2-8.notebook October 04, 2016

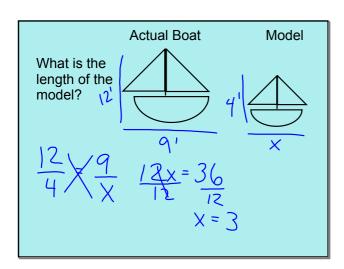
Journal Entry

Write a proportion that contains a variable. Name the extremes and means, and the cross products. Solve the proportion. Tell which property you used to solve the proportion and why you chose it.

Section 2-8
Proportions and Similar
Figures

Students will be able to
-find missing lengths in similar figures
-use similar figures when measuring
indirectly.

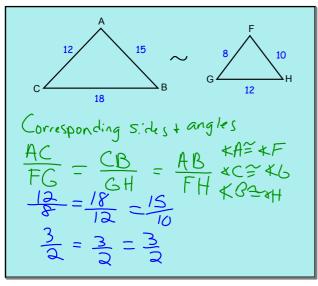
Aug 18-2:52 PM Aug 18-2:52 PM



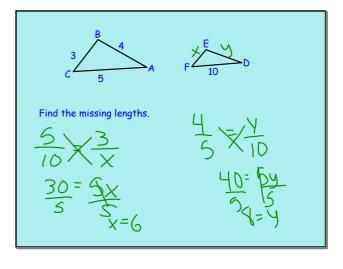
Aug 18-2:52 PM

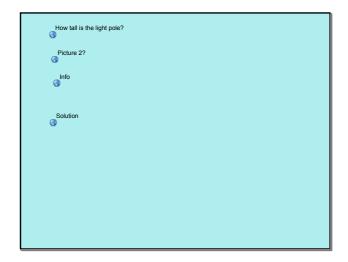
Similar figures have the same shape but not necessarily the same size.

Proportions can be used to find missing side lengths.



Aug 18-2:52 PM





What is a scale drawing?

The ratio of any length in the drawing to the actual length is always the same, called the scale.

Oct 11-10:19 AM Aug 18-2:52 PM

A model of a new campus building is 5 in. tall. If one inch represents 8.5 ft, how tall will the building be?

A student who is 5.25 feet tall is standing next to a tree. The shadow of the student is 20 ft and the shadow of the tree is 80 ft. What is the height of the tree?

Aug 18-2:52 PM

Aug 18-2:52 PM

Hwk: pg. 134 - 136 #6 - 18 evens, 19 - 22 all