

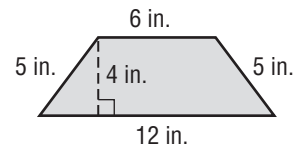
Lesson 4 Homework Practice

Changes in Dimension

Refer to the figures at the right for Exercises 1–4.
Justify your answers.

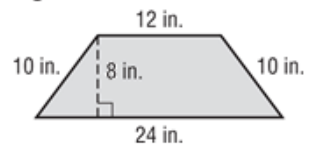
- Describe the change in the perimeter from Figure A to Figure B.

Figure A



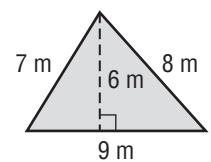
- Describe the change in the area from Figure A to Figure B.

Figure B



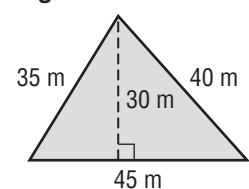
- Describe the change in the perimeter from Figure C to Figure D.

Figure C



- Describe the change in the area from Figure C to Figure D.

Figure D



- A photo album contains small and large photographs. Each large photograph has side lengths that are twice the side lengths of each small photograph. The area of each small photograph is 24 square inches. What is the area of each large photograph? Explain.