



INDIAN SCHOOL NIZWA - WORKSHEET

Chapter 1 Rational Numbers

MCQ TEST

Name:

Class :VIII Sec:

Multiple choice questions

- Which of the following is a positive rational number –
A. $\frac{-2}{3}$ B. $\frac{5}{-7}$ C. $-2\frac{3}{5}$ D. $\frac{-4}{-5}$
- If $\frac{p}{q}$ lies to the right of $\frac{r}{s}$, then
A. $\frac{p}{q} < \frac{r}{s}$ B. $\frac{p}{q} > \frac{r}{s}$ C. $\frac{p}{q} = \frac{r}{s}$ D. none of these
- If $\frac{a}{b}$ & $\frac{c}{d}$ are two rational numbers then closure property of addition satisfies :
A. $\frac{a}{b} + \frac{c}{d} = \frac{c}{d} + \frac{a}{b}$ B. $\frac{a}{b} + \frac{c}{d}$ is a rational number C. $\frac{a}{b} \times \frac{c}{d}$ is a rational number
D. none of these
- $\frac{4}{5} \times 0$ is equal to :
A. $\frac{4}{5}$ B. 0 C. $\frac{-5}{4}$ D. $\frac{5}{4}$
- The multiplicative inverse of 8 is
A. (-8) B. $\frac{-1}{8}$ C. $\frac{1}{8}$ D. $\frac{8}{1}$
- $\frac{a}{b} \times \left(\frac{c}{d} + \frac{e}{f}\right)$ shows
A. Distributive Property of Multiplication over Addition
B. Distributive Property of Multiplication over Subtraction
C. Commutative property of Multiplication
D. Commutative Property of Addition
- Closure property for rational numbers is satisfied for :
A. Multiplication B. Addition C. Subtraction D. All of these
- Which symbol will be filled in $\left(\frac{-1}{2}\right)$ _____ $\left(\frac{-3}{5}\right)$
A. < B. > C. = D. none of these
- Fill in the blanks : $\frac{-19}{40} \times \frac{8}{11} = \frac{8}{11} \times$ _____
A. $\frac{19}{40}$ B. $\frac{-19}{40}$ C. $\frac{40}{19}$ D. $\frac{-40}{19}$
- $\frac{2}{9} \times \left(\frac{-4}{9} + \frac{6}{17}\right) = \frac{2}{9} \times$ _____ $+$ _____ $\times \frac{6}{17}$
A. $\frac{6}{17}, \frac{-4}{9}$ B. $\frac{-6}{17}, \frac{4}{9}$ C. $\frac{-4}{9}, \frac{2}{9}$ D. $\frac{4}{9}, \frac{-6}{17}$
- Which symbol will be filled in 0 _____ $\left(\frac{-5}{18}\right)$

A. < B. > C. = D. none of these

12. The additive inverse of $\frac{-11}{-15}$ is

A. $\frac{15}{11}$ B. $\frac{-15}{11}$ C. $\frac{-15}{-11}$ D. $\frac{-11}{15}$

13. Which of the following is the reciprocal of the reciprocal of a rational number?

A. (-1) B. 1 C. 0 D. the number itself

14. Which of the following lies between 0 and (-1) ?

A. (-3) B. 0 C. $\frac{-2}{3}$ D. $\frac{4}{3}$

15. Which of the following is neither a positive nor a negative rational number?

A. 1 B. 0 C. such a rational number doesn't exist D. none of these