Measurement: Units & Conversion: Hard Practice Paper 2 Answers

Q#	Answer	Explanation
1	C	One tonne is 1,000 kg, so 0.75 tonnes is 0.75 × 1,000 = 750 kg.
2	A	From 08:52 to 12:52 is 4 hours, and 25 more minutes takes you to 13:17.
3	B	Speed is distance divided by time: 45 ÷ 2.5 = 18 km/h.
4	C	2 litres is 2,000 ml. Eleven glasses use 11 × 175 = 1,925 ml, leaving 75 ml, which is not enough for a twelfth glass.
5	C	45 cm is 0.45 m, so the perimeter is 2 × (1.6 + 0.45) = 2 × 2.05 = 4.1 m.
6	C	One person needs 450 ÷ 6 = 75 ml, so 8 people need 8 × 75 = 600 ml.
7	B	6 km is 6,000 m, and 6,000 ÷ 400 = 15 laps.
8	B	Multiply the mass by the price: 1.8 × 1.20 = £2.16.
9	B	Divide the amount by the rate: 60 ÷ 4 = 15 minutes.
10	C	Multiply by 10,000: 3 × 10,000 = 30,000 cm².
11	B	Divide distance by time: 1,200 ÷ 30 = 40 metres every minute.
12	C	Adding 4 hours gives 03:20 the next day, and 50 more minutes gives 04:10.
13	C	Multiply by 2.2: 15 × 2.2 = 33 pounds.
14	B	The total is 18 × 750 = 13,500 ml, and 13,500 ÷ 1,000 = 13.5 litres.
15	C	There are 24 ÷ 3 = 8 gaps between posts, and a fence always has one more post than gaps, so there are 9 posts.

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