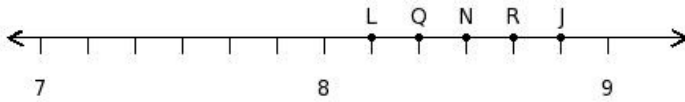


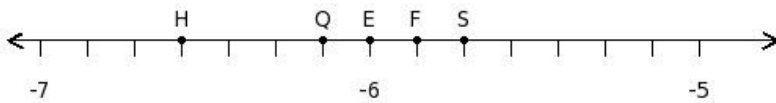


1. Find the position of the rational number  $\frac{25}{3}$  on the number line



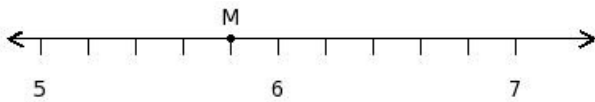
- (i) N (ii) L (iii) Q (iv) R (v) J

2. Find the position of the rational number  $(\frac{-43}{7})$  on the number line



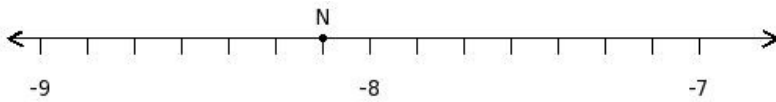
- (i) H (ii) S (iii) Q (iv) F (v) E

3. Find the rational number at the point labelled with letter M



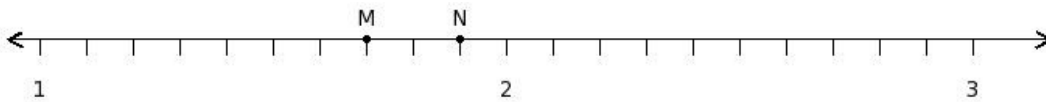
- (i)  $\frac{31}{5}$  (ii)  $\frac{29}{7}$  (iii)  $\frac{29}{3}$  (iv)  $\frac{27}{5}$  (v)  $\frac{29}{5}$

4. Find the rational number at the point labelled with letter N



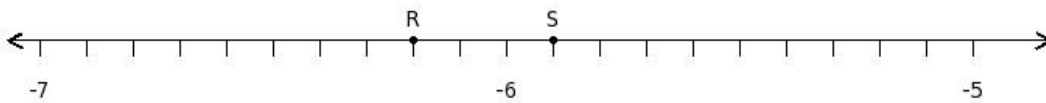
- (i)  $(\frac{-19}{3})$  (ii)  $(\frac{-57}{7})$  (iii)  $(\frac{-59}{7})$  (iv)  $(\frac{-55}{7})$  (v)  $(\frac{-57}{5})$

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



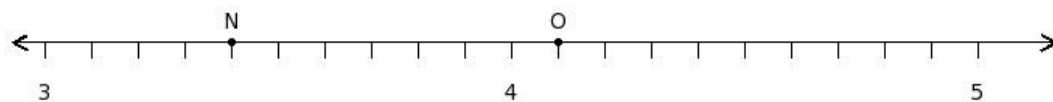
- (i)  $\frac{16}{5}$  (ii)  $\frac{18}{5}$  (iii)  $\frac{24}{7}$  (iv) 4

6. Find the sum of the rational numbers at the points labelled with letters R and S



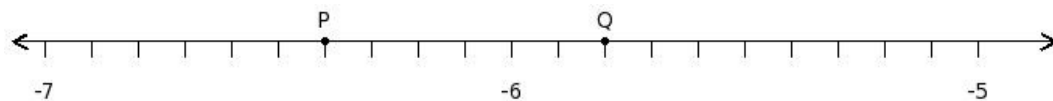
- (i)  $(\frac{-123}{10})$  (ii)  $(\frac{-121}{10})$  (iii)  $(\frac{-119}{10})$  (iv)  $(\frac{-97}{8})$  (v)  $(\frac{-145}{12})$

7. Find the difference of the rational numbers at the points labelled with letters N and O



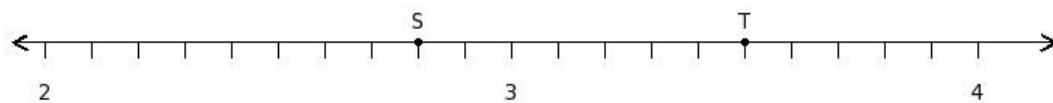
- (i)  $(\frac{-7}{8})$  (ii)  $(\frac{-1}{2})$  (iii)  $(\frac{-7}{12})$  (iv)  $(\frac{-9}{10})$  (v)  $(\frac{-7}{10})$

8. Find the difference of the rational numbers at the points labelled with letters P and Q



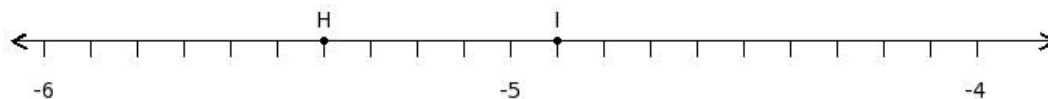
- (i)  $(\frac{-3}{5})$  (ii)  $(\frac{-3}{7})$  (iii)  $(\frac{-1}{5})$  (iv) -1

9. Find the product of the rational numbers at the points labelled with letters S and T



- (i)  $\frac{67}{7}$  (ii)  $\frac{47}{5}$  (iii)  $\frac{51}{5}$  (iv)  $\frac{31}{3}$  (v)  $\frac{49}{5}$

10. Find the product of the rational numbers at the points labelled with letters H and I



- (i)  $\frac{1271}{48}$  (ii)  $\frac{53}{2}$  (iii)  $\frac{1375}{52}$  (iv)  $\frac{1323}{50}$  (v)  $\frac{1321}{50}$

11. The decimal number 23.5 lies between

- (i) {22,23} (ii) {23,24} (iii) {24,25} (iv) {21,22} (v) {25,26}

12. The decimal number 628.20 lies between

- (i) {629,630} (ii) {626,627} (iii) {628,629} (iv) {627,628} (v) {630,631}

13. The decimal number 428.968 lies between

- (i) {427,428} (ii) {426,427} (iii) {429,430} (iv) {428,429} (v) {430,431}

14. The decimal number -40.9 lies between

- (i) {-43,-42} (ii) {-40,-39} (iii) {-41,-40} (iv) {-39,-38} (v) {-42,-41}

15. The decimal number 0.270 lies between

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

16. The decimal number 1.679 lies between

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

17. The decimal number 0.192 lies between

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

18. The decimal number 7.51 lies between

- (i) {7.52,7.53} (ii) {7.49,7.50} (iii) {7.31,7.41} (iv) {7.61,7.71} (v) {7.41,7.61}

19. The decimal number 5.006 lies between

- (i) {5.016,5.026} (ii) {4.996,5.016} (iii) {5.004,5.005} (iv) {4.986,4.996} (v) {5.007,5.008}

20. The decimal number -7.096 lies between

- (i) {-7.106,-7.086} (ii) {-7.086,-7.076} (iii) {-7.095,-7.094} (iv) {-7.098,-7.097} (v) {-7.116,-7.106}

21. The decimal number 9.0086 lies between

- (i) {9.0066,9.0076} (ii) {9.0084,9.0085} (iii) {9.0076,9.0096} (iv) {9.0096,9.0106}  
(v) {9.0087,9.0088}

22. The decimal number -6.0046 lies between

- (i) {-6.0066,-6.0056} (ii) {-6.0036,-6.0026} (iii) {-6.0045,-6.0044} (iv) {-6.0056,-6.0036}  
(v) {-6.0048,-6.0047}

23. Which of the following decimal numbers lie between 1890 and 1891?

- (i) 18908.3 (ii) 1889 (iii) 189.1 (iv) 1890.8 (v) 1891.8

24. Which of the following decimal numbers lie between 7645.1 and 7645.2?

- (i) 7645.23 (ii) 764.52 (iii) 7645.15 (iv) 7645.02 (v) 76451.5

25. Which of the following decimal numbers lie between 1993.25 and 1993.26?

- (i) 199.325 (ii) 19932.544 (iii) 1993.24 (iv) 1993.266 (v) 1993.254

26. Which of the following decimal numbers lie between 8163.726 and 8163.727?

- (i) 816.3726 (ii) 8163.7262 (iii) 81637.2622 (iv) 8163.7254 (v) 8163.7271

27. Which of the following decimal numbers lie between 9636.7454 and 9636.7455?

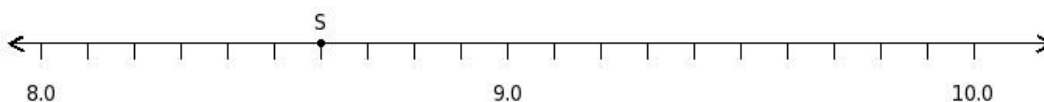
- (i) 96367.4546 (ii) 9636.74538 (iii) 963.67455 (iv) 9636.74546 (v) 9636.74556

28. Find the position of the decimal number 9.6 on the number line



- (i) F (ii) E (iii) R (iv) J (v) M

29. Find the decimal number at the point labelled with letter S



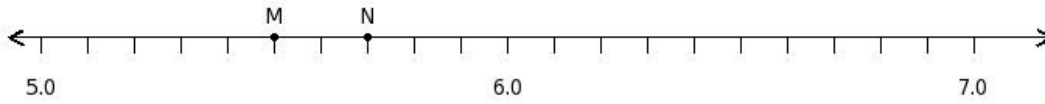
- (i) 8.5 (ii) 9 (iii) 8.9 (iv) 9.1 (v) 8.6

30. Find the sum of the decimal numbers at the points labelled with letters T and U



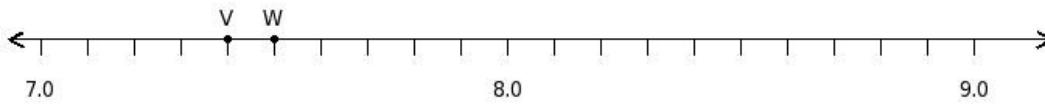
- (i) 4.7 (ii) 5.5 (iii) 5 (iv) 5.6 (v) 5.1

31. Find the difference of the decimal numbers at the points labelled with letters M and N



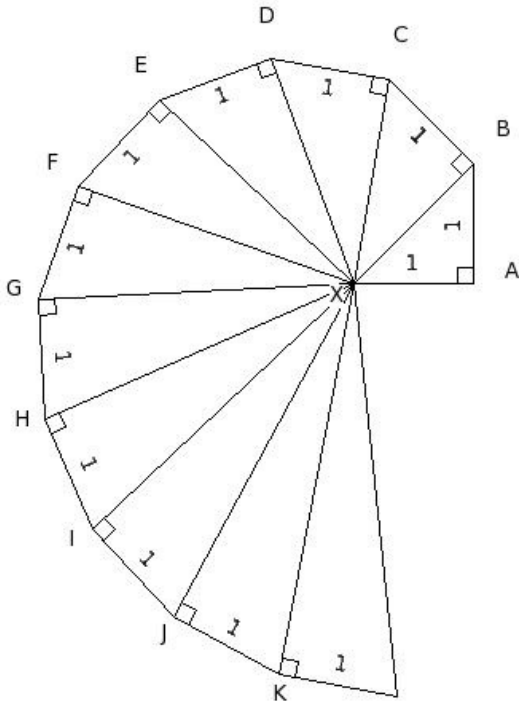
- (i) 0.8 (ii) 0.3 (iii) 0.2 (iv) -0 (v) 0.6

32. Find the product of the decimal numbers at the points labelled with letters V and W



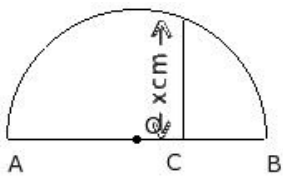
- (i) 56.1 (ii) 55.5 (iii) 55.9 (iv) 55.8 (v) 55.2

33. Find the length of side XJ



- (i)  $\sqrt{10}$  (ii)  $\sqrt{9}$  (iii)  $\sqrt{12}$  (iv)  $\sqrt{14}$

34. If the length of AB = 3.1 cm and CB = 1 cm, find the value of x



- (i)  $\sqrt{2.3}$  cm (ii)  $\sqrt{1.9}$  cm (iii)  $\sqrt{2.1}$  cm



## Assignment Key

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