

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092

Session: 2024-2025 - Worksheet

Class: VIII

Subject: Mathematics

Topic: Rational Number

Worksheet-01

MULTIPLE CHOICE QUESTIONS:

Q1: What should be subtracted from $-3/4$ to get -4 ?

- (a) $\frac{13}{4}$ (b) $-\frac{13}{4}$ (c) $\frac{3}{4}$ (d) $\frac{1}{3}$

Q2: Which of the following is the product of $(-7/8)$ and $4/21$?

- (a) $-1/6$ (b) 12 (c) $-63/16$ (d) $-16/147$

Q3: $0'$ is not _____

- (a) a natural number.
(b) a whole number.
(c) an integer.
(d) a rational number

Q 4 The additive inverse of $\frac{7}{11}$ is

- (a) $\frac{7}{11}$ (b) $\frac{11}{7}$ (c) $-\frac{7}{11}$ (d) 1

Q5 the multiplicative inverse of $-\frac{3}{5}$ is

- (a) $-\frac{3}{5}$ (b) $-\frac{5}{3}$ (c) $\frac{3}{5}$ (d) 1

Q6: What should be added to $-3/4$ to get -1 ?

- (a) $1/4$ (b) $-1/4$ (c) 1 (d) $-3/4$

Q7: Which of the following lies between 0 and -1 ?

- (a) 0 (b) -3 (c) $-2/3$ (d) $4/3$

Q8: How many rational numbers exist between any two distinct rational numbers?

- (a) 2 (b) 3 (c) 11 (d) Infinite number of rational numbers

Q9: The rational number that does not have a reciprocal is

- (a) 0 (b) 1 (c) 4 (d) -4

Q10: The sum of the additive inverse and multiplicative inverse of 2 is _____.

- (a) $3/2$ (b) $-3/2$ (c) $1/2$ (d) $-1/2$