

CHAPTER 5:
PROPERTIES OF
TRIANGLES
 Cornell Notes/Summary Sheet

Name: _____
 Period: _____

Lesson 5.1 – Big Ideas

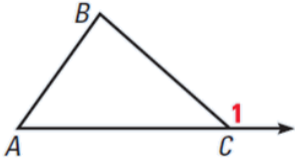
- Create triangles on the coordinate plane – find the third vertex
- Classify triangles graphed on the coordinate plane based on their side lengths – scalene, isosceles, or equilateral
- Determine whether a triangle, graphed on the coordinate plane, is a right triangle

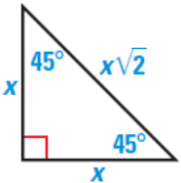
Your Notes

Lesson 5.2 – Big Ideas

- Triangle Sum Theorem
- The relationship between interior angle measures and side lengths
- Remote interior angles of a triangle
- Exterior Angle Theorem
- Exterior Angle Inequality

Your Notes



<p><u>Lesson 5.3 – Big Ideas</u></p> <ul style="list-style-type: none"> • Triangle Inequality Theorem 	<p><u>Your Notes</u></p>
<p><u>Lesson 5.4 – Big Ideas</u></p> <ul style="list-style-type: none"> • 45° - 45° - 90° Triangle Theorem • Area of 45° - 45° - 90° triangles 	<p><u>Your Notes</u></p> 
<p><u>Lesson 5.5 – Big Ideas</u></p> <ul style="list-style-type: none"> • 30° - 60° - 90° Triangle Theorem • Area of 30° - 60° - 90° triangles 	<p><u>Your Notes</u></p> 