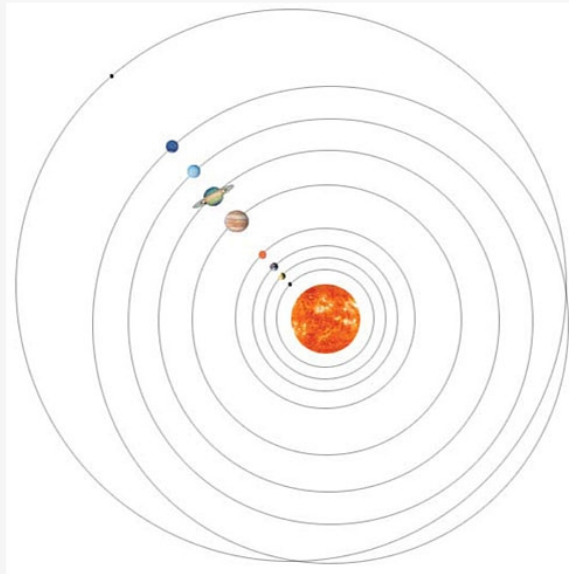


Scale Model of Solar System

Worksheet

4. The orbits of the four inner planets will be faster/slower than the orbits of the five outer planets. (Circle the correct answer.)
5. The model you constructed is actually only the radius of the solar system. To get a better idea of what you measured compared to the entire solar system, complete the questions below.
 - a. On the diagram below, draw a line showing the distance to Pluto that you measured.



- b. The nearest and farthest distances from the Sun to Pluto (from your table on page 1) are 2,750 million miles and 4,583 million miles. If you average these two numbers, the **average distance** from the Sun to Pluto is about **3,667 million miles**. Write this average distance in the two forms below:

Standard number form: _____

Scientific notation form: _____