Algebraic Reasoning

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Per:\_\_\_\_\_

POINTS:\_\_\_\_

Homework #16 Quiz

**Be sure to include your work when appropriate.**

**Determine whether the set of data represents a linear, exponential, quadratic or cubic function.**

1.



2. **Use finite differences to determine the function that relates the variables.**



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3. Write a function using finite differences that models the data in the table.



4. What does the range (y-values) of the function represent in the situation?

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