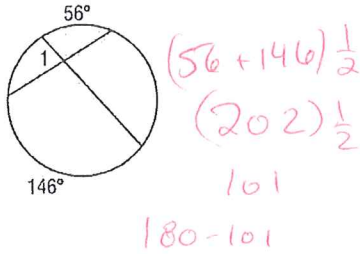


10-6 Practice

Secants, Tangents, and Angle Measures

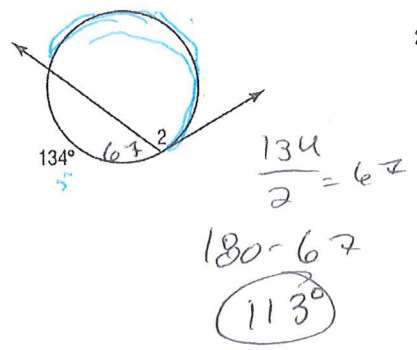
Find each measure.

1. $m\angle 1$

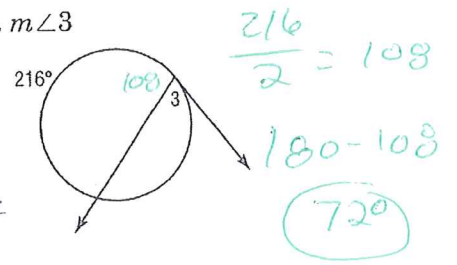


$m\angle 1 = 79^\circ$

2. $m\angle 2$

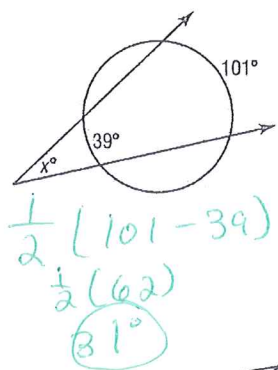


3. $m\angle 3$

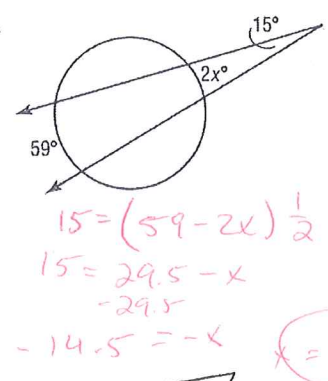


Find x . Assume that any segment that appears to be tangent is tangent.

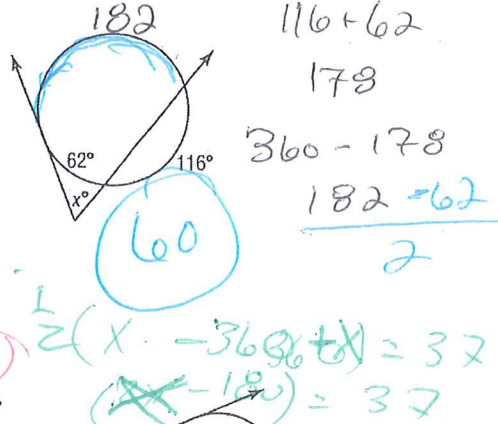
7.



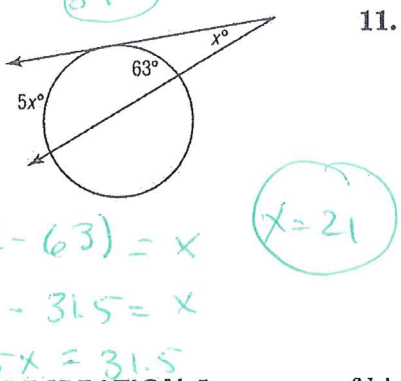
8.



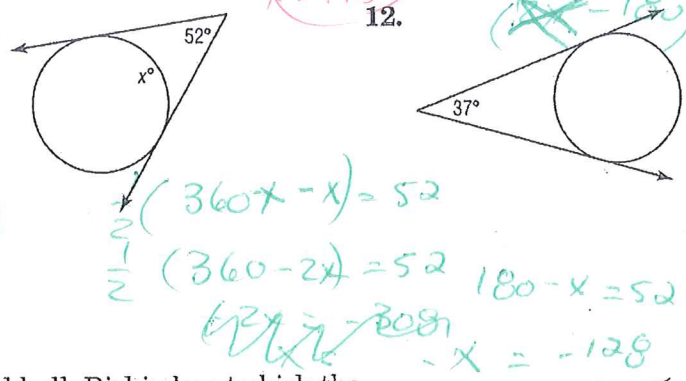
9.



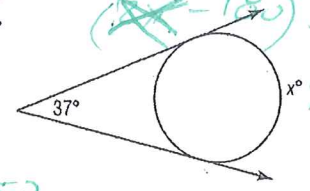
10.



11.



12.



9. RECREATION In a game of kickball, Rickie has to kick the ball through a semicircular goal to score. If $m\widehat{XZ} = 58$ and the $m\widehat{XY} = 122$, at what angle must Rickie kick the ball to score? Explain.

$m\angle B < 32^\circ$

