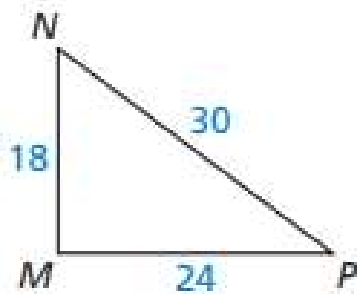# Ch. 8 Review!
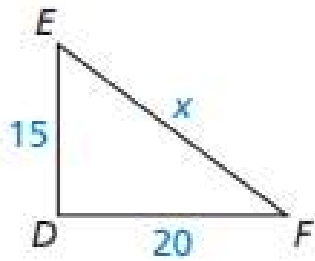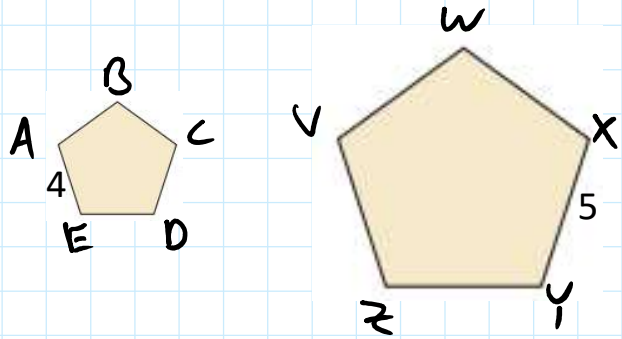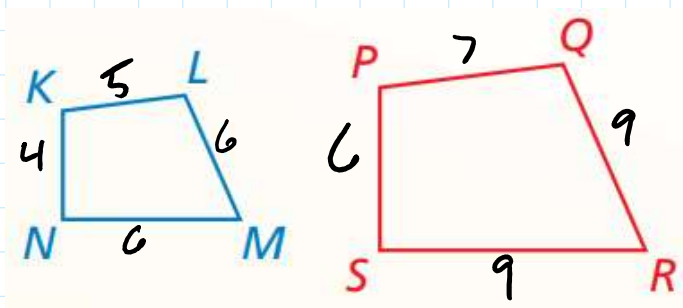
The POLYGONS ARE SIMILAR. Write a scale factor and find the value of x.

Determine if the two regular pentagons are similar.
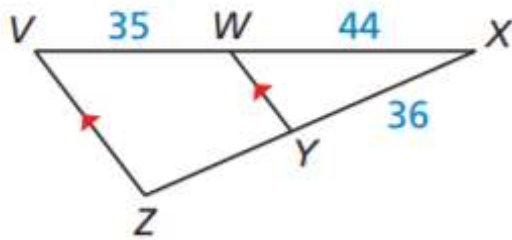$ABCDE \sim VWXYZ$

Determine whether the polygons are similar. If they are, write a similarity statement.

A school flagpole casts a shadow that is 45 feet long. At the same time, a boy who is five feet eight inches tall casts a shadow that is 51 inches long. How tall is the flagpole to the nearest foot?

Find the length of $\overline{YZ}$.

20 total questions
Notecard allowed
Good Luck!!
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