

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

## Scaling a Figure Post-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. one-third as large as
- B. the same size as
- C. three times as large as
- D. nine times as large as

Suppose we ***triple*** 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.