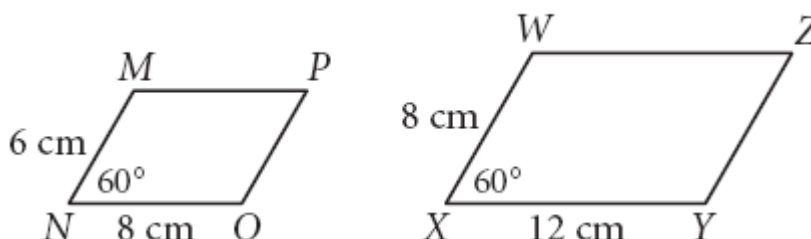


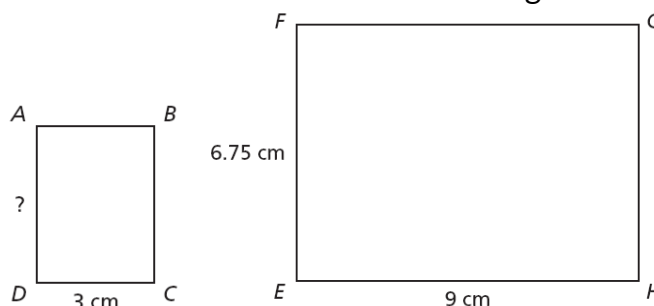
Name: _____

Similar Polygons

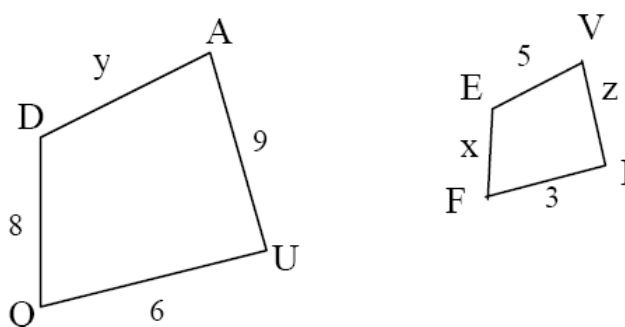
Exercise 1: Determine whether parallelogram $MNOP$ is similar to parallelogram $WXYZ$.



Exercise 2: Rectangles $ABCD$ and $EFGH$ are similar. Find the length of side AD . Explain.



Exercise 3: Given: Quadrilateral $QUAD \sim$ quadrilateral $FIVE$



- State the congruent angle pairs.
- State the scale factor from quadrilateral $QUAD$ to quadrilateral $FIVE$.
- Find x , y , and z .
- Find the ratio of the perimeter of quadrilateral $QUAD$ to quadrilateral $FIVE$.