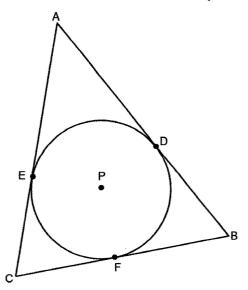
Bellwork Geo Monday, May 4, 2020

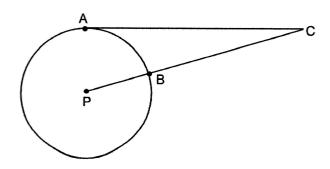
1. $\triangle ABC$ is tangent to $\bigcirc P$ at points E, F, and D.

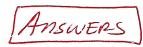
Given AB = 20 CE = 6 BF = 8 find the perimeter of $\triangle ABC$.



2. \overline{AC} is tangent to $\bigcirc P$ at pt A.

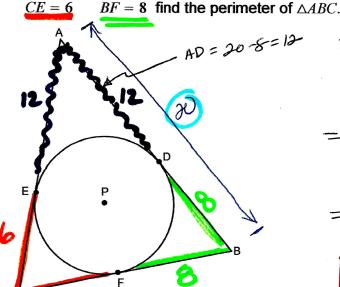
Given AC = 20 and CP = 23, find the radius of $\odot P$ to the nearest hundredth.





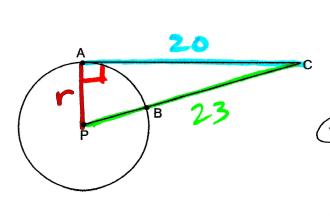
1. $\triangle ABC$ is tangent to $\bigcirc P$ at points E, F, and D.

Given AB = 20



2. \overline{AC} is tangent to $\bigcirc P$ at pt A.

Given AC = 20 and CP = 23, find the radius of $\odot P$ to the nearest hundredth.



(1) Draw radius PA which forms a right angle at point A.

2) Now use pythagorean theorems

$$23^2 = 1^2 + 20^2$$

$$r = 11.36$$