Measurement: Units & Conversion: Hard Practice Paper 4

Q1. A container weighs 4,500 kg. What is this in tonnes?

A. 0.45 tonnes

B. 4.5 tonnes

C. 45 tonnes

D. 450 tonnes

E. 4,500 tonnes

Q2. A lesson runs from 07:26 to 10:14. How long does it last?

A. 2 h 38 min

B. 2 h 48 min

C. 3 h 12 min

D. 3 h 48 min

E. 3 h 88 min

Q3. A bus travels 80 km in 1 hour 20 minutes. What is its average speed?

A. 50 km/h B. 60 km/h C. 64 km/h D. 70 km/h E. 80 km/h

Q4. How many full 400 ml jugs can be filled from 3 litres of water?

A. 5 B. 6 C. 7 D. 8 E. 12

Q5. A rectangle has an area of 1.5 m² and a width of 50 cm. What is its length?

A. 0.75 m B. 2 m C. 3 m D. 3.5 m E. 7.5 m

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Q6. One litre of paint covers 12 m² of wall. How much paint is needed to cover 54 m²?

A. 4 litres

B. 4.5 litres

C. 5 litres

D. 5.5 litres

E. 6 litres

Q7. A cycling circuit is 1.25 km long. How many laps make a 10 km race?

A. 6 B. 7 C. 8 D. 9 E. 12

Q8. Grapes cost £3.50 per kilogram. What is the cost of 2.4 kg?

A. £7.00 B. £7.40 C. £8.40 D. £8.75 E. £9.60

Q9. A pool holds 24,000 litres and is filled at 300 litres each minute. How long does it take to fill?

A. 40 minutes

B. 1 hour

C. 1 h 20 min

D. 1 h 40 min

E. 2 hours

Q10. There are 10,000 cm² in 1 m². How many square centimetres are there in 2.5 m²?

A. 250 cm²

B. 2,500 cm²

C. 25,000 cm²

D. 250,000 cm²

E. 2,500,000 cm²

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Q11. A plane flies 1,800 km in 2 hours 15 minutes. What is its average speed?

A. 600 km/h

B. 720 km/h

C. 800 km/h

D. 900 km/h

E. 1,200 km/h

Q12. A ferry leaves at 20:40 and the crossing takes 7 hours 45 minutes. At what time does it arrive?

A. 03:25 B. 04:25 C. 04:35 D. 05:25 E. 28:25

Q13. One foot is about 30 cm. Roughly how many metres are there in 8 feet?

A. 1.8 m B. 2.4 m C. 2.8 m D. 3.2 m E. 24 m

Q14. A shopkeeper stacks 15 bags of sugar, each weighing 1.2 kg. What is the total mass?

A. 12 kg B. 15 kg C. 16.2 kg D. 18 kg E. 20 kg

Q15. A 12 m rope is cut into pieces each 80 cm long. How many pieces are there?

A. 12 B. 14 C. 15 D. 16 E. 18

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