Winchester Population Problem (Growth and Decay Problem)

Here is the census data for the city of Winchester, Virginia since 1960:

1970 1980 1990	15,110 19,429 20,217 21,947 23,585
2010	(26,230) projected
1. During	which decade was the growth the largest?
Why? Because the city annexed some of the land from Frederick County.	
2 - 4. Use the population for 1980 as the base for the following problems.	
(2	Assuming an exponential growth model for the city of Winchester, solve for the constant and write the equation for the growth model using the population in 1980 and 1990.
(3	Now use the growth model that you computed in part (2) to determine the population for Winchester in 2000. How does it compare with the actual population data?
(4) Now use the growth model that you computed in part (2) to determine the population for Winchester in 2010. How does it compare with the projected population data?