

Board – ICSE

Class – VII

Topic – Rational Numbers

1. Write the numerator of each of the following rational numbers:

a) $\frac{-35}{45}$ [-35]

b) 3 [1]

2. Write down a rational number numerator (-6) x (-5) and denominator

(28 - 26) x (8 - 4). [$\frac{30}{8}$]

3. Express $\frac{5}{7}$ as a rational number with numerator 25 [$\frac{25}{35}$]

4. Express each of the following rational numbers to the lowest terms

a) $\frac{12}{15}$ [$\frac{4}{5}$]

b) $\frac{30}{45}$ [$\frac{2}{3}$]

5. Arrange the given rational numbers in descending order:

$\frac{5}{8}$, $\frac{-13}{16}$ and $-\frac{7}{12}$ [$\frac{5}{8} > -\frac{7}{12} > \frac{-13}{16}$]

6. Add: $-\frac{7}{26}$ and $\frac{7}{26}$ [0]

7. Evaluate: $-\frac{2}{5} + \frac{3}{5} + \left(-\frac{1}{5}\right)$ [-1]

8. Evaluate: $-\frac{11}{12} + \frac{5}{16} + \left(-\frac{3}{8}\right)$ [$-\frac{47}{48}$]

9. The sum of rational number is $\frac{11}{24}$. If one of them is $\frac{3}{8}$, find the other. [$\frac{2}{24}$]

10. What should be subtracted from $-\frac{4}{5}$ to get 1. [$-\frac{9}{5}$]