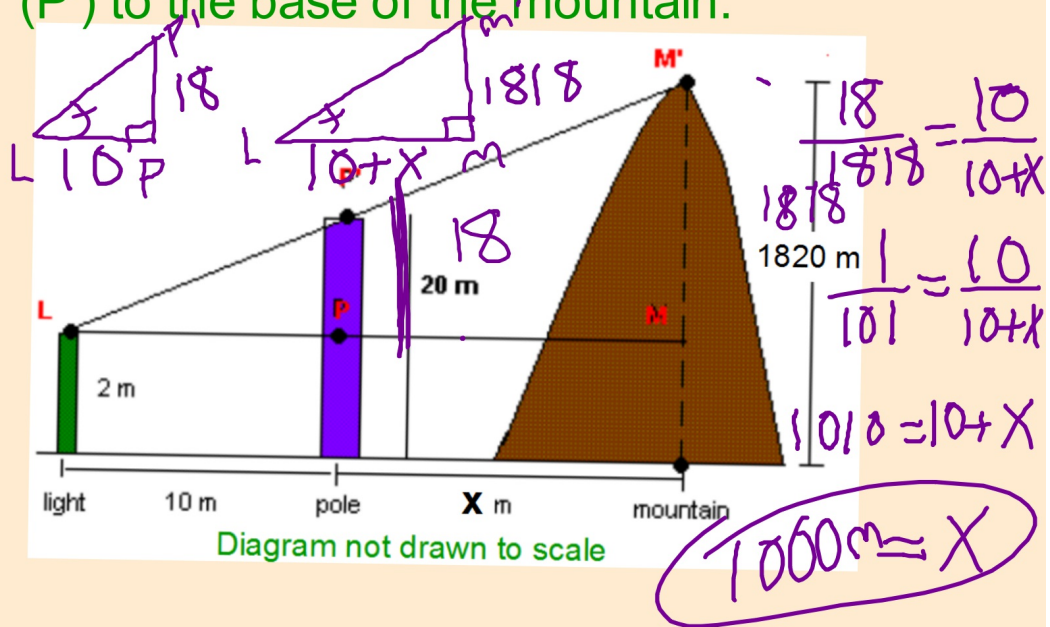


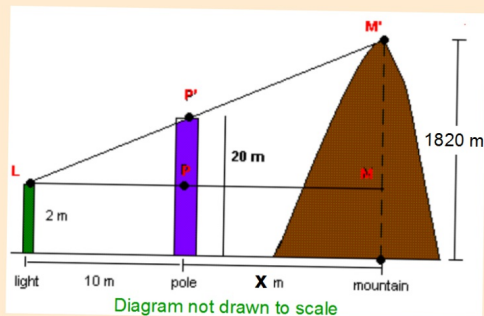
## Welcome Back MYP Math 9!

	Assignment Effort Grade (Circle One)	Comments (What was interesting or challenging?)
<b>Monday</b> Date: <u>12/4</u> Topic: <u>No Homework - Quiz 3.2</u>	0   1   2	
<b>Tuesday</b> Date: <u>12/5</u> Topic: <u>Pontoon Ride</u>	0   1   2	
<b>Wednesday</b> Date: _____ Topic: _____	0   1   2	
<b>Thursday</b> Date: _____ Topic: _____	0   1   2	
<b>Friday</b> Date: _____ Topic: _____	0   1   2	

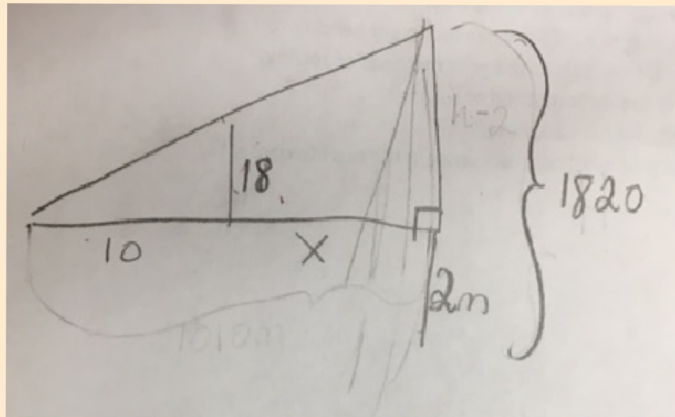
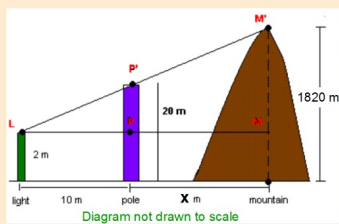
Warm-up: Find distance from the pole (P') to the base of the mountain.



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# "Create Your Own Application"

Due: Wednesday Dec. 6th

Criterion D: Real Life

Create Your Own Real World Application

1. Create a scenario that involves trigonometry and bearings. Include diagram of scenario.
2. Create questions... be creative!
  - a. Bearings, angles, distance (use sine rule and/or right triangle trig ratios).
  - b. Reflection of methods used. *Are they realistic?*
  - c. Reflection of solution. *Is it accurate? Does it make sense in the real-life context?*
3. Create a key/solution to your problem.
4. Self-Assess and **defend** your self-assessed score (make checks in boxes & comment).

*In short...*

1. Create Application with triangle(s).
2. Write Questions.
3. Write Solutions to your questions!
4. Self - Assess work
5. Turn in tomorrow!

Done? Challenge problems

<p>7</p> <p>8</p>	<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> <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. justify 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 an authentic scenario</li> <li>-Diagram Included</li> <li>-Write <b>questions</b> from scenario that require <b>at least</b> a bearing calculation, distance (using sine rule and/or right triangle trigonometric ratios).</li> </ul> </li> <li>• A key (<i>solution</i>) is provided <b>without error</b>.</li> <li>• Thorough explanation of why the method is applicable to the situation.</li> <li>• Thorough justification of whether your solution is realistic.</li> </ul>
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Exercises...

Finish your application!

(Turn in Tomorrow Wed 12/6)

Done? Math team extension problems