GCSE Maths — Numbers Practice Questions SET 4

1. Simplify 90/150.

2. Convert 0.3 to a fraction.

3. Find the HCF of 56 and 84.

4. Find the LCM of 18 and 24.

5. Write 0.0051 in standard form.

6. Express 7.45×10^2 in ordinary form.

7. Calculate 25% of 160.

8. Increase 180 by 18%.

9. Decrease 225 by 10%.

10. A population increases from 2200 to 2640. What is the percentage increase?

11. A price drops from £75 to £60. Find the percentage decrease.

12. Add 7/15 + 4/9.

13. Subtract 5/6 - 1/3.

14. Multiply 9/11 × 5/8.

15. Divide 7/12 ÷ 3/5.

16. Write 0.85 as a percentage.

17. Express 180% as a decimal.

18. Simplify the ratio 64:80.

19. Share £105 in the ratio 3:4.

20. Find the cube root of 729.

21. Calculate $5^3 + 4^3$.

22. Evaluate $64^{(1/2)}$.

23. Calculate $(8 \times 10^5) \div (2 \times 10^2)$.

24. Write 0.00043 in standard form.

25. Convert 2.7×10^{-3} to decimal.

26. Simplify 6^4 × 6^2.

27. Find x: 2^x = 32.

28. Calculate the square root of 81.

29. Round 5390 to nearest 100.

30. Round 0.04275 to 2 significant figures.

31. Write 7/50 as a decimal.

32. Calculate 38% of 210.

33. A laptop price is £950 and increases by 12%. Find the new price.

34. Simplify (x^6 × x^2) ÷ x^5.

35. Solve for y: 3y + 4 = 22.

36. Simplify the ratio 45:60.

37. Write 11/25 as a decimal.

38. Find the reciprocal of 0.5.

39. Convert 4.25 to an improper fraction.

40. Add 6.3 + 2.7 + 4.5.

41. Multiply 0.5 × 0.6.

42. Calculate 10^3.

43. Evaluate (10^2 - 6^2) ÷ 8.

44. Multiply (4 × 10^2) × (5 × 10^-3).

45. Write 47000 in standard form.

46. Calculate 36 ÷ 0.4.

47. Simplify 8/12 + 5/15.

48. Find the LCM of 12, 18, and 24.

49. Calculate 60% of 90.

50. A coat costs £75 after 15% discount. Find original price.

51. Convert 2% to a fraction.

52. Find HCF of 36 and 60.

53. Express 4 2/3 as an improper fraction.

54. Simplify $(5x^4 y)/(10x^2 y^3)$.

55. Evaluate $4^5 \div 4^3$.

56. Calculate $(3/4)^2$.

57. Write 0.0006 in standard form.

58. Solve for x: $6x - 7 = 29$.

59. Simplify $8x + 5x - 6x$.

60. Find mean of 9, 11, 14, 17, and 22.

61. Calculate 12% of 250.

62. Simplify $(7/8) \div (1/4)$.

63. Multiply 9.7×0.1.

64. Write 5.6×10^3 in ordinary form.

65. Simplify $(3^6 \div 3^3) \times 3^2$.

66. Express 243 as a power of 3.

67. Write 1/8 as a decimal.

68. Calculate 5% of 360.

69. Write ratio 3:5 as fractions of total.

70. Simplify $(x^7 y^4) \div (x^3 y^2)$.

71. Multiply $8^3 \times 8^2$.

72. Evaluate $(64)^{(2/3)}$.

73. Find cube root of 125.

74. Convert 5 3/8 to improper fraction.

75. Calculate square of 17.

76. Round 0.006839 to 3 sig figs.

77. Add $5/12 + 7/18$.

78. Simplify $(4x + 5) - (2x - 7)$.

79. Evaluate $(5 \times 10^3) + (6 \times 10^2)$.

80. Calculate percentage decrease from 450 to 360.

81. Express 3.8×10^{-3} as decimal.

82. Convert 0.015 to percentage.

83. Simplify 8/12.

84. Simplify 9/18 - 2/9.

85. Find x if 30% of x = 45.

86. Write 7/20 as decimal.

87. Calculate $4^0 + 6^0$.

88. Simplify $(6x^2 y) \div (3x y^3)$.

89. Find LCM of 7 and 14.

90. Evaluate $4^3 \times 4^2$.

91. Calculate square root of 169.

92. Find reciprocal of 7/12.

93. Write 64 as power of 2.

94. Simplify (15/20) + (5/10).

95. Calculate 125% of 80.

96. Convert 0.00045 to standard form.

97. Write 6 3/4 as improper fraction.

98. Subtract 9/10 - 2/5.

99. Simplify 5×10^3.

100.   Calculate $(0.7 + 0.3)^2 - 2(0.7)(0.3)$.