

Quadratic Tables and Symmetry: Apply and Create



Use the matching sheet ID when checking answers.

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

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

Look for:

- Uses a consistent scale.
- Plots all listed coordinates.

One possible response: A U-shaped curve through the listed points.

2. Why is this table not a linear relationship?

Look for:

- Connects the table differences with nonlinearity.

One possible response: Equal x steps do not produce equal y changes.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.