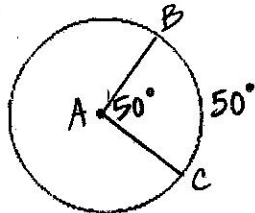
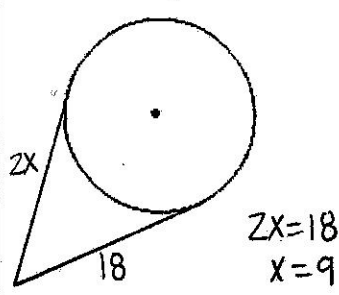
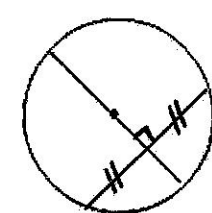
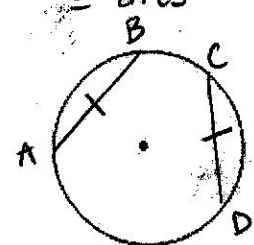
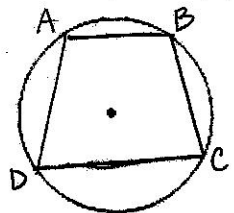
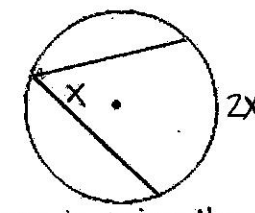
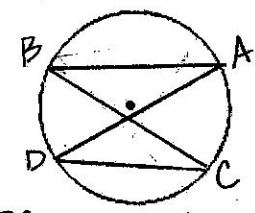
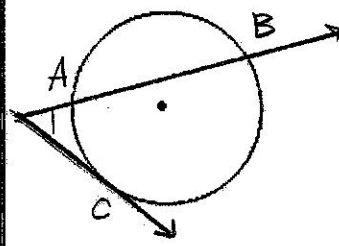
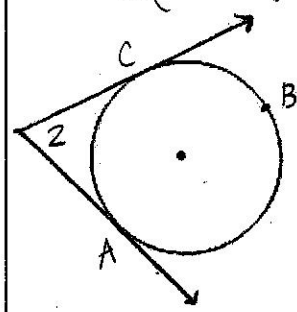
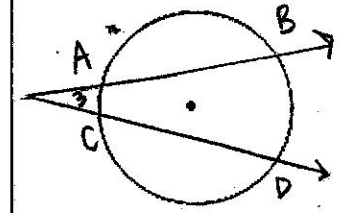
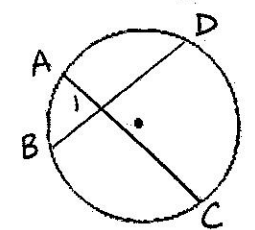
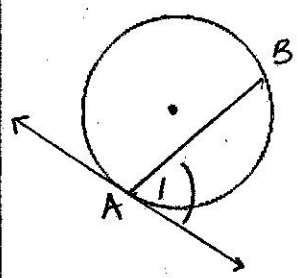
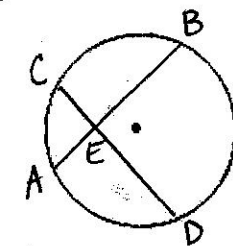
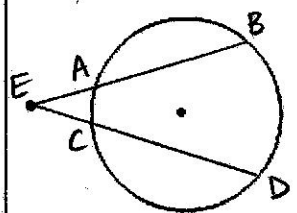
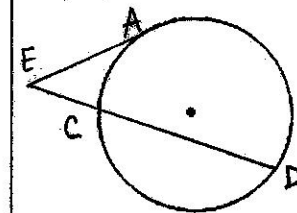


Unit 3 Summary

<p>Central Angle</p>  <p style="text-align: center;">$m\angle A = \widehat{BC}$</p>	<p>Tangent Segments are equal</p>  <p style="text-align: right;">$2x = 18$ $x = 9$</p>	<p>Diameter Bisects a chord if they're \perp</p> 	<p>\cong Chords make \cong arcs</p>  <p style="text-align: center;">$\overline{AB} \cong \overline{CD} \iff \widehat{AB} \cong \widehat{CD}$</p>	<p>Inscribed Quadrilateral opp. \angles are supp.</p>  <p style="text-align: center;">$m\angle A + m\angle C = 180^\circ$ $m\angle B + m\angle D = 180^\circ$</p>
<p>Inscribed Angle</p>  <p style="text-align: center;">The arc is twice the \angle. The \angle is half the arc.</p>	<p>Inscribed \angles that share the same arc are \cong</p>  <p style="text-align: center;">$\angle B \cong \angle D$ b/c they share \widehat{AC}</p>	<p>$m\angle 1 = \frac{1}{2}(\widehat{BC} - \widehat{AC})$</p> 	<p>$m\angle 2 = \frac{1}{2}(\widehat{ABC} - \widehat{AC})$</p> 	<p>$m\angle 3 = \frac{1}{2}(\widehat{BD} - \widehat{AC})$</p> 
<p>Intersecting Chords form angles</p>  <p style="text-align: center;">$m\angle 1 = \frac{1}{2}(\widehat{AB} + \widehat{CD})$</p>	<p>Tangent & Chord</p>  <p style="text-align: center;">$m\angle 1 = \frac{1}{2} \widehat{AB}$</p>	<p>Segments Inside</p> <p>$AE \cdot EB = CE \cdot ED$</p> 	<p>Segment Outside</p> <p>$EA \cdot EB = EC \cdot ED$</p>  <p style="text-align: center;">part (whole)</p>	<p>\rightarrow cont.</p> <p>$EC \cdot ED = EA^2$</p>  <p style="text-align: center;">part (whole)</p>

← For these
 $m\angle = \frac{1}{2}(\text{big} - \text{small})$

$S = 4\pi r^2$ $V = \frac{4}{3}\pi r^3$ $C = 2\pi r$ $A = \pi r^2$