

Some (common sense) theorems to consider:

- Theorem 79: If two central angles of a circle (or of congruent circles) are congruent, then their intercepted arcs are congruent.
- Theorem 80: If two arcs of a circle (or of congruent circles) are congruent, then their corresponding central angles are congruent.
- Theorem 81: If two central angles of a circle (or of congruent circles) are congruent, then the corresponding chords are congruent.
- Theorem 82: If two chords of a circle (or of congruent circles) are congruent, then the corresponding central angles are congruent.
- Theorem 83: If two arcs of a circle (or of congruent circles) are congruent, then the corresponding chords are congruent.
- Theorem 84: If two chords of a circle (or of congruent circles) are congruent, then the corresponding arcs are congruent.
- IV. Match each item in the left column with the correct term in the right column.
- Q Q
- 29.) What **fractional part** of a circle is an arc that measures









Congruent chords \Leftrightarrow Congruent arcs \Leftrightarrow Congruent central angles