



FLORENCE INTERNATIONAL SCHOOL  
CLASS- VIII  
WORKSHEET NO: 3  
MATHS

NAME:

DATE: 01/04/2020

**CONCEPT**

**RATIONAL NUMBERS**- A number which can be represented in the form of  $\frac{p}{q}$  , where  $q \neq 0$  and  $p, q$  are integers ,is called rational number.  $\frac{1}{2}, \frac{2}{1}, \frac{5}{4}, \frac{3}{8}, \frac{17}{14}, \dots$

**Positive and negative Rational Numbers**

- A rational number is said to be positive if its numerator and denominator both are either positive or both are negative .  $\frac{11}{2}$  and  $\frac{-11}{-2}$  are positive rational number.
- A rational number is said to be negative if its numerator and denominator are of opposite signs.  $\frac{-11}{2}$  and  $\frac{11}{-2}$  are negative rational number.

**Q1. Express each of the following rational number in standard form.**

(a)  $\frac{33}{-44}$

(b)  $\frac{-14}{49}$

(c)  $\frac{24}{-64}$

(d)  $\frac{-36}{-63}$

**Q2. Arrange the numbers  $\frac{-3}{5}, \frac{7}{-10}, \frac{-5}{8}$  in ascending order .**

**Q3. Represent  $\frac{2}{3}$  and  $\frac{-2}{3}$  on the number line.**

