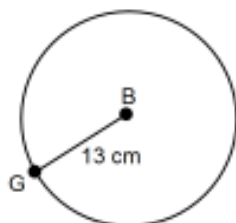# Geo Practice #19   Sec 10-7   Tuesday, April 21, 2020
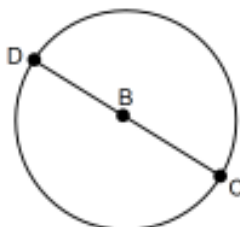
1. Find the area of each circle. Give the answer in the form stated for each problem. B is the center of all circles.

a) Leave answer in terms of π.
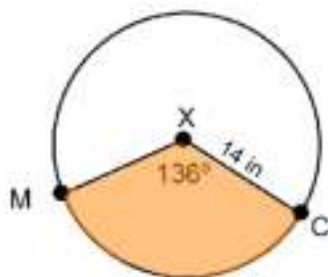
b) Give answer to the nearest hundredth.
$\overline{CD}$ is a diameter and $CD = 18$ in

2. The area of a circle is 325 ft². Find the radius to the nearest hundredth.
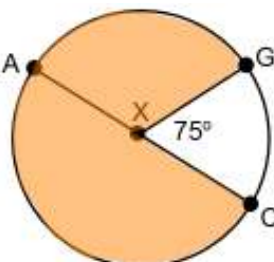
3. Find the area of the shaded sector to the nearest hundredth. The center of each circle is X. $\overline{AC}$ is a diameter.
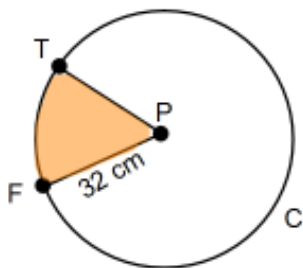
a)

b) $AC = 6$ ft

Area =   Area =

4. The area of the shaded sector in circle P is 600cm². Find the measure of the central angle to the nearest hundredth of a degree.

$m\angle FPT =$