Build A Function (grade 8) Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Build a function which meets the following criteria.
* The function is continuous.
* The function is non-linear.
* The function has a maximum.
* The function continually decreases.
* The function has a *y*-intercept.

1. Create a scenario, or story, modeled by your function.

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Build A Function (grade 7) Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Build a function which meets the following criteria.
* The function is discrete.
* The function is non-linear.
* The function has a maximum and a minimum.
* The function continually decreases.
* The function has no intercepts.

1. Create a scenario, or story, modeled by your function.

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