



Area, Perimeter & Volume

Silver

These Silver questions extend area, perimeter and volume to compound shapes and missing measurements.

Name: _____ Date: _____

Section A: Area & Perimeter

1. A triangle has a base of 12cm and a height of 7cm. What is its area?

2. A parallelogram has a base of 15cm and a height of 6cm. What is its area?

3. A rectangle has an area of 48cm^2 and a length of 8cm. What is its width?

4. A compound shape is made of a $8\text{cm} \times 5\text{cm}$ rectangle and a $4\text{cm} \times 3\text{cm}$ triangle. What is the total area?

5. A rectangle has a perimeter of 36cm. If its length is 12cm, what is its width?

Section B: Volume

1. A cuboid is $6\text{cm} \times 4\text{cm} \times 3\text{cm}$. What is its volume?

2. A cube has a volume of 27cm^3 . What is the length of each side?

3. A cuboid has a volume of 120cm^3 and a base area of 20cm^2 . What is its height?

4. A fish tank is $40\text{cm} \times 25\text{cm} \times 30\text{cm}$. What is its volume in cm^3 ?

5. Convert $2,000\text{cm}^3$ into litres ($1 \text{ litre} = 1,000\text{cm}^3$).

