EduSahara™ Assignment

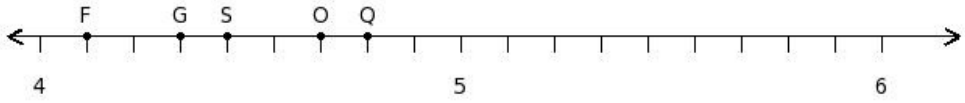
Name : Locating Real Numbers

Chapter : Real Numbers

Grade : SSC Grade IX

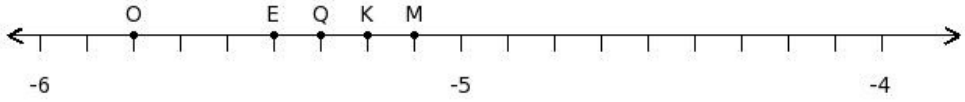
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1. Find the position of the rational number $\frac{40}{9}$ on the number line



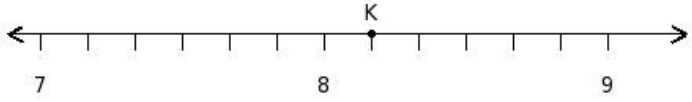
(i) O (ii) Q (iii) S (iv) F (v) G

2. Find the position of the rational number $(\frac{-49}{9})$ on the number line



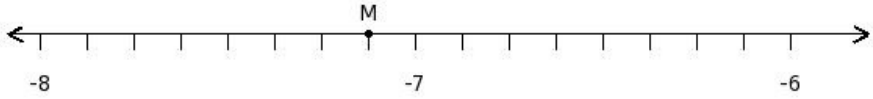
(i) K (ii) Q (iii) O (iv) E (v) M

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



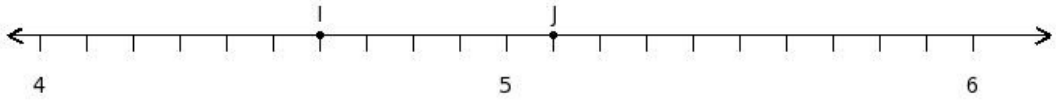
(i) $\frac{47}{6}$ (ii) $\frac{17}{2}$ (iii) $\frac{49}{8}$ (iv) $\frac{49}{6}$ (v) $\frac{49}{4}$

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



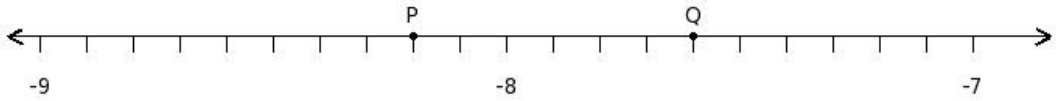
(i) $(\frac{-19}{2})$ (ii) $(\frac{-57}{10})$ (iii) $(\frac{-57}{8})$ (iv) $(\frac{-55}{8})$ (v) $(\frac{-59}{8})$

5. Find the sum of the rational numbers at the points labelled with letters I and J



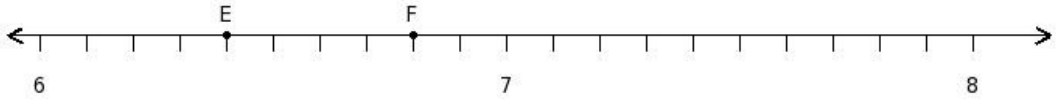
(i) $\frac{99}{10}$ (ii) $\frac{79}{8}$ (iii) $\frac{19}{2}$ (iv) $\frac{115}{12}$ (v) $\frac{97}{10}$

6. Find the sum of the rational numbers at the points labelled with letters P and Q



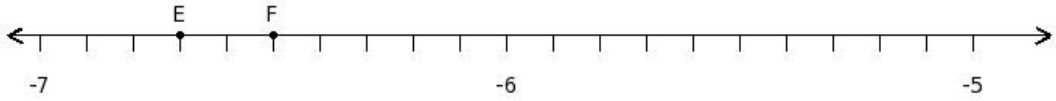
(i) $(\frac{-49}{3})$ (ii) $(\frac{-81}{5})$ (iii) $(\frac{-79}{5})$ (iv) $(\frac{-109}{7})$ (v) $(\frac{-77}{5})$

7. Find the difference of the rational numbers at the points labelled with letters E and F



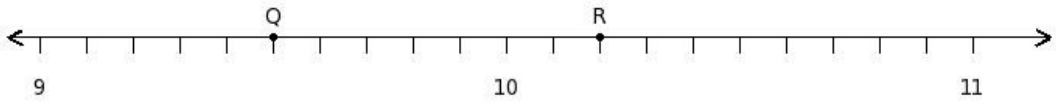
(i) $(\frac{-2}{7})$ (ii) $(\frac{-2}{3})$ (iii) 0 (iv) $(\frac{-2}{5})$ (v) $(\frac{-4}{5})$

8. Find the difference of the rational numbers at the points labelled with letters E and F



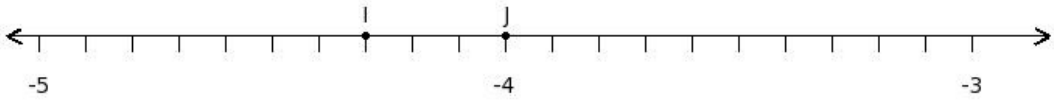
(i) $(\frac{-1}{3})$ (ii) $(\frac{-3}{5})$ (iii) $\frac{1}{5}$ (iv) $(\frac{-1}{7})$ (v) $(\frac{-1}{5})$

9. Find the product of the rational numbers at the points labelled with letters Q and R



(i) $\frac{777}{8}$ (ii) $\frac{969}{10}$ (iii) $\frac{387}{4}$ (iv) $\frac{967}{10}$ (v) $\frac{971}{10}$

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



(i) $\frac{84}{5}$ (ii) $\frac{120}{7}$ (iii) $\frac{52}{3}$ (iv) $\frac{86}{5}$ (v) $\frac{88}{5}$

11. The decimal number 26.8 lies between

(i) {25,26} (ii) {26,27} (iii) {24,25} (iv) {28,29} (v) {27,28}

12. The decimal number 425.88 lies between

(i) {427,428} (ii) {423,424} (iii) {424,425} (iv) {425,426} (v) {426,427}

13. The decimal number 148.822 lies between

(i) {148,149} (ii) {149,150} (iii) {147,148} (iv) {150,151} (v) {146,147}

14. The decimal number -62.1 lies between

(i) {-62,-61} (ii) {-64,-63} (iii) {-61,-60} (iv) {-63,-62} (v) {-65,-64}

15. The decimal number 0.161 lies between

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

16. The decimal number 1.248 lies between

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

17. The decimal number -1.222 lies between

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

18. The decimal number 1.28 lies between

(i) {1.29,1.30} (ii) {1.08,1.18} (iii) {1.38,1.48} (iv) {1.26,1.27} (v) {1.18,1.38}

19. The decimal number 1.033 lies between

(i) {1.043,1.053} (ii) {1.031,1.032} (iii) {1.034,1.035} (iv) {1.013,1.023} (v) {1.023,1.043}

20. The decimal number -4.029 lies between

(i) {-4.049,-4.039} (ii) {-4.019,-4.009} (iii) {-4.031,-4.030} (iv) {-4.028,-4.027} (v) {-4.039,-4.019}

21. The decimal number 0.0019 lies between

(i) {-0.0001,0.0009} (ii) {0.0029,0.0039} (iii) {0.0020,0.0021} (iv) {0.0009,0.0029}

(v) {0.0017,0.0018}

22. The decimal number -8.0076 lies between

(i) {-8.0075,-8.0074} (ii) {-8.0096,-8.0086} (iii) {-8.0066,-8.0056} (iv) {-8.0078,-8.0077}

(v) {-8.0086,-8.0066}

23. Which of the following decimal numbers lie between 5185 and 5186?

(i) 5185.2 (ii) 5186.1 (iii) 518.5 (iv) 5184.4 (v) 51852

24. Which of the following decimal numbers lie between 5295.4 and 5295.5?

(i) 529.55 (ii) 52954.7 (iii) 5295.47 (iv) 5295.53 (v) 5295.39

25. Which of the following decimal numbers lie between 4116.94 and 4116.95?

(i) 4116.933 (ii) 4116.948 (iii) 41169.478 (iv) 4116.952 (v) 411.695

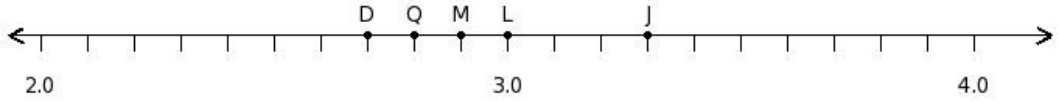
26. Which of the following decimal numbers lie between 8188.198 and 8188.199?

(i) 8188.1987 (ii) 8188.1971 (iii) 8188.1997 (iv) 818.8199 (v) 81881.9867

27. Which of the following decimal numbers lie between 9006.4516 and 9006.4517?

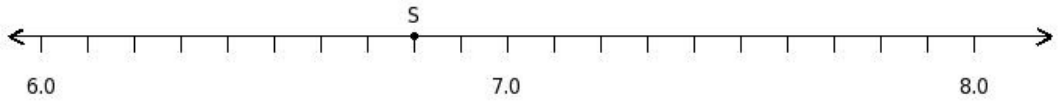
(i) 9006.45166 (ii) 900.64517 (iii) 9006.45176 (iv) 90064.5166 (v) 9006.4515

28. Find the position of the decimal number 3.0 on the number line



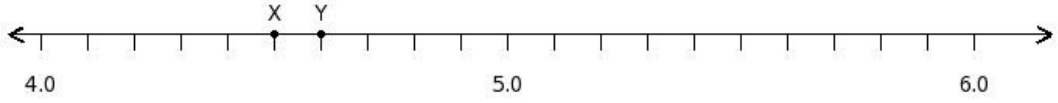
(i) J (ii) L (iii) D (iv) M (v) Q

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



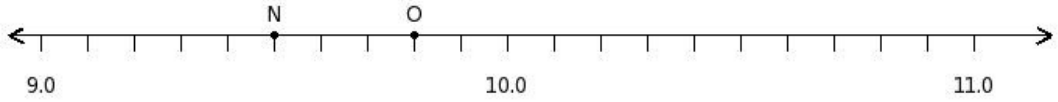
(i) 6.8 (ii) 7.4 (iii) 6.9 (iv) 7.2 (v) 6.7

30. Find the sum of the decimal numbers at the points labelled with letters X and Y



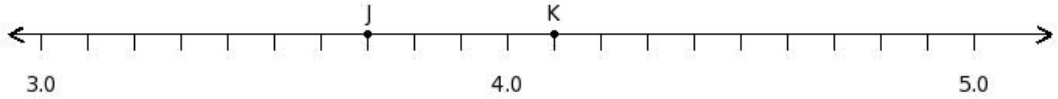
(i) 9.1 (ii) 9.7 (iii) 9.5 (iv) 9.4 (v) 9

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



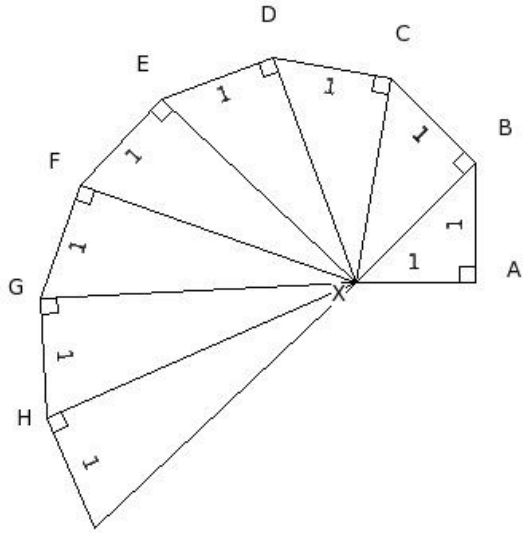
(i) 0.8 (ii) 0.3 (iii) 0 (iv) 0.9 (v) 0.5

32. Find the product of the decimal numbers at the points labelled with letters J and K



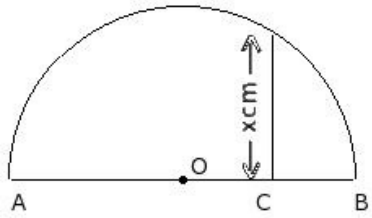
(i) 15.17 (ii) 15.07 (iii) 15.27 (iv) 15.57 (v) 15.67

33. Find the length of side XF



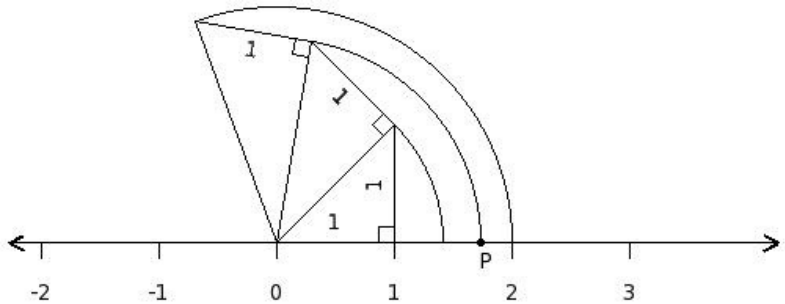
(i) $\sqrt{9}$ (ii) $\sqrt{6}$ (iii) $\sqrt{7}$ (iv) $\sqrt{5}$ (v) $\sqrt{10}$

34. If the length of AB = 4.2 cm and CB = 1 cm, find the value of x



(i) $\sqrt{3.2}$ cm (ii) $\sqrt{3.6}$ cm (iii) $\sqrt{2.8}$ cm (iv) $\sqrt{3.3}$ cm (v) $\sqrt{3.1}$ cm

35. Find the value of P on the number line



(i) 1 (ii) $\sqrt{3}$ (iii) $\sqrt{6}$ (iv) $\sqrt{2}$ (v) $\sqrt{4}$

Assignment Key

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

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