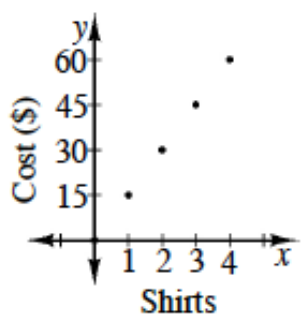


Continuous and Discrete Graphs

When the points on a graph are connected, and it *makes sense* to connect them, the graph is said to be **continuous**. If the graph is not continuous, and is just a sequence of separate points, the graph is called **discrete**. For example, the graph below left represents the cost of buying x shirts, and it is discrete because you can only buy whole numbers of shirts. The graph below farthest right represents the cost of buying x gallons of gasoline, and it is continuous because you can buy any non-negative amount of gasoline.

Discrete Graph



Continuous Graph

