

GCSE Maths — Numbers Practice Questions SET 3

1. Convert 0.125 to a fraction.
2. Simplify $\frac{56}{98}$.
3. Find the HCF of 60 and 90.
4. Find the LCM of 9 and 12.
5. Express 0.0072 in standard form.
6. Write 4.56×10^3 in ordinary form.
7. Calculate 18% of 250.
8. Increase 140 by 20%.
9. Decrease 360 by 15%.
10. A population increases from 1500 to 1800. What is the percentage increase?
11. A price drops from £90 to £72. Find the percentage decrease.
12. Add $\frac{5}{12} + \frac{7}{18}$.
13. Subtract $\frac{3}{8} - \frac{1}{6}$.
14. Multiply $\frac{7}{9} \times \frac{3}{5}$.
15. Divide $\frac{4}{7} \div \frac{2}{3}$.
16. Write 0.6 as a percentage.
17. Express 250% as a decimal.
18. Simplify the ratio 75:100.
19. Share £84 in the ratio 7:5.
20. Find the cube root of 216.
21. Calculate $2^5 + 3^3$.
22. Evaluate $81^{\frac{1}{2}}$.
23. Calculate $(6 \times 10^4) \div (3 \times 10^2)$.
24. Write 0.00075 in standard form.
25. Convert 9.3×10^{-3} to decimal.

26. Simplify $5^3 \times 5^2$.
27. Find x : $3^x = 27$.
28. Calculate the square root of 144.
29. Round 7824 to nearest 1000.
30. Round 0.02149 to 3 significant figures.
31. Write $\frac{3}{25}$ as a decimal.
32. Calculate 45% of 180.
33. A TV price is £500 and increases by 10%. Find the new price.
34. Simplify $(x^4 \times x^2) \div x^3$.
35. Solve for y : $4y - 5 = 15$.
36. Simplify the ratio 32:48.
37. Write $\frac{7}{20}$ as a decimal.
38. Find the reciprocal of 0.2.
39. Convert 3.4 to an improper fraction.
40. Add $5.4 + 3.6 + 2.5$.
41. Multiply 0.8×0.25 .
42. Calculate 10^1 .
43. Evaluate $(8^2 - 4^2) \div 4$.
44. Multiply $(3 \times 10^3) \times (2 \times 10^{-2})$.
45. Write 52000 in standard form.
46. Calculate $30 \div 0.6$.
47. Simplify $\frac{9}{15} + \frac{6}{10}$.
48. Find the LCM of 10, 15, and 20.
49. Calculate 55% of 220.
50. A coat costs £90 after 10% discount. Find original price.
51. Convert 15% to a fraction.
52. Find HCF of 48 and 72.
53. Express $3 \frac{1}{2}$ as an improper fraction.

54. Simplify $(4x^3y)/(8xy^2)$.
55. Evaluate $3^4 \div 3^2$.
56. Calculate $(2/3)^2$.
57. Write 0.0003 in standard form.
58. Solve for x: $5x + 3 = 23$.
59. Simplify $7x + 2x - 3x$.
60. Find mean of 7, 10, 13, 16, and 19.
61. Calculate 15% of 300.
62. Simplify $(3/4) \div (1/2)$.
63. Multiply 8.5×0.2 .
64. Write 2.3×10^3 in ordinary form.
65. Simplify $(4^5 \div 4^2) \times 4$.
66. Express 243 as a power of 3.
67. Write $1/5$ as a decimal.
68. Calculate 3% of 400.
69. Write ratio 4:9 as fractions of total.
70. Simplify $(x^5y^3) \div (x^2y)$.
71. Multiply $7^2 \times 7^4$.
72. Evaluate $(125)^{(2/3)}$.
73. Find cube root of 27.
74. Convert $3\frac{2}{7}$ to improper fraction.
75. Calculate square of 16.
76. Round 0.00567 to 3 sig figs.
77. Add $3/8 + 5/16$.
78. Simplify $(3x + 4) - (x - 6)$.
79. Evaluate $(4 \times 10^3) + (6 \times 10^2)$.
80. Calculate percentage decrease from 400 to 320.
81. Express 2.7×10^{-3} as decimal.

82. Convert 0.02 to percentage.
83. Simplify $10/15$.
84. Simplify $7/14 - 1/7$.
85. Find x if 50% of $x = 30$.
86. Write $4/25$ as decimal.
87. Calculate $7^0 + 3^0$.
88. Simplify $(8x^2 y) \div (2x y^3)$.
89. Find LCM of 6 and 8.
90. Evaluate $3^3 \times 3^2$.
91. Calculate square root of 196.
92. Find reciprocal of $5/9$.
93. Write 81 as power of 9.
94. Simplify $(20/30) + (10/15)$.
95. Calculate 110% of 200.
96. Convert 0.0009 to standard form.
97. Write $5 \frac{1}{4}$ as improper fraction.
98. Subtract $11/12 - 5/6$.
99. Simplify 10×10^2 .
100. Calculate $(0.4 + 0.6)^2 - 2(0.4)(0.6)$.