

## Problem Solving & Word Problems: Medium Practice Paper 4

Q1. Ravi buys items costing £3.85, £2.40 and £1.30. How much change does he get from £10?

- A. £2.05      B. £2.45      C. £2.55      D. £3.45      E. £7.55

Q2. A school has 480 pupils and 45% of them are boys. How many boys are there?

- A. 180      B. 196      C. 216      D. 240      E. 264

Q3. Five identical books cost £37.50. How much would 8 of these books cost?

- A. £52.50      B. £56.00      C. £60.00      D. £64.00      E. £75.00

Q4. A minibus holds 14 passengers. How many minibuses are needed to carry 87 people?

- A. 5      B. 6      C. 7      D. 8      E. 14

Q5. The mean of six numbers is 15. When one number is removed, the mean of the remaining five numbers is 16. What was the number that was removed?

- A. 5      B. 10      C. 12      D. 15      E. 16

Q6. Trains leave a station every 25 minutes, with the first at 08:00. At what time does the fifth train leave?

- A. 09:15      B. 09:25      C. 09:40      D. 10:05      E. 10:25

Q7. I think of a number, subtract 6 and then multiply by 3. The answer is 27. What was my number?

- A. 9                      B. 12                      C. 15                      D. 18                      E. 21

Q8. A square lawn has sides of 15 m. A fence costing £4 per metre is put all the way round. What is the total cost?

- A. £60                      B. £180                      C. £225                      D. £240                      E. £900

Q9. In a class of 35 pupils, two fifths are girls. How many boys are there?

- A. 7                      B. 14                      C. 18                      D. 21                      E. 25

Q10. Ben saves £2.50 each week. How many weeks will it take him to save enough for a £45 game?

- A. 15                      B. 16                      C. 18                      D. 20                      E. 22

Q11. A printer prints 45 pages every minute. How long does it take to print 630 pages?

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

Q12. A car park holds only bicycles and cars. There are 30 vehicles with 100 wheels altogether. How many cars are there?

- A. 10                      B. 15                      C. 20                      D. 22                      E. 25

Q13. A 2 litre bottle of juice is poured into glasses holding 250 ml each. How many glasses can be filled?

- A. 4                      B. 6                      C. 8                      D. 10                      E. 12

Q14. A journey took 2 hours 45 minutes and finished at 17:20. At what time did it start?

- A. 14:05                  B. 14:25                  C. 14:35                  D. 14:45                  E. 15:05

Q15. A jacket costs £60. Its price is increased by 10%. What is the new price?

- A. £61                      B. £63                      C. £66                      D. £70                      E. £72