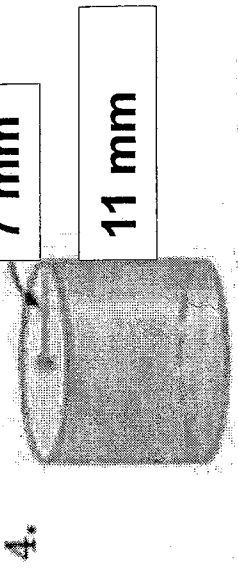
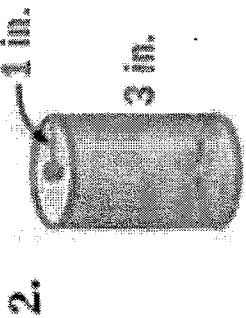


P. 664 2-10 evens

Name _____

FINDING VOLUME Find the volume of the cylinder. Use 3.14 for π . Check your answer using estimation.



6. $d = 6$ in., $h = 4$ in.

8. ERROR ANALYSIS Describe and correct the error made in calculating the volume of the cylinder at the right.

X

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

$$\approx (3.14)(3^2)(8)$$

$$\approx 226 \text{ in.}^3$$

3 in.
8 in.

COMPARING VOLUMES Tell which cylinder has the greater volume.

10. Cylinder C: $r = 3$ yd, $h = 9$ yd;
Cylinder D: $r = 6$ yd, $h = 4.5$ yd

