Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_\_



1. Name all the pairs of similar shapes. Explain how you know they are similar.
2. For each pair of similar **figures,** find the scale factor in both directions. Sketch a picture or label them in the picture above.

1. List **two** pairs of non-similar shapes and explain how you know they are not similar.



**a.** Draw a rectangle that is similar, but not identical, to the given rectangle.

**b.** Draw a triangle that is similar, but not identical, to the given triangle.

**c.** How do you know the figures you drew are similar to the original figures?

