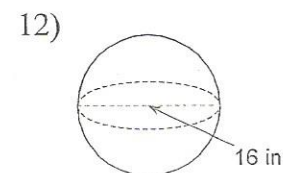
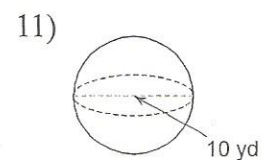
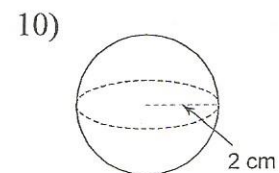
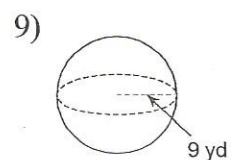
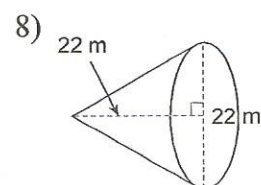
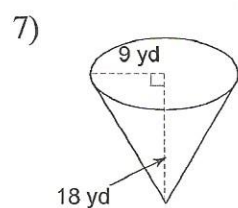
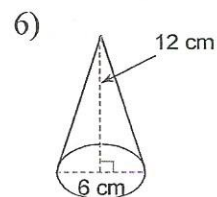
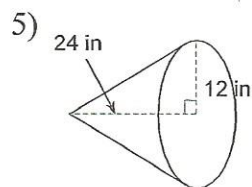
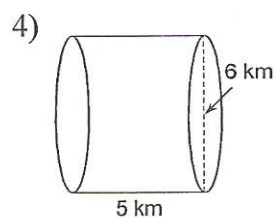
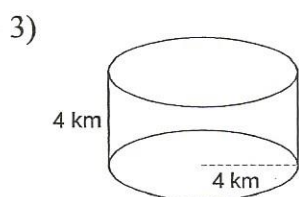
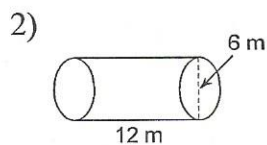
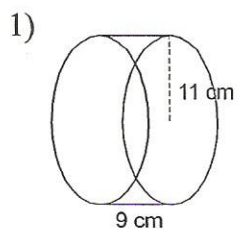


## VOLUME: Cylinders, Cones, &amp; Spheres

Date \_\_\_\_\_ Period \_\_\_\_\_

Find the volume of each figure. Round your answers to the nearest whole, if necessary.



Name \_\_\_\_\_

Date \_\_\_\_\_

### Volumes of Cones, Cylinders, and Spheres - Matching Worksheet

Match the word problems to their answers. Write the letter of the answer that matches the problem.

- \_\_\_\_\_ 1. A cylinder shaped jar has a radius of 2 cm and a height of 6 cm. What's the volume of the jar? a.  $V=826.61\text{ cm}^3$
- \_\_\_\_\_ 2. A wooden block that has a hole drilled in it. The holes measure a radius of 8 cm and a height of 10 cm. Find the volume of the hole. b.  $V=523.33\text{ cm}^3$
- \_\_\_\_\_ 3. A 9 cm wide cross section pipe has a height of 13 cm. Calculate the volume of the pipe. c.  $V=75.36\text{ cm}^3$
- \_\_\_\_\_ 4. An ice cream package is cone shaped. It has a radius of 5.5 cm and a height of 17 cm. Find the volume of the ice cream cone. d.  $V=538.24\text{ cm}^3$
- \_\_\_\_\_ 5. A submarine has a radius of 920 meters and a height of 85 meters. Find the volume of the submarine. e.  $V=81,400\text{ ft}^3$
- \_\_\_\_\_ 6. The coned shaped room has a height of 15 ft and a radius of 72 ft. Find the volume of the room. f.  $V=2009.6\text{ cm}^3$
- \_\_\_\_\_ 7. I have a snow globe with a radius of 2 cm. Find the volume of the globe. g.  $226,109,714.28\text{ m}^3$
- \_\_\_\_\_ 8. A rounded cup of tea has an opening shaped like a sphere. That radius is 5 cm. Find the volume of the cup. h.  $V=33.49\text{ cm}^3$
- \_\_\_\_\_ 9. Assume that a balloon is spherical shaped. If you have a balloon with a radius of 3 cm, what's the volume? i.  $V=113.10\text{ cm}^3$

