

**8.2**

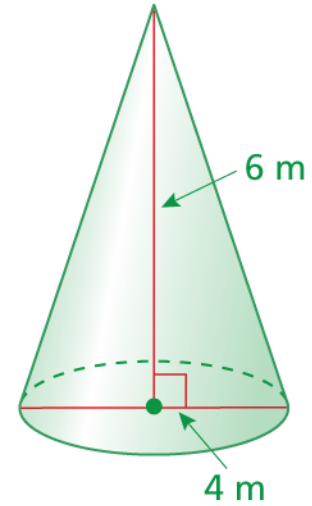
**VOLUME OF  
CONES**

# VOLUME FORMULA OF A CONE



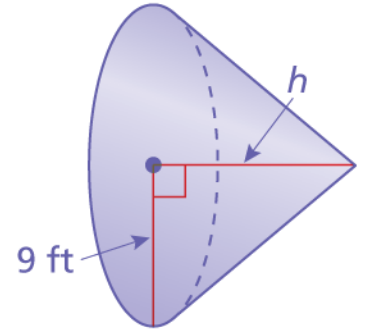
# Example

Find the volume of the cone. Round your answer to the nearest tenth.



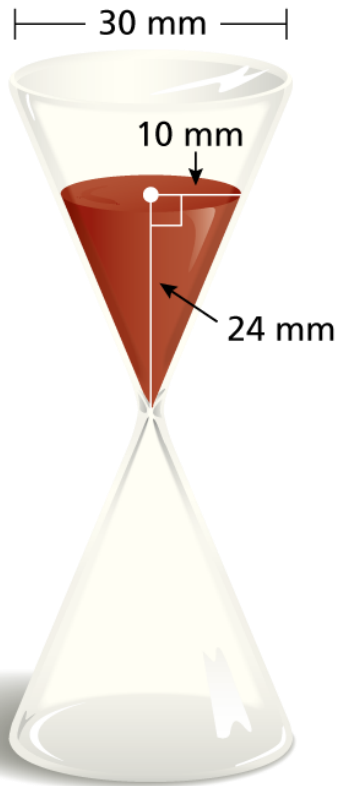
# Example

Find the height of the cone. Round your answer to the nearest tenth.



$$\text{Volume} = 956 \text{ ft}^3$$

# Example



**You must answer a trivia question before the sand in the timer falls to the bottom. The sand falls at a rate of 50 cubic millimeters per second. How much time do you have to answer the question?**