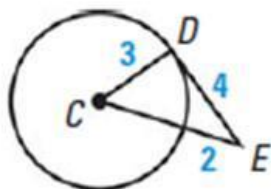
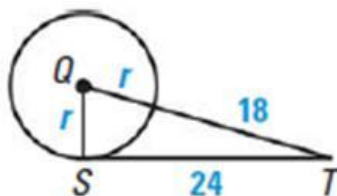


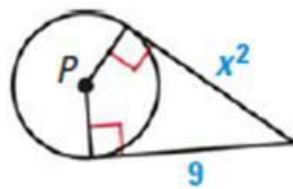
Is $\overline{DE}$ tangent to $\odot C$?



$\overline{ST}$ is tangent to $\odot Q$.
Find the value of r .

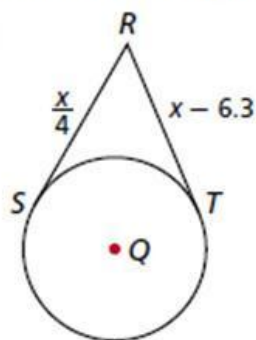


Find the value(s)
of x .

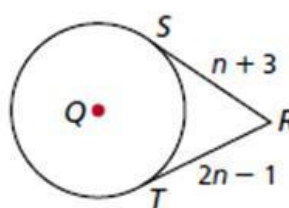


$\overline{RS}$ and $\overline{RT}$ are tangent to $\odot Q$. Find RS .

4a.

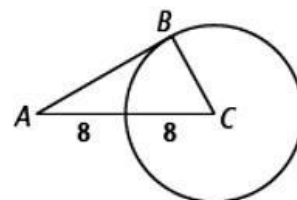


4b.



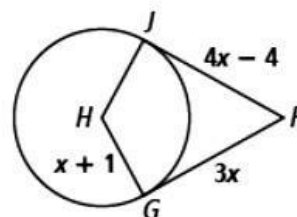
In Exercises 1 and 2, segment $\overline{AB}$ is tangent to $\odot C$. Find each value.

1. AB _____ or _____
2. $m\angle ABC$



In Exercises 3–5, find each value.

3. $\overline{JF}$ and $\overline{GF}$ are tangent to $\odot H$. What is HJ ?



4. $\overline{KL}$, $\overline{LM}$, $\overline{MN}$, and $\overline{KN}$ are tangent to the circle.
What is the perimeter of $KLMN$?

