



Let's Walk!



You and your friend track your walking for the week. Your friend walks 30 minutes a day, and you walk 15 minutes a day. Make a table to represent the number of total minutes walked as the week goes on for each person.

Days	Your total number of minutes	Your friend's total number of minutes
1	15	30
2	30	60
3	45	90
4	60	120
5	75	150
6	90	180
7	105	210

Make a graph of the total number of minutes walked. Plot the points on the same coordinate plane, and make a line graph. Use two different colors to graph your data and your friend's data.

1. Looking at the table or the graph, describe a pattern for the total number of minutes walked by you. Also describe a pattern for the total number of minutes walked by your friend.

Possible Answer: My friend walks 30 minutes a day and I walk 15 minutes a day, my friend always walks a greater amount than I do. My friend also walks twice as much as I do.

2. What do you notice about the total of number of minutes walked as the days go on between you and your friend when looking at the graph?

Possible Answer: Our total number of minutes keeps increasing as the days increase.

3. Using the graph or the table, explain the relationship between the number of days that has passed and the total minutes walked by you. Do the same for your friend.

Possible Answer: My friend's minutes increase at a higher rate because he walks 30 minutes every day. I only walk 15 minutes every day so my number of minutes increases at a smaller rate.

