Measurement: Units & Conversion: Hard Practice Paper 3

Q1. A load of sand weighs 3.2 tonnes. How many kilograms is this?

A. 32 kg

B. 320 kg

C. 3,200 kg

D. 32,000 kg

E. 320,000 kg

Q2. A museum tour starts at 11:38 and ends at 16:05. How long does it last?

A. 4 h 17 min

B. 4 h 27 min

C. 4 h 33 min

D. 5 h 27 min

E. 5 h 33 min

Q3. A car travels 150 km in 2.5 hours. At the same speed, how long does a 240 km journey take?

A. 3 hours B. 3.5 hours C. 4 hours D. 4.5 hours E. 5 hours

Q4. How many full 300 ml bottles can be filled from 5 litres of squash?

A. 14 B. 15 C. 16 D. 17 E. 18

Q5. A square tile has an area of 2.25 m². How long is each side?

A. 1.125 m B. 1.5 m C. 2.25 m D. 4.5 m E. 5.0625 m

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Q6. A recipe for 8 biscuits uses 200 g of butter. How much butter is needed for 20 biscuits?

A. 320 g B. 400 g C. 450 g D. 500 g E. 800 g

Q7. A running lap is 250 m. How many laps make a distance of 7.5 km?

A. 15 B. 20 C. 25 D. 30 E. 35

Q8. Cheese costs £2.40 per kilogram. What is the cost of 3.5 kg?

A. £7.20 B. £8.00 C. £8.40 D. £8.80 E. £9.60

Q9. A tank holds 400 litres and drains at 25 litres each minute. How long does it take to empty?

A. 10 minutes

B. 12 minutes

C. 14 minutes

D. 16 minutes

E. 20 minutes

Q10. There are 10,000 cm^2 in 1 m^2. How many square centimetres are there in 0.5 m^2?

A. 50 cm^2

B. 500 cm^2

C. 5,000 cm^2

D. 50,000 cm^2

E. 500,000 cm^2

Q11. A walker covers 9 km in 1 hour 30 minutes. What is the average speed in kilometres per hour?

A. 4.5 km/h B. 5 km/h C. 6 km/h D. 7.5 km/h E. 13.5 km/h

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Q12. A sleeper train leaves at 21:55 and the journey takes 5 hours 20 minutes. At what time does it arrive?

A. 02:15 B. 02:75 C. 03:05 D. 03:15 E. 03:25

Q13. One stone is about 6.4 kg. Roughly how many kilograms is 5 stone?

A. 11.4 kg B. 28 kg C. 30 kg D. 32 kg E. 36 kg

Q14. A pallet holds 40 cans, each containing 330 ml. How many litres is this altogether?

A. 12.2 litres

B. 13.2 litres

C. 14.2 litres

D. 33 litres

E. 132 litres

Q15. A garden path is 30 m long and is laid with slabs 60 cm long. How many slabs are needed?

A. 18 B. 25 C. 36 D. 50 E. 60

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