

Problem Solving & Word Problems: Medium Practice Paper 2

Q1. Cinema tickets cost £9.50 for an adult and £6 for a child. What is the total cost for 2 adults and 3 children?

- A. £31.00 B. £34.00 C. £37.00 D. £40.00 E. £43.50

Q2. The mean of four numbers is 12. Three of the numbers are 10, 11 and 14. What is the fourth number?

- A. 11 B. 12 C. 13 D. 14 E. 48

Q3. A car park charges £1.20 for the first hour and 80p for each hour after that. How much does it cost to park for 4 hours?

- A. £3.20 B. £3.60 C. £4.00 D. £4.40 E. £4.80

Q4. Five boxes each hold 24 pencils. The pencils are shared equally between 8 classes. How many pencils does each class get?

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

Q5. I think of a number, double it and then subtract 9. The answer is 31. What was my number?

- A. 11 B. 15 C. 18 D. 20 E. 22

Q6. Oranges are sold at 3 for £1.20. How much do 10 oranges cost?

- A. £3.60 B. £4.00 C. £4.20 D. £4.80 E. £12.00

Q7. A school trip costs £8.50 for each pupil. What is the total cost for 32 pupils?

- A. £240 B. £256 C. £264 D. £272 E. £280

Q8. A journey is made up of a 45 minute bus ride and a 1 hour 20 minute train ride. How long is the journey altogether?

- A. 1 hour 45 minutes
B. 1 hour 55 minutes
C. 2 hours 5 minutes
D. 2 hours 15 minutes
E. 2 hours 25 minutes

Q9. What is 40% of 250?

- A. 25 B. 40 C. 80 D. 100 E. 125

Q10. A rope 12 m long is cut into pieces each 80 cm long. How many pieces are there?

- A. 12 B. 14 C. 15 D. 16 E. 20

Q11. A farmer keeps only chickens and cows. There are 20 animals with 56 legs altogether. How many cows are there?

- A. 6 B. 8 C. 10 D. 12 E. 14

Q12. Water flows into a tank at 8 litres a minute. How long does it take to fill a 200 litre tank?

- A. 20 minutes
B. 25 minutes
C. 30 minutes
D. 35 minutes
E. 40 minutes

Q13. Apples cost £1.60 per kilogram. How much does 1.5 kg cost?

- A. £2.10 B. £2.20 C. £2.40 D. £2.60 E. £3.20

Q14. A pattern of numbers begins 3, 7, 11, 15, ... What is the 10th number in the pattern?

- A. 35 B. 37 C. 39 D. 41 E. 43

Q15. Emma has three times as much money as Ben. Together they have £48. How much does Ben have?

- A. £8 B. £12 C. £16 D. £24 E. £36