

GCSE Maths — Numbers Practice Questions SET 5

1. Simplify $72/108$.
2. Convert 0.2 to fraction.
3. Find the HCF of 42 and 70.
4. Find the LCM of 20 and 30.
5. Write 0.0034 in standard form.
6. Express 8.92×10^3 in ordinary form.
7. Calculate 15% of 240.
8. Increase 110 by 30%.
9. Decrease 480 by 20%.
10. Population increases from 5000 to 6000; find percentage increase.
11. Price drops from £200 to £170; find percentage decrease.
12. Add $5/8 + 7/16$.
13. Subtract $9/10 - 2/5$.
14. Multiply $8/15 \times 5/12$.
15. Divide $7/9 \div 14/27$.
16. Write 0.9 as a percentage.
17. Express 175% as a decimal.
18. Simplify ratio 90:150.
19. Share £160 in ratio 5:3.
20. Find cube root of 1000.
21. Calculate $6^3 + 2^4$.
22. Evaluate $49^{(1/2)}$.
23. Calculate $(9 \times 10^3) \div (3 \times 10^2)$.
24. Write 0.00065 in standard form.
25. Convert 4.2×10^{-3} to decimal.

26. Simplify $3^5 \times 3^4$.
27. Find x: $4^x = 64$.
28. Calculate square root of 121.
29. Round 8650 to nearest 100.
30. Round 0.00518 to 2 significant figures.
31. Write $\frac{9}{40}$ as decimal.
32. Calculate 22% of 400.
33. Laptop costs £650, price increased by 8%. New price?
34. Simplify $(x^5 \times x^3) \div x^4$.
35. Solve y: $6y - 9 = 33$.
36. Simplify ratio 50:80.
37. Write $\frac{13}{50}$ as decimal.
38. Find reciprocal of 0.4.
39. Convert 5.75 to improper fraction.
40. Add $7.2 + 3.8 + 5.0$.
41. Multiply 0.7×0.4 .
42. Calculate 10^4 .
43. Evaluate $(11^2 - 7^2) \div 8$.
44. Multiply $(5 \times 10^2) \times (6 \times 10^{-3})$.
45. Write 49000 in standard form.
46. Calculate $50 \div 0.5$.
47. Simplify $\frac{7}{21} + \frac{10}{30}$.
48. Find LCM of 15, 20, 25.
49. Calculate 70% of 60.
50. Jacket costs £120 after 25% discount. Find original price.
51. Convert 6% to fraction.
52. Find HCF of 54 and 81.
53. Express $3\frac{3}{4}$ as improper fraction.

54. Simplify $(7x^3 y)/(14x y^4)$.
55. Evaluate $5^3 \div 5^1$.
56. Calculate $(4/5)^2$.
57. Write 0.0002 in standard form.
58. Solve for x: $7x + 2 = 23$.
59. Simplify $9x + 6x - 4x$.
60. Find mean of 11, 13, 15, 19, 21.
61. Calculate 14% of 250.
62. Simplify $(5/6) \div (1/3)$.
63. Multiply 10.5×0.3 .
64. Write 3.4×10^3 in ordinary form.
65. Simplify $(2^7 \div 2^3) \times 2^2$.
66. Express 81 as power of 3.
67. Write $3/10$ as decimal.
68. Calculate 7% of 500.
69. Write ratio 7:13 as fractions of total.
70. Simplify $(x^8 y^5) \div (x^3 y^2)$.
71. Multiply $9^3 \times 9^2$.
72. Evaluate $(125)^{(1/3)}$.
73. Find cube root of 216.
74. Convert $6 \frac{5}{8}$ to improper fraction.
75. Calculate the square of 18.
76. Round 0.000785 to 3 sig figs.
77. Add $2/3 + 3/8$.
78. Simplify $(5x + 6) - (3x - 8)$.
79. Evaluate $(6 \times 10^3) + (5 \times 10^2)$.
80. Calculate percentage decrease from 500 to 350.
81. Express 3.6×10^{-3} as decimal.

82. Convert 0.03 to percentage.
83. Simplify $9/15$.
84. Simplify $10/20 - 3/10$.
85. Find x if 80% of $x = 64$.
86. Write $8/25$ as decimal.
87. Calculate $5^0 + 7^0$.
88. Simplify $(7x^2 y) \div (2x y^3)$.
89. Find LCM of 8 and 12.
90. Evaluate $5^4 \times 5^3$.
91. Calculate square root of 225.
92. Find reciprocal of $3/7$.
93. Write 125 as power of 5.
94. Simplify $(18/24) + (7/12)$.
95. Calculate 135% of 60.
96. Convert 0.00037 to standard form.
97. Write $7 \frac{1}{2}$ as improper fraction.
98. Subtract $3/4 - 2/5$.
99. Simplify 9×10^2 .
100. Calculate $(0.5 + 0.5)^2 - 2(0.5)(0.5)$.