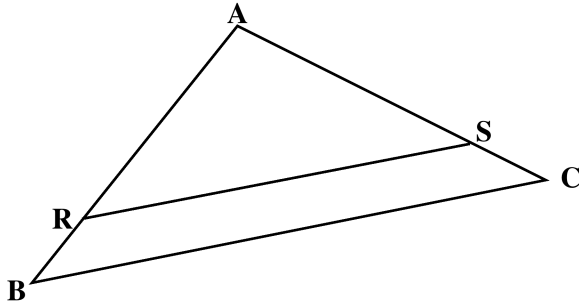


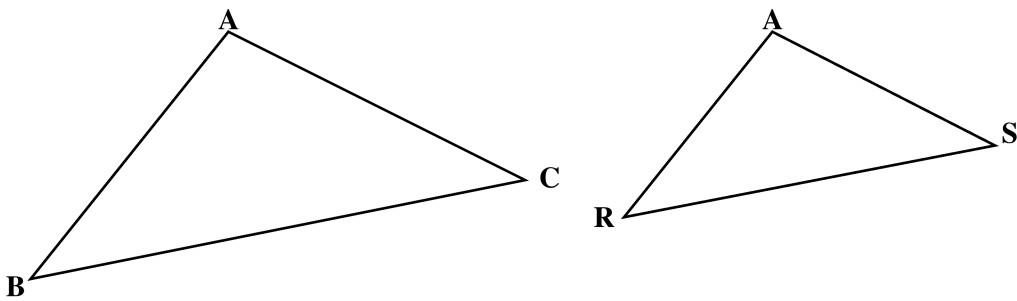
4. More Similar Triangles

First & Last Name: _____ Class: _____

Your work with triangles will often involve a situation in which the similar triangles are overlapping, or inside one another. Here is an example of overlapping similar triangles. Do you see the two similar triangles?

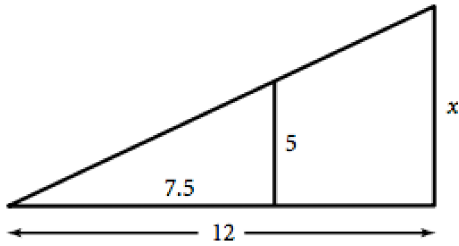


If you were to separate them and redraw them, the two triangles would look like this.

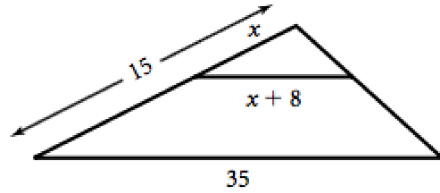


Find the unknown lengths in these pairs of overlapping similar triangles.

1.



2.



Use your calculator to solve these proportions for the unknown side length.

3. $\frac{4.6}{27.6} = \frac{2.5}{x}$

4. $\frac{301}{d} = \frac{426}{5694}$