



Chapter 6 - Quadrilaterals

Name _____

Facebook/ Social Media Project (25 points)



Due Tuesday, November 21st @ 4pm by submitting to epalumbo@hinsdale86.org

Directions: You are in charge of creating one social media page for one quadrilateral. You are in charge of deciding their profile picture, friends, wall posts, likes and dislikes, etc... you are giving the quadrilateral a personality.

Through this project, you will be able to demonstrate your understanding of...

- ❖ The properties of these special quadrilaterals in relation to other geometry definitions and relations (parallel/perpendicular lines, vertical angles, alternate interior angles, isosceles triangles, etc)
- ❖ How these special quadrilaterals are related to one another (Think of Always-Sometimes-Never)
- ❖ How these special quadrilaterals appear in our everyday life through art, pop culture and jobs/areas of study.

Use the following on the back as your rubric. You must submit using an online format (Google forms, PPT templates, be creative!!) Answer the part B questions on a separate page (typed).

You will get a point doing each part A question, and a point for explaining what you did in each part B question. This will be a total of 25 points.

Your page should look like an actual social media account. All of the information must be appropriate and relevant to the shape you picked. BE CLEVER! HAVE FUN 😊

Grading Rubric/Elements of your Project

- _____ **1a. Choose any quadrilateral from the following list: *Parallelogram, Rectangle, Rhombus, Square, Trapezoid, Isosceles Trapezoid, Kite*. Create a name/username that represents your quadrilateral**
- 1b. Which quadrilateral did you choose? How does your username relate to the properties of your chosen quadrilateral?
- _____ **2a. A profile picture** (Make sure to include the tick marks/arcs to demonstrate the quadrilateral)
- 2b. Did you include the tick marks on your quadrilateral that demonstrate the properties of the quadrilateral?
- _____ **3a. At least three other pictures of the quadrilateral in real life.**
- 3b. Explain where/when you see/use this quadrilateral in real life.
- _____ **4a. A relevant status update/tweet** (“What’s on your mind?”)
- 4b. How does this status update/post relate to the properties of the chosen quadrilateral?
- _____ **5a. Four friends/followers that are somehow related or connected to your quadrilateral** (Ex: A rectangle might follow a square because a rectangle and a square share 4 right angles... similar to a family tree.)
- 5b. How do these friends/followers connect to the properties of your chosen quadrilateral?
- _____ **6a. Two posts demonstrating a relationship between your quadrilateral and another mathematical definition, shape, or concept** (does not have to be geometric... always, sometimes, never ideas)
- 6.b What is the connection between the properties of your quadrilateral and the concept you chose?
- _____ **7a. At least one Interest/Hobbies/Like** that represents your quadrilateral.
- 7b. How does this interest connect to the properties of your quadrilateral?
- _____ **8a. At least one favorite Book/Movie/Band/TV Show** that represents your quadrilateral.
- 8b. How does the favorite item connect to the properties of your quadrilateral?
- _____ **9a. Either a college major or current job in the College information or Work Information section** (Do not use math teacher... Other majors use math too!)
- 9b. How does the college major/current job connect to the properties of your quadrilateral?
- _____ **10a. All properties of the quadrilateral have been referenced with the social media connections.**
- 10b. What are all the properties of that quadrilateral?
- _____ **ORGANIZATION:** The project is clearly organized, neat, and easy to follow.
- _____ **GRAMMAR:** No mistakes or grammatical errors. Student took time to double check work.
- _____ **CREATIVITY:** Time and effort were put into this project. The student thought outside of the box.
- _____ **IN CLASS PARTICIPATION:** Student took the time given in class to work on the project. The student Focused and did not goof off in class.
- _____ **TIME:** The project as submitted before or on the deadline.

_____/ 25 points