

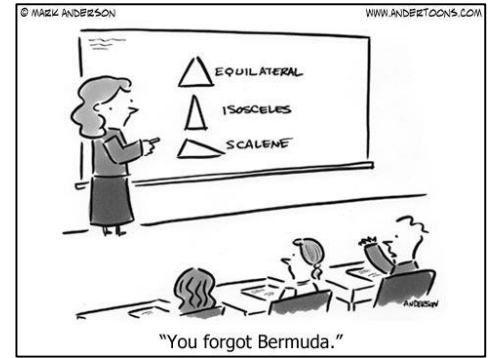
Unit 11 Oblique Triangles Story Project

Oblique triangles are everywhere! Your job is to create a story that includes 5 oblique triangle word problems within it. You will need a visual product for your story. This can be an actual book, something digital, a video, etc. You will read your story to the class on **Monday, April 1.**

You will need to solve your problems separately and show all work. Label each problem by the type of triangle it is. Your work can be on the back of the book or on another sheet of paper, that is turned in at the same time as your project. You will need one problem for each of the triangles listed below. Remember, these should be oblique triangles, so the given angle should not be 90°

1. Given AAS or ASA, solve for a side
2. Given SAS, solve for the 3rd side
3. Given SSS, solve for an angle
4. Given SSA, solve for a side or angle (be careful of the ambiguous case!)
5. Given any information, solve for the area of the triangle (or another shape made up of triangles)

This project will count as a TEST grade and is due at the beginning of class Monday, April 1. If your project is digital, submit it to google classroom and share it with svkorotkow@g.risd.org



Name: _____ Period: _____

Description	0 points	1 point <i>For each problem</i>	3 points <i>For each problem</i>	5 points <i>For each problem</i>	Points earned
<i>Did you set up and solve the problem correctly?</i>	No equation provided.	Equation has several errors in the set up or solution.	Equation has one error in the set up or solution.	Equation is set up and solved correctly.	/25
<i>Does the problem make sense and fit into the story?</i>	No problem provided.	Problem has several elements that do not make sense or does not fit into the story.	Problem has some elements that do not make sense.	Problem makes complete sense and fits in well.	/25
Description	0 points	10 points	20 points	30 points	Points earned
<i>How visually pleasing is your story?</i>	No visual provided.	Includes little detail, pictures and/or color, indicating a minimal amount of time and effort.	Includes some detail, pictures and/or color, indicating a moderate amount of time and effort.	Includes intricate detail, pictures and/or color, indicating a large amount of time and effort.	/30
Description	0 points	3 points	5 points	10 points	Points earned
<i>Is your story creative?</i>	Story is copied or unoriginal	Story does not contain details and is very generic	Story contains a few creative details or a creative theme that contributes to the reader's enjoyment	Story has many creative details that contribute to the reader's enjoyment. The student has really used their imagination	/10
<i>Is your story turned in on time?</i>	Story is not ready at the beginning of class 12/6		Story is ready at the end of class 12/6	Story is ready at the beginning of class 12/6	/10

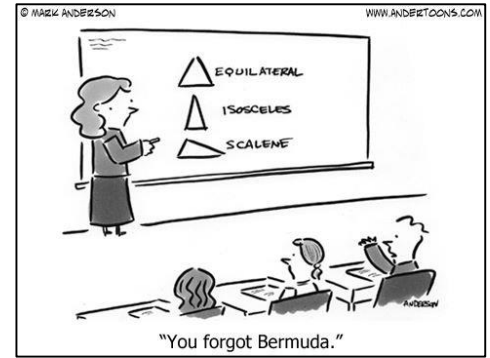
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