



# VIDYA BHAWAN, BALIKA VIDYAPITH

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(Affiliated to CBSE up to +2 Level)

CLASS:8<sup>TH</sup>

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SUB.:MATHEMATICS

MCQs

1. **Associative property is not followed in .....**

- (a) whole numbers
- (b) integers
- (c) natural numbers
- (d) none of these

2. .... is the identity for the addition of rational numbers.

- (a) 1
- (b) 0
- (c) -1
- (d)  $\frac{1}{2}$

3. .... is the multiplicative identity for rational numbers.

- (a) 1
- (b) 0
- (c) -1
- (d)  $\frac{1}{2}$

4. **The additive inverse of  $\frac{7}{5}$  is:**

- (a) 1
- (b) 0
- (c)  $-\frac{7}{5}$
- (d)  $\frac{7}{5}$

5. **What number should be added to  $\frac{7}{12}$  to get  $\frac{4}{15}$ ?**

- (a)  $-\frac{19}{60}$
- (b)  $-\frac{11}{30}$
- (c)  $\frac{51}{60}$
- (d)  $\frac{1}{20}$

6. What number should be subtracted from  $-\frac{7}{5}$  to get -2?

- (a)  $-\frac{7}{5}$
- (b)  $-\frac{13}{5}$
- (c)  $\frac{13}{5}$
- (d)  $\frac{7}{5}$

7. Which of the rational numbers  $\frac{-5}{16}$ ,  $\frac{-13}{24}$ ,  $\frac{3}{-4}$ ,  $\frac{7}{-12}$  is the smallest?

- (a)  $\frac{-5}{16}$
- (b)  $\frac{-13}{24}$
- (c)  $\frac{3}{-4}$
- (d)  $\frac{7}{-12}$

8. Rational number  $\frac{3}{40}$  is equal to:

- (a) 0.75
- (b) 0.12
- (c) 0.012
- (d) 0.075

9. A rational number between  $\frac{3}{5}$  and  $\frac{4}{5}$  is

- (a)  $\frac{7}{5}$
- (b)  $\frac{7}{10}$
- (c)  $\frac{3}{10}$
- (d)  $\frac{4}{10}$

10. Find x such that  $\frac{3}{5} = \frac{x}{-25}$

- (a) -5
- (b) -15
- (c) -15
- (d) none of these

11. Find x such that  $\frac{-48}{x} = 2$

- (a) 24

(b) -12

(c) -24

(d) none of these

12. Find x such that  $\frac{-3}{8}$  and  $\frac{x}{-24}$  are equivalent rational numbers.

(a) 3

(b) 9

(c) 8

(d) none of these

13. Find the value of  $\frac{3}{-5} \times \frac{-5}{-3}$

(a) -1

(b) 0

(c) 1

(d) none of these

14. The equivalent rational number of  $\frac{-6}{5}$  is

(a)  $\frac{-3}{5}$

(b)  $\frac{12}{10}$

(c)  $\frac{-12}{10}$

(d) none of these

15. Fill in the boxes with the correct symbol:  $\frac{5}{-11} \square \frac{-5}{11}$

(a) >

(b) <

(c) =

(d) none of these