Name:	Group #:	Date:	
The population of Las Vegas, Nevada can be approximated by the function $p(t) = 160,000(1.05)^t$ where t is the number of years since 1980.			
As a group, write a sentence or more that could be read over the phone that would explain to someone on the other end what this function is saying.			
The number of doctors in Las Ve where p is the population.	gas can be determin	ed approximately by the function d(p) =	0.0044p,
As a group, write a few sentence the other end what this function i		over the phone that would explain to so	meone on
The National Physicians' Board i	s trying to determine	how many doctors should be employed	I in the city of
Las Vegas. Model the number o	f doctors in Las Vega	as as a function of the number of years and be a graph, a table, or any other me	since 1980.
Approximately when will the num	ber of doctors in Las	s Vegas exceed 5000? Show your work	