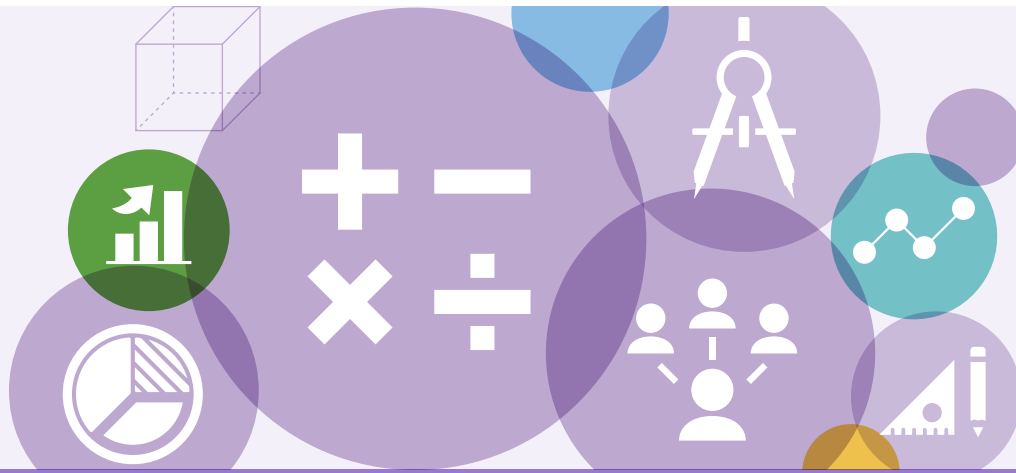




LOOKING AT NUMBERS OF BIRTHS USING A LINE GRAPH

Student Learning Objectives

- I will be able to create a line graph with large numbers and choose an appropriate scale for my graph.

The U.S. Census Bureau collects and organizes a wide variety of population data and other types of information for the nation, states, and counties. Governments, businesses, and school districts use this information to make decisions that affect everyone — including students like you!

A good way to compare and contrast data is to place those data on a graph. You are going to use 2023 data from State Facts for Students

<www.census.gov/programs-surveys/sis/resources/data-tools/state-facts.html> to make a line graph comparing the estimated numbers of births in two U.S. states over four years. Use the table below to record your data.

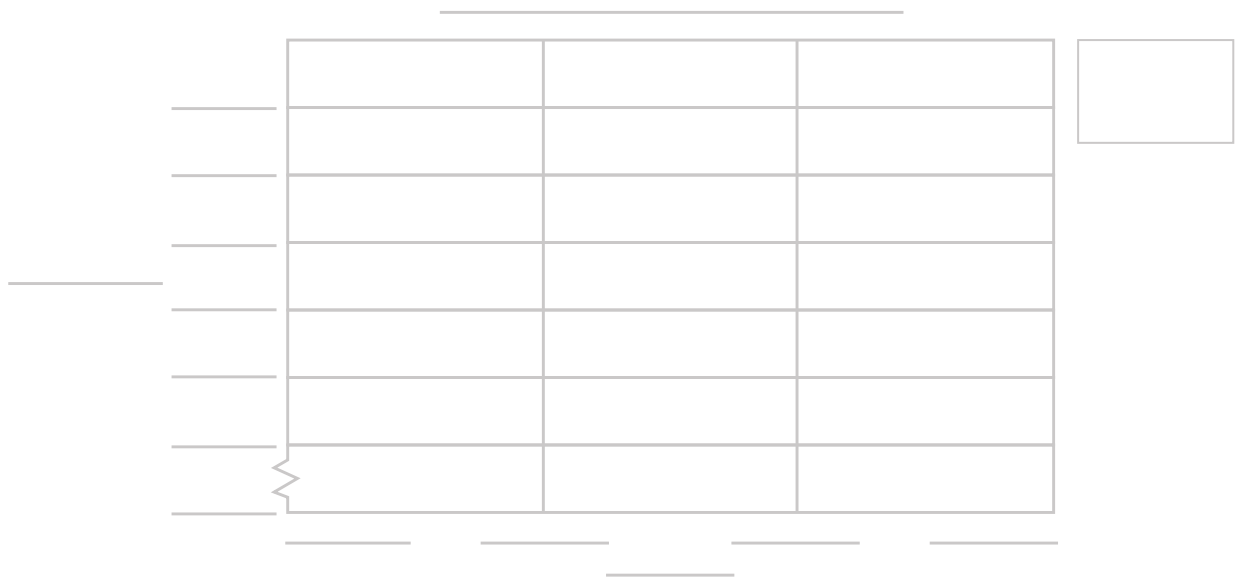
NAME: _____ DATE: _____

My state is _____. I am comparing it with _____.

Number of Kids Per State in 2023

Age in 2023	My State: _____	Comparison State: _____	Birth Year
8			
9			
10			
11			

- 1. Create a line graph of your data on the grid below:
- 2. Choose two different colors (one for each state) and make a key so that readers can understand which line is for which state.
- 3. Choose a scale for your vertical axis and label it "Number of births."
- 4. Write the four birth years from your table on the horizontal axis and label it "Year."
- 5. Mark your data points, and connect each point to the next with a line.
- 6. Give your graph a title.



- 7. What do you notice about the numbers of births in your state for these four years?

8. What do you notice about the numbers of births in your comparison state for these four years?
9. How do the numbers of births in each state compare over the four years?
10. How does your line graph help you see changes in numbers of births differently than the table does?