

Quadratic Tables and Symmetry: Apply and Create



Name: _____ Date: _____

Use what you learned to explain, construct or apply an idea.

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

2. Why is this table not a linear relationship?