



Blouberg Ridge Primary School

Grade 5

Mathematics Paper 2

Final Examination Paper 2019

Marking Guidelines

Question One: Choose the correct answer.

[3]

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

(KQ)

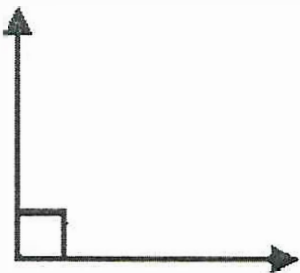
(1)

- A) 2
- B) 4 ✓**
- C) 6
- D) 8

1.2 What do we call this angle?

(KQ)

(1)



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

1.3 What do we call a shape with 7 sides?

(KQ)

(1)

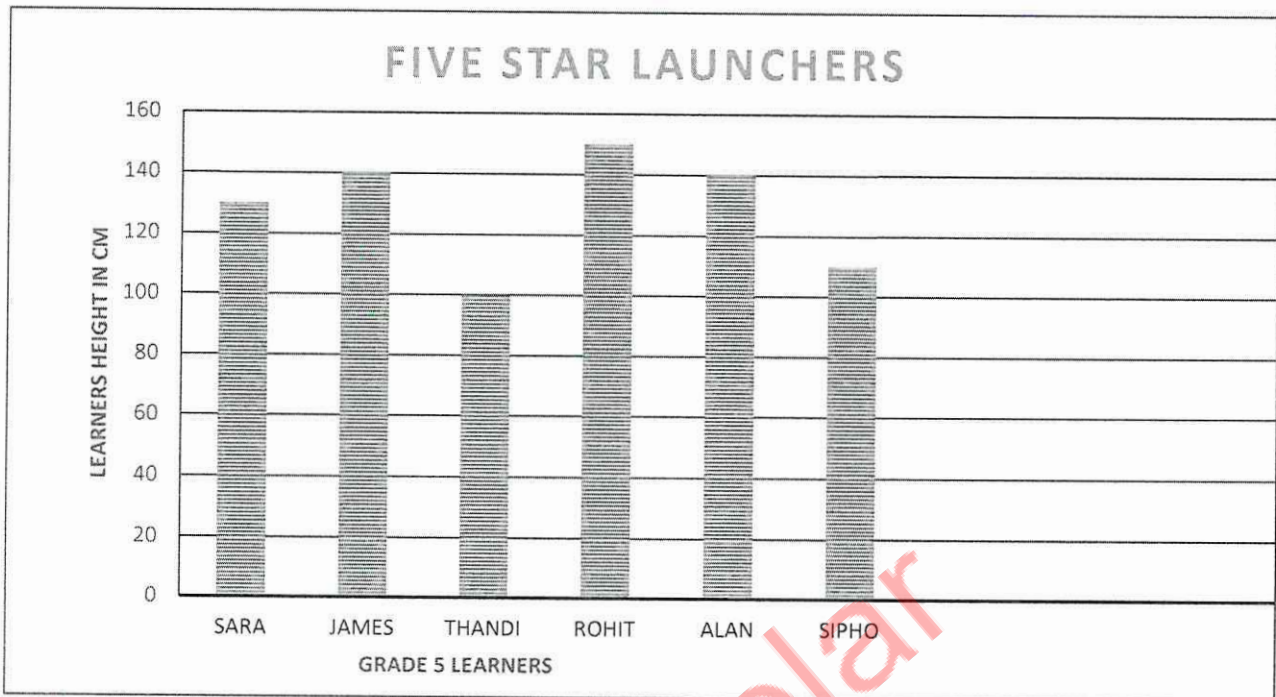
- A) Heptagon ✓**
- B) Octagon
- C) Pentagon
- D) Hexagon

[3]

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? **Rohit ✓ (PS)** (1)
- 2.2) Convert the shortest learner's height to mm. **1000 mm ✓ (RP)** (1)
- 2.3) What is the difference in height between the tallest and shortest learner? **(RP)** (2)

50 ✓ cm ✓

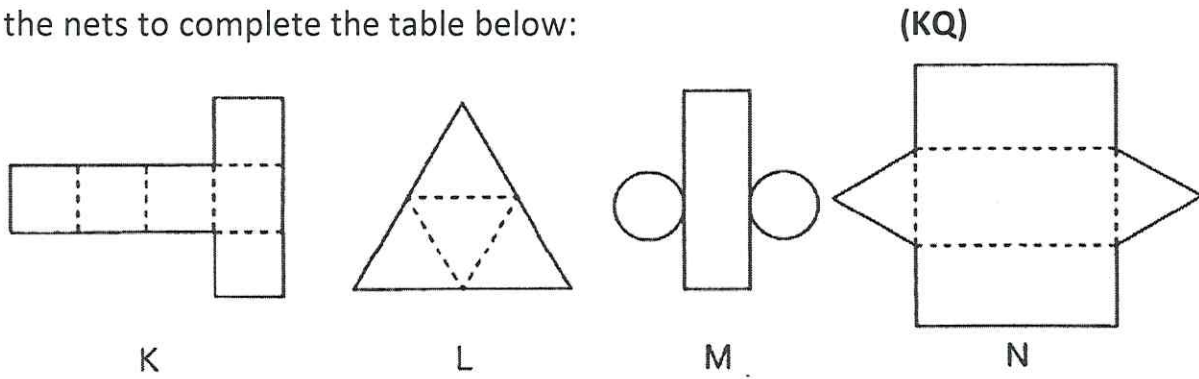
- 2.4) Which learner's height is equal to 1,5 meters? **Rohit ✓ (CP)** (1)
- 2.5) State the mode of the graph. **140 cm ✓ (RP)** (1)

[6]

Question Three: 2D Shapes and 3D Objects

[3]

Use the nets to complete the table below:



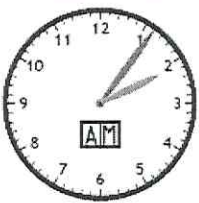
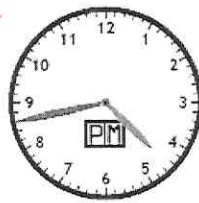
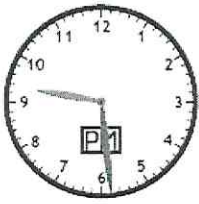
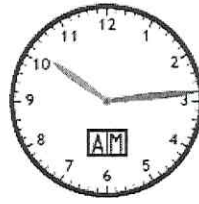
Object	Matching net
3.1 Cube	K ✓
3.2 Triangular prism	N ✓
3.3 Triangular-based pyramid	L ✓

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.

(CP)

Start Time	End Time	Elapsed Time
 <u>2:06 am</u>	 <u>4:43 pm</u>	<u>14 hours and 37 minutes</u>
 <div style="border: 1px solid black; padding: 5px; display: inline-block;">9:29 PM ✓</div>	 <div style="border: 1px solid black; padding: 5px; display: inline-block;">10:14 AM ✓</div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;">12 h 45 min ✓</div>

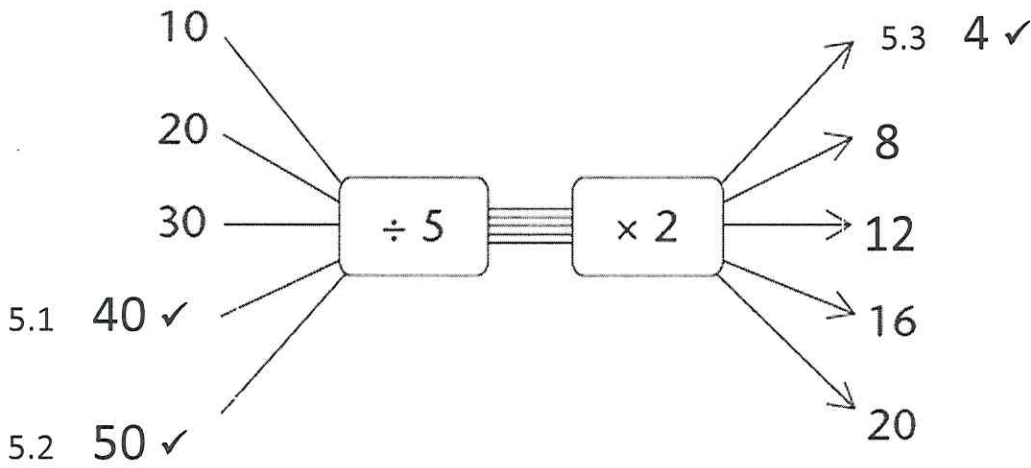
[6]

Question Five: Patterns

[6]

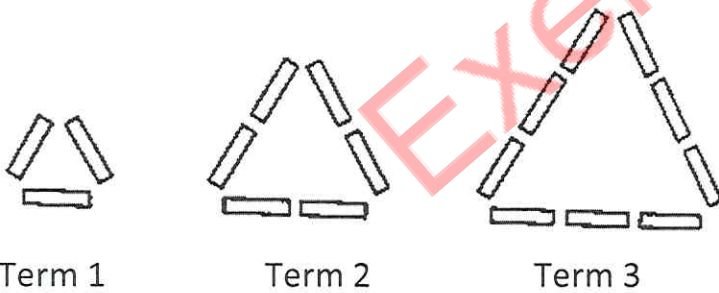
Complete the flow diagram. (RP)

(3)



Look at the pattern and complete the table below. (RP)

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 15 ✓	5.5 60 ✓

What is the rule that you need to apply to work out Term 20? **Term number X 3 ✓**

[6]

Question Six: Conversions

[3]

Covert the following measurements into the units that are indicated. (RP)

6.1) $2,5 \ell = 2\,500 \text{ ml}$

6.2) $190 \text{ cm} = 1\text{m } 90\text{cm}$ ✓

✓ 6.3) $10\,750\text{g} =$

$10.07 / 10^{\frac{3}{4}} \text{ kg}$ ✓

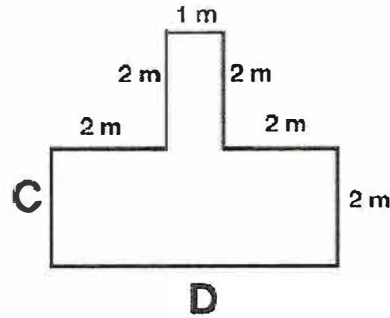
Question Seven: Perimeter, Area and Volume

(KQ; CP)

[3]

7.1) Calculate the perimeter of the following shape:

(2)



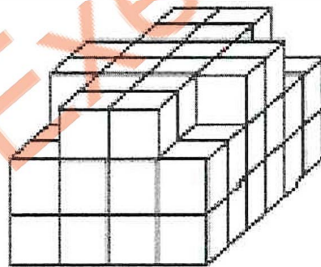
$C = 2\text{m}$ and $D = 5\text{m}$ ✓

18 m ✓

7.2) Calculate the volume of the following shape:

(KQ)

(1)



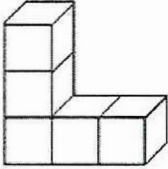
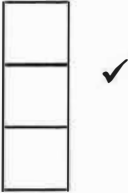
64 cubic units ✓

[6]

Question Eight: Viewing Objects**[1]**

Draw the front view of the given 3D object.

(PS)**(1)**

Side View	Front View
	

Question Nine: Word Problem**(PS)****[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.

$160\text{m} \div 4 \checkmark = 40\text{m} \checkmark$

Exemplar

[3]