

Getting to know the planets!! Read page 612-614 in your text. Use the table on page 613

Make sure you write out the exact units used each time.

Name: _____

- 1) Which planet takes the least amount of time to revolve around the sun? How long?(Period of revolution)

- 2) What planet takes the greatest amount of time to revolve around the sun? How long?

- 3) How do you think the distance of a planet from the sun relates to the time it takes a planet to revolve around the sun?

- 4) Which planet has the longest period of rotation? (spinning on it's axis)? How long does a day take on this planet?

- 5) Which planet has the shortest period of rotation? How long does a day take on this planet?

- 6) Which planets would be classified as the inner planets (closest to the sun)? What is their general name?

- 7) Which planets would be classified as the outer planets? (furthest from the sun)? What is their general name?

8) Use your textbook to list the general characteristics of the Terrestrial planets vs. Jovian planets. Compare their sizes, composition, densities.

	Terrestrial planets	Jovian Planets
Names of the planets		
Sizes (Relative to earth), don't give every number, just say generally.		** Pluto is an exception
Densities (general rule)		
Composition (what are they made of generally)		

9) What is the definition of escape velocity? What is the earth's escape velocity? What is the escape velocity on Jovian planets?

10) Come up with your own mnemonic to help you remember the planets from the sun in order.

