Measurement: Units & Conversion: Hard Practice Paper 4 Answers

Q#	Answer	Explanation
1	B	One tonne is 1,000 kg, so divide by 1,000: 4,500 ÷ 1,000 = 4.5 tonnes.
2	B	From 07:26 to 09:26 is 2 hours, and 48 more minutes takes you to 10:14.
3	B	1 hour 20 minutes is one and a third hours, and 80 ÷ 1⅓ = 60 km/h. Checking: at 60 km/h you travel 60 km in an hour and 20 km in 20 minutes.
4	C	3 litres is 3,000 ml. Seven jugs use 7 × 400 = 2,800 ml, leaving 200 ml, which is not enough for an eighth jug.
5	C	50 cm is 0.5 m, and length is area divided by width: 1.5 ÷ 0.5 = 3 m.
6	B	Divide the area by the coverage: 54 ÷ 12 = 4.5 litres.
7	C	Divide the race distance by the lap length: 10 ÷ 1.25 = 8 laps.
8	C	Two kilograms cost £7.00 and 0.4 kg costs £1.40, so the total is £8.40.
9	C	The time is 24,000 ÷ 300 = 80 minutes, which is 1 hour 20 minutes.
10	C	Multiply by 10,000: 2.5 × 10,000 = 25,000 cm².
11	C	2 hours 15 minutes is 2.25 hours, and 1,800 ÷ 2.25 = 800 km/h.
12	B	Adding 7 hours gives 03:40 the next day, and 45 more minutes gives 04:25.
13	B	8 feet is about 8 × 30 = 240 cm, and 240 cm is 2.4 m.
14	D	Multiply the number of bags by the mass of each: 15 × 1.2 = 18 kg.
15	C	12 m is 1,200 cm, and 1,200 ÷ 80 = 15 pieces.

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