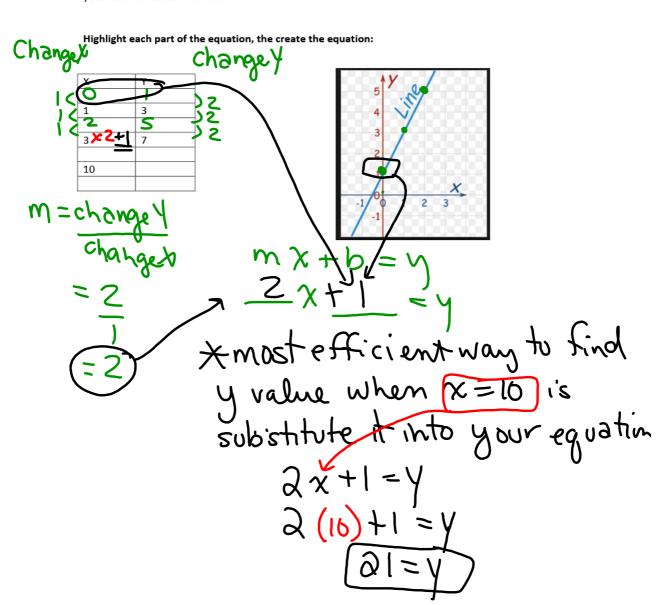


y = The Pattern Total. This is the number that you're trying to find. It will appear on the right hand side of your table of values and on the y-axis of your graph.

m = **The Multiplier.** This is the number that you need to multiply. You find it by using the Change in Y divided by the change in X. It can also be found on the graph.

x = The Term Number. This the number that keeps the order of the pattern. It will appear on the left side of your table of values and on the x-axis of your graph.

b = **The Base.** This is the number that never changes. The pattern either starts here or has this added on or subtracted from. You can find it by looking at the location that your line crosses the y-axis or using your table of values when the X = 0



Ski Day

Information about the linear relationship between the total cost of skiing, C, in dollars, and time, t, in hours, at three different ski resorts is shown below.

