



# VIDYA BHAWAN, BALIKA VIDYAPITH

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(Affiliated to CBSE up to +2 Level)

CLASS: VIII

SUB.: MATHS (NCERT BASED)

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## RATIONAL NUMBERS (REVISION)

1. An integer can be:

A. Only Positive

B. Only Negative

C. Both positive and negative

D. None of the above

2. A rational number can be represented in the form of:

A.  $p/q$

B.  $pq$

C.  $p+q$

D.  $p-q$

3. The value of  $\frac{1}{2} \times \frac{3}{5}$  is equal to:

A.  $\frac{1}{2}$

B.  $\frac{3}{10}$

C.  $\frac{3}{5}$

D.  $\frac{2}{5}$

4. The value of  $(\frac{1}{2}) \div (\frac{3}{5})$  is equal to:

A.  $\frac{3}{10}$

B.  $\frac{3}{5}$

C.  $\frac{6}{5}$

D.  $\frac{5}{6}$

5. The value of  $\frac{1}{2} + \frac{1}{4}$  is equal to:

A.  $\frac{3}{4}$

B.  $\frac{3}{2}$

C.  $\frac{2}{3}$

D. 1

6. The value of  $\frac{5}{4} - \frac{8}{3}$  is:

A.  $\frac{17}{12}$

B.  $-\frac{17}{12}$

C.  $\frac{12}{17}$

D.  $-\frac{12}{17}$

7. The associative property is applicable to:

A. Addition and subtraction

B. Multiplication and division

C. Addition and Multiplication

D. Subtraction and Division

8. The value of  $(-10/3) \times (-15/2) \times (17/19) \times 0$  is:

A. 0

B. 22.66

C. 20

D. 35

9. The additive identity of rational numbers is:

A. 0

B. 1

C. 2

D. -1

10. The multiplicative identity of rational numbers is:

A. 0

B. 1

C. 2

D. -1