

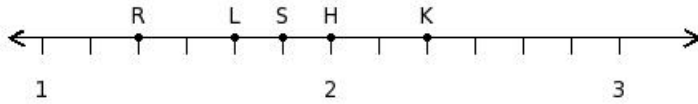
EduSahara™ Learning Center Assignment

Grade : Class IX, SSC

Chapter : Real Numbers

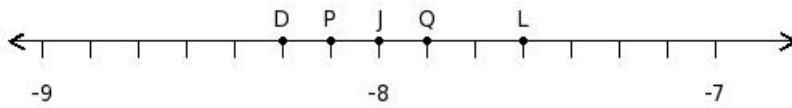
Name : Rational Number Line

1. Find the position of the rational number $\frac{11}{6}$ on the number line



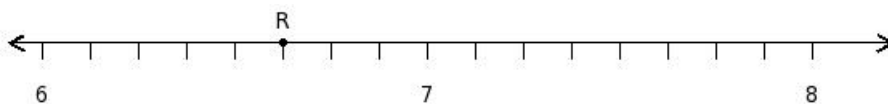
(i) K (ii) H (iii) L (iv) S (v) R

2. Find the position of the rational number $(-\frac{55}{7})$ on the number line



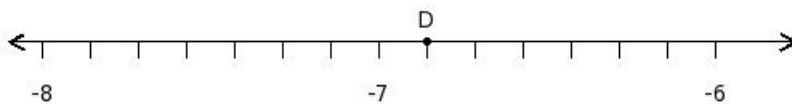
(i) P (ii) D (iii) Q (iv) J (v) L

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



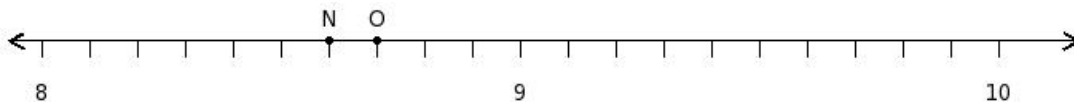
(i) $\frac{53}{8}$ (ii) $\frac{55}{8}$ (iii) $\frac{51}{8}$ (iv) $\frac{53}{6}$ (v) $\frac{53}{10}$

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



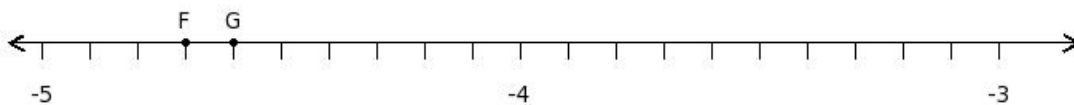
(i) $(-\frac{48}{5})$ (ii) $(-\frac{16}{3})$ (iii) $(-\frac{50}{7})$ (iv) $(-\frac{48}{7})$ (v) $(-\frac{46}{7})$

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



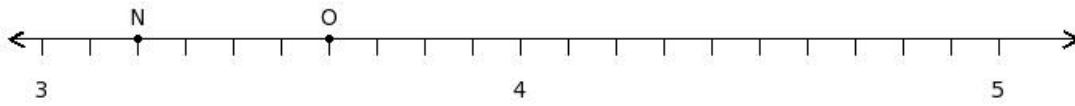
(i) $\frac{173}{10}$ (ii) $\frac{139}{8}$ (iii) $\frac{69}{4}$ (iv) $\frac{171}{10}$ (v) $\frac{35}{2}$

6. Find the sum of the rational numbers at the points labelled with letters F and G



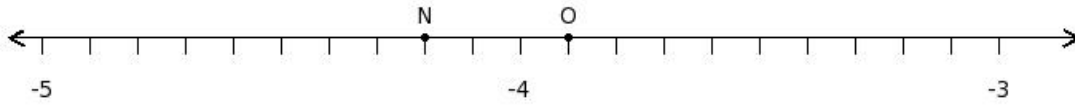
(i) $(-\frac{93}{10})$ (ii) $(-\frac{37}{4})$ (iii) $(-\frac{75}{8})$ (iv) $(-\frac{91}{10})$ (v) $(-\frac{19}{2})$

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



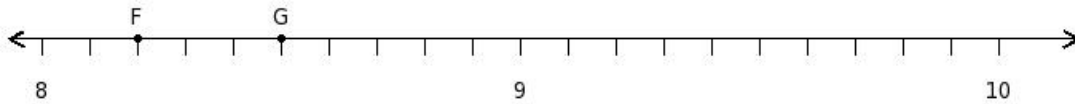
- (i) $\frac{2}{7}$ (ii) $\frac{4}{5}$ (iii) $\frac{2}{3}$ (iv) 0 (v) $\frac{2}{5}$

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



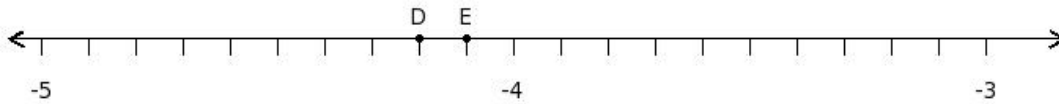
- (i) $\frac{1}{10}$ (ii) $\frac{3}{10}$ (iii) $\frac{1}{4}$ (iv) $\frac{3}{8}$ (v) $\frac{1}{2}$

9. Find the product of the rational numbers at the points labelled with letters F and G



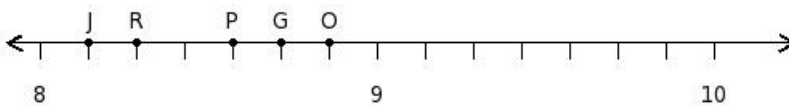
- (i) $\frac{559}{8}$ (ii) $\frac{697}{10}$ (iii) $\frac{699}{10}$ (iv) $\frac{835}{12}$ (v) $\frac{139}{2}$

10. Find the product of the rational numbers at the points labelled with letters D and E



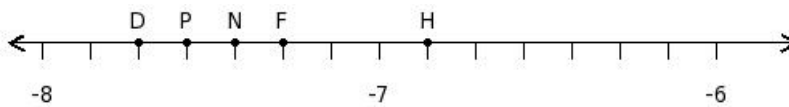
- (i) $\frac{827}{48}$ (ii) $\frac{863}{50}$ (iii) $\frac{859}{50}$ (iv) $\frac{861}{50}$ (v) $\frac{895}{52}$

11. Find the position of the rational number $\frac{60}{7}$ on the number line



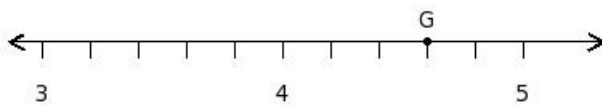
- (i) R (ii) P (iii) G (iv) J (v) O

12. Find the position of the rational number $(\frac{-51}{7})$ on the number line



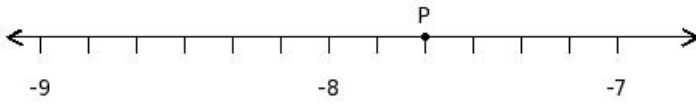
- (i) D (ii) N (iii) P (iv) H (v) F

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



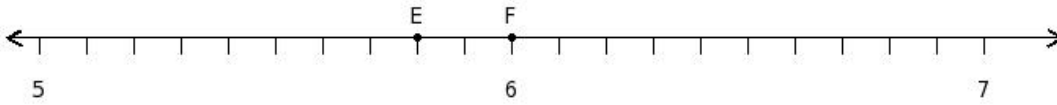
- (i) $\frac{23}{5}$ (ii) $\frac{23}{3}$ (iii) 5 (iv) $\frac{23}{7}$ (v) $\frac{21}{5}$

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



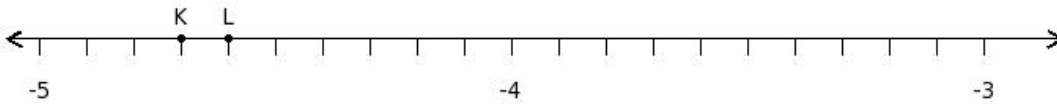
- (i) -23 (ii) $(-\frac{23}{3})$ (iii) $(-\frac{25}{3})$ (iv) -7 (v) $(-\frac{23}{5})$

15. Find the sum of the rational numbers at the points labelled with letters E and F



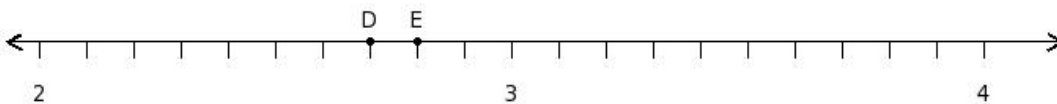
- (i) $\frac{59}{5}$ (ii) $\frac{61}{5}$ (iii) $\frac{81}{7}$ (iv) $\frac{57}{5}$ (v) $\frac{37}{3}$

16. Find the sum of the rational numbers at the points labelled with letters K and L



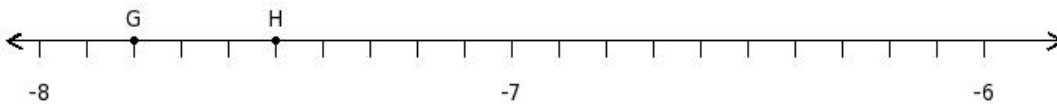
- (i) $(-\frac{19}{2})$ (ii) $(-\frac{75}{8})$ (iii) $(-\frac{37}{4})$ (iv) $(-\frac{91}{10})$ (v) $(-\frac{93}{10})$

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



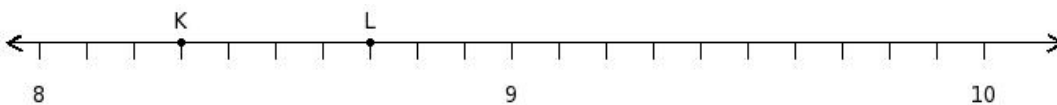
- (i) $\frac{1}{10}$ (ii) $\frac{3}{10}$ (iii) $(-\frac{1}{10})$ (iv) $\frac{1}{12}$ (v) $\frac{1}{8}$

18. Find the difference of the rational numbers at the points labelled with letters G and H



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

19. Find the product of the rational numbers at the points labelled with letters K and L



- (i) $\frac{7221}{100}$ (ii) $\frac{1011}{14}$ (iii) $\frac{2455}{34}$ (iv) $\frac{7219}{100}$ (v) $\frac{7223}{100}$

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



- (i) $\frac{289}{5}$ (ii) $\frac{1329}{23}$ (iii) $\frac{173}{3}$ (iv) $\frac{1441}{25}$ (v) $\frac{1443}{25}$

Assignment Key

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