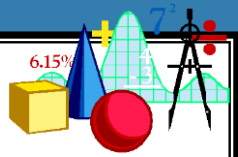
Mathematics, Geometry
Unit XI: Lesson 2

Investigation: **The Patina Game**



The sex ratio of a population is the number of males for every 100 females. Determine this ratio for each of the last nine US censuses. Use any reference resources available, including the Internet and print resources.

Graph this data on a pair of coordinate axes. Determine an equation that best fits the data.

Write a report which includes a table containing your data, your graph, and the equation you derived. Include an explanation of the rate of change of the sex ratio and any deviations that you notice. Predict what would eventually happen if it continued to change at the same ratio.