

Example 1: Find each measure.

a. $\mathrm{m} \angle \mathrm{PRU}$
b. measure of arc SP

Inscribed angles that intercept the same arc are $\qquad$ .

$\angle A C B, \angle A D B$, and
$\angle A E B$ intercept $\overparen{A B}$.

(and $\angle C A E \cong \angle C B E$ )

Example 2: Find each value.

b. Find a.


Theorem: If a

$A B C D$ is inscribed in $\odot E$.

Example 3: Find the angle measures of $\angle \mathrm{A}$ and $\angle \mathrm{B}$.


