

change) as follows:

t	$\frac{P(t) - P(1992)}{t - 1992}$
1988	2,625,750
1990	2,781,000
1994	2,645,000
1996	2,544,250

□ Another method is to plot the population function and estimate the slope

From this table we see that $P'(1992)$ lies somewhere between 2,781,000 and 2,645,000.

28. Determine the limit, if it exists, of the function $f(x)$ as x approaches a .

29. The fuel consumption (measured in gallons per hour) of a car