

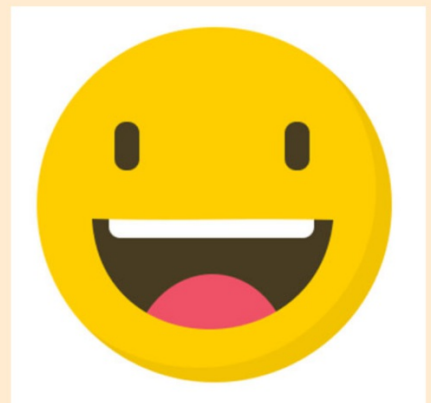
## Welcome Back MYP Math 9!

# Please Reflect for the week!

	Assignment Effort Grade (Circle One)	Comments (What was interesting or challenging?)
Monday Date: <b>10/16</b> Topic: <b>Quiz 2.1</b>	0 1 2	
Tuesday Date: <b>10/17</b> Topic: <b>Midpoint</b>	0 1 2	Finding the midpoint was really fun!
Wednesday Date: <b>10/18</b> Topic: <b>Duluth Drive</b>	0 1 2	
<del>Thursday Date: _____ Topic: _____</del>	<del>0 1 2</del>	<del></del>
<del>Friday Date: _____ Topic: _____</del>	<del>0 1 2</del>	<del></del>

## Class Plan:

1. Look at the week ahead..
2. Warm-up
3. Create Your Own Problem.



## Week of 10-23 to 10-27

	Assignment Effort Grade (Circle One)	Comments (What was interesting or challenging?)
<b>Monday</b> Date: <u>10-23</u> Topic: _____	0 1 2	Workday
<b>Tuesday</b> Date: <u>10-24</u> Topic: _____	Problem 0 1 2 DUE....	Quizzes back
<b>Wednesday</b> Date: <u>10-25</u> Topic: _____	0 1 2	Parallel + Perpendicular lines
<b>Thursday</b> Date: <u>10-26</u> Topic: _____	0 1 2	Guthrie
<b>Friday</b> Date: <u>10-27</u> Topic: _____	0 1 2	Review Unit 2

## Welcome Back MYP Math 9!

### Warm Up

What do *you* like to do?



How could you make a math problem (like the one we did yesterday) out of it?

Share at your table for 2 minutes. Talk it out!

## Create Your Own Problem:

Get: Notepaper and graph paper for story and diagram.

### Create Your Own Real World Application

#### Task:

1. Create a scenario involving 2-4 locations that you would like to go to in your problem.
2. Plot your locations on a graph.
3. Create questions involving your travels... be creative!
  - a. Distance along vertical, horizontal, and diagonal lines
  - b. Midpoint
4. Create a key/solution to your problem

When done: Self Assess using the **Criterion D Real Life Applications** rubric (Give yourself a score!), then work on other homework

**Due:** Tuesday, October 24th

## Self Assess using the **Criterion D Real Life Applications** rubric (Give yourself a score!)

*Many errors*

*Missig pieces/began to create a problem*

0	<ul style="list-style-type: none"> <li>has not reached a standard described by any of the descriptors given below</li> </ul>	<p><b><u>Work is missing (list missing elements)</u></b></p> <ul style="list-style-type: none"> <li>Or, the work has not reached a standard described by any of the descriptors.</li> </ul>
1	<ul style="list-style-type: none"> <li>i. identify some of the elements of the authentic real-life situation</li> </ul>	<p><b><u>Many Errors</u></b></p> <ul style="list-style-type: none"> <li>Math strategies and the key (<i>solution</i>) is provided with <b>many errors</b>.</li> <li>There is <b><i>an attempt</i></b> to explain their work.</li> </ul>
2	<ul style="list-style-type: none"> <li>ii. apply mathematical strategies to find a solution to the authentic real-life situation, with limited success.</li> </ul>	

## Self Assess using the **Criterion D Real Life Applications** rubric (Give yourself a score!)

### *Some errors, or not quite completed*

3	<ul style="list-style-type: none"><li>• identify the relevant elements of the authentic real-life situation</li></ul>	<p><b>Some Errors</b></p> <ul style="list-style-type: none"><li>• Math strategies include:<ul style="list-style-type: none"><li>-Create a scenario</li><li>-Plot 2-4 locations</li><li>-Write questions to be answered using the scenario</li><li>-Calculate distances and a midpoint.</li></ul></li><li>• <b>A key (<i>solution</i>) on a separate piece of paper is provided with some error.</b></li><li>• There is <b><i>an attempt</i></b> to explain why we can use the Pythagorean Theorem.</li><li>• Explain whether your scenario is realistic and/or accurate.</li></ul>
4	<ul style="list-style-type: none"><li>• ii. select, with some success, adequate mathematical strategies to model the authentic real-life situation</li><li>• iii. apply mathematical strategies to reach a solution to the authentic real-life situation</li><li>• iv. discuss whether the solution makes sense in the context of the authentic real-life situation.</li></ul>	

## Self Assess using the **Criterion D Real Life Applications** rubric (Give yourself a score!)

*Minor errors, or not as complex as it could be*

5	<ul style="list-style-type: none"><li>• i. identify the relevant elements of the authentic real-life situation</li><li>• ii. select adequate mathematical strategies to model the authentic real-life situation</li></ul>		<b>Minor Errors</b> <ul style="list-style-type: none"><li>• Math strategies include:<ul style="list-style-type: none"><li>-Create a scenario</li><li>-Plot 2-4 locations</li><li>-Write questions to be answered using the scenario</li><li>-Calculate distances and a midpoint.</li></ul></li><li>• <b>A key (solution) on a separate piece of paper is provided with little error.</b></li><li>• There is a defense of why we can use the Pythagorean Theorem.</li><li>• Explain whether your scenario is realistic and/or accurate.</li></ul>
6	<ul style="list-style-type: none"><li>• iii. apply the selected mathematical strategies to reach a valid solution to the authentic real-life situation</li><li>• iv. explain the degree of accuracy of the solution</li><li>• v. <u>explain</u> whether the solution makes sense in the context of the authentic real-life situation.</li></ul>		



## Self Assess using the **Criterion D Real Life Applications** rubric (Give yourself a score!)

*No errors, all parts completed*

7	<ul style="list-style-type: none"><li>• i. identify the relevant elements of the authentic real-life situation</li><li>• ii. select appropriate mathematical strategies to model the authentic real-life situation</li></ul>	<b>Without Errors</b>
8	<ul style="list-style-type: none"><li>• iii. Apply the selected mathematical strategies to reach a correct solution to the authentic real-life situation</li><li>• iv. justify the degree of accuracy of the solution</li><li>• v. <u>justify</u> whether the solution makes sense in the context of the authentic real-life situation.</li></ul>	<ul style="list-style-type: none"><li>• Math strategies include:<ul style="list-style-type: none"><li>-Create a scenario ✓</li><li>-Plot 3-4 locations ✓</li><li>-Write questions to be answered using the scenario ✓</li><li>-Calculate all distances and a midpoint. ✓</li></ul></li><li>• <b>A key (solution) on a separate piece of paper is provided without error.</b> ✓</li><li>• There is a thorough defense of why we can use the Pythagorean Theorem. ✓</li><li>• Justify whether your scenario is realistic and/or accurate. ✓</li></ul>

## Reflect: Why did you earn that score?

Your  
Level

\*\*\*Draw check marks in the appropriate boxes to determine your score.

**Student Reflection:**

(Why did you earn this score?)

My G is because.....

## Exercises...

Create Your Own Problem!

Due Tuesday -  
(Monday) Workday