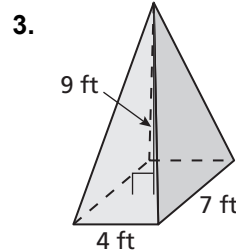
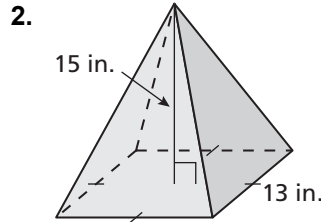
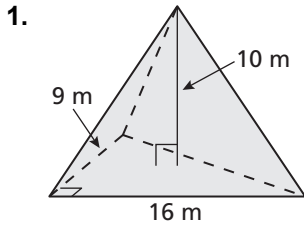


11.5 Practice A

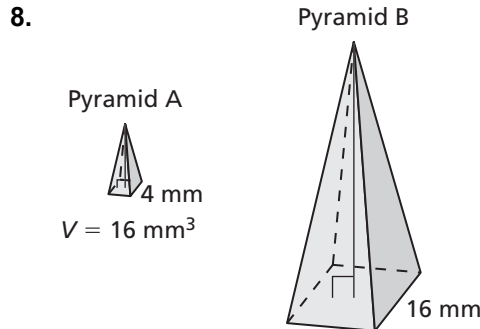
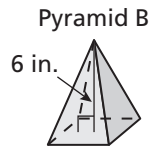
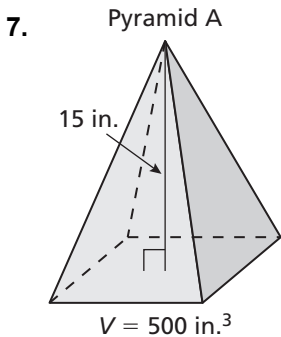
In Exercises 1–3, find the volume of the pyramid.



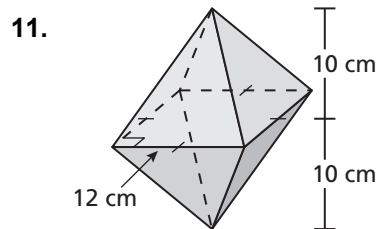
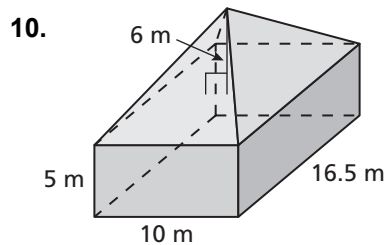
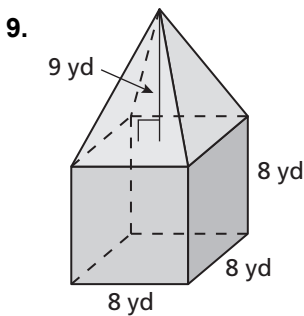
In Exercises 4–6, find the indicated measure.

- A pyramid with a square base has a volume of 320 cubic centimeters and a height of 15 centimeters. Find the side length of the square base.
- A pyramid with a rectangular base has a volume of 60 cubic feet and a height of 6 feet. The width of the rectangular base is 4 feet. Find the length of the rectangular base.
- A pyramid with a triangular base has a volume of 80 cubic meters and a base area of 20 square meters. Find the height of the pyramid.

In Exercises 7 and 8, the pyramids are similar. Find the volume of Pyramid B.



In Exercises 9–11, find the volume of the composite solid.



- The Pyramid Arena in Memphis, Tennessee is about 98 meters tall and has a square base with a side length of about 180 meters. A prism-shaped building has the same square base as the Pyramid Arena. What is the height of the building if it has the same volume as the Pyramid Arena?