

THE UNIVERSE; THE OUTER PLANETS

Name _____

Date _____

Hour _____

1. Clyde Tombough discovered Pluto in the year _____.
2. Pluto
 - a. _____ billion miles from Earth
 - b. Orbit = _____ years
 - c. Day length = _____ Earth days
 - d. 150 lbs on Earth = _____ lbs on Pluto
3. Dark areas on Pluto are probably solid _____.
4. Pluto's average temperature is _____ degrees F.
5. Pluto's surface is (Smooth / Covered with craters) Circle your answer.
6. In 2005, Mike Brown discovered the dwarf planet named _____
7. Just beyond Pluto is the Kuiper _____ (where comets are)
8. New Horizons will take 13 months to get to Jupiter, and then from there _____ years to get to _____.
9. Uranus
 - a. _____ billion miles from Earth
 - b. Orbit = _____ years
 - c. Day = _____ hours
 - d. 150 lbs on Earth = _____ lbs on Uranus
10. Uranus owes its blue color to frozen _____ gas. (CH₄)
11. Because Uranus and Neptune have lots of Ice in them, we call them the _____ giants.
12. _____ was the first planet to be discovered with a telescope.
13. Neptune
 - a. _____ billion miles from Earth
 - b. Orbit = _____ years
 - c. Day Length = _____ Earth hours
 - d. 150 lbs on Earth = _____ lbs on Neptune
14. Neptune has the fastest _____ in the solar system
15. Does the sun power Neptune's fast winds? (YES / NO)
16. Neptune has bands of bright white _____ in its atmosphere
17. Neptune's great dark spot storms (Stay in one place / Move around the planet) circle your answer.
18. Neptune's Moon Triton is the _____ feature in our solar system.
19. Scientists think there may be _____ under the icy crust of Triton. (Maybe life could be there??)