



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :ArithmeticWork sheet7 Answer key

Marks:15Rational Numbers

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

1. _____ is a rational number lying between 2 &3

A)4

B)4.5

C)2.5

D)-1

2. Between 2 rational numbers _____rational numbers can be found

A) finite

B) 0

C) infinite

D) none of these

3. For $\frac{3}{4}$ _____ is the additive identity

A) 0

B) $-\frac{4}{3}$

C) 1

D) none of these

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

A) 0

B) 1

C) $33/34$

D) None of these

$5.81/2$ is the multiplicative inverse of _____

A) $2/81$

B)0

C) $81/2$

D) none of these

$6.777 \div 0 =$ _____

A)0

B)777

C) undefined

D) none of these

7.For 54_____ is the additive inverse

A) -54

B) 45

C) $1/45$

D) $1/54$

$8.0 \div -12/24 = ?$

A) 0

B) $1/2$

C) undefined

D) none of these

9.The reciprocal of $|-99/111|$

A) $-99/111$

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) 2.5

B) $-6/18$

C) 1

D) $8/3$

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) \mathbb{Z}

B) \mathbb{N}

C) \mathbb{R}

D) \mathbb{Q}

15. ____ is an example of a whole number

A) 8.9

B) -6

C) $\frac{45}{71}$

D) 0

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