# Multiple choice questions - Converting units, area, perimeter and volume

Year: Year 6 · 10

**Question 1** How many centimetres are there in 4.2 m?

- ◯ **A.** 42
- ◯ **B.** 420
- ◯ **C.** 4 200
- ◯ **D.** 0.042

**Question 2** 3 500 ml is the same as how many litres?

- ◯ **A.** 35
- ◯ **B.** 0.35
- ◯ **C.** 3.5
- ◯ **D.** 350

**Question 3** What is the area of a triangle with a base of 10 cm and a height of 7 cm?

- ◯ **A.** 70 cm squared
- ◯ **B.** 35 cm squared
- ◯ **C.** 17 cm squared
- ◯ **D.** 34 cm squared

**Question 4** What is the area of a parallelogram with a base of 6 cm and a height of 4 cm?

- ◯ **A.** 10 cm squared
- ◯ **B.** 20 cm squared
- ◯ **C.** 24 cm squared
- ◯ **D.** 12 cm squared

**Question 5** What is the volume of a cuboid 4 cm by 3 cm by 2 cm?

- ◯ **A.** 9 cm cubed
- ◯ **B.** 12 cm cubed
- ◯ **C.** 24 cm cubed
- ◯ **D.** 14 cm cubed

**Question 6** How many cm cubed are there in 2 litres?

- ◯ **A.** 200
- ◯ **B.** 2 000

- ◯ **C.** 20 000
- ◯ **D.** 20

**Question 7** What is the perimeter of a square with sides of 9 cm?

- ◯ **A.** 18 cm
- ◯ **B.** 81 cm
- ◯ **C.** 36 cm
- ◯ **D.** 27 cm

**Question 8** 5 miles is about 8 km. About how far is 10 miles?

- ◯ **A.** 13 km
- ◯ **B.** 16 km
- ◯ **C.** 18 km
- ◯ **D.** 80 km

**Question 9** How many grams are there in 2.5 kg?

- ◯ **A.** 25
- ◯ **B.** 250
- ◯ **C.** 2 500
- ◯ **D.** 25 000

**Question 10** Which unit is used to measure volume?

- ◯ **A.** cm
- ◯ **B.** cm squared
- ◯ **C.** cm cubed
- ◯ **D.** kg

# Answer grid - Converting units, area, perimeter and volume

Year: Year 6

| Question | Answer | Explanation |
|---|---|---|
| 1 | **B** | 4.2 x 100 = 420. |
| 2 | **C** | 3 500 ÷ 1 000 = 3.5. |
| 3 | **B** | 10 x 7 ÷ 2 = 35. |
| 4 | **C** | 6 x 4 = 24. |
| 5 | **C** | 4 x 3 x 2 = 24. |
| 6 | **B** | 1 litre = 1 000 cm cubed. |
| 7 | **C** | 4 x 9 = 36. |
| 8 | **B** | Double 8 km. |
| 9 | **C** | 2.5 x 1 000 = 2 500. |
| 10 | **C** | Volume is measured in cubic units. |