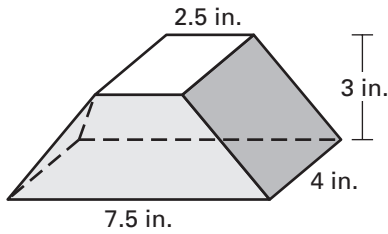


Challenge Practice

For use with pages 550–557

- The volume of a rectangular prism is 375 cubic millimeters. The base is a square and the height is three times the length of the side of the base. What are the dimensions of the prism?
- Find the volume of the trapezoidal prism.



- The volume of a cylinder is about 402 cubic inches. The height is 2 times the cylinder's radius. What are the radius and height of the cylinder? Round to the nearest whole number.

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

