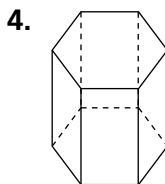
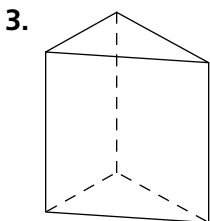
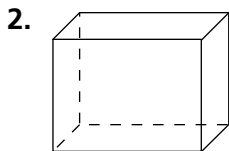


# Skill: Volume of a Prism or a Cylinder

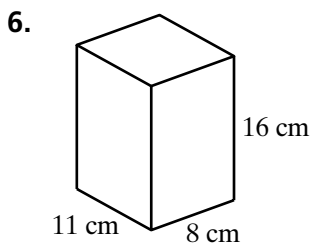
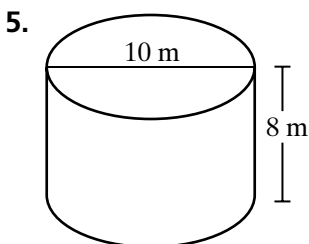
## Investigation 3

### Filling and Wrapping

Name each three-dimensional figure.



Find the volume of each prism or cylinder.

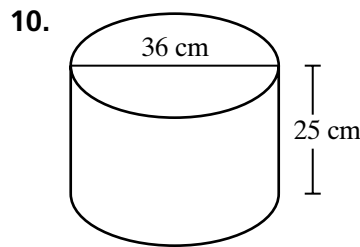
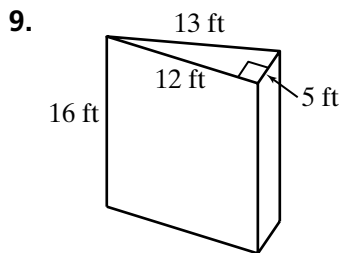
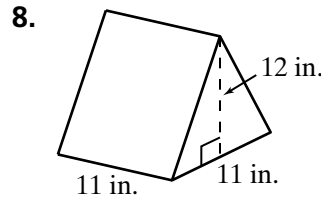
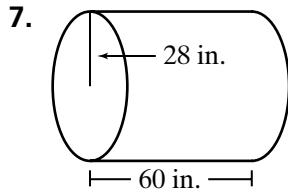


# Skill: Volume of a Prism or a Cylinder *(continued)*

## Investigation 3

### Filling and Wrapping

For Exercises 7–10, find the volume of each prism or cylinder.



11. A water storage tank has a cylindrical shape. The base has a diameter of 18 meters and the tank is 32 meters high. How much water, to the nearest cubic unit, can the tank hold?

12. A cylindrical juice container is 9 inches tall and has a radius of 2 inches. What is the volume of the container to the nearest whole unit?