

Discrete

Situation	Variables	Sketch of Graph
The price of a hotel stay depends on the number of nights.	Dependent Price of Hotel Stay Independent Number of Nights	

Situation	Variables	Sketch of Graph
The cost of traveling on the turnpike depends on the number of axels a vehicle has.	Dependent Cost of toll Independent number of axels	

Situation	Variables	Sketch of Graph
Student Council earns a profit of \$5 for each Homecoming Shirt sold.	Dependent Profit Independent # of Shirts Sold	

Continuous

Situation	Variables	Sketch of Graph
Walmart Sells bananas by the pound.	Dependent Total Price Independent # of pounds of bananas	

Situation	Variables	Sketch of Graph
Bob empties his swimming pool at a rate of 10 gallons per minute.	Dependent amt of water in pool Independent amt of time	

Situation	Variables	Sketch of Graph
The height of a tree changes over time.	Dependent Height of Tree Independent Age of Tree	