# eSaral

## CLASS VIII: Maths
## Chapter 1: Rational Numbers

### Questions and Solutions | Exercise 1.1 - NCERT Books

Q1 : Name the property under multiplication used in each of the following:

(i) $\dfrac{-4}{5} \times 1 = 1 \times \dfrac{-4}{5} = -\dfrac{4}{5}$

(ii) $-\dfrac{13}{17} \times \dfrac{-2}{7} = \dfrac{-2}{7} \times \dfrac{-13}{17}$

(iii) $\dfrac{-19}{29} \times \dfrac{29}{-19} = 1$

Answer :

(i) $-\dfrac{4}{5} \times 1 = 1 \times -\dfrac{4}{5} = -\dfrac{4}{5}$

1 is the multiplicative identity.

(ii) Commutativity

(iii) Multiplicative inverse

Q2 : Tell what property allows you to compute $\dfrac{1}{3} \times \left( 6 \times \dfrac{4}{3} \right)$ as $\left( \dfrac{1}{3} \times 6 \right) \times \dfrac{4}{3}$

Answer :

Associativity

Q3 : The product of two rational numbers is always a _____.

Answer : Rational number