

NAME _____

DATE _____

PERIOD _____

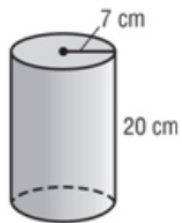
PEMDAS

Lesson 1 Skills Practice

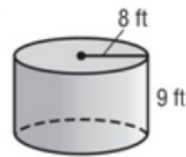
Volume of Cylinders

Find the volume of each cylinder. Round to the nearest tenth.

1.



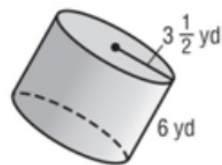
2.



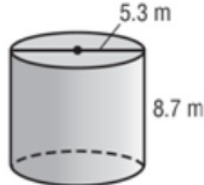
3.



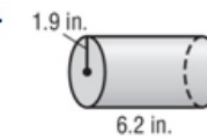
4.



5.



6.



$$V = \underbrace{\pi r^2}_B h$$

$$\pi = 3.14$$

$$r = 2.65$$

$$r = 4$$

$$V = (3.14)(2.65)^2(8.7) \approx 191.8$$

7. radius = 8.8 cm
height = 4.7 cm

8. radius = 4 ft
height = $2\frac{1}{2}$ ft