

MATHEMATICS

Grade 3

**English/
Sepedi**

**Teacher's
Resource**

Pack

2019 TERM 4

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I Printable Resources

Didirišwa tšeo o ka kgonago go di gatiša

Printable resource sheets

Matlakala a didirišwa a go gatišega

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.

Le ke lenaneo la didirišwa tša mmetse tšeo o tlogo di hloka mo kotareng ye. O swanetše go netefatša go re o na le tšona ge o swaragane le dithutišo tšeo di loketšego go šomišwa le tšona.

| | | |
|---|--|---|
| 1 | Printed tens (lesson 8 and 10) | 2 |
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RESOURCES FOR EACH DAY OF TEACHING

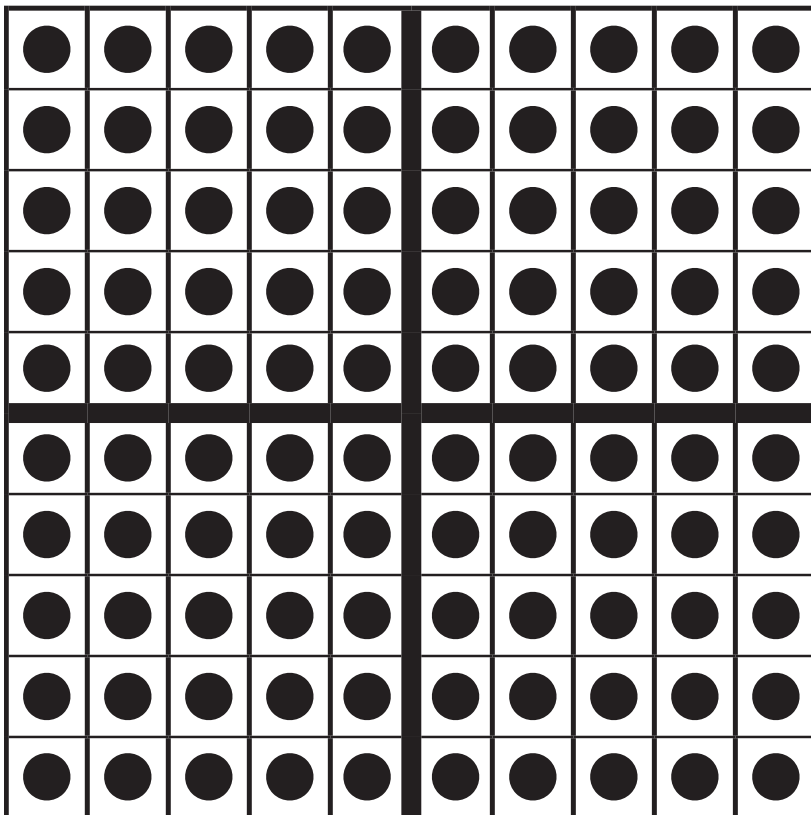
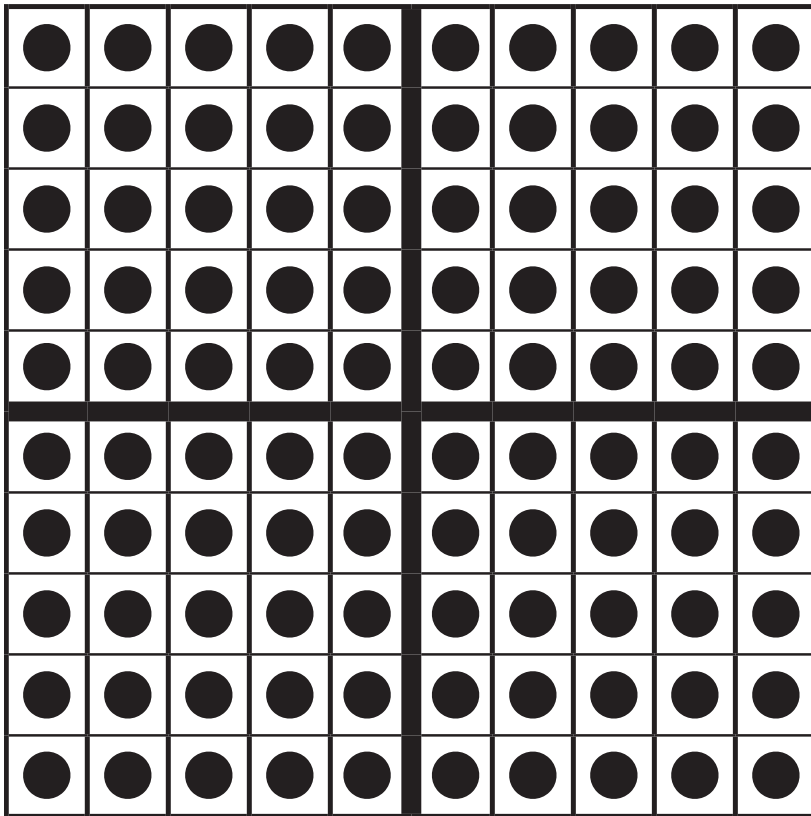
There are also other resources such as informal resources (old magazines, pieces of string, scrap paper, etc.) that you may need in certain lessons. You should have a careful look at the list of resources needed for each lesson; this list is given in the lesson plans each day. Prepare yourself, so that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

DIDIRIŠWA TŠA TŠATŠI KA TŠATŠI TŠA GO RUTA

Go na le didirišwa tše dingwe gape tšeo di sego molaong (dimakasine tša kgale, diripana tša dithapo, ditshetlana tša pampiri, bjbj.) tšeo o ka di hlokago go dithutišo tše dingwe. O swanetše go ntšha mahlo dinameng go lenaneo la didirišwa tšeo o di hlokago go thutišo ye nngwe le ye nngwe; lenaneo le le filwe ka peakanyong ya dithutišo tša letšatši le lengwe le le lengwe. Itokiše, gore o kgone go ba le didirišwa tšeo di hlokegago tša dithutišo letšatši le lengwe le le lengwe.

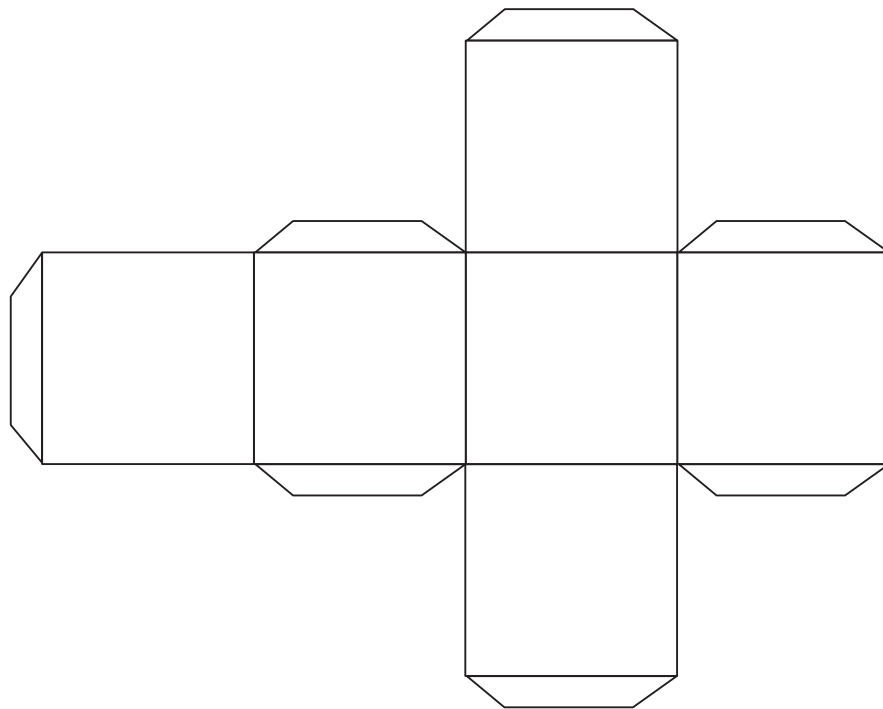
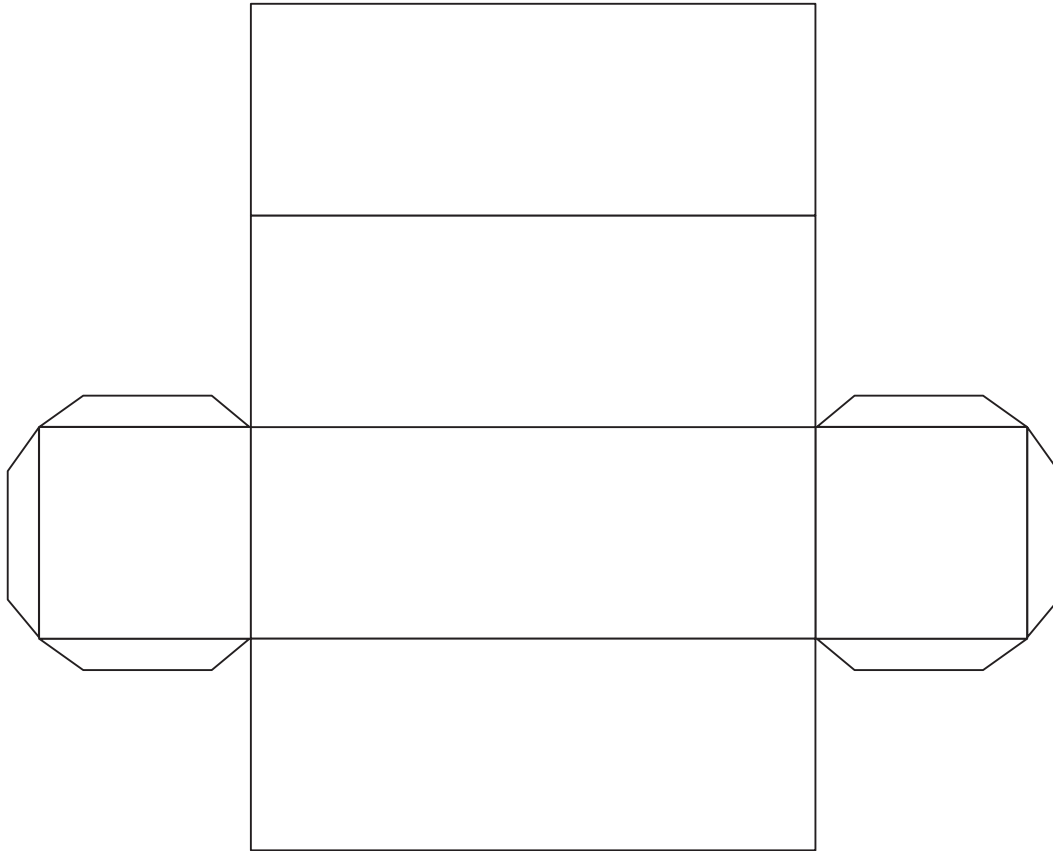
I Printed tens (lesson 8 and 10)

Masome a go gatišwa (thuto ya 8 le 10)



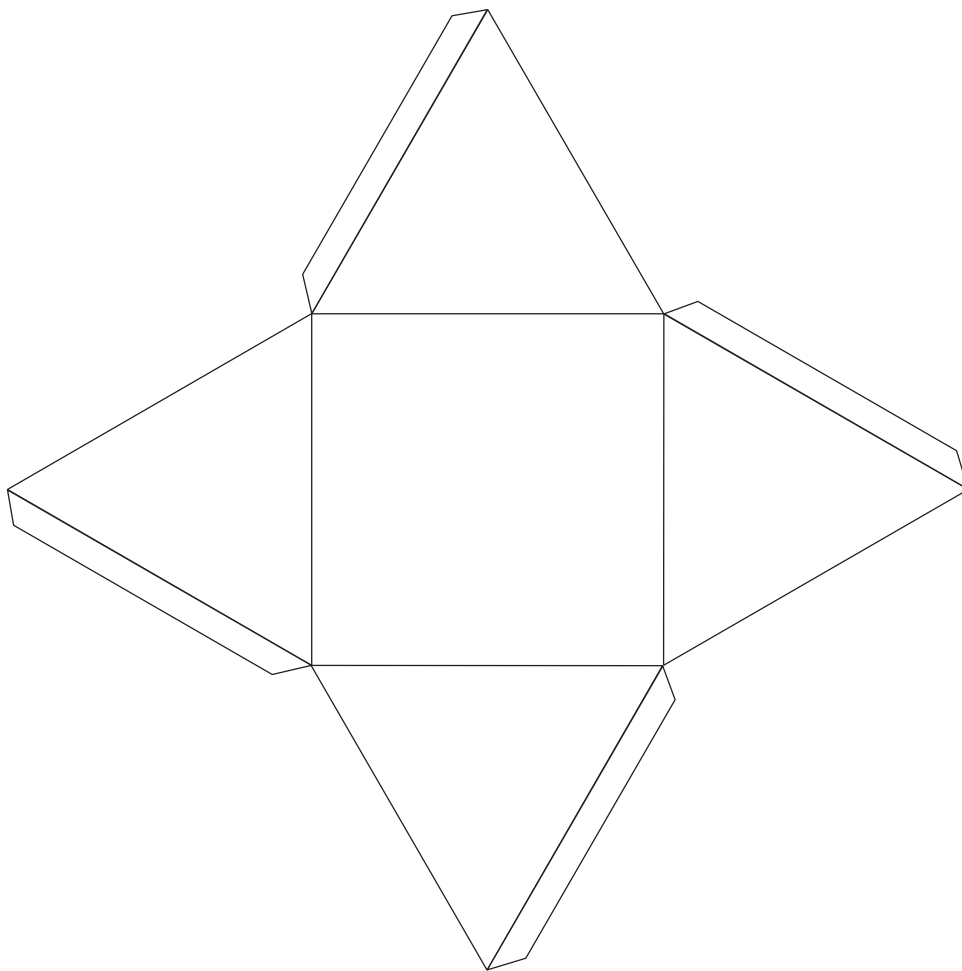
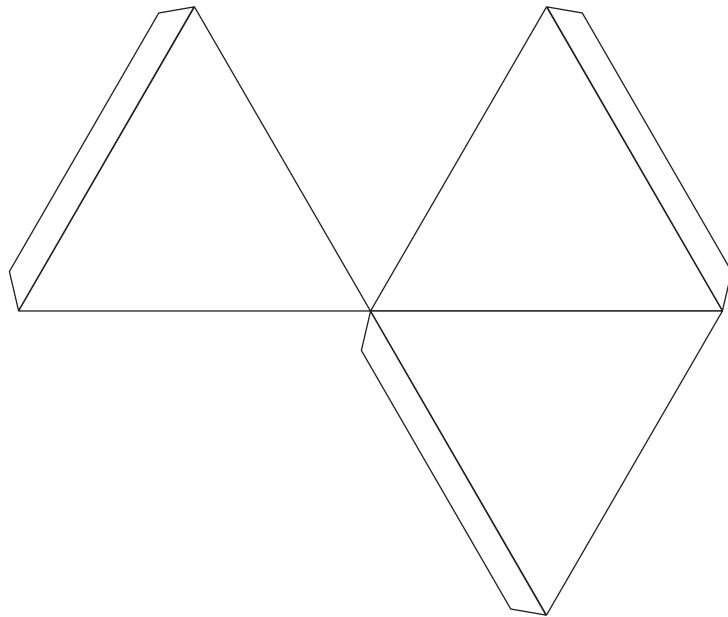
2 Nets (Lesson 33)

Dinete (Thuto ya 33)



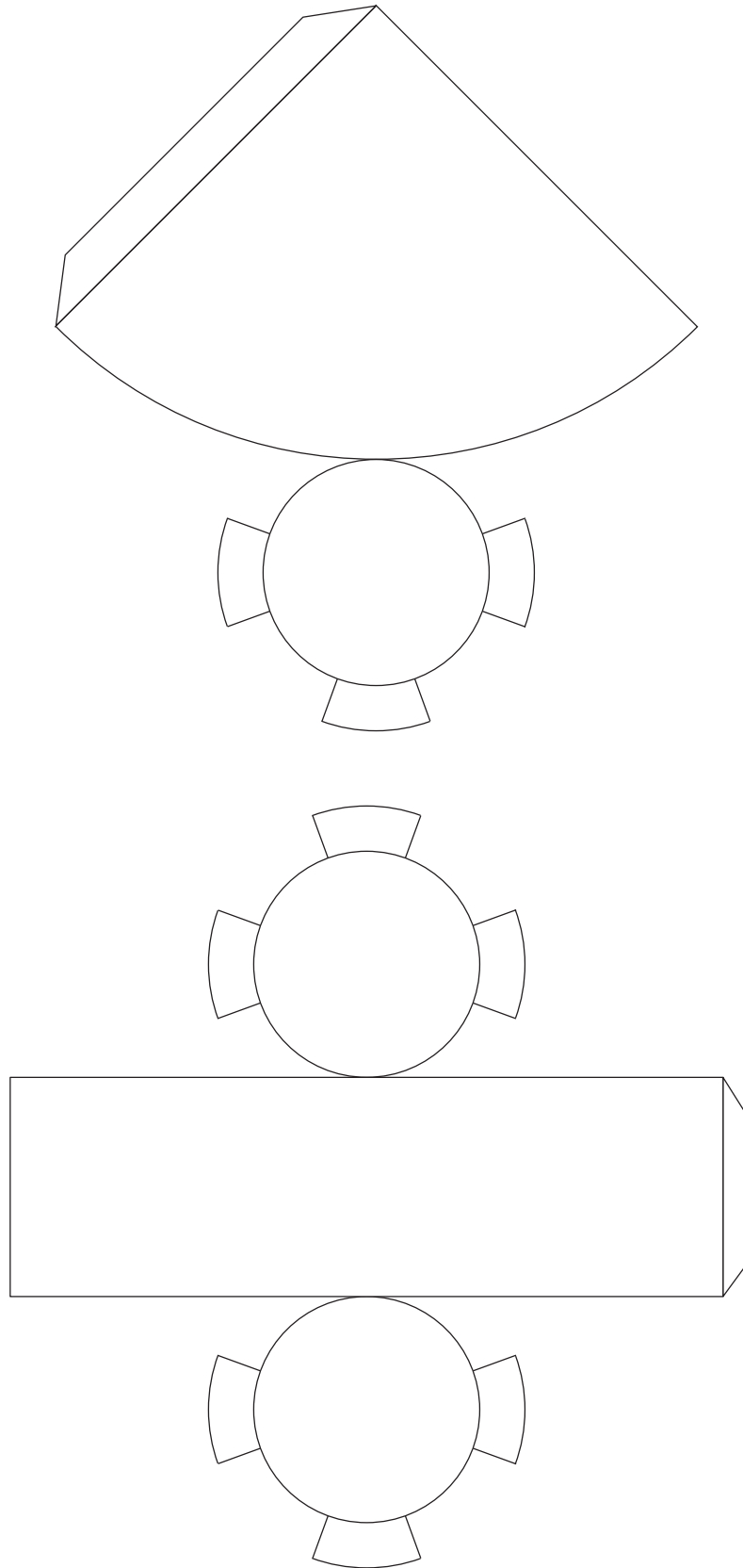
3 Nets (Lesson 33)

Dinete (Thuto ya 33)



4 Nets (Lesson 33)

Dinete (Thuto ya 33)



2 Written assessments

Dikelo tša go ngwalwa

Written Assessment Lesson 4

Kelo ya go Ngwalwa Thuto ya 4

1 Solve the problems:

Rarolla marara:

(6)

| | | |
|---|--|---|
| a | There are 24 eggs. 6 eggs fit in one box. How many boxes will we need? | Go na le mae a 24. Mae a 6 a lekanela ka lepokising le tee. Na re tla hloka mapokisi a makae? |
| | Write the number sentence. Ngwala lefokopalo. | |
| | Turn it into multiplication. Le fetošetše go katišo. | |
| | Write the answer. Ngwala karabo. | |

| | | |
|----------|--|--|
| b | There are 56 sweets. Share the sweets equally between 8 learners. How many sweets will each learner get? | Go na le malekere a 56. Abaganya malekere ka go lekana magareng ga baithuti ba 8. Na moithuti o tee o tla hwetša malekere a makae? |
| | Write the number sentence. Ngwala lefokopalo. | |
| | Turn it into multiplication. Le fetošetše go katišo. | |
| | Write the answer. Ngwala karabo. | |

2 Calculate:

Balela:

(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

Kelo ya go Ngwalwa Thuto ya 9

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

Khalara seripagare sa stripi sa palophatlo ye nngwe le ye nngwe o be o ngwale palophatlo: (6)

| | | Fraction Palophatlo |
|---|--|------------------------|
| a | | |
| b | | |
| c | | |

2 Solve the problems:

Rarolla marara:

(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 o na le dimabole tše 50. O fa mogwera wa gagwe $\frac{1}{2}$ ya dimabole tša gagwe. Na o fa mogwera wa gagwe dimabole tše kae?</p> | | |
| | <p>Draw the diagram. Thala taekramo.</p> <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Dots Marontho</td> </tr> <tr> <td style="padding: 5px;">Fractions Dipalophatlo</td> </tr> </table> | Dots Marontho | Fractions Dipalophatlo | |
| | Dots Marontho | | | |
| | Fractions Dipalophatlo | | | |
| <p>Write the number sentences to show $\frac{1}{2}$ of 50. Ngwala mafokopalo go laetša $\frac{1}{2}$ ya 50.</p> | | | | |
| <p>Write the answer. Ngwala karabo.</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>Ke na le dinamune tše 24. Ke fa buti wa ka $\frac{1}{4}$ ya tšona. Na ke fa buti wa ka dinamune tše kae?</p> |
| | <p>Draw the diagram. Thala taekramo.</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p>Dots Marontho</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Fractions Dipalophatlo</p> </div> | |
| | <p>Write the number sentences to show $\frac{1}{4}$ of R24. Ngwala mafokopalo go laetša $\frac{1}{4}$ ya R24.</p> | |
| | <p>Write the answer. Ngwala karabo.</p> | |

3 Calculate:

Balela:

(10)

a Double 30.

Pedifatšo ya 30. _____

b Halve 50.

Seripagare sa 50. _____

c $60 \div 4 =$ _____

d $60 \div 6 =$ _____

e Halve 100.

Seripagare sa 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

Kelo ya go Ngwalwa Thuto ya 14

1. Calculate:

Balela:

(4)

a $48 \div 2 = \underline{\hspace{2cm}}$

b $96 \div 3 = \underline{\hspace{2cm}}$

c $84 \div 4 = \underline{\hspace{2cm}}$

d $66 \div 6 = \underline{\hspace{2cm}}$

2 Draw dots to find the answer:

Thala marontho go hwetša karabo:

(8)

| | | Draw dots to find the answer Thala marontho go hwetša karabo | Answer Karabo |
|---|-----------------------|---|------------------|
| a | $29 \div 3 = \square$ | | |
| b | $45 \div 7 = \square$ | | |
| c | $19 \div 2 = \square$ | | |
| d | $24 \div 5 = \square$ | | |

3 Complete the table:

Feleletša tafola:

(12)

| | | Multiple Katišo | Remainder Ya go šala | Answer? Karabo? |
|---|-----------------------|--------------------|-------------------------|--------------------|
| a | $22 \div 4 = \square$ | | | |
| b | $25 \div 7 = \square$ | | | |
| c | $42 \div 8 = \square$ | | | |
| d | $39 \div 6 = \square$ | | | |

4 Calculate:

Balela:

(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

Kelo ya go Ngwalwa Thuto ya 18

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

Lekola dikarabo go marara o phošolle dipoššo moo go hlokegago: (8)

| | | Check Lekola | Corrections Dipošollo |
|---|--|-----------------|--------------------------|
| a | $17 \div 3 = 5$ remainder/go šala 1 | | |
| b | $56 \div 6 = 9$ remainder/go šala 2 | | |
| c | $39 \div 5 = 7$ remainder/go šala 3 | | |
| d | $42 \div 4 = 9$ remainder/go šala 6 | | |

2 Solve the problem:

Rarolla marara:

(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>Go na le malekere a 27. O swanetše go tšhela malekere ka mokotleng gore o a rekiše ka lebenkeleng. Na o tla hloka mekotla ye mekae?</p> | | | | | | | |
| <p>Write the number sentence with answer: Ngwala lefokopalo le karabo:</p> | | | | | | | | | |
| <p>Fill in the table: Tlatša tafola:</p> | Bags | | | | | | | | |
| | Mekotla | | | | | | | | |
| | Sweets x 4 | | | | | | | | |
| | Malekere x 4 | | | | | | | | |
| <p>How many bags will you need? Na o tla hloka mekotla ye mekae?</p> | <p>I need _____ bags and there are _____ sweets left over. Ke hloka mekotla ye _____; go na le malekere a _____ a go šala.</p> | | | | | | | | |

Written Assessment Lesson 25

Kelo ya go Ngwalwa Thuto ya 25

Answer the questions using the information in the table below:

Araba dipotšišo tšeo di latelago.

| Team Sehlopha | Number of soccer matches won Palo a dipapadi tšeo di thopilwego |
|------------------|--|
| 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.

Šomiša data ya ka gare ga tafola go thala krafo ya methalopapetla. (5)



- 2 How many matches did each of these teams win?

Na sehlopha se tee se thopile dipapadi tše kae? (5)

a Super Stars _____

- b Bright Players _____
- c Black Cats _____
- d Fast Movers _____
- e Blue Pirates _____
- 3 Who won the most matches?
Na ke sehlopha sefe seo se thopilego dipapadi tše ntši?
_____ (1)
- 4 Who won the fewest matches?
Na ke sehlopha sefe seo se thopilego dipapadi tše nnyane?
_____ (1)
- 5 Who came second?
Na ke sehlopha sefe seo se lego maamong a bobedi a go thopa?
_____ (1)
- 6 Who came second last?
Na ke sehlopha sefe seo se lego maamong a bobedi a mafelelo?
_____ (1)
- 7 What is the difference in wins between the Super Stars and Black Cats?
Na phapano ya dino ke eng magareng ga Super Stars le Black Cats?
_____ (1)
- 8 How many people were interviewed?
Na ke batho ba bakae bao ba tsenetšego dipolelotherišano?
_____ (1)

Written Assessment Lesson 30

Kelo ya go Ngwalwa Thuto ya 30

- 1 Circle the container that can hold more water.

Thala sediko go setšhelo seo se ka swarago meetse a mantši.

(1)



2



340 ml



1000 ml

(3)

- a What is the capacity of the milk carton?
Na mothamo wa setšhelo sa maswi ke eng? _____
- b What is the capacity of the Fanta can?
Na mothamo wa kotikoti ya Fanta ke eng? _____
- c Which container has the greater capacity?
Na ke sefe setšhelo seo se nago le mothamo wa godimo?

- 3 How many standard cups (250 ml) will fill:
Na go ka tlatša dikomiki tše kae tša go lekanela (250 ml): (2)
- A 1 litre container?
Setšhelo sa litere e 1? _____
 - A 500 ml container?
Setšhelo sa 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 o reka 340 ml ya coke, Vusi yena o reka 500 ml ya coke. Na ba na le dimililitere tše kae ge di hlakana?

_____ (2)
- 5 Complete:
Feleletša: (2)
- 1500 ml + 500 ml = _____ ml = _____ l

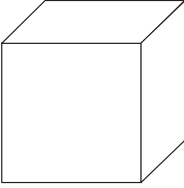
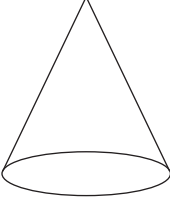

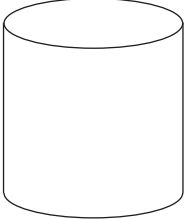
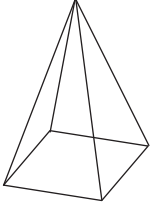
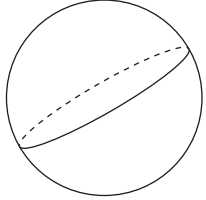
Written Assessment Lesson 34

Kelo ya go Ngwalwa Thuto ya 34

Complete the following table:

Feleletša tafola ye e latelago:

(18)

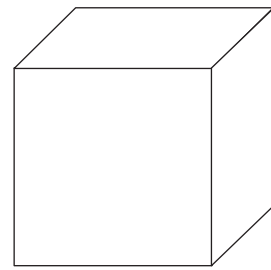
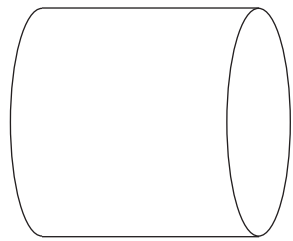
| Object Selo | Name Leina | Can it roll? Na se ka kgokologa? | Can it slide? Na se ka thelela? |
|---|---------------|--|------------------------------------|
|  | | | |
|  | | | |
|  | | | |
|  | | | |
|  | | | |
|  | | | |

Written Assessment Lesson 37

Kelo ya go Ngwalwa Thuto ya 37

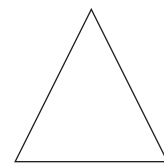
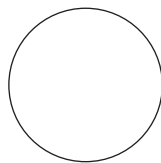
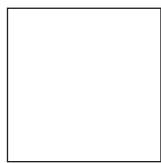
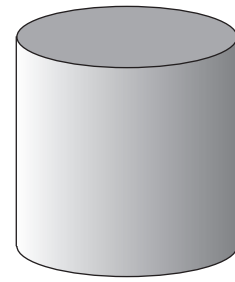
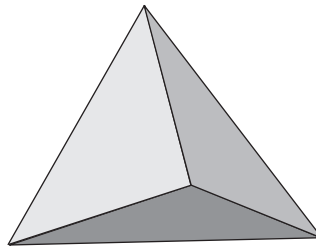
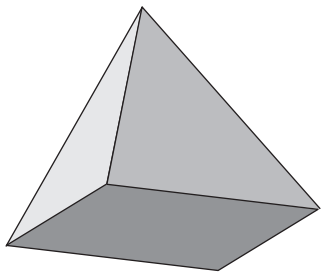
- 1 Circle the object that can slide and then draw a cross over the object that can roll and slide.

Thala sediko go selo seo se ka thelelago o be o thale sefapano godimo ga selo seo se ka kgokologago le go thelela. (2)



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

Thala methalo go nyalanya botlase bja dilo tša mahlakore- 3 le dibopego tša mahlakore-2. (3)

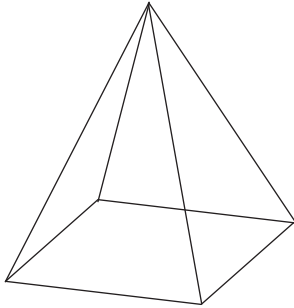


2 Written assessments

3 Draw the shapes that make up this pyramid:

Thala diboepgo tša go dira phiramiti ye:

(3)



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

Thala selo se tee sa bokagodimo bja phaphathi le se tee sa bokagodimo bja go kgopama. (2)

| Flat surface | Curved surface |
|--------------------------|---------------------------|
| Bokagodimo bja phaphathi | Bokagodimo bja go kgopama |