

Geometry

Unit 1 Lesson 3

Name:

Date:

Period: 1 2 3 4 5 6

Standards: 16.0

Holt: 1.3

Objective:

Warm Up

Angle

Interior of an angle

Exterior of an angle

Example 1

Check it out! Example 1

Measure [m]

Postulate	Diagram
1-3-1 Given AB and a point O on AB, all rays that can be drawn from O can be put into a one-to-one correspondence with the real numbers from 0 to 180	

Types of Angles

Measures greater than 0° and less than 90°	Measures 90°	Measures greater than 90° and less than 180°	Formed by two opposite rays and measures 180°
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Example 2A

Check it out! Example 2

Example 2B

**Congruent
angles**

Q: What shows \cong angles ?

Postulate	Diagram
1-3-2	

Example 3

Check it out! Example 3

Angle bisector

Example 4

Check it out! Example 4a

Check it out! Example 4b