

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P.Extension, Patparganj, Delhi-110092

Session: 2025-26

Class: VIII

**Subject:
Mathematics**

**Topic: Rational
Number**

Worksheet - 02

Q1: Represent $\frac{3}{5}$ and $-\frac{8}{5}$ on the number line.

Q2: Write any three rational numbers between $-\frac{4}{5}$ and $-\frac{2}{3}$.

Q3: Write any three rational numbers between -2 and -1 .

Q4: What should be subtracted from $\frac{-3}{4}$ so as to get $\frac{5}{9}$?

Q5: Divide the sum $\frac{-14}{15}$ and $\frac{7}{9}$ by the product of $\frac{-6}{11}$ and $\frac{5}{12}$

Q6: Simplify: $\frac{3}{2} - \frac{4}{5} + (\frac{-11}{15}) + (\frac{-13}{10})$.

Q7: Verify. $\frac{-15}{4} \times \left(-\frac{3}{7} + \frac{-12}{5}\right) = \left(\frac{-15}{4} \times \frac{3}{7}\right) + \left(\frac{-15}{4} \times \frac{-12}{5}\right)$

Q8: The Sum of two rational numbers is $\frac{-3}{5}$. If one of the number is $\frac{-9}{20}$, find the other number.

Q9: The product of two rational numbers is $\frac{-11}{15}$. If one of them is 3, find the other number.

Q10: Arrange the rational numbers $\frac{-7}{10}$, $\frac{5}{-8}$, $\frac{2}{-3}$ in the ascending order.