

Name _____

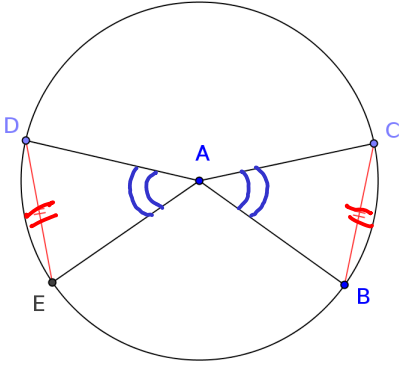
Date _____ Period _____

Geometry 1/2, Mr. Ferraro/Mr. Wong

Circle Chord Conjectures

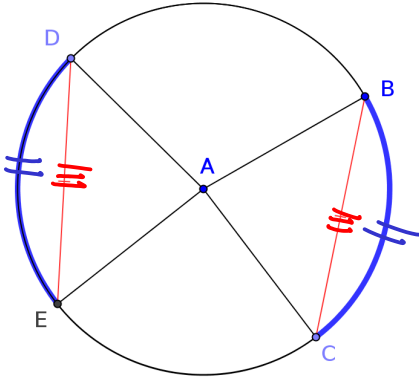
In the space provided, supply the statement for each conjecture and mark figures as necessary.

1. Chord Central \angle s Conjecture:



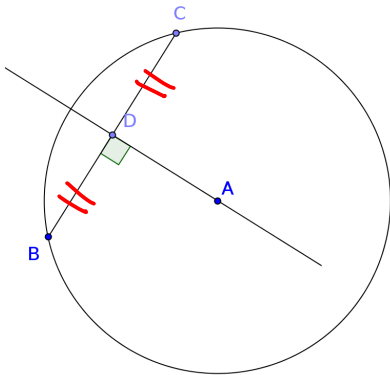
Central \angle 's cutting
 \cong chords are \cong .

2. Chord Arcs Conjecture:



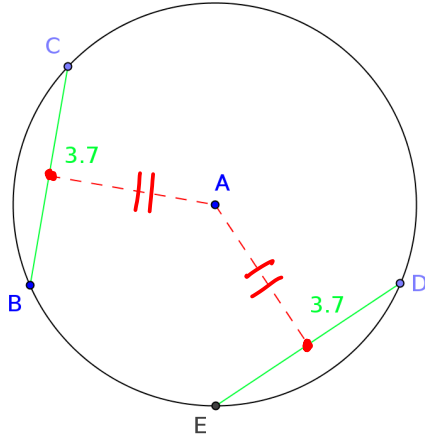
\cong chords cut \cong arcs.

3. Perpendicular to a Chord Conjecture:



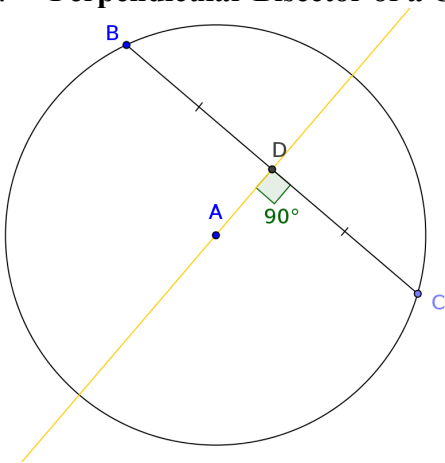
The \perp from the center
of a \odot to a chord bisects
the chord.

4. Chord Distance to Center Conjecture:



2 \cong chords in a \odot are equidistant from the center of the \odot .

5. Perpendicular Bisector of a Chord Conjecture:



The \perp bisector of a chord passes through the center of the \odot .

