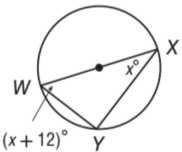


ALGEBRA Find each measure.

1. x 39

2. $m\angle W$ 51

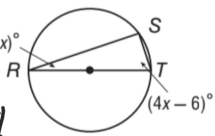
$2x + 12 = 90$



3. x 16

4. $m\angle T$ 58

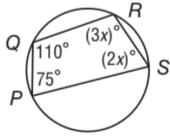
$6x - 6 = 90$
 $6x = 96$
 $x = 16$



5. $m\angle R$ 105

6. $m\angle S$ 70

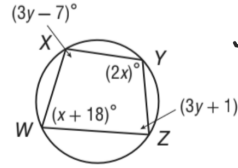
$3x + 75 = 180$
 $x = 35$
 $2x + 110 = 180$



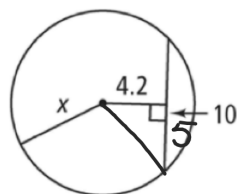
7. $m\angle W$ 72

8. $m\angle X$ 86

$3y - 7 + 3y + 1 = 180$
 $6y - 6 = 180$
 $y = 31$

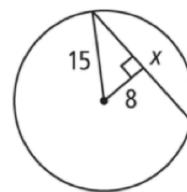


9.



6.53

10.



$$\begin{array}{r} 25.38 \\ \hline \sqrt{15^2 - 8^2} \times 2 \end{array}$$