Measurement: Units & Conversion: Medium Practice Paper 4 Answers

Q#	Answer	Explanation
1	C	Multiply by 10: 12.5 × 10 = 125 mm.
2	C	1.5 litres is 1,500 ml, and 1,500 ÷ 6 = 250 ml in each glass.
3	C	3 m is 300 cm, and 300 ÷ 30 = 10 rulers.
4	B	Divide the total by the number of pencils: 180 ÷ 12 = 15 g.
5	C	Multiply by 1,000: 0.06 × 1,000 = 60 g.
6	D	Adding 2 hours gives 08:55, and 40 more minutes gives 09:35.
7	E	Change them all to grams: 3,050, 3,200, 3,400, 3,450 and 3,500 g. The heaviest is 3.5 kg.
8	C	Speed is distance divided by time: 400 ÷ 50 = 8 metres every second.
9	D	In centimetres this is 460 + 275 = 735 cm, which is 7 m 35 cm.
10	D	One brick is 30 ÷ 15 = 2 kg, and 2 kg is 2,000 g.
11	C	From 21:37 to 23:37 would be 120 minutes, but the finish is 32 minutes earlier, so 120 − 32 = 88 minutes.
12	C	Multiply by 1,000: 0.125 × 1,000 = 125 ml, which is one eighth of a litre.
13	C	1.2 m is 120 cm, so the area is 120 × 50 = 6,000 cm^2.
14	D	Multiply by 2.5: 12 × 2.5 = 30 cm.
15	D	A quarter of an hour is 15 minutes, so the water is 15 × 2.5 = 37.5 litres.

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