**Circle Geometry (textbook Chpt. 8)**

**Utilize geometric relations to calculate angle sizes and side lengths.**

 **- 180º rule - pythagoras’ theorem - straight angle**

 **- complementary angles - supplementary angles**

**Sketch/Explain OR diagrams that …**

**Determine angle sizes or lengths in**

** Have a chord that is bisected by a segment that passes through**

 **the center of a circle.**

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** Have a tangent line that perpendicularly intersects the point of**

 **tangency with a segment that passes through the center.**

 **Have two or more inscribed angles that are subtended by the**

 **same arc**

 **OR**

** Have an inscribed angle and central angle that are subtended by**

 **the same arc.**

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** Have an inscribed angle that is subtended by a semi-circle.**

**Additional Review/Practice can be found in the textbook on the following pages…**

 **Study Guide – pg. 307**

 **Extra Practice - pg. 417; pg. 418-419**