

Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

Math 8 - Measurement

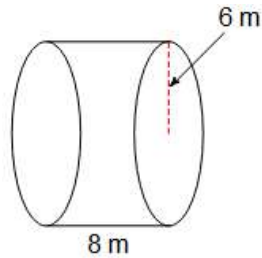
Volume of Cylinders

$$V = \pi r^2 h$$

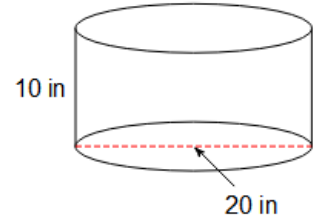
### Independent Practice for *Volume of Cylinders* Lesson

Directions – Work on this page or your own piece of paper to answer each of the following. **Use ESA.**

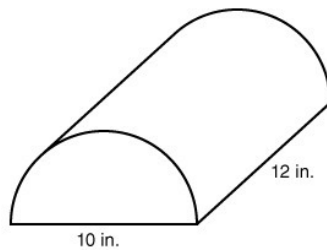
- 1) Calculate the volume and round to the nearest tenths place.



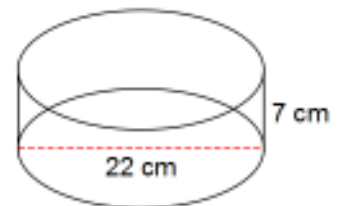
- 2) Calculate the volume and round to the nearest tenths place.



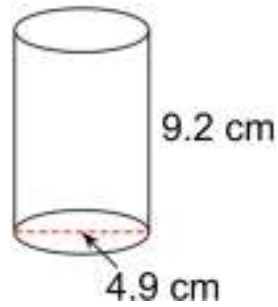
- 3) Calculate the volume and write your answer **in terms of  $\pi$** .



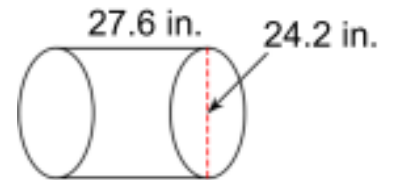
- 4) Calculate the volume and write your answer **in terms of  $\pi$** .



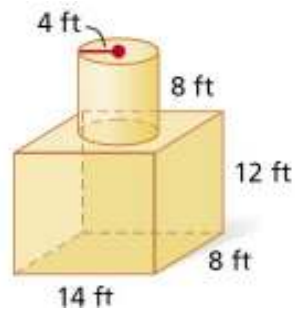
- 5) Calculate the volume and round to the nearest tenths place.



- 6) Calculate the volume and round to the nearest tenths place.



- 7) Calculate the total volume and round your answer to the nearest tenths place.



- 8) Calculate the volume of a roll of paper towels and write your answer **in terms of  $\pi$** . Remember that the center cylinder is hollow. (Hint-subtract)

