

# **KS2 Year 4 Arithmetic Workbook**

## **Fractions and Money Problems**

# Fractions Practice

1. Shade  $\frac{1}{2}$  of a shape with 12 equal parts.
2. What is  $\frac{1}{4}$  of 20?
3. What is  $\frac{3}{4}$  of 24?
4. What is  $\frac{2}{5}$  of 30?
5. Write the fraction shown if 3 out of 8 parts are shaded.
6. Compare: Which is greater,  $\frac{2}{4}$  or  $\frac{3}{8}$ ?
7. Find  $\frac{1}{3}$  of 27.
8. Find  $\frac{2}{3}$  of 18.
9. Find  $\frac{5}{10}$  of 40.
10. Complete:  $\frac{1}{2} = \frac{\quad}{10}$ .
11. Complete:  $\frac{3}{4} = \frac{\quad}{20}$ .
12. Add:  $\frac{1}{4} + \frac{2}{4}$ .
13. Add:  $\frac{3}{8} + \frac{2}{8}$ .
14. Subtract:  $\frac{7}{10} - \frac{3}{10}$ .
15. Subtract:  $\frac{6}{8} - \frac{1}{8}$ .
16. A pizza has 8 slices. Tom eats 3 slices. What fraction did he eat?
17. A class of 30 pupils has  $\frac{1}{5}$  wearing glasses. How many pupils wear glasses?
18. Find  $\frac{3}{5}$  of 25.
19. Find  $\frac{7}{10}$  of 50.
20. Explain how to find  $\frac{1}{4}$  of a number.

# Money Problems

21. A pencil costs 35p. How much do 2 pencils cost?
22. A toy costs £4.50. How much change from £10?
23. Sam buys a drink for £1.25 and a sandwich for £2.40. What is the total cost?
24. A book costs £6.99. How much change from £10?
25. Three chocolate bars cost 75p each. What is the total cost?
26. A football costs £12.50. Mum pays with £20. How much change?
27. What is the value of  $5 \times 20\text{p}$  coins?
28. What is the value of  $3 \times £2$  coins and  $4 \times 50\text{p}$  coins?
29. A shop sale reduces a £15 item by £3. What is the new price?
30. Ben has £5. He spends £2.75. How much is left?
31. A cinema ticket costs £7.50. Two tickets cost how much?
32. A toy costs £8.99 and a game costs £11.50. Find the total.
33. How much change from £20 after buying an item costing £13.45?
34. Emma buys 4 apples at 30p each. What is the total cost?
35. A family spends £24.50 on lunch and £15.25 on drinks. What is the total?
36. What is the difference between £10 and £6.75?
37. Jack saves £2 each week for 8 weeks. How much does he save?
38. A bicycle costs £125. Save £25 already. How much more is needed?
39. Find the total of £4.35, £2.50 and £1.15.
40. Explain how you work out change from £10.

## Answer Key

Fractions: 2) 5, 3) 18, 4) 12, 7) 9, 8) 12, 9) 20, 12)  $\frac{3}{4}$ , 13)  $\frac{5}{8}$ , 14)  $\frac{4}{10}$ , 15)  $\frac{5}{8}$ , 18) 15, 19) 35.  
Money: 21) 70p, 22) £5.50, 23) £3.65, 24) £3.01, 25) £2.25, 26) £7.50, 27) £1.00, 28) £8.00, 29) £12.00, 30) £2.25.