Multiple choice questions - Metric and imperial units, perimeter, area and volume

Year: Year 5 · 10

Question 1 How many millimetres are in 1 metre?

- ◯ **A.** 1000
- ◯ **B.** 100
- ◯ **C.** 10
- ◯ **D.** 10 000

Question 2 What is 2.5 kg in grams?

- ◯ **A.** 250 g
- ◯ **B.** 2500 g
- ◯ **C.** 25 g
- ◯ **D.** 25 000 g

Question 3 What is 600 ml in litres?

- ◯ **A.** 6 litres
- ◯ **B.** 60 litres
- ◯ **C.** 0.6 litres
- ◯ **D.** 0.06 litres

Question 4 About how many centimetres is 10 inches?

- ◯ **A.** 4 cm
- ◯ **B.** 10 cm
- ◯ **C.** 250 cm
- ◯ **D.** 25 cm

Question 5 What is the perimeter of a rectangle 7 cm by 3 cm?

- ◯ **A.** 20 cm
- ◯ **B.** 21 cm
- ◯ **C.** 10 cm
- ◯ **D.** 14 cm

Question 6 What is the area of a rectangle 7 cm by 3 cm?

- ◯ **A.** 20 cm^2

- ◯ **B.** 21 cm^2
- ◯ **C.** 10 cm^2
- ◯ **D.** 21 cm

Question 7 Which is the best estimate of the height of a door?

- ◯ **A.** 20 cm
- ◯ **B.** 200 m
- ◯ **C.** 2 m
- ◯ **D.** 2 km

Question 8 About how many km is 10 miles?

- ◯ **A.** 6 km
- ◯ **B.** 1.6 km
- ◯ **C.** 100 km
- ◯ **D.** 16 km

Question 9 A cuboid is 4 cubes by 3 cubes by 2 cubes. What is its volume?

- ◯ **A.** 24 cm^3
- ◯ **B.** 9 cm^3
- ◯ **C.** 12 cm^3
- ◯ **D.** 24 cm^2

Question 10 A square has an area of 25 cm^2. What is its perimeter?

- ◯ **A.** 10 cm
- ◯ **B.** 20 cm
- ◯ **C.** 5 cm
- ◯ **D.** 25 cm

Answer grid - Metric and imperial units, perimeter, area and volume

Year: Year 5

Question	Answer	Explanation
1	**A**	10 mm in a cm and 100 cm in a m.
2	**B**	x 1000.
3	**C**	÷ 1000.
4	**D**	10 x 2.5.
5	**A**	7 + 3 + 7 + 3.
6	**B**	7 x 3.
7	**C**	A door is about 2 metres tall.
8	**D**	10 x 1.6.
9	**A**	4 x 3 x 2.
10	**B**	Side 5 cm, so 4 x 5 = 20.