

Lesson 11.5: Recognizing Functions

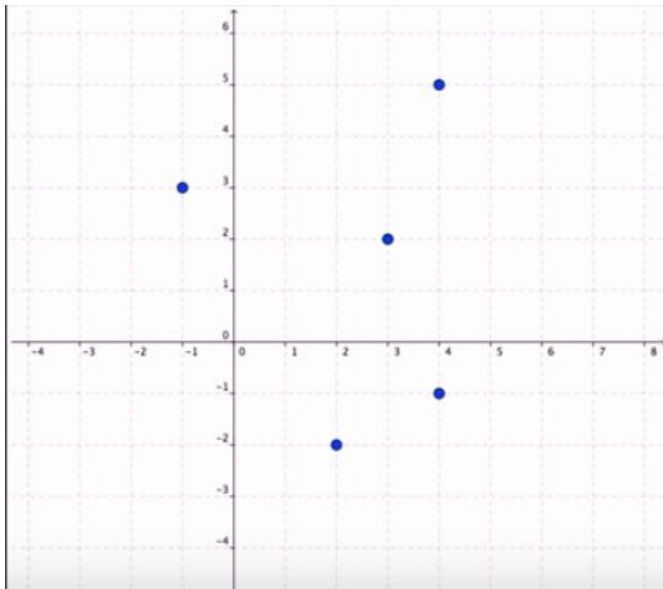
Targets

1. I can determine if a graph represents a function.
2. I can determine if a table represents a function.

How to check if a set of points on the graph represents a function (example)

First attempt this problem on your own. Then watch the video and copy his notes.

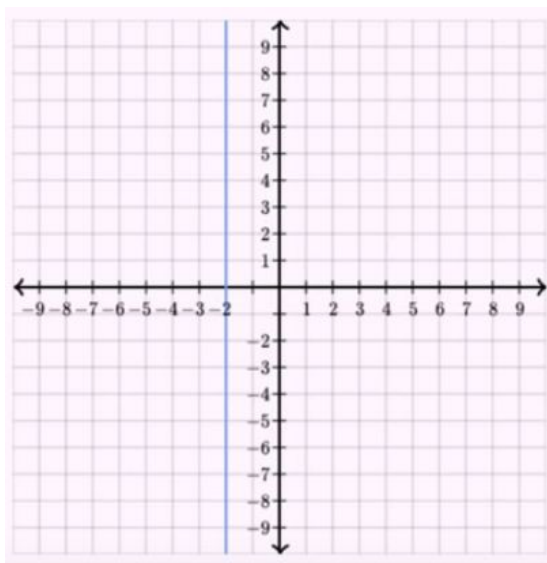
- *Determine whether the points on this graph represent a function.*



Does a vertical line represent a function?

First attempt this problem on your own. Then watch the video and copy his notes.

- *In the following graph, is y a function of x ?*



Khan Activity: Recognizing Functions from Graphs

Complete this activity on Khan.

How to check if a table represents a function (example)

First attempt this problem on your own. Then watch the video and copy his notes.

- *Look at the table below. From the information given, is there a functional relationship between each person and his or her height?*

Name	Height
Joelle	5' 6"
Nathan	4' 11"
Stewart	5' 11"
LJ	5' 6"
Tariq	6' 1"

- *How do you know if something is a function or not?*

Khan Activity: Recognizing Functions from Tables

Complete this activity on Khan.

Exit Ticket

1. Have all your notes filled out above.
2. Complete the following Khan Academy Activities:
 - a. Recognizing Functions from Graphs
 - b. Recognizing Functions from Tables