Orbital Study DUE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Geometry Honors

Directions: Look through **Chapter 4** of your textbook. Think about what questions you have regarding the information you see and what you would like to learn more about. **Choose a cognitively complex topic (theorem, concept, formula, etc.) that interests you and that you will investigate, answer and potentially share with the class**. Use complete sentences when filling in the areas below.

**Example of a non-cognitively complex problem**: What are the properties of a right triangle?

**Example of a cognitively complex problem**: How can I prove the Pythagorean Theorem that relates to right triangles? Is there a way I can demonstrate a visual proof of the theorem?

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| What I want to research (my topic): |
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| What I already know about the topic: |
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| How I want to research it: |
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| Where I can find an example of this topic in the real world: |
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| The presentation format I will use to share with classmates: |
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