

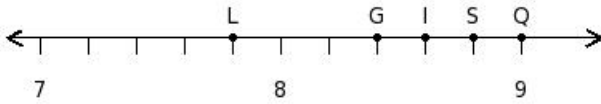
EduSahara™ Learning Center Assignment

Grade : Class IX, CBSE

Chapter : Number Systems

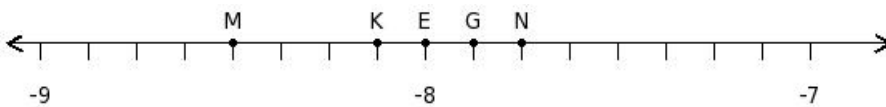
Name : Real Number Line

1. Find the position of the rational number $\frac{42}{5}$ on the number line



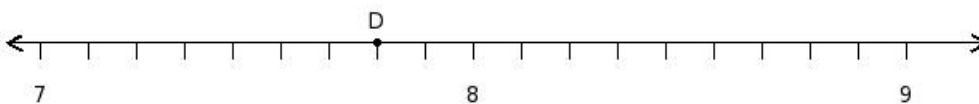
(i) L (ii) G (iii) Q (iv) I (v) S

2. Find the position of the rational number $(-\frac{65}{8})$ on the number line



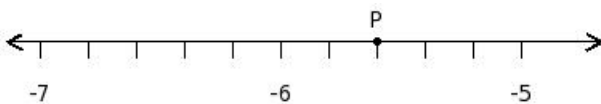
(i) N (ii) M (iii) K (iv) E (v) G

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



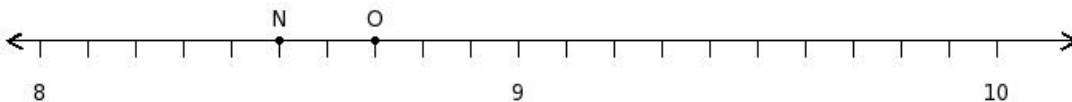
(i) $\frac{70}{9}$ (ii) 10 (iii) 8 (iv) $\frac{68}{9}$ (v) $\frac{70}{11}$

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



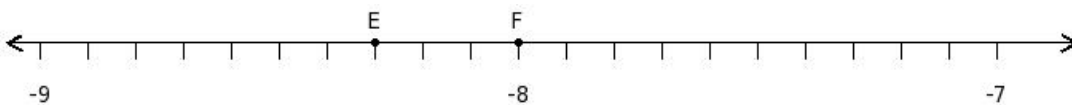
(i) -4 (ii) -6 (iii) $(-\frac{28}{5})$ (iv) $(-\frac{28}{3})$ (v) $(-\frac{26}{5})$

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



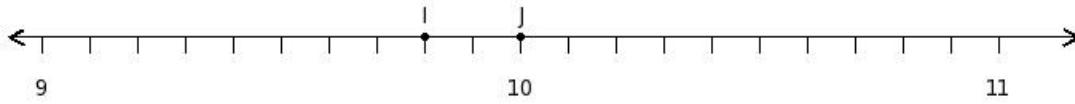
(i) $\frac{86}{5}$ (ii) $\frac{52}{3}$ (iii) $\frac{88}{5}$ (iv) $\frac{84}{5}$ (v) $\frac{120}{7}$

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



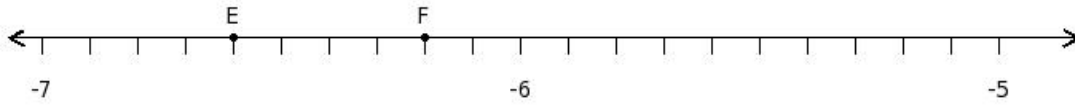
(i) $(-\frac{65}{4})$ (ii) $(-\frac{163}{10})$ (iii) $(-\frac{131}{8})$ (iv) $(-\frac{33}{2})$ (v) $(-\frac{161}{10})$

7. Find the difference of the rational numbers at the points labelled with letters I and J



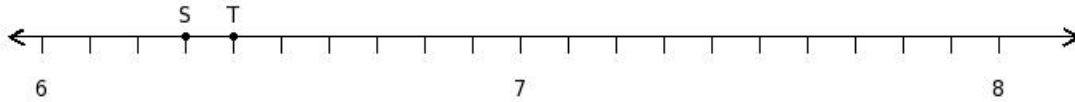
- (i) $(-\frac{1}{5})$ (ii) $\frac{1}{3}$ (iii) $\frac{1}{5}$ (iv) $\frac{3}{5}$ (v) $\frac{1}{7}$

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



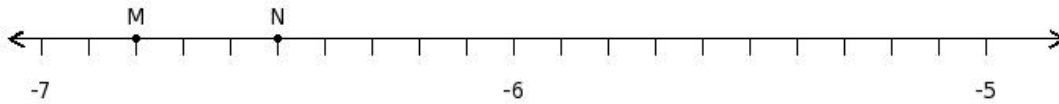
- (i) $\frac{2}{7}$ (ii) $\frac{2}{3}$ (iii) $\frac{4}{5}$ (iv) 0 (v) $\frac{2}{5}$

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



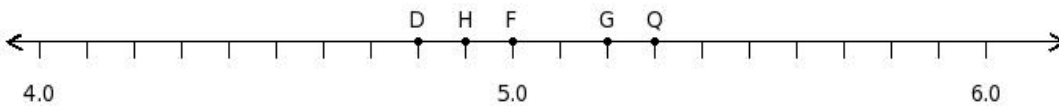
- (i) $\frac{1008}{25}$ (ii) $\frac{1006}{25}$ (iii) $\frac{202}{5}$ (iv) $\frac{1088}{27}$ (v) $\frac{928}{23}$

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



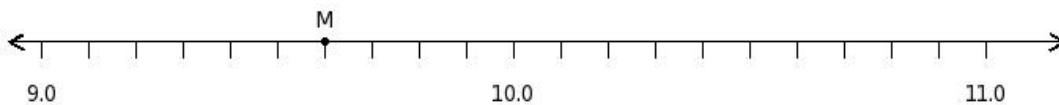
- (i) $\frac{309}{7}$ (ii) $\frac{133}{3}$ (iii) $\frac{221}{5}$ (iv) $\frac{223}{5}$ (v) $\frac{219}{5}$

11. Find the position of the decimal number 5.0 on the number line



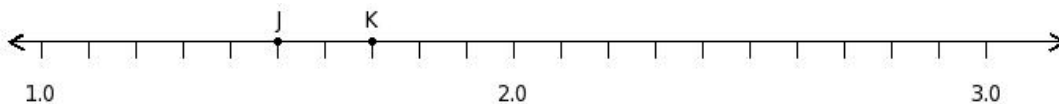
- (i) Q (ii) D (iii) H (iv) F (v) G

12. Find the decimal number at the point labelled with letter M



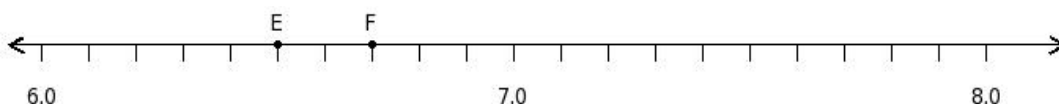
- (i) 9.9 (ii) 9.6 (iii) 9.5 (iv) 10.2 (v) 10.1

13. Find the sum of the decimal numbers at the points labelled with letters J and K



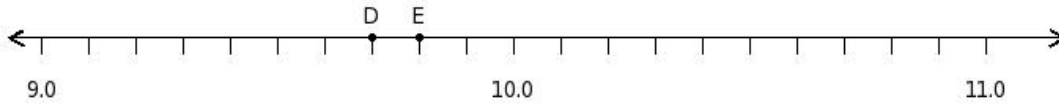
- (i) 3.8 (ii) 3.2 (iii) 3.4 (iv) 2.9

14. Find the difference of the decimal numbers at the points labelled with letters E and F



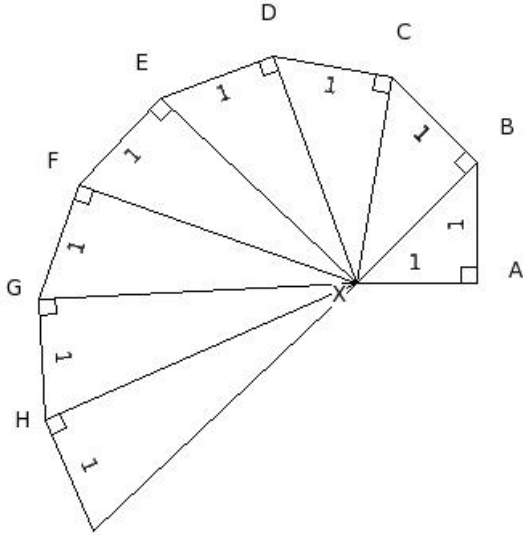
- (i) 0.2 (ii) 0.8 (iii) -0.1 (iv) 0.4

15. Find the product of the decimal numbers at the points labelled with letters D and E



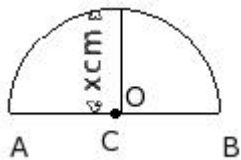
- (i) 95.16 (ii) 95.06 (iii) 95.46 (iv) 95.56 (v) 94.96

16. Find the length of side XG



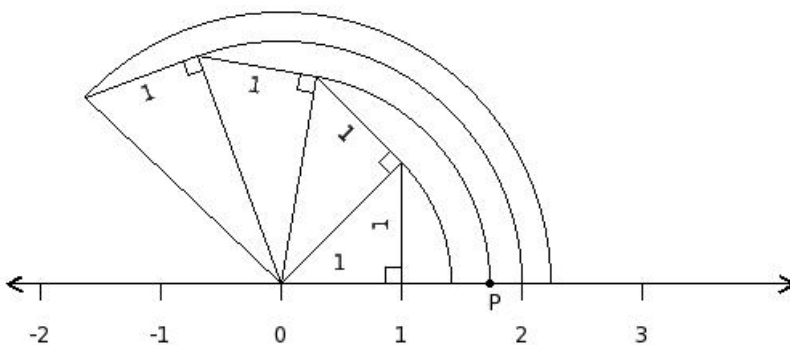
- (i) $\sqrt{10}$ (ii) $\sqrt{5}$ (iii) $\sqrt{7}$ (iv) $\sqrt{9}$

17. If the length of AB = 2.1 cm and CB = 1 cm, find the value of x



- (i) $\sqrt{0.9}$ cm (ii) $\sqrt{1.3}$ cm (iii) $\sqrt{1.1}$ cm

18. Find the value of P on the number line



- (i) $\sqrt{2}$ (ii) $\sqrt{5}$ (iii) $\sqrt{3}$ (iv) $\sqrt{6}$

Assignment Key

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