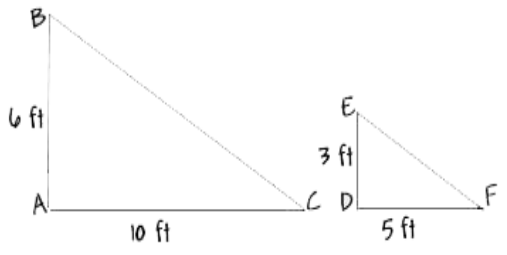
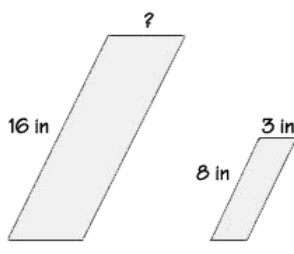
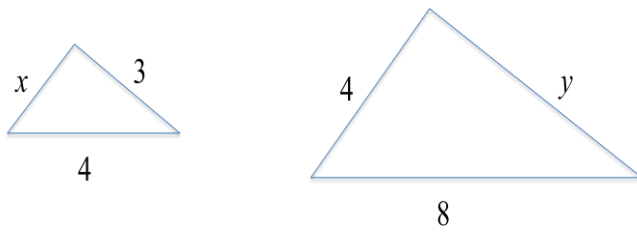
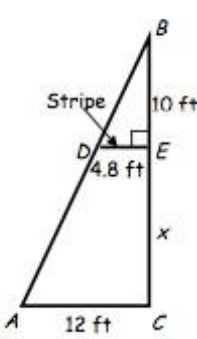


Cornell Notes	Topic/Objective: Similar Figures	Name:
		Class/Period:
		Date:

**Essential Question:** How do we find a missing side of an object when working with similar figures?

<b>Questions:</b>	<b>Notes:</b>
Definition of Similar Figures:	
	Two figures are similar if the following conditions are true:
	➤
	➤
	➤
Symbol for "is similar to"	
Are these two triangles similar?	<p><u>Example 1:</u> Write a proportion:</p> 
What is the length of the missing side?	<p><u>Example 2:</u> Write a proportion:</p> 
What is the length of the missing side?	<p><u>Example 3:</u> Write a proportion:</p> 
	<p><u>Example 4:</u> The sail shown below has a horizontal stripe parallel to the base of the sail. What is the distance, <math>x</math>, from the bottom of the sail to the stripe?</p> 

**Summary:**

