

## Group Quadrilateral Presentation

Standards:

- Students will be able to identify and apply properties of quadrilaterals
- Students will contribute productively to group work

We are going to be studying 5 new quadrilaterals in this chapter, and you are going to be responsible for preparing a presentation explaining the properties of one of these 5 quadrilaterals to the class. With your assigned group, you will need to prepare a **10 – 15 minute** presentation to teach the properties of your quadrilateral to the class. You must include the following:

1. A clear and organized poster illustrating your quadrilateral and showing all of the properties of the quadrilateral **and** its diagonals.
2. A guided note sheet that you will use to teach the properties to the class. The note sheet may be handwritten, but it must be neat.
3. The guided note sheet must include all of the properties of your quadrilateral, an example problem that you will explain to the class, and at least 3 practice geometry problems for the class (at least one must use algebra) using the properties of your quadrilateral.

You are responsible for teaching your classmates the properties of your quadrilateral, so feel free to incorporate anything else (e.g. a skit, song, or rap) that you think will help them learn and remember the properties.

Every person in your group must be involved in creating the materials and in presenting your group's quadrilateral. You are also responsible for answering your classmate's questions and making sure that they understand and can apply all the properties of your quadrilateral.

In addition to your presentation, I would like you to write a paragraph describing in detail what you did to help your group complete your project.

**Rubric for quadrilateral presentation:**

	<b>Poor (3 pts)</b>	<b>Fair (5 pts)</b>	<b>Good (8 pts)</b>	<b>Excellent (10 pts)</b>
<b>Individual contribution to group work</b>	Student hinders the group from completing their task and takes little responsibility for the project or presentation.	Student does not consistently participate in the group work and does not play a major role in the presentation.	Student participates, but does not play a major role in the presentation, or the student does not consistently participate in the group work.	Student continually participates, is a responsible member of the group, and plays an active and well-prepared role in the presentation.
<b>Well-prepared and clear presentation</b>	Presentation is difficult to understand and not all material is communicated.	Presentation is not shared equally by all group members, and the material is not clearly presented.	Presentation is not shared equally by all group members, it does not fall within the correct time frame, or the material is not clearly presented.	Presentation is well-prepared, each group member participates, and the material is presented in a clear and understandable way.
<b>Complete, accurate, and clear guided notes</b>	Notes are difficult to understand and do not contain the required information.	Notes are missing two of the following required items: the properties, the example, or the 3 practice problems.	Notes include the required items, but they are not written clearly, or they are neat but are missing one required item.	Notes include all the properties, the example, and 3 practice problems. They are neat and easy to follow.
<b>Neat and well-organized poster</b>	Poster is missing more than one property or more than two visuals, and is difficult to understand.	Poster is missing one property or two visuals or is difficult to understand.	Poster displays all the properties and visuals, but is not well-organized, or the poster is well-organized but is missing a visual.	Poster is very neat and well-organized. All the properties are clearly displayed with visuals.

Total score: \_\_\_\_\_ / 40