

## Problem Solving & Word Problems: Medium Practice Paper 5

Q1. In a café, 3 sandwiches cost £3.20 each and 2 teas cost £1.40 each. What is the total bill?

- A. £11.00      B. £12.40      C. £12.80      D. £13.20      E. £14.00

Q2. Four people share a bill of £46 equally. How much does each person pay?

- A. £10.50      B. £11.00      C. £11.50      D. £12.00      E. £12.50

Q3. What is 60% of 45?

- A. 18      B. 24      C. 27      D. 30      E. 36

Q4. Seven trays each hold 18 eggs. Four eggs are broken. How many unbroken eggs are there?

- A. 118      B. 120      C. 122      D. 126      E. 130

Q5. The mean height of 5 children is 140 cm. What is their total height?

- A. 600 cm      B. 650 cm      C. 700 cm      D. 720 cm      E. 750 cm

Q6. I think of a number, multiply it by 6 and then divide by 4. The answer is 18. What was my number?

- A. 3      B. 9      C. 12      D. 24      E. 27

Q7. A hall measures 12 m by 9 m. Carpet costs £15 for each square metre. How much does it cost to carpet the hall?

- A. £315      B. £1080      C. £1350      D. £1620      E. £1800

Q8. 258 pupils are going on a trip and each coach holds 50 pupils. How many coaches are needed?

- A. 4                      B. 5                      C. 6                      D. 7                      E. 8

Q9. A recipe for 12 buns uses 300 g of sugar. How much sugar is needed for 18 buns?

- A. 350 g                  B. 400 g                  C. 425 g                  D. 450 g                  E. 500 g

Q10. A sequence begins 100, 93, 86, 79, ... What is the seventh number in the sequence?

- A. 51                      B. 58                      C. 65                      D. 72                      E. 79

Q11. What is the smallest number of coins needed to make 87p exactly?

- A. 4                      B. 5                      C. 6                      D. 7                      E. 8

Q12. A pupil has six 45 minute lessons and one 20 minute break. How long is this altogether?

- A. 4 hours 10 minutes  
B. 4 hours 30 minutes  
C. 4 hours 50 minutes  
D. 5 hours  
E. 5 hours 20 minutes

Q13. In a school of 64 pupils the ratio of boys to girls is 5 : 3. How many boys are there?

- A. 24                      B. 32                      C. 35                      D. 40                      E. 45

Q14. Tom has £30. He spends one third of it on a shirt and then spends £6 on lunch. How much money does he have left?

- A. £10                      B. £14                      C. £16                      D. £20                      E. £24

Q15. Three machines make 180 items in an hour. Working at the same rate, how many items would 5 machines make in 2 hours?

- A. 300                      B. 450                      C. 500                      D. 600                      E. 900

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