Measurement: Units & Conversion: Hard Practice Paper 1

Q1. A lorry can carry a load of 2.5 tonnes. How many kilograms is this?

A. 25 kg

B. 250 kg

C. 2,500 kg

D. 25,000 kg

E. 250,000 kg

Q2. A journey starts at 09:35 and ends at 14:20. How long does it take?

A. 4 h 15 min

B. 4 h 45 min

C. 5 h 15 min

D. 5 h 45 min

E. 6 h 45 min

Q3. A car travels 240 km in 3 hours. Travelling at the same speed, how far does it go in 5 hours?

A. 300 km B. 320 km C. 360 km D. 400 km E. 480 km

Q4. How many full 125 ml cups can be poured from 1.5 litres of juice?

A. 8 B. 10 C. 12 D. 15 E. 18

Q5. A rectangular rug measures 2.4 m by 75 cm. What is its area in square metres?

A. 1.8 m² B. 3.15 m² C. 6.3 m² D. 18 m² E. 180 m²

myfreeschool

Q6. A recipe for 4 people uses 300 g of flour. How much flour is needed for 10 people?

A. 450 g B. 600 g C. 750 g D. 800 g E. 1,200 g

Q7. A running track has a lap of 250 m. How many laps make a distance of 3 km?

A. 8 B. 10 C. 12 D. 15 E. 20

Q8. Apples cost £1.60 per kilogram. What is the cost of 2.5 kg?

A. £3.20 B. £3.60 C. £4.00 D. £4.10 E. £4.50

Q9. A tap fills a 90 litre bath in 12 minutes. How many litres does it deliver each minute?

A. 6 B. 7.5 C. 8 D. 9 E. 12

Q10. There are 10,000 cm^2 in 1 m^2. How many square centimetres are there in 4.5 m^2?

A. 450 cm^2

B. 4,500 cm^2

C. 45,000 cm^2

D. 450,000 cm^2

E. 4,500,000 cm^2

Q11. A runner completes 5,000 m in 25 minutes. What is the average speed in metres per minute?

A. 125 B. 150 C. 200 D. 225 E. 250

myfreeschool

Q12. A train leaves at 22:45 and the journey takes 3 hours 30 minutes. At what time does it arrive?

A. 01:15 B. 01:45 C. 02:15 D. 02:45 E. 26:15

Q13. One mile is about 1.6 km. A road is 40 km long. Roughly how many miles is this?

A. 16 miles B. 20 miles C. 25 miles D. 32 miles E. 64 miles

Q14. A box weighs 500 g when empty. It is filled with 24 tins each weighing 400 g. What is the total mass in kilograms?

A. 9.6 kg B. 9.9 kg C. 10.1 kg D. 10.5 kg E. 12.5 kg

Q15. A wall is 3 m long. How many tiles of width 15 cm fit in one row along it?

A. 15 B. 20 C. 25 D. 30 E. 45

myfreeschool