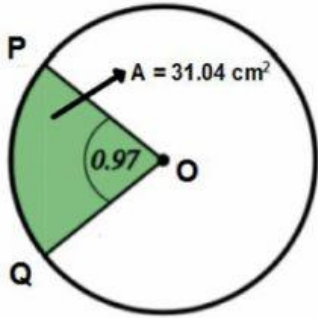


G11. Warming Up Activity 4

Multiple Choice

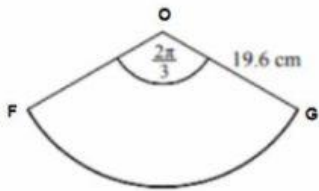
Identify the choice that best completes the statement or answers the question.

1. Given that the area of sector POQ is 31.04cm^2 and angle POQ is 0.97rad .
Find the length PO.



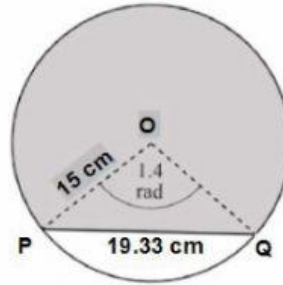
- a. 7 cm
- b. 8 cm
- c. 9 cm
- d. 10 cm

2. Find the area of sector FOG.



- a. $89\pi\text{ cm}^2$
- b. $128\pi\text{ cm}^2$
- c. $130\pi\text{ cm}^2$
- d. $196\pi\text{ cm}^2$

3. Find the perimeter of shaded region.



- a. 21 cm
- b. 40.33 cm
- c. 73.25 cm
- d. 113.58 cm

4. Convert $\frac{11\pi}{20}$ to degree

- a. 11°
- b. 99°
- c. 20°
- d. 220°

5. Convert 70° to radian, giving the answer in terms of π

- a. $\frac{7\pi}{10}$
- b. $\frac{10\pi}{7}$
- c. $\frac{18\pi}{7}$
- d. $\frac{7\pi}{18}$