

3. Polygon Equations

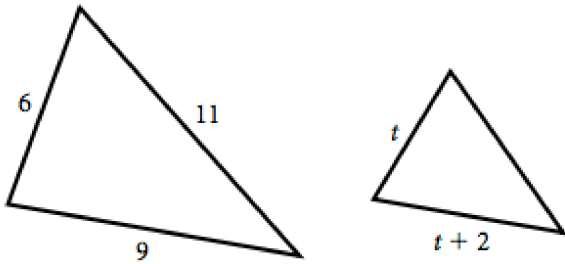
First & Last Name: _____ Class: _____

As in *Similar Problems*, assume that in each pair of figures, the second polygon is similar to the first, with the same orientation. Perform these steps.

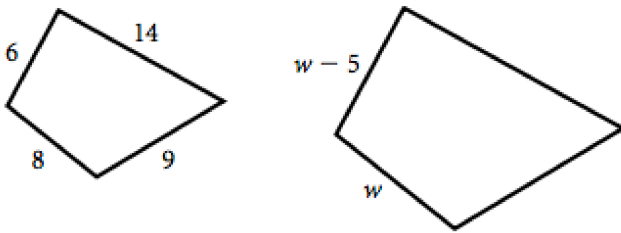
- Set up equations to find the lengths of the sides labeled by variables.
- Solve each equation and find the labeled lengths.
- Find any remaining lengths of either figure.

Note: These diagrams are not necessarily drawn to scale.

1.



2.



3.

