

VI CLASS

DECIMAL FRACTIONS

1. Fractions having 10, 100, 1000, 10000 in the denominator are called _____ fractions.
2. In 29.32, whole no. part is _____ and decimal part is _____
3. Write “ thirty four & three tenths” as a decimal. _____
4. $\frac{1}{10} = \frac{\bigcirc}{100}$
5. Compare $\frac{1}{10}$ \bigcirc $\frac{3}{10}$
6. $\frac{2}{10} + \frac{3}{10} =$ _____
7. $\frac{17}{1000} + \frac{29}{1000} + \frac{307}{1000} =$ _____
8. $\frac{6}{10} - \frac{50}{100} =$ _____
9. The decimal point is placed between the _____ part and _____ part.
10. The decimal part of the number is always _____ 1.
11. The value of a decimal fraction is not changed by placing any number of _____ at the end.
12. Write in figures “Two hundred eight point four zero seven” _____
13. Write the numeration of 523.146 “ _____”.
14. Write the place value of 6 in 58.263 is _____
15. 5 tenths = _____
16. Write the expanded form of
 - a) 0.175 is _____.
 - b) 8.302 is _____.
17. How many tenths make 1? _____.

18. How many hundredths make a tenth? How many hundredths make 1?

19. Write the decimal form of

a) $\frac{14}{100}$ is _____ c) $\frac{36}{1000}$ is _____ e) $15\frac{1}{4}$ is _____

b) $\frac{82}{10}$ is _____ d) $10\frac{1}{2}$ is _____ f) $3\frac{1}{8}$ is _____

20. Write the fractional form of

a) 0.15 is _____ c) 0.100 is _____ e) 3.8 is _____

b) 0.32 is _____ d) 54.36 is _____ f) 1.65 is _____

21. Change $14\frac{23}{25}$ into a decimal fraction _____.

22. A fraction is converted into a decimal fraction by dividing _____ by the _____.

23. a) Short form of $6 + \frac{3}{10} + \frac{8}{100} + \frac{9}{1000} =$ _____

b) Short form of $53 + \frac{9}{100} + \frac{7}{1000} =$ _____

c) Short form of $\frac{4}{10} + \frac{6}{100} + \frac{7}{1000} =$ _____

24. Fill in the blank with correct symbol

(a) 7.7 ____ 6.1 (b) 0.4 ____ 0.04 (c) 0.246 ____ 0.3

25. "Fill in the blank using correct symbol" (a) 8.8152 ____ 8.8189

(b) Which is greater 0.1, 0.01 (or) 0.001 ? Give reason

(c) Which is greater 0.5, 0.05 (or) 0.005 ? Give reason

BASIC OPERATIONS ON DECIMALS

26. $2.14 + 1.05 =$ _____

27. $30.40 - 4.81 =$ _____

28. $1.246 \times 4 =$ _____

29. $5.3276 \times 10 =$ _____

30. $5.3276 \times 100 =$ _____

31. $45.28 \times 1.36 =$ _____
32. $45.6 \div 1000 =$ _____
33. $123.04 \div 8 =$ _____
34. 1 kilometre = _____ m
35. 1 milli metre = _____ cm
36. $5 \text{ Km} + 2 \text{ Hm} + 6 \text{ Dm} + 7 \text{ m} + 1 \text{ dm} + 3 \text{ cm} + 8 \text{ mm} =$ _____ Km.
37. Express 16.5 mm in the form of higher denominations _____
38. $1.246 \times 4 =$ _____
39. $0.25 \times 0.16 =$ _____
40. $21.12 \div 1.6 =$ _____
41. Sum of 0.3, 0.03 and 0.003 is _____
42. Sum of 1.8, 16.3 and 72.985 is _____
43. Difference of 32 and 27.091 is _____
44. Product of 78.12 and 1.5 is _____
45. Product of 3.92, 1.2, 0.0, 6.3 is _____
46. $0.05 \times 0.09 \times 5$ equal to _____
47. $9.86 \div 10 =$ _____
48. Divide 6.25 by 2.5 _____
49. If $2805 \div 2.55 = 1100$ then $280.5 \div 25.5 =$ _____ []
 a) 1.1 b) 0.11 c) 1.01 d) 11
50. If 0.111 is approximately equal to $\frac{1}{9}$, then the approximate value of 0.777 is _____
51. If the cost of 15 pens is Rs.148.50, then the cost of one pen = _____
52. The cost of 1 litre milk is Rs.7.50, then the cost of 30.50 litres of milk is _____

53. The sum of 2 numbers is 31.021. If one of them is 11.56, then the other number is _____

54. $143.6 \div 2000 =$ _____

55. 15.29 and 16.96 are _____ decimals (like, unlike, equivalent) .

56. $\frac{1}{2} =$ _____ %

57. $0.3 =$ _____ %

58. Express 18% as a fraction in lowest form _____

59. $0.85 =$ _____ %

60. $\frac{7}{10} =$ _____ %

61. $0.005 =$ _____ %

62. $45\% =$ _____ (in decimal)

$=$ _____ (in fraction)

Write in decimal:

63. 100 ml = _____ litres

64. 8kg 550 g = _____ kg

65. 850m = _____ km