



**Blouberg Ridge Primary School**  
**Grade 5**  
**Mathematics Paper 2**  
**Final Examination Paper 2019**

Question One: Choose the correct answer.

[3]

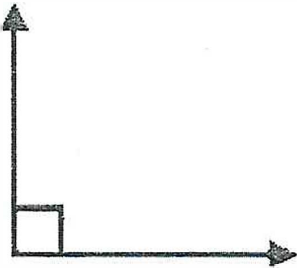
1.1) How many lines of symmetry does a square have?

(1)

- A) 2
- B) 4
- C) 6
- D) 8

1.2 What do we call this angle?

(1)



- A) Right angle
- B) Acute angle
- C) Obtuse angle
- D) Reflex angle

1.3 What do we call a shape with 7 sides?

(1)

- A) Heptagon
- B) Octagon
- C) Pentagon
- D) Hexagon

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Question Two: Data Handling

[6]

The following graph represents some Grade 5 learners' heights in cm. Only learners with a height above 110cm were allowed on the Rocket Launcher. Study the graph and answer the questions that follow.



- 2.1) Which learner is the tallest? \_\_\_\_\_ (1)
- 2.2) Convert the shortest learner's height to mm: \_\_\_\_\_ (1)
- 2.3) What is the difference in height between the tallest and shortest learner? \_\_\_\_\_ (2)

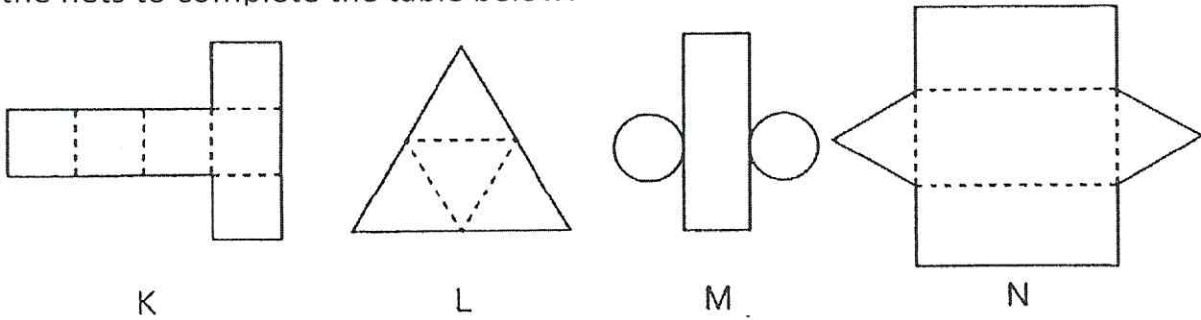
- 2.4) Which learner's height is equal to 1,5 meters? \_\_\_\_\_ (1)
- 2.5) State the mode of the graph: \_\_\_\_\_ (1)

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**Question Three: 2D Shapes and 3D Objects**

[3]

Use the nets to complete the table below:

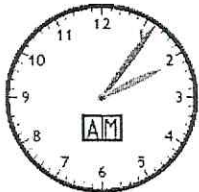
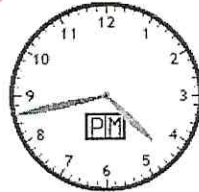
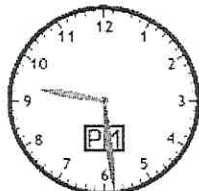
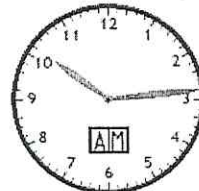


Object	Matching net
3.1 Cube	
3.2 Triangular prism	
3.3 Triangular-based pyramid	

**Question Four: Time**

[3]

Look at the example. Complete the table by writing the time shown on the clocks and filling in the elapsed time.

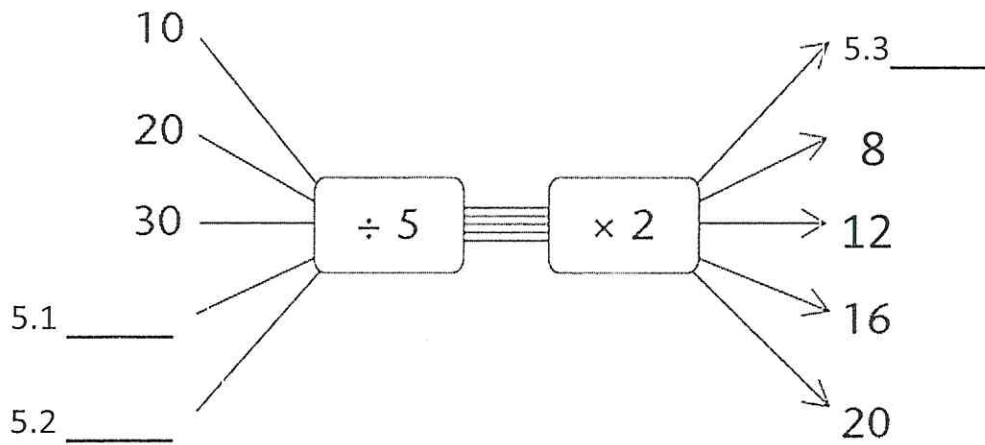
Start Time	End Time	Elapsed Time
 <u>2:06 am</u>	 <u>4:43 pm</u>	<u>14 hours and 37 minutes</u>
 _____	 _____	_____

\_\_\_\_\_/6

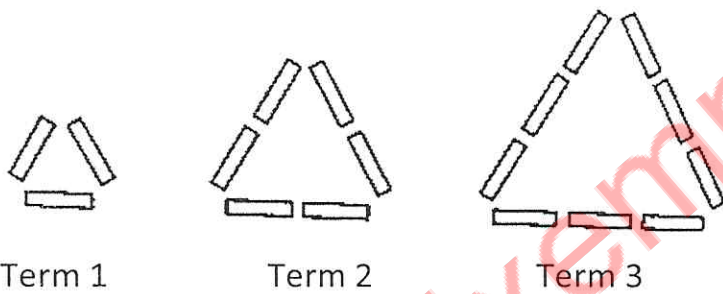
**Question Five: Patterns**

[6]

Complete the flow diagram.



Look at the pattern and complete the table below.



Term number	1	2	3	4	5	20
Number of matches	3	6	9	12	5.4 ____	5.5 ____

What is the rule that you need to apply to work out the number of matches needed for Term 20? \_\_\_\_\_

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**Question Six: Conversions**

[3]

Covert the following measurements into the units that are indicated.

6.1)  $2,5 \text{ l} = \underline{\hspace{2cm}} \text{ ml}$

6.2)  $190 \text{ cm} = \underline{\hspace{1cm}} \text{ m} \underline{\hspace{1cm}} \text{ cm}$

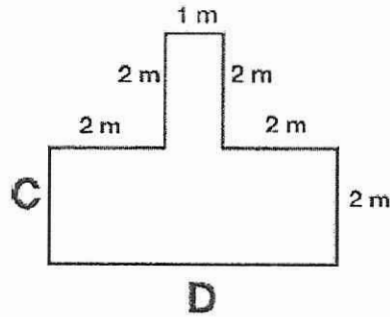
6.3)  $10\,750 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

**Question Seven: Perimeter, Area and Volume**

[3]

7.1) Calculate the perimeter of the following shape:

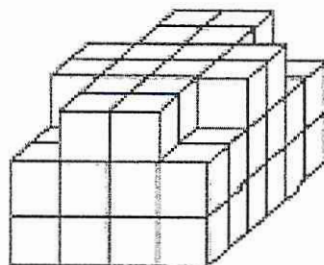
(2)



Blank area for the answer to question 7.1.

7.2) Calculate the volume of the following shape:

(1)



Blank area for the answer to question 7.2.

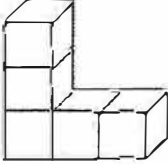
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**Eight: Viewing Objects**

[1]

Draw the front view of the given 3-D objects

Side View	Front View
	

**Question Nine: Word Problems**

[2]

Mr Bester wants to put up a fence around a square patch of dry grass on the field. If the perimeter of this square patch is 160m, what is the length of one side of the patch. Show your calculation.

Exemplar

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