

## 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.



**PREVIEW**

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- $8 \times 3 = 24$
- Choose  $1 = 3/3$
- Multiply  $5/8 \times 3/3$
- **$5/8 = 15/24$**
  
- **$2/5 = n/30$**
- $5 \times 6 = 30$
- Choose  $1 = 6/6$
- Multiply  $2/5 \times 6/6$
- **$2/5 = 12/30$**

## Try This!

$$\frac{3}{9} = \frac{n}{27} \underline{\hspace{2cm}}$$

$$\frac{2}{3} = \frac{n}{27} \underline{\hspace{2cm}}$$

$$\frac{5}{6} = \frac{n}{36} \underline{\hspace{2cm}}$$

$$\frac{3}{8} =$$

$$\frac{4}{5} =$$



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