



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :Arithmetic

Work sheet 1 Answer key

Marks:15

Rational Numbers

Date:16.1.2021

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

1. Numbers which can be expressed in the form a/b (a & b are integers) are called _____

A) Irrational Numbers

B) Rational Numbers

C) Natural numbers

D) None of these

2. An example of a natural number is _____

A) -3

B) $4/5$

C) 12

D) none of these

3. An example of a rational number is _____

A) $\sqrt{2}$

B) $\sqrt{3}/\sqrt{5}$

C) $\sqrt{9}$

D) none of these

4. $-10/19$ _____ $8/19$

A) <

B) >

C) =

D) None of these

5. $102/103$ _____ $103/102$

A) <

B) >

C) =

D) none of these

6. $|x| =$ _____ if $x < 0$,

A) -x

B) x

C) $1/x$

D) none of these

7. _____ is neither positive nor negative

A) 0

B) 5

C) 12.5

D) -0.001

8. The absolute value of 77 is

A) -77

B) 77

C) 0.77

D) none of these

9. The reciprocal of $|1025/51|$ is

A) $102/5$

B) 20.4

C) $-5/102$

D) $51/1025$

10. _____ is the additive inverse of itself

A) 1

B) -1

C) 0

D) none of these

11. $-(-3/2) =$ _____

A) $3/2$

B) $-3/2$

C) 1.5

D) $1/3$

12. $a \times b + a \times c =$ _____

A) $a \times (b+c)$

B) $a \times (b-c)$

C) $a+(b-c)$

D) $a-(b \times c)$

13. $a/b < c/d$ if

A) $bd=ac$

B) $ad > bc$

C) $ad < bc$

D) none of these

14. $a/b > c/d$ if

A) $ac=bd$

B) $ad>bc$

C) $ad<bc$

D) none of these

15. $1/5 - 3/10 =$ _____

A) $-4/7$

B) $6/5$

C) $10/13$

D) $-1/10$

Indranil Ghosh

