


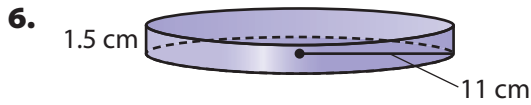
13.1 Independent Practice

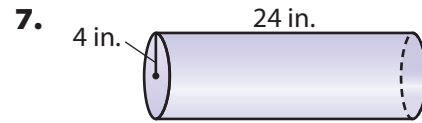
COMMON CORE 8.G.9

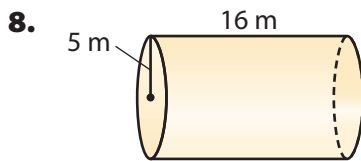


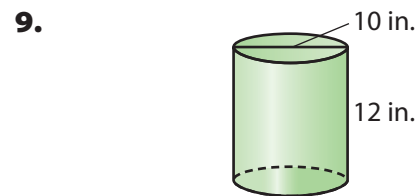
Personal Math Trainer
Online Assessment and Intervention
my.hrw.com

Find the volume of each figure. Round your answers to the nearest tenth if necessary. Use 3.14 for π .









10. A cylinder has a radius of 4 centimeters and a height of 40 centimeters.

11. A cylinder has a radius of 8 meters and a height of 4 meters.

Round your answer to the nearest tenth, if necessary. Use 3.14 for π .

12. The cylindrical Giant Ocean Tank at the New England Aquarium in Boston is 24 feet deep and has a radius of 18.8 feet. Find the volume of the tank.

13. A standard-size bass drum has a diameter of 22 inches and is 18 inches deep. Find the volume of this drum.

14. Grain is stored in cylindrical structures called silos. Find the volume of a silo with a diameter of 11.1 feet and a height of 20 feet.

15. The Frank Erwin Center, or “The Drum,” at the University of Texas in Austin can be approximated by a cylinder that is 120 meters in diameter and 30 meters in height. Find its volume.

