



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :Arithmetic

Work sheet 3 Answer key

Marks:15

Rational Numbers

Date:23.1.2021

Answer all the following questions(1×15=15)

1. 1. What should be added to $-5/4$ to get -1 ?

I. $-1/4$

II. $1/4$

III. 1

IV. $-3/4$

2. What should be subtracted from $-5/4$ to get -1 ?

I. $-1/4$

II. $1/4$

III. 1

IV. $-3/4$

3. Which of the following is the identity element?

I. 1

II. -1

III. 0

IV. None of these

4. Which of the following is the Multiplicative identity for rational numbers?

I. 1

II. -1

III. 0

IV. None of these

5. Which of the following is neither appositive nor a negative rational number?

I. 1

II. 0

III. Such a rational number doesn't exist

IV. None of these

6. Which of the following lies between 0 and -1?

I. 0

II. -3

III. $-2/3$

IV. $4/3$

7. Which of the following is the reciprocal of a?

I. a

II. 0

III. $1/a$

IV. $-1/a$

8. Which of the following is the product of $7/8$ and $-4/21$?

I. $-1/6$

II. $1/12$

III. $-16/63$

IV. $-147/16$

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

I. $-1/6$

II. 12

III. $-63/16$

IV. $-16/147$

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

I. -1

II. 1

III. 0

IV. The number itself

11. An integer can be:

I. Only Positive

ii Only Negative

III. Both positive and negative

IV. None of the above

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

I. p/q

II. pq

III. $p+q$

IV. $p-q$

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

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

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

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

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

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

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

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

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

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

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

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

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

III. $\frac{3}{3}$

IV. 1

ANSWERS

1. (II)
2. (I)
3. (III)
4. (I)
5. (II)
6. (III)
7. (III)
8. (I)
9. (I)
10. (IV)
11. (III)
12. (I)
13. (II)
14. (IV)
15. (I)

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