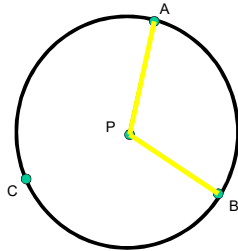


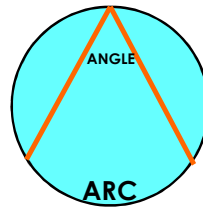
Case I: Vertex is **AT** the center



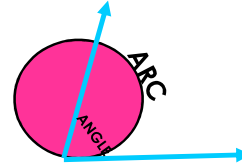
ANGLE = ARC

1

Case II: Vertex is **ON** circle

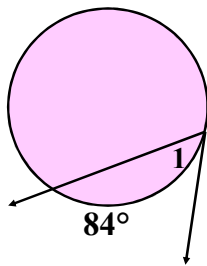


ANGLE = $\frac{ARC}{2}$



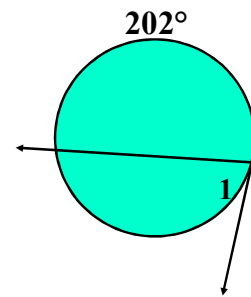
2

Ex. 1 Find $m\angle 1$.



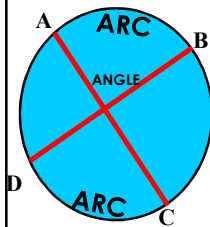
3

Ex. 2 Find $m\angle 1$.



4

Case III: Vertex is **INSIDE** circle

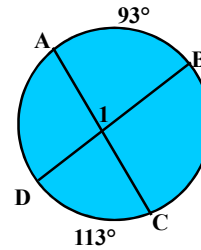


_____ = $\frac{\text{_____}}{2}$

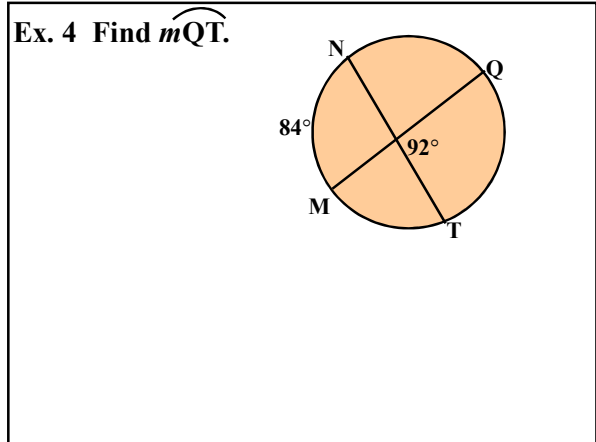
Looks like a PLUS sign!

5

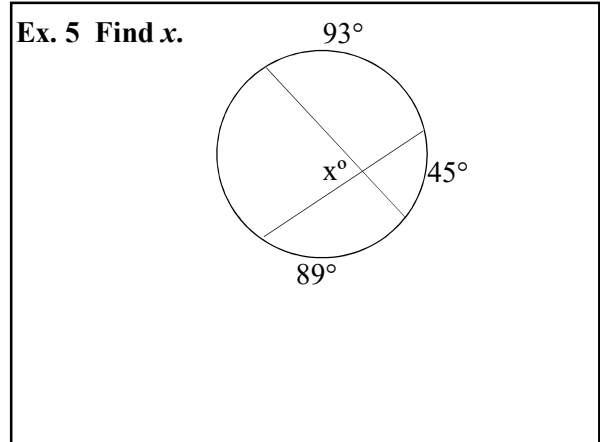
Ex. 3 Find $m\angle 1$.



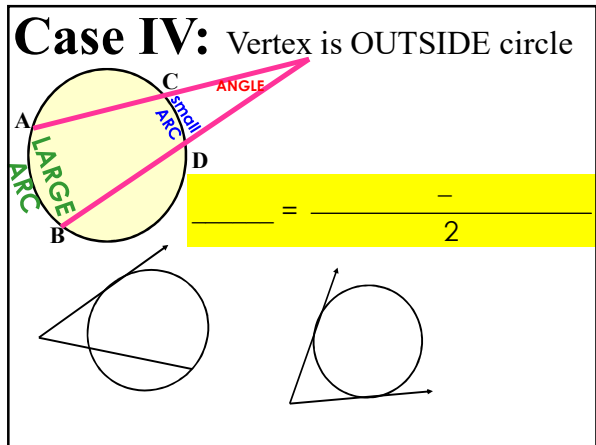
6



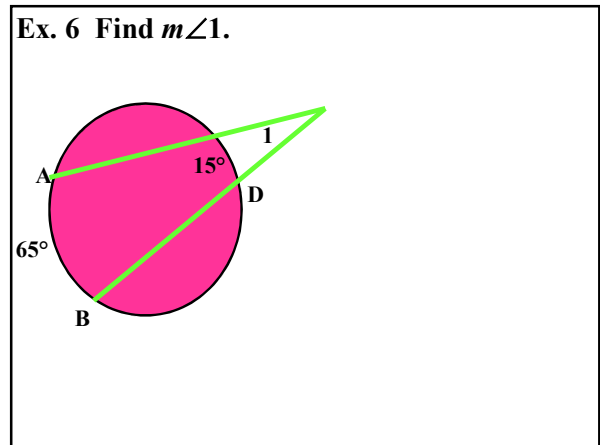
7



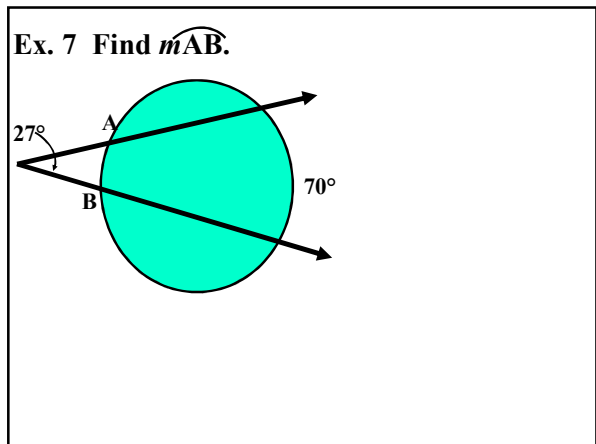
8



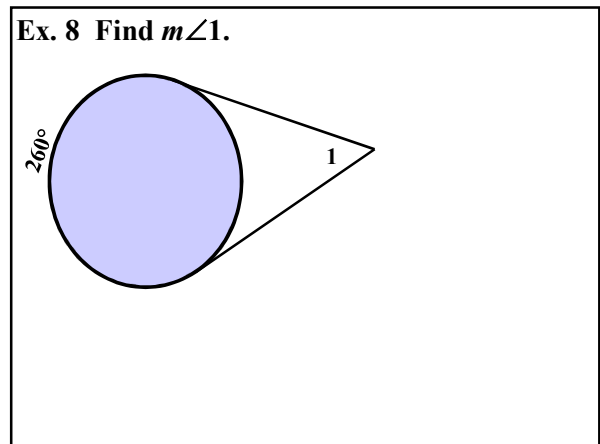
9



10



11



12