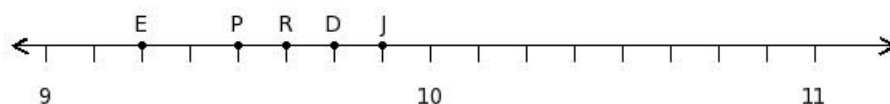


## EduSahara™ Learning Center Assignment

**Grade** : Class VI, ICSE  
**Chapter** : The Number Line  
**Name** : Representing Fractions on Number Line  
**Licensed To** : Teachers and Students for non-commercial use

1. Find the position of the rational number  $\frac{77}{8}$  on the number line



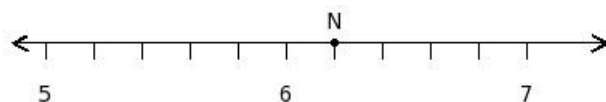
- (i) R (ii) J (iii) D (iv) E (v) P

2. Find the position of the rational number  $(\frac{-68}{9})$  on the number line



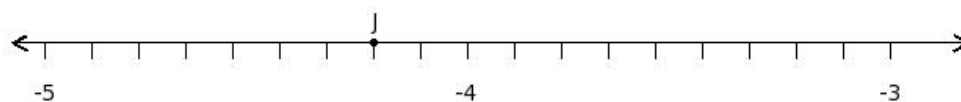
- (i) P (ii) Q (iii) O (iv) D (v) J

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



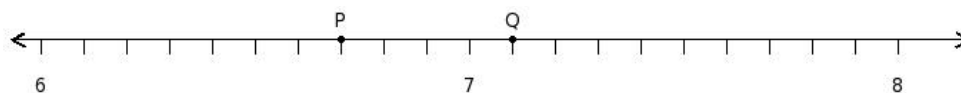
- (i)  $\frac{31}{7}$  (ii)  $\frac{31}{3}$  (iii)  $\frac{31}{5}$  (iv)  $\frac{33}{5}$  (v)  $\frac{29}{5}$

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



- (i) -4 (ii)  $(\frac{-40}{9})$  (iii)  $(\frac{-38}{11})$  (iv)  $(\frac{-38}{7})$  (v)  $(\frac{-38}{9})$

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



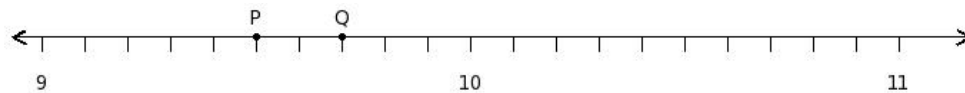
- (i)  $\frac{71}{5}$  (ii)  $\frac{67}{5}$  (iii)  $\frac{43}{3}$  (iv)  $\frac{95}{7}$  (v)  $\frac{69}{5}$

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



- (i) -12 (ii) -13 (iii) -16 (iv) -14 (v) -15

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



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

8. Find the difference of the rational numbers at the points labelled with letters H and I



- (i)  $\frac{1}{12}$  (ii)  $(-\frac{1}{10})$  (iii)  $\frac{1}{8}$  (iv)  $\frac{1}{10}$  (v)  $\frac{3}{10}$

9. Find the product of the rational numbers at the points labelled with letters M and N



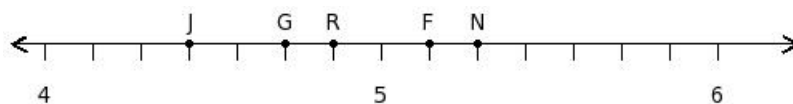
- (i)  $\frac{744}{25}$  (ii)  $\frac{148}{5}$  (iii)  $\frac{800}{27}$  (iv)  $\frac{742}{25}$  (v)  $\frac{684}{23}$

10. Find the product of the rational numbers at the points labelled with letters N and O



- (i)  $\frac{5623}{100}$  (ii)  $\frac{1911}{34}$  (iii)  $\frac{5619}{100}$  (iv)  $\frac{5621}{100}$  (v)  $\frac{787}{14}$

11. Find the position of the rational number  $\frac{34}{7}$  on the number line



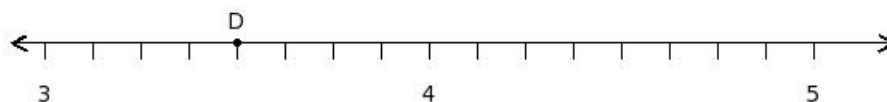
- (i) F (ii) R (iii) G (iv) N (v) J

12. Find the position of the rational number  $(-\frac{38}{5})$  on the number line



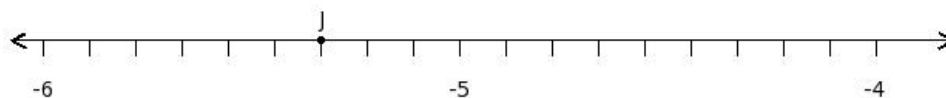
- (i) F (ii) H (iii) L (iv) R (v) P

13. Find the rational number at the point labelled with letter D



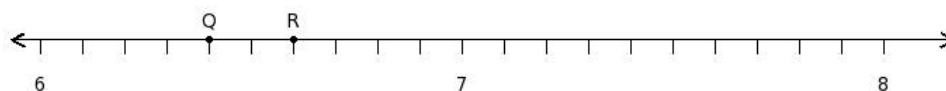
- (i)  $\frac{7}{2}$  (ii)  $\frac{7}{4}$  (iii) 7 (iv)  $\frac{9}{2}$  (v)  $\frac{5}{2}$

14. Find the rational number at the point labelled with letter J



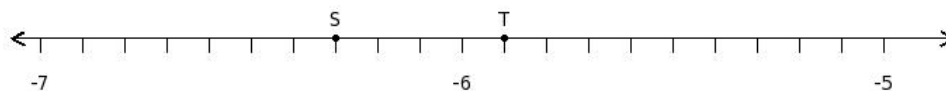
- (i) -16 (ii)  $(-\frac{16}{3})$  (iii)  $(-\frac{16}{5})$  (iv)  $(-\frac{14}{3})$  (v) -6

15. Find the sum of the rational numbers at the points labelled with letters Q and R



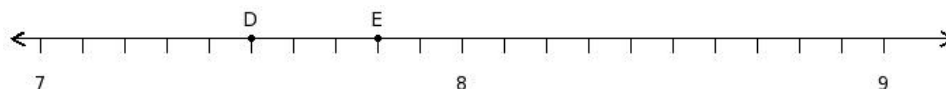
- (i) 14 (ii) 10 (iii) 16 (iv) 12 (v) 13

16. Find the sum of the rational numbers at the points labelled with letters S and T



- (i)  $(-\frac{37}{3})$  (ii)  $(-\frac{61}{5})$  (iii)  $(-\frac{85}{7})$  (iv)  $(-\frac{59}{5})$  (v)  $(-\frac{63}{5})$

17. Find the difference of the rational numbers at the points labelled with letters D and E



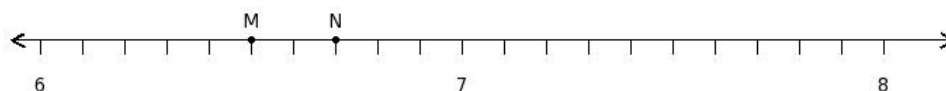
- (i)  $\frac{1}{2}$  (ii)  $\frac{3}{10}$  (iii)  $\frac{1}{10}$  (iv)  $\frac{1}{4}$  (v)  $\frac{3}{8}$

18. Find the difference of the rational numbers at the points labelled with letters Q and R



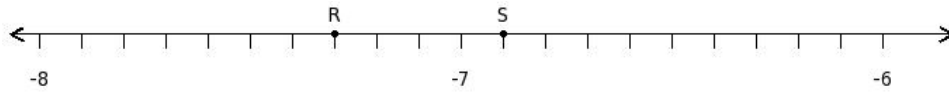
- (i)  $\frac{2}{7}$  (ii)  $\frac{2}{5}$  (iii) 0 (iv)  $\frac{2}{3}$  (v)  $\frac{4}{5}$

19. Find the product of the rational numbers at the points labelled with letters M and N



- (i)  $\frac{871}{20}$  (ii)  $\frac{873}{20}$  (iii)  $\frac{869}{20}$  (iv)  $\frac{87}{2}$  (v)  $\frac{785}{18}$

20. Find the product of the rational numbers at the points labelled with letters R and S



- (i)  $\frac{1007}{20}$  (ii)  $\frac{5037}{100}$  (iii)  $\frac{5137}{102}$  (iv)  $\frac{4937}{98}$  (v)  $\frac{5039}{100}$
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## Assignment Key

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