

Geometry Goal 3 –To Identify Line and Angle Relationships

Learning Outcomes	Differentiated Instructional Activities	Text Book References*	Chapter Resource Book References	Assessment#
<p>2.1 Line Segment Bisectors – Bisect a segment.</p> <p>Find the coordinate of the midpoint of the segment.</p> <p>Review Two-step equations. Chapter Reference 2.1</p>	<p>Measure line segments to find length and midpoint. Use arithmetic and algebraic strategies to determine midpoints and length of line segments. Draw segments on coordinate system and find midpoint by inspection. Practice finding the mean of two real numbers, stressing the concept that mean refers to balance point i.e. midpoint. Use midpoint formula to find midpoint of a segment.</p>	<p>Pg. 54 – 55 ex: 1 – 5</p> <p>Pg. 56 – 58 ex: 1 – 63</p> <p>Pg 49 ex: 13 - 20</p>	<p>Ch. 2 Review pg. 76 ex: 6 – 7</p> <p>Ch. 2 SAT/ACT Chapter Test Pg 71 ex: 1 – 2</p> <p>Alternative assessment and Math Journal Pg 72 ex: 1</p>	<p>HQ: pg. 8[^]</p>
<p>2.2 Angle Bisectors – Bisect an Angle</p> <p>Chapter Reference 2.2</p>	<p>Review use of a protractor. Work in pairs to determine angle bisector through paper folding activity. Use arithmetic and algebraic strategies to find measurements related to bisected angles.</p>	<p>Pg. 61 – 63 ex: 1 – 10</p> <p>Pg. 64 – 66 ex: 1 – 47</p>	<p>Ch. 2 Review pg. 76 ex: 8 – 18</p>	<p>WT pg. 8[^] WT pg. 9 WT pg. 13 WT pg. 20 HQ: pg. 9</p>
<p>2.3 Complementary and Supplementary Angles – Find the measures of complementary and supplementary angles</p> <p>Chapter Reference 2.3</p>	<p>Review adjacent angles, right angle and straight angle. Define terms complementary angles and supplementary angles. Identify complementary and supplementary angles from diagrams. Use arithmetic and algebraic strategies to find measurements related to complementary and supplementary angles.</p>	<p>Pg. 67 – 69 ex: 1 – 6</p> <p>Pg. 70 – 73 ex: 1 – 59</p> <p>Pg. 73 Quiz ex: 1 – 9</p>	<p>Ch 2. Quiz pg. 36</p> <p>Ch. 2 Review Pg. 77 ex: 19 – 20</p> <p>SAT/ACT Chapter Test Pg 71 ex: 4 - 5</p>	<p>WT pg. 10 WT pg. 14 HQ: pg. 10</p>

* The examples noted are for reference only. Teacher has the decision to assign number of examples to meet the needs of the different abilities of students in the class.

[^] These references can be found in the **Warm-up Transparencies (WT) and Daily Homework Quiz (HQ)** booklet.

End of Chapter Assessments as well as periodic quizzes are to be determined by the teacher.