

<b>Standards</b>	<b>G.GGPE.4*</b> Use coordinates to prove simple geometric theorems algebraically.
<b>Learning Targets I Can Statements</b>	I can identify if any 3 line segments can form a triangle. I can determine if 3 line segments form an acute triangle, right triangle or an obtuse triangle.
<b>Essential Question(s)</b>	Can I form a triangle from any 3 line segments? How do I determine if a triangle is an acute triangle, a right triangle or an obtuse triangle?
<b>Resources</b>	DLE device, internet access, paper and pencil, <a href="https://www.schoolology.com/">https://www.schoolology.com/</a> <a href="https://www.aleks.com/">https://www.aleks.com/</a> <a href="https://quizizz.com/join">https://quizizz.com/join</a>

**Learning  
Activities or  
Experiences**

Day 1 & 2 – Triangle Inequality Thm

1. Take notes for the attach PowerPoint. Please select the provided link.  
[Triangle Inequality Thm](#)
2. Take a picture of your notes or scan your notes and upload them to me in schoology.
3. Use your notes to complete the ALEKs assignment.

<b>Homework - Triangle Inequality Thm</b>	Homework	03/17/2020 8:00 am	03/20/2020 11:59 pm	Upcoming
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Next set of weekly topic goals will be open on 03/23 and will be due by 03/30/20.

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<p><b>Learning Targets I Can Statements</b></p>	<p>I can identify if any 3 line segments can form a triangle.                  I can determine if 3 line segments form an acute triangle, right triangle or an obtuse triangle.</p>
<p><b>Essential Question(s)</b></p>	<p><b>Can I form a triangle from any 3 line segments? How do I determine if a triangle is an acute triangle, a right triangle or and obtuse triangle?</b></p>
<p><b>Resources</b></p>	<p>DLE device, internet access, paper and pencil,  <a href="https://www.schoolology.com/">https://www.schoolology.com/</a>  <a href="https://www.aleks.com/">https://www.aleks.com/</a>  <a href="https://quizizz.com/join">https://quizizz.com/join</a></p>
	<p>Days 3 &amp; 4 Triangle Inequality Thm Cont'd</p> <ol style="list-style-type: none"> <li>1. Take notes for the attach PowerPoint. Please select the provided link.  <a href="#">Triangle Inequality: Theorem &amp; Proofs</a>  <b>Take summarize notes on and draw diagram for</b></li> </ol> <p>➤ Can We Form a Triangle From Any Three Line Segments?</p>

- Triangle Inequality Theorem
- Why Is the Triangle Inequality Theorem True?
- 2. Take a picture of your note/scan your notes and upload them to me in schoology.
- 3. Use your notes to complete the Quizizz assignment.

go to open  
[joinmyquiz.com](https://joinmyquiz.com)  
and enter this code

**4 5 5 3 0 0 → Triangle Inequality**

**This assignment will class on Monday, 03/23/20**

Reminder weekly topic goals are due Monday, 03/30/20, 11:59 p.m.

<p><b>Standards</b></p>	<p><b>G.GGPE.4*</b> Use coordinates to prove simple geometric theorems algebraically.</p>
<p><b>Learning Targets I Can Statements</b></p>	<p>I can identify if any 3 line segments can form a triangle.                  I can determine if 3 line segments form an acute triangle, right triangle or an obtuse triangle.</p>
<p><b>Essential Question(s)</b></p>	<p><b>Can I form a triangle from any 3 line segments? How do I determine if a triangle is an acute triangle, a right triangle or and obtuse triangle?</b></p>
<p><b>Resources</b></p>	<p>DLE device, internet access, paper and pencil,  <a href="https://www.schoology.com/">https://www.schoology.com/</a>  <a href="https://www.aleks.com/">https://www.aleks.com/</a>  <a href="https://quizizz.com/join">https://quizizz.com/join</a>  <a href="https://www.thatquiz.org/">https://www.thatquiz.org/</a></p>
	<p>Days 5 Triangle Inequality Thm Cont'd</p> <ol style="list-style-type: none"> <li>1. Please use your notes from Day #1 and Day #3 to answer questions to the attached worksheet found in schoology.</li> <li>2. Use your notes to complete the ThatQuiz.org assignment.</li> </ol> <p style="text-align: center;">Go to  <a href="https://www.thatquiz.org/">https://www.thatquiz.org/</a>                  scroll to bottom of the page                  and enter this code: <b>8BJRMKGH</b></p>

**This assignment will class on Wednesday, 03/25/20**

Reminder weekly topic goals are due Monday, 03/30/20, 11:59 p.m.