ST. LAWRENCE HIGH SCHOOL
A Jesuit Christian Minority Institution

Sub: Arithmetic   **Class: 7**   **Date: 01.08.20**
Duration: 40 Min   **Worksheet Solution 61**   **Full Marks: 15**
                              RATIONAL NUMBERS

Choose the correct options:

1. Convert 3/4 to decimal
   (a) .81
   (b) .4444
   (c) .93
   (d) .75

2. convert 6/9 into a decimal
   (a) .70
   (b) .66667
   (c) .91
   (d) .42

3. What is a rational number?
   (a) a common multiple of the denominators of 2 or more fractions
   (b) a number that can be expressed as a ratio of two integers written as a fraction, in which the denominator is not 0
   (c) a number that has to do with fractions converting to decimals and decimals converting to percentages
   (d) Fractions that have the same denominator

4. If a number is repeating, What symbol would you use to express this?
   (a) greater than sign
   (b) equal sign
   (c) negative sign
   (d) bar notation

5. Convert 3/12 to a decimal
   (a) .44
   (b) .25
   (c) .22
   (d) .48

6. 2/4 + 1/4=
   (a) 4/4
   (b) 3/4
   (c) 2/4
   (d) 1

7. A repeating decimal is.....
   (a) the decimal form of a fraction
   (b) a decimal with a bar notation
   (c) a decimal that is repeated
   (d) None of these

8. 4/5 + 3/8 =
   (a) 55/40
   (b) 1 7/40
   (c) 1 15/40
   (d) 1

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9. 0.444 repeated =
   (a) 4/4
   (b) 1/4
   (c) 4/9
   (d) 3/4
10. Convert 0.75 into a fraction
    (a) 1/75
    (b) 2/4
    (c) 75/100
    (d) 3/4
11. Which pair of numbers are relatively prime to one another?
    (a) 2 and 16
    (b) 3 and 7
    (c) 5 and 25
    (d) 8 and -64
12. 16/24 reduces to which fraction?
    (a) ½
    (b) ⅓
    (c) ⅚
    (d) ⅔
13. -14 divided by 28 reduces to what fraction?
    (a) ½
    (b) -½
    (c) 2
    (d) -2
14. What is ⅝ as a decimal?
    (a) 0.625
    (b) 0.63
    (c) 1.6
    (d) 0.58
15. What is -0.8 as a fraction in simplest form?
    (a) 4/5
    (b) -4/5
    (c) 8/10
    (d) -8/10