



1. Which of the following is true?

- (i) $0.5 - 0.3 = 0.2$ (ii) $0.5 + 0.4 = 0.1$ (iii) $0.1 - 1.0 = 1.1$ (iv) $0.7 - 0.5 = 1.2$ (v) $0.9 + 0.6 = 0.3$

2. Which of the following fractions converts to a terminating decimal?

- (i) $\frac{1}{24}$ (ii) $\frac{355}{18}$ (iii) $\frac{4800}{125}$ (iv) $\frac{1}{42}$ (v) $\frac{1}{3}$

3. The decimal part of the decimal number 88.1 is

- (i) 88 (ii) 881 (iii) 1 (iv) 8 (v) 98

4. Express $\frac{73}{98}$ as a decimal correct to 2 decimal places

- (i) 0.74 (ii) 0.84 (iii) 0.54 (iv) 0.64 (v) 0.94

5. $313.675 \div \underline{\hspace{2cm}} = 9.892$

- (i) 30.71 (ii) 32.71 (iii) 33.71 (iv) 29.71 (v) 31.71

6. Multiply 8.03 with 10000

- (i) 803000 (ii) 80300 (iii) 8030000 (iv) 803 (v) 8030

7. Which of the following decimal numbers lie between 2955.4 and 2955.5?

- (i) 2955.33 (ii) 2955.47 (iii) 2955.47 (iv) 295.55 (v) 2955.58

8. Sort the following decimals in ascending order

1.0670 , 1.0155 , 1.0399 , 1.0608 , 1.0863 , 1.0846

- (i) 1.0670, 1.0863, 1.0155, 1.0399, 1.0608, 1.0846 (ii) 1.0155, 1.0399, 1.0608, 1.0670, 1.0846, 1.0863
(iii) 1.0608, 1.0846, 1.0399, 1.0670, 1.0155, 1.0863 (iv) 1.0863, 1.0608, 1.0670, 1.0155, 1.0846, 1.0399
(v) 1.0670, 1.0863, 1.0155, 1.0846, 1.0608, 1.0399

9. Convert the non-terminating recurring decimal $19.\overline{619047}$ to rational number

- (i) $\frac{138}{7}$ (ii) $\frac{412}{19}$ (iii) $\frac{410}{21}$ (iv) $\frac{412}{21}$ (v) $\frac{412}{23}$

10. The value of $3.01 - 8.09$ is

- (i) -4.98 (ii) -5.28 (iii) -5.18 (iv) -5.08 (v) -4.88

11. The value of 2.07×4.4 is

- (i) 9.108 (ii) 9.308 (iii) 8.908 (iv) 9.208 (v) 9.008

12. Which of the following is a pure recurring decimal?

- (i) 13.61111111111111... (ii) 18.55555555555555... (iii) 16.72222222222222...
(iv) 12.27777777777777... (v) 4.72222222222222...

13. The decimal number 3.0051 lies between

- (i) {3.0031,3.0041} (ii) {3.0041,3.0061} (iii) {3.0061,3.0071} (iv) {3.0049,3.0050}
(v) {3.0052,3.0053}

14. Find the H.C.F of the following decimal numbers 40.32, 60.48, 30.24

- (i) 10.08 (ii) 9.08 (iii) 8.08 (iv) 11.08 (v) 12.08

Write the decimal number of the expanded form :

15. $7 + \frac{8}{10} + \frac{8}{100} + \frac{8}{1000}$

- (i) 0.07888 (ii) 7.0888 (iii) 0.7888 (iv) 7.00888 (v) 7.888

16. Sort the following decimals in ascending order

7.8023 , 7.0416 , 7.6024 , 6.1263 , 6.1560 , 6.1504

- (i) 6.1560,7.8023,6.1263,6.1504,7.6024,7.0416 (ii) 6.1263,6.1504,6.1560,7.0416,7.6024,7.8023
(iii) 7.6024,6.1504,6.1560,7.8023,7.0416,6.1263 (iv) 7.6024,6.1263,7.0416,6.1560,7.8023,6.1504
(v) 7.0416,6.1263,7.8023,6.1504,7.6024,6.1560

17. Find the L.C.M of the following decimal numbers 30.24, 12.96, 25.92

- (i) 179.44 (ii) 180.44 (iii) 181.44 (iv) 183.44 (v) 182.44

18. Find the period of the recurring decimal 7.77777777777777...

- (i) 2 (ii) 70 (iii) 1 (iv) 0 (v) 7

19. Divide 4.08 with 100

- (i) 0.408 (ii) 4.08 (iii) 0.00408 (iv) 0.000408 (v) 0.0408

20. $210.9041 \div \underline{\hspace{2cm}} = 5.1066$

- (i) 43.3003 (ii) 42.3003 (iii) 40.3003 (iv) 41.3003 (v) 39.3003

21. Find the L.C.M of the following decimal numbers 352.8, 705.6, 470.4

- (i) 1413.2 (ii) 1409.2 (iii) 1412.2 (iv) 1410.2 (v) 1411.2

Write the decimal number of the expanded form :

22. $2 + \frac{3}{10} + \frac{9}{100} + \frac{7}{1000}$

- (i) 2.397 (ii) 0.2397 (iii) 2.00397 (iv) 2.0397 (v) 0.02397

23. The value of $23.19 \div 69.51$ is

- (i) 0.23 (ii) 0.53 (iii) 0.33 (iv) 0.13 (v) 0.43

24. $3.08 \times 2 = \underline{\hspace{2cm}}$

- (i) 6.16 (ii) 7.16 (iii) 5.16 (iv) 8.16 (v) 4.16

25. Convert the non-terminating recurring decimal $0.3333333333333333\dots$ to rational number

- (i) $\frac{1}{5}$ (ii) $(-\frac{1}{3})$ (iii) 1 (iv) $\frac{1}{3}$

Assignment Key

1) (i)	2) (iii)	3) (iii)	4) (i)	5) (v)	6) (ii)
7) (iii)	8) (ii)	9) (iv)	10) (iv)	11) (i)	12) (ii)
13) (ii)	14) (i)	15) (v)	16) (ii)	17) (iii)	18) (v)
19) (v)	20) (iv)	21) (v)	22) (i)	23) (iii)	24) (i)
25) (iv)					