

Name: \_\_\_\_\_

Date: \_\_

Lesson # 1 – Internet Assignment  
Handout

<b>Using the following URL:</b>	<b>Answer the following questions:</b>
1. <a href="http://www.geocities.com/Athens/2092/paper1.htm">http://www.geocities.com/Athens/2092/paper1.htm</a>	<ul style="list-style-type: none"><li>• True or False – Pythagoras was a vegetarian but wisdom trivia says that he sacrificed about 100 oxen because he was happy about discovering what has come to be known as his theorem</li><li>• Describe the mystical symbolism of the Pythagorean Triangle and some important facts about the 3-4-5 triangle</li></ul>
2. <a href="http://www.rit.edu/~flwstv/presocratic.html">http://www.rit.edu/~flwstv/presocratic.html</a>	<ul style="list-style-type: none"><li>• What was Pythagoras' cult about?</li><li>• What does this site say his greatest scientific success was?</li><li>• What did he discover about the stars?</li></ul>
3. <a href="http://www.perseus.tufts.edu/GreekScience/Students/Tim/Pythag'sTheorem.html">http://www.perseus.tufts.edu/GreekScience/Students/Tim/Pythag'sTheorem.html</a>	<ul style="list-style-type: none"><li>• What does this site say about what he did in his excitement of discovering the theorem, and how does it differ from the first URL?</li><li>• Write 10-15 sentences describing the life of Pythagoras. Include at least two of his mathematical accomplishments. Include some of his beliefs.</li></ul>
4. <a href="http://www.cut-the-knot.com/pythagoras">http://www.cut-the-knot.com/pythagoras</a>	<ul style="list-style-type: none"><li>• put in your own words five out of the thirty-eight proofs of why Pythagoras' theorem works</li></ul>
5. <a href="http://encarta.msn.com/find/Concise.asp?z=1&amp;pg=2&amp;ti=761563435">http://encarta.msn.com/find/Concise.asp?z=1&amp;pg=2&amp;ti=761563435</a>	<ul style="list-style-type: none"><li>• compare the two biographies of Pythagoras. Note similarities and differences between the language of the two sites</li></ul>
6. <a href="http://www.historyforkids.org/learn/greeks/science/math/pythagoras.htm">http://www.historyforkids.org/learn/greeks/science/math/pythagoras.htm</a>	
7. <a href="http://sunsite.ubc.ca/LivingMathematics/V001N01/UBCEexamples/Pythagoras/pythagoras.html">http://sunsite.ubc.ca/LivingMathematics/V001N01/UBCEexamples/Pythagoras/pythagoras.html</a>	<ul style="list-style-type: none"><li>• demonstrate how the theorem works. Watch the animation, and tell what happens to show that <math>a^2 + b^2 = c^2</math></li></ul>