**Practice Population Math Worksheet**

1. In 2000, there were 30,750,087 people living in Canada, which has a total area of 9,984,670 km 2. What was the population density of Canada?
2. In reality, there are a lot of fresh water lakes in Canada, about 891,163 km 2 of lakes. What was the population density of terrestrial Canada in 2000?
3. In 1999 with a beginning population of 30,491,000 people, there were 335,500 births in Canada. What was the birth rate, expressed as per 1000 (crude birth rate)?
4. In Canada during the same year there were 225,500 deaths, 205,711 immigrants and 41,142 emigrants. What was the growth rate for Canada, expressed as a percentage?
5. How many years will it take for Canada’s population to double?
6. The population density of California is about 82 people per km 2. How much more densely populated is California than Canada (total area)?
7. In 1997, the population of Hawaii was 1,115,274 on a total surface area of 6,423 square miles. What was the population density of Hawaii?

AP Environmental Science Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Population Math Problems**.

Show all work **FOR THIS SIDE, TRY WITHOUT A CALCULATOR**

1. What is the Birth rate for a country that has a population of 120,000 and 2400 births per year?
2. What is the birth rate for a country with 35 births per thousand?
3. What is the death rate for a country that has a population of 1,500,000 and 60,000 deaths per year?
4. What is the growth rate for a country that has a total population of 11,000,000 with 320,000 births and 650,000 deaths?
5. What is the growth rate for a country that has 60,000 births and 50,000 deaths per year along with 20,000 people who immigrate in and 10,000 people who emigrate out? The total population is 20,000,000.
6. Belgium has a growth rate of 0.1% In how many years will it double its population?
7. Libya is doubling its population every 19 years. What is the growth rate?
8. The country of Togo in Western Africa has a growth rate of 3.5%. Its present population is 4.8 million. How long will it take for Togo to double its population?
9. How long will it take Togo to reach 19.2 million people?