EQUIVALENT FRACTIONS

What Are Equivalent Fractions?

- Equivalent fractions are fractions that have **EQUAL** value.

    Example of equivalent fractions:

    ## 1/2 = 2/4

- You car
  numera
  number

    2   → numerator
    ---
    3   → denominator

- When determining equivalent fractions it is important to remember… **whatever you do to the NUMERATOR you MUST do to the DENOMINATOR!**

    Example:

    If you multiply the numerator of a fraction by 2, you MUST multiply the denominator by 2 as well.

EXAMPLES OF EQUIVALENT FRACTIONS:

1/2 =   2/4, 3/6, 4/8, 5/10, 6/12, 7/14, 8/16…

1/3 =   2/6, 3/9, 4/12, 5/15, 6/18, 7/21, 8/24…

1/4 =   2/8, 3/12, 4/16, 5/20, 6/24, 7/28, 8/32…

1/5 =   2/10, 3/15, 4/20, 5/25, 6/30, 7/35, 8/40…

- Using **MULTIPLICATION** to determine equivalent fractions:

$$\frac{2}{3} =$$

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- Using **D**

$$\frac{6}{18} = \frac{1}{3} \qquad\qquad \frac{6 \div 6}{18 \div 6} = \frac{1}{3}$$