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 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 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 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 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 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 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 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 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 cm^3