

EduSahara™ Learning Center Assignment

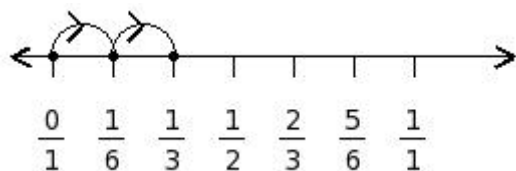
Grade : Class VI, SSC

Chapter : Fractions and Decimals

Name : Fractions on Number Line

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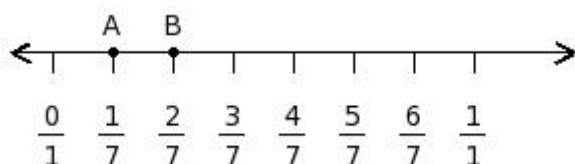
1. Find the equation representing the following number line diagram



(i) $\frac{1}{6} - \frac{2}{3} = (-\frac{1}{2})$ (ii) $\frac{1}{3} + \frac{1}{2} = \frac{5}{6}$ (iii) $\frac{1}{6} + \frac{1}{6} = \frac{1}{3}$

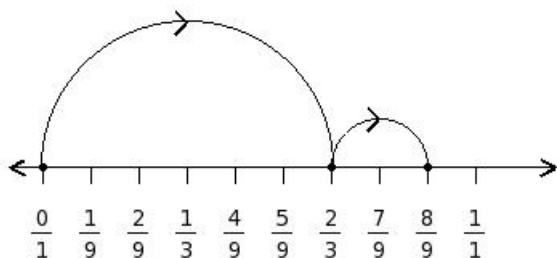
(iv) $0 + \frac{1}{6} = \frac{1}{6}$ (v) $\frac{1}{2} - \frac{1}{6} = \frac{1}{3}$

2. Find the difference between the values of numbers at point A and B



(i) $(-\frac{1}{9})$ (ii) $(-\frac{1}{7})$ (iii) $(-\frac{1}{5})$ (iv) $\frac{1}{7}$ (v) $(-\frac{3}{7})$

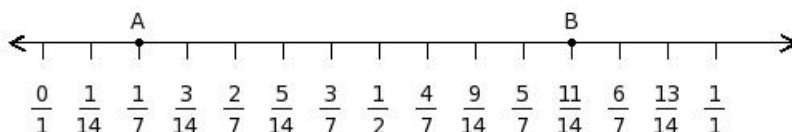
3. Find the equation representing the following number line diagram



(i) $\frac{7}{9} + \frac{4}{9} = \frac{11}{9}$ (ii) $\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$ (iii) $\frac{2}{3} - \frac{5}{9} = \frac{1}{9}$

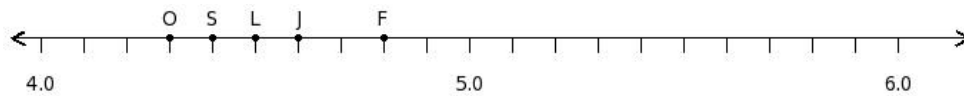
(iv) $\frac{2}{3} + \frac{2}{9} = \frac{8}{9}$ (v) $\frac{8}{9} - \frac{2}{9} = \frac{2}{3}$

4. Find the difference between the values of numbers at point A and B



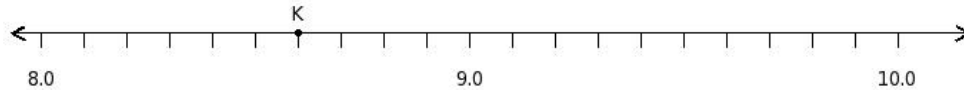
- (i) $(\frac{-3}{4})$ (ii) $(\frac{-9}{16})$ (iii) $(\frac{-1}{2})$ (iv) $(\frac{-11}{14})$ (v) $(\frac{-9}{14})$

5. Find the position of the decimal number 4.5 on the number line



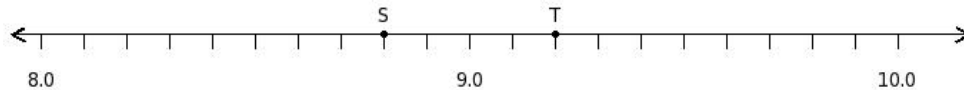
- (i) L (ii) J (iii) O (iv) F (v) S

6. Find the decimal number at the point labelled with letter K



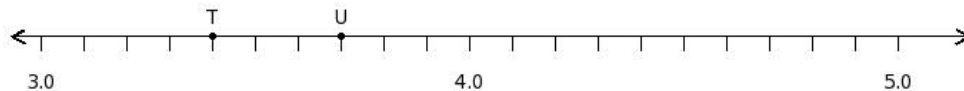
- (i) 8.4 (ii) 9.2 (iii) 8.6 (iv) 8.7

7. Find the sum of the decimal numbers at the points labelled with letters S and T



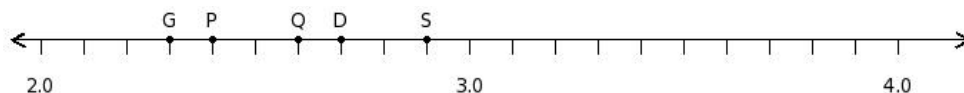
- (i) 18.6 (ii) 18.2 (iii) 18 (iv) 18.5 (v) 17.9

8. Find the difference of the decimal numbers at the points labelled with letters T and U



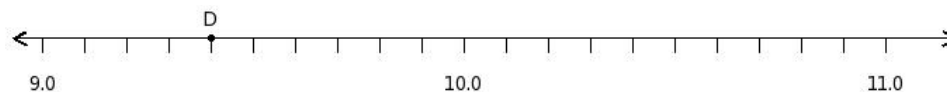
- (i) 0.4 (ii) 0.8 (iii) 0.9 (iv) 0.2 (v) 0.3

9. Find the position of the decimal number 2.6 on the number line



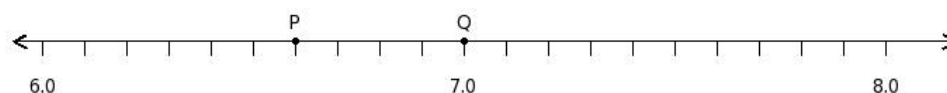
- (i) Q (ii) P (iii) G (iv) D (v) S

10. Find the decimal number at the point labelled with letter D



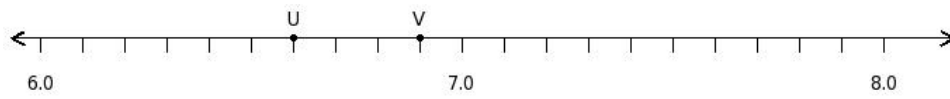
- (i) 9.5 (ii) 9.8 (iii) 9.4 (iv) 9.3 (v) 9.9

11. Find the sum of the decimal numbers at the points labelled with letters P and Q



(i) 14.2 (ii) 13.9 (iii) 14.1 (iv) 13.6 (v) 13.5

12. Find the difference of the decimal numbers at the points labelled with letters U and V



(i) 0.7 (ii) 0.3 (iii) 0.8 (iv) 0.5 (v) 0

Assignment Key

- 1) (iii)
- 2) (ii)
- 3) (iv)
- 4) (v)
- 5) (i)
- 6) (iii)
- 7) (iii)
- 8) (v)
- 9) (i)
- 10) (iii)
- 11) (iv)
- 12) (ii)