

Name: \_\_\_\_\_

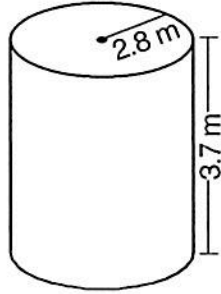
Mrs. Roubos

Date: \_\_\_\_\_

8R Period \_\_\_\_\_

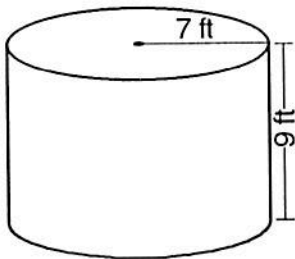
Volume of a cylinder  
Homework  
\*\*\*Show work!!

- 1) What is the volume of the cylinder below to the nearest meter<sup>3</sup>?

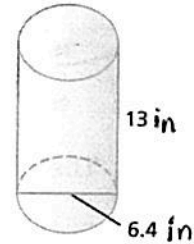


- A) 24 m<sup>3</sup>
- B) 98 m<sup>3</sup>
- C) 91 m<sup>3</sup>
- D) 48 m<sup>3</sup>

- 2) What is the volume of the cylinder below to the nearest tenth.



- 3) What is the volume of the cylinder below to the nearest inch<sup>3</sup>?  $\pi = 3.14$



- 4) Find, in terms of  $\pi$ , the volume of a right circular cylinder whose height is 10 inches and whose radius is 3 inches.