



SACRED HEART SCHOOL

Maharana Pratap Chowk, Jhumri Telaiya, Koderma

Website: <http://www.sacredheartkoderma.org/>

Maths

Class – VIII (29-April-2020)

1. Name the property under multiplication used in each of the following:

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

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

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

2. Multiply $\frac{6}{13}$ by the reciprocal of $\frac{-7}{16}$.

3. Tell what property allows you to compute

$$(i) \frac{1}{3} \times \left(6 \times \frac{4}{3}\right) \text{ as } \left(\frac{1}{3} \times 6\right) \times \frac{4}{3}.$$

4. Is $\frac{8}{9}$ the multiplicative inverse of $-1\frac{1}{8}$? Why or why not?

5. Write:

(i) The rational number that does not have a reciprocal.

(ii) The rational numbers that are equal to their reciprocals.

(iii) The rational number that is equal to its negative.

Exercise – 1 (G) Do Q.No. – 11 to 20 (full)