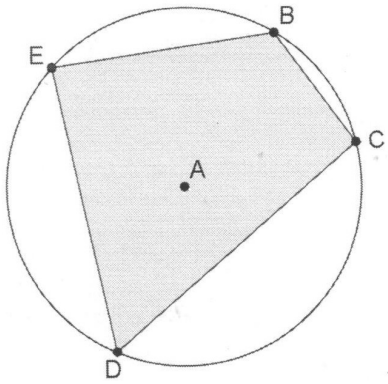
Quadrilateral $BCDE$ is inscribed in circle A. Prove that $\angle EDC$ and $\angle CBE$ are supplementary.

Quadrilateral BCDE is inscribed in circle A	Given
$\angle D$ is supp to $\angle B$	opposite angles are supp.
$m\angle D = \frac{1}{2} m\overset{\frown}{EC}$	$\angle EDC$ + $\angle CBE$ are supp.



Can the quadrilateral at right be inscribed in a circle? Explain why or why not.

No, the opposite angles are not supplementary