



1. Express $\frac{9}{10}$ as a decimal correct to 1 decimal places

- (i) 9 (ii) 0.1 (iii) 0.7 (iv) 0.9 (v) 1

2. Express $\frac{97}{100}$ as a decimal correct to 2 decimal places

- (i) 0.1 (ii) 0.97 (iii) 0.77 (iv) 1.07 (v) 9.7

3. Express $\frac{423}{1000}$ as a decimal correct to 3 decimal places

- (i) 0.223 (ii) 0.423 (iii) 0.523 (iv) 4.23 (v) 0.042

4. Express $\frac{9257}{10000}$ as a decimal correct to 4 decimal places

- (i) 9.257 (ii) 0.0926 (iii) 0.7257 (iv) 0.9257 (v) 1.0257

5. $4.3 =$

- (i) $\frac{43}{10}$ (ii) $\frac{43}{100}$ (iii) $\frac{43}{1000}$ (iv) 43 (v) 430

6. $6.1 =$

- (i) $\frac{61}{100}$ (ii) $\frac{61}{1000}$ (iii) $\frac{61}{10}$ (iv) 61 (v) 610

7. $17.56 =$

- (i) $\frac{439}{2500}$ (ii) $\frac{439}{25}$ (iii) $\frac{878}{5}$ (iv) 1756 (v) $\frac{439}{250}$

8. $5.606 =$

- (i) $\frac{2803}{5}$ (ii) $\frac{2803}{50}$ (iii) $\frac{2803}{50000}$ (iv) $\frac{2803}{500}$ (v) $\frac{2803}{5000}$

9. $9.7 =$

- (i) 97 (ii) 970 (iii) $\frac{97}{100}$ (iv) $\frac{97}{10}$ (v) $\frac{97}{1000}$

10. $9.16 =$

- (i) $\frac{229}{250}$ (ii) $\frac{458}{5}$ (iii) $\frac{229}{25}$ (iv) $\frac{229}{2500}$ (v) 916

11. $9.45 =$

- (i) 945 (ii) $\frac{189}{2}$ (iii) $\frac{189}{2000}$ (iv) $\frac{189}{20}$ (v) $\frac{189}{200}$

12. $8.127 =$

- (i) $\frac{8127}{1000}$ (ii) $\frac{8127}{10000}$ (iii) $\frac{8127}{10}$ (iv) $\frac{8127}{100}$ (v) $\frac{8127}{100000}$

13. The recurring part of the decimal $27.\overline{380952}$ is

- (i) 27.380952 (ii) 380952 (iii) 3809523380952 (iv) 380952380952 (v) 38095232

14. The recurring part of the decimal $0.3333333333333333\dots$ is

- (i) 3 (ii) 330 (iii) 0.3 (iv) 33 (v) 333

15. Convert the non-terminating recurring decimal $20.\overline{8}$ to rational number

- (i) $\frac{190}{9}$ (ii) $\frac{188}{9}$ (iii) $\frac{62}{3}$ (iv) $\frac{188}{11}$ (v) $\frac{188}{7}$

16. Convert the non-terminating recurring decimal $25.22222222222222\dots$ to rational number

- (i) $\frac{227}{7}$ (ii) $\frac{227}{9}$ (iii) 25 (iv) $\frac{227}{11}$ (v) $\frac{229}{9}$

17. Convert the fraction $\frac{131}{9}$ to non-terminating recurring decimal

- (i) $14.\overline{5}$ (ii) $0.14\overline{5}$ (iii) $145.\overline{5}$ (iv) $1455.\overline{5}$ (v) $1.4\overline{5}$

18. Convert the fraction $\frac{634}{27}$ to non-terminating recurring decimal

- (i) $234.\overline{814}$ (ii) $23.\overline{481}$ (iii) $2.3\overline{481}$ (iv) $0.23\overline{481}$ (v) $2348.\overline{148}$

19. Which of the following fractions converts to a non-terminating recurring decimal?

- (i) $\frac{97}{2}$ (ii) $\frac{1900}{40}$ (iii) $\frac{95}{1}$ (iv) $\frac{3825}{128}$ (v) $\frac{1}{3}$

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

- (i) $\frac{119}{9}$ (ii) $\frac{2652}{100}$ (iii) $\frac{119}{81}$ (iv) $\frac{17}{18}$ (v) $\frac{139}{9}$

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

- (i) $30.77777777777777\dots$ (ii) $7.27777777777777\dots$ (iii) $0.43333333333333\dots$ (iv) $13.72222222222222\dots$

22. Which of the following is a mixed recurring decimal?

- (i) $22.88888888888888\dots$ (ii) $27.55555555555555\dots$ (iii) $8.27777777777777\dots$ (iv) $26.88888888888888\dots$
(v) $4.52380952380952\dots$

23. Express $\frac{5}{6}$ as a decimal correct to 2 decimal places

- (i) 0.63 (ii) 8.33 (iii) 0.83 (iv) 0.08 (v) 0.93

24. Express $\frac{13}{18}$ as a decimal correct to 2 decimal places

- (i) 0.82 (ii) 7.22 (iii) 0.07 (iv) 0.72 (v) 0.52

25. Express $\frac{11}{25}$ as a decimal correct to 2 decimal places

- (i) 4.4 (ii) 0.44 (iii) 0.54 (iv) 0.24 (v) 0.04

26. Express $\frac{33}{13}$ as a decimal correct to 2 decimal places

- (i) 2.34 (ii) 0.25 (iii) 25.38 (iv) 2.54 (v) 2.64

27. Express $\frac{7}{8}$ as a decimal correct to 1 decimal places

- (i) 0.9 (ii) 0.7 (iii) 1 (iv) 1.1 (v) 0.8

28. Express $\frac{1}{2}$ as a decimal correct to 2 decimal places

- (i) 0.7 (ii) 0.6 (iii) 0.4 (iv) 0.5 (v) 0.3

29. Express $\frac{7}{10}$ as a decimal correct to 3 decimal places

- (i) 0.6 (ii) 0.8 (iii) 0.9 (iv) 0.7 (v) 0.5

30. Express $\frac{6}{5}$ as a decimal correct to 4 decimal places

- (i) 1.1 (ii) 1 (iii) 1.2 (iv) 1.4 (v) 1.3

31. Express $\frac{79}{69}$ as a decimal correct to 1 decimal places

- (i) 0.9 (ii) 1.1 (iii) 1.3 (iv) 1.2 (v) 1

32. Express $\frac{95}{16}$ as a decimal correct to 2 decimal places

- (i) 5.74 (ii) 6.04 (iii) 6.14 (iv) 5.84 (v) 5.94

33. Express $\frac{28}{85}$ as a decimal correct to 3 decimal places

- (i) 0.529 (ii) 0.429 (iii) 0.229 (iv) 0.329 (v) 0.129

34. Express $\frac{17}{28}$ as a decimal correct to 4 decimal places

- (i) 0.5071 (ii) 0.7071 (iii) 0.4071 (iv) 0.6071 (v) 0.8071

35. Express $\frac{728}{443}$ as a decimal correct to 3 decimal places

- (i) 1.443 (ii) 1.843 (iii) 1.543 (iv) 1.743 (v) 1.643

36. Express $\frac{4784}{6091}$ as a decimal correct to 4 decimal places

- (i) 0.6854 (ii) 0.9854 (iii) 0.7854 (iv) 0.5854 (v) 0.8854

Assignment Key

1) (iv)	2) (ii)	3) (ii)	4) (iv)	5) (i)	6) (iii)
7) (ii)	8) (iv)	9) (iv)	10) (iii)	11) (iv)	12) (i)
13) (ii)	14) (i)	15) (ii)	16) (ii)	17) (i)	18) (ii)
19) (v)	20) (ii)	21) (i)	22) (iii)	23) (iii)	24) (iv)
25) (ii)	26) (iv)	27) (i)	28) (iv)	29) (iv)	30) (iii)
31) (ii)	32) (v)	33) (iv)	34) (iv)	35) (v)	36) (iii)