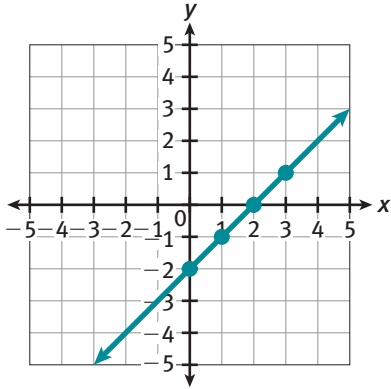


# Visual Representations of Numbers

A linear function when graphed would form a straight line.

## EXAMPLE A

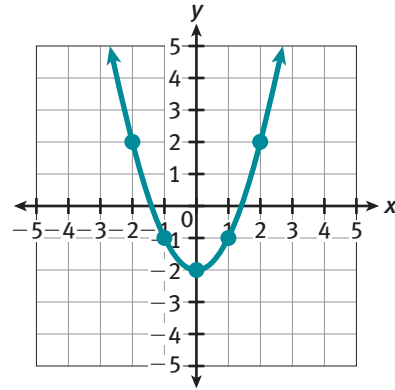
### Example of a Linear Representation



**Solution:** The points form a straight line, showing the graph of a linear relationship.

## EXAMPLE B

### Example of a Nonlinear Representation

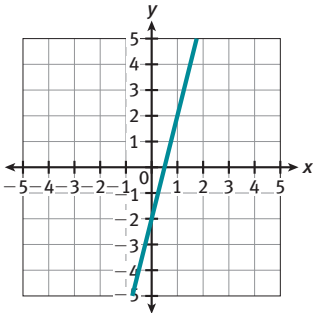


**Solution:** The points form a “U” shaped graph; it is nonlinear.

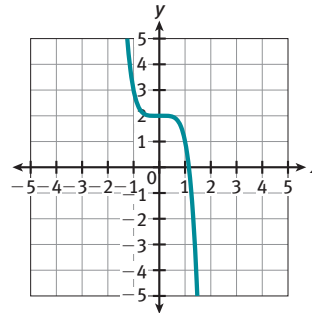
## PRACTICE

Identify the graph as linear or nonlinear.

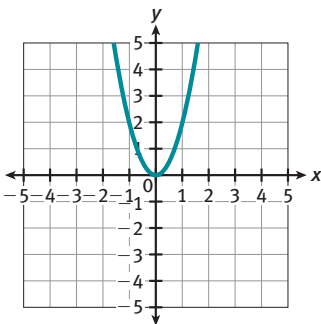
1.



3.



2.



4.

