

Population Density Chapter 4 Class Exercise

Use the CIA World Factbook available on the Internet to find information about the population and landmass of any country of interest to you other than the U.S.A. (The CIA World Factbook's address is <https://www.cia.gov/library/publications/the-world-factbook/index.html>)

1. Record here for the country you have chosen, its:

a. Name: _____

b. Population _____

c. Landmass (area). Be sure too include units. _____

2.a. Write the population of the country you have chosen in scientific notation.

b. Write the landmass for the country you have chosen in scientific notation.

c. Calculate the population density for the country you have chosen (people per square kilometer).

d. In complete sentences, explain what this number means.

2. The population of the U.S.A. is 307. **million** people (Current 2010est.) and its landmass is 3537.8 **thousand** square miles.

.a. Write the population of the U.S.A. in scientific notation.

b. **Convert the landmass** for the U.S.A. from square miles to **square kilometers** (1 sq. mi. = 2.59 sq. km), then express the answer in scientific notation.

c. Calculate the population density for U.S.A. (people per square kilometer).

d. In complete sentences, explain what this number means.

3a. Make a ratio to compare the population the country you have chosen with the population of the U.S.A., then explain your answer in a complete sentence.



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b) Make a ratio to compare the landmass of the country you have chosen with the landmass of the U.S.A., then explain your answer in a complete sentence.

c) Which country has the higher population density? Make a quantitative comparison and interpret it in complete sentences.

4. In a brief paragraph, summarize what you have learned about the country you have chosen when compared to the U.S.A., using to what you have learned in #3 a,b,c about the population, size(landmass) and population density.

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