



1. Express $\frac{7}{10}$ as a decimal correct to 1 decimal places

- (i) 7 (ii) 0.5 (iii) 0.8 (iv) 0.7 (v) 0.1

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

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

3. Express $\frac{841}{1000}$ as a decimal correct to 3 decimal places

- (i) 8.41 (ii) 0.941 (iii) 0.841 (iv) 0.084 (v) 0.641

4. Express $\frac{8093}{10000}$ as a decimal correct to 4 decimal places

- (i) 8.093 (ii) 0.0809 (iii) 0.6093 (iv) 0.9093 (v) 0.8093

5. $8.4 =$

- (i) $\frac{21}{250}$ (ii) $\frac{21}{25}$ (iii) 840 (iv) 84 (v) $\frac{42}{5}$

6. $4.2 =$

- (i) $\frac{21}{500}$ (ii) 420 (iii) $\frac{21}{5}$ (iv) $\frac{21}{50}$ (v) 42

7. $12.34 =$

- (i) $\frac{617}{500}$ (ii) $\frac{617}{50}$ (iii) $\frac{617}{5}$ (iv) $\frac{617}{5000}$ (v) 1234

8. $1.475 =$

- (i) $\frac{59}{400}$ (ii) $\frac{59}{4}$ (iii) $\frac{59}{40}$ (iv) $\frac{295}{2}$ (v) $\frac{59}{4000}$

9. $4.8 =$

- (i) 480 (ii) $\frac{6}{125}$ (iii) 48 (iv) $\frac{24}{5}$ (v) $\frac{12}{25}$

10. $10.12 =$

- (i) $\frac{253}{250}$ (ii) 1012 (iii) $\frac{506}{5}$ (iv) $\frac{253}{25}$ (v) $\frac{253}{2500}$

11. $9.42 =$

- (i) $\frac{471}{5000}$ (ii) $\frac{471}{500}$ (iii) 942 (iv) $\frac{471}{5}$ (v) $\frac{471}{50}$

12. $1.682 =$

- (i) $\frac{841}{500}$ (ii) $\frac{841}{5}$ (iii) $\frac{841}{50}$ (iv) $\frac{841}{50000}$ (v) $\frac{841}{5000}$

13. The recurring part of the decimal $25.\overline{074}$ is

- (i) 0740074 (ii) 074074 (iii) 07402 (iv) 074 (v) 25.074

14. The recurring part of the decimal $11.44444444444444\dots$ is

- (i) 4 (ii) 441 (iii) 11.4 (iv) 444 (v) 44

15. Convert the non-terminating recurring decimal $11.\overline{2}$ to rational number

- (i) $\frac{101}{11}$ (ii) 11 (iii) $\frac{101}{7}$ (iv) $\frac{101}{9}$ (v) $\frac{103}{9}$

16. Convert the non-terminating recurring decimal $23.90476190476190\dots$ to rational number

- (i) $\frac{502}{19}$ (ii) $\frac{500}{21}$ (iii) 24 (iv) $\frac{502}{21}$ (v) $\frac{502}{23}$

17. Convert the fraction $\frac{275}{9}$ to non-terminating recurring decimal

- (i) $30.\overline{5}$ (ii) $3.0\overline{5}$ (iii) $305.\overline{5}$ (iv) $3055.\overline{5}$ (v) $0.30\overline{5}$

18. Convert the fraction $\frac{137}{9}$ to non-terminating recurring decimal

- (i) $1.5\overline{2}$ (ii) $0.15\overline{2}$ (iii) $1522.\overline{2}$ (iv) $152.\overline{2}$ (v) $15.\overline{2}$

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

- (i) $\frac{2470}{40}$ (ii) $\frac{163}{9}$ (iii) $\frac{1768}{5}$ (iv) $\frac{3536}{20}$ (v) $\frac{889}{5}$

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

- (i) $\frac{241}{18}$ (ii) $\frac{1650}{128}$ (iii) $\frac{257}{18}$ (iv) $\frac{241}{324}$ (v) $\frac{241}{144}$

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

- (i) 22.05555555555555... (ii) 23.38888888888888... (iii) 22.09523809523809...
(iv) 23.72222222222222... (v) 9.61111111111111...

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

- (i) 5.90476190476190... (ii) 5.03703703703703... (iii) 26.27777777777777... (iv) 2.11111111111111...
(v) 17.44444444444444...

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

- (i) 1.3 (ii) 1 (iii) 12 (iv) 1.2 (v) 0.12

24. Express $\frac{10}{9}$ as a decimal correct to 2 decimal places

- (i) 1.11 (ii) 11.11 (iii) 0.91 (iv) 1.21 (v) 0.11

25. Express $\frac{40}{13}$ as a decimal correct to 2 decimal places

- (i) 30.77 (ii) 0.31 (iii) 3.18 (iv) 2.88 (v) 3.08

26. Express $\frac{17}{84}$ as a decimal correct to 2 decimal places

- (i) 0.02 (ii) 0.2 (iii) 0.3 (iv) 0 (v) 2.02

27. Express $\frac{6}{5}$ as a decimal correct to 1 decimal places

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

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

- (i) 2.5 (ii) 2.3 (iii) 2.6 (iv) 2.4 (v) 2.7

29. Express $\frac{3}{8}$ as a decimal correct to 3 decimal places

- (i) 0.375 (ii) 0.475 (iii) 0.275 (iv) 0.575 (v) 0.175

30. Express $\frac{1}{10}$ as a decimal correct to 4 decimal places

- (i) 0 (ii) 0.3 (iii) 0.1 (iv) -0.1 (v) 0.2

31. Express $\frac{26}{75}$ as a decimal correct to 1 decimal places

- (i) 0.4 (ii) 0.3 (iii) 0.5 (iv) 0.2 (v) 0.1

32. Express $\frac{65}{72}$ as a decimal correct to 2 decimal places

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

33. Express $\frac{60}{61}$ as a decimal correct to 3 decimal places

- (i) 1.084 (ii) 1.184 (iii) 0.984 (iv) 0.884 (v) 0.784

34. Express $\frac{55}{32}$ as a decimal correct to 4 decimal places

- (i) 1.7188 (ii) 1.6187 (iii) 1.9187 (iv) 1.5188 (v) 1.8188

35. Express $\frac{428}{587}$ as a decimal correct to 3 decimal places

- (i) 0.829 (ii) 0.529 (iii) 0.929 (iv) 0.729 (v) 0.629

36. Express $\frac{4629}{1913}$ as a decimal correct to 4 decimal places

- (i) 2.2198 (ii) 2.3198 (iii) 2.6198 (iv) 2.4198 (v) 2.5198

Assignment Key

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