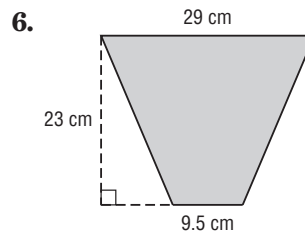
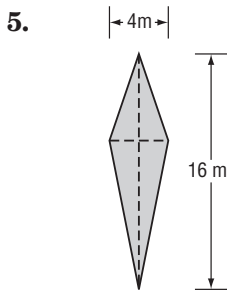
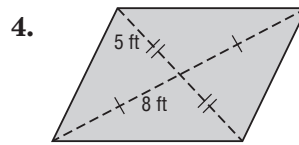
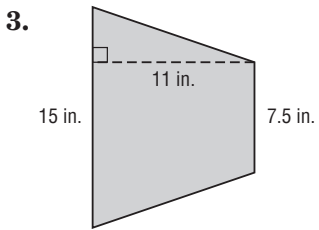
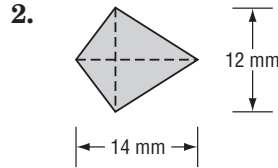
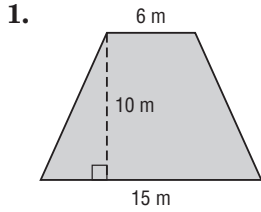


11-2 Skills Practice

Areas of Trapezoids, Rhombi, and Kites

Find the area of each trapezoid, rhombus, or kite.



ALGEBRA Find each missing length.

- A trapezoid has base lengths of 6 and 15 centimeters with an area of 136.5 square centimeters. What is the height of the trapezoid?
- One diagonal of a kite is four times as long as the other diagonal. If the area of the kite is 72 square meters, what are the lengths of the diagonals?
- A trapezoid has a height of 24 meters, a base of 4 meters, and an area of 264 square meters. What is the length of the other base?