Measurement: Units & Conversion: Hard Practice Paper 2

Q1. A skip holds 0.75 tonnes of rubble. How many kilograms is this?

A. 7.5 kg B. 75 kg C. 750 kg D. 7,500 kg E. 75,000 kg

Q2. A shop opens at 08:52 and closes at 13:17. How long is it open?

A. 4 h 25 min

B. 4 h 35 min

C. 5 h 25 min

D. 5 h 35 min

E. 5 h 65 min

Q3. A cyclist rides 45 km in 2.5 hours. What is the average speed?

A. 15 km/h

B. 18 km/h

C. 20 km/h

D. 22.5 km/h

E. 112.5 km/h

Q4. How many full 175 ml glasses can be poured from 2 litres of water?

A. 9 B. 10 C. 11 D. 12 E. 14

Q5. A rectangular garden bed measures 1.6 m by 45 cm. What is its perimeter in metres?

A. 2.05 m B. 3.2 m C. 4.1 m D. 4.5 m E. 8.2 m

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Q6. A recipe for 6 people uses 450 ml of milk. How much milk is needed for 8 people?

A. 500 ml B. 550 ml C. 600 ml D. 650 ml E. 675 ml

Q7. An athletics track has a lap of 400 m. How many laps make a distance of 6 km?

A. 12 B. 15 C. 18 D. 20 E. 24

Q8. Potatoes cost £1.20 per kilogram. What is the cost of 1.8 kg?

A. £1.80 B. £2.16 C. £2.40 D. £2.60 E. £3.00

Q9. A bath holds 60 litres and fills at 4 litres each minute. How long does it take to fill?

A. 12 minutes

B. 15 minutes

C. 18 minutes

D. 20 minutes

E. 24 minutes

Q10. There are 10,000 cm^2 in 1 m^2. How many square centimetres are there in 3 m^2?

A. 300 cm^2

B. 3,000 cm^2

C. 30,000 cm^2

D. 300,000 cm^2

E. 3,000,000 cm^2

Q11. A swimmer covers 1,200 m in 30 minutes. What is the average speed in metres per minute?

A. 30 B. 40 C. 45 D. 50 E. 60

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Q12. A flight leaves at 23:20 and lasts 4 hours 50 minutes. At what time does it land?

A. 03:10 B. 03:70 C. 04:10 D. 04:20 E. 28:10

Q13. One kilogram is about 2.2 pounds. Roughly how many pounds is 15 kg?

A. 17.2 B. 30 C. 33 D. 36 E. 44

Q14. A crate holds 18 bottles, each containing 750 ml. How many litres does the crate hold altogether?

A. 12.5 litres

B. 13.5 litres

C. 14.5 litres

D. 18.75 litres

E. 135 litres

Q15. A straight fence is 24 m long with a post every 3 m, including one at each end. How many posts are there?

A. 7 B. 8 C. 9 D. 10 E. 12

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