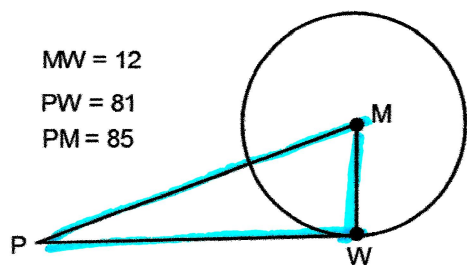
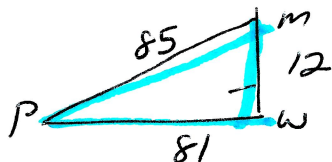


5. Is $\overline{WP}$ tangent to $\odot M$? Explain



Is $\Delta \omega_{PM}$ a right Δ ?



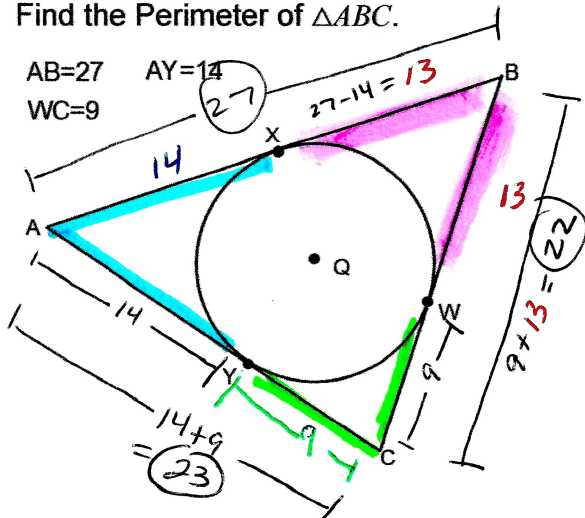
$$\begin{array}{r} 85^2 \stackrel{?}{=} 12^2 + 81^2 \\ 7225 \stackrel{?}{=} 144 + 6561 \end{array}$$

$$7225 \neq 6705$$

Therefore, ΔPMW is not a rt Δ and L_{PQMN} is not a right L . THIS MEANS $\overline{PW}$ is NOT Tangent to the circle

Q. 8. Find the value of x if $ABCD$

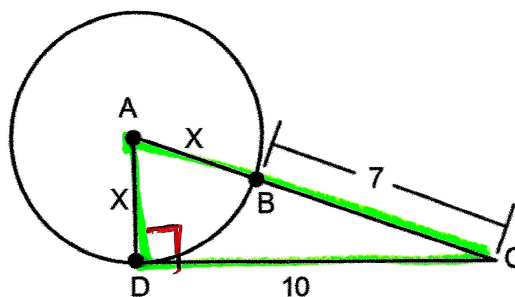
7. $\triangle ABC$ is circumscribed about $\odot Q$.
Find the Perimeter of $\triangle ABC$.



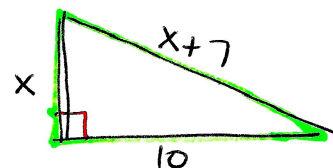
$$\text{Perimeter} = 27 + 22 + 23$$

$p = 72$

6. Find the value of x to the nearest hundredth.



$$X = 3.64$$

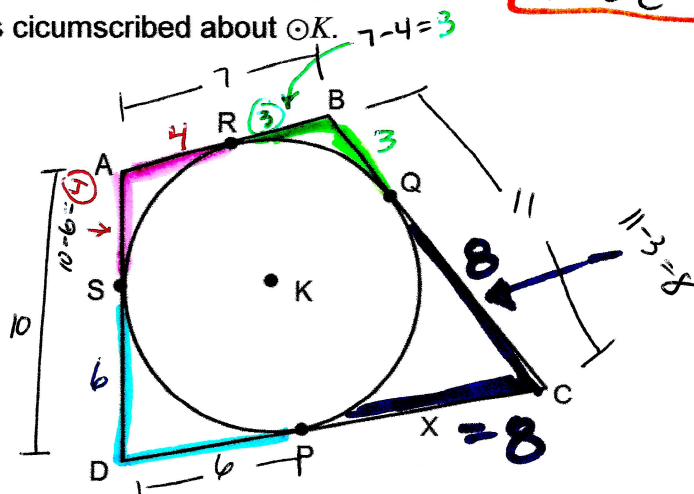


$$(x+7)^2 = x^2 + 10x + 49$$

$$14x = 51$$

$$x = 51/14$$

8. Find the value of x if $ABCD$ is circumscribed about $\odot K$.

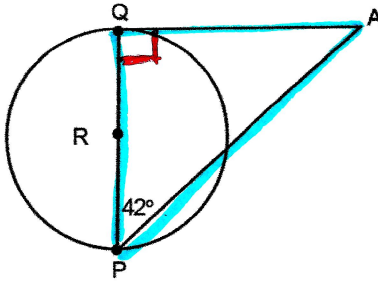


$$X = 8$$

Assume that lines that appear to be tangent to a circle are tangent.

1. $\overline{PQ}$ is a diameter of $\odot R$.

Find the measure of $\angle QAP$.



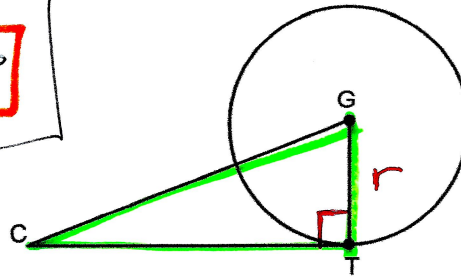
$$m\angle QAP = 48^\circ$$

$$m\angle QAP = 180^\circ - 90^\circ - 42^\circ$$

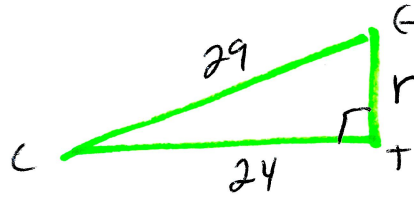
$$m\angle QAP = 48^\circ$$

2. If $TC = 24$ and $GC = 29$, find the

radius of $\odot G$ to the nearest hundredth.



radius =

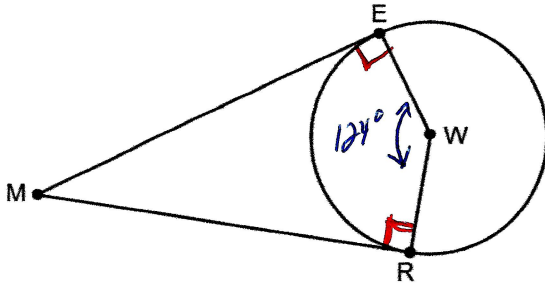


$$29^2 = r^2 + 24^2$$

$$\sqrt{r^2} = \sqrt{29^2 - 24^2}$$

$$r = 16.28$$

3. If $m\angle EWR = 124^\circ$ find the $m\angle EMR$.



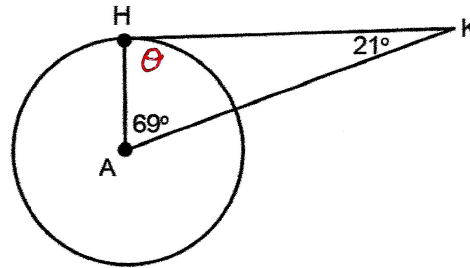
radius $\Rightarrow$

$$m\angle EMR = 56^\circ$$

$$\angle EMR = 360^\circ - 90^\circ - 90^\circ - 124^\circ$$

$$\angle EMR = 56^\circ$$

4. Is $\overline{HK}$ tangent to $\odot A$? Explain.



$$\theta = 180^\circ - 69^\circ - 21^\circ$$

$$\theta = 90^\circ$$

Therefore $\overline{HK}$ is $\perp$ to $\overline{AH}$
and this means

$\overline{HK}$ must be
tangent to the
circle