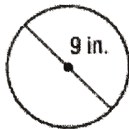


Name: _____

HW # 17

$$C = \pi d$$

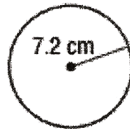
1.) Find the circumference of each circle. Round to the nearest tenth.



$$C = \pi d$$

$$C = \pi(9)$$

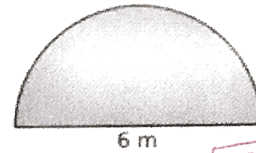
$$C = 28.3 \text{ in}$$



$$C = \pi d$$

$$C = \pi(14.4)$$

$$C = 45.2 \text{ cm}$$



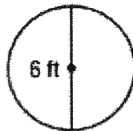
$$C = \pi d$$

$$C = \pi(6)$$

$$C = 18.8 \div 2$$

$$C = 9.4 \text{ m}$$

2.) Find the circumference of each circle. Keep your answer in terms of pi.



$$C = \pi d$$

$$C = \pi(6)$$

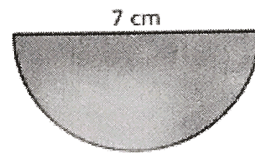
$$C = 6\pi \text{ ft}$$



$$C = \pi d$$

$$C = \pi(23.4)$$

$$C = 23.4\pi \text{ m}$$



$$C = \pi d$$

$$C = \pi(7)$$

$$C = 7\pi \div 2$$

$$C = 3.5\pi \text{ cm}$$

3.) Point State Park Fountain in Pittsburgh, Pennsylvania has a diameter of 150 ft. The State Park Assembly wants to put stone around the fountain at a cost of \$2.00 per foot. How much would it cost to put stone around the entire fountain?



$$C = \pi d$$

$$C = \pi(150)$$

$$C = 471.2 \text{ ft}$$

$$471.2 \times 2 = \$942.40$$

