

NAME _____

DATE _____

EXPLORING THE SOLAR SYSTEM

IDENTIFY THE ANSWER THAT GOES WITH EACH QUESTION.

1. One of the planets known for its rings is _____.

- a. Earth b. Saturn c. The Moon d. Mercury

2. Which of the following is NOT a "gas giant"?

- a. Uranus b. Jupiter c. Venus d. Neptune

3. Which of the following is an inner planet?

- a. Titan b. Mars c. Saturn d. The Sun

4. What galaxy is our solar system in?

- a. Andromeda b. Milky Way c. Snickers d. Orion's Belt

5. The main gases that make up the Jovian planets are _____.

- a. Oxygen and Hydrogen b. Nitrogen and Helium
c. Helium and Oxygen d. Hydrogen and Helium

6. What planet is the most similar size as Earth?

- a. Venus b. Mercury c. Jupiter d. Pluto

7. The hottest Planet is _____.

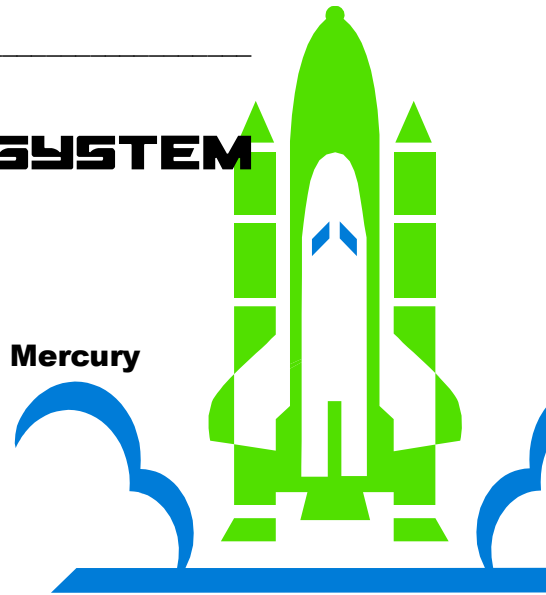
- a. Venus b. Mercury c. Jupiter d. Pluto

8. The coldest Planet is _____.

- a. Earth b. Uranus c. Neptune d. Mars

9. What is the planet has the largest volcano in the solar system?

- a. Mercury b. Venus c. Mars d. Jupiter



10. The atmosphere on Venus is primarily_____.

- a. Carbon Dioxide b. Hydrogen c. Oxygen d. Water vapor**

11. What Planet has the greatest mass?

- a. Saturn b. Jupiter c. Earth d. The Sun**

12. What is the red spot on Jupiter?

- a. Tornado b. Hurricane c. Sun burn d. Pimple**

13. What is the ring that orbits the sun, in between Mars and Jupiter?

- a. Meteor Belt b. The Moon c. Saturn d. Asteroid Belt**

14. A chunk of ice and rock with a tail that originates from the outer solar system is a _____.

- a. Comet b. Asteroid c. Meteorite d. Meteor**

15. A rock in orbit generally between Mars and Jupiter is a _____.

- a. Comet b. Asteroid c. Meteorite d. Meteor**

16. A _____ is a streak of light that is seen in the sky. A space rock that burns up upon entering the Earth's atmosphere.

- a. Comet b. Asteroid c. Meteorite d. Meteor**

17. A _____ is a _____ that doesn't entirely burn up in the atmosphere and lands on Earth.

- a. Comet/Asteroid b. Asteroid/Comet
c. Meteorite/Meteor d. Meteor/Meteorite**

18. What object in the solar system do scientists NOT consider a planet anymore?

- a. Earth b. The Sun c. Pluto d. Europa**

19. Objects that orbit planets are called_____. (Circle all that apply)

- a. Comets b. Dwarf Planets c. Satellites d. Moons**

20. The right amount of water, oxygen, and temperature_____.

- a. causes supernovas.
- b. results in electrical storms.
- c. supports life.
- d. creates sandwiches.

EXTRA CREDIT!

In the correct order list all of the planets starting with closest to the sun.

EXTRA EXTRA CREDIT!

DRAW a representation of all of the planets and how they relate to each other by size (Here is a hint, Jupiter should be the **BIGGEST** circle in your diagram).