

## Math Assignment for Year 7

Date: 16/05/2022

**Read the instruction carefully before attempting.**

**Instruction:** Write the correct option in the space provided. Ensure to write the right option with small letters. For question 7, write the correct answer only.

1. If the width of a rectangle is the equal to the length of a square and the rectangle measures 6cm by 4cm. What is the perimeter of the square?

- (a) 26cm
- (b) 16cm
- (c) 24cm
- (d) 36cm
- (e) 10cm

2. What is the difference in the perimeter of the rectangle and the square in question above?

- (a) 4cm
- (b) 6cm
- (c) 8cm
- (d) 2cm
- (e) 12cm

3. What is the volume of a cube of edge 5cm.

- (a) 15cm<sup>3</sup>
- (b) 75cm<sup>3</sup>
- (c) 125cm<sup>3</sup>
- (d) 25cm<sup>3</sup>
- (e) 35cm<sup>3</sup>

4. Two sides of an isosceles triangle are 3cm and 10cm. What must be the length of the third side?

- (a) 10cm
- (b) 6cm
- (c) 4cm
- (d) 8cm
- (e) 30cm

5. The diameter of a circle is 13.8cm long. Find the length of its radius

- (a) 27.6cm
- (b) 7.6cm
- (c) 6.9cm

- (d) 6.4cm
- (e) 7.4cm

6. The volume of a cube is given as  $512\text{cm}^3$ . What is the length of one edge of the cube?

- (a) 10cm
- (b) 6cm
- (c) 4cm
- (d) 8cm
- (e) 5cm

7. The diameter of a car wheel is 28cm, find its circumference. How far does the car move in metres when the wheel makes 150 turns?

cm