SOLVING SIMPLE PROPORTIONS

- A proportion is a statement that two ratios are equal. 2/5 = 4/10

- A ratio is a pair of numbers used to show a comparison.

  5 out of 7 = 5/7

- To solve a proportion, calculate equivalent fractions in order to be sure the two fractions (ratios) are equal.

How to solve simple proportions:

- When solving proportions, think equivalent fractions.

  For instance, 1/2 = 2/4 = 3/6 = 4/8

- Because _____ s one is itself (an equ_____

- The nur_____ numerator and der_____ tc.

- To calcu_____ e on the fraction_____ tors for the new denominator needed.

  - **5/8 = n/24**
  - 8 X 3 = 24
  - Choose 1 = 3/3
  - Multiply 5/8 X 3/3
  - **5/8 = 15/24**

  - **2/5 = n/30**
  - 5 X 6 = 30
  - Choose 1 = 6/6
  - Multiply 2/5 X 6/6
  - **2/5 = 12/30**

Try This!

3/9 = n/27 _____

2/3 = n/27 _____

5/6 = n/36 _____

3/8 = n/24 _____

4/5 = n/20