NAME_____

Module 8 **Points, Lines, Angles, and Triangles**
Lesson 2 **Angle Classifications and Line Relationships**

Lesson Notes 8.2

Lesson Objectives

- Identify parallel, perpendicular, and intersecting lines.
- Identify, draw, and measure congruent, adjacent, obtuse, acute, right, and straight angles.
- Use benchmark angles to estimate the measure of angles (e.g. 45 degrees, 90 degrees, 120 degrees, and 180 degrees).

Subtopic 1 Angle Classification

Every angle has a unique measure greater than _____ but less than or equal to_____.

A 90° angle is a _____ angle.

A straight angle has a measure of _____.

An angle with a measure greater than 0° but less than 90° is an _____ angle.

An angle with a measure greater than 90° but less than 180° is an _____ angle.

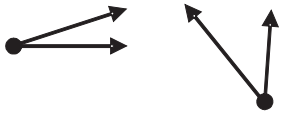
Two angles are _____ if they have the same _____.

Classify the angle and estimate the angle's measure.

1

2

3 Determine whether the angles are congruent.



Subtopic 2 Line Relationships

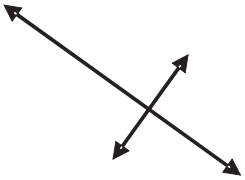
Two geometric figures _____ if they have points in common.

Two lines are _____ if they form a right angle.

Two lines are _____ if they lie in the same plane and do not intersect.

Describe these lines.

4



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