## Georgia Department of Education

Georgia Standards of Excellence Framework
Accelerated GSE Algebra I/Geometry A •Unit 5

## Comparing Linear, Quadratic, and Exponential Models Graphically

(Learning Task)
Name
Date

1. Complete the tables below.

| Linear |  | Quadratic |  | Exponential |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $f(x)=2 x$ |  | $g(x)=x^{2}$ |  | $h(x)=2^{x}$ |  |
| $\boldsymbol{x}$ | $f(x)$ | $x$ | $g(x)$ | $\boldsymbol{x}$ | $\boldsymbol{h ( x )}$ |
| -5 |  | -5 |  | -5 |  |
| -4 |  | -4 |  | -4 |  |
| -3 |  | -3 |  | -3 |  |
| -2 |  | -2 |  | -2 |  |
| -1 |  | -1 |  | -1 |  |
| 0 |  | 0 |  | 0 |  |
| 1 |  | 1 |  | 1 |  |
| 2 |  | 2 |  | 2 |  |
| 3 |  | 3 |  | 3 |  |
| 4 |  | 4 |  | 4 |  |
| 5 |  | 5 |  | 5 |  |

Mathematics • Accelerated GSE Algebra I/Geometry A• Unit 5: Comparing and Contrasting Functions

