

The Planets

Mercury

Mercury year = _____ Earth days Mercury day = _____ Earth days

1) Why is it difficult to observe the surface of Mercury?

2) Why doesn't Mercury cause an eclipse of the Sun?

Venus

Venus year = _____ Earth days Venus day = _____ Earth days

3) Why is Venus' atmosphere so hard to see through?

4) Why is Venus so hot?

	Initial Temperature	Final Temperature	Change in temperature
Thermometer in jar			
Thermometer outside jar			

The Planets

Earth

Earth year = _____ days

Earth day = _____ hours

5) Why is Earth called the Blue Planet?

6) Why is the sky blue when we look up?

Mars

Mars year = _____ Earth days

Mars day = _____ Earth hours

7) Why is Mars called the Red Planet?

The Planets

Jupiter

Jupiter year = _____ Earth years

Jupiter day = _____ Earth hours

8) What is the Great Red Spot on Jupiter and how does it move?

Saturn

Saturn year = _____ Earth years

Saturn day = _____ Earth hours

9) Why do Saturn's rings shine?

10) How can Saturn be seen through its rings?

11) How do Saturn's shepherd moons affect its rings?

The Planets

Uranus

Uranus year = _____ Earth years

Uranus day = _____ Earth hours

12) What is unique about Uranus' axis?

Drawing of Uranus' unusual axis.

Neptune

Neptune year = _____ Earth years

Neptune day = _____ Earth hours

13) What gives Neptune its blue color?
