


## Pathfinder Algebra 8th

## Regal Coller

## Week of 3-6-17 (Q3, W6)

Date:	Classwork:	Homework:
<p><b>Monday/ Tuesday 3-6/3-7</b></p> <p><b>Block</b></p> <p><b>Vocabulary Leg (of a right triangle) Hypotenuse</b></p>	<p><b>Focus Questions: (Learning Intentions)</b> → How can you prove whether or not a triangle is obtuse, acute or right using the squares of its side lengths? → How can you use puzzle pieces to verify a geometric proof of the Pythagorean Theorem?</p> <p><b>Formative Assessment Tasks</b> <b><u>Looking for Pythagoras (LFP) Investigation 2</u></b></p> <ul style="list-style-type: none"> <li>❑ Check &amp; correct LFP ACE 2 Pages 29-32 #1-46, Pages 33-34 #65-68</li> </ul> <p><b><u>(LFP) Problem 3.1</u></b></p> <ul style="list-style-type: none"> <li>❑ LFP Problem 3.1, Pages 38-40 A &amp; B</li> </ul> <p><b><u>(LFP) Problem 3.2</u></b></p> <ul style="list-style-type: none"> <li>❑ LFP Problem 3.2, Pages 41-43 A-D</li> <li>❑ Instead of the paper puzzle proof, you will use foam puzzle frames and pieces.</li> </ul>	<p><b>Required assignments:</b></p> <ul style="list-style-type: none"> <li>❑ <b>Complete any work from today you did not finish in class. (Due Thursday)</b></li> <li>❑ <b>LFP ACE 3 starts on Page 49. Do # 1-6, (Due Thursday)</b></li> <li>❑ <b>TWMM Investigation 4 &amp; 5 Test Corrections --See directions on back of score report. (Due Thursday)</b></li> </ul> <p><b>Optional:</b></p> <ul style="list-style-type: none"> <li>❑ <b>LFP ACE 3 #17 &amp; #27</b></li> </ul>
<p><b>Wednesday 3-8</b></p> <p><b>Both math and science 3rd &amp; 4th hours</b></p> <p></p>	<p><b>Focus Question: (Learning Intention)</b> → How can you improve your formative assessment completion for assignments given so far in LFP?</p> <p><b>Formative Assessment Tasks</b> <b><u>Looking for Pythagoras (LFP) Investigations 1-3</u></b></p> <ul style="list-style-type: none"> <li>❑ <b>Work on your assignment completion checklist for Investigations 1, 2 &amp; 3</b></li> </ul> <p><b>"In danger of failing" emails go out FRIDAY.</b></p>	<p><b>Schedule for next week:</b></p> <ul style="list-style-type: none"> <li>❑ <b>Monday--both math &amp; science</b></li> <li>❑ <b>Tuesday--both math &amp; science (HS counselor in math)</b></li> <li>❑ <b>Wed/Thus--BLOCKS</b></li> <li>❑ <b>Friday--both math &amp; science</b></li> </ul>
<p><b>Thursday 3-9</b></p> <p><b>Both math and science</b></p>	<p><b>Focus Questions: (Learning Intentions)</b> → How can you use the Pythagorean Theorem to find distances between points on a grid?</p> <ul style="list-style-type: none"> <li>❑ Collect TWMM Inv. 4 &amp; 5 Test corrections</li> </ul> <p><b>Formative Assessment Tasks</b> <b><u>Looking for Pythagoras (LFP) Investigation 3</u></b></p> <ul style="list-style-type: none"> <li>❑ Check &amp; correct LFP ACE 3 # 1-6, #17 &amp; # 27</li> </ul> <p><b><u>Looking for Pythagoras (LFP) Problem 3.3</u></b></p> <ul style="list-style-type: none"> <li>❑ LFP Problem 3.3, Pages 44-45 A-E</li> </ul>	<p><b>Required assignments:</b></p> <ul style="list-style-type: none"> <li>❑ <b>Finish any work not completed in class. (Due Fri)</b></li> <li>❑ <b>LFP ACE 3 p. 50-51 #7-13 &amp; p.56 #32 (Due Friday)</b></li> <li>❑ <b>Looking for Pythagoras TEST is Monday/Tuesday 3-20/3-21.*</b></li> </ul>

**Online Textbook Link:** <http://mymathuniverse.com/cmp3>

Click "Log in to Student Place"

Enter Username: lasfir21 & Password: D2001\_ \_ \_ \_

<b>Friday 3-10</b>	<b>Focus Question: (Learning Intention)</b> →How can you use a checklist to determine your evidence of formative assessment completion?  <b>Formative Assessment Tasks</b> <b>Looking for Pythagoras (LFP) Investigations 1-3</b> <input type="checkbox"/> <b>Assignment completion checklist (GF)</b> <input type="checkbox"/> <b>Submit your evidence in order with the checklist as the top sheet</b>	<b>Required assignments:</b> <input type="checkbox"/> <b>Finish any work not completed in class. (Due Monday)</b>
------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------

**Learning Success Criteria:.**

- Students are able to accurately describe the relationship between the area of a square and the length of one side as the square root of the area.
- Students can describe how to use on the side lengths to determine whether or not a triangle is a right triangle.
- Students can explain a geometric proof of the Pythagorean Theorem.
- Students can show how to find the exact distance between two points on a grid using two methods: Pythagorean Theorem and areas of squares.

**Standards**

**8.EE.A.2** Use square root and cube root symbols to represent solutions to equations of the form  $x^2 = p$  and  $x^3 = p$ , where  $p$  is a positive rational number.

**8.G.B.6** Explain a proof of the Pythagorean Theorem and its converse.

**8.G.B.7** Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two dimensions.

## Standards for Mathematical Practice

- Make sense of problems and persevere in solving them.**
- Model with mathematics.**
- Use appropriate tools strategically.**
- Look for and express regularity in repeated reasoning.**

**\*Question: How do you “study” for a math test?**

**Answer: PRACTICE**

**The best way to prepare for a math test is to**

- **COMPLETE ALL of the formative assessment tasks on time.**
- **Check your work.**
- **Correct your mistakes.**
- **Ask for help if you do not understand.**
- **Avoid absences.**
- **Make up all work missed due to absences ASAP.**

**to LEARN the math!**

**Online Textbook Link: <http://mymathuniverse.com/cmp3>**

Click “Log in to Student Place”

Enter Username: lasfir21 & Password: D2001\_ \_ \_ \_

Mrs. RC's Website: <http://www.pinckneymich.com/>

Email: [dregal@pinckneypirates.org](mailto:dregal@pinckneypirates.org)

**Online Textbook Link:** <http://mymathuniverse.com/cmp3>

Click "Log in to Student Place"

Enter Username: lasfir21 & Password: D2001\_ \_ \_ \_