

Problem Solving & Word Problems: Medium Practice Paper 1

Q1. Notebooks cost £1.75 each. Jo buys 4 of them and pays with a £10 note. How much change does she get?

- A. £2.00 B. £2.75 C. £3.00 D. £3.25 E. £4.00

Q2. Three friends share a restaurant bill of £42 equally, and then each of them adds a £2 tip. How much does each friend pay altogether?

- A. £14 B. £15 C. £16 D. £17 E. £18

Q3. There are 28 children in a class and three quarters of them have a packed lunch. How many children have a packed lunch?

- A. 7 B. 14 C. 18 D. 21 E. 24

Q4. A rectangular garden measures 8 m by 5 m. Fencing costs £3 for each metre. How much does it cost to fence all the way round?

- A. £40 B. £54 C. £78 D. £104 E. £120

Q5. Amy scores 7, 9 and 8 in three tests. What is her mean score?

- A. 7 B. 8 C. 8.5 D. 9 E. 24

Q6. A coach holds 45 children. How many coaches are needed for 190 children?

- A. 4 B. 5 C. 6 D. 7 E. 45

Q7. I think of a number, multiply it by 4 and then add 7. The answer is 43. What was my number?

- A. 7 B. 9 C. 10 D. 12 E. 36

Q8. A film starts at 19:45 and lasts 2 hours 20 minutes. At what time does it finish?

- A. 21:05 B. 21:45 C. 22:05 D. 22:15 E. 22:25

Q9. A recipe uses 200 g of flour to make 8 biscuits. How much flour is needed for 20 biscuits?

- A. 320 g B. 400 g C. 450 g D. 500 g E. 600 g

Q10. Dan saves £4.50 every week for 8 weeks. He wants to buy a bike costing £50. How much more does he still need?

- A. £12 B. £14 C. £16 D. £18 E. £36

Q11. 25% of the 60 pupils in a year group walk to school. How many pupils walk?

- A. 12 B. 15 C. 20 D. 25 E. 45

Q12. A water tank holds 45 litres. Two fifths of the water is used. How much water is left?

- A. 9 litres B. 15 litres C. 18 litres D. 27 litres E. 30 litres

Q13. Two numbers add up to 30 and their difference is 6. What is the larger number?

- A. 12 B. 15 C. 16 D. 18 E. 24

Q14. A book has 240 pages. Kim reads 30 pages every day. How many days does it take her to finish the book?

- A. 6 B. 7 C. 8 D. 9 E. 12

Q15. Sam buys 3 items costing £2.35 each and pays with a £10 note. How much change does he receive?

- A. £2.65 B. £2.95 C. £3.05 D. £3.25 E. £7.05

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