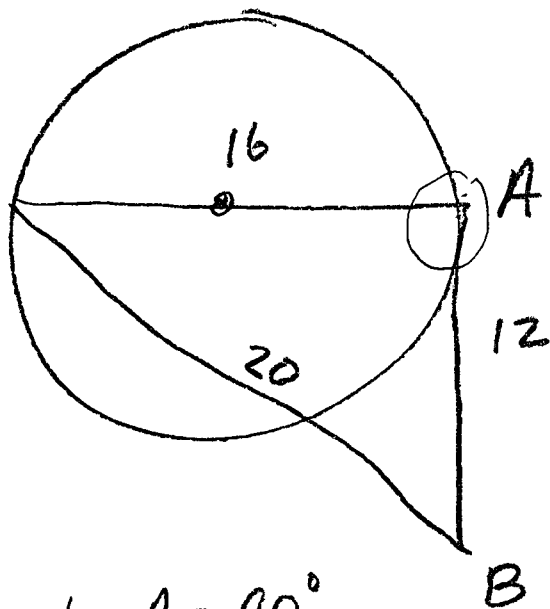


31 Is  $\overline{AB}$  a tangent?



If tangent,  $\angle A = 90^\circ$

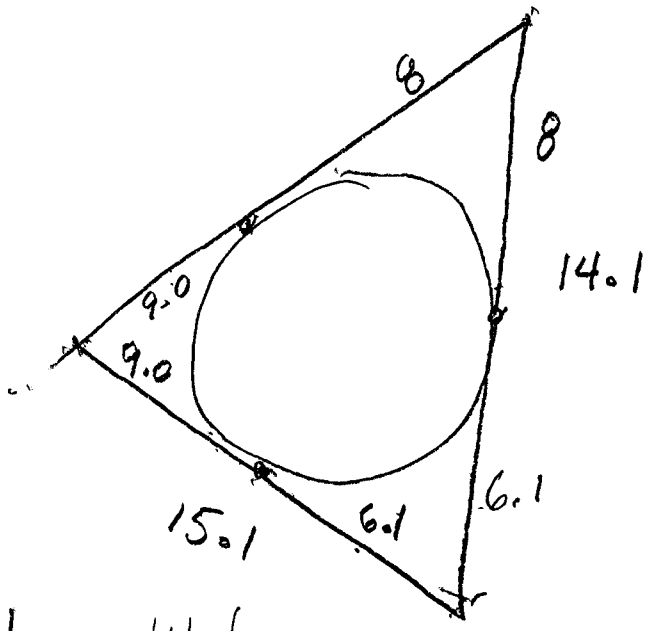
$$20^2 \stackrel{?}{=} 16^2 + 12^2$$

$$400 \stackrel{?}{=} 256 + 144$$

$$400 \stackrel{?}{=} 400 \checkmark$$

$\overline{AB}$  is  
Yes, tangent

35



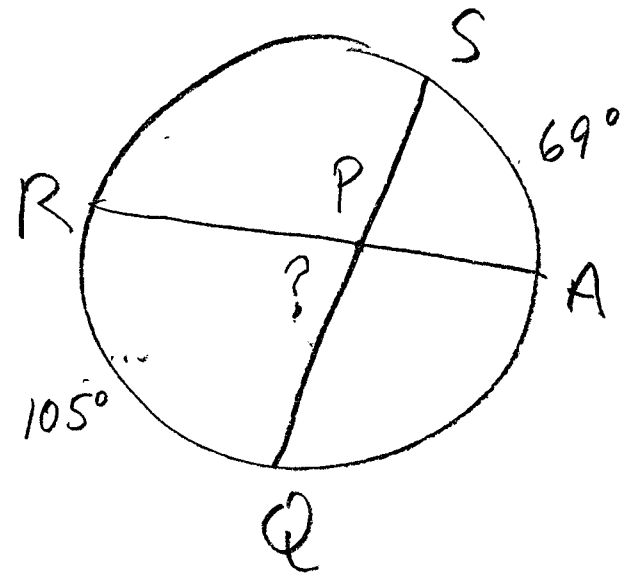
$$\begin{array}{r} 15.1 \\ - 6.1 \\ \hline 9.0 \end{array}$$

$$\begin{array}{r} 14.1 \\ - 6.1 \\ \hline 8.0 \end{array}$$

$$p = \begin{array}{l} 14.1 \\ 17.0 \\ 15.1 \end{array}$$

$46.2$

45

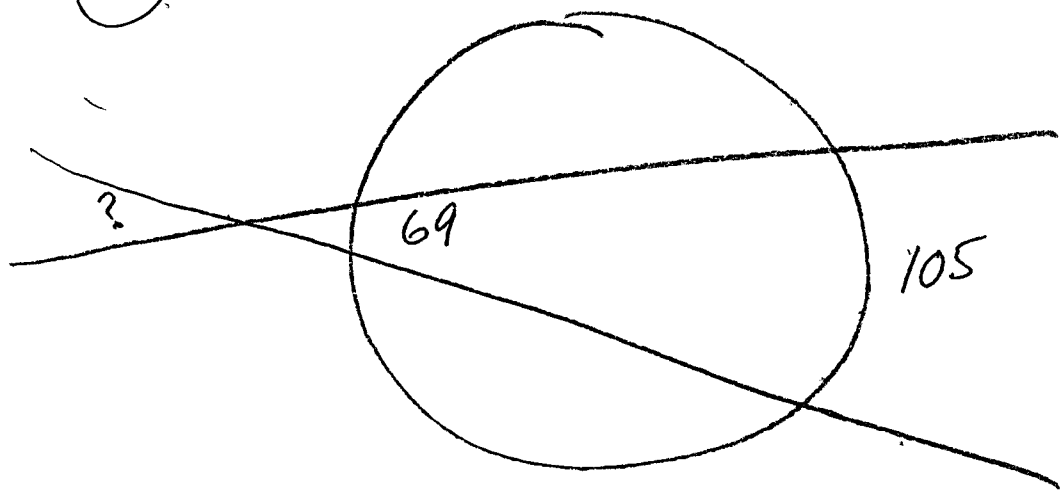


$$\frac{105 + 69}{2} = X$$

$$\frac{174}{2} = \frac{2X}{2}$$

$$87 = X$$

43



$$\frac{105 - 69}{2} = X$$

$$\frac{36}{2} = \frac{2X}{2}$$

$$18 = X$$