

The teacher will need to see all of your work. Mark (x) off each one as you use it. Be sure to include the following:

- Pictures, charts, graphs, or t-tables that support your explanation
- A written explanation with detailed sentences
- The equation or number sentence
- The answer (Ask yourself: Is my answer reasonable? Why or why not?)
- The solution in more than one way or related to other situations

**Teacher Use Only**

**Analytical Score:**

**Understanding**            N A P E

**Strategy/Reasoning**    N A P E

**Communication**         N A P E

**Holistic Score**            N A P E

Name: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher: \_\_\_\_\_ School: \_\_\_\_\_

## Independent Investigation

### Design Your Own Independent Math Investigation!

**Question:** Must have at least 2 components of which comparisons can be made.

**Collect Data:** May take place as a survey, an observation, or a collection of information from a data base or already compiled resource.

**Organize Data:** create a chart, table, graph, diagram, or model to organize your information.

**Analyze Data:** Find mode, median, or mean (which ever are most appropriate for your situation).

**Draw Conclusions Based on your Data Analysis:** Make conclusions, recommendations, observations, “I noticed...” statements.

**Research:** Find research that will support or compliment your conclusions. Discuss the reliability of your data based on the research you find.

