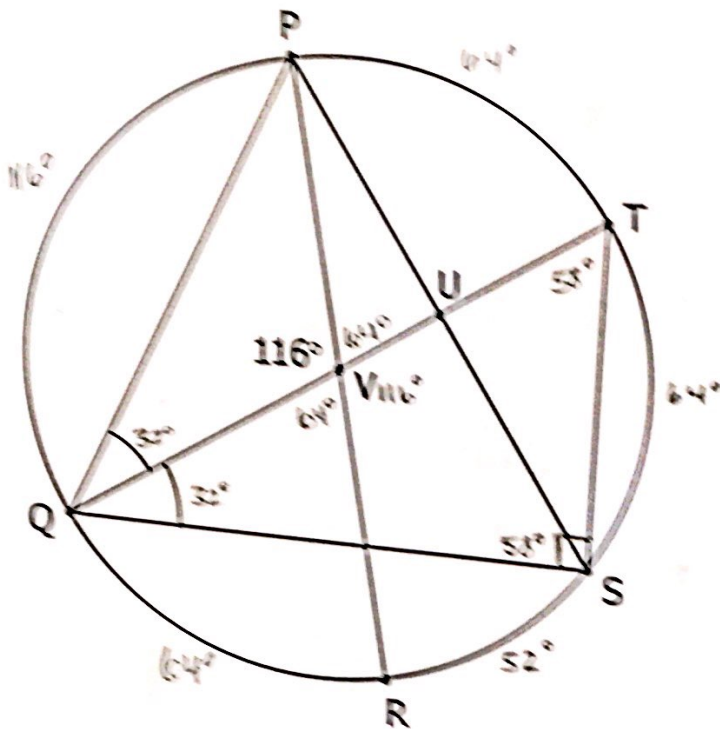


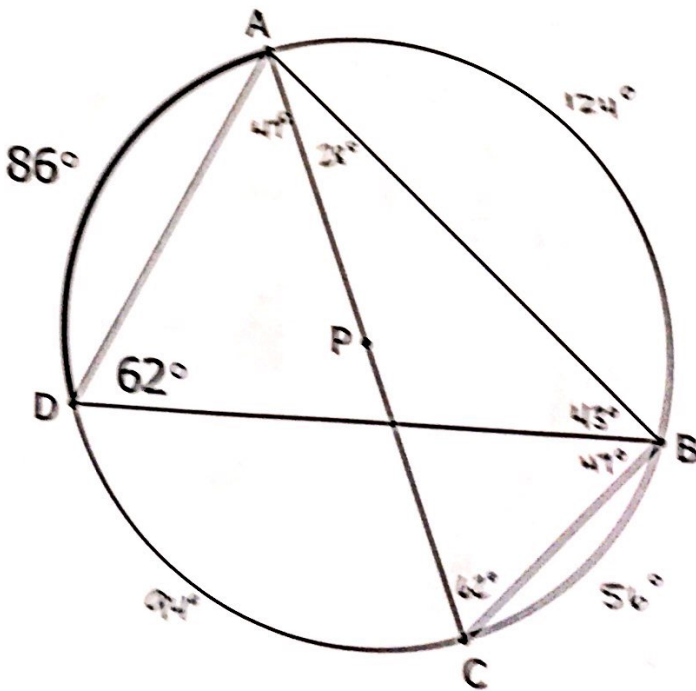
ArCS and Angles Circle PUZZLES

Name Key
Period _____ Date _____



1. Given: $m\angle PVQ = 116^\circ$.
 \overline{PR} is a diameter of $\odot V$.

- a. $m\widehat{PT}$ 64°
- b. $m\widehat{TSQ}$ 180°
- c. $m\angle TSQ$ 90°
- d. $m\widehat{QS}$ 116°
- e. $m\angle QTS$ 53°
- f. $m\angle PSQ$ 53°
- g. $m\widehat{QR}$ 64°
- h. $m\widehat{QPS}$ 244°
- i. $m\widehat{QTS}$ 244°



2. Given: \overline{AC} is a diameter of $\odot P$.
 $m\angle ADB = 62^\circ$. $m\widehat{AD} = 86^\circ$.

- a. $m\widehat{AB}$ 124°
- b. $m\widehat{BC}$ 56°
- c. $m\widehat{ACB}$ 236°
- d. $m\widehat{DAB}$ 210°
- e. $m\angle CAB$ 28°
- f. $m\angle CBA$ 56°
- g. $m\angle ABD$ 43°
- h. $m\angle DBC$ 47°
- i. $m\angle DAC$ 47°

