

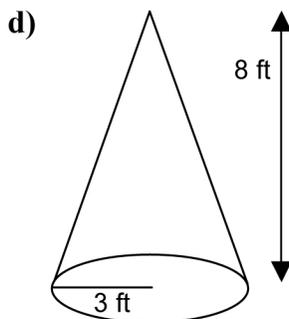
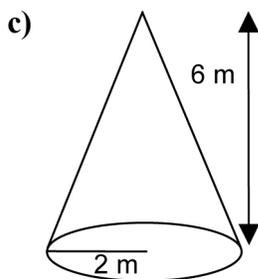
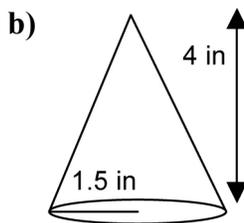
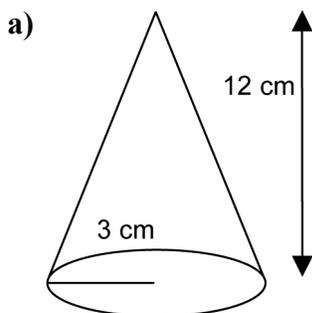
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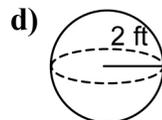
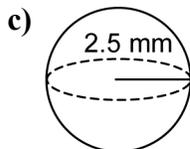
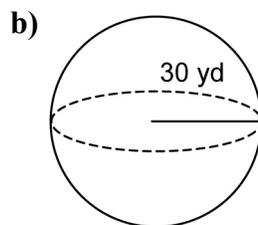
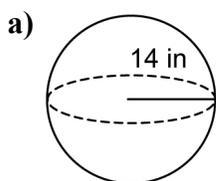
**BLM 9.4.1**

## Practice: Volume of Cones and Spheres

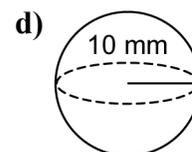
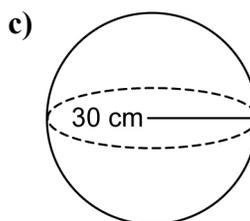
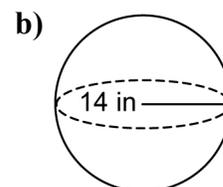
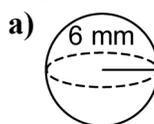
1. Find the volume of each cone. Round your answers to the nearest tenth of a unit.



2. Find the volume of each sphere. Round your answers to the nearest tenth of a unit.



3. Find the volume of each sphere. Round your answers to the nearest tenth of a unit.



4. Find the height of a cone that has radius 2 cm and volume  $23 \text{ cm}^3$ .

5. Find the radius of a sphere with volume  $7.2 \text{ in}^3$ .

6. What is the volume of air needed to fill a beach ball with a diameter of 25 cm?