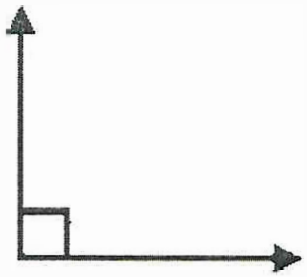
Blouberg Ridge Primary School
Grade 5
Mathematics Paper 2
Final Examination Paper 2019
Marking Guidelines

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

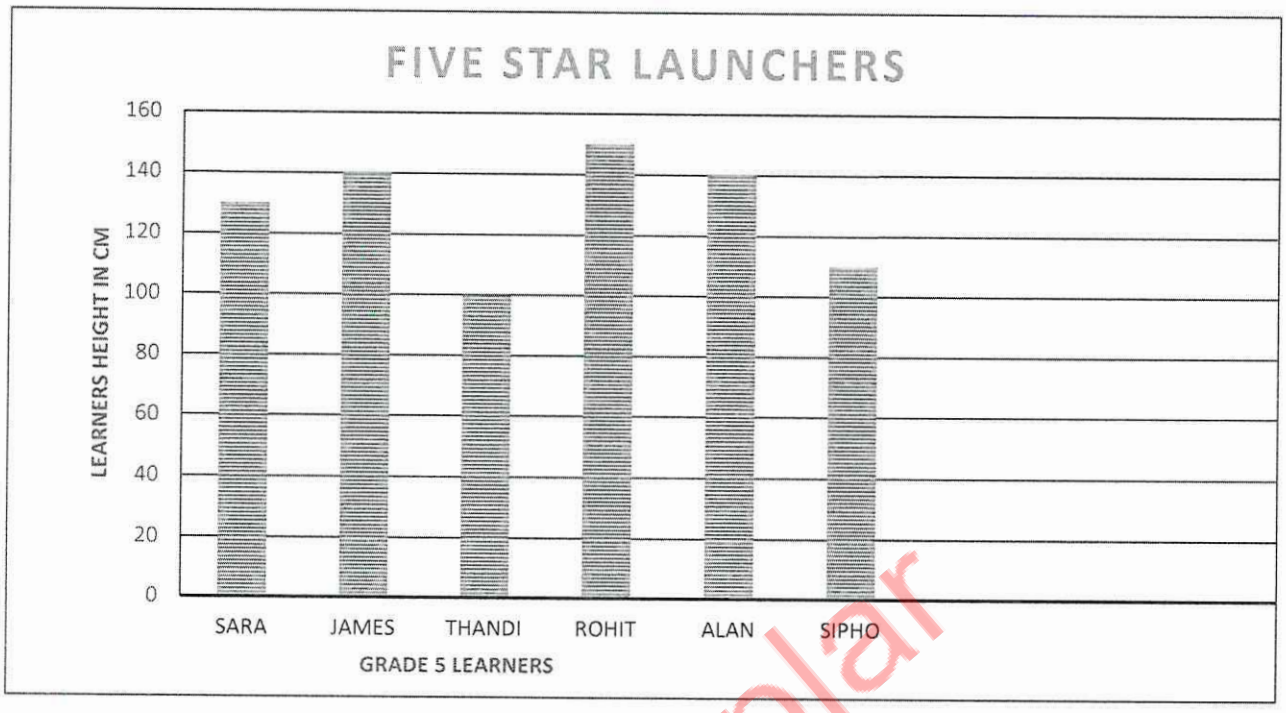
1.3 What do we call a shape with 7 sides? **(KQ)** (1)

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 ✓

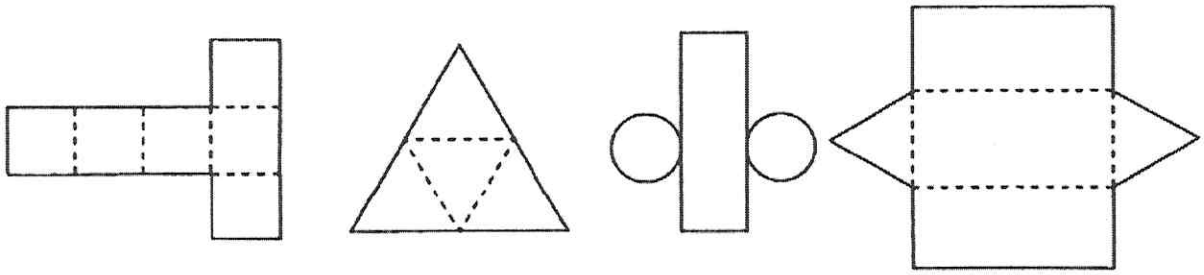
2.4) Which learner's height is equal to 1,5 meters? **Rohit ✓** **(CP)** (1)

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: **(KQ)**

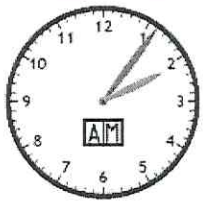
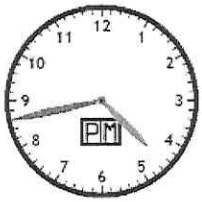
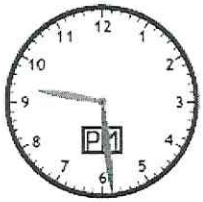
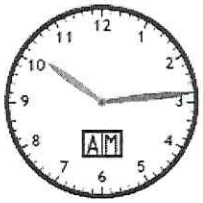


K L M N

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

Question Four: Time [3]

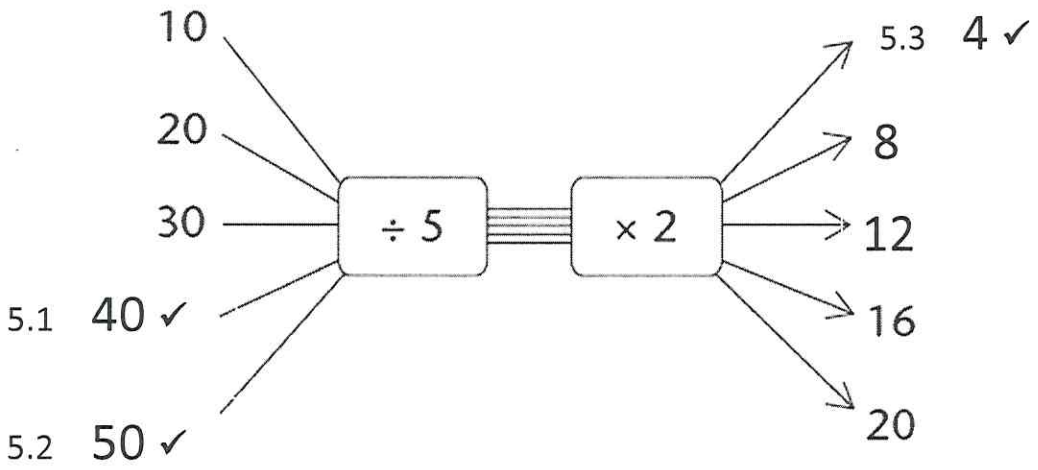
Look at the example. Complete the table by writing the time shown on the clocks and filling in the elapsed time. **(CP)**

Start Time	End Time	Elapsed Time
 2:06 am	 4:43 pm	14 hours and 37 minutes
 9:29 PM ✓	 10:14 AM ✓	12 h 45 min ✓

[6]

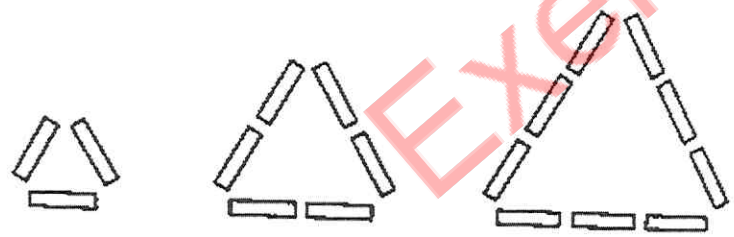
Question Five: Patterns **[6]**

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 1 Term 2 Term 3

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 ℓ = 2 500 mℓ

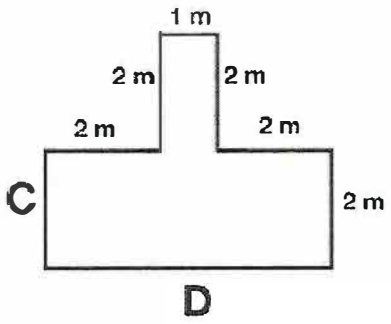
6.2) 190 cm = 1m 90cm ✓

✓ 6.3) 10 750g =

10.07 /10 $\frac{3}{4}$ kg ✓

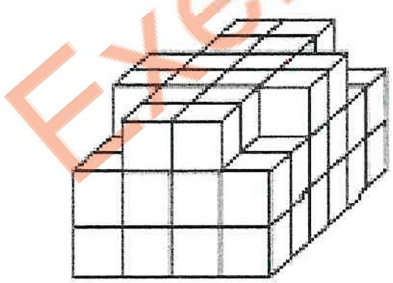
Question Seven: Perimeter, Area and Volume **(KQ; CP)** **[3]**

7.1) Calculate the perimeter of the following shape: (2)



C = 2m and D = 5m ✓
18 m ✓

7.2) Calculate the volume of the following shape: **(KQ)** (1)

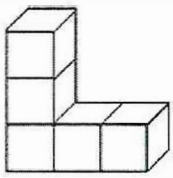
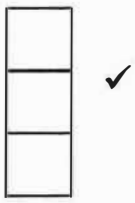


64 cubic units ✓

[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.

160m ÷ 4 ✓ = 40m ✓

[3]