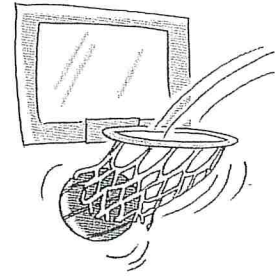


The following table shows data for one season of the El Toro professional basketball team. El Toro team member Antonio Kusoc was inadvertently left off of the list. Antonio Kusoc played for 2103 minutes. We would like to predict how many points he scored in the season.



Player Name	Minutes Played	Total Points Scored in a Season
Sordan, Scottie	3090	2491
Lippen, Mike	2825	1496
Karper, Don	1886	594
Shortley, Luc	1641	564
Gerr, Bill	1919	688
Jodman, Dennis	2088	351
Kennington, Steve	1065	376
Bailey, John	7	5
Bookler, Jack	740	278
Dimkins, Rickie	685	216
Edwards, Jason	274	98
Gaffey, James	545	182
Black, Sandy	671	185
Talley, Dan	191	36

Directions:

1. Make a graph, make sure to label the axis and scale your graph appropriately.
2. Plot the points from the table.
3. Do your best to sketch a straight line through the middle of all the points.
4. Write the equation of the line you have drawn.
5. Are there any points that do not "follow" the trend of everyone else? Explain.
6. Did the point(s) in #6 affect where your line was drawn? Draw a second line on the graph without using those data points and write the equation of the new line.
7. Which line do you think best predicts the outcome of future players in relation to the time played and the points scored?
8. Use your line to predict the number of points Antonio scored.