



SACRED HEART SCHOOL

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

Maths

Class – VIII

1. Express $\frac{88}{-44}$ standard form.
2. Arrange the numbers $\frac{-3}{5}$, $\frac{7}{-10}$ and $\frac{-5}{8}$ in ascending order.
3. Arrange the numbers -2 , $\frac{-13}{6}$, $\frac{8}{-3}$, $\frac{1}{3}$ in descending order.
4. Represent $\frac{2}{3}$ and $\frac{-2}{3}$ on the number line.
5. Find the sum: $\frac{-9}{13} + \frac{5}{12}$
6. The sum of two rational numbers is -5 . If one of them is $\frac{-13}{6}$. Find the other.
7. Evaluate: $\frac{3}{5} + \frac{7}{3} + \frac{-11}{5} + \frac{-2}{3}$
8. What should be subtracted from $\frac{-5}{7}$ to get -1 ?
9. The product of two numbers is $-28/27$. If one of the numbers is $-4/9$. Find the other.
10. Fill in the blanks: $\frac{27}{16} \div (\dots \dots) = \frac{-15}{8}$
11. Find 20 rational numbers between $-\frac{5}{6}$ and $\frac{5}{8}$.
12. Write 9 rational numbers between 1 and 2.
13. Find three rational numbers between $\frac{2}{3}$ and $\frac{3}{4}$.
14. What should be subtracted from $\frac{-5}{3}$ to get $\frac{5}{6}$?—
15. The product of two numbers is $\frac{-16}{35}$. If one of the numbers is $\frac{-15}{14}$. Find the other.
16. What should be added to $7/12$ to get $-4/15$?

17. Evaluate: $\frac{3}{5} + \frac{7}{3} + \frac{-11}{5} + \frac{-2}{3}$

18. Subtract: $\frac{3}{4}$ from $\frac{2}{3}$

19. Find the additive inverse of:

(i) $\frac{5}{9}$

(ii) $-\frac{15}{8}$

(iii) $\frac{9}{-11}$

(iv) $-\frac{6}{-7}$

20. Find the sum:

(i) $\frac{-9}{16} + \frac{5}{12}$

(ii) $\frac{-5}{6} + \frac{4}{9}$

- I. Zero hasreciprocal.
- II. The numbers and are their own reciprocals.
- III. The reciprocal of -5 is.....
- IV. Reciprocal of $\frac{1}{x}$ where $x \neq 0$ is
- V. The product of two rational numbers is always a.....
- VI. The reciprocal of a positive rational number is

2. Represent of rational numbers on the number line.

- I. Natural numbers.
- II. Whole numbers
- III. Integers
- IV. Rational numbers as labeled $\frac{1}{2}$ and $\frac{1}{3}$.

3. Find a rational number between $\frac{1}{4}$ and $\frac{1}{2}$ and show on a number line.

4. Represent these numbers on the number line:

I. $\frac{7}{4}$

II. $\frac{-5}{6}$

5. Exercise : Test paper – 1(full)

Do Q.No. – A, B, C, D.