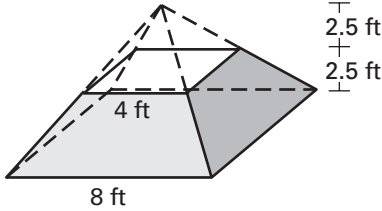


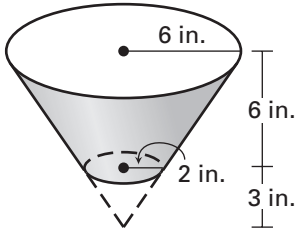
Challenge Practice

For use with pages 558–563

- The solid below is a pyramid with a square base whose top portion has been removed. Find the volume of the resulting solid. Round to the nearest whole number.

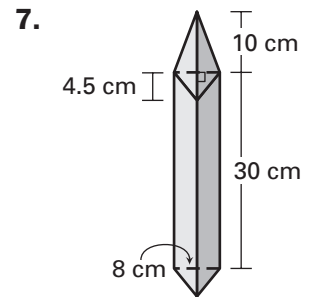
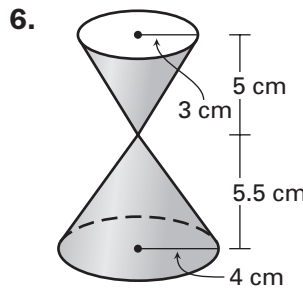
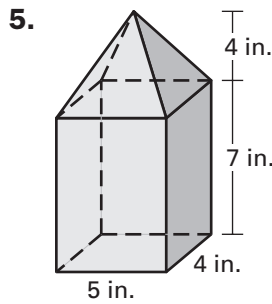


- The solid below is a cone whose top portion has been removed. Find the volume of the resulting solid. Round to the nearest whole number.



- The height of a pyramid with a square base is 9 centimeters and the pyramid has a volume of 108 cubic centimeters. What is the length of the base?
- The radius and slant height of a cone are 8 inches and 10 inches, respectively. Find the volume of the cone. Round to the nearest whole number.

Find the volume of the solid. Round to the nearest whole number.



- A pyramid with a square base has a slant height of 13 meters and the length of a side of the base is 24 meters. What is the volume of the pyramid?