Area, Perimeter & Volume: Easy Practice Paper 1 Answers

Q#	Answer	Explanation
1	D	Area of a rectangle is length × width, so 8 × 5 = 40 cm².
2	C	Perimeter is the distance all the way round: 7 + 3 + 7 + 3 = 20 cm.
3	C	A square has 4 equal sides, so the perimeter is 4 × 6 = 24 cm.
4	D	Area of a square is side × side, so 9 × 9 = 81 cm².
5	D	Multiply the two side lengths: 10 × 4 = 40 cm².
6	C	Volume of a cuboid is length × width × height, so 3 × 2 × 4 = 24 cm³.
7	B	Area is measured in square units, so square centimetres (cm²) is correct. Plain cm measures length and cm³ measures volume.
8	B	Length is area divided by width: 24 ÷ 4 = 6 cm.
9	C	Perimeter is 12 + 8 + 12 + 8 = 40 m. You can also work out 2 × (12 + 8) = 40 m.
10	C	Each small square covers 1 cm², so 12 of them cover 12 cm².
11	C	All the edges of a cube are equal, so the volume is 3 × 3 × 3 = 27 cm³.
12	C	The squares fit in 4 rows of 6, which is 4 × 6 = 24 squares. This is the same as the area, 24 cm².
13	B	A square has 4 equal sides, so each side is 20 ÷ 4 = 5 cm.
14	C	Multiply the three measurements: 5 × 2 × 2 = 20 cm³.
15	D	Volume is the space inside a solid shape and is measured in cubic units, so cubic centimetres (cm³) is correct.

myfreeschool