

MATHEMATICS

Grade 3

**English/
Xitsonga**

**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.

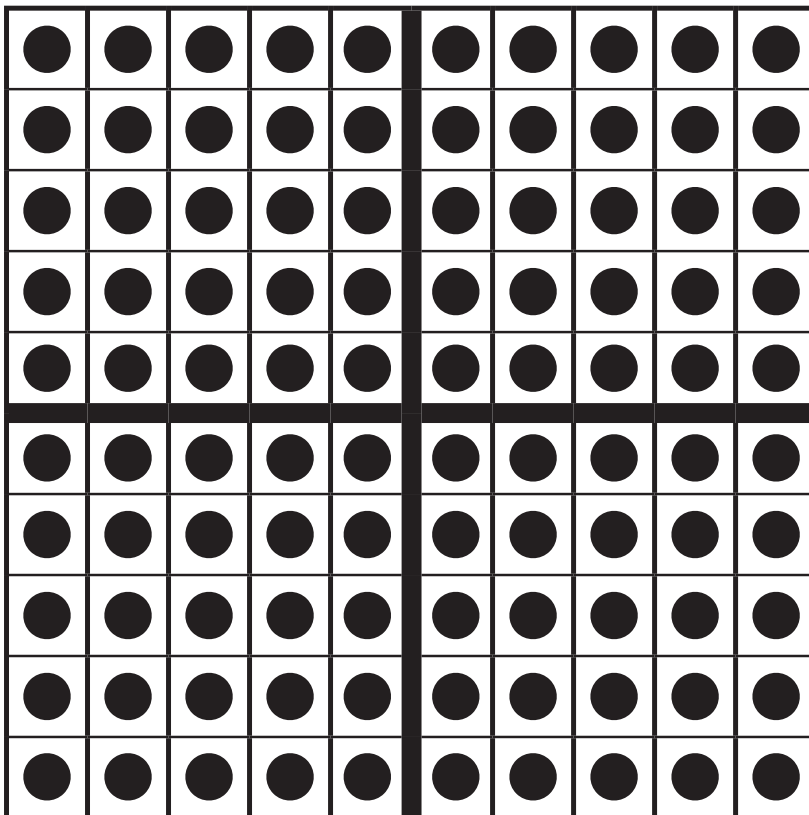
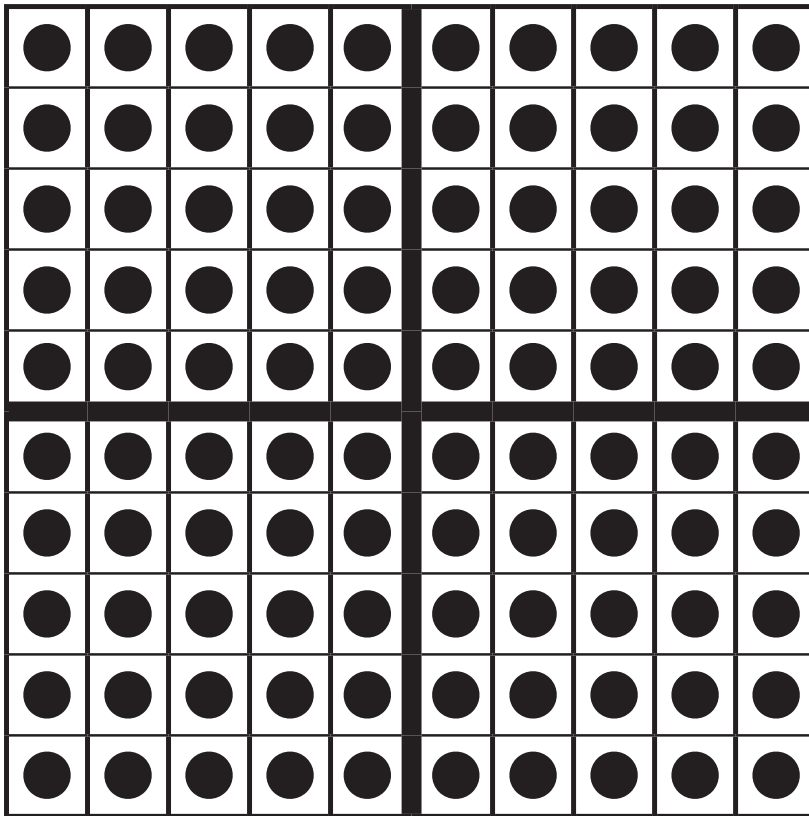
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RESOURCES FOR EACH DAY OF TEACHING

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.

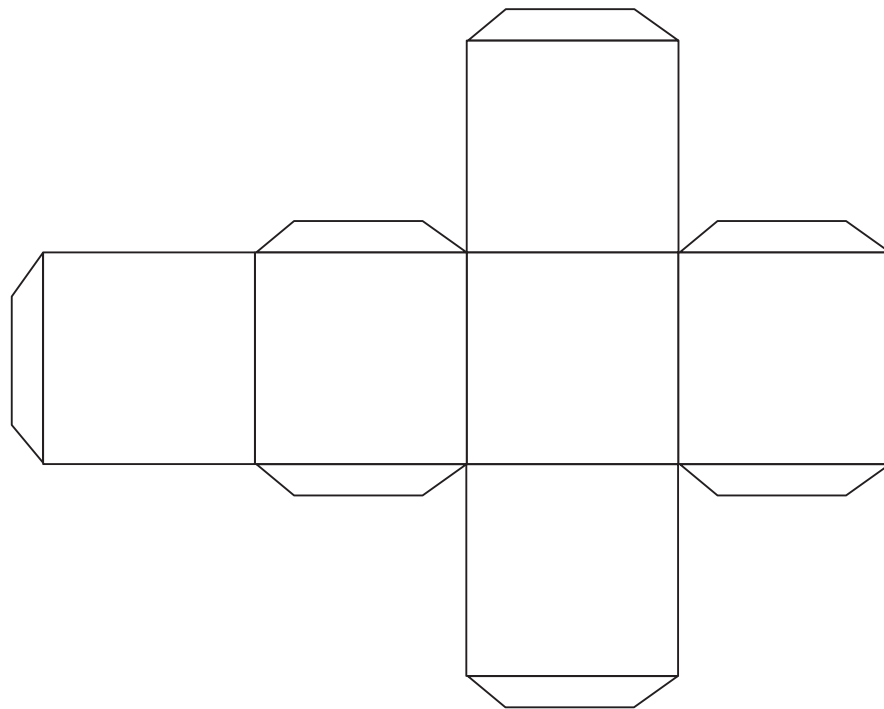
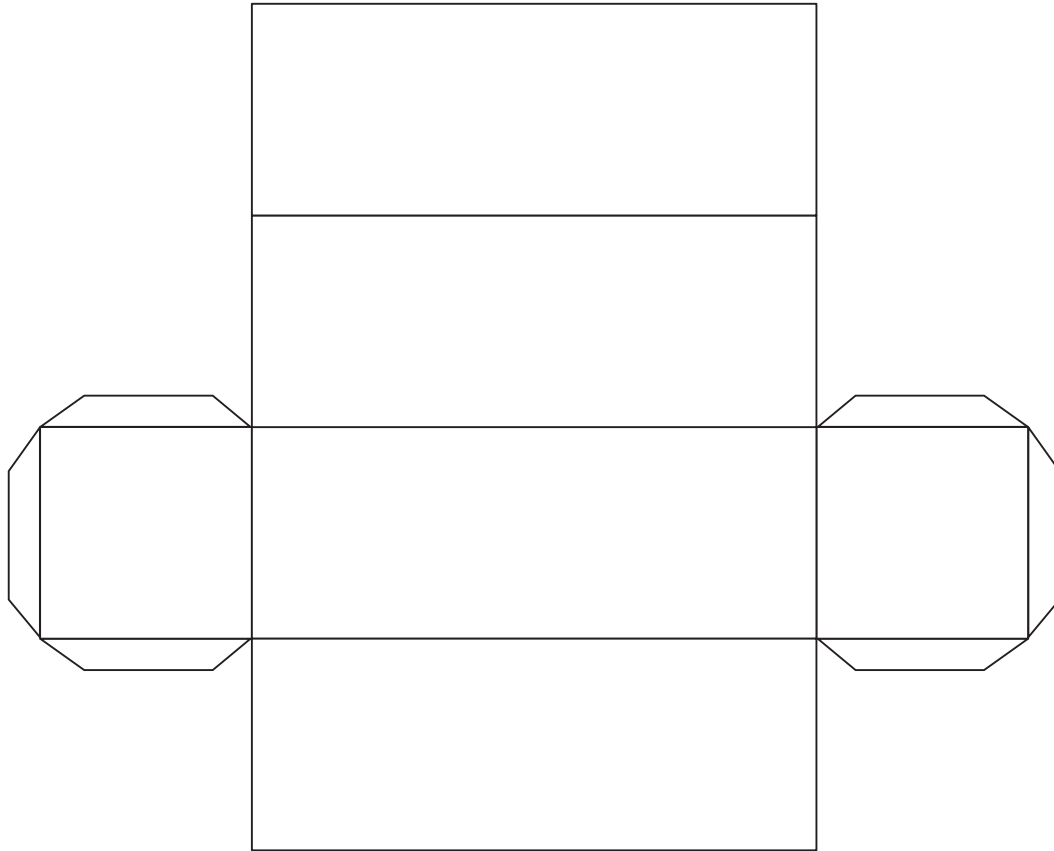
I Printed tens (lesson 8 and 10)

Vakhume vo pirintiwa (dyondzontsongo ya 8 na 10)



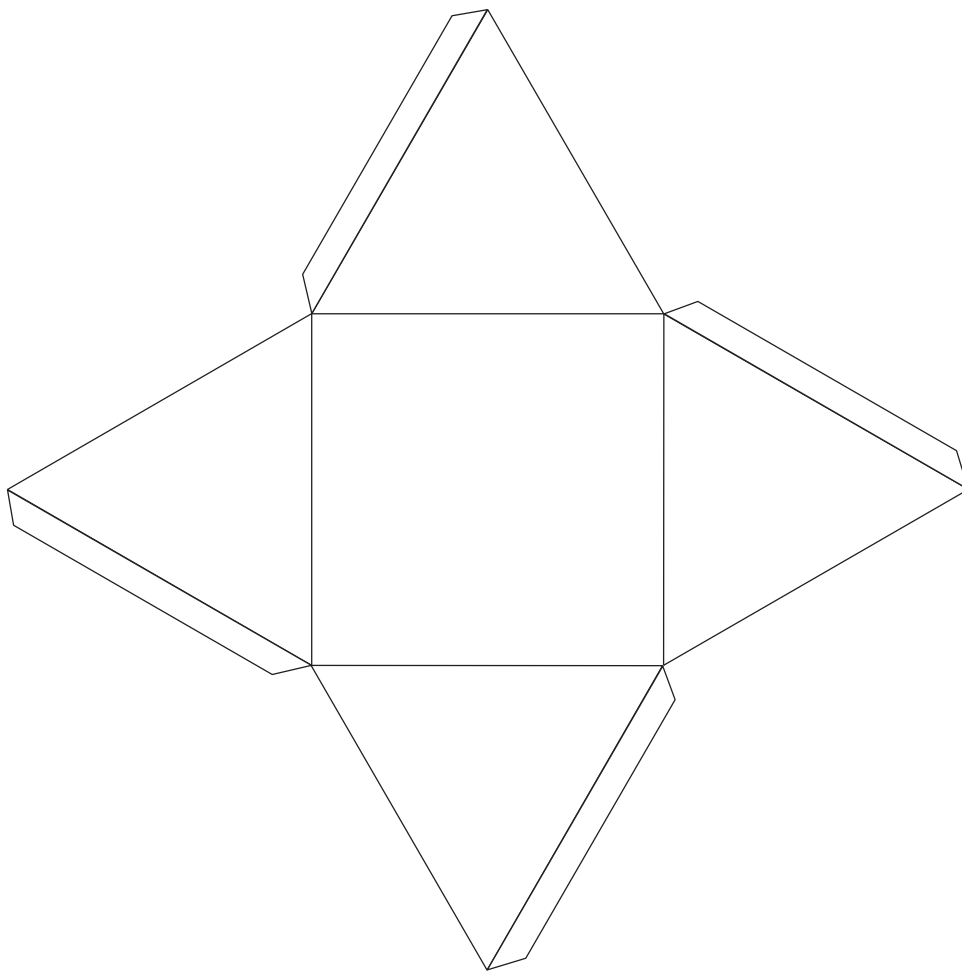
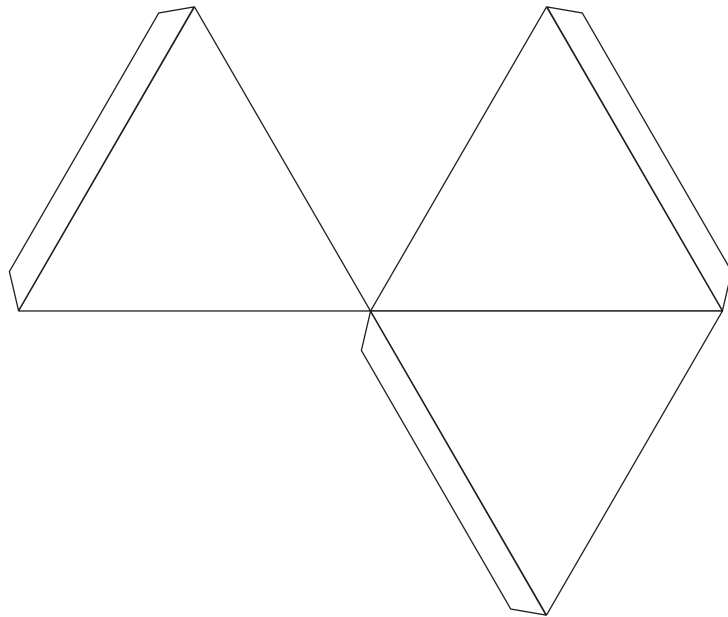
2 Nets (Lesson 33)

Matavala (Dyondzontsongo ya 33)



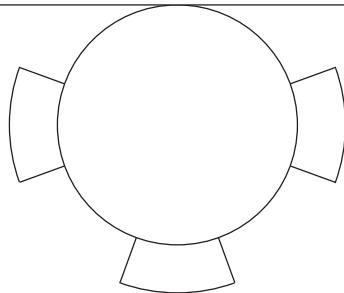
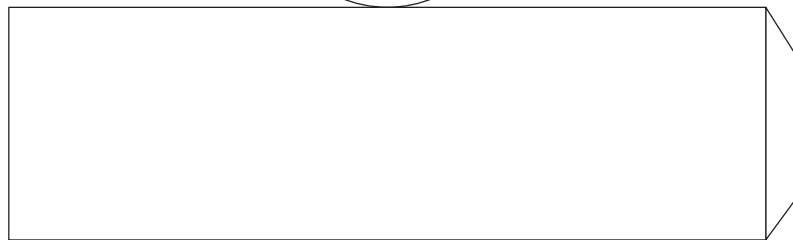
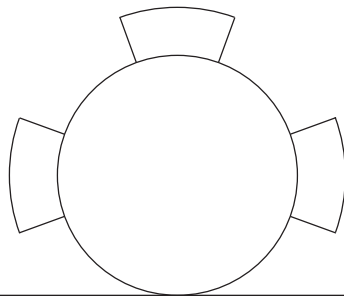
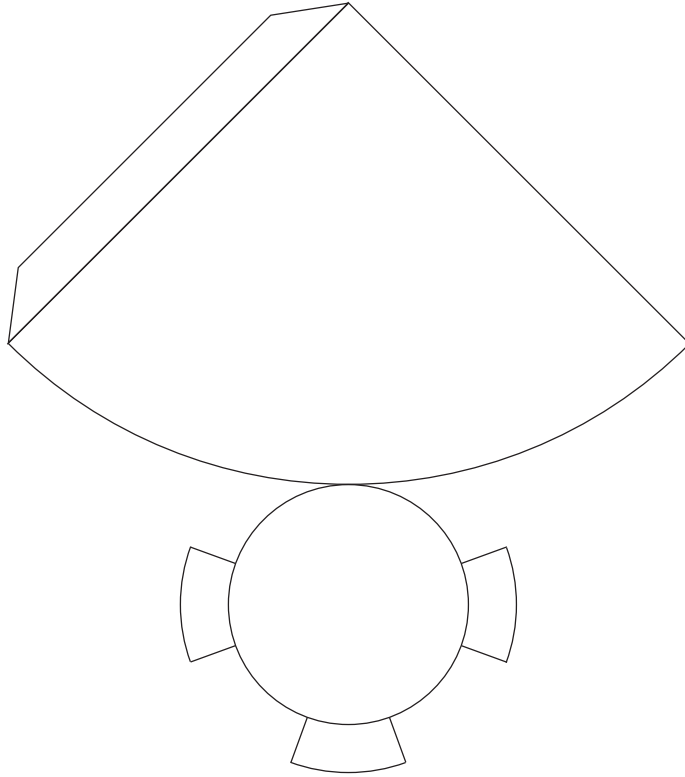
3 Nets (Lesson 33)

Matavala (Dyondzontsongo ya 33)



4 Nets (Lesson 33)

Matavala (Dyondzontsongo ya 33)



2 Written assessments

Makambelelo yo tsariwa

Written Assessment Lesson 4

Makambelelo yo Tsariwa Dyondzontsongo ya 4

1 Solve the problems:

Lulamisa swiphiqo:

(6)

a	<p>There are 24 eggs. 6 eggs fit in one box. How many boxes will we need?</p>	<p>Ku na 24 wa matandza. Bokisi rin'we ri rwala 6 wa matandza. Xana ku ta laveka mabokisi mangani?</p>
	<p>Write the number sentence. Tsala xivulwa xa tinomoro.</p>	
	<p>Turn it into multiplication. Xi tsale hi ku andzisa.</p>	
	<p>Write the answer. Tsala nhlamulo.</p>	

b	There are 56 sweets. Share the sweets equally between 8 learners. How many sweets will each learner get?	Ku na 56 wa malekere. Ma avele 8 wa vadyondzi hi ku ringana. Xana un'wana na un'wana u ta kuma malekere mangani?
	Write the number sentence. Tsala xivulwa xa tinomboro.	
	Turn it into multiplication. Xi tsale hi ku andzisa.	
	Write the answer. Tsala nhlamulo.	

2 Calculate:

Khakhuleta:

(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

Makambelelo yo Tsariwa Dyondzontsongo ya 9

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

Dzwhata hafu ya xiphemu xa rihlanga rin'wana na rin'wana.

(6)

		Fraction Xiphemu
a		
b		
c		

2 Solve the problems:

Lulamisa swiphiqo:

(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 u na 50 wa timabulu. U nyika munghana wa yena $\frac{1}{2}$ ya timabulu takwe. Xana i timabulu tingani a ti nyikaka munghana wakwe?</p>		
	<p>Draw the diagram. Dirowa dayagiramu.</p> <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Dots Tidoto</td> </tr> <tr> <td style="padding: 5px;">Fractions Swiphemu</td> </tr> </table>	Dots Tidoto	Fractions Swiphemu	
	Dots Tidoto			
	Fractions Swiphemu			
<p>Write the number sentences to show $\frac{1}{2}$ of 50. Tsala xivulwa xa tinomboro ku komba $\frac{1}{2}$ ya 50.</p>				
<p>Write the answer. Tsala nhlamulo.</p>				

b	<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>Ndzi na 24 wa malamula. Ndzi nyika buti $\frac{1}{4}$ ya wona. Xana i malamula mangani ndzi ma nyikaka buti.</p>		
	<p>Draw the diagram. Dirowa dayagiramu.</p> <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Dots Tidoto</td> </tr> <tr> <td style="padding: 5px;">Fractions Swiphemu</td> </tr> </table>	Dots Tidoto	Fractions Swiphemu	
	Dots Tidoto			
	Fractions Swiphemu			
<p>Write the number sentences to show $\frac{1}{4}$ of R24. Tsala xivulwa xa tinomboro ku komba $\frac{1}{4}$ ya R24.</p>				
<p>Write the answer. Tsala nhlamulo.</p>				

3 Calculate:

Khakhuleta:

(10)

a Double 30.

Mbirhahata 30. _____

b Halve 50.

Hafula 50. _____

c $60 \div 4 =$ _____

d $60 \div 6 =$ _____

e Halve 100.

Hafula 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

Makambelelo yo Tsariwa Dyondzontsongo ya 14

1. Calculate:

Khakhuleta:

(4)

a $48 \div 2 =$ _____

b $96 \div 3 =$ _____

c $84 \div 4 =$ _____

d $66 \div 6 =$ _____

2. Draw dots to find the answer:

Dirowa tidoto ku kuma nhlamulo.

(8)

		Draw dots to find the answer Dirowa tidoto ku kuma nhlamulo	Answer Nhlamulo
a	$29 \div 3 = \square$		
b	$45 \div 7 = \square$		
c	$19 \div 2 = \square$		
d	$24 \div 5 = \square$		

3 Complete the table:

Hetisa tafula:

(12)

		Multiple Nyandziso	Remainder Nsalo	Answer? Nhlamulo?
a	$22 \div 4 = \square$			
b	$25 \div 7 = \square$			
c	$42 \div 8 = \square$			
d	$39 \div 6 = \square$			

4 Calculate:

Khakhuleta:

(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

Makambelelo yo Tsariwa Dyondzontsongo ya 18

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

Kamba tinhlamulo ta swiphiqo kutani u lulamisa swihoxo laha ku faneleke: (8)

		Check Kamba	Corrections Mindzulamiso
a	$17 \div 3 = 5$ remainder/ku sala 1		
b	$56 \div 6 = 9$ remainder/ku sala 2		
c	$39 \div 5 = 7$ remainder/ku sala 3		
d	$42 \div 4 = 9$ remainder/ku sala 6		

2 Solve the problem:

Lulamisa xiphiqo:

(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>Ku na 27 wa swiwitsi. U fanele u ngenisa 4 wa swiwitsi enkwameni swi ta xavisiwa exiphazeni. Xana ku laveka mikwama yingani?</p>							
<p>Write the number sentence with answer: Tsala xivulwa xa tinomboro na nhlamulo:</p>								
<p>Fill in the table: Tata tafula:</p>	<p>Bags Mikwama</p>							
	<p>Sweets x 4</p>							
<p>How many bags will you need? Ku laveka mikwama yingani?</p>	<p>I need _____ bags and there are _____ sweets left over. Ku laveka _____ wa mikwama naswona ku sala _____ wa swiwitsi.</p>							

Written Assessment Lesson 25

Makambelelo yo Tsariwa Dyondzontsongo ya 25

Answer the questions using the information in the table below:

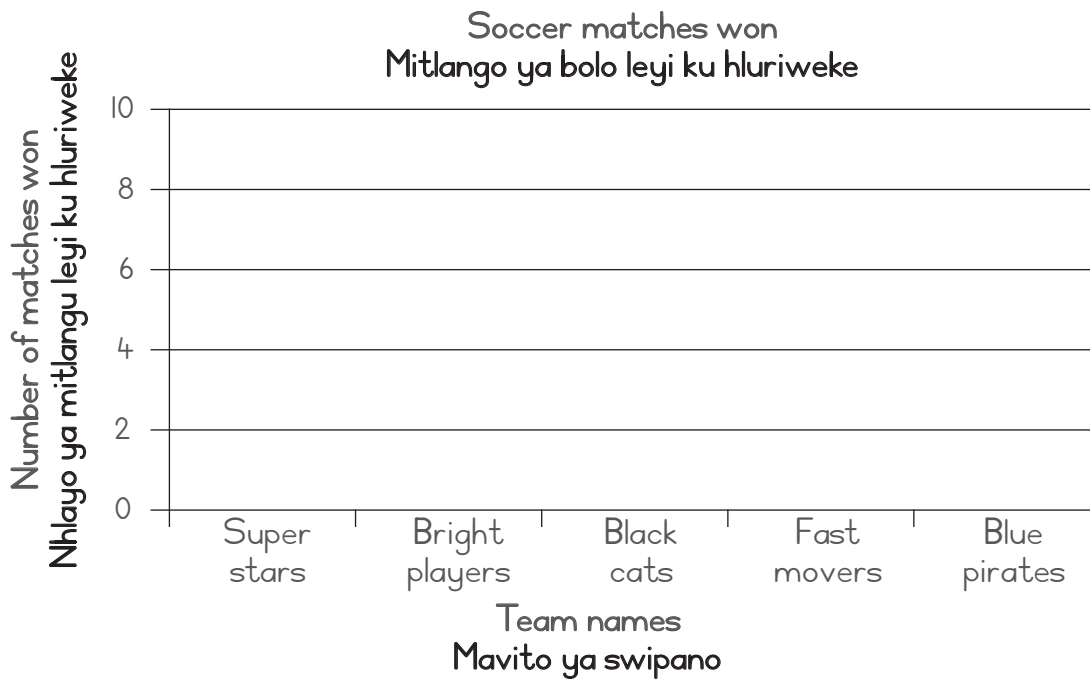
Hlamula swivutiso hi ku tirhisa vuxokoxoko lebyi nga eka tafula la hansi.

Team Xipano	Number of soccer matches won Nhlayo ya mitlango ya bolo leyi ku hluriweke
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.

Tirhisa vuxokoxoko bya le ka tafula ku dirowa girafu ya tibarara.

(5)



- 2 How many matches did each of these teams win?
Xana xipano ha xin'we xi hlule mitlango yingani? (5)
- a Super Stars _____
 - b Bright Players _____
 - c Black Cats _____
 - d Fast Movers _____
 - e Blue Pirates _____
- 3 Who won the most matches?
Hi xihile lexi hluleke mitlango yo tala? _____ (1)
- 4 Who won the fewest matches?
Hi xihile lexi hluleke mitlango leyitsongo eka hinkwaswo?
_____ (1)
- 5 Who came second?
Hi xihile xa vumbirhi? _____ (1)
- 6 Who came second last?
Hi xihile xa vumbirhi kusuka eku heteleleni?
_____ (1)
- 7 What is the difference in wins between the Super Stars and Black Cats?
Ku hlula ka Super Stars na Black Cats ku hambana hi yini?
_____ (1)
- 8 How many people were interviewed?
Xana ku vulavurisaniwe na vanhu vangani?
_____ (1)

Written Assessment Lesson 30

Makambelelo yo Tsariwa Dyondzontsongo ya 30

1 Circle the container that can hold more water.

Bana xirhendzevutana eka xibye lexi nga tamelaka mati yo tala.

(1)



2



340 ml



1000 ml

(3)

- a What is the capacity of the milk carton?
Xana khatoni ya meleke yi na vundzeni byo fika kwihhi? _____
- b What is the capacity of the Fanta can?
Xana thini ra Fanta ri na vundzheni byo fika kwihhi? _____
- c Which container has the greater capacity?
Hi xihhi xibye xo chela lexi nga na vundzeni lebyikulu?

- 3 How many standard cups (250 ml) will fill:
Xana i tingani tikhapu ta mafundza (250 ml) leti nga tataka: (2)
- A 1 litre container?
Xibye xa litara yi l? _____
 - A 500 ml container?
Xibye xa 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 u xava khokhu ya 340 ml kutani Vusi u xava khokhu ya 500 ml. Xana i timilitara tingani ta khokhu leti va nga na tona loko ti hlange? _____ (2)
- 5 Complete:
Hetisa: (2)
 $1500\text{ ml} + 500\text{ ml} = \underline{\hspace{2cm}}\text{ ml} = \underline{\hspace{2cm}}\text{ l}$

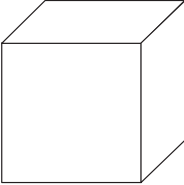
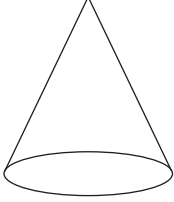

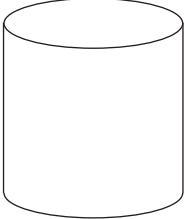
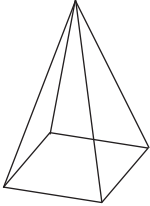
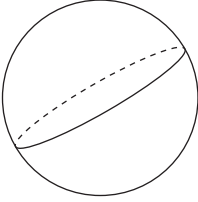
Written Assessment Lesson 34

Makambelelo yo Tsariwa Dyondzontsongo ya 34

Complete the following table:

Hetisa tafula leri landzelaka:

(18)

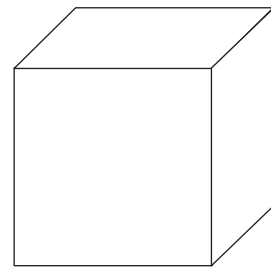
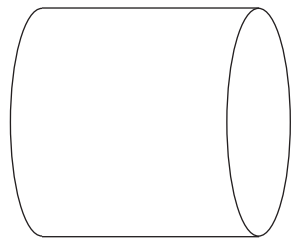
Object Nchumu	Name Vito	Can it roll? Xana xi nga khunguluka?	Can it slide? Xana xi nga rheta?
			
			
			
			
			
			

Written Assessment Lesson 37

Makambelelo yo Tsariwa Dyondzontsongo ya 37

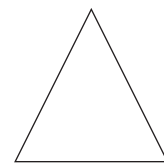
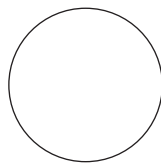
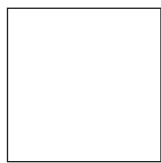
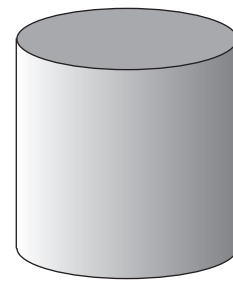
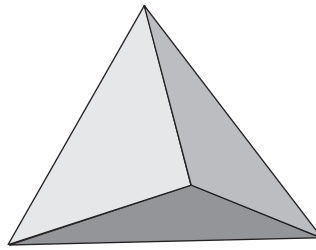
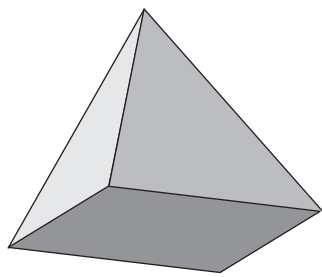
- 1 Circle the object that can slide and then draw a cross over the object that can roll and slide.

Bana xirhendzevutana eka nchumu lowu rhetaka kutani u ba xihambano ehenhla ka nchumu lowu khungulukaka no rheta. (2)



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

Dirowa mitila yi yelana na tshaku ra michumu ya matlhelo ma3 na ya matlhelo ma2. (3)

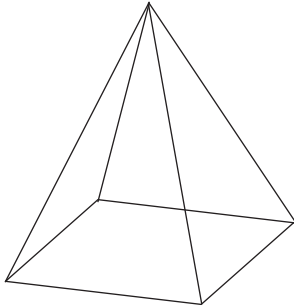


2 Written assessments

3 Draw the shapes that make up this pyramid:

Dirowa swivumbeko leswi endlaka phiramidi leyi:

(3)



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

Dirowa nchumu wun'we wa vuandlalo/tshaku ra xiphepherhele na tshaku ro gombonyoka.

(2)

Flat surface Tshaku ra xiphepherhele	Curved surface Tshaku ro gombonyoka