Algebra One
"Fireworks" Task #6
Period:

Name:
Date:

Process Standards:

Students will be able to:

- Interpret results in ways that are meaningful for the given context.
- Effectively communicate their mathematical knowledge.

Content Standards:

Students will be able to:

- Use technology to assist in data collection and interpretation of functions.
- Interpret and describe classes of functions through rules, tables and graphs.

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1. Given the equation $y = 2x + 3$ describe at least three things that you know about this function without using your graphing calculator.

2. Given the new function $y = 2x^2 + 3x - 7$ describe the characteristics of this function as it compares to the function stated in number one.

3. Do you think that the functions in numbers one and two are members of the same family? Why or why not?