

MODEL SKETCH

- 1) Draw and label the Sun, Earth, and your planet/moon.
- 2) Then label the straight-line distances from each to the Earth, using scientific notation.
- 3) Research the volumes of both the Earth and your planet/moon. Then, find the ratio of the two volumes. Show and label your work.
- 4) Draw arrows showing gravitational pull and orbital direction.

How does gravity influence the motion of your planet/moon in the solar system?