

3. This table shows the amount of trash produced in the United States in 1990 and 1995.

US Trash Production	
Year	Amount of Trash (million tons)
1990	205
1995	214

a) Let x represent the year and y represent the amount of trash in millions of tons for that year. Write an equation in POINT-SLOPE form for the line passing through these two points.

b) Plot the two data points and graph the equation you found in 3a.

c) In 2000, 232 million tons of trash were produced in the United States. Plot this data point on the same graph you made in 3b. Do you think the linear equation you found in 10a is a good model for these data? Why or why not?

d) Convert your equation from part a to SLOPE-INTERCEPT form.

