

1. It took 1649 years for the world population to double, going from .25 billion people to .50 billion people. How long did it take for the population to double once again?
2. How long did it take for the population to double a second time? A third time?
3. Based on your graph, in what year will the population reach 8 billion?
4. Based on your graph, how many years will it take for the population of 2004 to double?
5. What factors contributed to the world's overall population growth in the last 150 years.

partner.

Analysis: Use your graph and your textbook/lecture notes to help answer the following questions with your

for your graph.

Place time on the horizontal axis. Values should range from 1650 to 2020. Place number of people on the vertical axis. Values should range from 0 to 20 billion. Make sure that your graph is a full page in size and you have the correct labels for the X and Y axes and a title

Instructions for creating your graph.

Year A.D.	Number of People (in billions)
1650	.50
1800	1.0
1930	2.0
1960	3.0
1974	4.0
1987	5.0
1999	6.0
2014	7.0

Statistics on Human Population

PART II: Objectives: You will create a graph of human population growth and use it to predict future growth. You will identify factors that affect population growth.

6. Identify two factors, other than the wolf population, that may influence the moose population.
7. Isle Royale has been undeclared as a national park and has been purchased by a large resort. Describe one positive and one negative impact on the Isle Royale ecosystem.
8. Are predator-prey relationships density-dependent or density-independent limiting factors? Explain