

Problem Solving & Word Problems: Medium Practice Paper 3

Q1. A baker makes 156 rolls and packs them into bags of 12. How many full bags does he make?

- A. 11 B. 12 C. 13 D. 14 E. 15

Q2. The mean of five scores is 14. Four of the scores are 12, 15, 16 and 13. What is the fifth score?

- A. 12 B. 13 C. 14 D. 15 E. 16

Q3. A coat costing £80 is reduced by 25% in a sale. What is the sale price?

- A. £20 B. £55 C. £60 D. £64 E. £75

Q4. 40 sweets are shared between two children in the ratio 2 : 3. How many sweets does the second child get?

- A. 8 B. 16 C. 20 D. 24 E. 30

Q5. A morning has three 50 minute lessons starting at 09:00, with a 15 minute break after the second lesson. At what time does the third lesson end?

- A. 11:15 B. 11:25 C. 11:35 D. 11:45 E. 11:55

Q6. I think of a number, divide it by 5 and then add 12. The answer is 20. What was my number?

- A. 8 B. 16 C. 32 D. 40 E. 160

Q7. A tap drips 250 ml of water every hour. How much water is wasted in one whole day?

- A. 2.5 litres
- B. 4 litres
- C. 5 litres
- D. 6 litres
- E. 12 litres

Q8. Four decorators can paper 6 rooms in a day. Working at the same rate, how many rooms could 10 decorators paper in a day?

- A. 10
- B. 12
- C. 15
- D. 18
- E. 24

Q9. 12 cakes cost £9. At the same price each, how many cakes can be bought for £15?

- A. 15
- B. 16
- C. 18
- D. 20
- E. 24

Q10. A journey is 150 km long. A driver has completed one third of it. How far is left to travel?

- A. 50 km
- B. 75 km
- C. 100 km
- D. 120 km
- E. 135 km

Q11. How many 20p coins are needed to make £7?

- A. 14
- B. 20
- C. 28
- D. 35
- E. 70

Q12. A rectangle has a perimeter of 36 cm and a length of 12 cm. What is its width?

- A. 3 cm
- B. 6 cm
- C. 9 cm
- D. 12 cm
- E. 24 cm

Q13. Sam is 8 years old and his father is 4 times as old. How old will his father be in 5 years' time?

- A. 32 B. 35 C. 37 D. 40 E. 45

Q14. Three parcels weigh 2.4 kg altogether. What is their mean weight?

- A. 600 g B. 700 g C. 800 g D. 900 g E. 1200 g

Q15. Matchsticks are used to make a row of squares. One square uses 4 matchsticks, two squares use 7 and three squares use 10. How many matchsticks are needed for 10 squares?

- A. 28 B. 31 C. 34 D. 37 E. 40