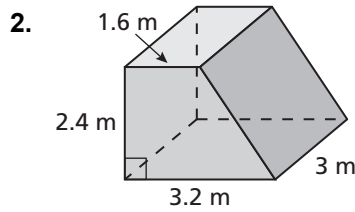
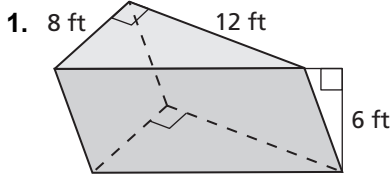


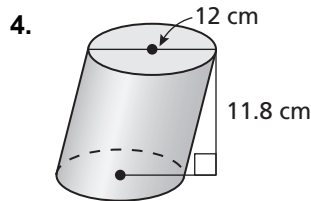
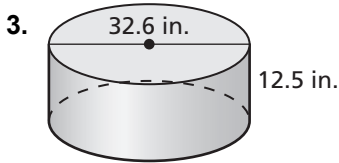
11.4

Practice B

In Exercises 1 and 2, find the volume of the prism.

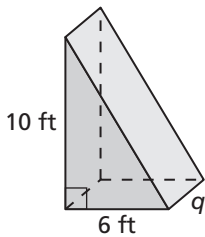


In Exercises 3 and 4, find the volume of the cylinder.

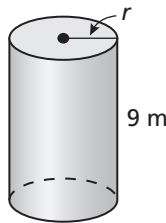


In Exercises 5 and 6, find the missing dimension.

5. Volume = 120 ft^3



6. Volume = 254.5 m^3



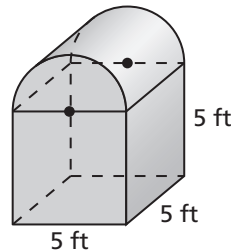
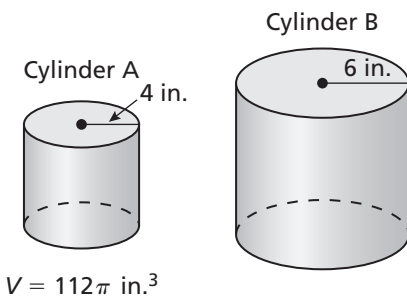
In Exercises 7 and 8, find the area of the base of the rectangular prism with the given volume and height. Then give a possible length and width.

7. $V = 216 \text{ yd}^3$, $h = 12 \text{ yd}$

8. $V = 448 \text{ in.}^3$, $h = 14 \text{ in.}$

9. The cylinders are similar. Find the volume of Cylinder B.

10. Find the volume of the composite solid.



11. An aquarium shaped like a rectangular prism has a length of 24 inches, a width of 12 inches, and a height of 18 inches. You fill the aquarium half full with water. When you submerge a rock in the aquarium, the water level rises 0.5 inch. Find the volume of the rock.