Name: _____ Date: _____ Period: _____

Based on the data from "AIDS diagnoses and deaths of persons with AIDS in the USA by year" create a line graph on the attached graph paper and answer the following questions. Note: Your graph will have two lines plotted on it.

1. What is the minimum value on the data table for a) cases and b) deaths?

2. What is the maximum value on the data table for a) cases and b) deaths?

3. During what year did the number of AIDS deaths peak?

4. During what year did the number of AIDS cases peak?

5. Did the deaths and cases peak at the same time? Why do you think this did or didn't occur?

6. Based on this data, during what time frame was AIDS first discovered?

7. HIV is spread by sexual contact with an infected person, by sharing needles and/or syringes (primarily for drug injection) with someone who is infected, or, less commonly (and now very rarely in countries where blood is screened for HIV antibodies), through transfusions of infected blood or blood clotting factors. Babies born to HIV-infected women may become infected before or during birth or through breast-feeding after birth.

   Based on the reading above, what are two ways to make sure you do not get HIV and become a statistic on my next year's class data sheet.

AIDS diagnoses and deaths of persons with AIDS in the USA by year		
Year	**Cases diagnosed during the year**	**Deaths occurring during the year**
1981	**339**	**130**
1982	**1201**	**466**
1983	**3153**	**1511**
1984	**6368**	**3526**
1985	**12044**	**6996**
1986	**19404**	**12183**
1987	**29105**	**16488**
1988	**36126**	**21244**
1989	**43499**	**28054**
1990	**49546**	**31836**
1991	**60573**	**37106**
1992	**79657**	**41849**
1993	**79879**	**45733**
1994	**73086**	**50657**
1995	**69984**	**51414**
1996	**61124**	**38074**
1997	**49379**	**21846**
1998	**43225**	**19005**
1999	**41356**	**18491**
2000	**41267**	**17741**
2001	**40833**	**18524**
2002	**41289**	**17557**
2003	**43171**	**18017**