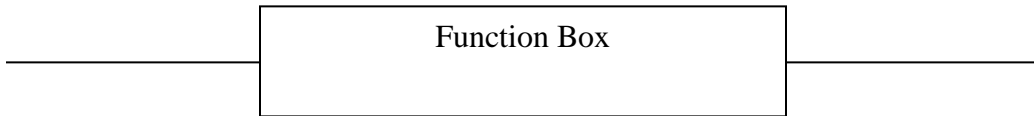


- coordinate plane
- graph
- origin
- x-axis
- y-axis
- x-coordinate
- y-coordinate
- ordered pair
- quadrants
- linear
- slope
- positive
- negative
- x-intercept
- y-intercept

What is a Relationship?



Independent and Dependent Variables

Independent Variable:

Dependent Variable:

Continuous and Discrete Functions

Continuous Function:

Discrete Function:

Ex. 1 Chloe is babysitting. She gets paid \$7 per hour. Create a table to show how much money she will earn babysitting.

Independent: _____

Dependent: _____

Discrete or Continuous

Ex. 2 A tree grows 2 feet every year. Create a table to show how tall the tree will be as it continues to age.

Independent: _____

Dependent: _____

Discrete or Continuous

Ex. 3 Generally, the average price of going to the movies has steadily increased over time.

Independent: _____

Dependent: _____

Discrete or Continuous

Ex. 4 The air pressure inside a tire increases as the temperature increases.

Independent: _____

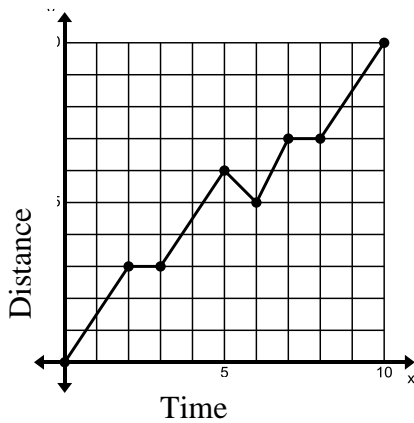
Dependent: _____

Discrete or Continuous

Graphs as a Relation:

Describe what is happening in the graph?

Mr Wallace's ability to run a mile!



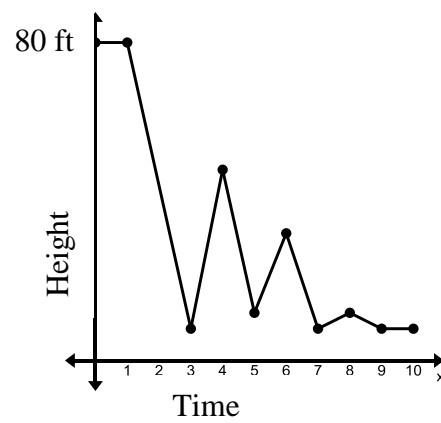
Independent Variable: _____

Dependent Variable: _____

y-intercept: _____

What's Happening?

Bungee Jumping



Independent Variable: _____

Dependent Variable: _____

y-intercept: _____

What's Happening?
