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) $15cm^3$
(b) $75cm^3$
(c) $125cm^3$
(d) $25cm^3$
(e) $35cm^3$

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

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(d) 6.4cm
(e) 7.4cm

6. The volume of a cube is given as $512cm^3$. 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

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