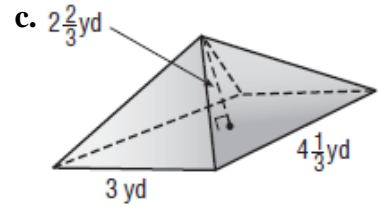
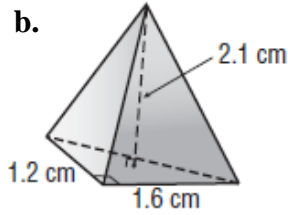
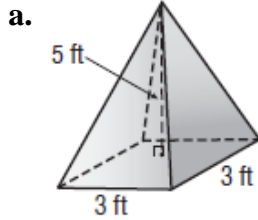


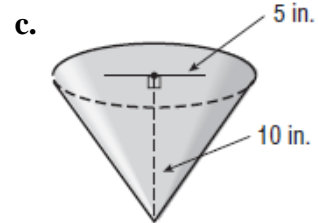
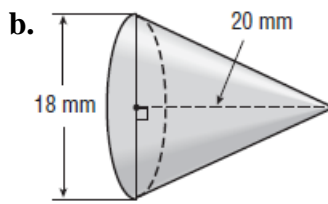
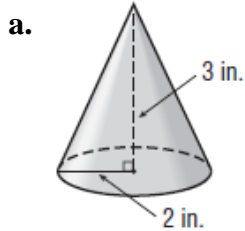
7-6 Skills Practice: Volume of Pyramids & Cones

Show work for all problems!

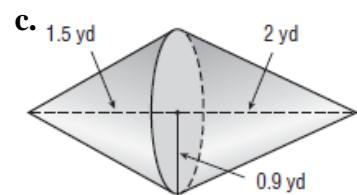
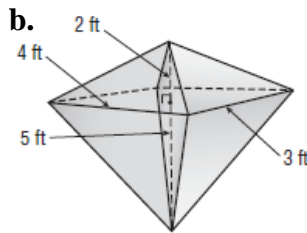
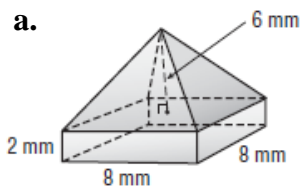
1. Find the volume of each pyramid. Use 3.14 for π . Round to the nearest tenth if necessary.



2. Find the volume of each cone. Use 3.14 for π . Round to the nearest tenth if necessary.

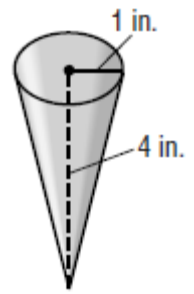


3. Find the volume of each solid. Use 3.14 for π . Round to the nearest tenth if necessary.

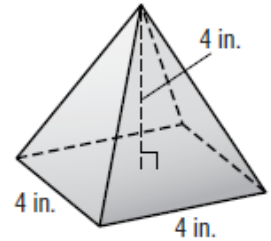


4. The Great Pyramid has an astounding volume of about 84,375,000 cubic feet above ground. At ground level the area of the base is about 562,500 square feet. What is the approximate height of the Great Pyramid?

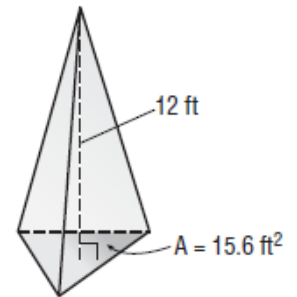
5. Find the volume of the ice cream cone shown at the right.
Round to the nearest tenth if necessary.



6. On a trip to Egypt, Myra bought a small glass pyramid as a souvenir.
Find the volume of the glass used to make the pyramid.
Round to the nearest tenth.



7. An artist created a commemorative marker in the shape of a triangular pyramid.
Find the volume of the stone used to make the marker.
Round to the nearest tenth.



8. A silo is a tall cylinder, and the top of a silo is a cone, as shown in the figure.
Find the volume of the entire silo.
Round to the nearest tenth.

