Allergue Experie County of the
Angle-Side Angle Leg g 8 Protractic Run Supplementary g Reflexive g Rarelbed Circle g Rado

Chapter 7:

## Right Triangles & Trigonometry

Cornell Notes/Summary Sheet

Name:
Period:
Turn this in on the day of the test. This is an assignment grade.

Run Supplementary	Comen Notes, summary sheet
<u> Lesson C7.APK – Big Ideas</u>	<u>Your Notes</u>
<ul> <li>Simplifying radicals</li> </ul>	
Also include similar right triangles.	
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Pro-c	
a h	
b '	
<u>Lesson 7.1 – Big Ideas</u>	Your Notes
• The Pythagorean Theorem	
Lesson 7.2 - Big Ideas	Your Notes
• 45°-45°-90° triangles	
• 30°-60°-90° triangles	
<u>Lesson 7.3 &amp; 7.4 – Big Ideas</u>	Your Notes
• The Tangent Ratio	
• Inverse Tangent	
• The Sine Ratio	
• The Cosine Ratio	
• Inverse Sine	
Inverse Cosine	
• SOH-CAH-TOA	

Lesson 7.5 - Big Ideas	Your Notes
	Tour Notes
The Cotangent Ratio	
The Cosecant Ratio	
The Secant Ratio	
Complement angle	
relationships in right triangles	
Lesson 7.6 & 7.7 - Big Ideas	Your Notes
Solving right triangles	
Angle of elevation	
Angle of depression	
<ul> <li>Applications with right triangles</li> </ul>	
triangles	
<u>Lesson 7.8 – Big Ideas</u>	Your Notes
The Law of Sines	
Area of a triangle	
7.0 Pint	W N. d
<u>Lesson 7.9 – Big Ideas</u>	<u>Your Notes</u>
The Law of Cosines	
Lesson 7.10 - Big Ideas	Your Notes
	TOUT NOTES
Applications with oblique     triangles	
<ul><li>triangles</li><li>When to use the Law of Sines &amp;</li></ul>	
When to use the Law of Sines & when to use the Law of Cosines	
and the same of confidence	