



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :ArithmeticWork sheet2 Answer key

Marks:15Rational Numbers

Date:18.1.2021

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

1. _____ is a rational number lying between 3 &4

A)4

B)4.5

C)3.5

D)-1

2. Between 2 rational numbers _____rational numbers can be found

A) finite

B) 0

C) infinite

D) none of these

3. For 4 _____ is the additive identity

A) 0

B) -4/3

C) 1

D) none of these

4. For $\frac{6}{11}$ _____ is called the multiplicative identity

A) 0

B) 1

C) $\frac{33}{34}$

D) None of these

5. $1/2$ is the multiplicative inverse of _____

A) $2/1$

B) 0

C) $81/2$

D) none of these

6. $717 \div 0 =$ _____

A) 0

B) 777

C) undefined

D) none of these

7. For $5/4$ _____ is the additive inverse

A) $-5/4$

B) 45

C) $1/45$

D) $1/54$

8. $0 \div 1/24 = ?$

A) 0

B) $1/2$

C) undefined

D) none of these

9. The reciprocal of $|-99|$

A) $1/99$

B) $99/111$

C) $-111/99$

D) $111/99$

10. The product of two numbers is 39. If one of the numbers is $-13/7$, find the other?

A)21

B) -21

C)13/21

D)21/13

11.If $a > b$, $b > c$ then which of the following is true?

A) $c = a$

B) $b = a$

C) $c < a$

D) $a > c$

12.____ is an integer

A) 3.5

B) -6/18

C) 2

D) 3/8

13.Q denotes set of _____

A) rational numbers

B) integers

C) natural numbers

D) none of these

14.Set of integers is denoted by _____

A) Z

B) N

C)R

D) Q

15.____ is an example of a whole number

A)8.91

B) -65

C) $\frac{4}{7}$

D) 0

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