

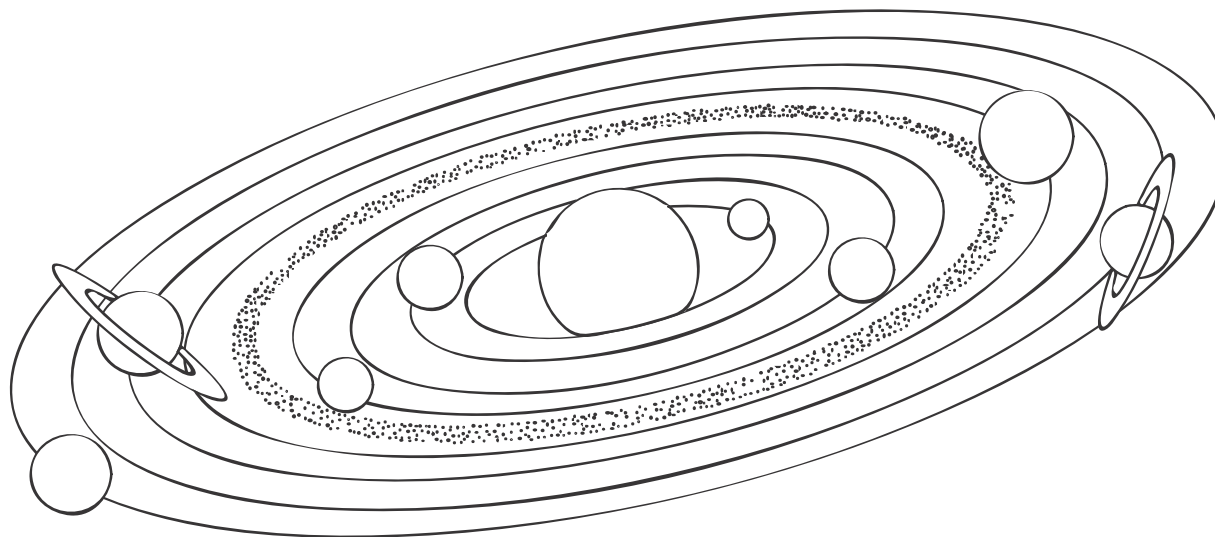
Name \_\_\_\_\_

**Pick a Project**

**Project 1C**

## Planetary Distances

Distances between the sun and the planets in our solar system range from millions to billions of miles. Because those distances are so great, scientists sometimes write them in scientific notation. Scientific notation is a number multiplied by a power of 10. For example, 2,000,000 written in scientific notation would be  $2 \times 10^6$ .



### **Your Project** Research Measurements in Our Solar System

Use books or the internet to research the distance from the sun to each planet in our solar system. Create a chart to record each distance, in miles, in both standard notation and scientific notation. Round the distances to the nearest 100,000 miles to make them easier to work with.

Also include other interesting measurements, such as the distance Mercury travels in one trip around the sun, the size of Jupiter's Great Red Spot, or the time it takes Neptune to revolve around the sun.