



ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Arithmetic
Duration: 40 min

Class: 7
Worksheet Solution 12
RATIONAL NUMBERS.

Date: 22.02.21
Full Marks: 15

Choose the Correct options:

- The numerator of the rational number $\frac{3}{5}$ is
 - 3**
 - 5
 - 2
 - 8
- The denominator of the rational number $\frac{4}{7}$ is
 - 7**
 - 4
 - 3
 - 11
- $2 \div -5 \times -5/2 =$
 - 1**
 - 1
 - $\frac{2}{5}$
 - 5
- $-6/5 \div 1 =$
 - $-\frac{6}{5}$**
 - $\frac{6}{5}$
 - $\frac{5}{6}$
 - $\frac{5}{6}$
- $2/9 \times 27/8 =$
 - $\frac{4}{3}$
 - $\frac{3}{4}$**
 - 3
 - 4
- $7/12 \div (-7/12) =$
 - 1
 - 1**
 - 7
 - 7
- The sum $-\frac{3}{4} + 0 =$
 - $\frac{3}{4}$
 - $-\frac{3}{4}$**
 - 1
 - 0
- The denominator of the rational number 0 is
 - 0
 - 1
 - 1
 - any non-zero integer**
- The numerator of a rational number 8 is
 - 2
 - 4
 - 6
 - 8**
- The denominator of the rational number -9 is
 - 9**
 - 9
 - 1
 - 1

11. If $\frac{3}{4} = \frac{?}{12}$, then $?$ =
a. 3
b. 6
c. 9
d. 12
12. if $-\frac{7}{11} = \frac{14}{?}$, then $?$ =
a. 11
b. -11
c. 22
d. -22
13. if $-\frac{8}{-9} = -\frac{16}{?}$, then $?$ =
a. 18
b. -18
c. 9
d. -9
14. Which of the following is a negative rational number?
a. $\frac{1}{2}$
b. $\frac{3}{4}$
c. $-\frac{4}{-5}$
d. $\frac{2}{-3}$
15. Which of the following is a positive rational number?
a. $-\frac{1}{2}$
b. $\frac{2}{-3}$
c. $-\frac{3}{-4}$
d. -5