MATHEMATICS

Grade 3

English/ Tshivenḓa

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.

Hoyu ndi mutevhe wa zwiko zwa mbalo (metse) zwine vha ḓo tea u zwi shumisa kha themo ino. Vha tea u vha na vhuṱanzi uri vha na zwo vha tshi itela ngudo dze zwa themendelwa dzone.

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RESOURCES FOR EACH DAY OF TEACHING

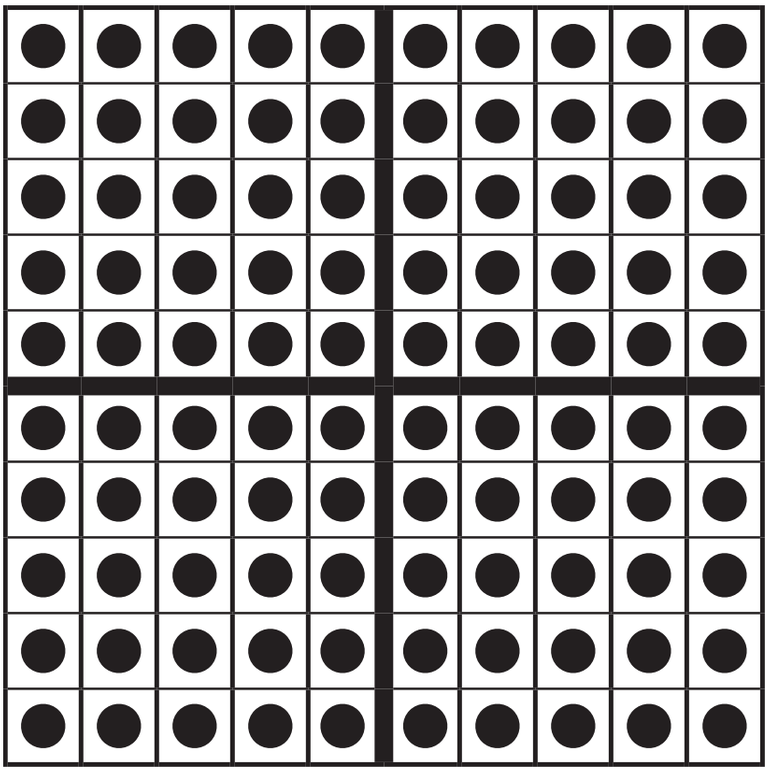
There are also other resources such as informal resources (old magazines, pieces of string, scrap paper, etc.) that you may need in certain lessons. You should have a careful look at the list of resources needed for each lesson; this list is given in the lesson plans each day. Prepare yourself, so that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

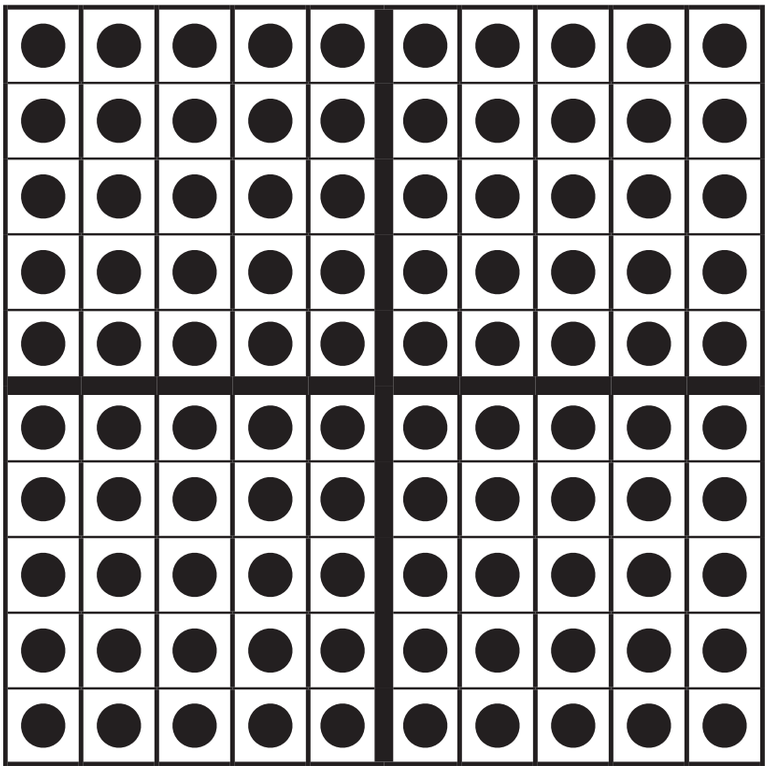
ZWIKO ZWA U FUNZA ZWA ḒUVHA NGA ḒUVHA

Hu na zwiko zwiṅwevho zwi no nga zwiko zwi si zwa fomaḽa (magazini ya kale, zwipiḓa zwa vhutambo/miḓali, mabammbiri o no shumiswaho, nzw.) zwine vha nga zwi shumisa kha dziṅwe dza ngudo. Vha tea u sedza mutevhe wa zwiko nga vhuronwane une wa ḓo shumiswa kha ngudo iṅwe na iṅwe; mutevhe uyu u sumbedzwa kha pulane ya ngudo ya ḓuvha ḽiṅwe na ḽiṅwe. Kha vha ḓilugise, uri ḓuvha ḽiṅwe na ḽiṅwe vha vhe vhe na zwiko zwo teaho ngudo.

1 Printed tens (lesson 8 and 10)

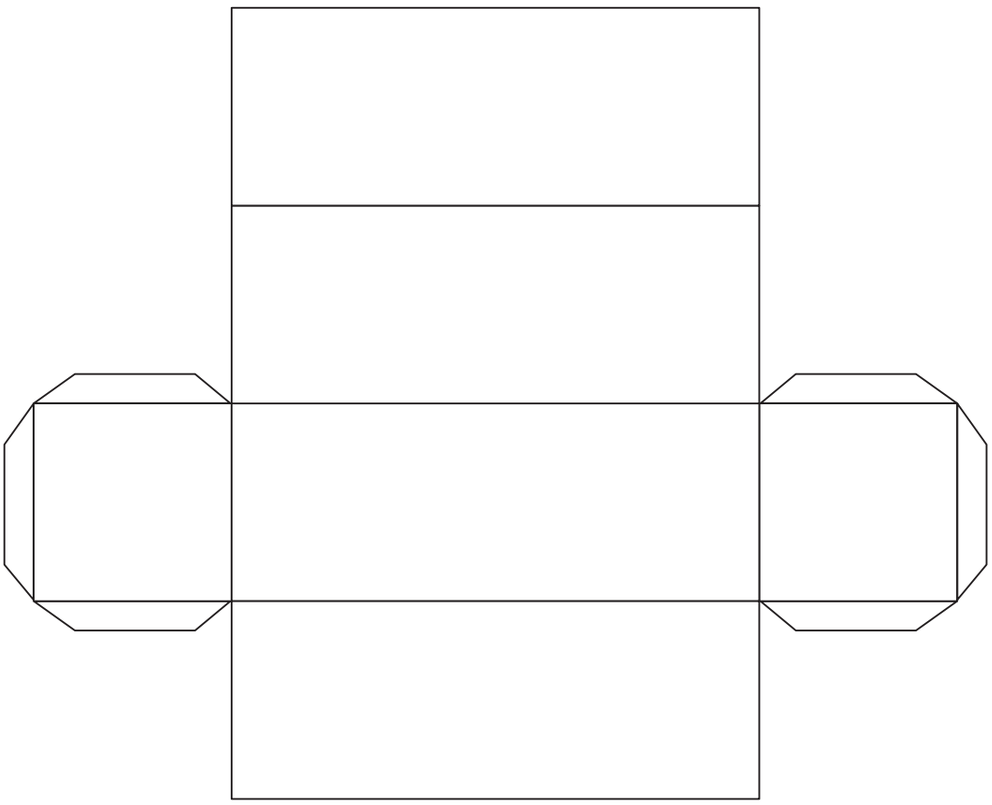
Mahumi o gandiswaho (ngudo ya 8 na ya 10)

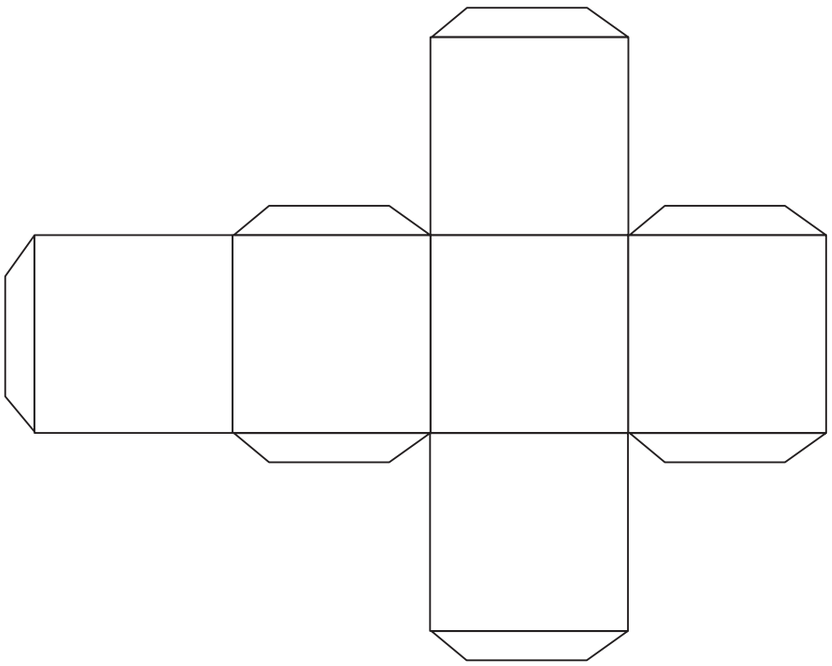




2 Nets (Lesson 33)

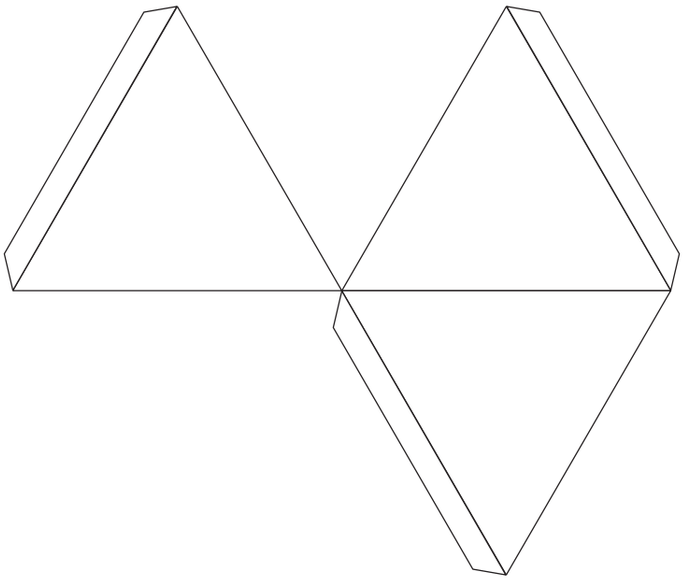
Nete (Ngudo ya 33)

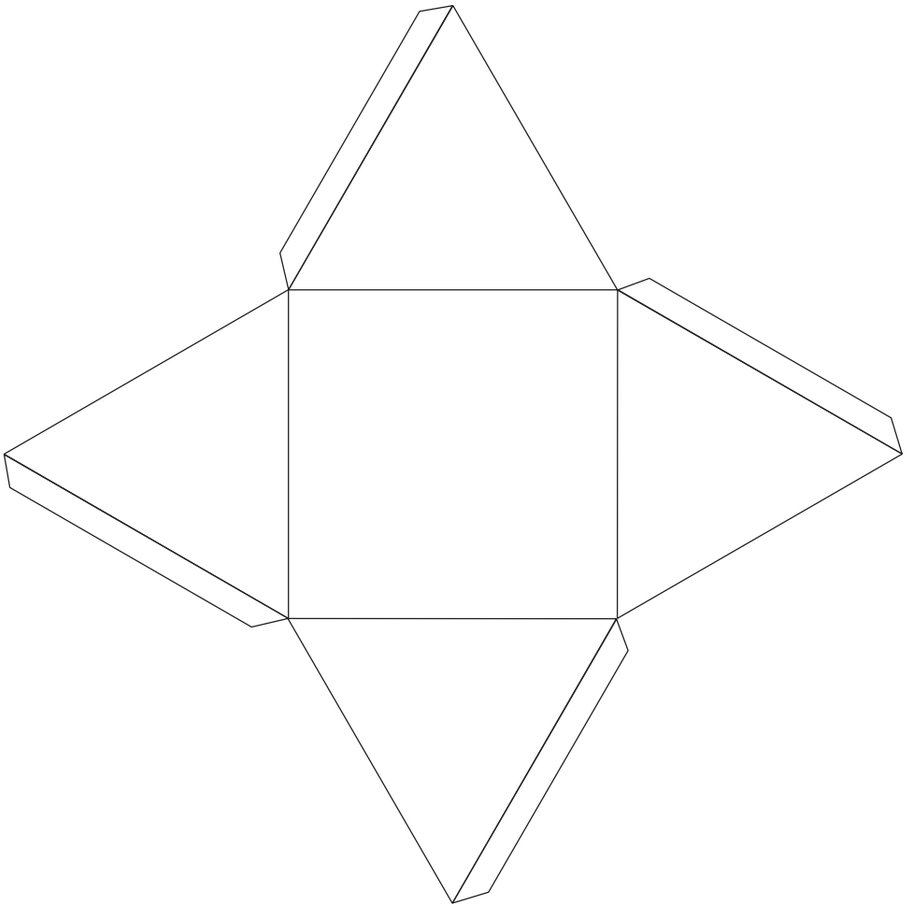




3 Nets (Lesson 33)

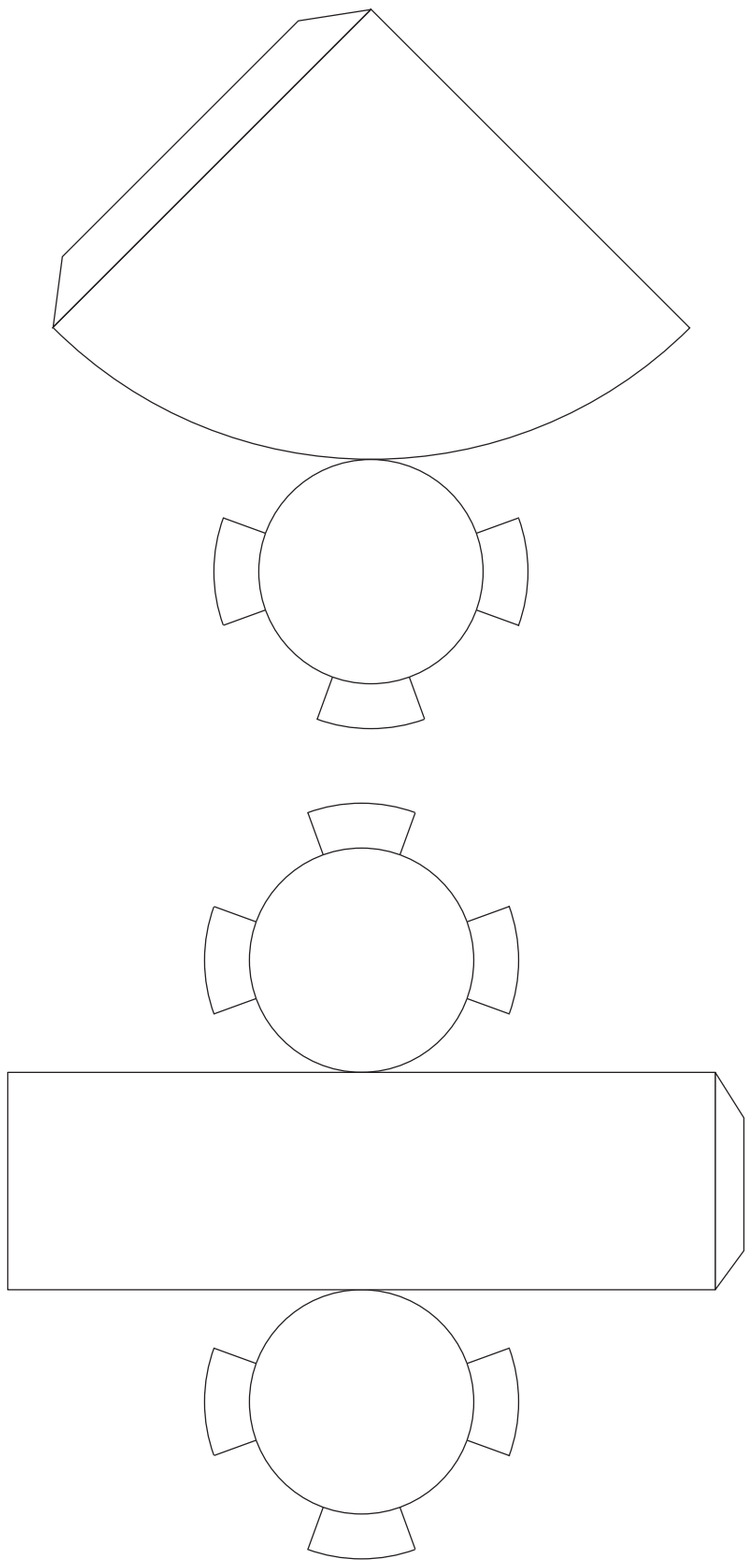
Nete (Ngudo ya 33)





4 Nets (Lesson 33)

Nete (Ngudo ya 33)



2 Written assessments
U linga ha u ṅwala

Written Assessment Lesson 4
U linga ha u ṅwala Ngudo ya 4

1 Solve the problems:

Tandululani thaidzo: (6)

a	There are 24 eggs. 6 eggs fit in one box. How many boxes will we need?	Hu na makumba a 24. Makumba a 6 a a fhelela bogisini ḽithihi. Ri ḓo tea u vha na mabogisi mangana?
	Write the number sentence. Ṅwalani fhungombalo.	
	Turn it into multiplication. Zwi iteni muandiso.	
	Write the answer. Ṅwalani phindulo.	

b	There are 56 sweets. Share the sweets equally between 8 learners. How many sweets will each learner get?	Hu na maḽegere a 56. Akovheleni vhagudi vha 8 a tshi lingana. Mugudi muṅwe na muṅwe u ḓo wana maḽegere mangana?
	Write the number sentence. Ṅwalani fhungombalo.	
	Turn it into multiplication. Zwi iteni muandiso.	
	Write the answer. Ṅwalani phindulo.	

2 Calculate:

Saukanyani: (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

U linga ha u ṅwala Ngudo ya 9

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

Swifhadzani hafu ya lubammbiri luṅwe na luṅwe lwa furakhisheni ni ṅwale furakhisheni ya hone. (6)

		Fraction Furakhisheni
a		
b		
c		

2 Solve the problems:
Tandululani thaidzo: (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>Bheki u na mimavhuḽu ya 50.
U fha khonani yawe $\frac{1}{2}$ ya mimavhuḽu yawe.
U fha khonani yawe mimavhuḽu mingana?</td></tr>
<tr><td>Draw the diagram.
Olani nyolo.
<table><tr><td>Dots
Zwithoma</td></tr><tr><td>Fractions
Furakhisheni</td></tr></table></td><td colspan="2"></td></tr>
<tr><td>Write the number sentences to show $\frac{1}{2}$ of 50.
Ṅwalani mafhungombalo ni tshi sumbedza $\frac{1}{2}$ ya 50.</td><td colspan="2"></td></tr>
<tr><td>Write the answer.
Ṅwalani phindulo.</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?	Ndi na maswiri a 24. Ndi fha murathu wanga $\frac{1}{4}$ yao. Ndo fha murathu wanga maswiri mangana?
	Draw the diagram. Olani nyolo. Dots Zwithoma Fractions Furakhisheni	
	Write the number sentences to show $\frac{1}{4}$ of R24. Ṅwalani mafhungombalo ni tshi sumbedza $\frac{1}{4}$ ya 24.	
	Write the answer. Ṅwalani phindulo.	

3 Calculate:

Saukanyani: (10)

a Double 30.

Ingani kavhili 30. _____

b Halve 50.

Hafulani 50. _____

c 60 ÷ 4 = _____

d 60 ÷ 6 = _____

e Halve 100.

Hafulani 100. _____

f 80 ÷ 2 = _____

g 60 ÷ 3 = _____

h 90 ÷ 9 = _____

i 100 ÷ 5 = _____

j 90 ÷ 3 = _____

Written Assessment Lesson 14

U linga ha u ṅwala Ngudo ya 14

1. Calculate:

   Rekanyani: (4)

   a 48 ÷ 2 = _____ b 96 ÷ 3 = _____

   c 84 ÷ 4 = _____ d 66 ÷ 6 = _____

2. Draw dots to find the answer:

   Olani zwithoma uri ni wane phindulo: (8)

		Draw dots to find the answer Olani zwithoma uri ni wane phindulo	Answer Phindulo
a	29 ÷ 3 = ☐		
b	45 ÷ 7 = ☐		
c	19 ÷ 2 = ☐		
d	24 ÷ 5 = ☐		

3 Complete the table:

Fhedzisani thebuḽu: (12)

		Multiple Nyandisi	Remainder Tshiṱahe	Answer? Phindulo?
a	22 ÷ 4 = ☐			
b	25 ÷ 7 = ☐			
c	42 ÷ 8 = ☐			
d	39 ÷ 6 = ☐			

4 Calculate:

Rekanyani: (4)

a 17 ÷ 3 = _____

b 33 ÷ 6 = _____

c 30 ÷ 7 = _____

d 31 ÷ 4 = _____

Written Assessment Lesson 18

U linga ha u ṅwala Ngudo ya 18

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

Ṱolani phindulo dza thaidzo ni lulamise vhukhakhi he zwa tea: (8)

		Check Ṱolani	Corrections Ndulamiso
a	17 ÷ 3 = 5 remainder/tshiṱahe tsha 1		
b	56 ÷ 6 = 9 remainder/tshiṱahe tsha 2		
c	39 ÷ 5 = 7 remainder/tshiṱahe tsha 3		
d	42 ÷ 4 = 9 remainder/tshiṱahe tsha 6		

2 Solve the problem:

Tandululani thaidzo: (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">Hu na maḽegere a 27.
Ni tea u vhea maḽegere a 4 kha phakhethe e a u rengisa thakhishopho.
Ni tea u vha ni na phakhethe nngana?</td></tr>
<tr><td>Write the number sentence with answer:
Ṅwalani fhungombalo ḽi re na phindulo</td><td colspan="9"></td></tr>
<tr><td rowspan="2">Fill in the table:
D̂adzani thebuḽu:</td><td>Bags
Phakhethe</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Sweets × 4
Maḽegere × 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?
Ni tea u vha ni na phakhethe nngana?</td><td colspan="9">I need _____ bags and there are _____ sweets left over.
Ndi tea u vha na phekhethe dza _____ nahone ho sala maḽegere a _____.</td></tr>
</table>

Written Assessment Lesson 25

U linga ha u ṅwala Ngudo ya 25

Answer the questions using the information in the table below:

Fhindulani mbudziso ni tshi shumisa mafhungomatsivhudzi a re kha thebu̱lu i re afho fhasi:

Team Thimu	Number of soccer matches won Tshivhalo tsha mimetshe ye ya winiwa
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.

Shumisani data i re kha thebu̱lu kha u ola tshatidungo. (5)

2 How many matches did each of these teams win?

Iṅwe na iṅwe ya thimu idzi yo wina mimetshe mingana? (5)

a Super Stars _____

b Bright Players _____

c Black Cats _____

d Fast Movers _____

e Blue Pirates _____

3 Who won the most matches?

Ndi thimu ifhio ye ya wina mimetshe minzhisa?_____(1)

4 Who won the fewest matches?

Ndi thimu ifhio ye ya wina mimetshe miṱukusa?

_____(1)

5 Who came second?

Ndi ifhio ye ya dzhia vhuimo ha vhuvhili?

_____(1)

6 Who came second last?

Ndi ifhio ye ya dzhia vhuimo ha vhuvhili u bva kha ha u fhedza?

_____(1)

7 What is the difference in wins between the Super Stars and Black Cats?

Phambano ya mimetshe yo winiwaho ndi ifhio vhukati ha Super Stars na Black Cats?

_____ (1)

8 How many people were interviewed?

Ndi vhathu vhangana vhe vha vhudzisiwa mbudziso?

_____ (1)

Written Assessment Lesson 30

U linga ha u ṅwala Ngudo ya 30

1 Circle the container that can hold more water.

Tangedzelani/tingedzelani zwifaredzi zwine zwa hwala maḓi manzhi. (1)

2 (3)

340 mℓ

1000 mℓ

a What is the capacity of the milk carton?

Khathoni ya mafhi i na khaphasithi nngafhani? _____

b What is the capacity of the Fanta can?

Tshikoṱikoṱi tsha Fanta tshi na khaphasithi nngafhani? _____

c Which container has the greater capacity?

Ndi tshifaredzi tshifhio tshi re na khaphasithi khulwane?

_____

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

Ndi khaphu nngana dzo ḓowelwaho (250 mℓ) dzine dza nga ḓadza: (2)

- A 1 litre container?

  Tshifaredzi tsha 1 ḽitha? _____

- A 500 mℓ container?

  Tshifaredzi tsha 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 renga coke ya 340 mℓ ngeno Vusi a tshi renga coke ya 500 mℓ. Vha na coke ya miḽiḽitha nngana dzo ṱangana?

_____ (2)

5 Complete:

Fhedzisani: (2)

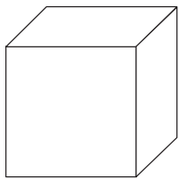
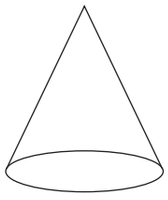
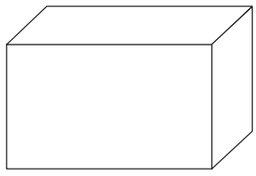
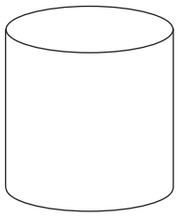
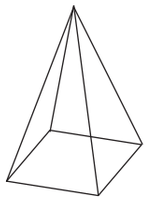
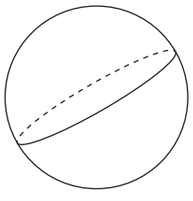
1500 mℓ + 500 mℓ =_____ mℓ = _____ ℓ

Written Assessment Lesson 34

U linga ha u ṅwala Ngudo ya 34

Complete the following table:

Fhedzisani thebu̱lu i tevhelaho: (18)

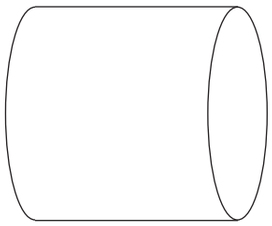
Object Tshithu	Name Dzina	Can it roll? Tshi a kunguluwa?	Can it slide? Tshi a swenda?
			
			
			
			
			
			

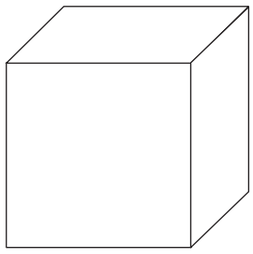
Written Assessment Lesson 37

U linga ha u ṅwala Ngudo ya 37

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

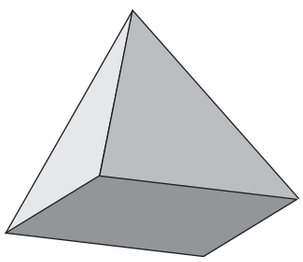
Tangedzelani/tingedzelani tshithu tshine tsha swenda ni tale tshifhambano kha tshithu tshi kunguluwa na u swenda. (2)

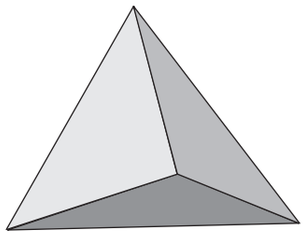


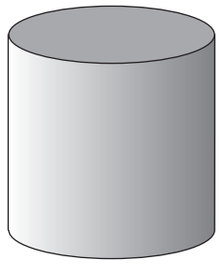


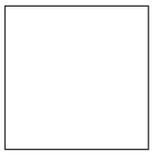
2 Draw lines to match the base of the 3-D objects with the 2-D shapes.

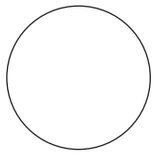
Talani mutalo ni tshi livhanya tshiraho tsha/beisi ya zwithu zwa 3-D na zwivhumbeo zwa 2-D. (3)

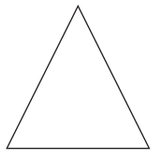






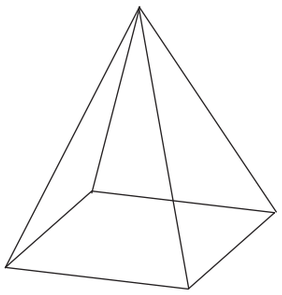






3 Draw the shapes that make up this pyramid:

Olani zwivhumbeo zwi no fhaṱa phiramidi. (3)



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

Olani tshithu tshithihi tshine tsha vha na fhethu/sia ḽa bande na tshiṅwe tshine tsha vha na fhethu/sia ḽo kutaho. (2)

Flat surface Fhethu ha bande	Curved surface Fhethu ho kutaho