Pre-Algebra: Dilations & Finding Scale Factor Worksheet

Show your work!!!

1. Rectangle ABCD is similar to rectangle EFGH.

![Rectangle Diagram]

What is the scale factor from rectangle ABCD to rectangle EFGH?

A 1.5  
B 2.5  
C 5.0  
D 19.0

Write the scale factors and values for x for the pairs of similar triangles below.

2. [Diagram of two similar triangles]

Scale Factor: ____ x = ____

3. [Diagram of two similar triangles]

Scale Factor: ____ x = ____
3.

Scale Factor: _____ x = __

4.

Scale Factor: _____ x = __

5.

Scale Factor: _____ x = __

6.

Scale Factor: _____ x = __
Quadrilateral $A'B'C'D'$ is a dilation of quadrilateral $ABCD$. Find the scale factor. Classify each dilation as an enlargement or a reduction.

7. Scale Factor is ______

8. Scale Factor is ______

9. Scale Factor is ______