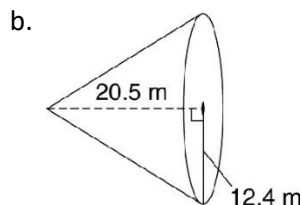
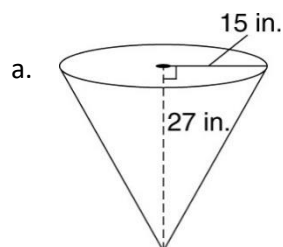


Name: _____ Teacher: _____ School: _____

Grade 8: Lesson 20 Volume of Cones

Complete the following exercises. You may use a calculator as needed.

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



3. The mold for a cone has a diameter of 4 inches and is 6 inches tall. What is the volume of the cone mold to the nearest tenth?

4. A medium-sized paper cone has a diameter of 8 centimeters and a height of 10 centimeters. What is the volume of the cone?

5. A funnel has a diameter of 9 in. and is 16 in. tall. A plug is put at the open end of the funnel. What is the volume of the cone to the nearest tenth?

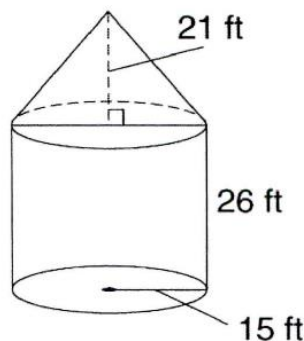
6. A party hat has a diameter of 10 cm and is 15 cm tall. What is the volume of the hat?

7. Find the volume of the composite figure to the nearest tenth. Use 3.14 for π .

- a. Volume of cone:

- b. Volume of cylinder:

- c. Volume of composite figure:



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