

Quadratic Tables and Symmetry



Name: _____ Date: _____

Use the material to work through each task. Show the requested response.

A quadratic rule

For $y = x^2$, opposite x values give equal y values. Its graph curves rather than forming a straight line.

x	y
-2	4
-1	1
0	0
1	1
2	4

1. Find y when $x = -3$ for $y = x^2$.

2. Which two x values in the table give $y = 4$?

Quadratic Tables and Symmetry



Name: _____ Date: _____

3. For $y = x^2 + 2$, find y when $x = 0$.

4. From $x = 0, 1, 2$, $y = 0, 1, 4$. Are the y increases constant?

5. Plot the five table points and connect them with a smooth curve.

6. Why is this table not a linear relationship?