

**GRADE 7 MATHEMATICS
 NOVEMBER EXAMINATION PAPER 2**

QUESTION 1

Choose and circle the correct answer.

1.1 Which statement is true about a rhombus? (1)

- A opposite angles are congruent.
- B adjacent angles are equal.
- C all angles are equal.
- D none of the above.

1.2 If a quadrilateral base angles of the following sizes, 53° , 126° , 42° , what would the size of the last angle be? (1)

- A 180°
- B 129°
- C 130°
- D 90°

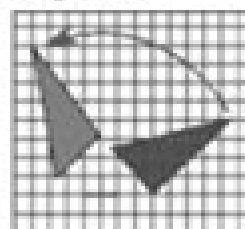
1.3 The correct formula for calculating the perimeter of a triangle would be: (1)

- A $\frac{1}{2}b \times h$
- B $l \times b$
- C $l + b$
- D $s + s + s$

1.4 The theorem of Pythagoras states: (1)

- A Right side = Hypotenuse + Right side
- B Hypotenuse = Right side + Right side
- C Hypotenuse = Right side² + Right side²
- D Hypotenuse = $\sqrt{\text{Right side}^2 + \text{Right side}^2}$

1.5 Identify the transformation in the diagram below: (1)



- A translation
- B reflection
- C rotation
- D none of the above.

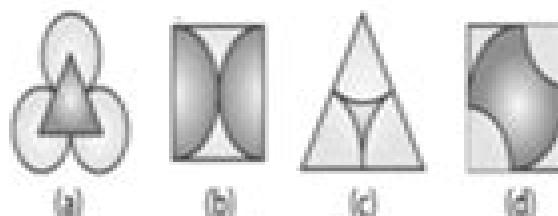
1.6 What would the area of a square with sides of 6 units be? (1)

- A 36units^2
- B 36units
- C 12units^2
- D 12units

6 x 1 = 6

QUESTION 2

Draw the symmetry lines on the following diagrams:



4 x 1 = 4

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