

Fractions, Decimals and Percentages

GCSE Mathematics • **Foundation Tier** • Grades 1–3 • Non-calculator

Name:

Class:

Total: / 42

Show all your working. Marks are given for correct method as well as the final answer.

1. Write 0.7 as a fraction in its simplest form. [2 marks]

Answer:

2. Write $\frac{3}{4}$ as a decimal. [1 mark]

Answer:

3. Write 45% as a decimal. [1 mark]

Answer:

4. Write 0.3 as a percentage. [1 mark]

Answer:

5. Write $\frac{2}{5}$ as a percentage. [2 marks]

Answer:

6. Write 24% as a fraction in its simplest form. [2 marks]

Answer:

7. Write these in order, smallest first: 0.6, $\frac{1}{2}$, 65%, $\frac{3}{5}$. [3 marks]

Answer:

8. Work out $\frac{1}{4} + \frac{2}{5}$. [2 marks]

Answer:

9. Work out $\frac{5}{6} - \frac{1}{3}$. [2 marks]

Answer:

10. Work out $\frac{2}{3} \times \frac{3}{8}$. [2 marks]

Answer:

11. Work out $\frac{3}{4} \div \frac{1}{2}$. [2 marks]

Answer:

12. Work out $1\frac{1}{2} + \frac{3}{4}$. [3 marks]

Answer:

13. Work out $\frac{3}{5}$ of £45. [2 marks]

Answer:

14. Work out 10% of 320. [1 mark]

Answer:

15. Work out 15% of 240 without a calculator. [2 marks]

Answer:

16. Work out 35% of £80. [2 marks]

Answer:

17. Write 18 out of 40 as a percentage. [2 marks]

Answer:

18. In a test Amina scored $\frac{17}{25}$ and Ben scored 65%. Who did better? Show your working. [3 marks]

Answer:

19. A coat costs £60. In a sale it is reduced by 25%. Work out the sale price. [3 marks]

Answer:

20. A recipe uses $\frac{2}{3}$ of a 900 g bag of flour.

(a) How many grams are used? [2 marks]

(b) What percentage of the bag is left? [2 marks]

Answer: