

KS2 Year 4 Fractions & Money Workbook – Volume 2

Advanced Arithmetic, Reasoning and Problem Solving

Fractions Mastery

1. Find $\frac{1}{2}$ of 36
2. Find $\frac{1}{4}$ of 48
3. Find $\frac{3}{4}$ of 32
4. Find $\frac{2}{3}$ of 24
5. Find $\frac{5}{8}$ of 40
6. Find $\frac{7}{10}$ of 60
7. Write 4 shaded parts out of 12 as a fraction
8. Compare $\frac{3}{4}$ and $\frac{2}{3}$
9. Order $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{4}$
10. Add $\frac{2}{8} + \frac{5}{8}$
11. Subtract $\frac{9}{10} - \frac{4}{10}$
12. Find $\frac{1}{5}$ of 45
13. Find $\frac{3}{5}$ of 25
14. Find $\frac{4}{6}$ of 18
15. Find $\frac{2}{10}$ of 90
16. Complete $\frac{1}{2} = \frac{\quad}{20}$
17. Complete $\frac{3}{4} = \frac{\quad}{16}$
18. Complete $\frac{2}{5} = \frac{\quad}{25}$
19. What fraction of 20 is 5?
20. What fraction of 30 is 6?
21. A cake is cut into 12 slices. 4 are eaten. What fraction remains?
22. A class of 32 pupils has $\frac{1}{4}$ absent. How many are absent?
23. Find $\frac{3}{8}$ of 56
24. Find $\frac{5}{6}$ of 30
25. Find $\frac{7}{12}$ of 24
26. Add $\frac{1}{6} + \frac{3}{6}$
27. Add $\frac{5}{12} + \frac{4}{12}$
28. Subtract $\frac{11}{12} - \frac{5}{12}$
29. Subtract $\frac{7}{8} - \frac{3}{8}$
30. Find $\frac{9}{10}$ of 70
31. Find $\frac{1}{3}$ of 99
32. Find $\frac{2}{9}$ of 45
33. Find $\frac{4}{7}$ of 28
34. What fraction of 50 is 25?
35. What fraction of 100 is 20?
36. Explain how to find a fraction of an amount.

37. Find $\frac{6}{8}$ of 32
38. Find $\frac{7}{8}$ of 64
39. Find $\frac{3}{10}$ of 120
40. Find $\frac{9}{10}$ of 200
41. Compare $\frac{5}{10}$ and $\frac{1}{2}$
42. Order $\frac{2}{8}$, $\frac{1}{2}$, $\frac{6}{8}$
43. Add $\frac{3}{5} + \frac{1}{5}$
44. Subtract $\frac{8}{9} - \frac{2}{9}$
45. Find $\frac{2}{4}$ of 44
46. Find $\frac{5}{9}$ of 81
47. Find $\frac{11}{12}$ of 60
48. Find $\frac{1}{8}$ of 72
49. Find $\frac{3}{8}$ of 80
50. Explain why $\frac{2}{4}$ equals $\frac{1}{2}$

Money Problem Solving

51. A football costs £14.99. How much change from £20?
52. A toy costs £8.75 and a game costs £12.40. Find the total.
53. Three books cost £4.50 each. What is the total cost?
54. A sandwich costs £2.80 and a drink costs £1.45. Find the total.
55. What is the value of six 50p coins?
56. What is the value of four £2 coins and three 20p coins?
57. A bike costs £150. You have saved £95. How much more is needed?
58. A family spends £23.40 on lunch and £18.60 on activities. What is the total?
59. Find the change from £50 after spending £37.85.
60. A cinema ticket costs £8.50. Four tickets cost how much?
61. A pencil costs 45p. Five pencils cost how much?
62. A shop reduces a £25 item by £7. What is the new price?
63. Find the total of £4.25, £3.50 and £2.75.
64. How much change from £10 after spending £6.85?
65. A toy costs £13.99. Mum pays with £20. Find the change.
66. Three drinks cost £1.25 each. What is the total?
67. A child saves £3 per week for 12 weeks. How much is saved?
68. A coat costs £42.50. It is reduced by £10. What is the sale price?
69. Find the difference between £25 and £18.75.
70. A family buys 4 tickets at £6.50 each. Find the total.
71. A book costs £7.99 and a pen costs £1.25. Find the total.
72. Find the change from £20 after spending £14.35.
73. A meal costs £9.50. Two meals cost how much?
74. What is the value of ten 20p coins?
75. What is the value of eight 50p coins?
76. A football shirt costs £29.99. How much change from £40?
77. Find the total of £12.50 and £8.75.
78. A family spends £45.80 on groceries. How much change from £60?
79. A game costs £24.99. Save £15 already. How much more is needed?
80. Find the total of three items costing £3.25 each.
81. A child buys 6 apples at 35p each. What is the total cost?
82. Find the difference between £100 and £76.50.
83. A toy costs £18.75 and a book costs £6.25. Find the total.
84. How much change from £30 after spending £21.45?
85. A train ticket costs £12.50. Three tickets cost how much?
86. A family spends £13.25 on snacks and £26.75 on lunch. Find the total.

87. Find the value of five £1 coins and four 50p coins.
88. A jacket costs £34.99. How much change from £50?
89. Find the total of £5.99, £3.49 and £1.52.
90. A sale reduces a £60 item by £12. What is the new price?
91. A child saves £4 per week for 15 weeks. How much is saved?
92. Find the difference between £75 and £52.35.
93. A family buys 5 tickets at £7.20 each. Find the total.
94. What is the value of twelve 10p coins?
95. A pencil case costs £4.99. How much change from £10?
96. Find the total of £15.75 and £9.25.
97. A bike costs £225. Save £140 already. How much more is needed?
98. Find the change from £100 after spending £64.80.
99. A football costs £16.50 and boots cost £28.99. Find the total.
100. Explain how you calculate change accurately.

Teacher Answer Section

Selected answers: 1)18, 2)12, 3)24, 4)16, 5)25, 6)42. Money examples: £5.01, £21.15, £13.50, £4.25. Teachers should encourage pupils to show working and explain methods.