

Math Journal - Chapter 12 - Functions and Coordinate Geometry

- 12.01 Explain how to write an equation for data in a table. (use any table from text page 600-601 or create your own)
- 12.02 Discuss why using three (or more) ordered pairs from a function table to graph a line is the preferred method for graphing functions. (Make sure to point out that only 2 points are needed to construct a line)
- 12.03 Explain how to find the new coordinates of a point that is translated 3 units right and 2 units down.
- 12.04 Explain how the coordinates of a figure change when the figure is reflected across the y axis.
- 12.05 Tell how the x - and y -coordinates change when a figure is rotated counterclockwise 90° about the origin.
- 12.06 Which dimensions of a figure can be changed so that the new figure is similar to the original?

General Scoring Rubric:

- 0 No Response
- 1 Wrong response
- 2 Weak response
- 3 Showed understanding
- 4 Showed understanding and cited an example
- 5 Showed understanding, cited examples and communicated effectively enough to enable others to understand.