Name: _____

Period: _____

*Turn this in on the day of the test.*
*This is an assignment grade.*

| **Lesson 11.1: Big Ideas** | **Your Notes** |
|---|---|
| <ul><li>What is a circle?</li><li>Line segments related to a circle: chord, diameter, secant, & tangent</li><li>Points related to a circle: center & point of tangency</li><li>Angles related to a circle: central angle & inscribed angle</li><li>Arcs related to a circle: major arc, minor arc, & semicircle</li></ul> *See page 900 of the Chapter 11 Summary.* | |
| **Lesson 11.2: Big Ideas** | **Your Notes** |
| <ul><li>Measure of minor arcs & central angles</li><li>Measure of inscribed angles & intercepted arcs</li><li>Inscribed Angle Theorem</li></ul> *See pages 901 & 902 of the Chapter 11 Summary.* | |
| **Lesson 11.3: Big Ideas** | **Your Notes** |
| <ul><li>Interior Angles of a Circle Theorem</li><li>Exterior Angles of a Circle Theorem</li><li>Tangent to a Circle Theorem</li></ul> *See pages 903 & 904 of the Chapter 11 Summary.* | |

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|---|---|
| **Lesson 11.4: Big Ideas**<br><br>• Diameter-Chord Theorem<br>• Equidistant Chord Theorem<br>• Congruent Chord-Congruent Arc Theorem<br>• Segment-Chord Theorem<br><br>*See pages 904 & 905 of the Chapter 11 Summary.* | **Your Notes** |
| **Lesson 11.5: Big Ideas**<br><br>• Tangent Segment Theorem<br>• Secant Segment Theorem<br>• Secant Tangent Theorem<br><br>*See pages 906 & 907 of the Chapter 11 Summary.* | **Your Notes** |
| **Lesson 12.1: Big Ideas**<br><br>• Inscribed Right Triangle-Diameter Theorem<br>• Inscribed Quadrilateral-Opposite Angles Theorem<br>• Perimeter of circumscribed polygons<br><br>*See pages 959 & 960 of the Chapter 12 Summary.* | **Your Notes** |
| **Lesson 12.2: Big Ideas**<br><br>• Arc length<br>• Radian measure<br><br>*See page 960 of the Chapter 12 Summary.* | **Your Notes** |
| **Lesson 12.3: Big Ideas**<br><br>• Area of sectors of a circle<br>• Area of segments of a circle<br><br>*See page 961 of the Chapter 12 Summary.* | **Your Notes** |
| **The Equation of a Circle**<br><br>• Standard form of the equation of a circle | **Your Notes** |