Population Problems   **You must show all of your work to get credit!**

1. One thousand two hundred and seventy deer are living on an island that is eight hundred and thirty square kilometers in size. What is the population density of the deer per square kilometer?

2. A city with 53,340 people has 876 births. What is the birth rate (as a percentage and per thousand)?

3. Another city experiences 12 deaths for each thousand people. What is the death rate (as a percentage and per thousand)?

4. A village of 23,473 people has 2,342 births and 473 deaths. What is the growth rate for this village?

5. A small country of 744,785 people has 44,678 immigrants and 12,567 emigrants. They also experience 15,898 deaths and 35,665 births. What is the growth rate of this small country?

6. How many years will it take for this country to double its population?

7. If a country were doubling its population every 35 years, what would its growth rate be?