



1. Express $\frac{5}{3}$ as a decimal correct to 1 decimal places

- (i) 1.6 (ii) 1.8 (iii) 1.7 (iv) 1.5 (v) 1.9

2. Express $\frac{927}{1000}$ as a decimal correct to 3 decimal places

- (i) 1.027 (ii) 0.927 (iii) 0.093 (iv) 0.727 (v) 9.27

3. $4 \times \frac{13}{12} = \underline{\hspace{2cm}}$

- (i) 13 (ii) $\frac{11}{3}$ (iii) $\frac{13}{5}$ (iv) 5 (v) $\frac{13}{3}$

4. The decimal number -8.061 lies between

- (i) {-8.060,-8.059} (ii) {-8.063,-8.062} (iii) {-8.081,-8.071} (iv) {-8.071,-8.051} (v) {-8.051,-8.041}

5. Find the missing value in $\frac{18}{7} - \underline{\hspace{2cm}} = \frac{10}{7}$

- (i) $\frac{8}{9}$ (ii) $\frac{8}{5}$ (iii) $\frac{6}{7}$ (iv) $\frac{10}{7}$ (v) $\frac{8}{7}$

6. Which of the following is true?

- (i) $\frac{14}{3} \times \frac{25}{9} = 1\frac{17}{25}$ (ii) $\frac{35}{4} \div \frac{29}{6} = 42\frac{7}{24}$ (iii) $\frac{25}{8} + \frac{5}{3} = 1\frac{11}{24}$ (iv) $\frac{23}{9} - \frac{32}{13} = 5\frac{2}{117}$ (v) $\frac{32}{11} \div \frac{33}{16} = 1\frac{149}{363}$

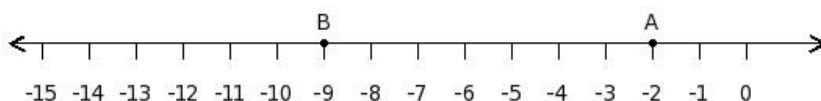
7. The decimal number 1.316 lies between

- (i) {1,2} (ii) {0,1} (iii) {-1,0} (iv) {2,3} (v) {3,4}

8. Which of the following is an irrational number?

- (i) (-6) (ii) $\sqrt{92}$ (iii) $\frac{6}{10}$ (iv) 1 (v) 2.7407

9. Find the difference between the values of numbers at point A and B



- (i) 4 (ii) 10 (iii) 8 (iv) 6 (v) 7

10. The decimal number 950.28 lies between

- (i) {949,950} (ii) {952,953} (iii) {948,949} (iv) {950,951} (v) {951,952}

11. Which of the following decimal numbers lie between 1664 and 1665?

- (i) 16643.8 (ii) 1665.8 (iii) 1664.4 (iv) 1663.8 (v) 166.4

12. The decimal number 603.593 lies between

- (i) {603,604} (ii) {605,606} (iii) {602,603} (iv) {601,602} (v) {604,605}

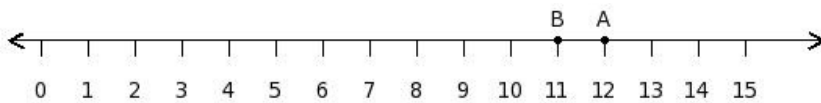
13. Find the missing value in $\frac{3}{8} - \frac{\quad}{\quad} = \frac{5}{24}$

- (i) $\frac{1}{4}$ (ii) $\frac{1}{6}$ (iii) $\frac{1}{8}$ (iv) $(-\frac{1}{6})$ (v) $\frac{1}{2}$

14. Express $\frac{831}{770}$ as a decimal correct to 3 decimal places

- (i) 0.879 (ii) 1.079 (iii) 0.979 (iv) 1.179 (v) 1.279

15. Find the difference between the values of numbers at point A and B



- (i) 1 (ii) 3 (iii) 2 (iv) 0 (v) (-2)

16. Which of the following are true?

- a) whole numbers are closed under addition
- b) whole numbers are closed under subtraction
- c) whole numbers are closed under multiplication
- d) whole numbers are closed under division

- (i) {b,a} (ii) {d,c} (iii) {b,d,a} (iv) {a,c} (v) {b,c,a}

17. The multiplicative inverse of $(-\frac{7}{8})$ is

- (i) $(-\frac{1}{7})$ (ii) $(-2\frac{1}{7})$ (iii) $(-3\frac{1}{7})$ (iv) $(-\frac{8}{7})$ (v) $\frac{6}{7}$

18. The decimal number -7.0043 lies between

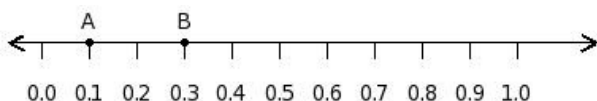
- (i) {-7.0042,-7.0041} (ii) {-7.0045,-7.0044} (iii) {-7.0053,-7.0033} (iv) {-7.0033,-7.0023}
(v) {-7.0063,-7.0053}

19. Find the sum of the rational numbers at the points labelled with letters H and I



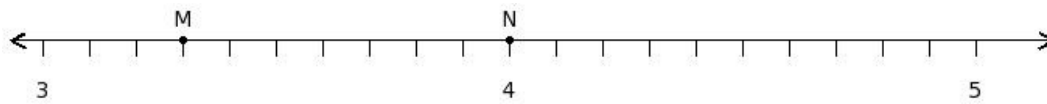
- (i) $(-\frac{37}{5})$ (ii) $(-\frac{39}{5})$ (iii) $(-\frac{25}{3})$ (iv) $(-\frac{53}{7})$ (v) $(-\frac{41}{5})$

20. Find the difference between the decimal values at point A and B



- (i) -0.2000 (ii) -0.4000 (iii) -0.3000 (iv) -0.1000 (v) -0.0000

21. Find the sum of the rational numbers at the points labelled with letters M and N



- (i) $\frac{59}{8}$ (ii) $\frac{29}{4}$ (iii) $\frac{73}{10}$ (iv) $\frac{15}{2}$ (v) $\frac{71}{10}$

22. $17.55 =$

- (i) $\frac{351}{200}$ (ii) $\frac{351}{20}$ (iii) $\frac{351}{2000}$ (iv) $\frac{351}{2}$ (v) 1755

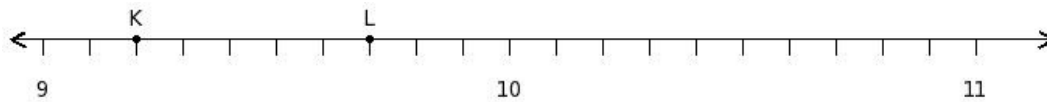
23. The recurring part of the decimal $9.777777777777777\dots$ is

- (i) 7 (ii) 777 (iii) 779 (iv) 9.7 (v) 77

24. $\frac{3}{5} \div 15 =$ _____

- (i) $(\frac{-1}{25})$ (ii) $\frac{1}{23}$ (iii) $\frac{3}{25}$ (iv) $\frac{1}{25}$ (v) $\frac{1}{27}$

25. Find the difference of the rational numbers at the points labelled with letters K and L



- (i) $(\frac{-1}{2})$ (ii) $(\frac{-3}{2})$ (iii) $\frac{1}{2}$ (iv) $(\frac{-1}{4})$ (v) -1

Assignment Key

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