

Name: \_\_\_\_\_

Date: \_\_\_\_\_

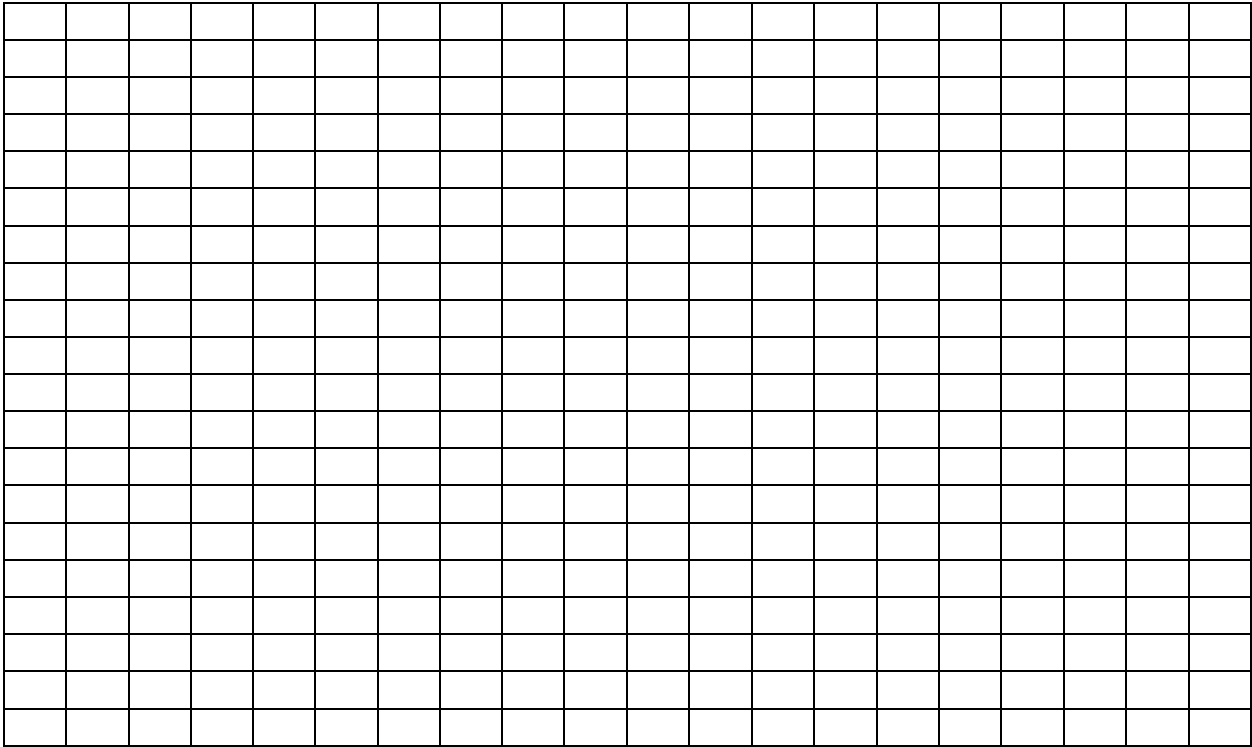
Period: \_\_\_\_\_

Planetary Data Graphs

Graph the following data. Assume that distance to the sun is the Independent Variable in this data set. An AU or Astronomical Unit is the average distance of the earth to sun or 93 million miles (150 million km). The orbital period is the length of a year on the given world.

Planet/Dwarf Planet	Distance to Sun (AU)	Orbital Period (Earth Years)
Mercury	0.4	0.24
Venus	0.7	0.6
Earth	1	1
Mars	1.5	1.9
Jupiter	5.2	11.8
Saturn	9.5	29.5
Uranus	19	84
Neptune	30	164.8
Pluto	39.5	248

Title: \_\_\_\_\_



Based on your graph, predict the length of Ceres year. Its distance from the sun is 2.7 AU \_\_\_\_\_

Eris is 68 AU from the sun, what might its year be? \_\_\_\_\_

