GCSE Maths — Numbers Practice Questions SET 2

1. Write 0.0085 as a fraction in simplest form.

2. Convert 3.75 to a fraction.

3. Simplify 81/243.

4. Find the HCF of 36 and 54.

5. Find the LCM of 15 and 25.

6. Express 4500 in standard form.

7. Write 5.67×10^4 in ordinary form.

8. Convert 0.00032 to standard form.

9. Calculate 20% of 350.

10. Increase 60 by 25%.

11. Decrease 150 by 12%.

12. A quantity increases from 400 to 500. What is the percentage increase?

13. A population falls from 6000 to 4800. Find the percentage decrease.

14. Simplify (7/9) + (5/18).

15. Subtract (11/15) - (8/25).

16. Multiply (3/4) × (7/10).

17. Divide (5/6) ÷ (2/3).

18. Write 0.45 as a percentage.

19. Express 125% as a decimal.

20. Simplify the ratio 45:60.

21. Share £96 in the ratio 5:7.

22. Find the cube root of 343.

23. Calculate $4^3 + 3^3$.

24. Evaluate $16^{(3/4)}$.

25. Calculate $(5 \times 10^3) \div (2 \times 10^1)$.

26. Write 0.00056 in standard form.

27. Write 8.1 × 10^-2 as a decimal.

28. Simplify 7^2 × 7^3.

29. Find x: 12^x = 144.

30. Calculate the square root of 196.

31. Round 4567 to the nearest 100.

32. Round 0.0847 to 2 significant figures.

33. Express 3/20 as a decimal.

34. Calculate 35% of 500.

35. A laptop price is £800 and increases by 15%. What is the new price?

36. Simplify (x^5 × x^3) ÷ x^4.

37. Solve for y: 5y - 3 = 17.

38. Simplify the ratio 24:36.

39. Write 7/16 as a decimal.

40. Find the reciprocal of 0.125.

41. Convert 2.75 to an improper fraction.

42. Add 3.2 + 4.8 + 5.6.

43. Multiply 0.4 × 0.3.

44. Calculate 10^0.

45. Evaluate (9^2 - 3^2) ÷ 6.

46. Multiply (2 × 10^2) × (4 × 10^-3).

47. Write 25000 in standard form.

48. Calculate 18 ÷ 0.25.

49. Simplify 6/15 + 8/20.

50. Find the LCM of 8, 12, and 20.

51. Calculate 52% of 150.

52. A jacket costs £120 after a 20% discount. What was the original price?

53. Convert 7.5% to a fraction in simplest form.

54. Find the HCF of 42 and 56.

55. Express 2 1/4 as an improper fraction.

56. Simplify $(3x^2 y)/(6xy^3)$.

57. Evaluate $2^5 \div 2^2$.

58. Calculate $(1/3)^3$.

59. Write 0.0009 in standard form.

60. Solve for x: $3x + 7 = 25$.

61. Simplify $3x + 4x - 5x$.

62. Find the mean of 5, 8, 12, 15, and 20.

63. Calculate 18% of 450.

64. Simplify $(4/5) \div (2/3)$.

65. Multiply 12.3×0.1.

66. Write 5.02×10^3 in ordinary form.

67. Simplify $(7^4 \div 7^2) \times 7$.

68. Express 81 as 3 raised to a power.

69. Write 1/6 as a decimal.

70. Calculate 2.5% of 360.

71. Write the ratio 5:8 as fractions of a total.

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

73. Multiply $6^2 \times 6^3$.

74. Evaluate $(27)^{(2/3)}$.

75. Find the cube root of 64.

76. Convert 4 1/5 to an improper fraction.

77. Calculate the square of 14.

78. Round 0.00748 to 3 significant figures.

79. Add 2/5 + 3/8.

80. Simplify $(2x + 3) - (x - 5)$.

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

82. Calculate the percentage decrease from 500 to 375.

83. Express 3.5 × 10^-3 as a decimal.

84. Convert 0.008 to a percentage.

85. Write 15/20 in simplest form.

86. Simplify 6/9 - 1/3.

87. Find x if 70% of x = 42.

88. Write 3/10 as a decimal.

89. Calculate 8^0 + 5^0.

90. Simplify (9x^2 y) ÷ (3x y^3).

91. Find the LCM of 9 and 12.

92. Evaluate 2^4 × 2^5.

93. Calculate the square root of 225.

94. Find the reciprocal of 2/7.

95. Write 64 as a power of 4.

96. Simplify (15/25) + (10/20).

97. Calculate 120% of 150.

98. Convert 0.0045 to standard form.

99. Write 3 2/3 as an improper fraction.

100.   Subtract 7/8 - 1/4.