

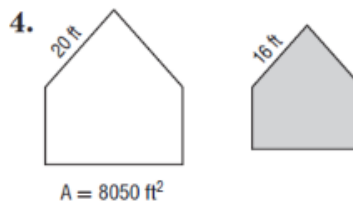
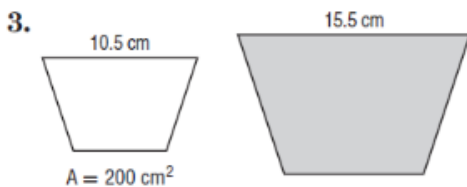
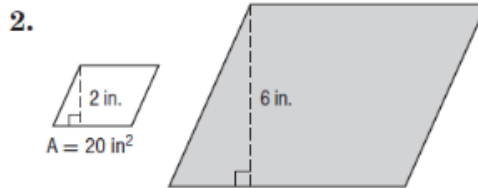
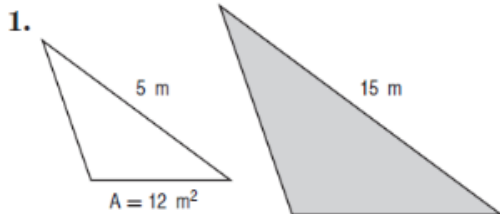
11-5 Study Guide and Intervention

Areas of Similar Figures

Areas of Similar Figures If two polygons are similar, then their areas are proportional to the square of the scale factor between them.

Exercises

For each pair of similar figures, find the area of the shaded figure. Round to the nearest tenth if necessary.



Scale Factors and Missing Measures in Similar Figures You can use the areas of similar figures to find the scale factor between them or a missing measure.

Exercises

For each pair of similar figures, use the given areas to find the scale factor from the unshaded to the shaded figure. Then find x .

