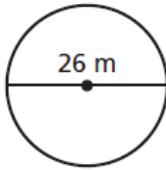


Name \_\_\_\_\_  
HW #8.2

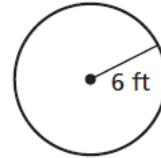
Date \_\_\_\_\_  
Period \_\_\_\_\_

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

1.

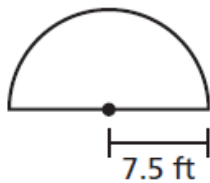


2.

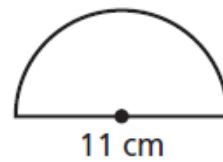


Find the perimeter of the semicircular region. Round to the nearest hundredth.

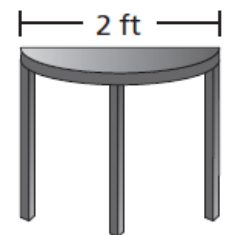
3.



4.



5. Find the perimeter of the semicircular tabletop shown. Round to the nearest hundredth.



6. A circular ink spot has a circumference of 25.12 millimeters. A minute later, it has a circumference of 75.63 millimeters.

a. Calculate the diameter of the original ink spot. Round to the nearest whole.

b. Calculate the diameter of the new ink spot. Round to the nearest whole.

c. About how many times greater is the diameter of the new ink spot? Round to the nearest whole.