

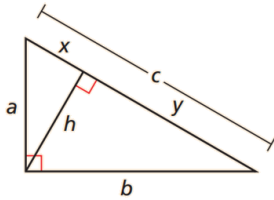
Chapter 7:
**Right Triangles &
 Trigonometry**
 Cornell Notes/Summary Sheet

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

Lesson C7.APK – Big Ideas

- Simplifying radicals

Also include similar right triangles.



Your Notes

Lesson 7.1 – Big Ideas

- The Pythagorean Theorem

Your Notes

Lesson 7.2 – Big Ideas

- 45°-45°-90° triangles
- 30°-60°-90° triangles

Your Notes

Lesson 7.3 & 7.4 – Big Ideas

- The Tangent Ratio
- Inverse Tangent
- The Sine Ratio
- The Cosine Ratio
- Inverse Sine
- Inverse Cosine
- SOH-CAH-TOA

Your Notes

<p><u>Lesson 7.5 – Big Ideas</u></p> <ul style="list-style-type: none"> • The Cotangent Ratio • The Cosecant Ratio • The Secant Ratio • Complement angle relationships in right triangles 	<p><u>Your Notes</u></p>
<p><u>Lesson 7.6 & 7.7 – Big Ideas</u></p> <ul style="list-style-type: none"> • Solving right triangles • Angle of elevation • Angle of depression • Applications with right triangles 	<p><u>Your Notes</u></p>
<p><u>Lesson 7.8 – Big Ideas</u></p> <ul style="list-style-type: none"> • The Law of Sines • Area of a triangle 	<p><u>Your Notes</u></p>
<p><u>Lesson 7.9 – Big Ideas</u></p> <ul style="list-style-type: none"> • The Law of Cosines 	<p><u>Your Notes</u></p>
<p><u>Lesson 7.10 – Big Ideas</u></p> <ul style="list-style-type: none"> • Applications with oblique triangles • When to use the Law of Sines & when to use the Law of Cosines 	<p><u>Your Notes</u></p>