Measurement: Units & Conversion: Medium Practice Paper 3 Answers

Q#	Answer	Explanation
1	C	Multiply by 1,000: 0.75 × 1,000 = 750 m, which is three quarters of a kilometre.
2	B	5 litres is 5,000 ml and 1.75 litres is 1,750 ml, so 5,000 − 1,750 = 3,250 ml.
3	C	2.4 litres is 2,400 ml, and 2,400 ÷ 200 = 12 cups.
4	C	3 m is 300 cm. Six pieces use 6 × 45 = 270 cm, leaving 30 cm, which is not enough for a seventh piece.
5	B	Divide by 1,000: 950 ÷ 1,000 = 0.95 kg, which is just under 1 kg.
6	D	Adding 2 hours gives 21:40, and 35 more minutes gives 22:15.
7	A	Change them all to millilitres: 380, 400, 420, 450 and 500 ml. The smallest is 0.38 l, which is 380 ml.
8	B	Speed is distance divided by time: 12 ÷ 3 = 4 km/h.
9	B	1.75 m is 175 cm, and 175 − 90 = 85 cm.
10	C	8 × 1.25 = 10 kg. It helps to see that four bags make 5 kg, so eight bags make 10 kg.
11	C	From 13:48 to 15:48 would be 120 minutes, but the finish is 36 minutes earlier, so 120 − 36 = 84 minutes.
12	C	Divide by 1,000: 2,500 ÷ 1,000 = 2.5 litres.
13	D	0.25 m is 25 cm, and a square has 4 equal sides, so the perimeter is 4 × 25 = 100 cm.
14	D	Multiply by 1.75: 4 × 1.75 = 7 pints.
15	C	250 km is two and a half lots of 100 km, so the fuel used is 2.5 × 6 = 15 litres.

myfreeschool