## NOTES 10.4 – INSCRIBED ANGLES INSCRIBED ANGLE: EXAMPLE 1: Name ALL of the inscribed angles and their corresponding intercepted arcs below. Inscribed angles/Intercepted Arc:

THEOREM: If an angle is inscribed in a circle, then the measure of the angle is *half* the measure of the *intercepted arc*.



THEOREM: If two inscribed angles of a circle or congruent circles intercept congruent arcs or the same arc, then the angles are congruent.





Notes 10.4 – Inscribed Angles (Continued)

THEOREM: If a quadrilateral is inscribed in a circle, then its opposite angles are supplementary.

