



Area, Perimeter & Volume

Bronze

These questions cover calculating the area of triangles and parallelograms, and the volume of cuboids - part of the Year 6 curriculum.

Name: _____ Date: _____

Section A: Area

1. A triangle has a base of 8cm and a height of 5cm. What is its area?

2. A parallelogram has a base of 10cm and a height of 4cm. What is its area?

3. A rectangle is 12cm by 7cm. What is its area?

4. A compound shape is made of a 6cm × 4cm rectangle and a 3cm × 4cm rectangle. What is the total area?

5. If a square has an area of 49cm², how long is each side?

Section B: Volume

1. A cuboid is 4cm × 3cm × 2cm. What is its volume?

2. A cube has sides of 5cm. What is its volume?

3. A box is 10cm long, 6cm wide, and 4cm high. What is its volume?

4. What units are usually used to measure volume?

5. If a cuboid has a volume of 60cm³ and a base area of 12cm², what is its height?

