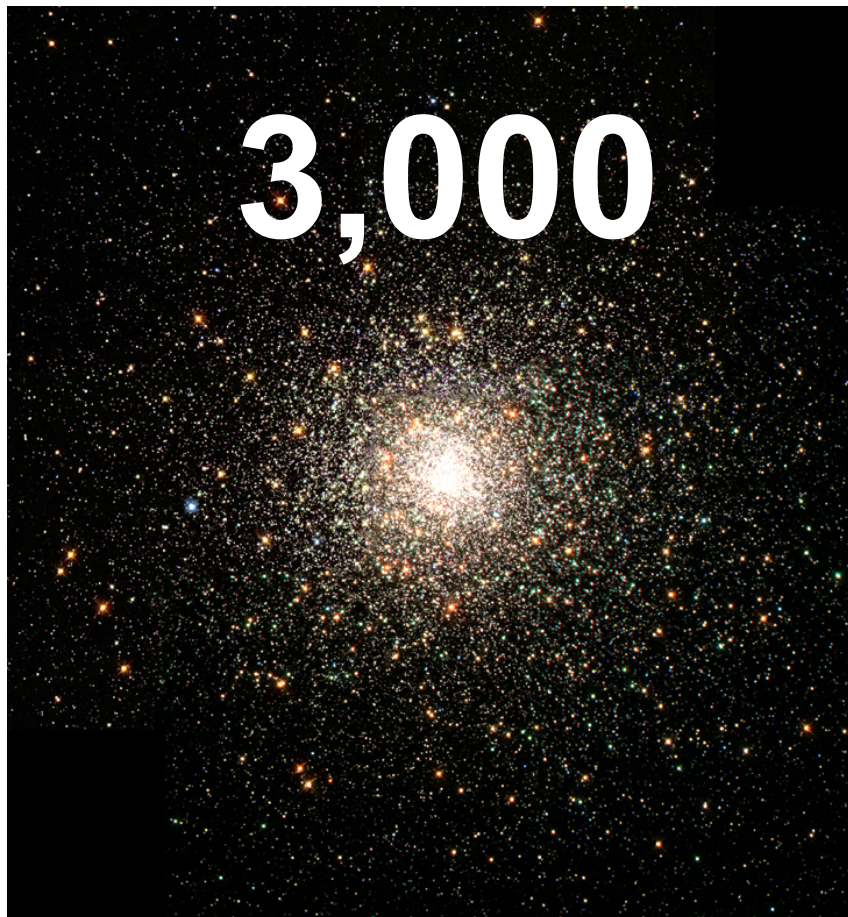


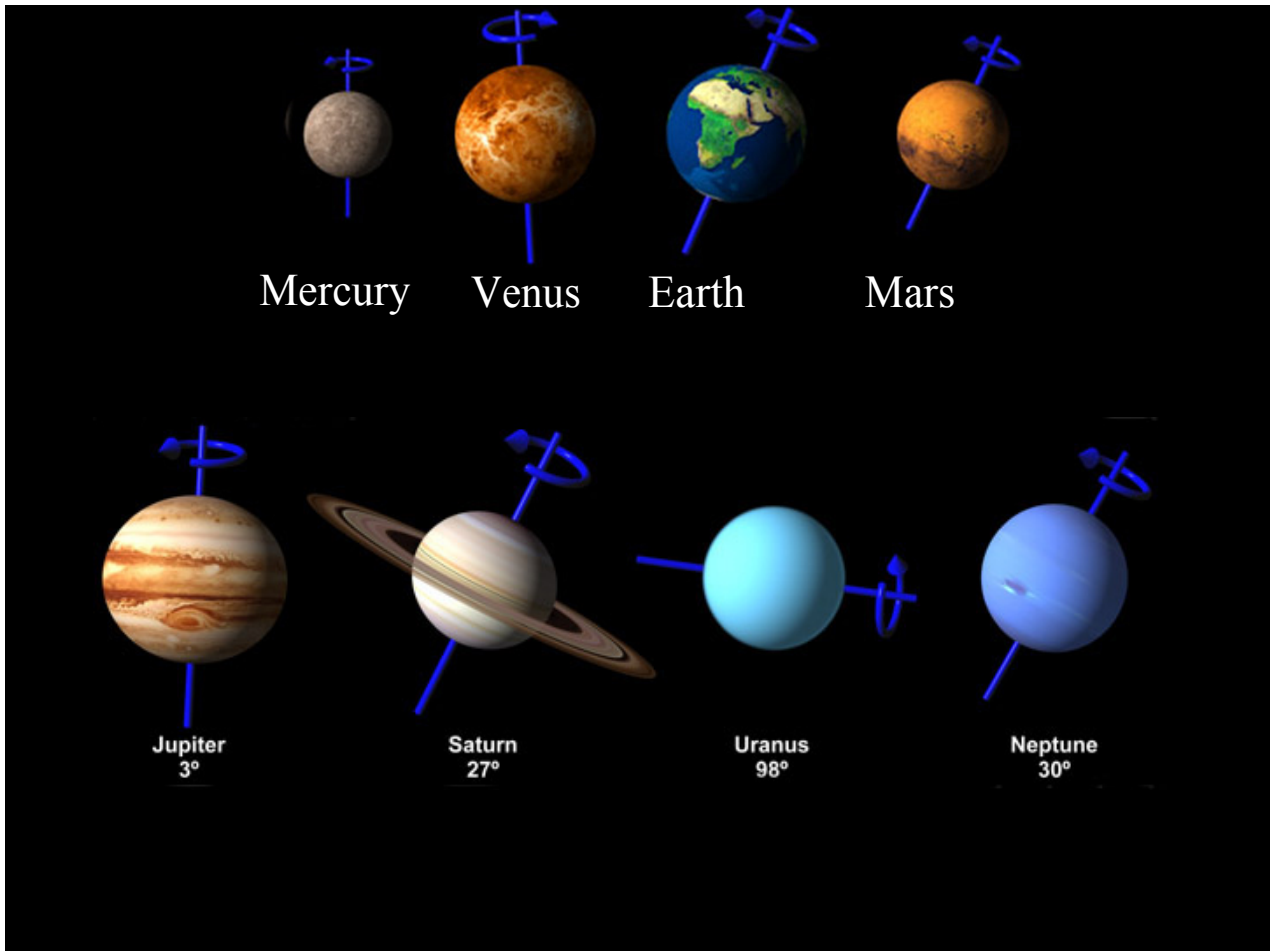
Nov 9, 2011

- 1) Info on the Planets (Uranus and Neptune)
- 2) Foldable Solar System

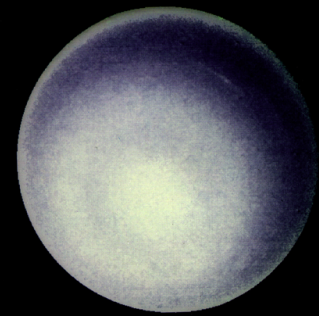
Warm - Up

If you attempted to count all the stars in a galaxy at a rate of one every second it would take around _____ years to count them all.

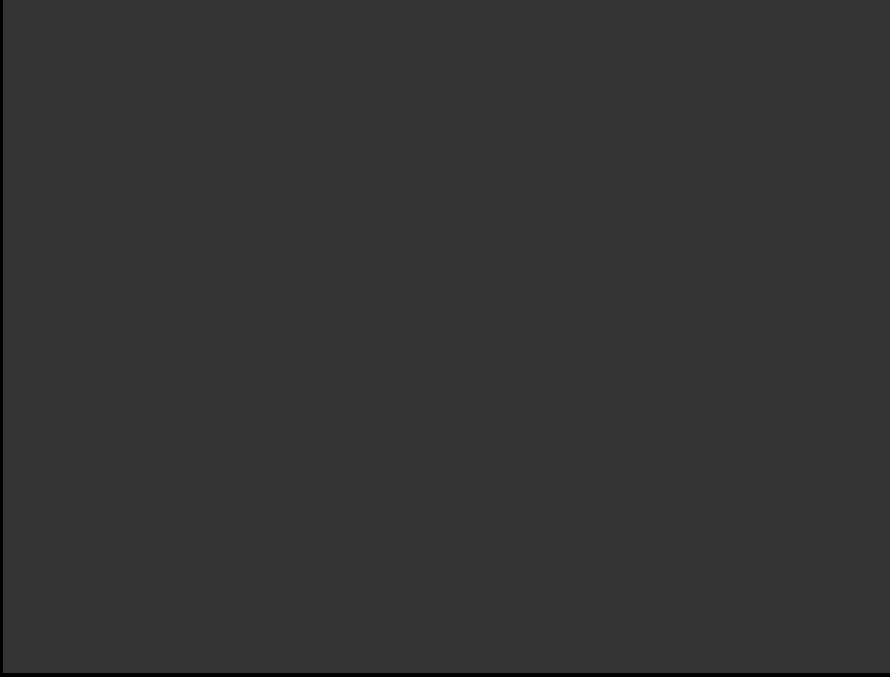




Uranus



- looks like a faint star in the night sky
- axis of rotation in the same plane at its orbit (no tilt)
- has winds that blow ~500km/h



Neptune

- barely visible from earth
- uneven orbit more elliptical than other planets
- has bright blue and white clouds and a dark spot in the center of the storm
- thin rings that are barely visible



Foldable Solar System

1. Write **Sun** at one end of the paper strip and **Pluto** at the opposite end.

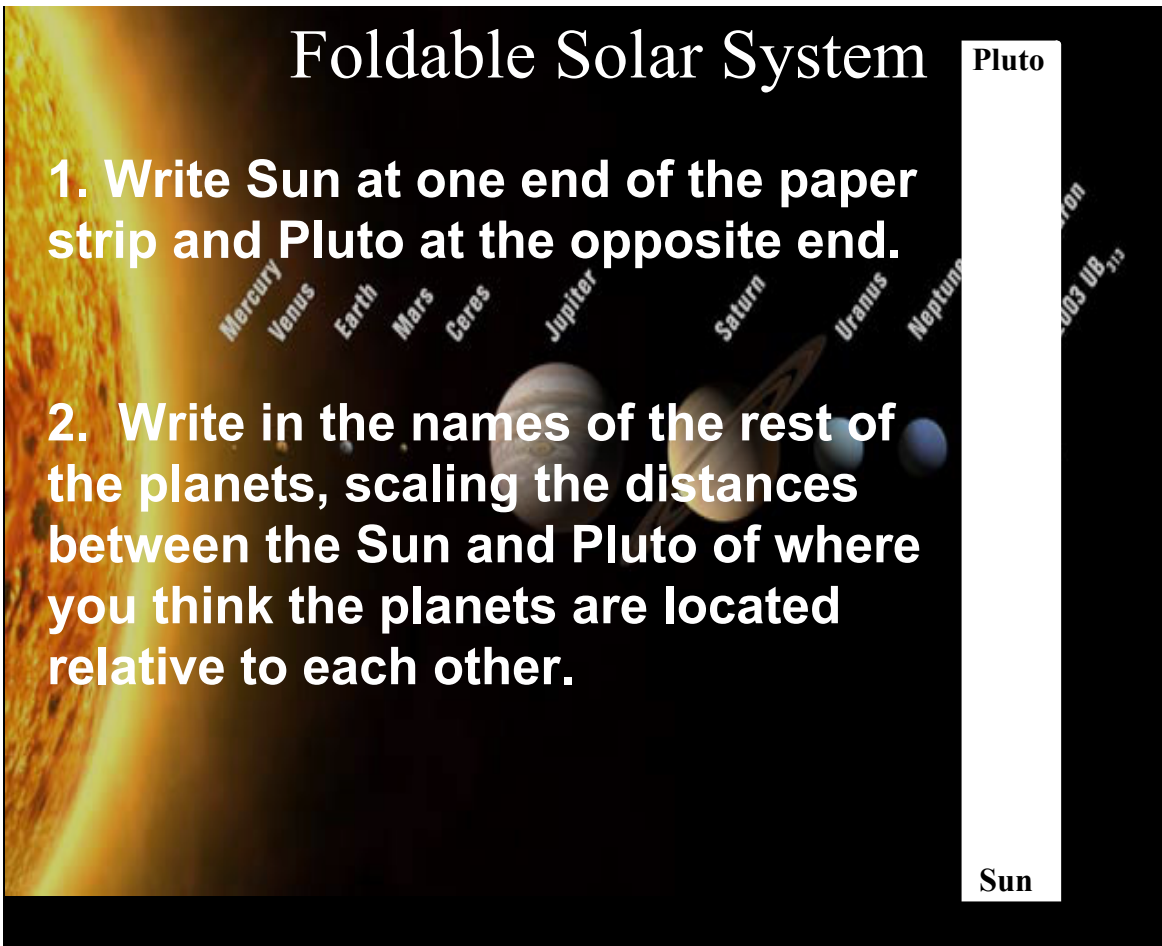
2. Write in the names of the rest of the planets, scaling the distances between the **Sun** and **Pluto** of where you think the planets are located relative to each other.

Pluto

Sun

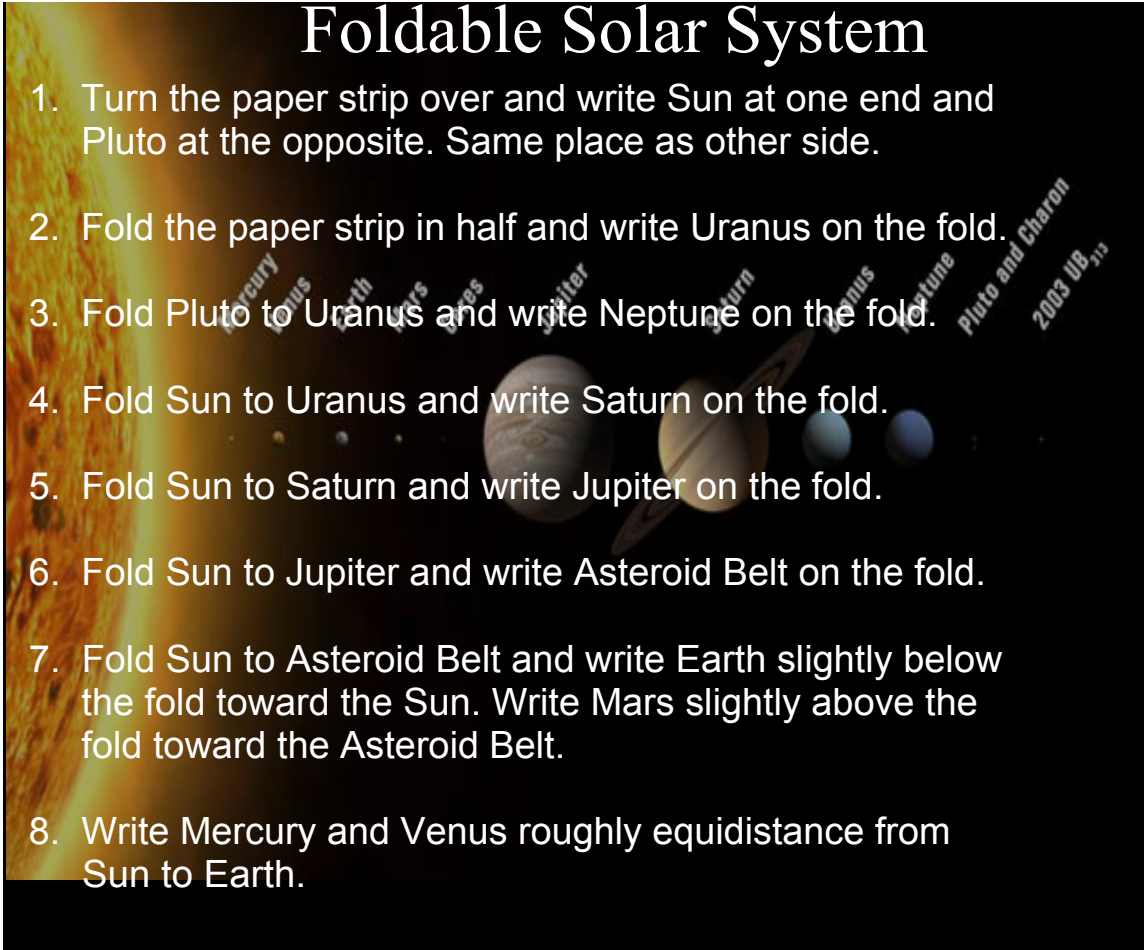
Mercury
Venus
Earth
Mars
Ceres
Jupiter
Saturn
Uranus
Neptune

Pluto
137,000 AU



Foldable Solar System

1. Turn the paper strip over and write Sun at one end and Pluto at the opposite. Same place as other side.
2. Fold the paper strip in half and write Uranus on the fold.
3. Fold Pluto to Uranus and write Neptune on the fold.
4. Fold Sun to Uranus and write Saturn on the fold.
5. Fold Sun to Saturn and write Jupiter on the fold.
6. Fold Sun to Jupiter and write Asteroid Belt on the fold.
7. Fold Sun to Asteroid Belt and write Earth slightly below the fold toward the Sun. Write Mars slightly above the fold toward the Asteroid Belt.
8. Write Mercury and Venus roughly equidistance from Sun to Earth.



Attachments

Uranus student response(4).avi

student response no tilt.avi