Measurement: Units & Conversion: Medium Practice Paper 6

Q1. The table shows three lengths written in different units. Which value should replace the question mark?

Length	mm	cm	m
A	50	5	0.05
B	250	25	0.25
C	1,200	120	?

A. 0.12 *B.* 1.2 *C.* 12 *D.* 120 *E.* 1,200

Q2. Use the same table. How much longer is length C than length B, in centimetres?

Length	mm	cm	m
A	50	5	0.05
B	250	25	0.25
C	1,200	120	?

A. 9.5 cm *B.* 85 cm *C.* 95 cm *D.* 105 cm *E.* 950 cm

Q3. Which of these masses is the heaviest?

A. 0.45 kg *B.* 405 g *C.* 4,500 mg *D.* 0.05 kg *E.* 45 g

Q4. How many milligrams are there in 1 gram?

A. 10 *B.* 100 *C.* 1,000 *D.* 10,000 *E.* 1,000,000

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Q5. Convert 0.07 km to centimetres.

A. 70 cm

B. 700 cm

C. 7,000 cm

D. 70,000 cm

E. 700,000 cm

Q6. A water tank has a volume of 2 m^3. How many litres does it hold? (1 m^3 = 1,000 litres)

A. 20 litres

B. 200 litres

C. 2,000 litres

D. 20,000 litres

E. 200,000 litres

Q7. A jug holds 750 cm^3 of water. How many millilitres is that? (1 cm^3 = 1 ml)

A. 7.5 ml *B.* 75 ml *C.* 750 ml *D.* 7,500 ml *E.* 75,000 ml

Q8. Which of these is the best estimate for the height of a normal door?

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

Q9. What is 3 m − 145 cm, written in centimetres?

A. 125 cm *B.* 135 cm *C.* 145 cm *D.* 155 cm *E.* 175 cm

Q10. A plank is 2.47 m long. What is this rounded to the nearest 10 cm?

A. 2.4 m *B.* 2.45 m *C.* 2.5 m *D.* 2.7 m *E.* 3 m

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Q11. Which of these is the smallest amount of liquid?

A. 0.4 litres

B. 450 ml

C. 0.05 litres

D. 4,000 ml

E. 40 ml

Q12. A lorry weighs 3,750 kg. What is this in tonnes?

A. 0.375 tonnes

B. 3.75 tonnes

C. 37.5 tonnes

D. 375 tonnes

E. 3,750 tonnes

Q13. How many 20 cm lengths can be cut from a piece of wood 4.6 m long?

A. 20 *B.* 23 *C.* 26 *D.* 46 *E.* 230

Q14. Twelve tins each weigh 425 g. What is their total mass in kilograms?

A. 4.25 kg *B.* 5.1 kg *C.* 5.4 kg *D.* 51 kg *E.* 510 kg

Q15. A drink costs £1.35. How many can be bought with £10, and how much change is left?

A. 6 drinks, £1.90 change

B. 7 drinks, 45p change

C. 7 drinks, 55p change

D. 8 drinks, 20p change

E. 8 drinks, 80p change

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