SACRED HEART SCHOOL

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

Maths

Class – VIII (27-April-2020)

Let, a and b are Rational numbers. Where, $a < b$

$$Now, d = \frac{b-a}{n+1}$$

Where n = No. Of Rational numbers.

So, Rational nos. are $a+d, a+2d, a+3d$ ..... etc.

H.W: Date - 27-04-2020

Class - VIII (A, B & C)

Maths

(1) If x and y be two Rational numbers. Such that $x < y$ then find a Rational number between x and y.

(2) Give a formula for alternative method of finding large number of Rational numbers between two given Rational numbers.

(3) Give a formula for finding infinite numbers of Rational numbers between two given Rational numbers.

(4) Do Ex - 1 (F) (full)

Q. No. - (1) (2) (3) (4) (5) (6) (7) (8)

Class – VIII (28-April-2020)

1. Using appropriate properties, find:

(i) $-\frac{2}{3}\times\frac{3}{5}+\frac{5}{2}-\frac{3}{5}\times\frac{1}{6}$ $(ii)\ \frac{2}{5}\times\left(-\frac{3}{7}\right)-\frac{1}{6}\times\frac{3}{2}+\frac{1}{14}\times\frac{2}{3}$

2. Write each of following (Additive inverse)

(i) $\frac{2}{8}$ (ii) $-\frac{5}{9}$ (iii) $\frac{-6}{-5}$ (iv) $\frac{2}{-9}$ (v) $\frac{19}{-6}$

3. Verify that:

–(-x) = x for $(i)\ x=\frac{11}{15}$ $(ii)\ x=-\frac{13}{17}$

4. Find the multiplicative inverse of the following:

$(i)-13$ $(ii)-\frac{13}{19}$ $(iii)\frac{1}{5}$ $(iv)\frac{-5}{8}\times\frac{3}{7}$

5. is 0.3 the multiplicative inverse of $3\frac{1}{3}$? $Why\ or\ why\ not?$

Exercise – 1 (G) Do Q. No. – 1 to 10.