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

Mr. Kaufman Geometry

**Trapezoids**

Today we’re going to analyze different trapezoids and rectangles to figure out which definition is more rigid.

1. In the space below sketch 3 different trapezoids. Try to make them as unique as possible.

2. In the space below sketch 3 different rectangles. Try to make them as unique as possible.

3. Compare and contrast your drawings for problems 1 and 2.

Look at your trapezoid drawings. Are they similar to each other? How?

Look at your rectangle drawings. Are they similar to each other? How?

Which group of drawings is more similar?

4. Which definition allows for more creativity, the trapezoid definition or the rectangle definition? Explain