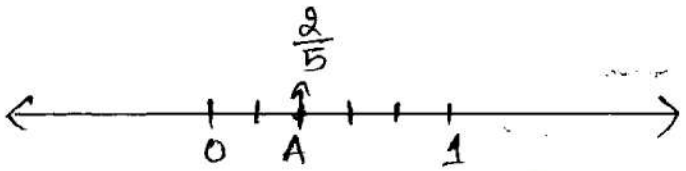
Exercise 6.2

Q.1 Represent $\frac{2}{5}$ on a number line.

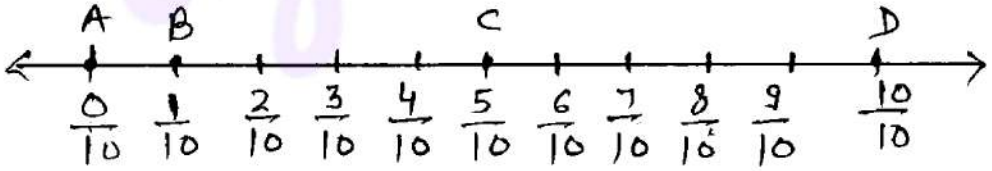
Solution: Since $\frac{2}{5}$ is a proper fraction, so it lies between 0 and 1. We divide the gap between 0 and 1 in 5 equal parts.



Hence, Point A represent $\frac{2}{5}$

Q.2 Represent $\frac{0}{10}$, $\frac{1}{10}$, $\frac{5}{10}$ and $\frac{10}{10}$ on a number line.

Solution:

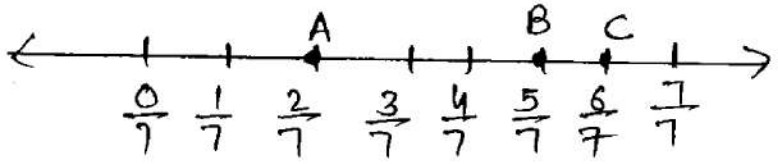


Here, $\frac{0}{10}$, $\frac{1}{10}$, $\frac{5}{10}$ and $\frac{10}{10}$ represented by points A, B, C and D respectively.

Q.3 Represent $\frac{2}{7}$, $\frac{5}{7}$ and $\frac{6}{7}$ on a number line.

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Solution: Here,



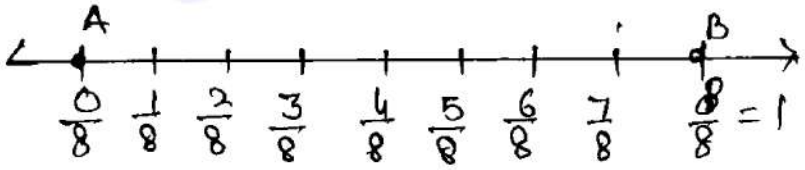
three points A, B and C represents $\frac{2}{7}$, $\frac{5}{7}$ and $\frac{6}{7}$ respectively.

Q.4 How many fractions lies between 0 and 1.

Solution: Infinite

Q.5 Represent $\frac{0}{8}$ and $\frac{8}{8}$ on number line.

Solution: here, Points A and B represents $\frac{0}{8}$ and $\frac{8}{8}$ respectively.



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