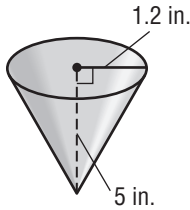


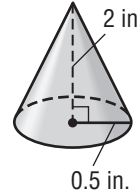
Lesson 2 Problem-Solving Practice

Volume of Cones

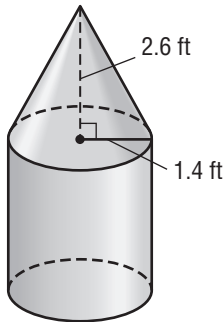
- 1. DESSERT** Find the volume of the ice cream cone shown below. Round to the nearest tenth. **7.5 in^3**



- 2. SALT** Lecretia uses a small funnel as shown below to fill her salt shaker. Find the volume of the funnel. Round to the nearest tenth. **0.5 in^3**



- 3. ENTRYWAY** The top of the stone posts at the entry to an estate are in the shape of a cone as shown below. Find the volume of stone needed to make the top of the post. Round to the nearest tenth. **5.3 ft^3**



- 4. PAPERWEIGHT** Marta bought a paperweight in the shape of a cone. The radius was 10 centimeters and the height 9 centimeters. Find the volume. Round to the nearest tenth. **942.5 cm^3**

- 5. LAMPSHADE** A lampshade is in the shape of a cone. The diameter is 5 inches and the height 6.5 inches. Find the volume. Round to the nearest tenth. **42.5 in^3**

- 6. CANDY** A piece of candy is in the shape of a cone. The height of the candy is 2 centimeters and the diameter is 1 centimeter. Find the volume. Round to the nearest tenth. **0.5 cm^3**