

Pre-Algebra
Graphing Real World

Examples

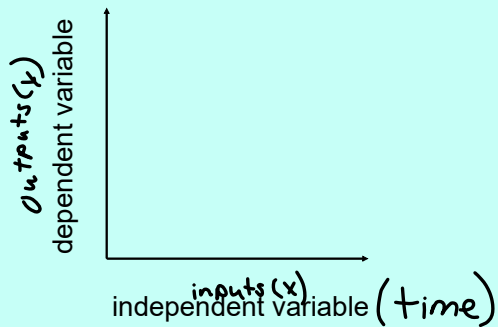
Goal: show how 2 variables are related by using a graph

When showing a real world example of how two variables are related using a graph, you will need to include a few key features.

Every graph needs to have the following:

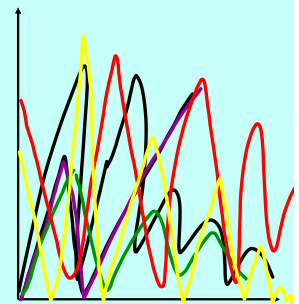
- 1) title
- 2) labels on both the vertical and horizontal axis
- 3) appropriate scale

Title

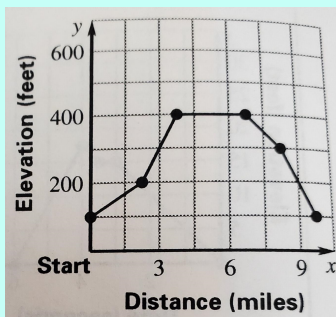


Sketch a graph to represent the following:

You bounce a basketball as hard as you can. Show the relationship of the height of the ball to time.

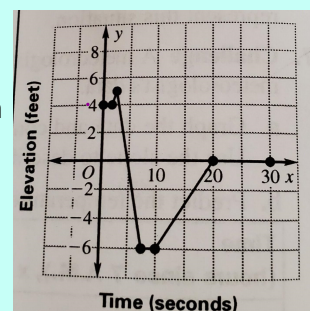


The graph shows the elevation of a 10 mile road race.



Describe the change in elevation throughout the course.

The graph shows a diver's elevation when diving from a diving board.



Describe the diver's movements during the dive.

Sketch a graph of the following:

A student walks .25 miles to a friend's house, visits at the friend's house for 5 minutes, and then they bike to the park, 4 miles away. They stay at the park for 5 minutes and then bike back to the friend's house.



Graphing Stories:

Hwk:

Worksheet 8.4