## Journal Entry:

Read through the Getting Ready; Solve It problem on pg. 124 and answer.

## Section 2 - 7 Solving Proportions

Students will be able to:
-solve and apply proportions

Proportion: an equation that states that two ratios are equal.

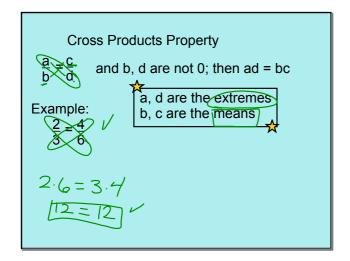
$$\frac{a}{b} = \frac{c}{d}$$

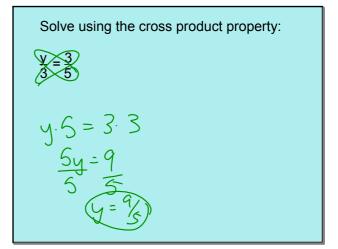
a is to b as c is to d

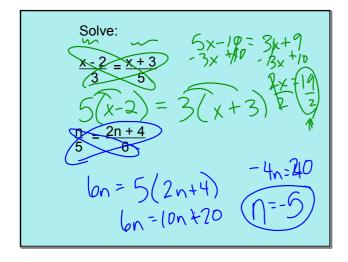
Solve using Multiplication:

$$x \cdot \frac{x}{7} = \frac{4}{5} \cdot \frac{7}{1}$$

$$X = \frac{28}{5}$$



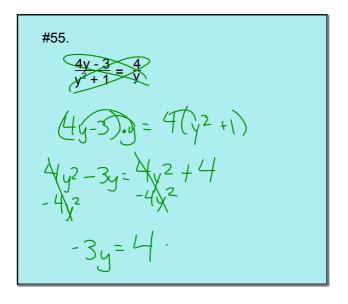




Dan Meyers Video: Nana's Chocolate Milk #37. Approximately 3 people out of every 30 are left-handed. About how many lefthanded people would you expect in a group of 140 people?

$$\times = 14 \qquad \frac{3}{30} = \frac{\times}{140}$$

In this class? 
$$\frac{3}{14} = \frac{3}{30} \qquad = 1$$



Hwk: pg. 127 - 129 #10 - 34 every 4th, 38, 40, 42 - 50 every 4th, 52, 54, 55, 56