Name: _____ Date: _____ Class: _____

Scaling a Figure Pre-Quiz

Instructions: Choose one of the following answers (A-D) to complete each sentence.
Note: The answers may be used more than once or not at all.

    A. **half as large as**

    B. **the same size as**

    C. **twice as large as**

    D. **four times as large as**

Suppose we *double* the size of a figure.

1. The general shape of the figure will be _____ the original figure.

2. The lengths of any line segments in the figure will be _____ the segments in the original figure.

3. The perimeter of the image will be _____ the original figure.

4. The area of the image will be _____ the original figure.

5. The angles of the image will be _____ the original figure.