliphi iqela eliphumelele imidlalo embalwa?_____ (1)

5 Who came second?
Ngoobani abaphume kwindawo yesibini?_____ (1)

6 Who came second last?
Ngoobani abaphume kwindawo yesibini ekugqibeleni?

_____ (1)

7 What is the difference in wins between the Super Stars and Black Cats?
Ashiyana kangakanani amaqela eSuper Stars neBlack Cats?

_____ (1)

8 How many people were interviewed?
Bangaphi abantu ababuziweyo? _____ (1)

Written Assessment Lesson 30

Uvavanyo Olubhalwayo Isifundo 30

1 Circle the container that can hold more water.

Biyela isikhongozeli esinokuthatha amanzi amaninzi. (1)

2 (3)

340 mℓ

1000 mℓ

a What is the capacity of the milk carton?

Ithatha umthamo ongakanani ikhathuni yobisi? _____

b What is the capacity of the Fanta can?

Ithatha umthamo ongakanani itoti yeFanta? _____

c Which container has the greater capacity?

Sesiphi isikhongozeli esinomthamo omkhulu? _____

3 How many standard cups (250 mℓ) will fill:

Zingaphi iikomityi ezinomthamo oqhelekileyo (250 mℓ) ezinokuzalisa: (2)

- A 1 litre container?

  Isikhongozeli esinomthamo ongangelitha e-1? _____

- A 500 mℓ container?

  Isikhongozeli esinomthamo ongange-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?

UNomsa uthenge i-340 mℓ yeCoke waze uVusi wathenga i-500 mℓ yeCoke. Zingaphi iimililitha zeCoke abanazo zidibene?

_____ (2)

5 Complete:

Gqibezela: (2)

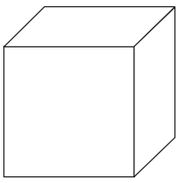
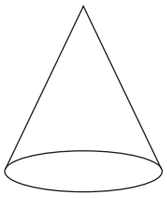
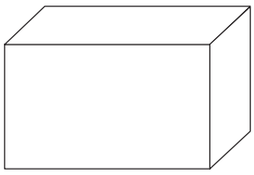
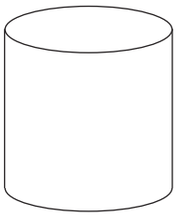
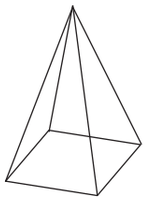
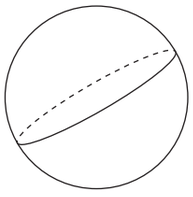
1500 mℓ + 500 mℓ =_____ mℓ = _____ ℓ

Written Assessment Lesson 34

Uvavanyo Olubhalwayo Isifundo 34

Complete the following table:

Gqibezela le theyibhile ilandelayo: (18)

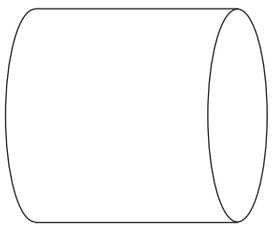
Object Into ekhoyo	Name Igama	Can it roll? Ingaqengqeleka na?	Can it slide? Ingatyibilika na?
			
			
			
			
			
			

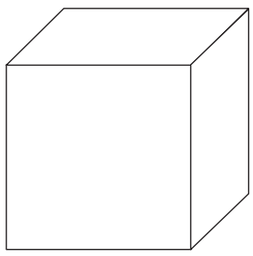
Written Assessment Lesson 37

Uvavanyo Olubhalwayo Isifundo 37

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

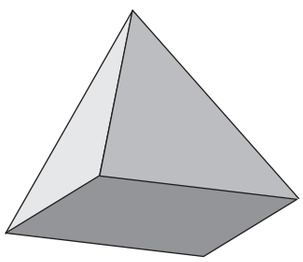
Biyela into ekwaziyo ukuqengqeleka uze wenze unonxa kwinto ekwaziyo ukuqengqeleka nokutyibilika. (2)

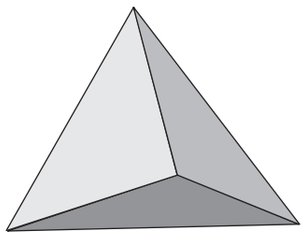


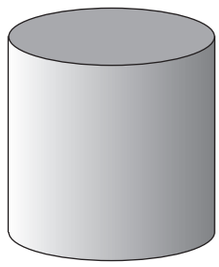


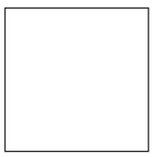
2 Draw lines to match the base of the 3-D objects with the 2-D shapes.

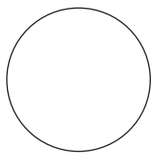
Krwela imigca utshatise umphantsi wezinto ezinemilinganiselo eyi-3-D naleyo yeemilo ezinemilinganiselo eyi-2D. (3)

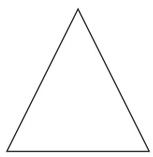






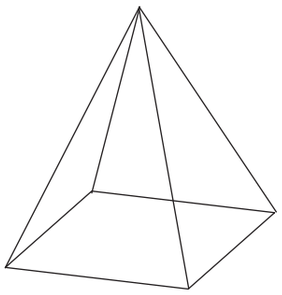






3 Draw the shapes that make up this pyramid:

Zoba iimilo ezenza le phiramidi: (3)



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

Zoba into enomphezulu osicaba kunye nento enomphezulu ogobileyo. (2)

Flat surface Umphezulu osicaba	Curved surface Umphezulu ogobileyo