

EduSahara™ Learning Center Assignment

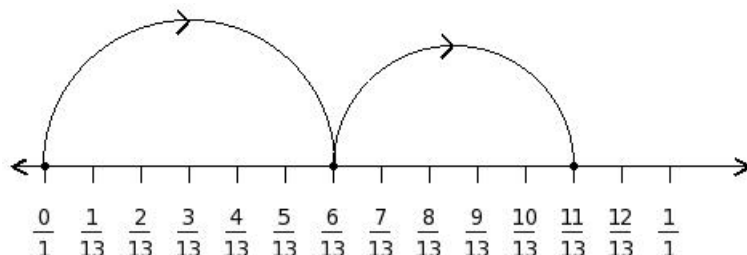
Grade : Class VI, CBSE

Chapter : Fractions

Name : Fractions on Number Line

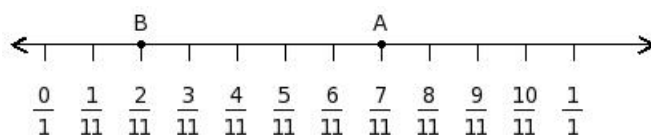
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1. Find the equation representing the following number line diagram



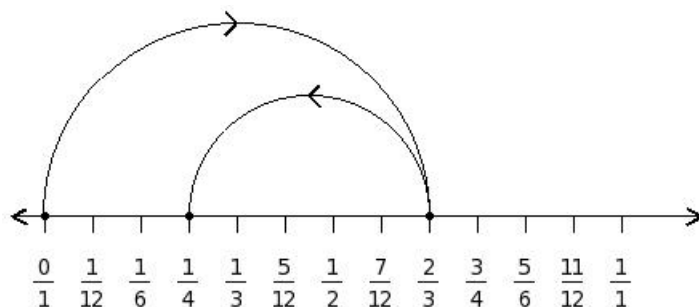
- (i) $\frac{8}{13} - \frac{5}{13} = \frac{3}{13}$ (ii) $\frac{5}{13} + \frac{5}{13} = \frac{10}{13}$ (iii) $\frac{6}{13} - \frac{8}{13} = (-\frac{2}{13})$
 (iv) $\frac{7}{13} + \frac{7}{13} = \frac{14}{13}$ (v) $\frac{6}{13} + \frac{5}{13} = \frac{11}{13}$

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



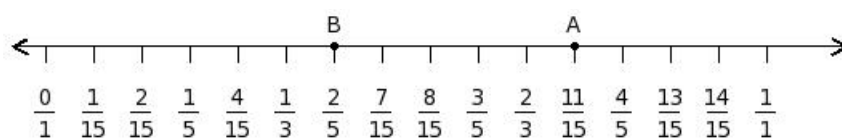
- (i) $\frac{5}{9}$ (ii) $\frac{5}{13}$ (iii) $\frac{7}{11}$ (iv) $\frac{3}{11}$ (v) $\frac{5}{11}$

3. Find the equation representing the following number line diagram



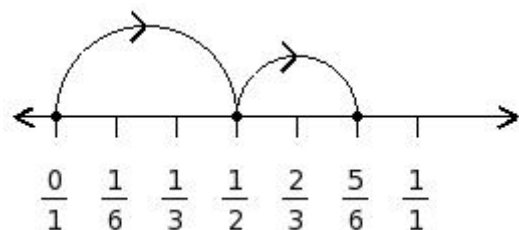
- (i) $\frac{2}{3} - \frac{5}{12} = \frac{1}{4}$ (ii) $\frac{5}{6} - \frac{5}{12} = \frac{5}{12}$ (iii) $\frac{3}{4} + \frac{7}{12} = \frac{4}{3}$
 (iv) $\frac{2}{3} - \frac{2}{3} = 0$ (v) $\frac{7}{12} + \frac{5}{12} = \frac{1}{1}$

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



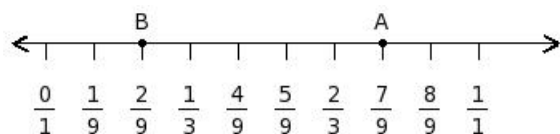
- (i) $\frac{1}{3}$ (ii) $\frac{1}{5}$ (iii) 1 (iv) $(-\frac{1}{3})$

5. Find the equation representing the following number line diagram



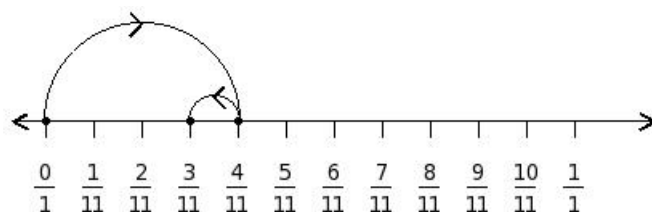
- (i) $\frac{1}{2} - \frac{5}{6} = (-\frac{1}{3})$ (ii) $\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$ (iii) $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$
 (iv) $\frac{2}{3} + \frac{2}{3} = \frac{4}{3}$ (v) $\frac{5}{6} - \frac{1}{3} = \frac{1}{2}$

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



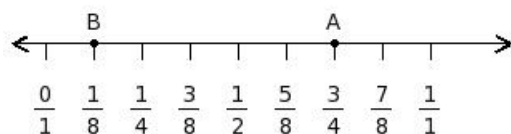
- (i) $\frac{7}{9}$ (ii) $\frac{5}{9}$ (iii) $\frac{1}{3}$ (iv) $\frac{5}{11}$ (v) $\frac{5}{7}$

7. Find the equation representing the following number line diagram



- (i) $\frac{5}{11} + \frac{3}{11} = \frac{8}{11}$ (ii) $\frac{6}{11} - \frac{1}{11} = \frac{5}{11}$ (iii) $\frac{4}{11} - \frac{1}{11} = \frac{3}{11}$
 (iv) $\frac{3}{11} + \frac{1}{11} = \frac{4}{11}$ (v) $\frac{4}{11} - \frac{4}{11} = 0$

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



- (i) $\frac{1}{2}$ (ii) $\frac{5}{6}$ (iii) $\frac{5}{8}$ (iv) $\frac{7}{8}$ (v) $\frac{3}{8}$

Assignment Key

- 1) (v)
- 2) (v)
- 3) (i)
- 4) (i)
- 5) (ii)
- 6) (ii)
- 7) (iii)
- 8) (iii)