

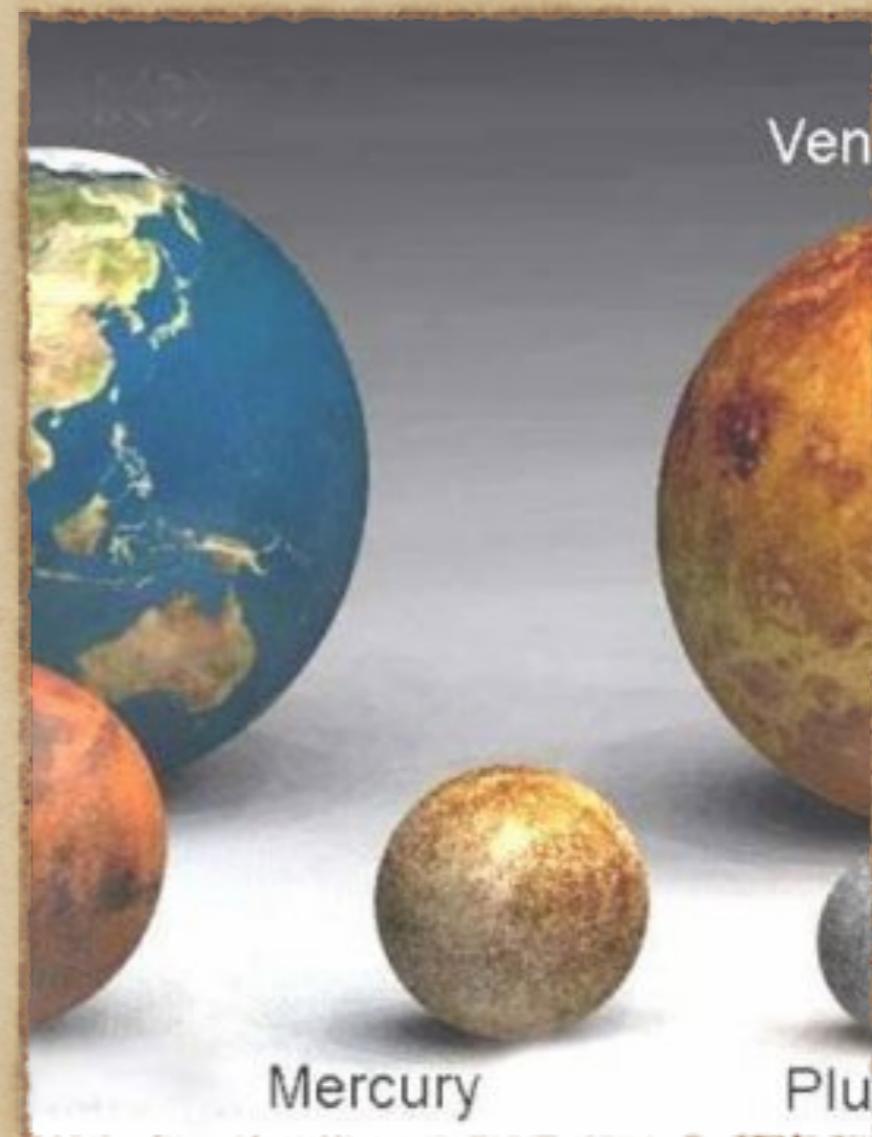
The inner planets

# Commonalities

- ◆ All the inner planets are terrestrial, meaning they have solid or rocky surfaces
- ◆ All the inner planets have evidence of past geothermal activity
- ◆ All inner planets are inside the asteroid belt
- ◆ All inner planets had an atmosphere

# Mercury

- ◆ Mercury is the smallest inner planet
- ◆ It has a very slow rotation, thus half the planet is super heated and the other half is super cold
- ◆ It's atmosphere was sucked away by the sun, bummer.



# Venus, not really our twin...

- ◆ Venus is HOT. The greenhouse effect is out of control, lots of carbon dioxide, clouds of sulfuric acid, and atmospheric pressure around 92 times that of earth.
- ◆ Venus has retrograde rotation, meaning it rotates backwards from all the other planets
- ◆ There is current geothermic activity



# Earth, we rock

- ◆ We built the pyramids
- ◆ It's got water. Lots of it
- ◆ And lots of life forms



# Mars, terraform me baby...

- ◆ Though mars is small, it is the most similar to earth
- ◆ The atmosphere is small, but that can be changed
- ◆ Polar caps of dry ice

