

Graphing World Population Data

Name: _____ **Date:** _____

LEARNING OBJECTIVE

Student will be able to organize and graph population data for multiple countries and draw conclusions from the comparison.

MATERIALS NEEDED

- Graph paper
- ruler
- pencil
- colored pencils
- internet-connected device or almanac for population data

HANDS-ON ACTIVITY

1. Research the current population of 6 different countries from at least 3 different continents.
2. Organize your data into a table with columns: Country, Continent, Population.
3. Using your ruler, create a bar graph on graph paper with country names on the x-axis and population on the y-axis (choose an appropriate scale, e.g., each square = 10 million).
4. Color-code your bars by continent (use one color per continent) and create a small legend.
5. Write one sentence identifying the most populous and least populous country in your data set, and the difference between them.

QUESTIONS

1. Which country had the highest population in your data, and which had the lowest?

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2. What scale did you choose for your bar graph, and why was that scale appropriate for your data?

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3. What is the population difference between your highest and lowest country?
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- 4. Does a country's land area seem related to its population in your data, or are there exceptions? Give an example.**
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